

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076812.D
 Acq On : 24 Feb 2023 16:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Quant Time: Feb 25 01:47:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	301027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	548651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	528915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	277520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225151	54.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.340%			
35) Dibromofluoromethane	8.172	113	173684	48.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	10.572	98	709731	52.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.848	95	252411	56.796	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	139970	43.790	ug/l	98
3) Chloromethane	2.378	50	173042	41.494	ug/l	95
4) Vinyl Chloride	2.525	62	181643	44.257	ug/l	91
5) Bromomethane	2.949	94	112791	45.354	ug/l	91
6) Chloroethane	3.119	64	131918	50.858	ug/l	90
7) Trichlorofluoromethane	3.507	101	253465	45.388	ug/l	96
8) Diethyl Ether	3.972	74	108409	50.379	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	157104	47.879	ug/l	98
10) Methyl Iodide	4.595	142	212027	52.324	ug/l	98
11) Tert butyl alcohol	5.531	59	141396	257.704	ug/l	98
12) 1,1-Dichloroethene	4.354	96	142116	45.738	ug/l #	85
13) Acrolein	4.190	56	208173	252.719	ug/l	99
14) Allyl chloride	5.037	41	269776	50.109	ug/l	99
15) Acrylonitrile	5.725	53	485698	249.432	ug/l	99
16) Acetone	4.431	43	484520	260.948	ug/l	91
17) Carbon Disulfide	4.725	76	330823	40.326	ug/l	97
18) Methyl Acetate	5.031	43	312548	51.569	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	567629	54.186	ug/l	96
20) Methylene Chloride	5.284	84	182676	46.943	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	159465	45.592	ug/l	93
22) Diisopropyl ether	6.678	45	710047	56.230	ug/l	98
23) Vinyl Acetate	6.613	43	2277109	304.783	ug/l	98
24) 1,1-Dichloroethane	6.578	63	345332	49.900	ug/l	96
25) 2-Butanone	7.489	43	718399	262.298	ug/l	99
26) 2,2-Dichloropropane	7.495	77	274078	54.906	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	200596	48.354	ug/l	92
28) Bromochloromethane	7.819	49	177763	53.969	ug/l	91
29) Tetrahydrofuran	7.836	42	461072	257.662	ug/l	100
30) Chloroform	7.966	83	356214	51.517	ug/l	99
31) Cyclohexane	8.260	56	307706	47.191	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	298465	51.338	ug/l	97
36) 1,1-Dichloropropene	8.378	75	251751	48.495	ug/l	99
37) Ethyl Acetate	7.566	43	281432	51.526	ug/l	98
38) Carbon Tetrachloride	8.366	117	250580	47.849	ug/l	95
39) Methylcyclohexane	9.607	83	307886	52.176	ug/l	98
40) Benzene	8.613	78	799763	50.167	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	153111	48.389	ug/l	91
42) 1,2-Dichloroethane	8.672	62	285220	51.297	ug/l	99
43) Isopropyl Acetate	8.689	43	490448	55.182	ug/l	98
44) Trichloroethene	9.354	130	179806	47.728	ug/l	96
45) 1,2-Dichloropropane	9.625	63	219825	52.089	ug/l	99
46) Dibromomethane	9.713	93	140311	52.006	ug/l	95
47) Bromodichloromethane	9.889	83	280449	51.847	ug/l	99
48) Methyl methacrylate	9.683	41	225436	53.453	ug/l	97
49) 1,4-Dioxane	9.695	88	78424	1074.964	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1522209	269.185	ug/l	99
52) Toluene	10.630	92	520616	54.090	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	300923	57.638	ug/l	94
54) cis-1,3-Dichloropropene	10.313	75	327104	54.316	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	206646	52.799	ug/l	96
56) Ethyl methacrylate	10.877	69	318608	57.834	ug/l	96
57) 1,3-Dichloropropane	11.166	76	354635	52.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	691202	273.962	ug/l	97
59) 2-Hexanone	11.195	43	1128161	276.689	ug/l	99
60) Dibromochloromethane	11.360	129	218410	52.950	ug/l	100
61) 1,2-Dibromoethane	11.472	107	202463	51.681	ug/l	98
64) Tetrachloroethene	11.107	164	153962	46.191	ug/l	97
65) Chlorobenzene	11.895	112	553430	49.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	205822	50.552	ug/l	98
67) Ethyl Benzene	11.966	91	1004485	52.600	ug/l	100
68) m/p-Xylenes	12.077	106	785885	106.765	ug/l	97
69) o-Xylene	12.401	106	388741	54.150	ug/l	99
70) Styrene	12.413	104	656745	56.572	ug/l	99
71) Bromoform	12.577	173	155561	52.088	ug/l #	97
73) Isopropylbenzene	12.695	105	1029316	50.603	ug/l	99
74) N-amyl acetate	12.495	43	440149	48.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	328408	44.602	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	268714m	47.893	ug/l	
77) Bromobenzene	12.983	156	239765	47.244	ug/l	99
78) n-propylbenzene	13.036	91	1246119	52.170	ug/l	100
79) 2-Chlorotoluene	13.124	91	727137	49.718	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	877300	52.187	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	105422	54.726	ug/l #	81
82) 4-Chlorotoluene	13.124	91	727137	49.718	ug/l	98
83) tert-Butylbenzene	13.442	119	785243	51.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	880287	52.542	ug/l	99
85) sec-Butylbenzene	13.618	105	1144484	53.903	ug/l	98
86) p-Isopropyltoluene	13.730	119	950884	56.084	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	478328	49.860	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	477210	49.952	ug/l	99
89) n-Butylbenzene	14.060	91	835131	56.634	ug/l	99
90) Hexachloroethane	14.336	117	167333	47.136	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	479567	48.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	59541	41.739	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	252358	51.439	ug/l	97
94) Hexachlorobutadiene	15.507	225	121363	50.474	ug/l	98
95) Naphthalene	15.642	128	769865	51.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	242038	50.923	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

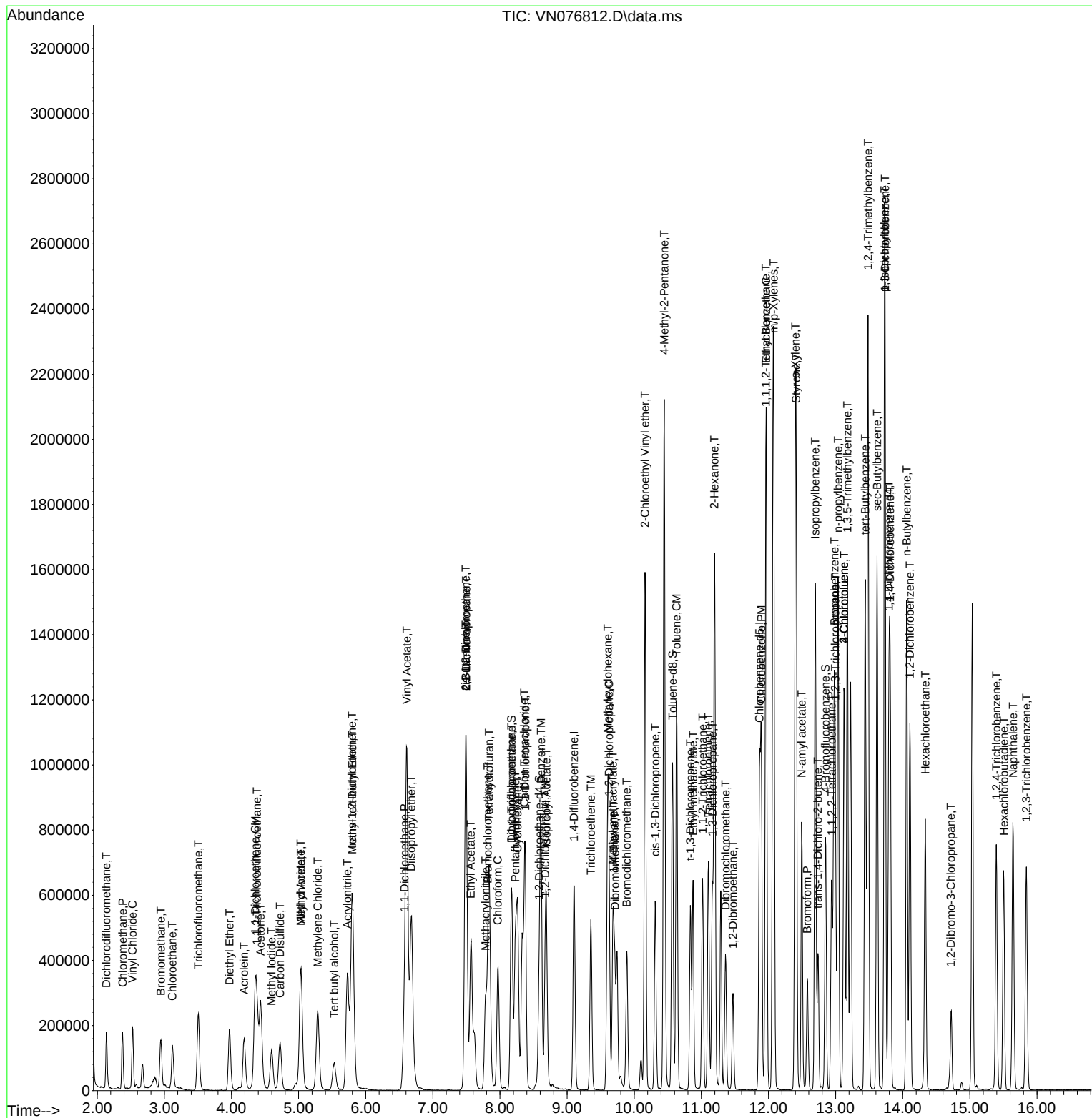
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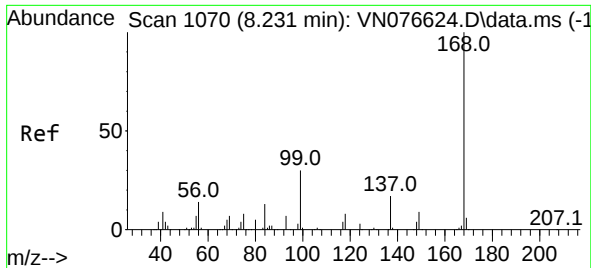
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

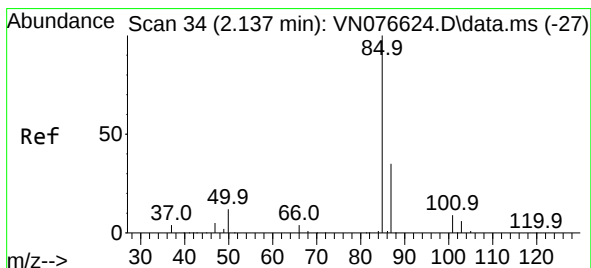
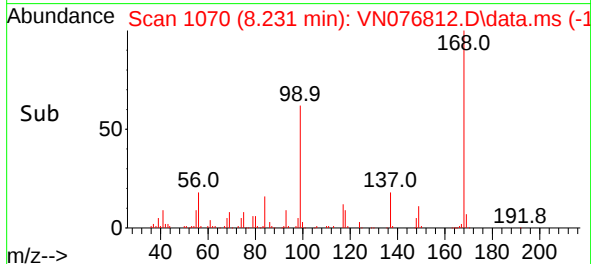
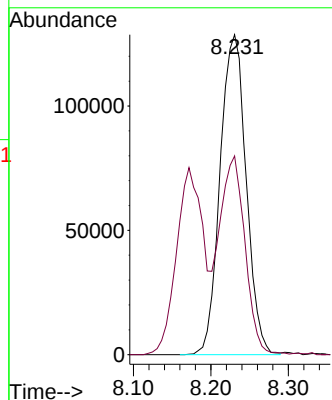
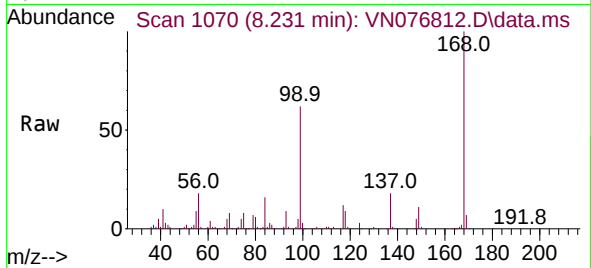
VSTDCCC050EC

Tgt Ion:168 Resp: 30102
Ion Ratio Lower Upper
168 100
99 61.5 44.8 67.2

Manual Integrations

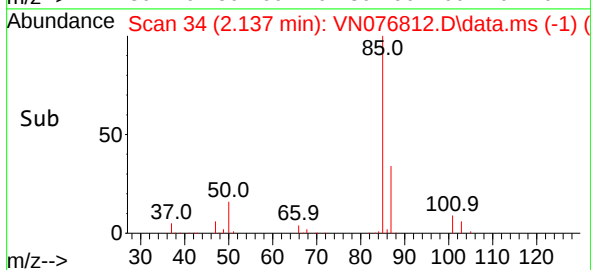
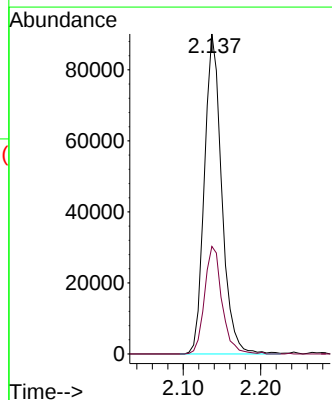
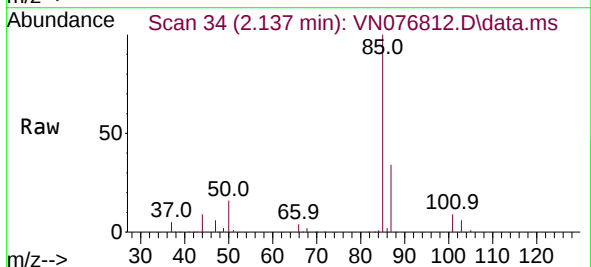
APPROVED

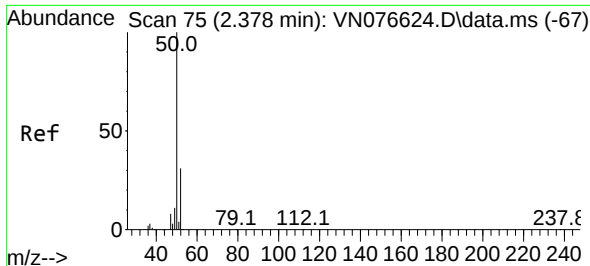
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#2
Dichlorodifluoromethane
Concen: 43.790 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

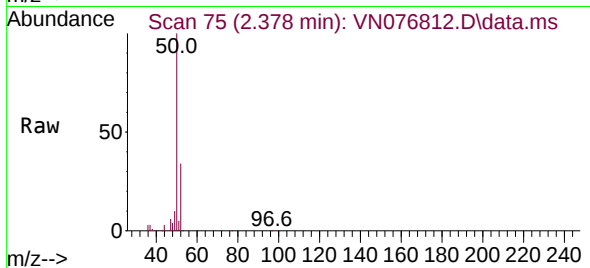
Tgt Ion: 85 Resp: 139970
Ion Ratio Lower Upper
85 100
87 33.6 17.4 52.2





#3
Chloromethane
Concen: 41.494 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

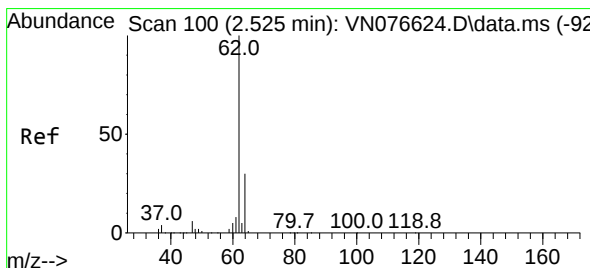
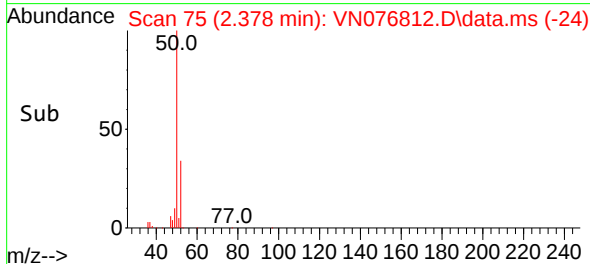
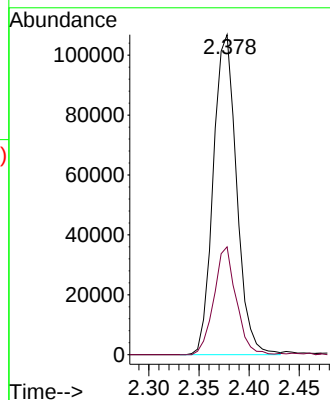
Instrument :
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Tgt Ion: 50 Resp: 17304
Ion Ratio Lower Upper
50 100
52 33.7 24.7 37.1

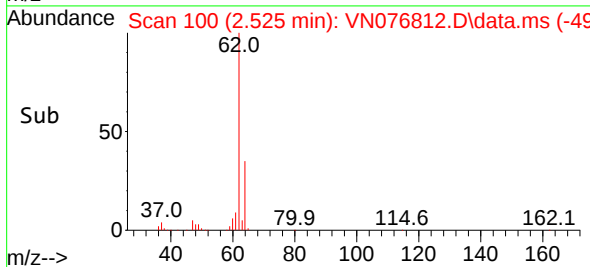
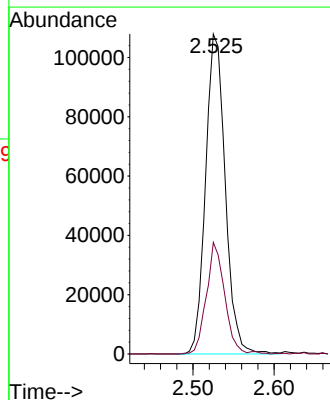
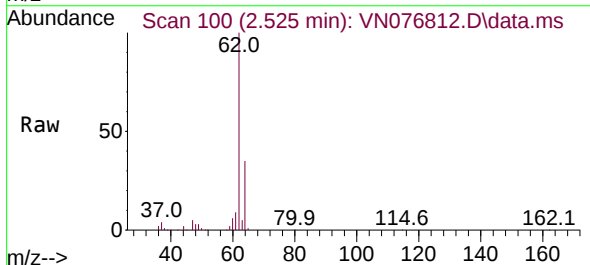
Manual Integrations
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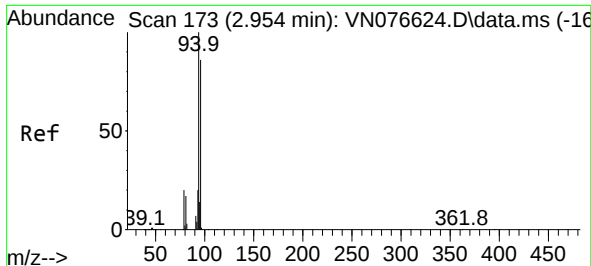
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#4
Vinyl Chloride
Concen: 44.257 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

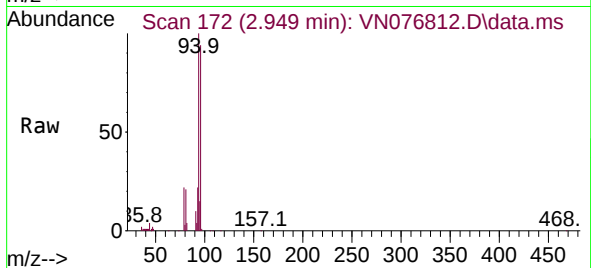
Tgt Ion: 62 Resp: 181643
Ion Ratio Lower Upper
62 100
64 34.9 23.9 35.9





#5
Bromomethane
Concen: 45.354 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

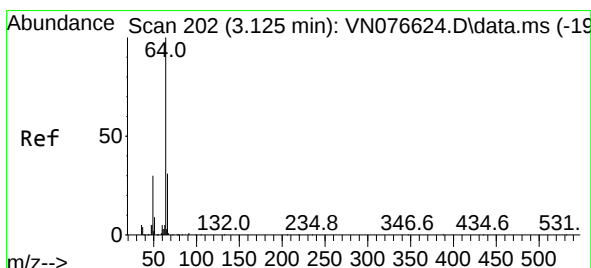
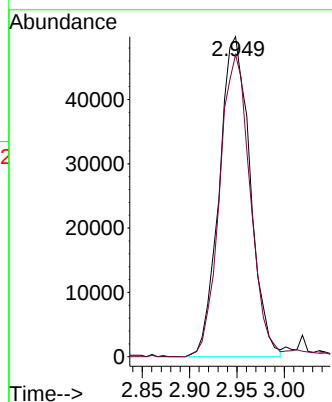
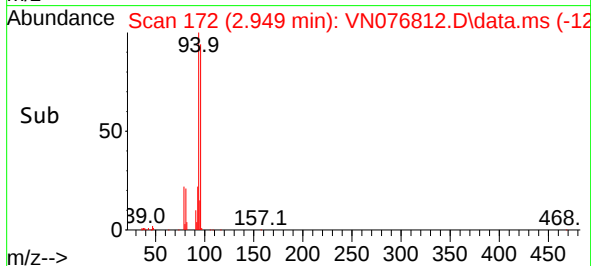
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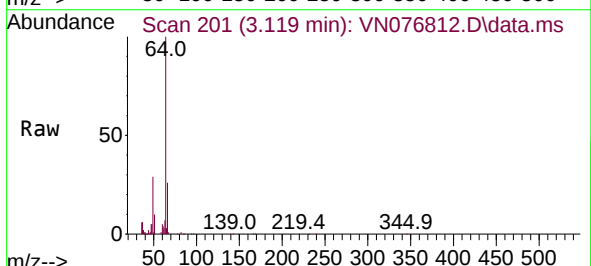
Tgt Ion: 94 Resp: 11279
Ion Ratio Lower Upper
94 100
96 94.3 69.0 103.4

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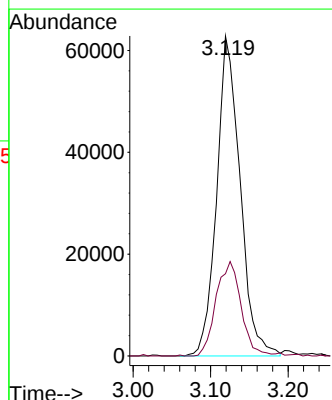
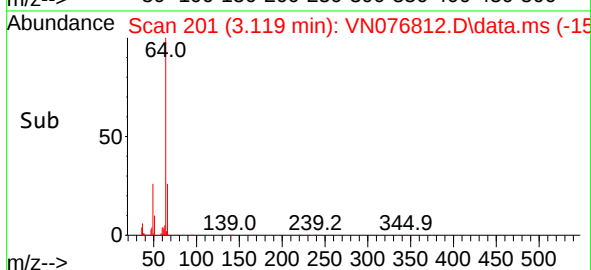
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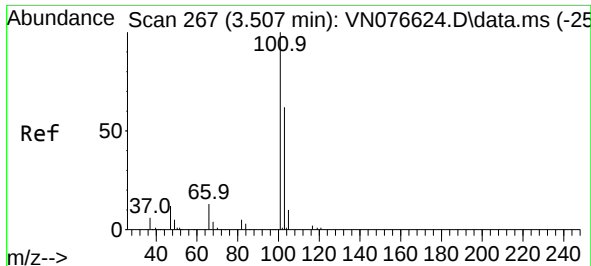


#6
Chloroethane
Concen: 50.858 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



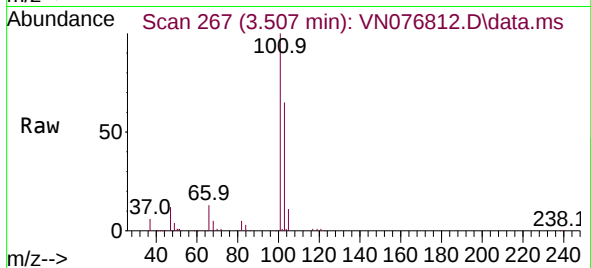
Tgt Ion: 64 Resp: 131918
Ion Ratio Lower Upper
64 100
66 25.4 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 45.388 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

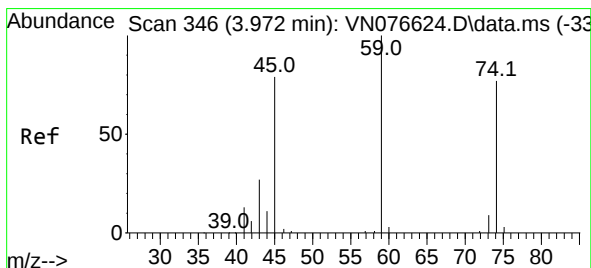
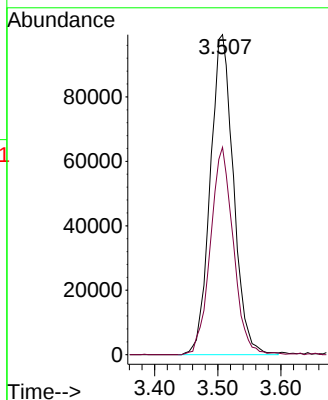
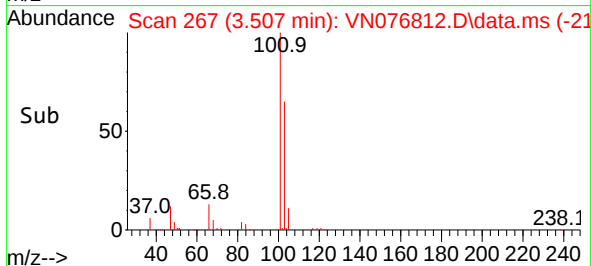
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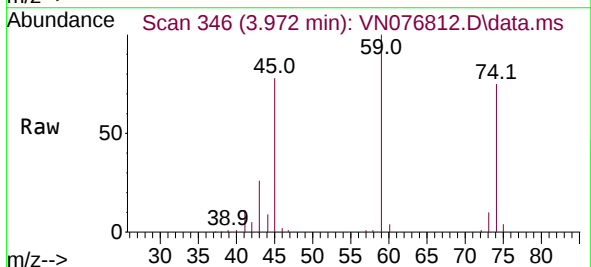
Tgt Ion:101 Resp: 25346
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.4 74.2

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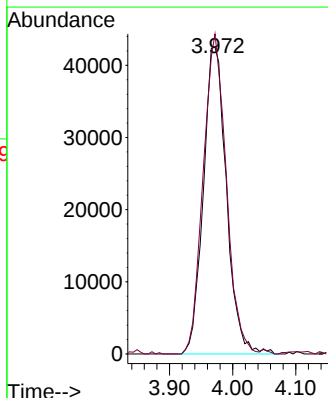
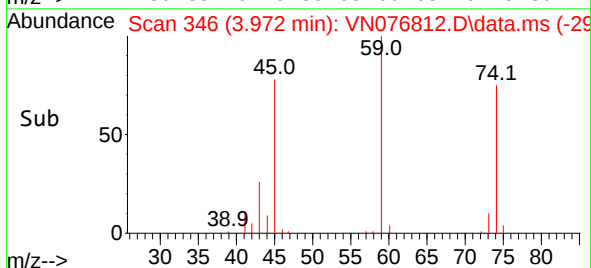
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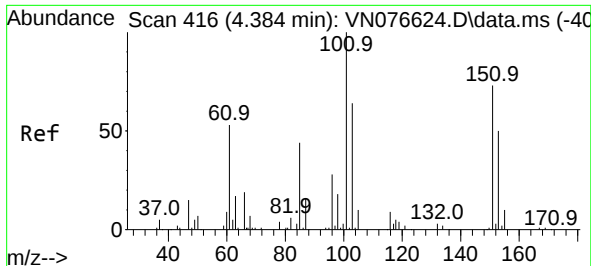


