

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076