#8
 Diethyl Ether
 Concen: 50.379 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37



Tgt Ion: 74 Resp: 108409
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.3 153.9





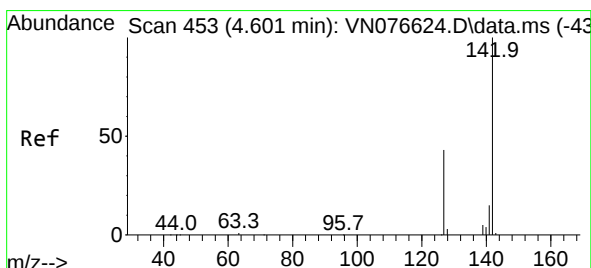
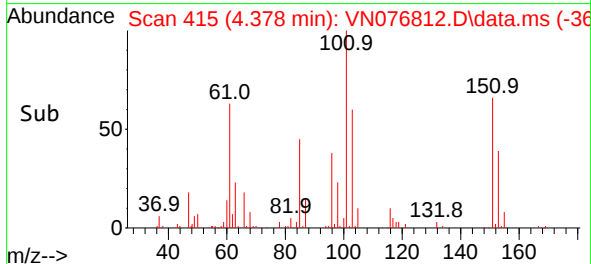
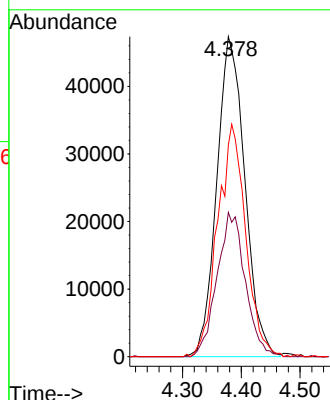
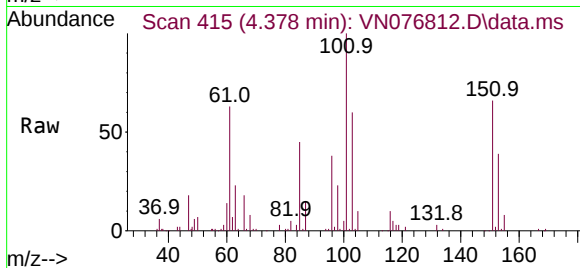
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.879 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 157104
Ion Ratio Lower Upper
101 100
85 45.3 37.4 56.0
151 72.2 58.7 88.1

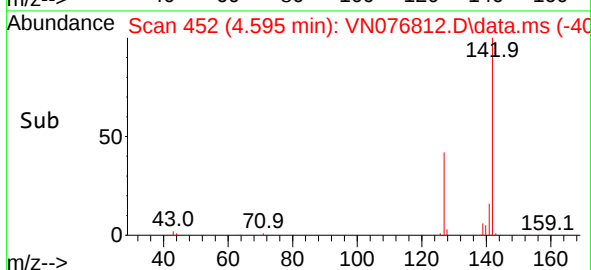
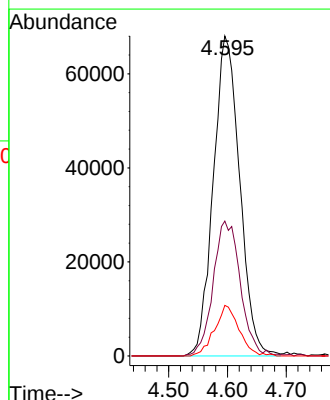
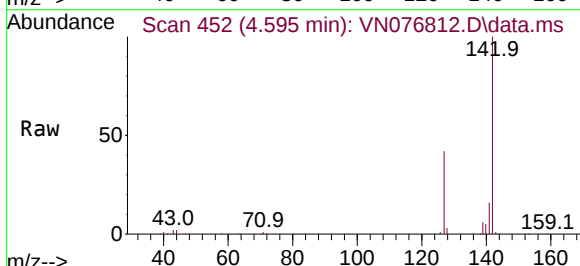
Manual Integrations
APPROVED

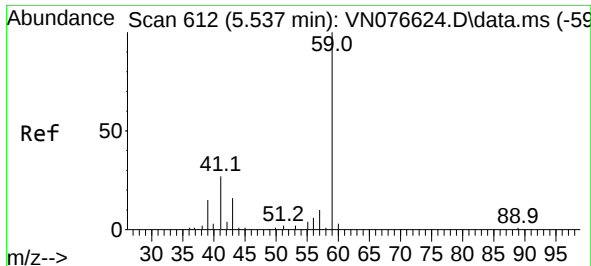
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#10
Methyl Iodide
Concen: 52.324 ug/l
RT: 4.595 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

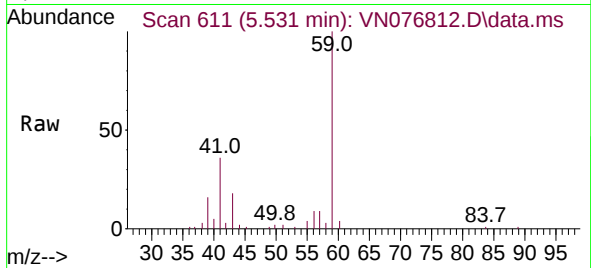
Tgt Ion:142 Resp: 212027
Ion Ratio Lower Upper
142 100
127 42.2 34.6 51.8
141 15.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 257.704 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

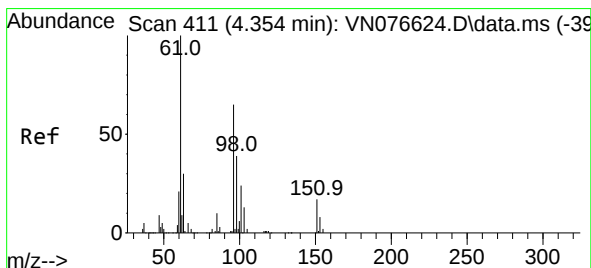
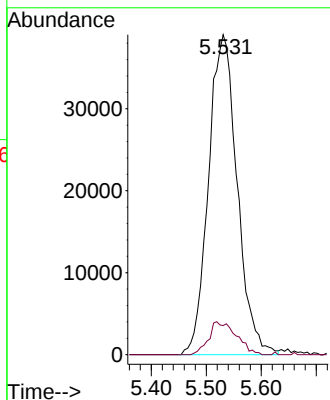
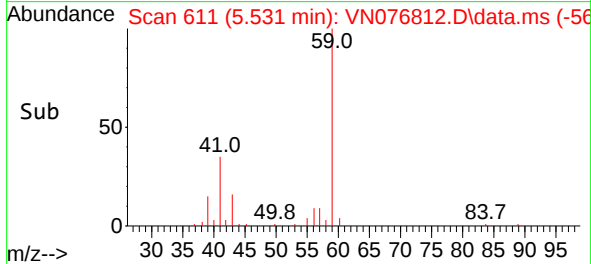
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 141390
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

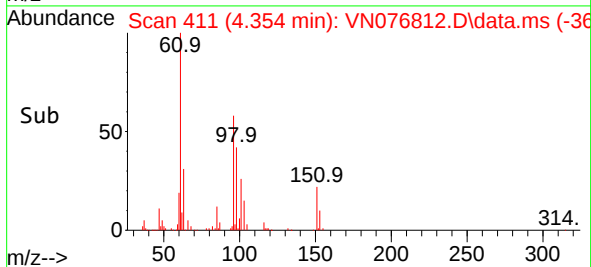
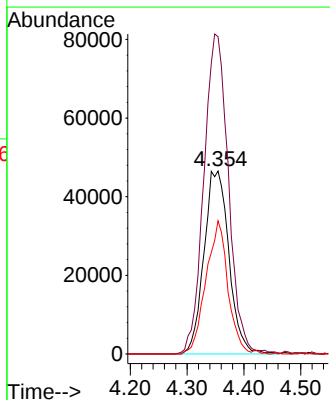
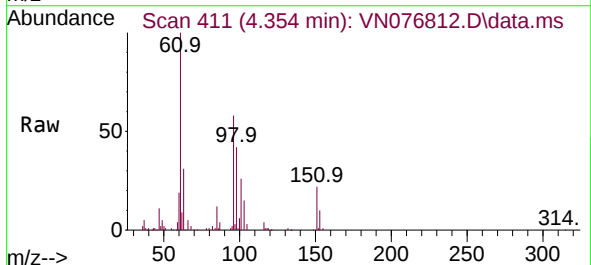
Manual Integrations
APPROVED

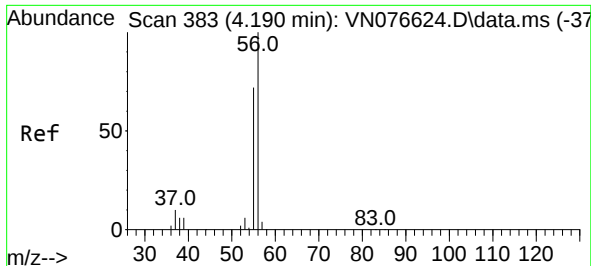
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#12
1,1-Dichloroethene
Concen: 45.738 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

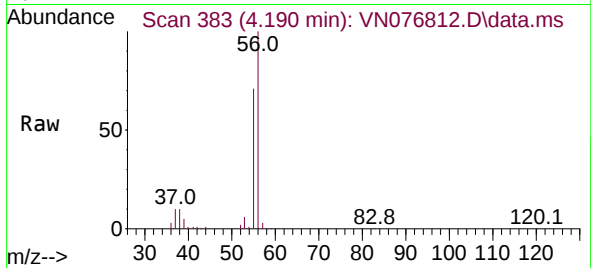
Tgt Ion: 96 Resp: 142116
Ion Ratio Lower Upper
96 100
61 173.2 123.8 185.6
98 72.8 48.4 72.6#





#13
Acrolein
Concen: 252.719 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

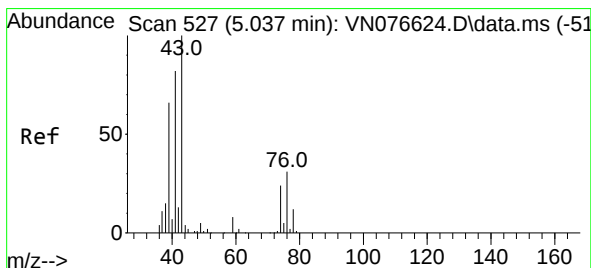
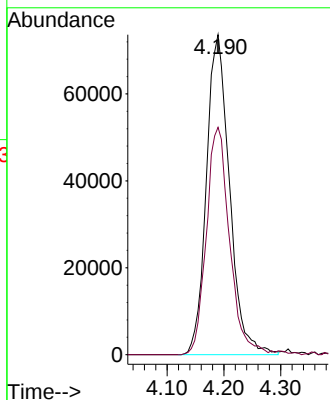
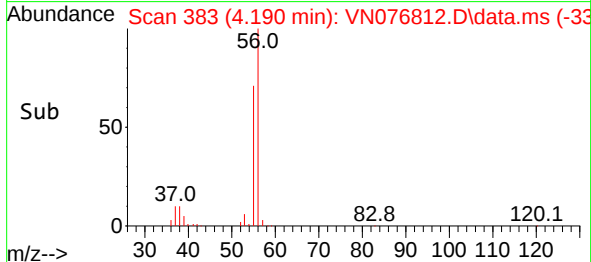
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 20817
Ion Ratio Lower Upper
56 100
55 71.1 56.3 84.5

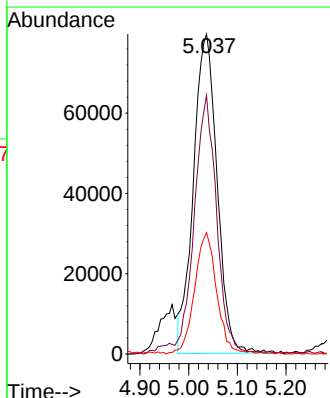
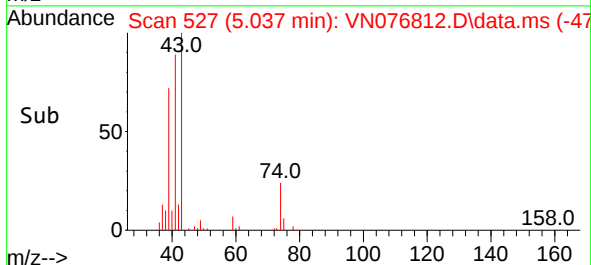
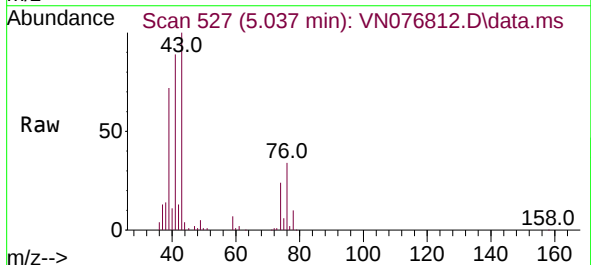
Manual Integrations
APPROVED

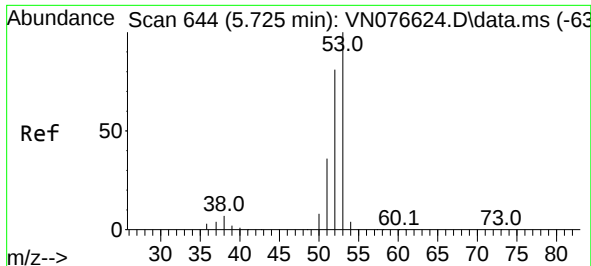
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#14
Allyl chloride
Concen: 50.109 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

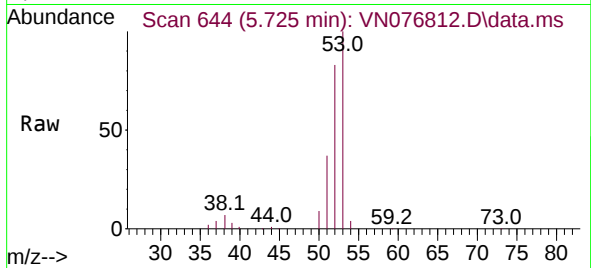
Tgt Ion: 41 Resp: 269776
Ion Ratio Lower Upper
41 100
39 78.4 62.3 93.5
76 35.6 27.0 40.6





#15
Acrylonitrile
Concen: 249.432 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

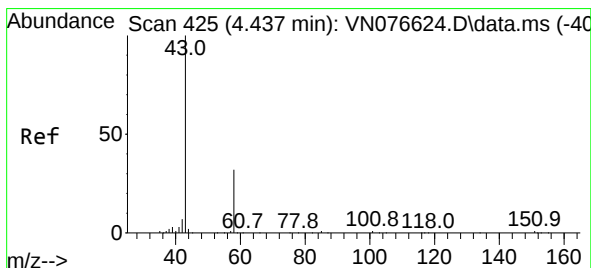
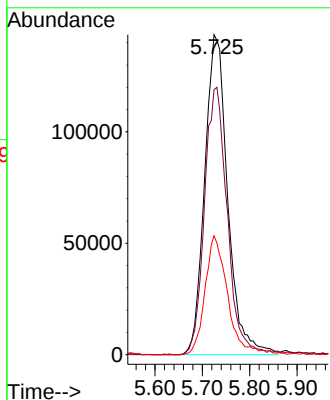
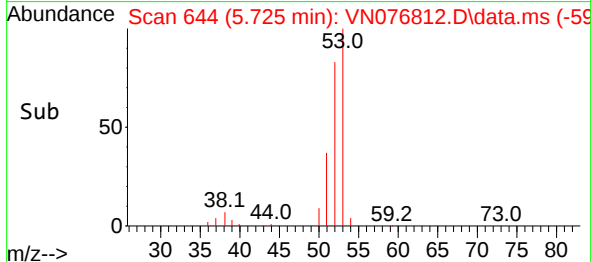
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 485698
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.3 29.2 43.8

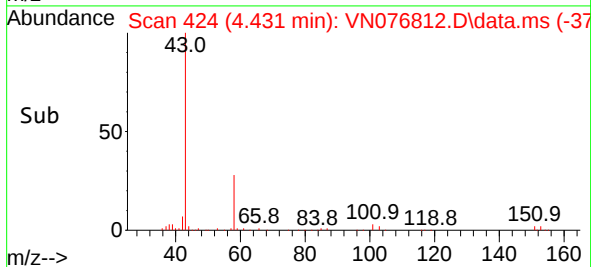
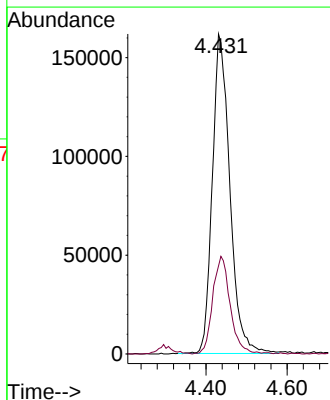
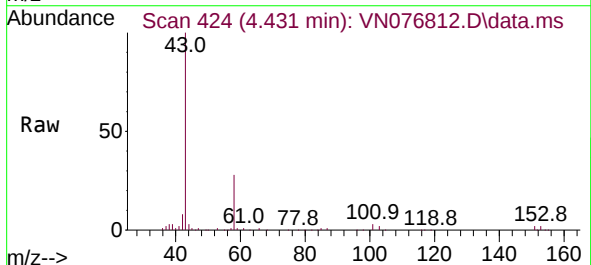
Manual Integrations
APPROVED

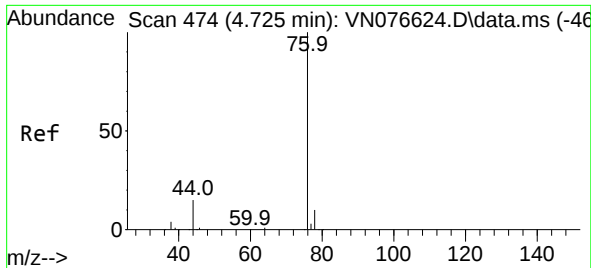
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 260.948 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

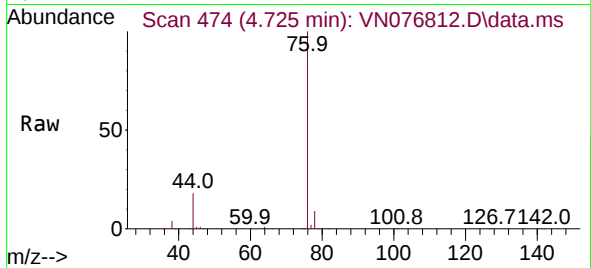
Tgt Ion: 43 Resp: 484520
Ion Ratio Lower Upper
43 100
58 27.4 25.9 38.9





#17
Carbon Disulfide
Concen: 40.326 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

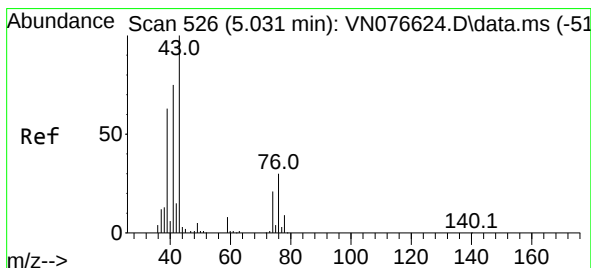
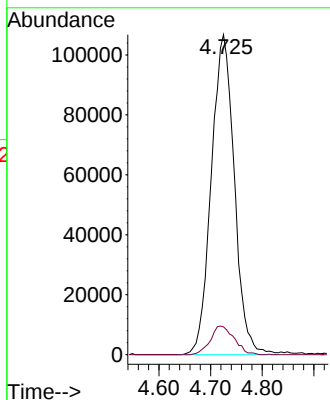
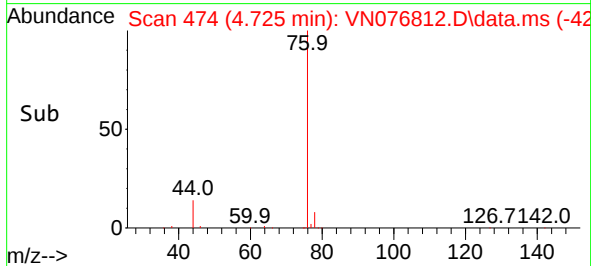
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 33082
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

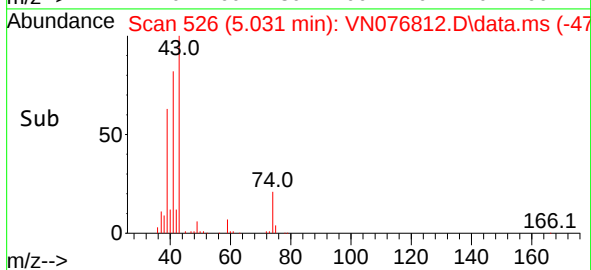
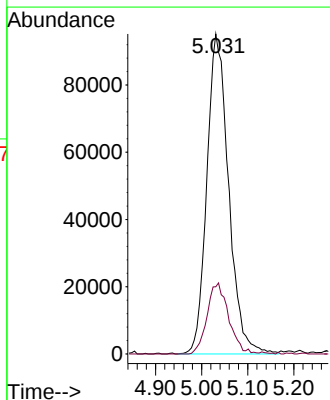
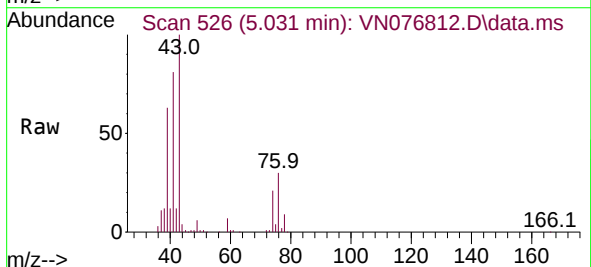
Manual Integrations
APPROVED

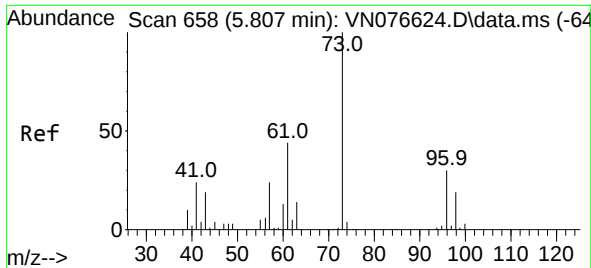
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#18
Methyl Acetate
Concen: 51.569 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

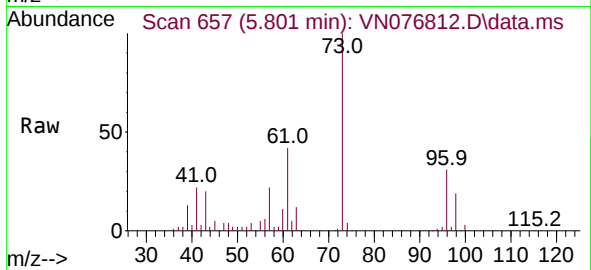
Tgt Ion: 43 Resp: 312548
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 54.186 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

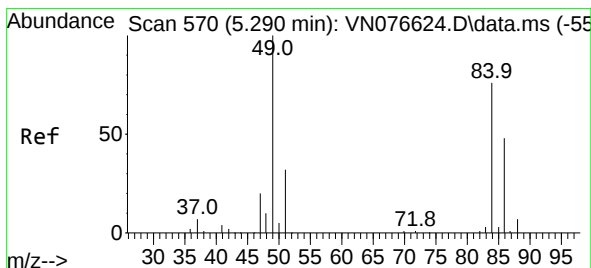
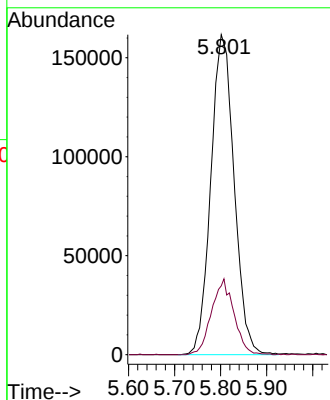
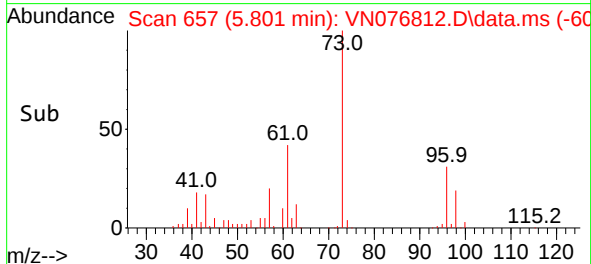
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 567629
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.4

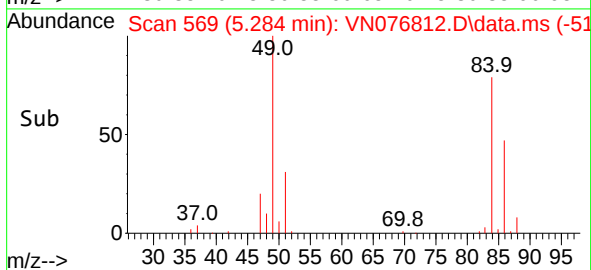
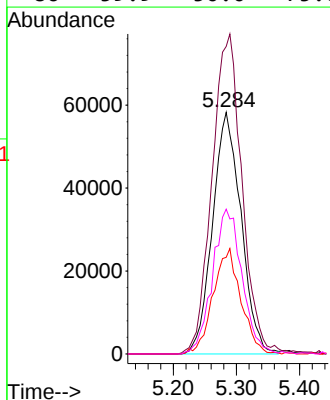
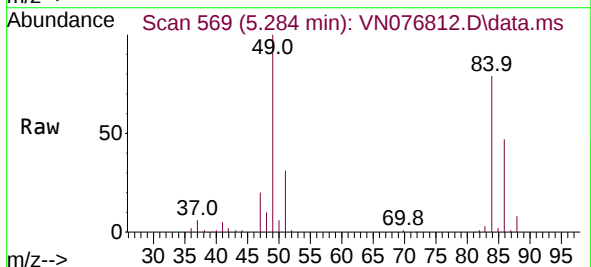
Manual Integrations
APPROVED

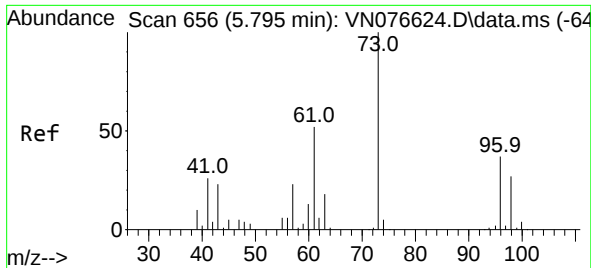
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 46.943 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

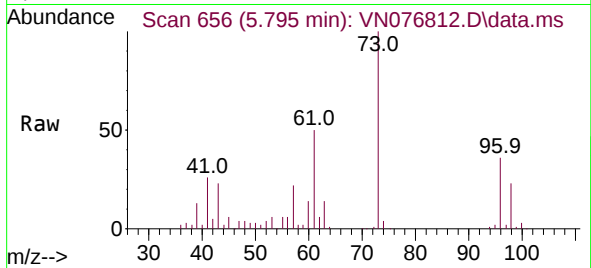
Tgt Ion: 84 Resp: 182676
Ion Ratio Lower Upper
84 100
49 127.3 104.9 157.3
51 40.0 33.8 50.8
86 59.9 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 45.592 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

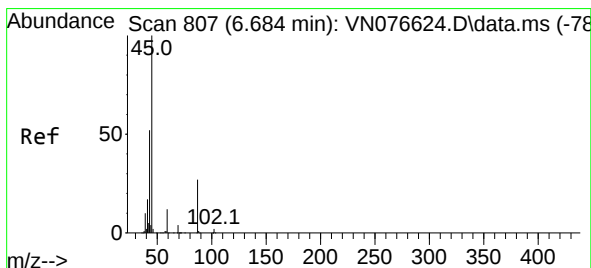
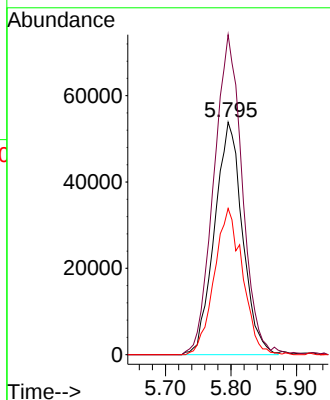
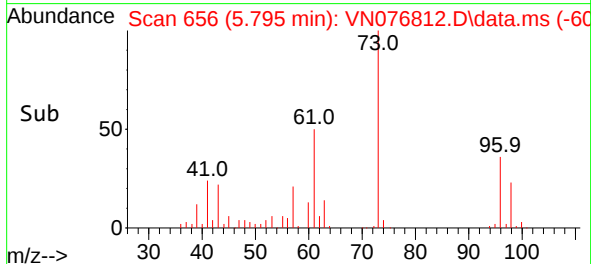
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



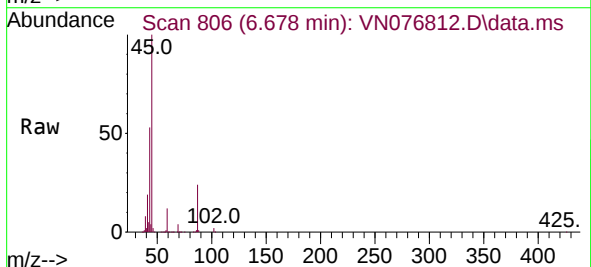
Tgt Ion: 96 Resp: 15946
Ion Ratio Lower Upper
96 100
61 137.6 113.9 170.9
98 62.9 59.4 89.0

Manual Integrations
APPROVED

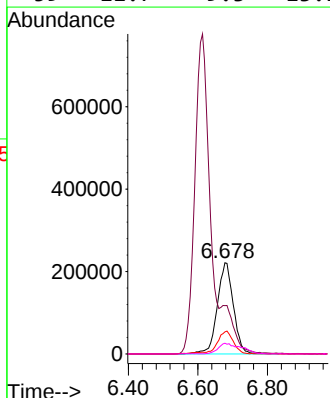
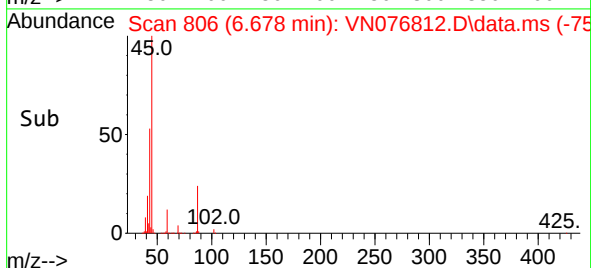
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

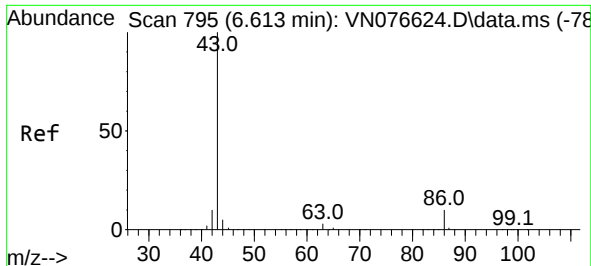


#22
Diisopropyl ether
Concen: 56.230 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 45 Resp: 710047
Ion Ratio Lower Upper
45 100
43 52.6 41.8 62.6
87 24.1 21.8 32.8
59 11.7 9.3 13.9





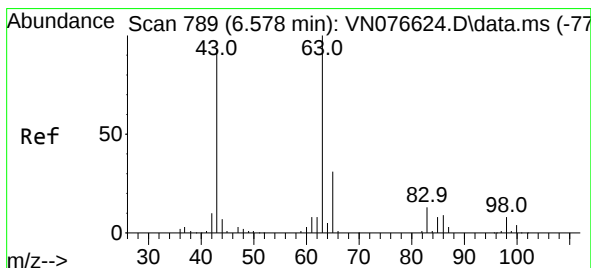
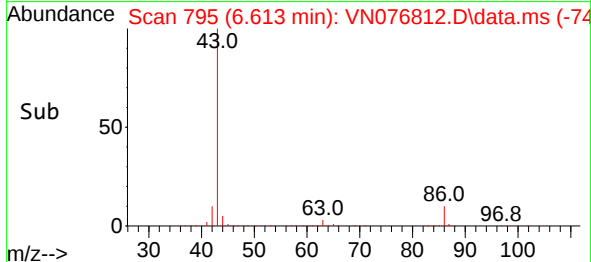
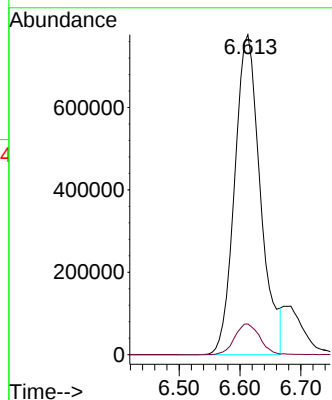
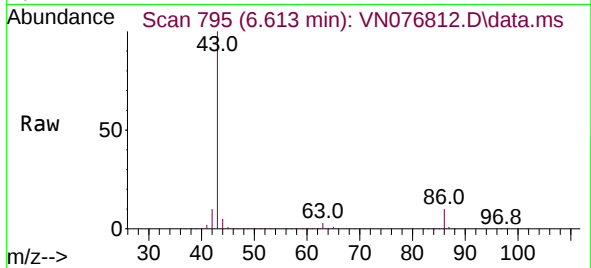
#23
 Vinyl Acetate
 Concen: 304.783 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2277109
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2

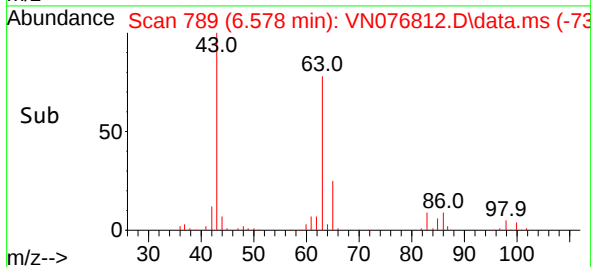
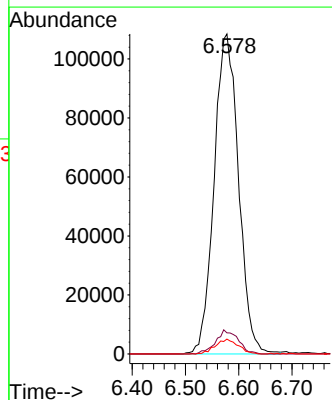
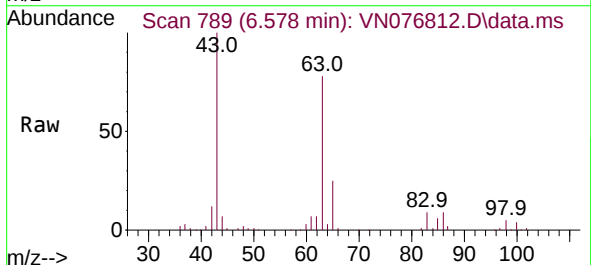
Manual Integrations
 APPROVED

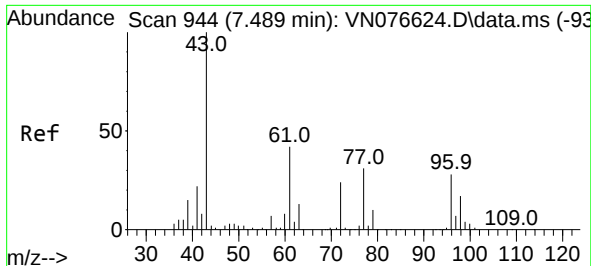
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#24
 1,1-Dichloroethane
 Concen: 49.900 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

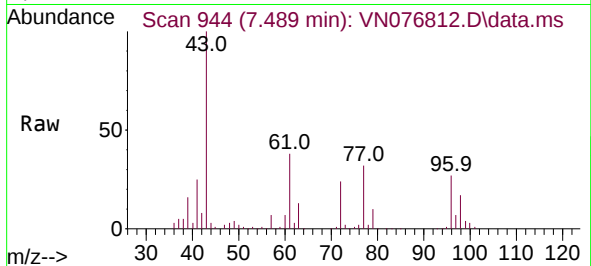
Tgt Ion: 63 Resp: 345332
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.1 12.3
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 262.298 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

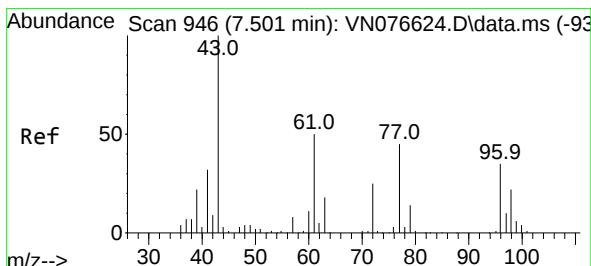
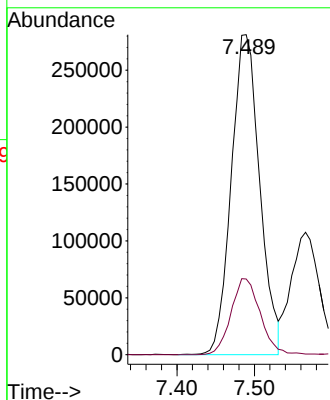
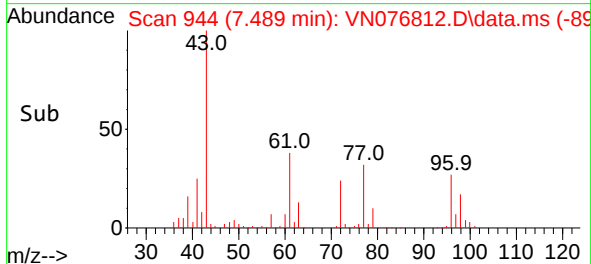
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



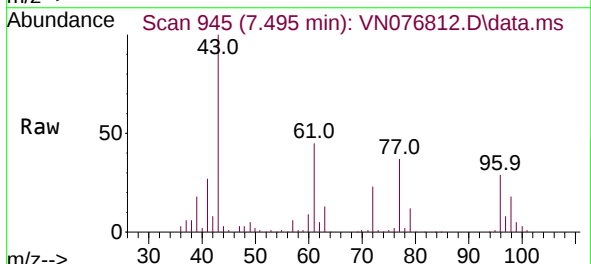
Tgt Ion: 43 Resp: 718395
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

Manual Integrations
APPROVED

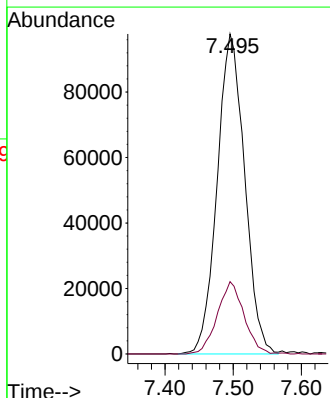
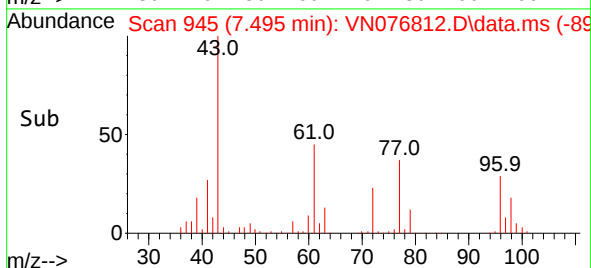
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

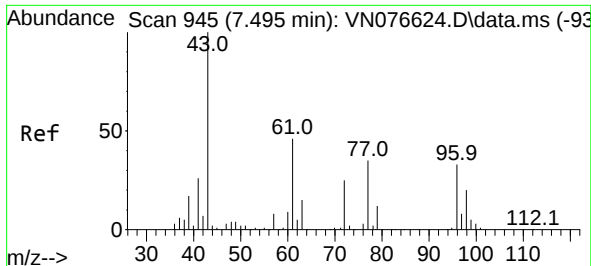


#26
2,2-Dichloropropane
Concen: 54.906 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 77 Resp: 274078
Ion Ratio Lower Upper
77 100
97 21.9 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 48.354 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN076812.D

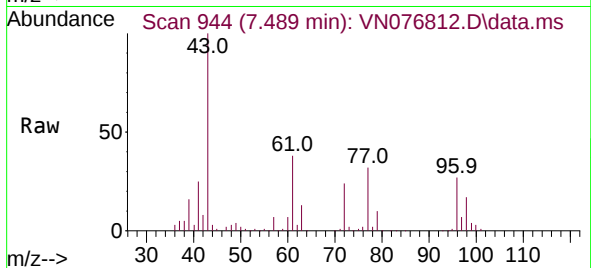
Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 200590

Ion Ratio Lower Upper

96 100

61 155.7 0.0 286.8

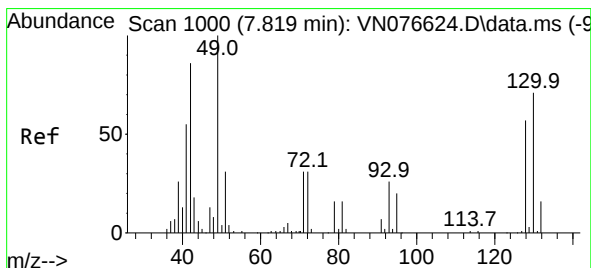
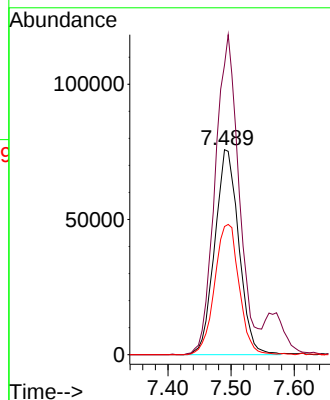
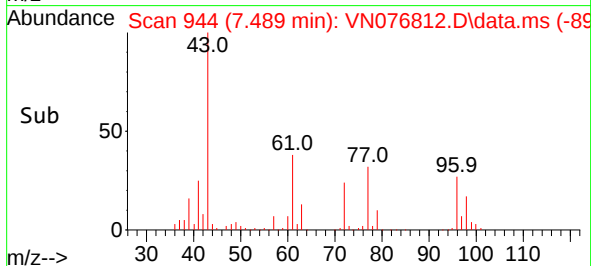
98 64.5 0.0 124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#28

Bromochloromethane

Concen: 53.969 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

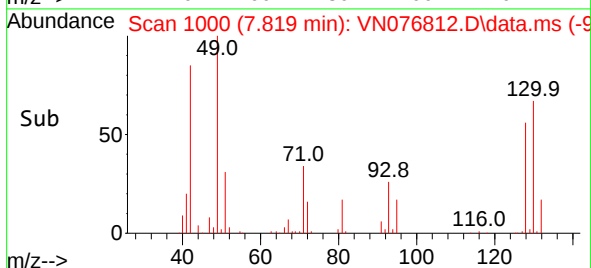
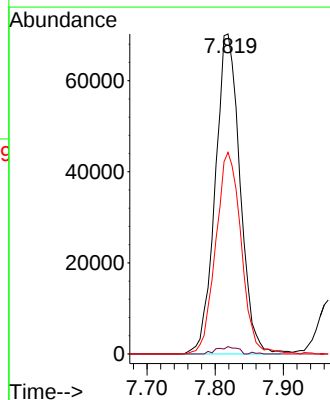
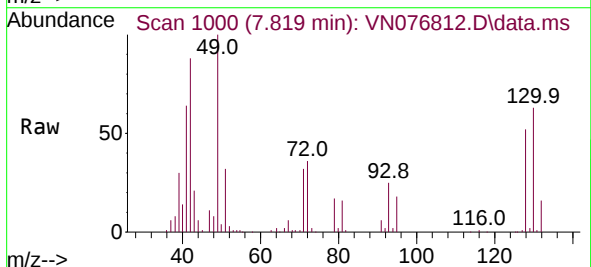
Tgt Ion: 49 Resp: 177763

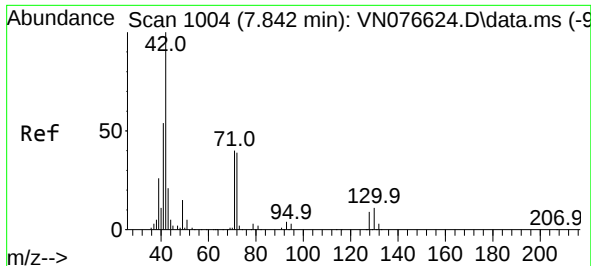
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 64.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 257.662 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN076812.D

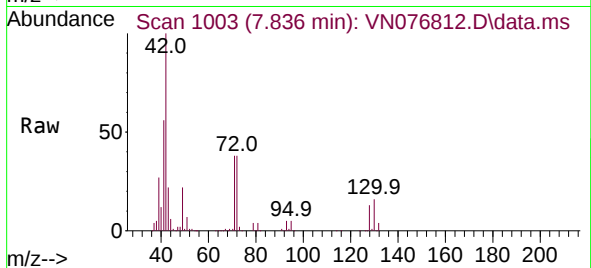
Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



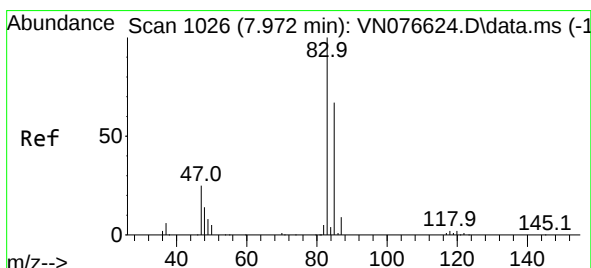
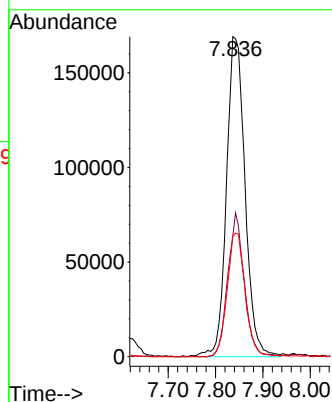
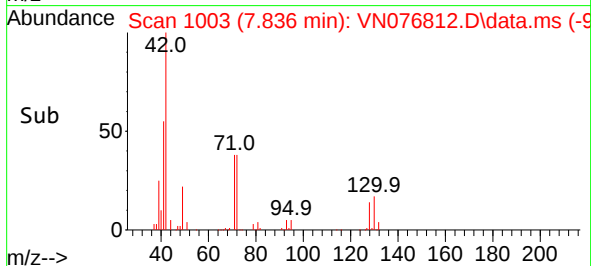
Tgt Ion:	42	Resp:	461072
Ion Ratio	100	Lower	Upper
42	100		
72	39.8	31.5	47.3
71	37.5	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#30

Chloroform

Concen: 51.517 ug/l

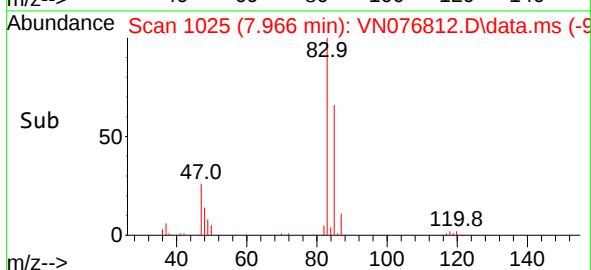
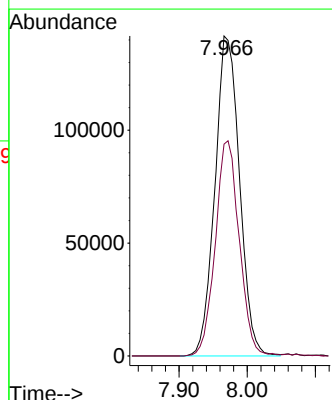
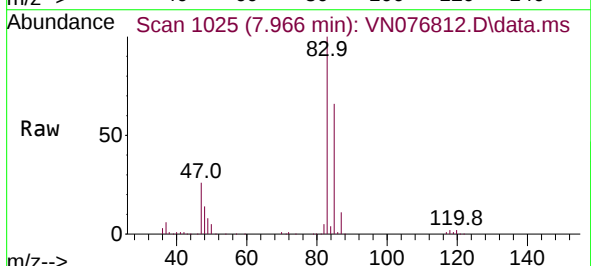
RT: 7.966 min Scan# 1025

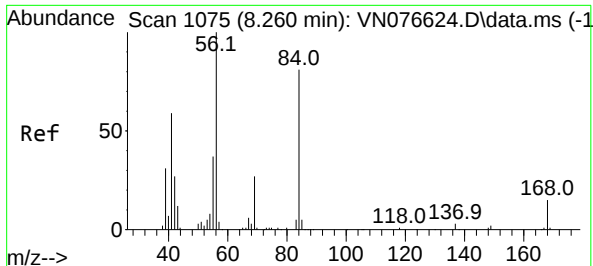
Delta R.T. -0.006 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

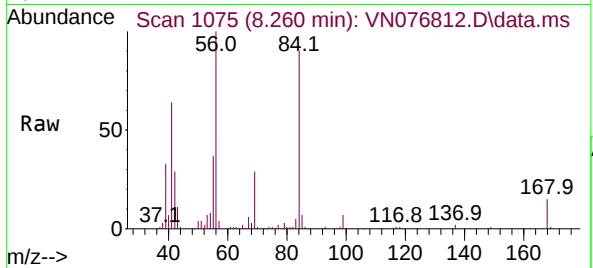
Tgt Ion:	83	Resp:	356214
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	53.5	80.3





#31
Cyclohexane
Concen: 47.191 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

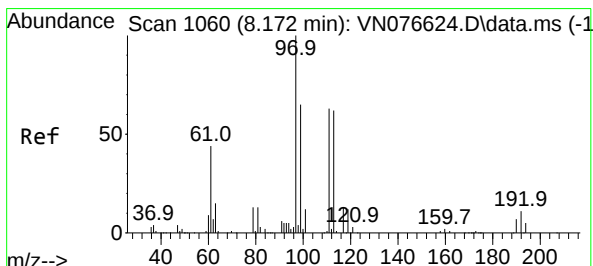
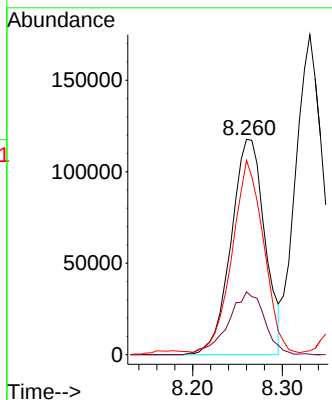
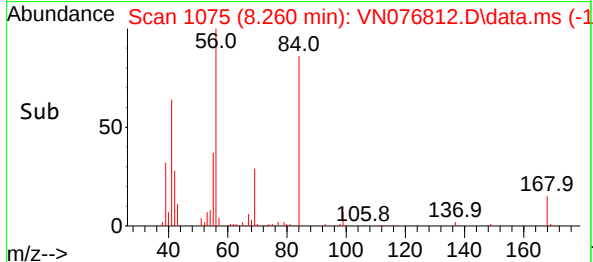
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



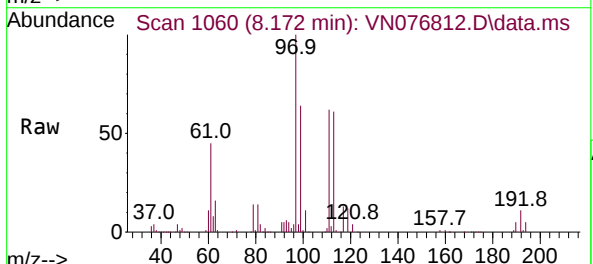
Tgt Ion: 56 Resp: 307700
Ion Ratio Lower Upper
56 100
69 29.2 21.6 32.4
84 88.6 65.1 97.7

Manual Integrations
APPROVED

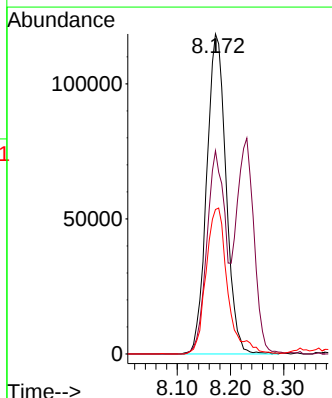
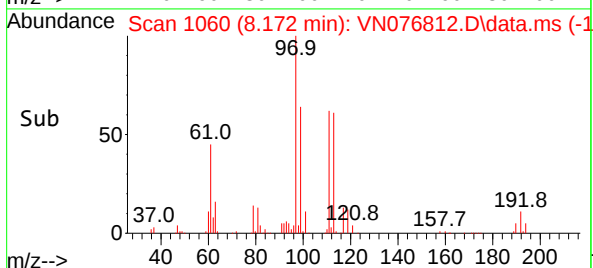
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

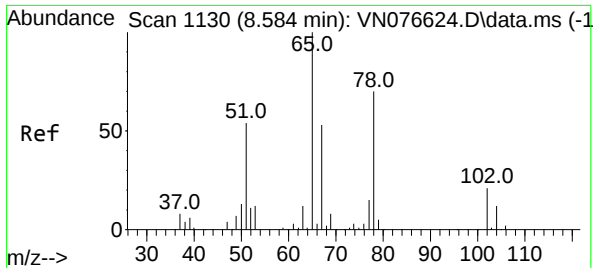


#32
1,1,1-Trichloroethane
Concen: 51.338 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 97 Resp: 298465
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 50.8 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 54.165 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 22515

Ion Ratio Lower Upper

65 100

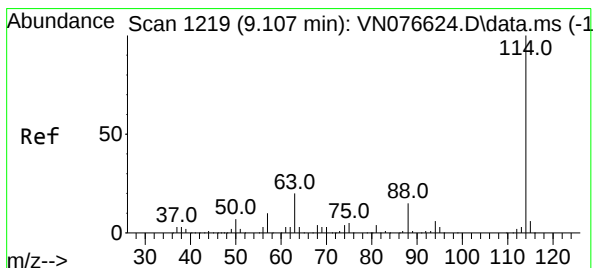
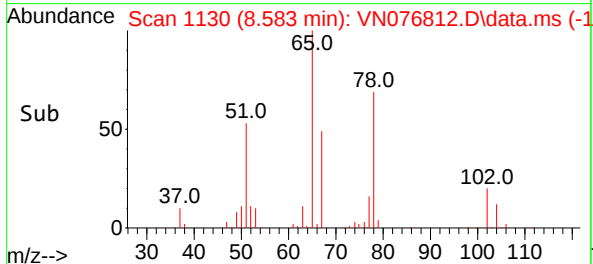
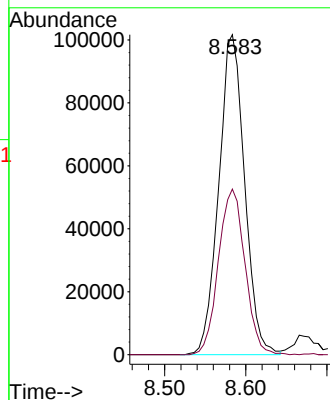
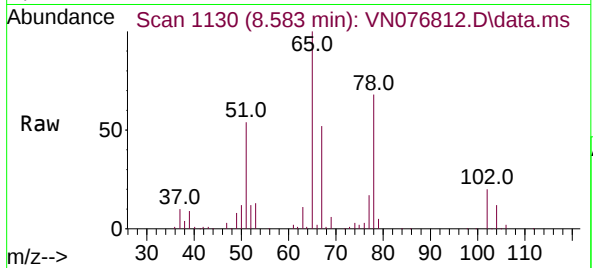
67 53.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

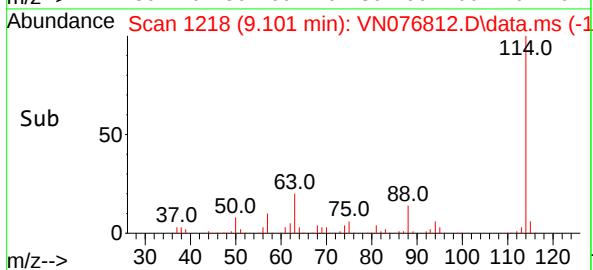
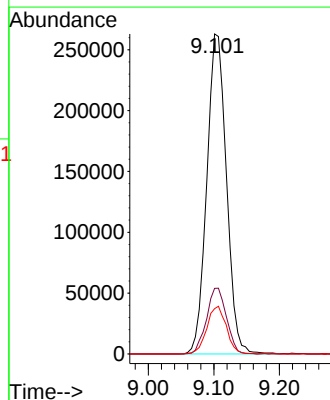
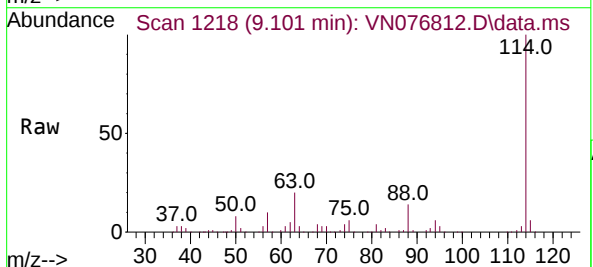
Tgt Ion:114 Resp: 548651

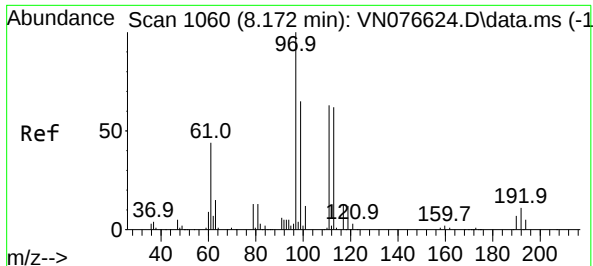
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

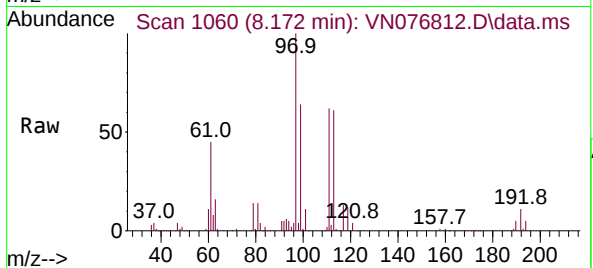
88 14.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 48.339 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

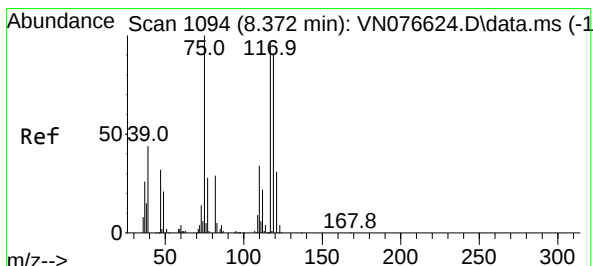
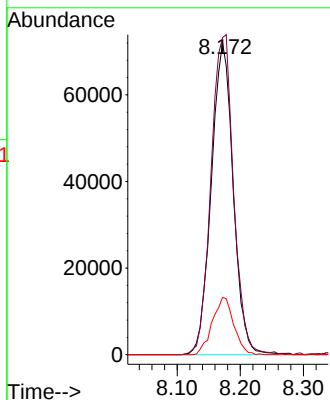
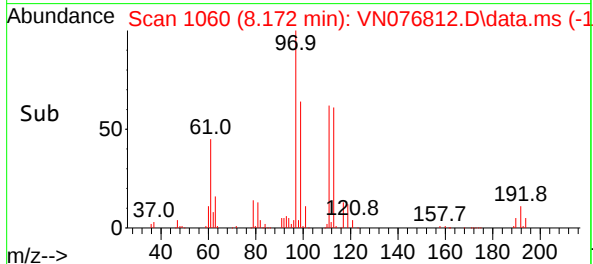
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



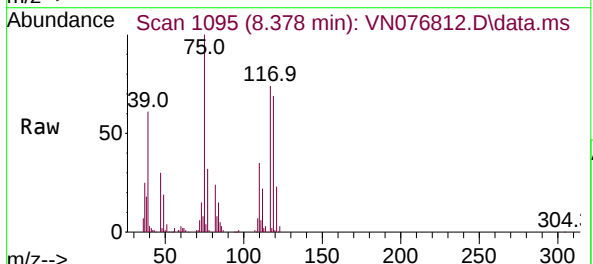
Tgt Ion: 113 Resp: 173684
Ion Ratio Lower Upper
113 100
111 105.7 83.1 124.7
192 17.9 15.6 23.4

Manual Integrations
APPROVED

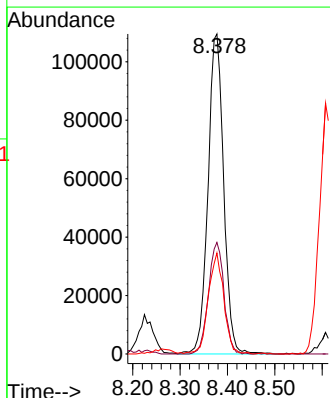
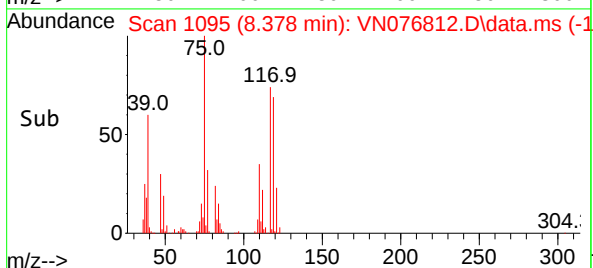
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

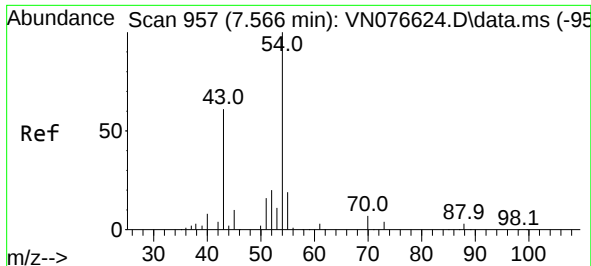


#36
1,1-Dichloropropene
Concen: 48.495 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 75 Resp: 251751
Ion Ratio Lower Upper
75 100
110 34.6 17.5 52.5
77 31.3 24.5 36.7





#37

Ethyl Acetate

Concen: 51.526 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28143

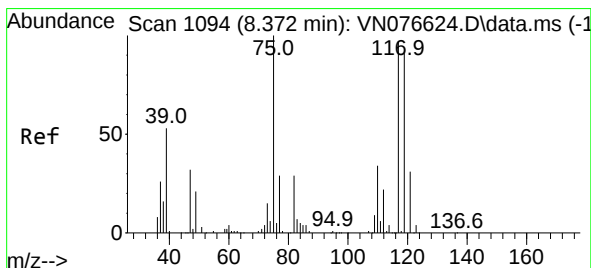
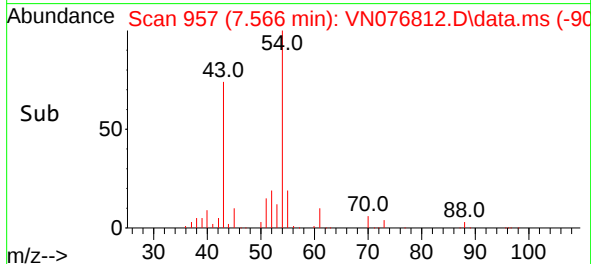
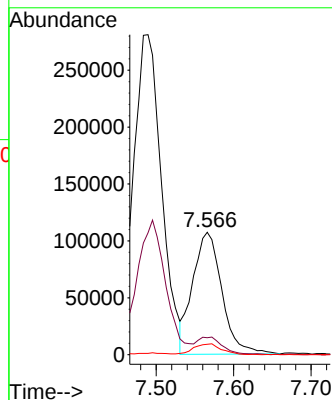
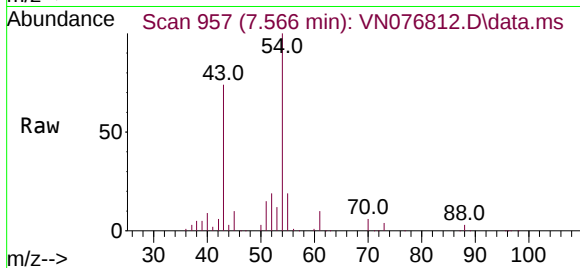
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	8.6	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#38

Carbon Tetrachloride

Concen: 47.849 ug/l

RT: 8.366 min Scan# 1093

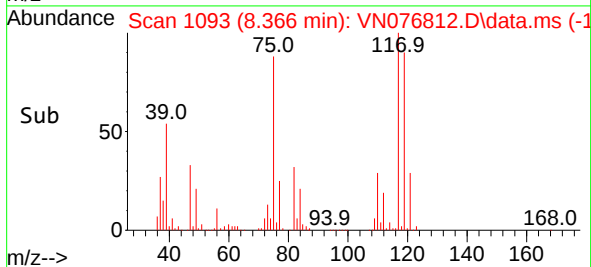
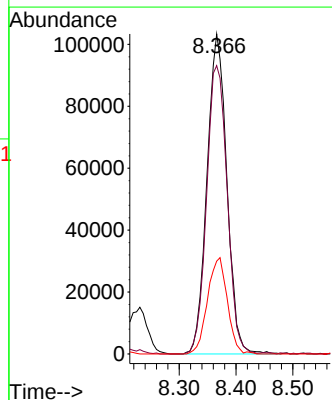
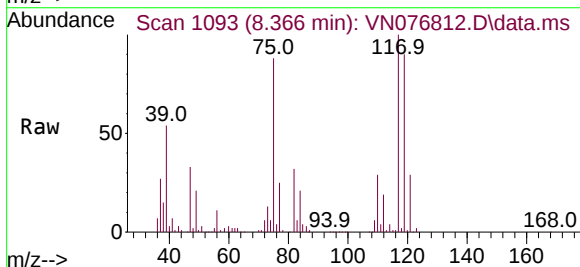
Delta R.T. -0.006 min

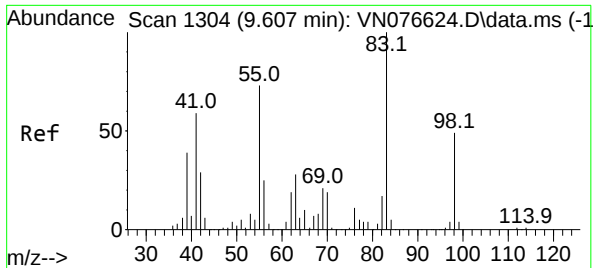
Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Tgt Ion:117 Resp: 250580

Ion	Ratio	Lower	Upper
117	100		
119	90.1	75.4	113.0
121	29.0	26.0	39.0





#39

Methylcyclohexane

Concen: 52.176 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

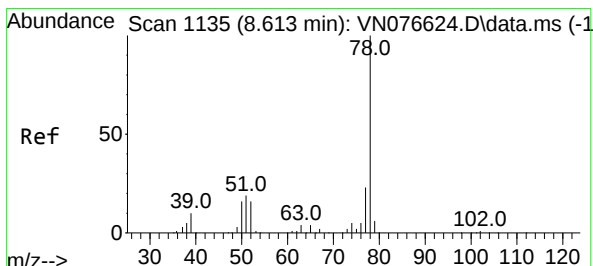
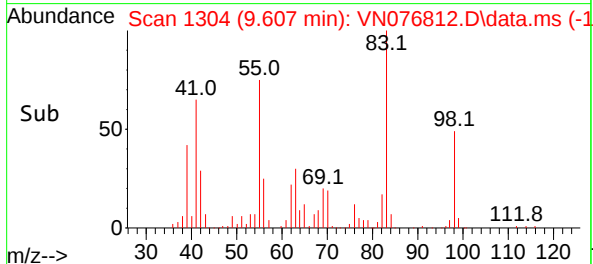
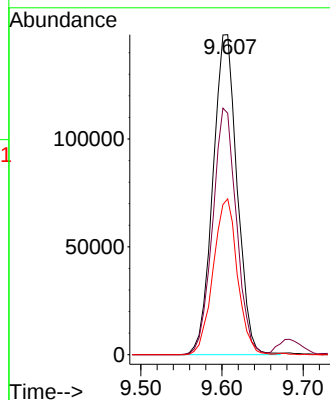
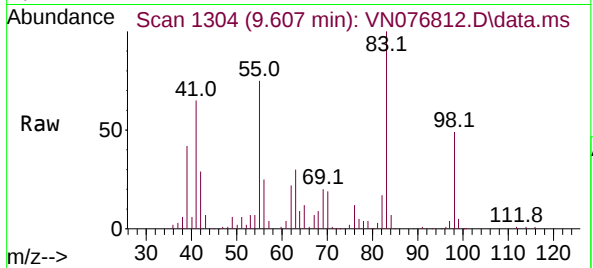
Tgt Ion: 83 Resp: 307880
 Ion Ratio Lower Upper
 83 100
 55 75.5 58.6 88.0
 98 48.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 50.167 ug/l

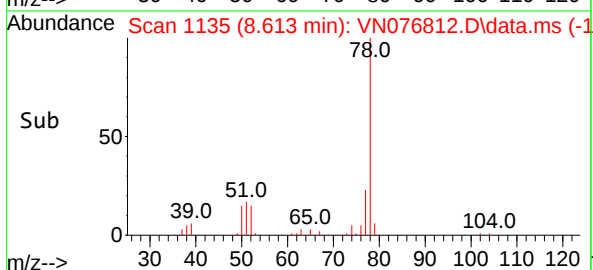
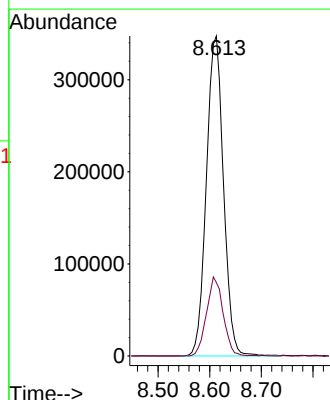
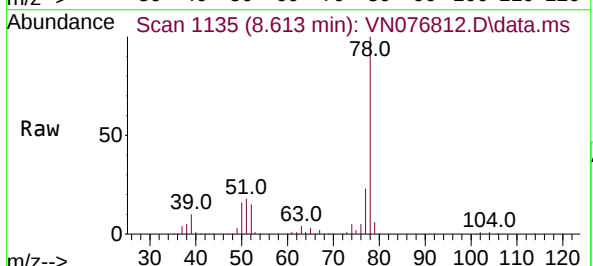
RT: 8.613 min Scan# 1135

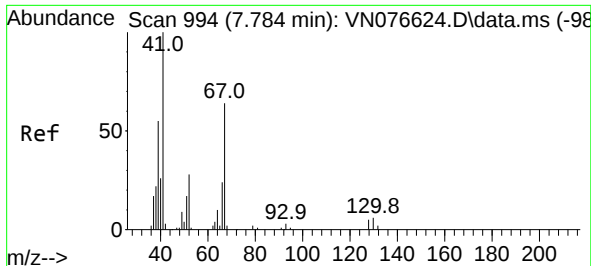
Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

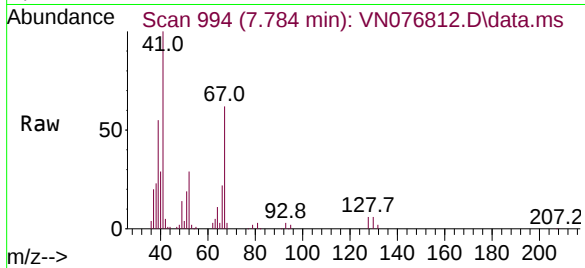
Tgt Ion: 78 Resp: 799763
 Ion Ratio Lower Upper
 78 100
 77 23.0 18.2 27.4





#41
Methacrylonitrile
Concen: 48.389 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

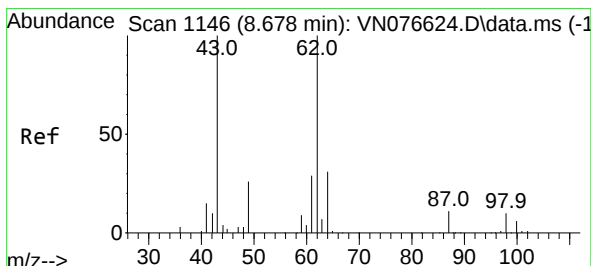
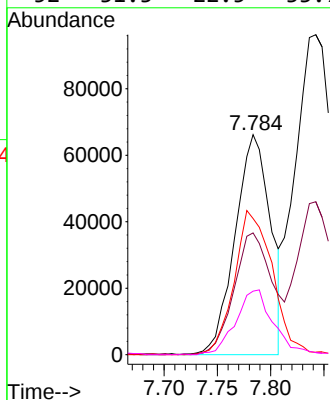
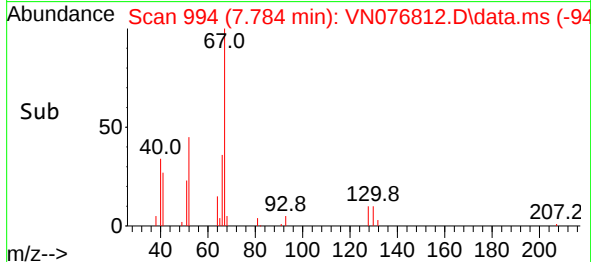
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



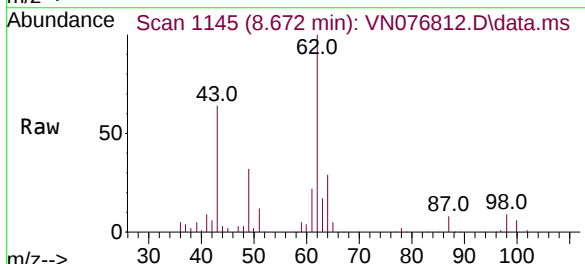
Tgt Ion: 41 Resp: 15311
Ion Ratio Lower Upper
41 100
39 60.8 42.6 63.8
67 71.2 51.4 77.0
52 31.3 22.5 33.7

Manual Integrations
APPROVED

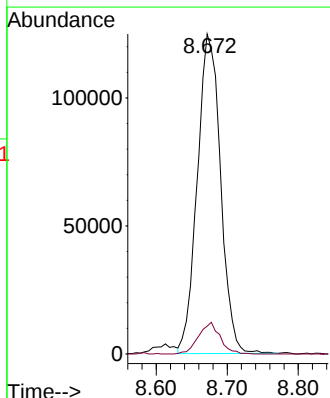
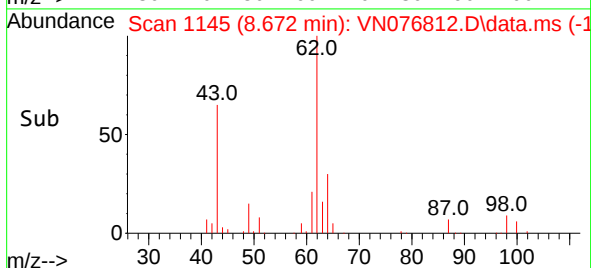
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

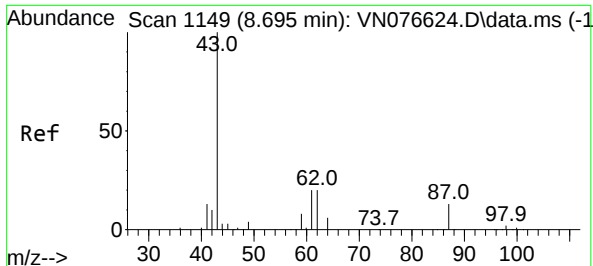


#42
1,2-Dichloroethane
Concen: 51.297 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 62 Resp: 285220
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43

Isopropyl Acetate

Concen: 55.182 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 490448

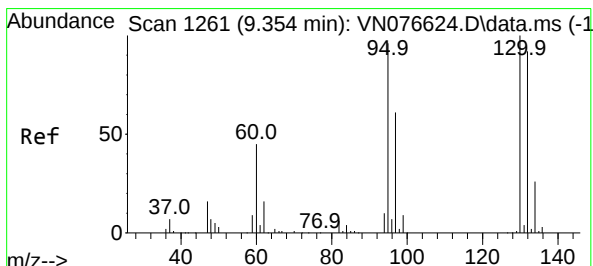
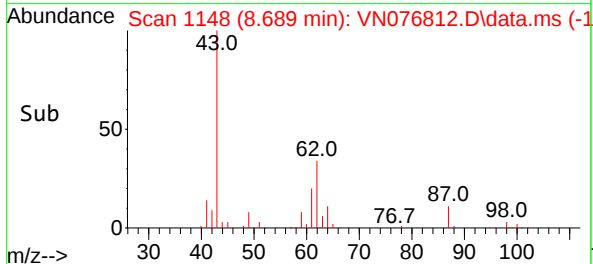
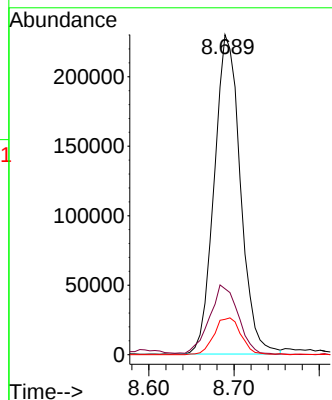
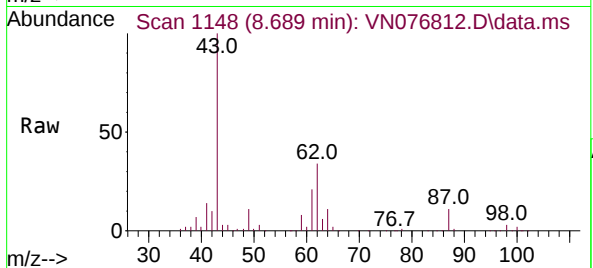
Ion	Ratio	Lower	Upper
43	100		
61	23.8	20.0	30.0
87	11.9	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#44

Trichloroethene

Concen: 47.728 ug/l

RT: 9.354 min Scan# 1261

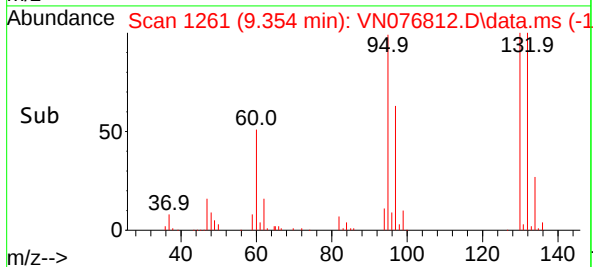
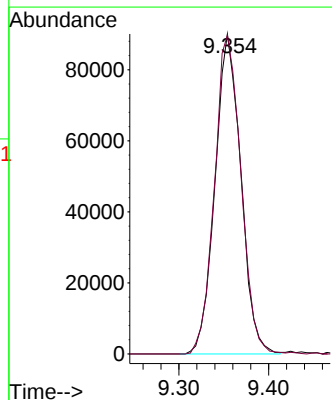
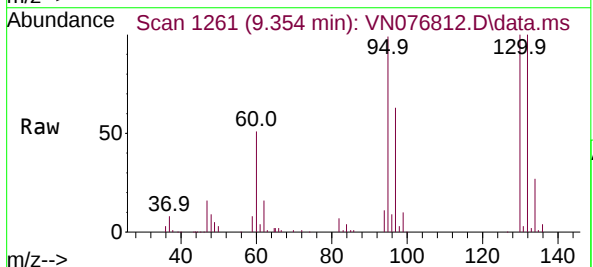
Delta R.T. 0.000 min

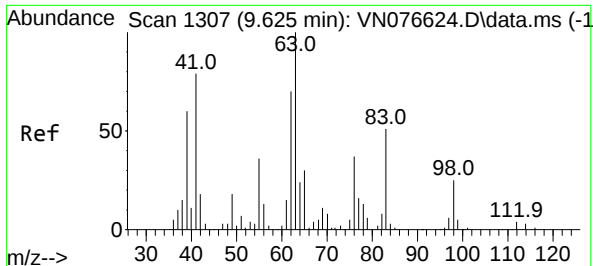
Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Tgt Ion:130 Resp: 179806

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	191.4





#45

1,2-Dichloropropane

Concen: 52.089 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21982

Ion Ratio Lower Upper

63 100

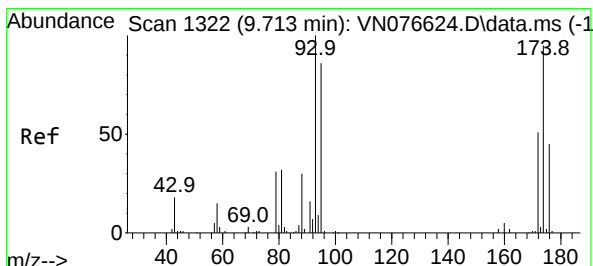
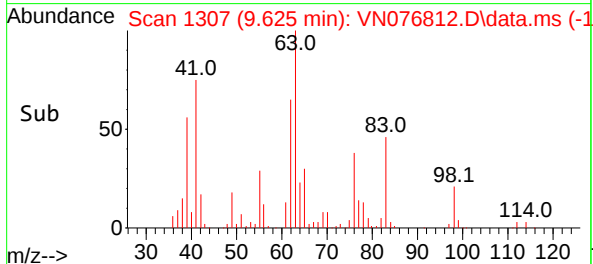
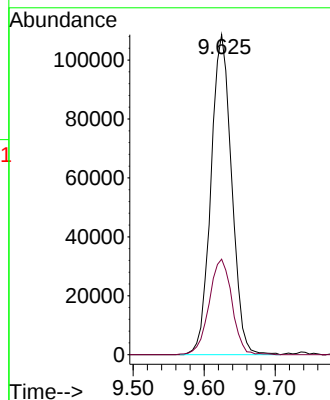
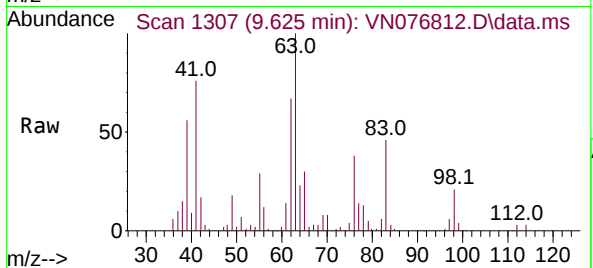
65 29.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#46

Dibromomethane

Concen: 52.006 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

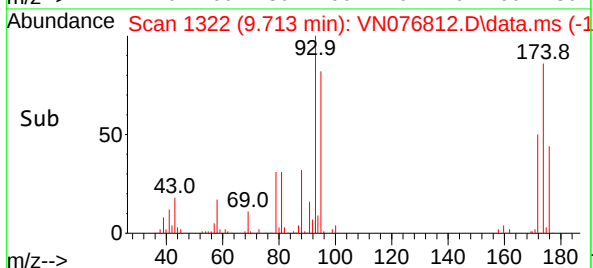
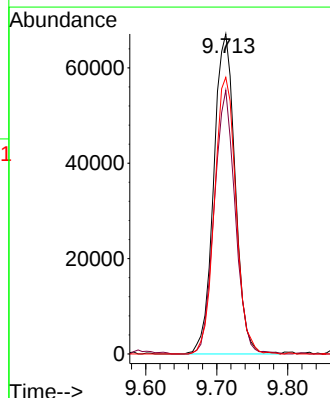
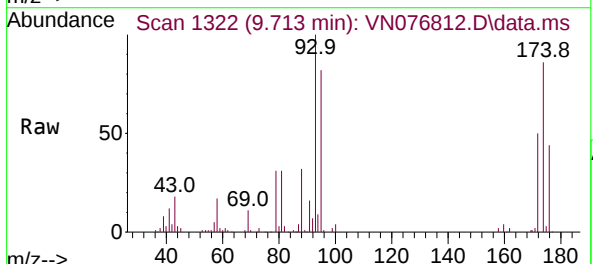
Tgt Ion: 93 Resp: 140311

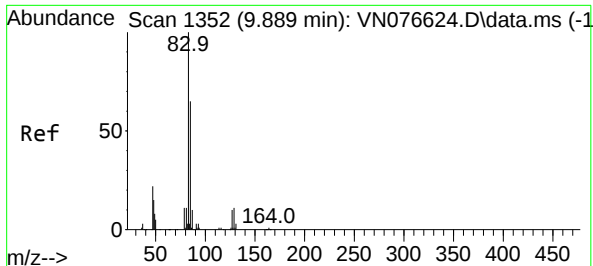
Ion Ratio Lower Upper

93 100

95 80.7 66.0 99.0

174 86.7 75.8 113.8





#47

Bromodichloromethane

Concen: 51.847 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 280449

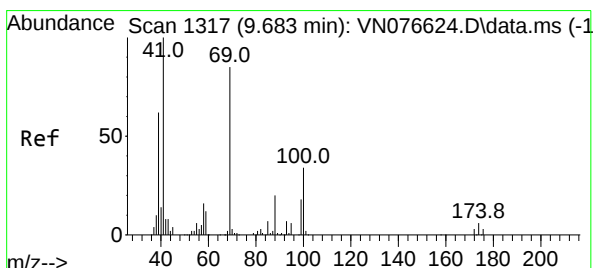
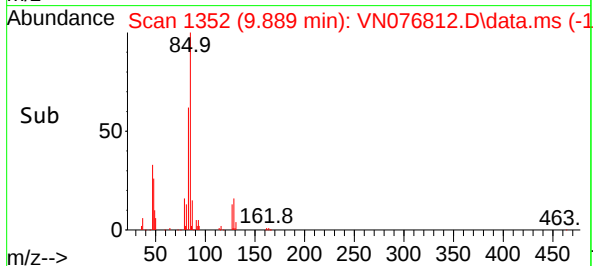
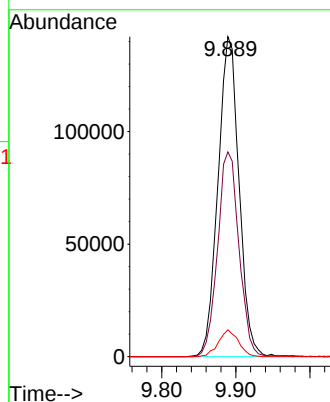
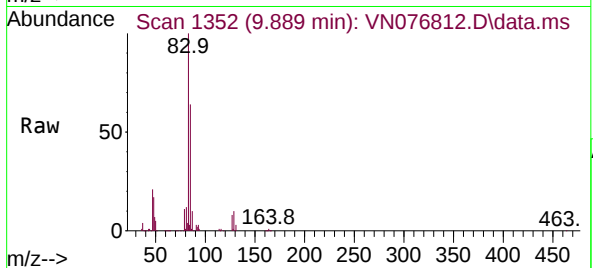
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	8.4	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#48

Methyl methacrylate

Concen: 53.453 ug/l

RT: 9.683 min Scan# 1317

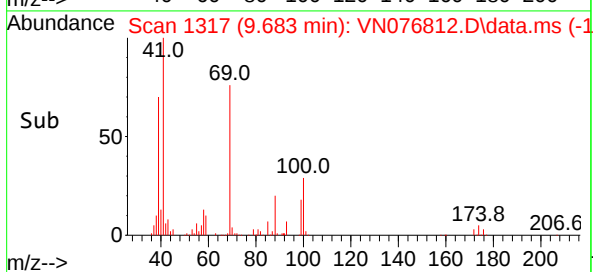
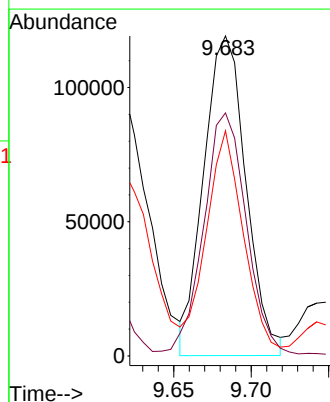
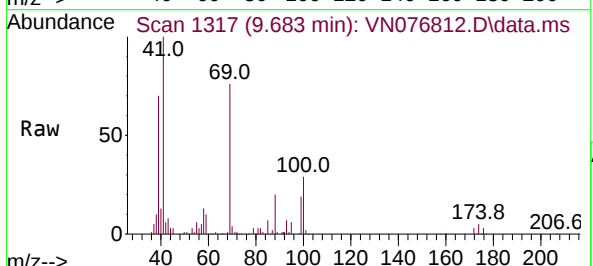
Delta R.T. 0.000 min

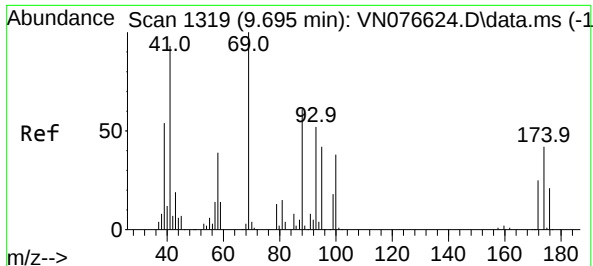
Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Tgt Ion: 41 Resp: 225436

Ion	Ratio	Lower	Upper
41	100		
69	78.7	65.4	98.0
39	62.7	49.3	73.9





#49

1,4-Dioxane

Concen: 1074.964 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

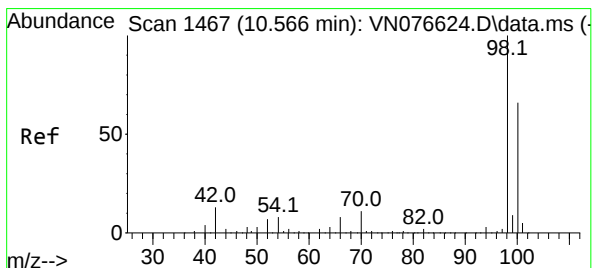
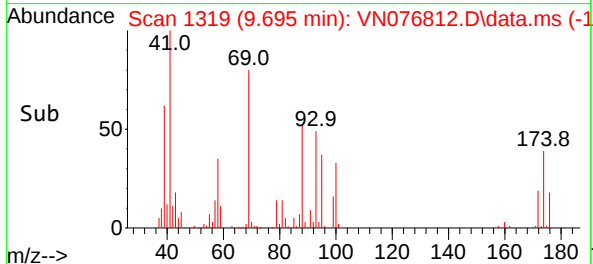
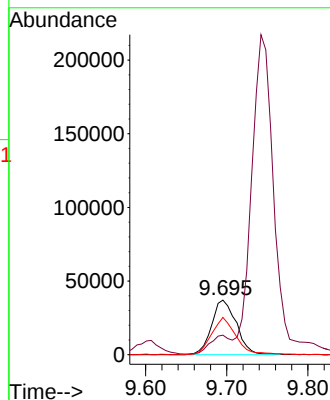
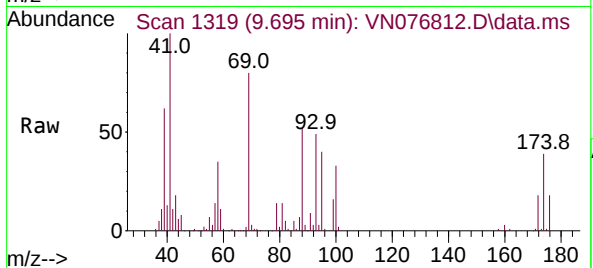
Tgt Ion: 88 Resp: 78424
 Ion Ratio Lower Upper
 88 100
 43 29.5 22.6 33.8
 58 67.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 52.893 ug/l

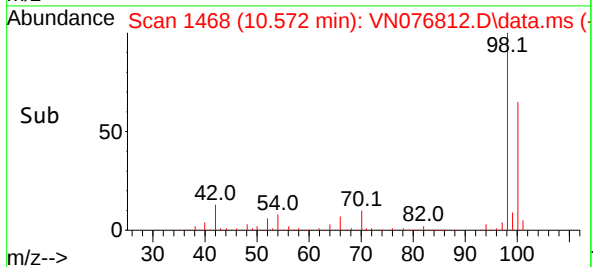
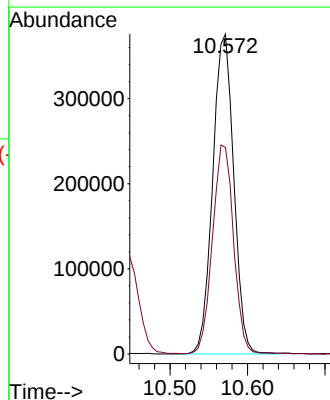
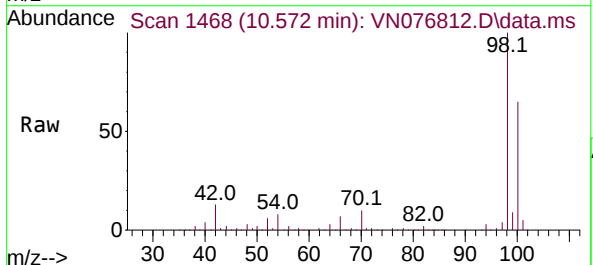
RT: 10.572 min Scan# 1468

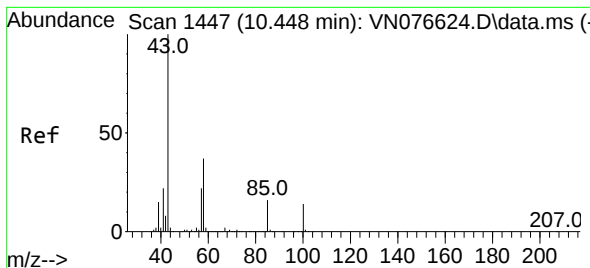
Delta R.T. 0.006 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

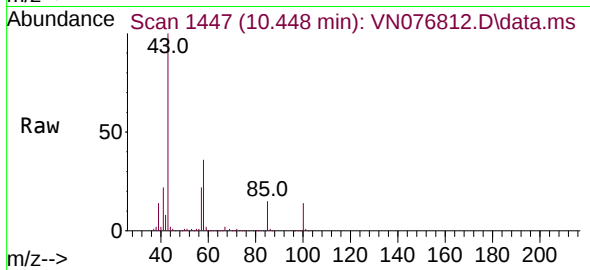
Tgt Ion: 98 Resp: 709731
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 269.185 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

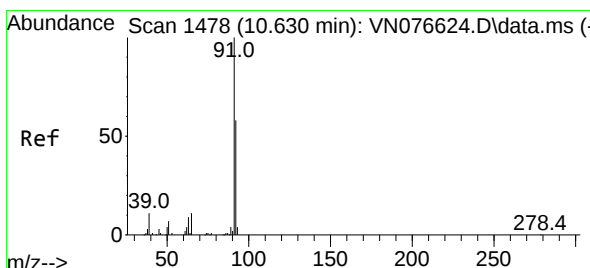
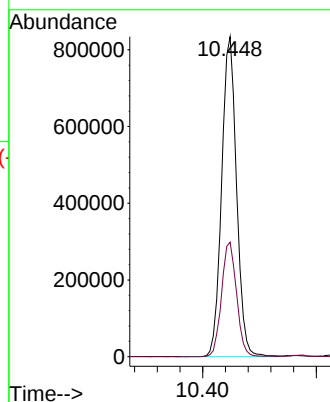
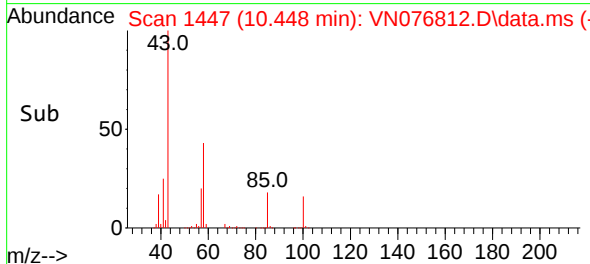
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1522209
Ion Ratio Lower Upper
43 100
58 36.1 29.5 44.3

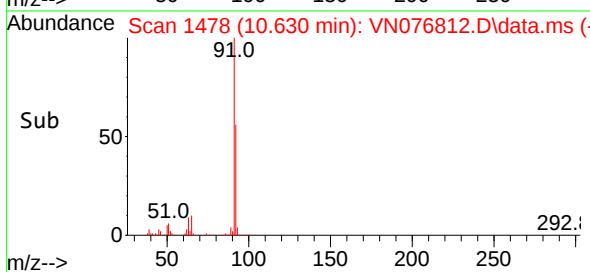
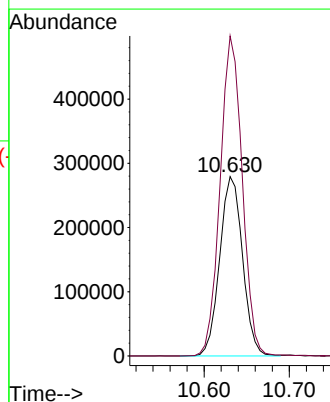
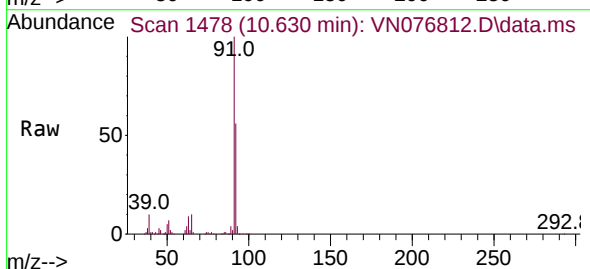
Manual Integrations
APPROVED

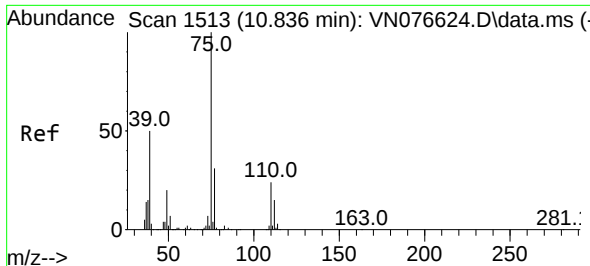
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#52
Toluene
Concen: 54.090 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

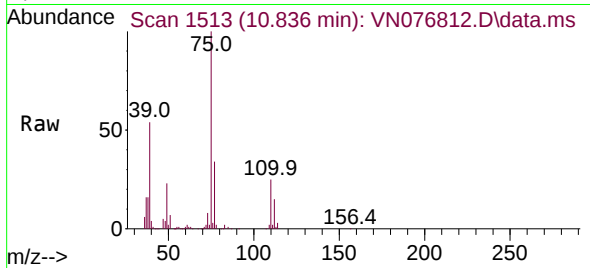
Tgt Ion: 92 Resp: 520616
Ion Ratio Lower Upper
92 100
91 173.2 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 57.638 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

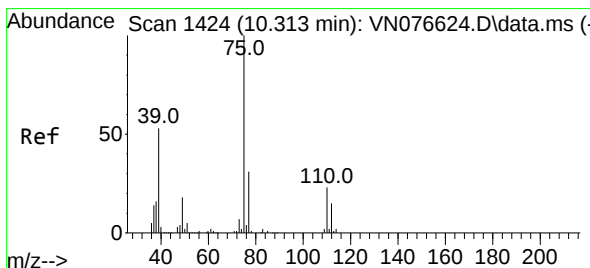
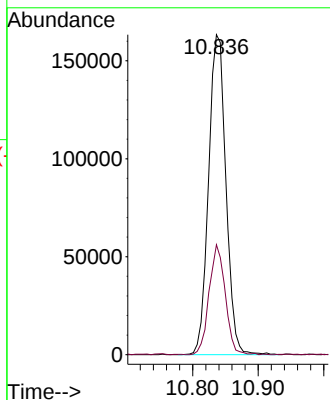
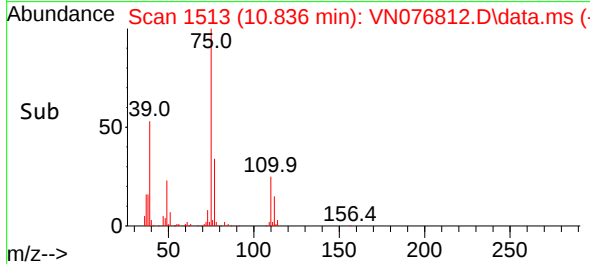
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 30092
Ion Ratio Lower Upper
75 100
77 34.3 24.6 37.0

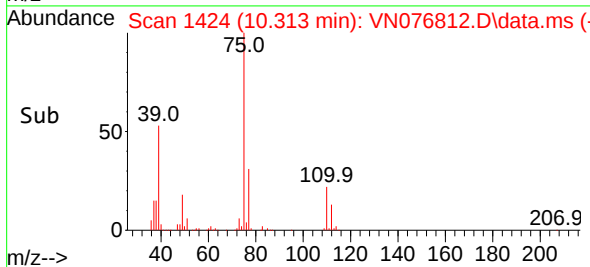
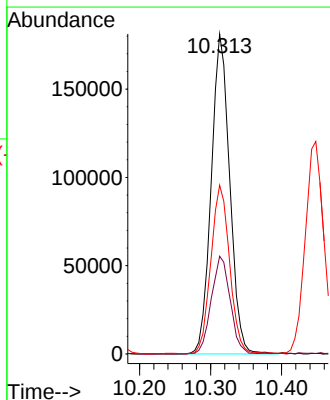
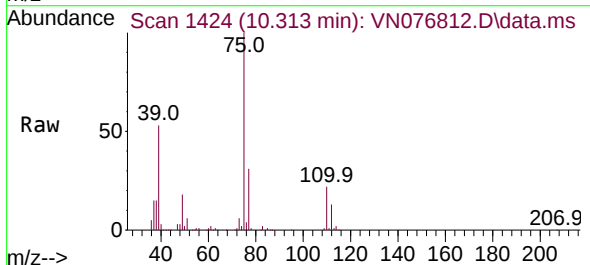
Manual Integrations
APPROVED

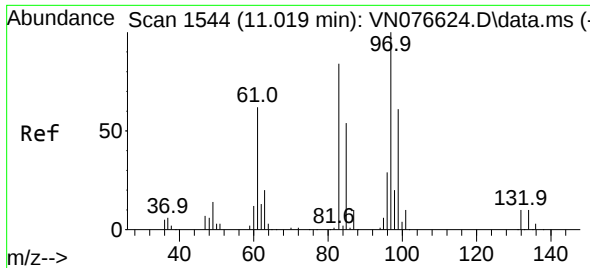
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#54
cis-1,3-Dichloropropene
Concen: 54.316 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

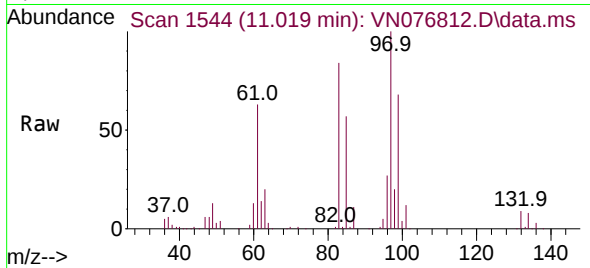
Tgt Ion: 75 Resp: 327104
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 52.6 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 52.799 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

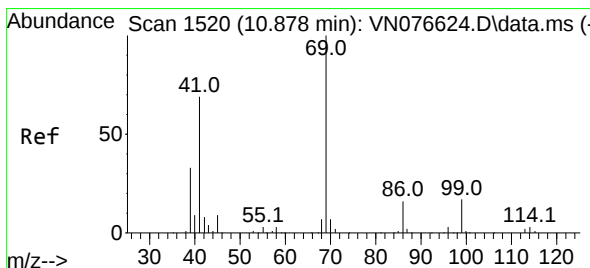
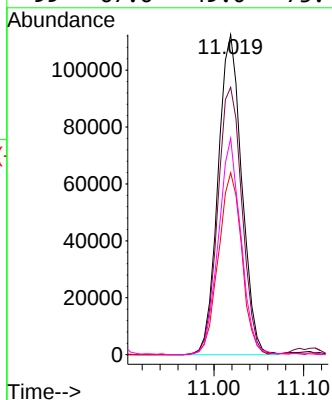
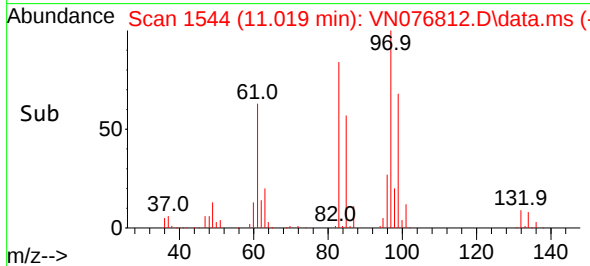
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



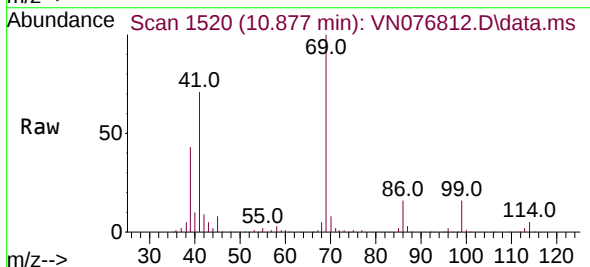
Tgt Ion: 97 Resp: 206640
Ion Ratio Lower Upper
97 100
83 83.5 67.3 100.9
85 56.9 43.2 64.8
99 67.6 49.0 73.4

Manual Integrations
APPROVED

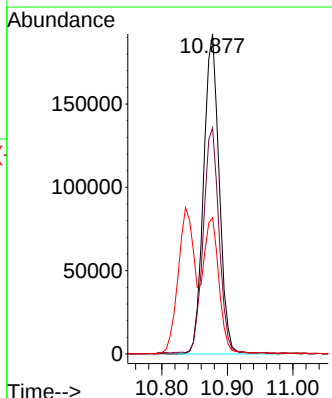
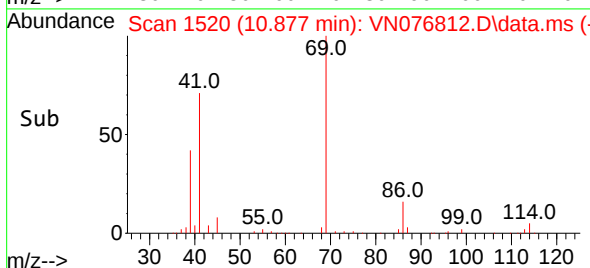
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

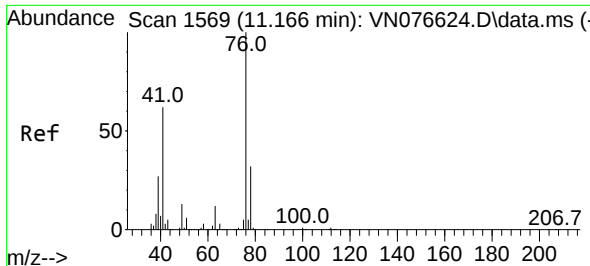


#56
Ethyl methacrylate
Concen: 57.834 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 69 Resp: 318608
Ion Ratio Lower Upper
69 100
41 70.9 55.1 82.7
39 42.6 30.7 46.1





#57

1,3-Dichloropropane

Concen: 52.741 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 35463

Ion Ratio Lower Upper

76 100

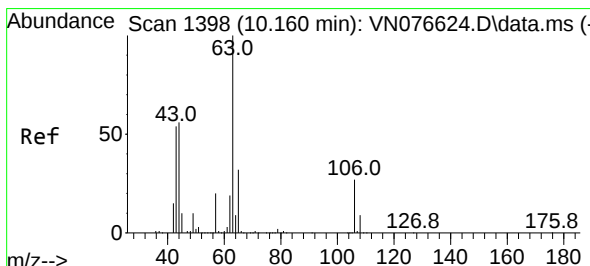
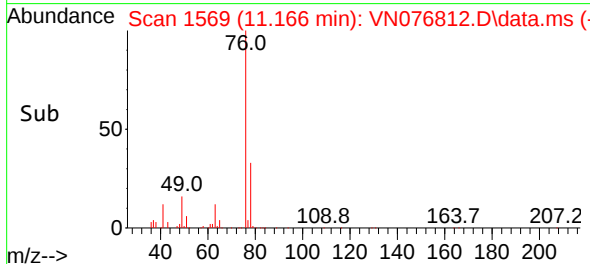
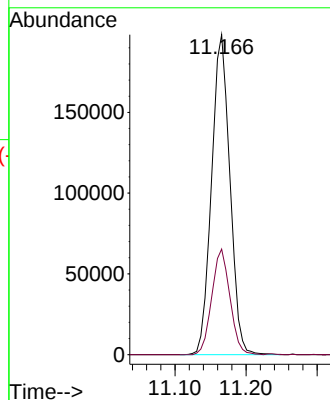
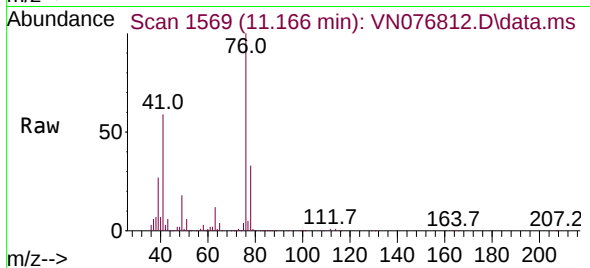
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.962 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076812.D

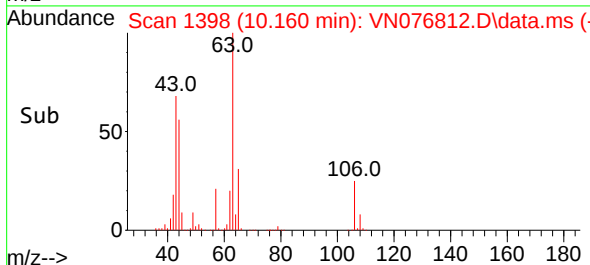
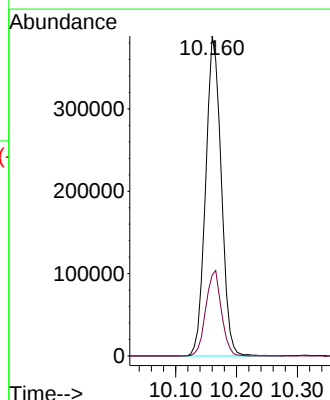
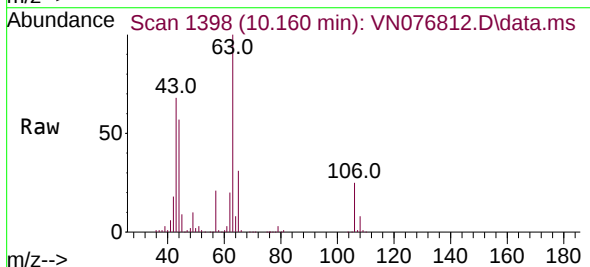
Acq: 24 Feb 2023 16:37

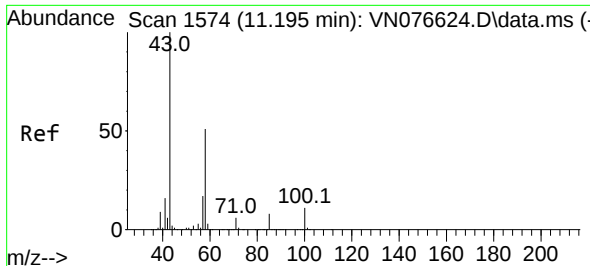
Tgt Ion: 63 Resp: 691202

Ion Ratio Lower Upper

63 100

106 26.6 22.3 33.5





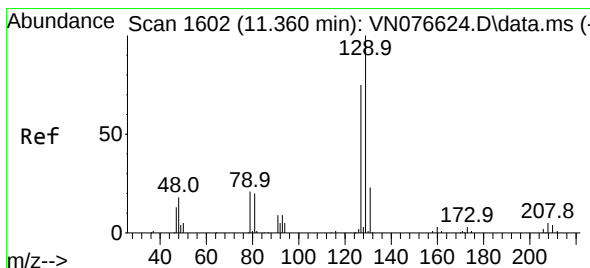
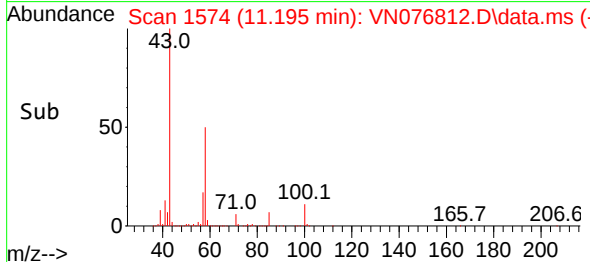
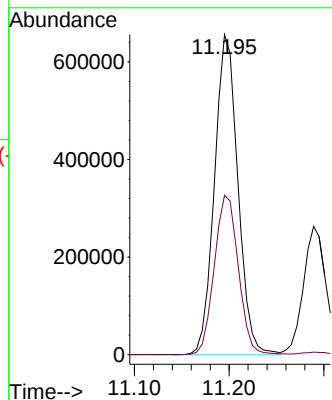
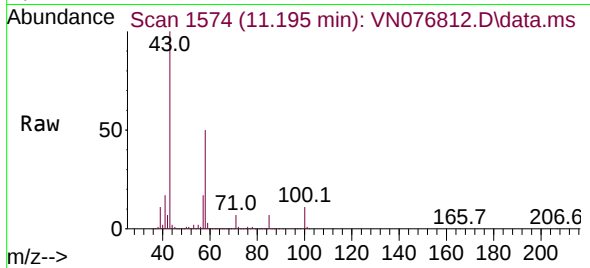
#59
2-Hexanone
Concen: 276.689 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 112816
Ion Ratio Lower Upper
43 100
58 51.1 25.4 76.0

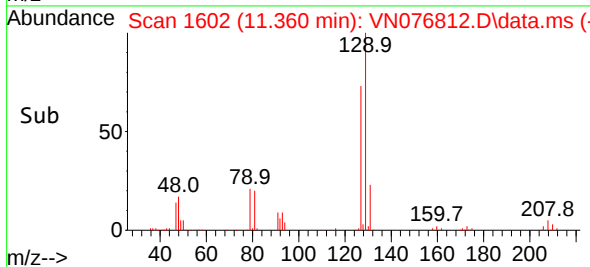
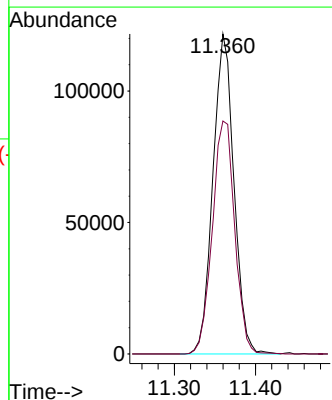
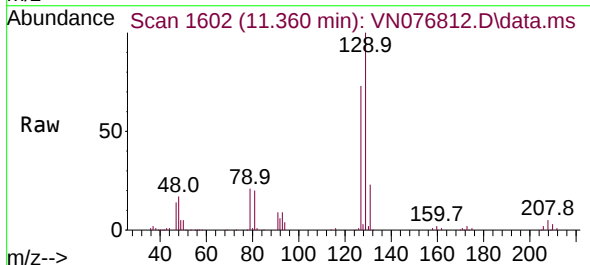
Manual Integrations
APPROVED

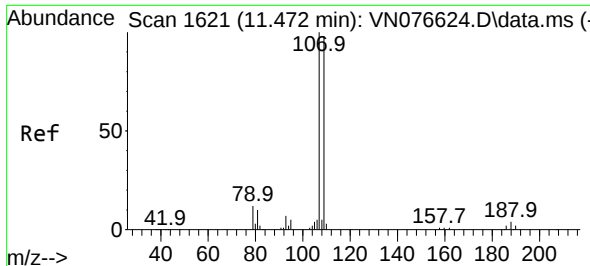
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 52.950 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

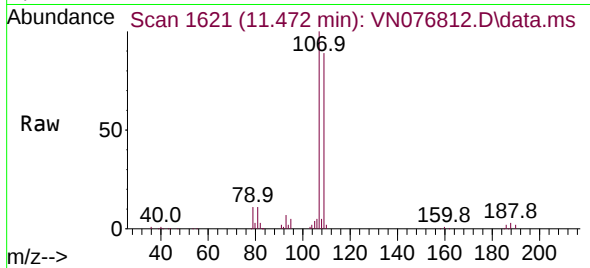
Tgt Ion:129 Resp: 218410
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.681 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

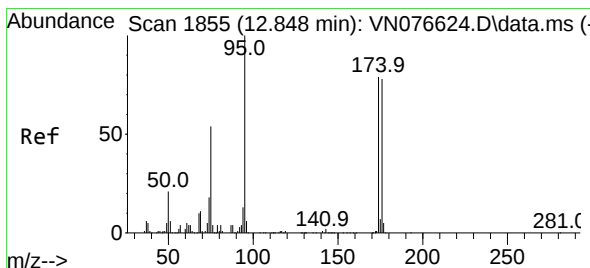
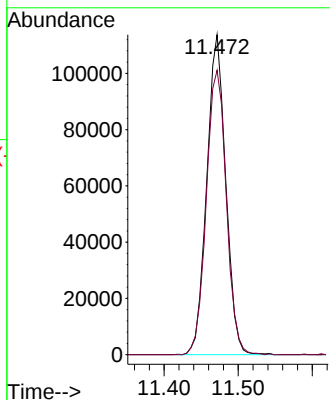
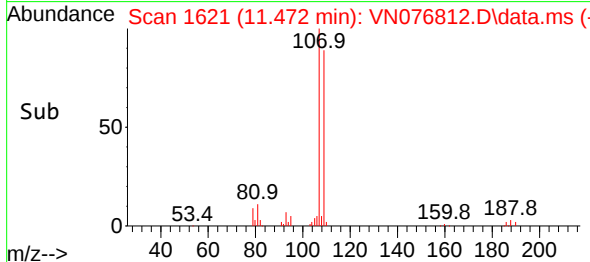
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



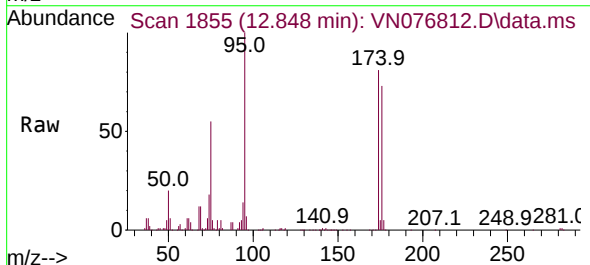
Tgt Ion:107 Resp: 202463
Ion Ratio Lower Upper
107 100
109 93.7 76.8 115.2

Manual Integrations
APPROVED

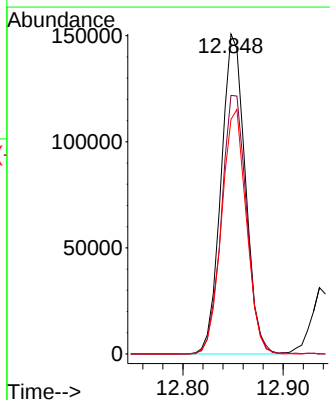
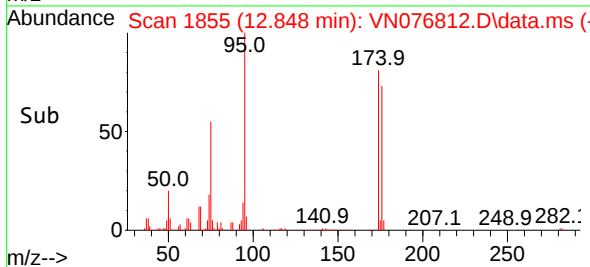
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

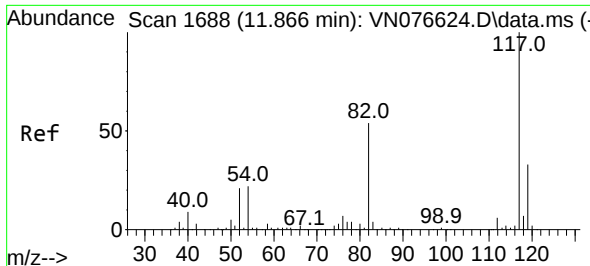


#62
4-Bromofluorobenzene
Concen: 56.796 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



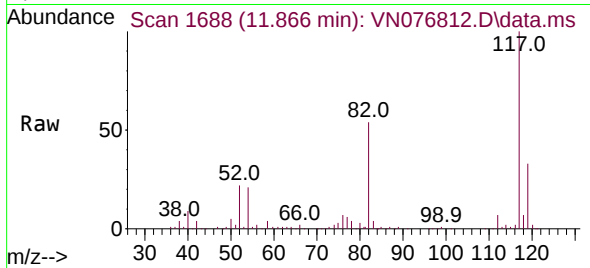
Tgt Ion: 95 Resp: 252411
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.2
176 78.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

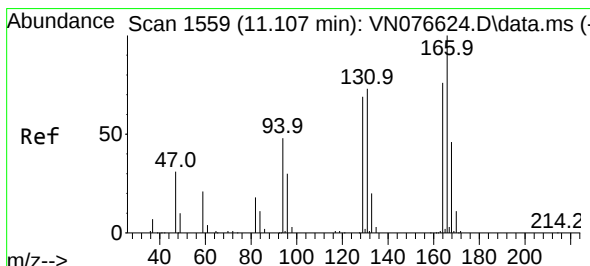
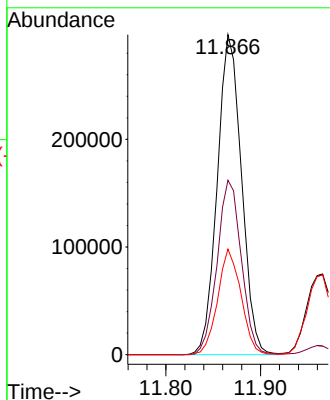
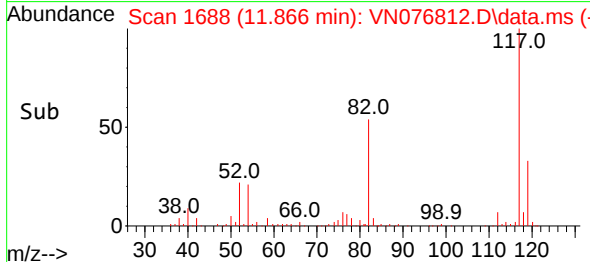
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 528915
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.2
119 33.0 26.1 39.1

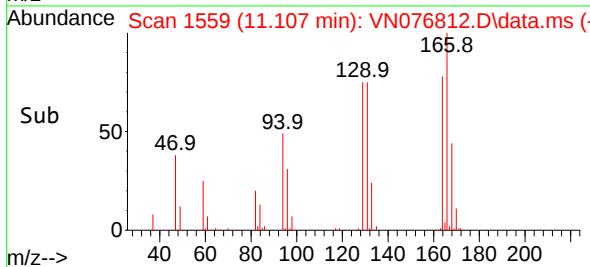
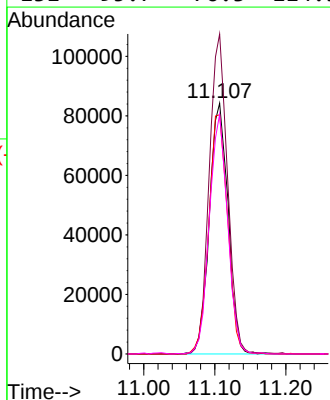
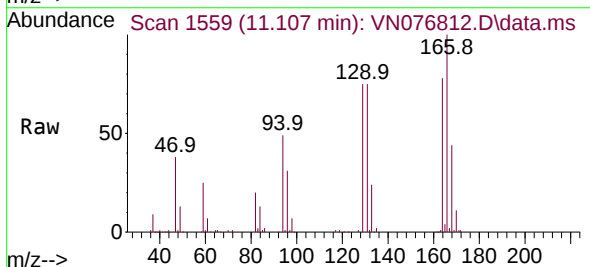
Manual Integrations
APPROVED

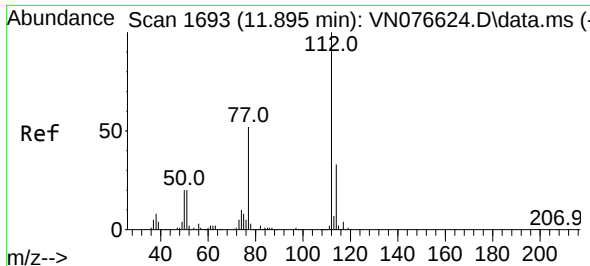
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#64
Tetrachloroethene
Concen: 46.191 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

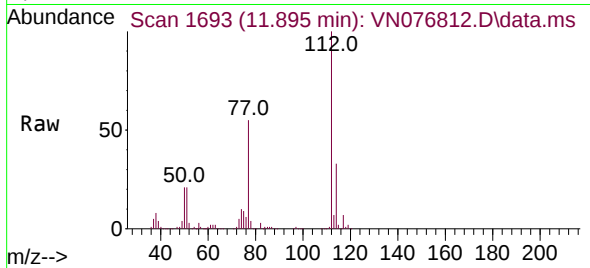
Tgt Ion:164 Resp: 153962
Ion Ratio Lower Upper
164 100
166 127.6 104.8 157.2
129 95.4 72.2 108.2
131 95.7 76.3 114.5





#65
Chlorobenzene
Concen: 49.373 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

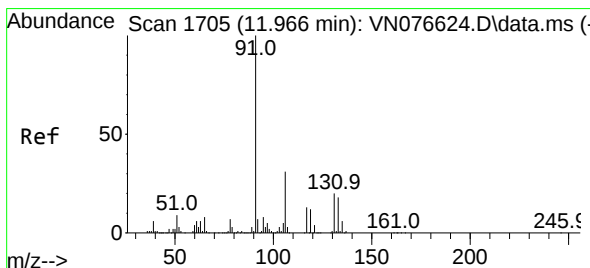
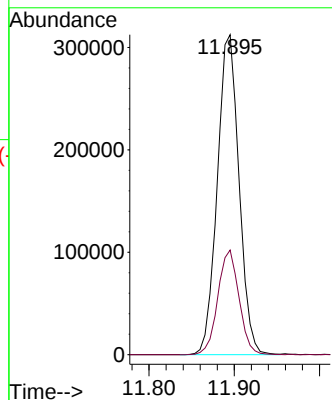
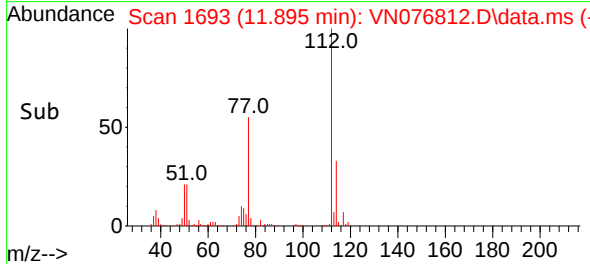
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



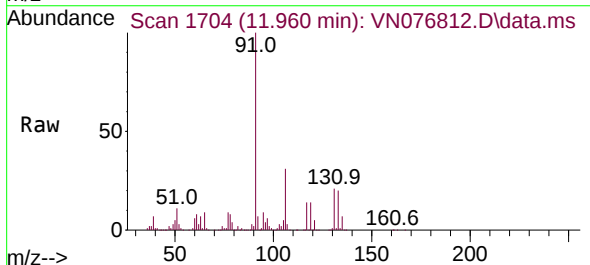
Tgt Ion:112 Resp: 553430
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6

Manual Integrations
APPROVED

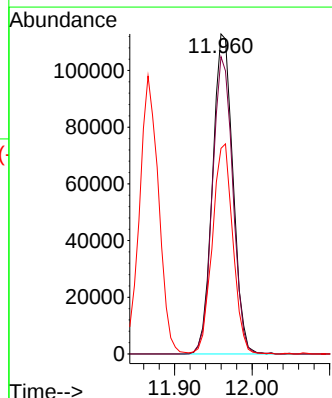
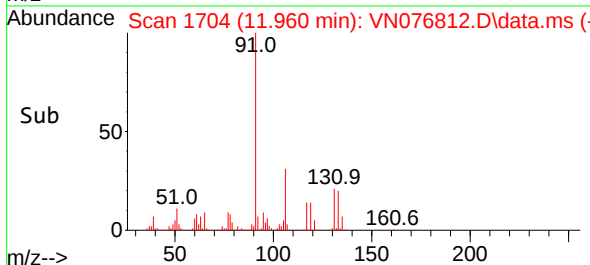
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

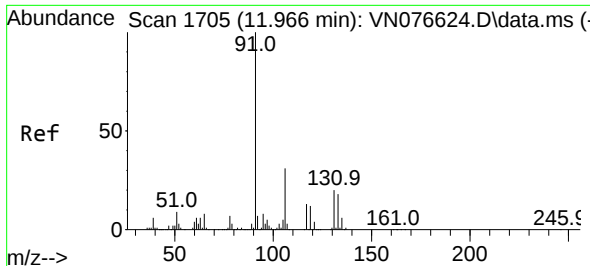


#66
1,1,1,2-Tetrachloroethane
Concen: 50.552 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



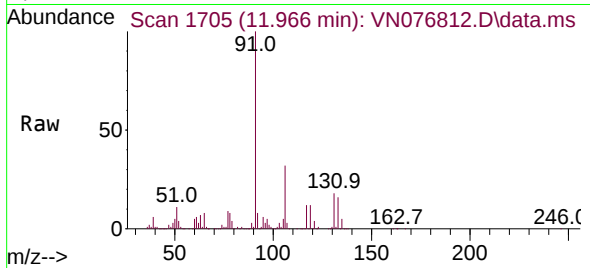
Tgt Ion:131 Resp: 205822
Ion Ratio Lower Upper
131 100
133 92.7 47.0 141.0
119 66.1 32.3 96.8





#67
Ethyl Benzene
Concen: 52.600 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

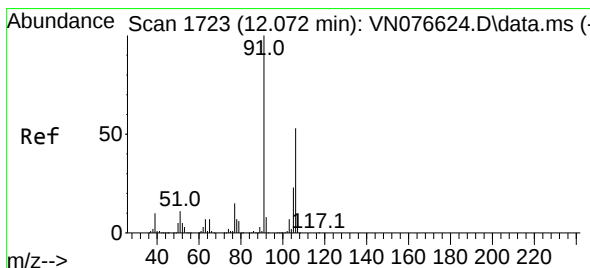
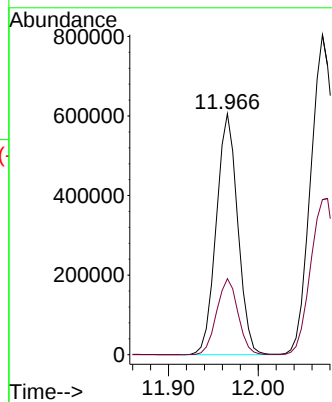
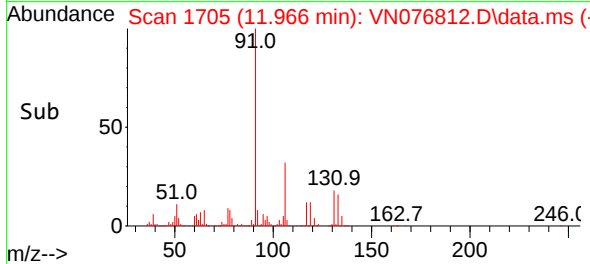
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1004485
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

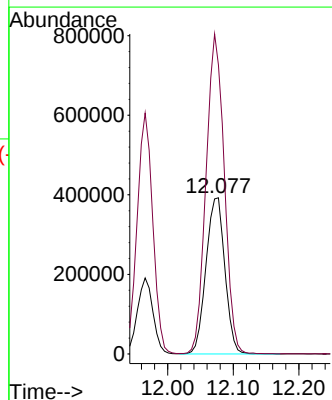
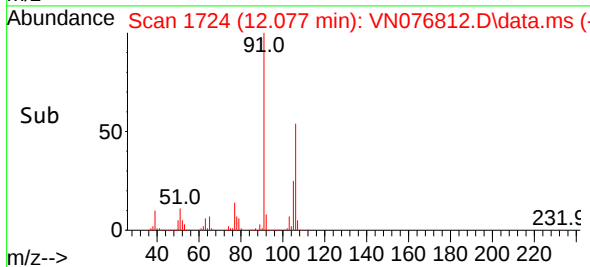
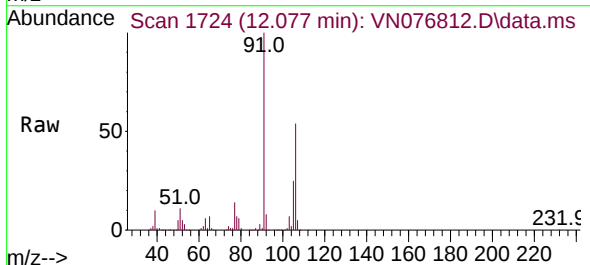
Manual Integrations
APPROVED

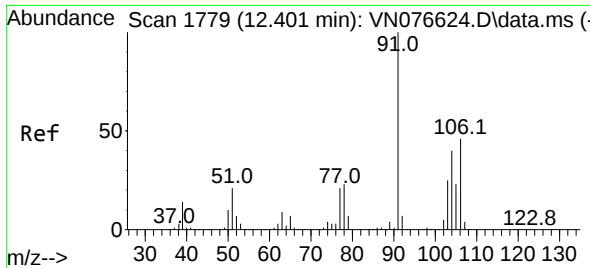
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#68
m/p-Xylenes
Concen: 106.765 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Tgt Ion:106 Resp: 785885
Ion Ratio Lower Upper
106 100
91 198.0 154.7 232.1





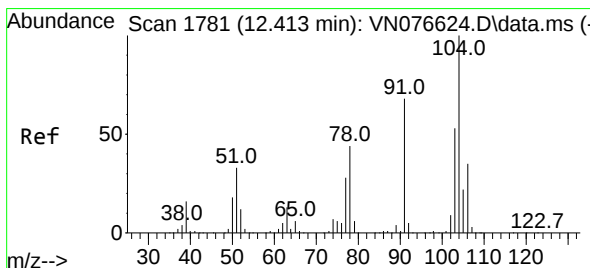
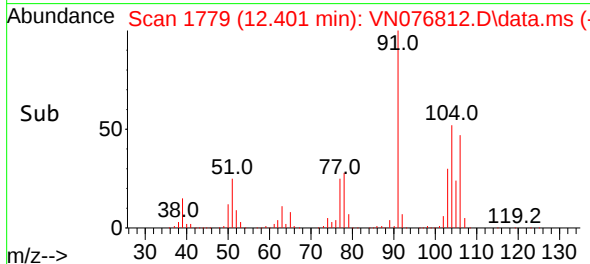
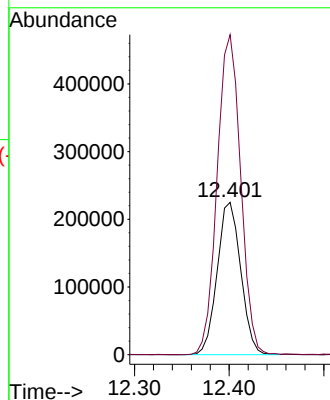
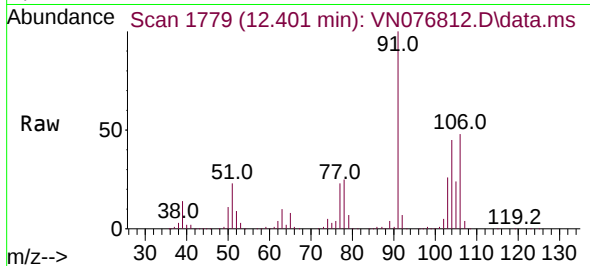
#69
o-Xylene
Concen: 54.150 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 38874
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.4

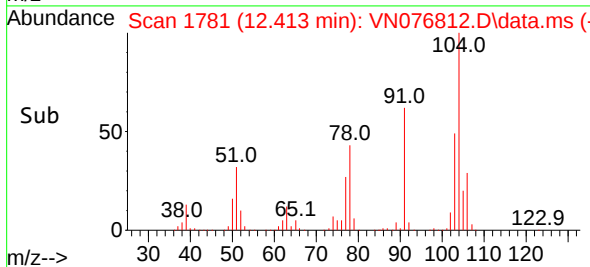
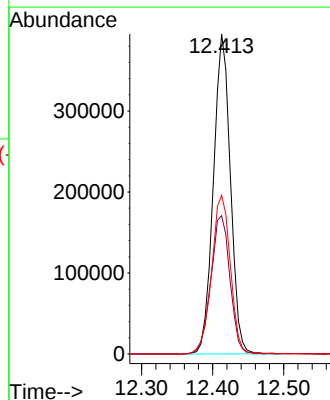
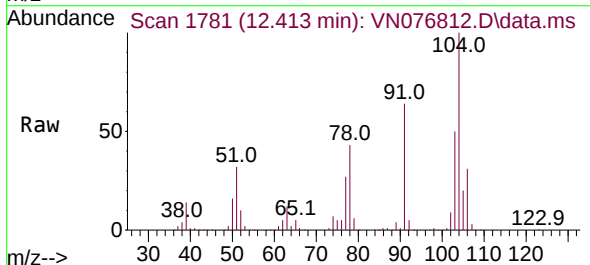
Manual Integrations
APPROVED

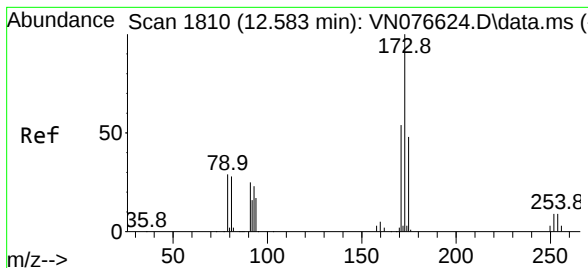
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 56.572 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

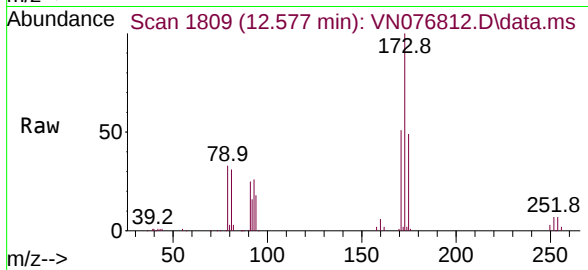
Tgt Ion:104 Resp: 656745
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 54.4 44.2 66.4





#71
Bromoform
Concen: 52.088 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

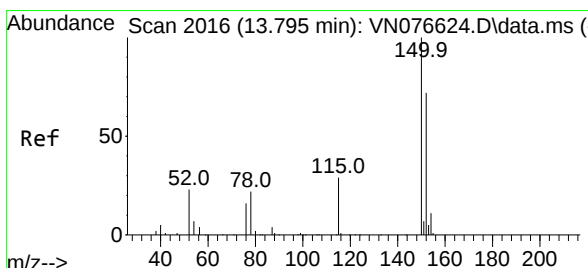
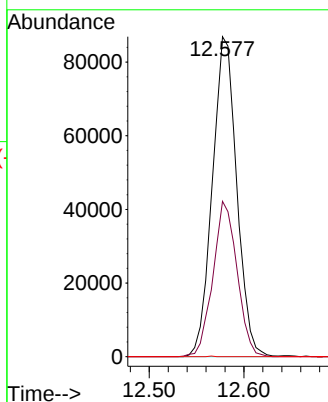
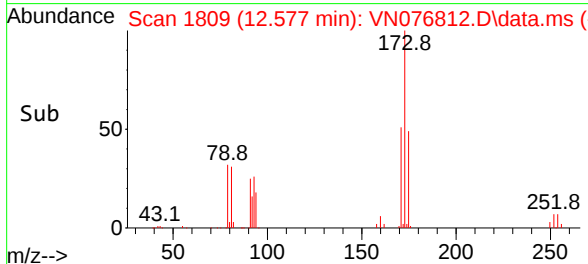
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



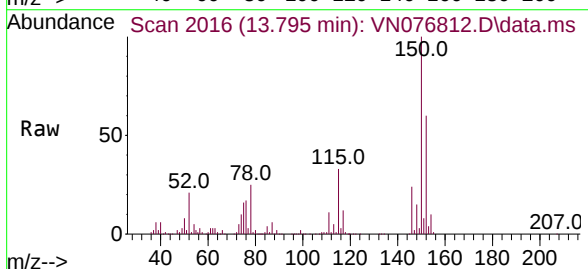
Tgt Ion:173 Resp: 15556
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
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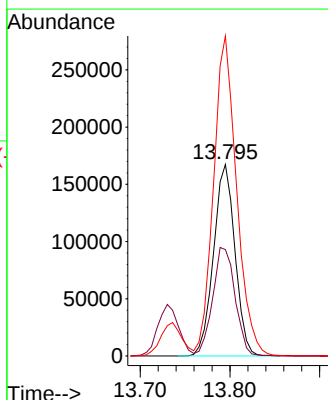
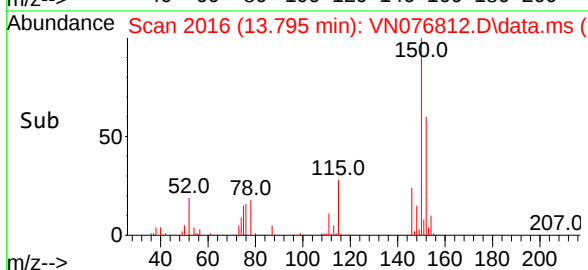
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

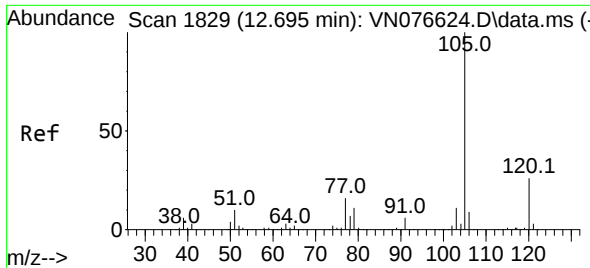


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



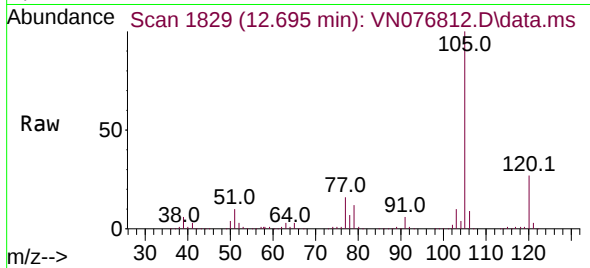
Tgt Ion:152 Resp: 277520
Ion Ratio Lower Upper
152 100
115 59.3 29.3 87.9
150 179.6 0.0 349.8





#73
Isopropylbenzene
Concen: 50.603 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

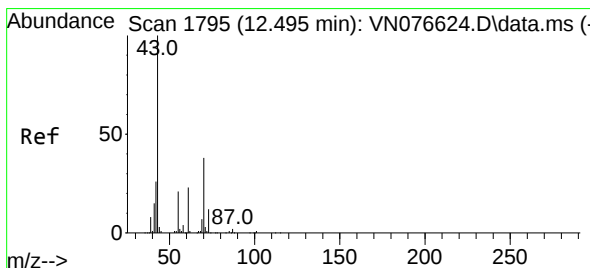
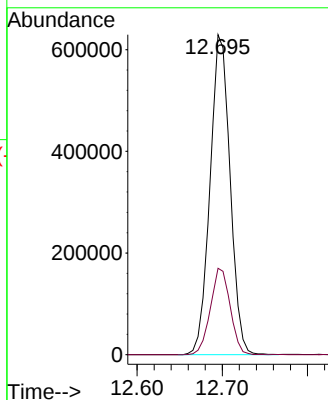
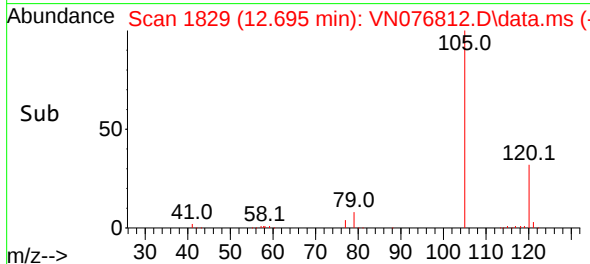
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



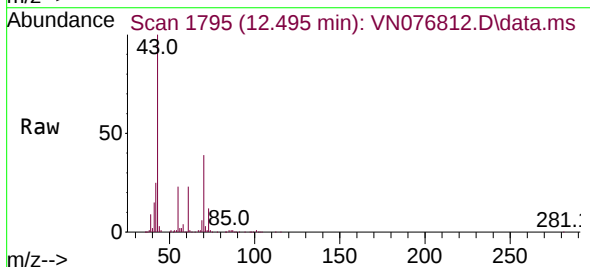
Tgt Ion:105 Resp: 1029310
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0

Manual Integrations
APPROVED

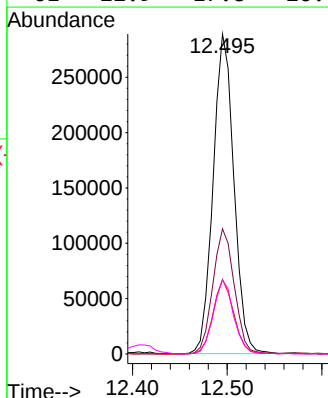
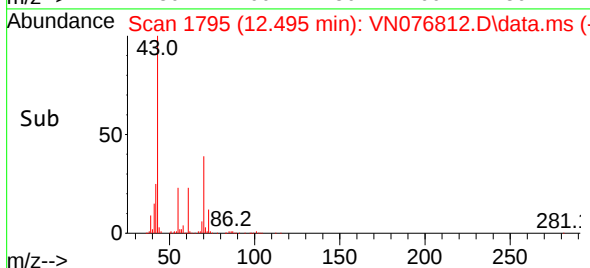
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

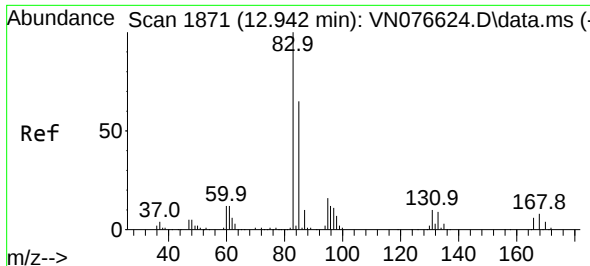


#74
N-ethyl acetate
Concen: 48.006 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



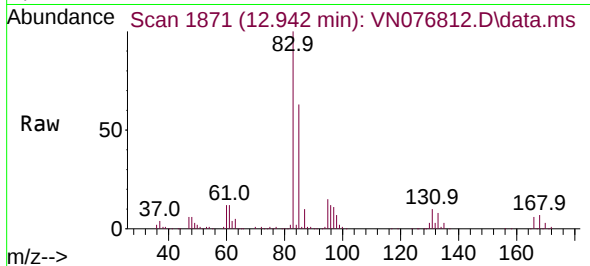
Tgt Ion: 43 Resp: 440149
Ion Ratio Lower Upper
43 100
70 40.6 30.5 45.7
55 23.3 17.8 26.8
61 22.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.602 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

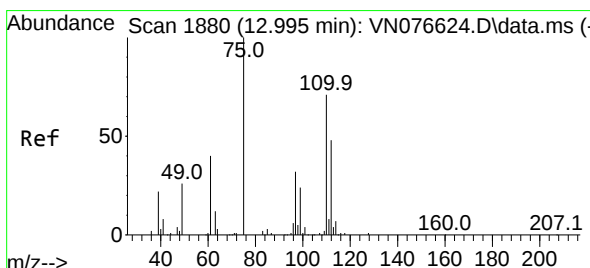
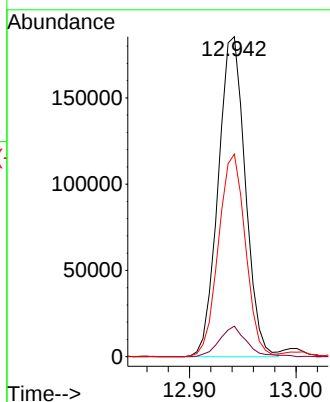
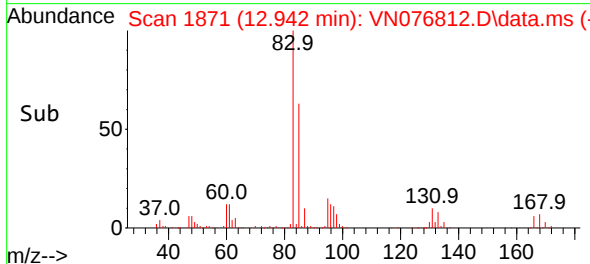
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



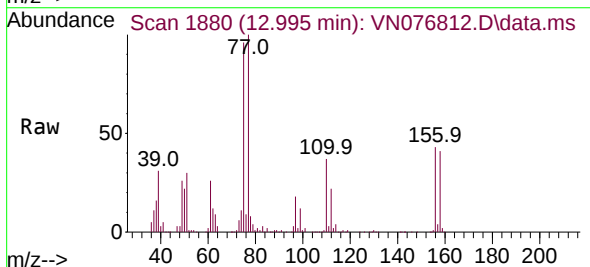
Tgt Ion: 83 Resp: 328408
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.0 31.8 95.3

Manual Integrations
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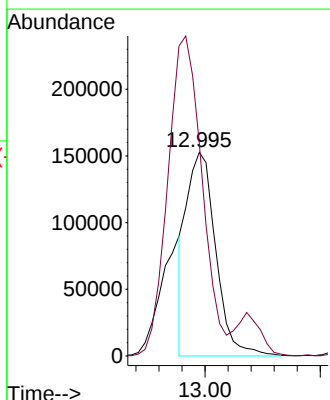
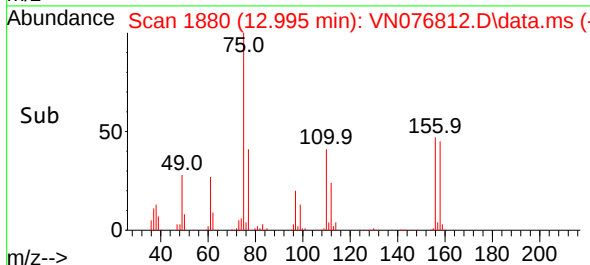
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

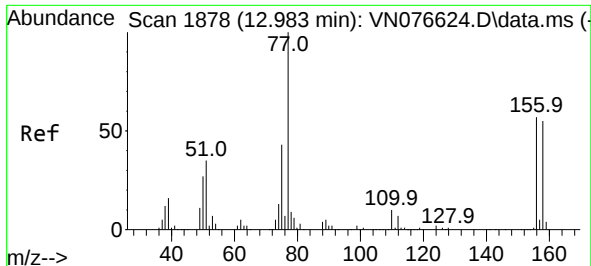


#76
1,2,3-Trichloropropane
Concen: 47.893 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



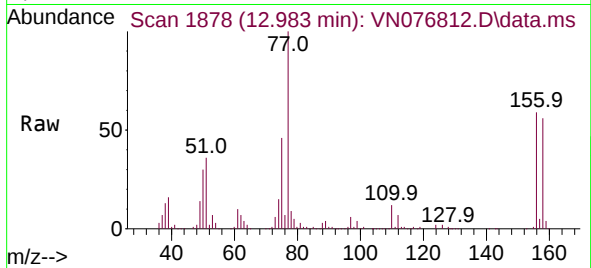
Tgt Ion: 75 Resp: 268714
Ion Ratio Lower Upper
75 100
77 183.9 93.1 279.3





#77
Bromobenzene
Concen: 47.244 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

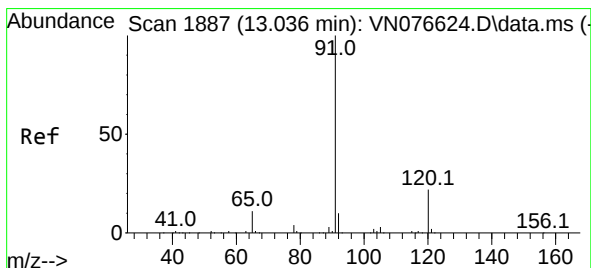
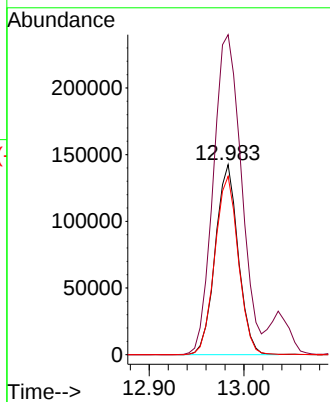
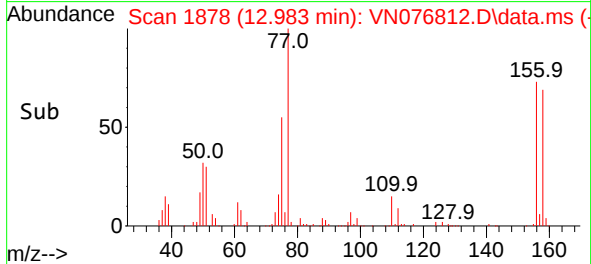
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



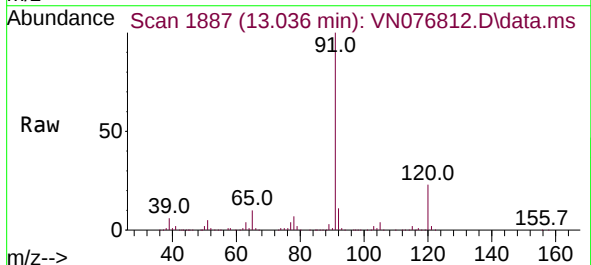
Tgt Ion:156 Resp: 239768
Ion Ratio Lower Upper
156 100
77 206.1 102.8 308.4
158 96.2 48.9 146.6

Manual Integrations
APPROVED

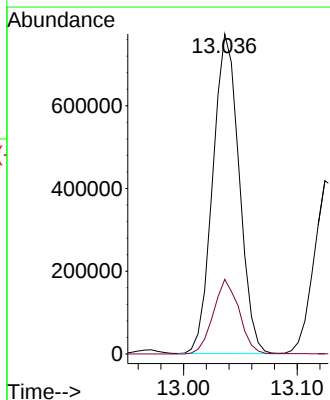
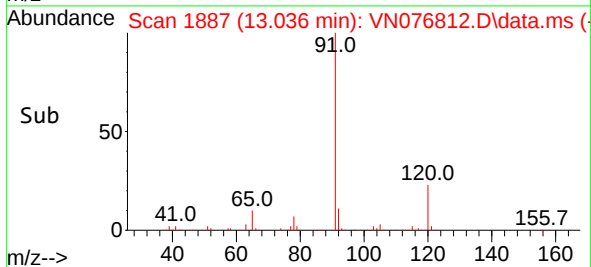
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

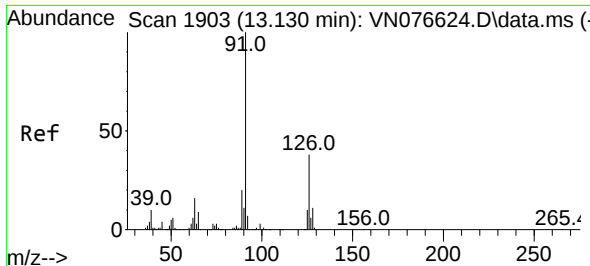


#78
n-propylbenzene
Concen: 52.170 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 91 Resp: 1246119
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





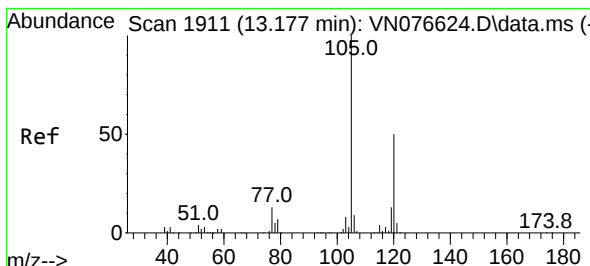
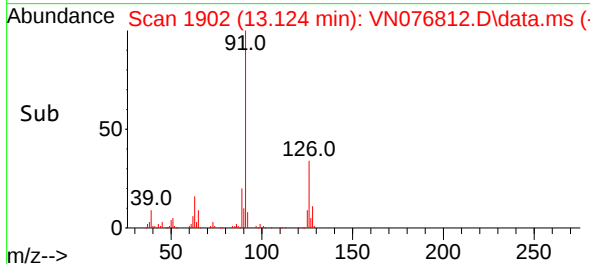
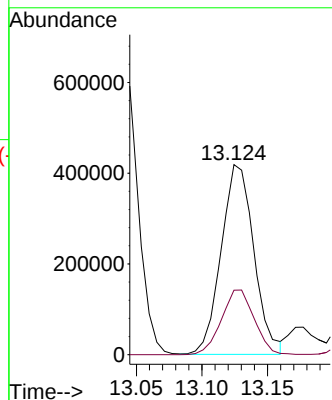
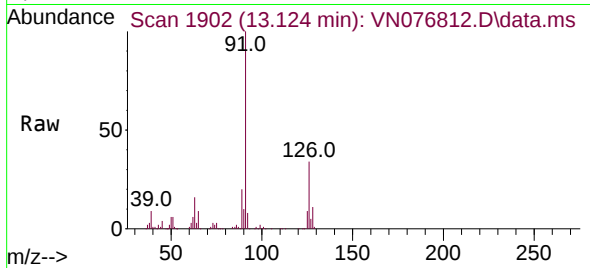
#79
2-Chlorotoluene
Concen: 49.718 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 72713
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

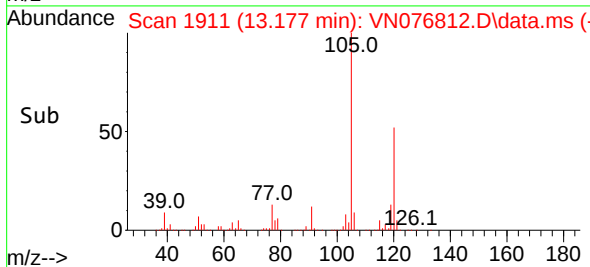
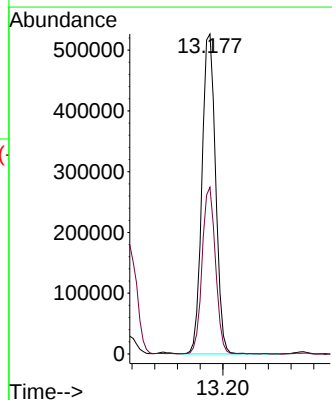
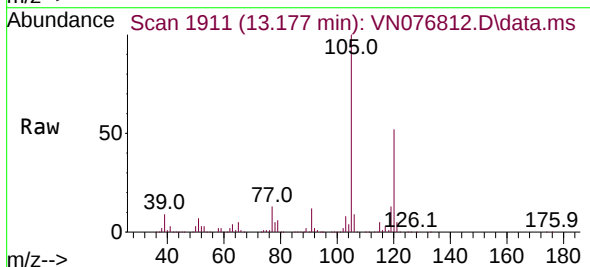
Manual Integrations
APPROVED

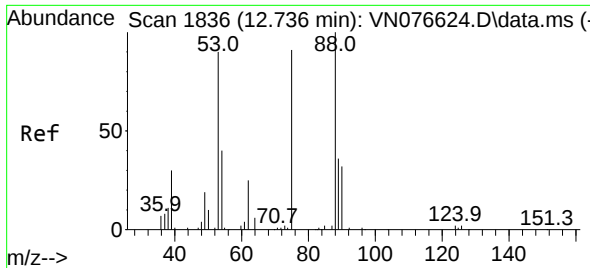
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.187 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

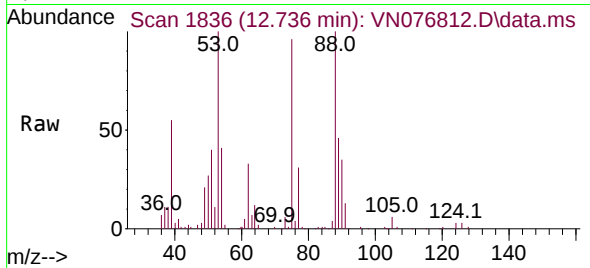
Tgt Ion:105 Resp: 877300
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 54.726 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

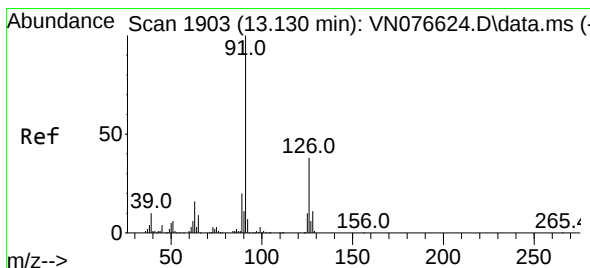
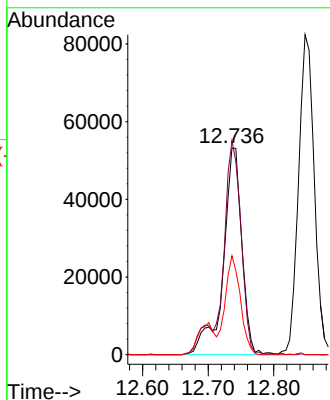
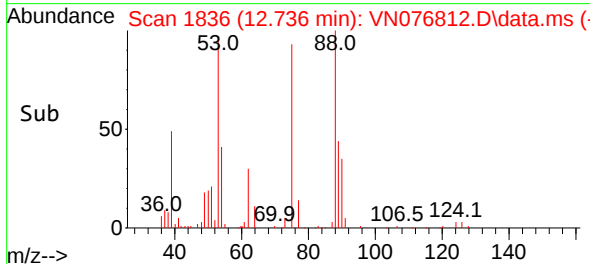
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



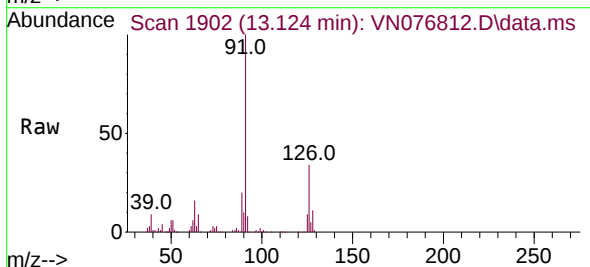
Tgt Ion: 75 Resp: 10542
Ion Ratio Lower Upper
75 100
53 91.2 92.1 138.1
89 38.8 37.5 56.3

Manual Integrations
APPROVED

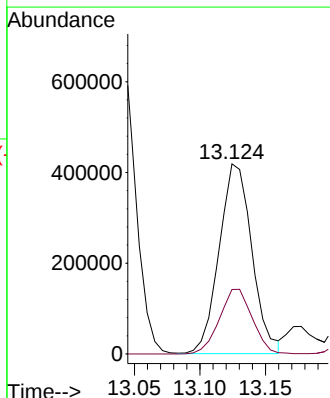
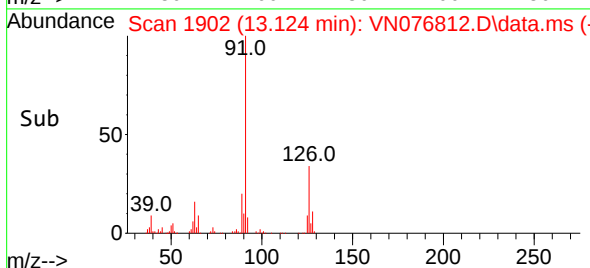
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

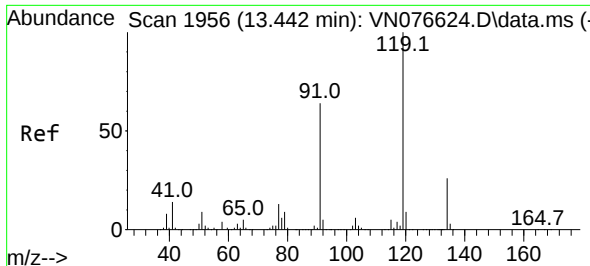


#82
4-Chlorotoluene
Concen: 49.718 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion: 91 Resp: 727137
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





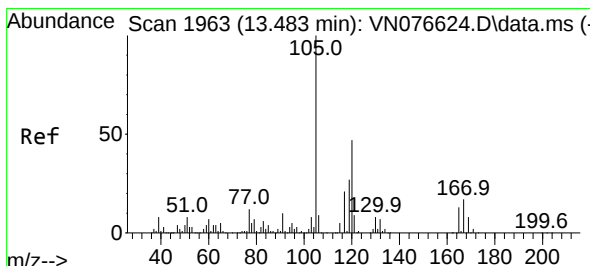
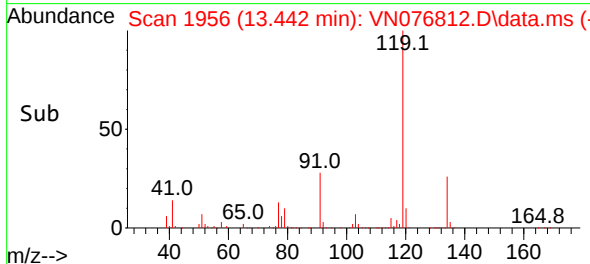
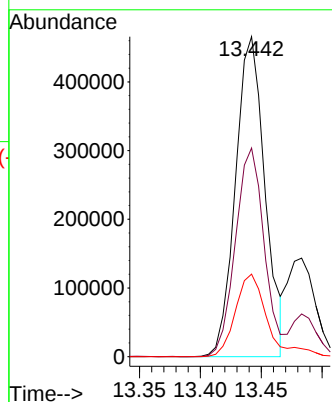
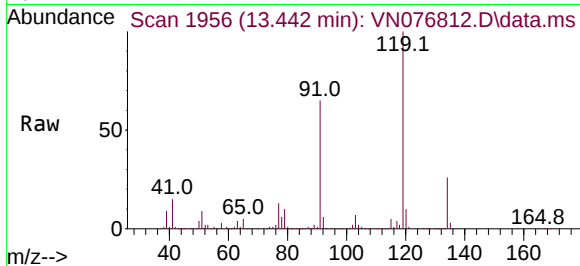
#83
tert-Butylbenzene
Concen: 51.635 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 78524
Ion Ratio Lower Upper
119 100
91 63.5 32.0 96.2
134 28.0 13.8 41.4

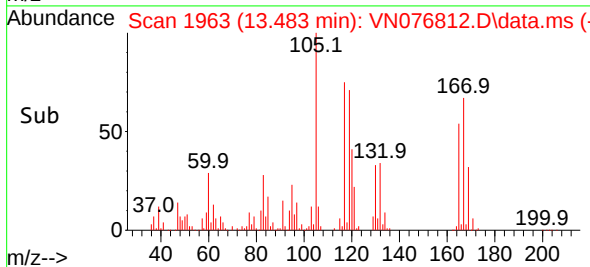
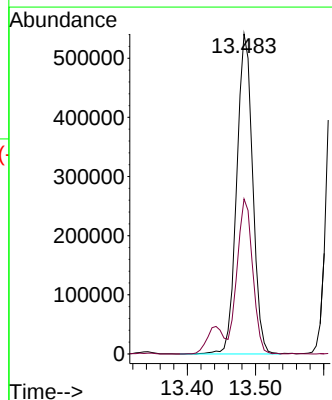
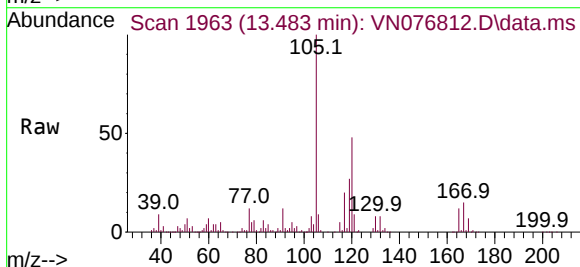
Manual Integrations
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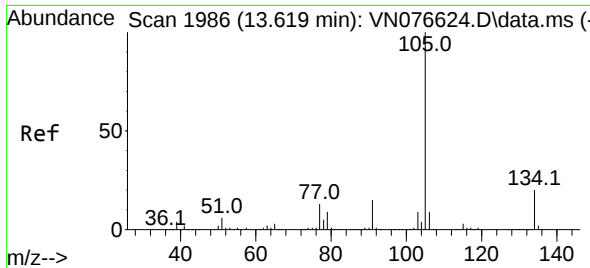
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.542 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Tgt Ion:105 Resp: 880287
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





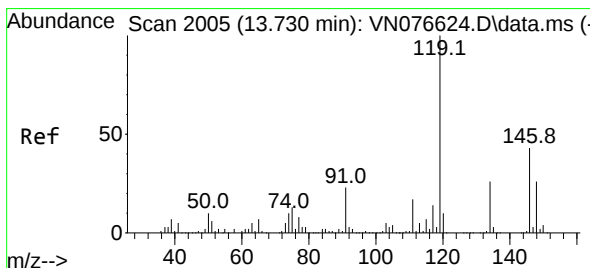
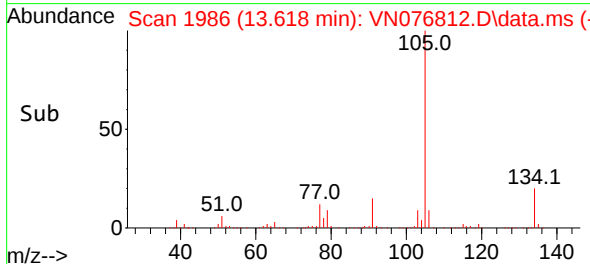
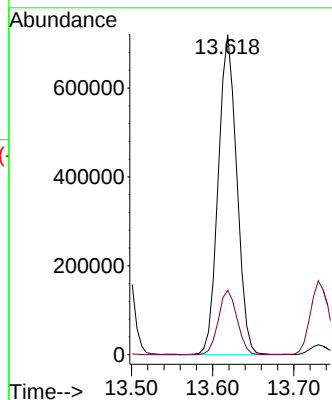
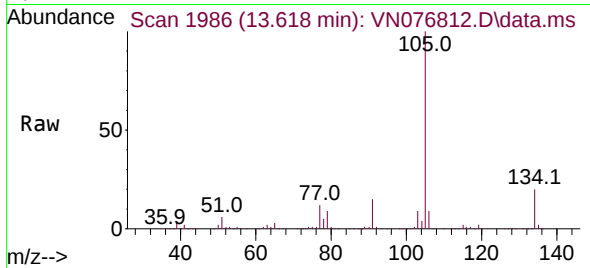
#85
 sec-Butylbenzene
 Concen: 53.903 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1144484
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5

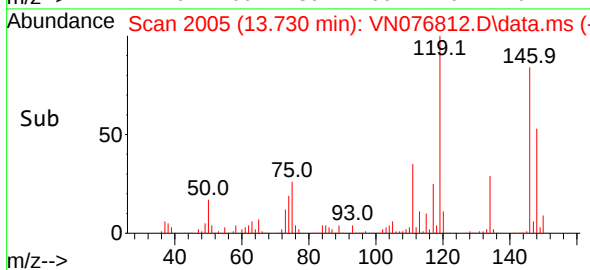
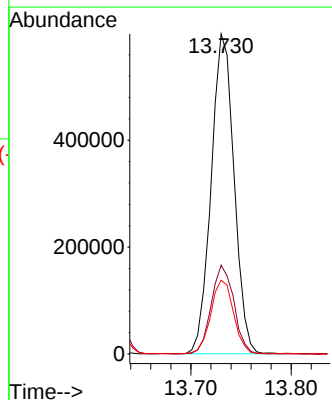
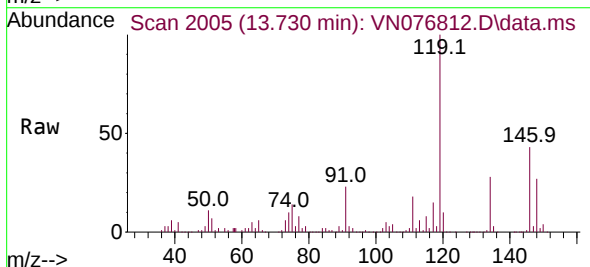
Manual Integrations
 APPROVED

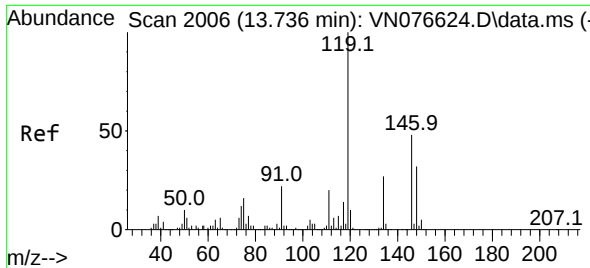
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#86
 p-Isopropyltoluene
 Concen: 56.084 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

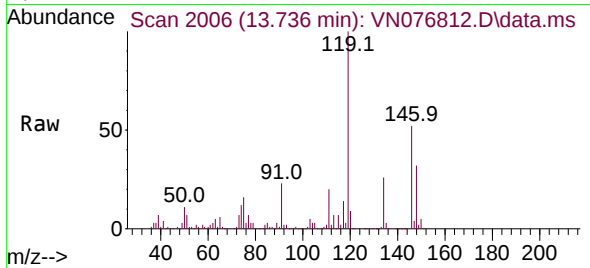
Tgt Ion:119 Resp: 950884
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.4 40.1
 91 22.8 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 49.860 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37

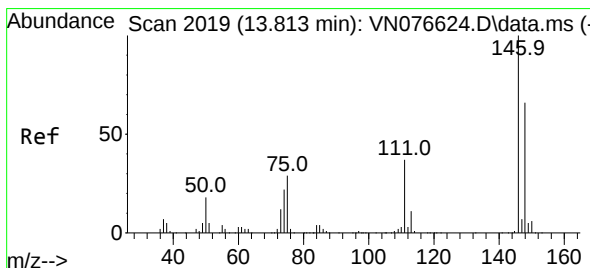
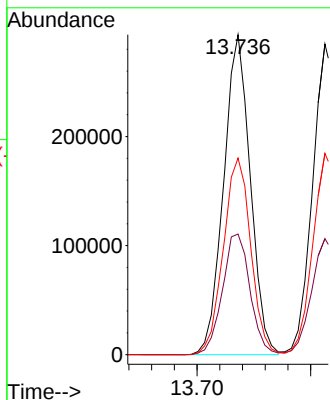
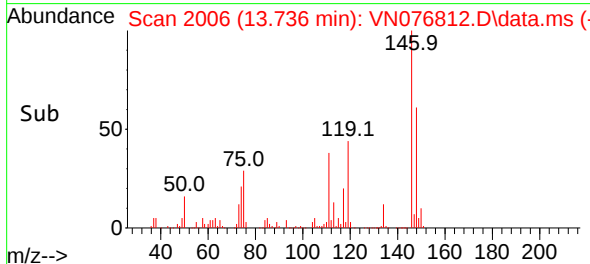
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



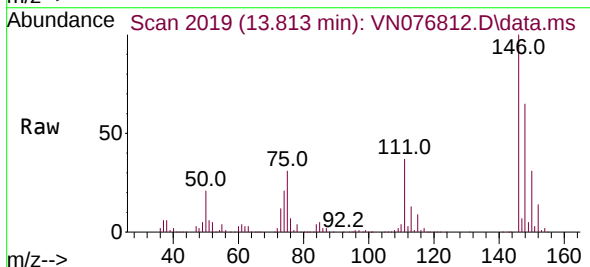
Tgt Ion:146 Resp: 478328
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.4
 148 63.2 32.0 96.2

Manual Integrations
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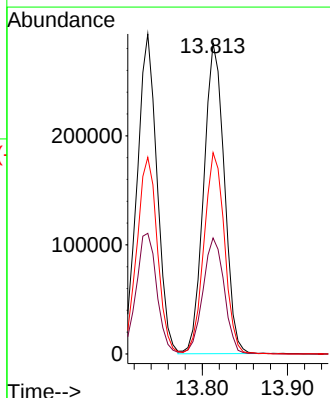
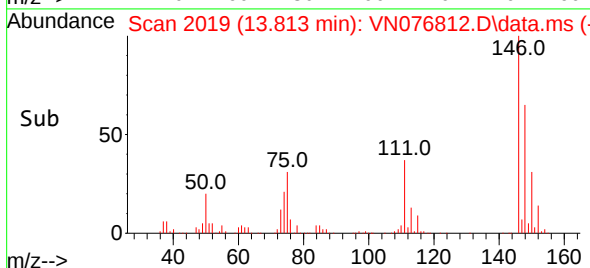
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

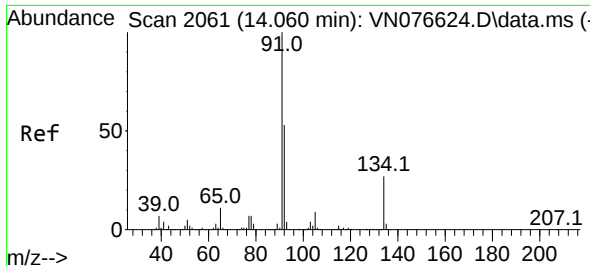


#88
 1,4-Dichlorobenzene
 Concen: 49.952 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076812.D
 Acq: 24 Feb 2023 16:37



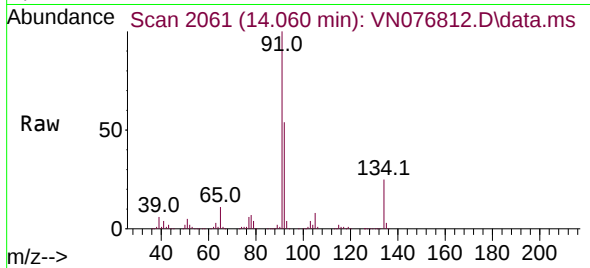
Tgt Ion:146 Resp: 477210
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 64.8 32.7 98.1





#89
n-Butylbenzene
Concen: 56.634 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

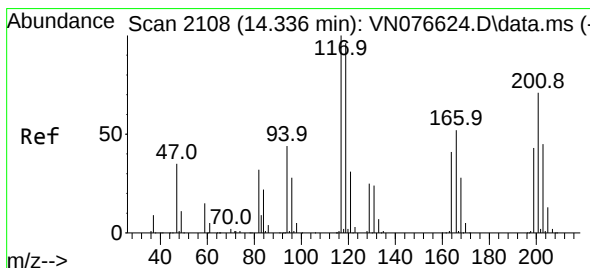
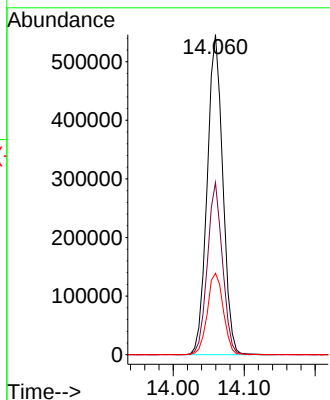
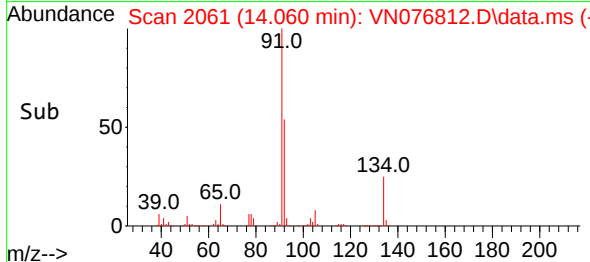
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 83513
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.0
134 26.0 13.2 39.5

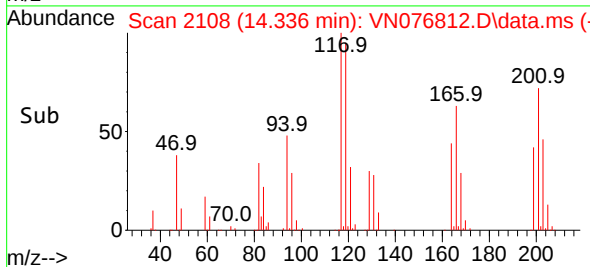
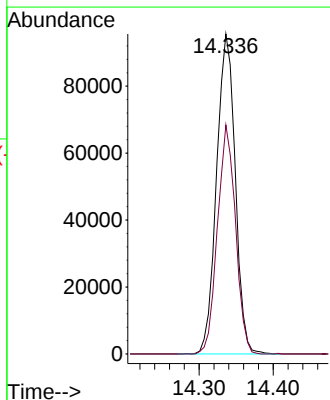
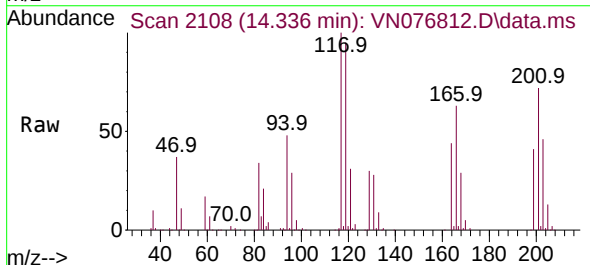
Manual Integrations
APPROVED

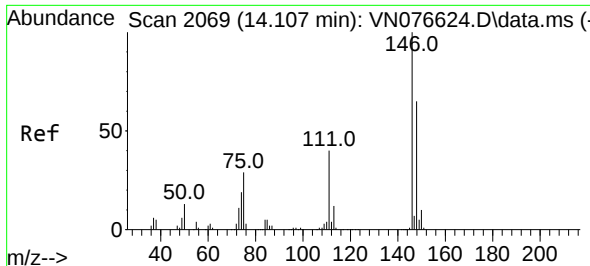
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#90
Hexachloroethane
Concen: 47.136 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Tgt Ion:117 Resp: 167333
Ion Ratio Lower Upper
117 100
201 69.1 35.5 106.7





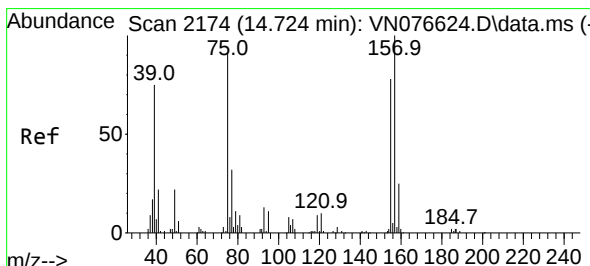
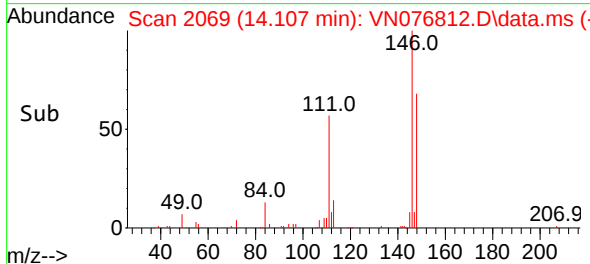
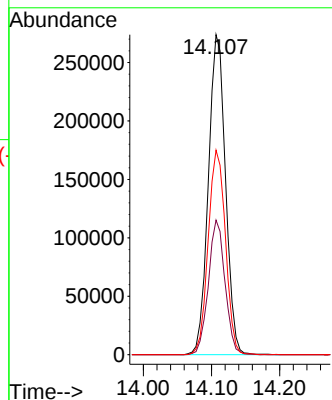
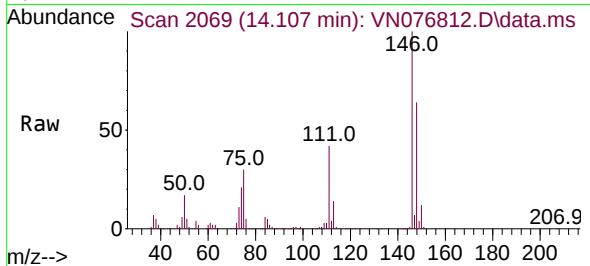
#91
1,2-Dichlorobenzene
Concen: 48.761 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 47956
Ion Ratio Lower Upper
146 100
111 40.8 20.0 59.9
148 64.3 32.4 97.2

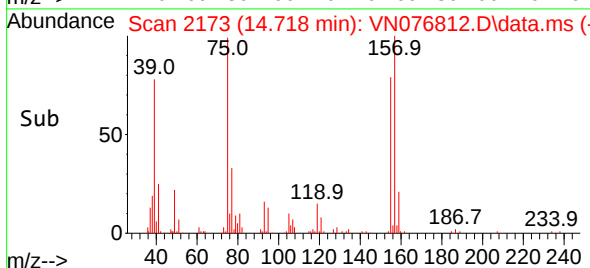
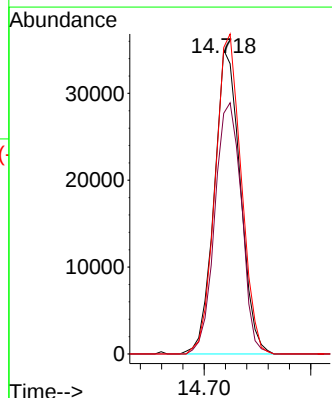
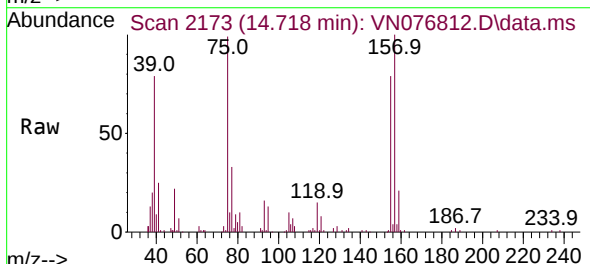
Manual Integrations
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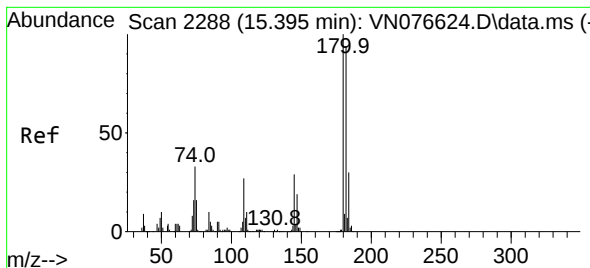
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.739 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 75 Resp: 59541
Ion Ratio Lower Upper
75 100
155 84.3 43.4 130.2
157 104.6 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 51.439 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076812.D

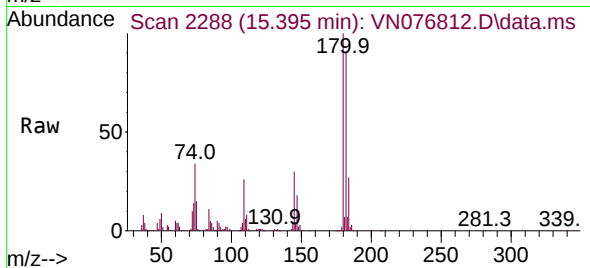
Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 252358

Ion Ratio Lower Upper

180 100

182 93.0 48.0 144.0

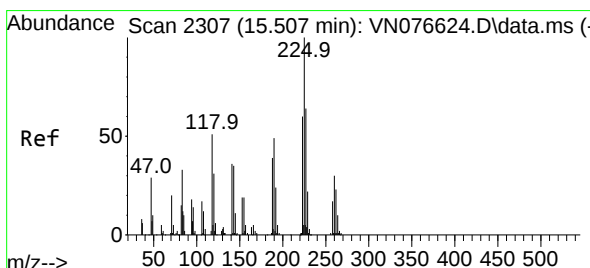
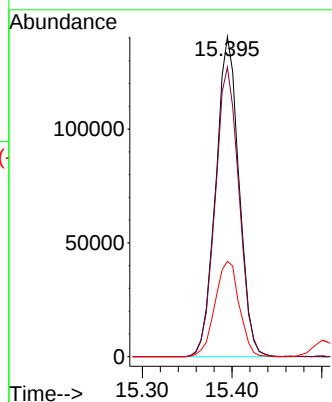
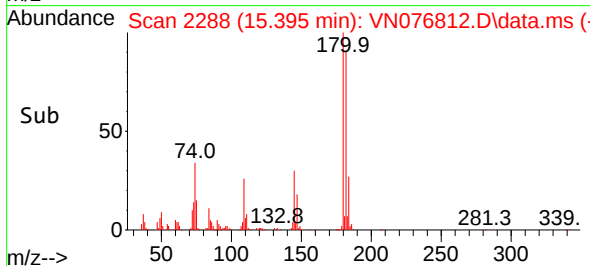
145 31.2 15.2 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#94

Hexachlorobutadiene

Concen: 50.474 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076812.D

Acq: 24 Feb 2023 16:37

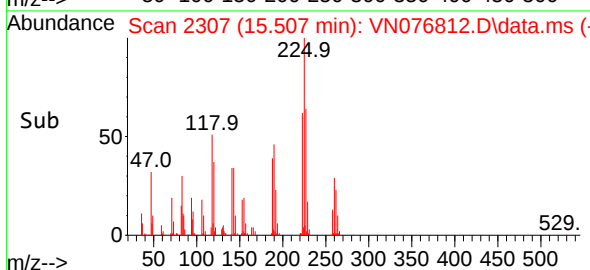
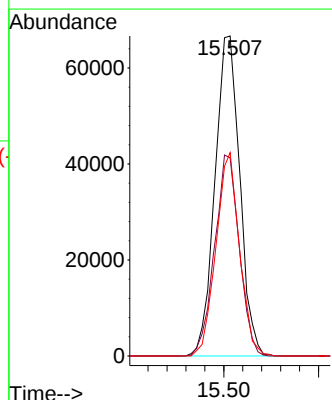
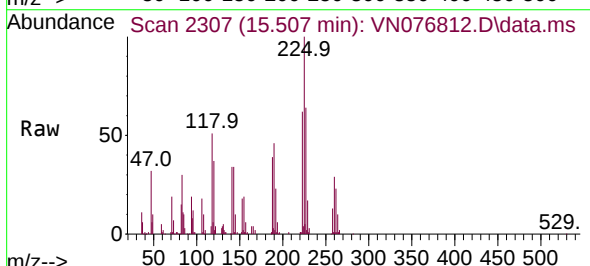
Tgt Ion:225 Resp: 121363

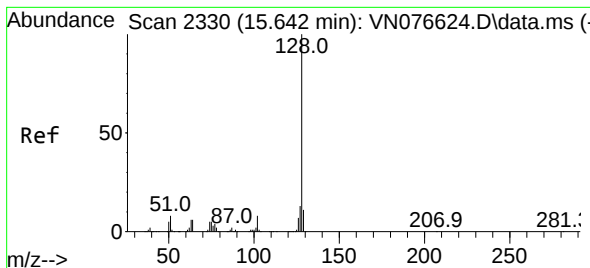
Ion Ratio Lower Upper

225 100

223 62.2 31.6 95.0

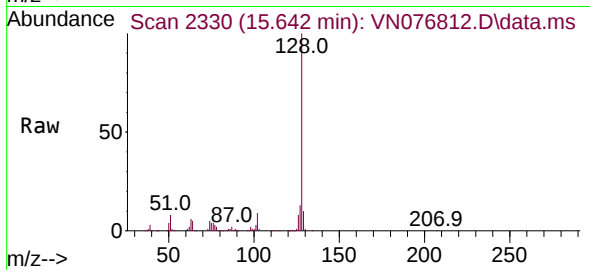
227 60.1 31.3 93.9





#95
Naphthalene
Concen: 51.713 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37

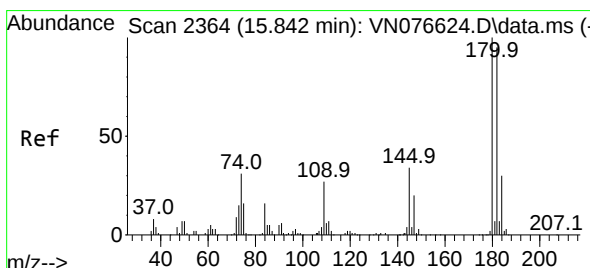
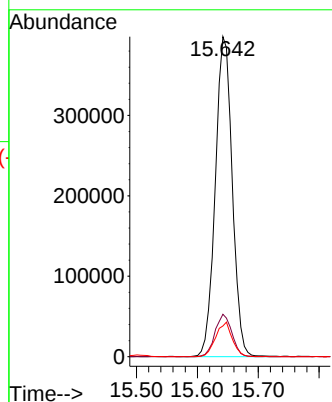
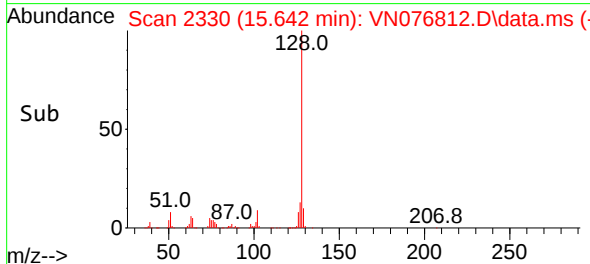
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



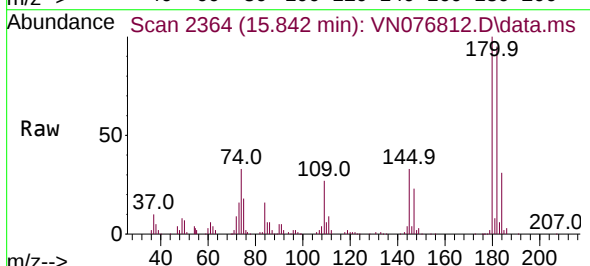
Tgt Ion:128 Resp: 76986
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.923 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076812.D
Acq: 24 Feb 2023 16:37



Tgt Ion:180 Resp: 242038
Ion Ratio Lower Upper
180 100
182 95.7 46.7 140.1
145 31.7 16.0 47.9

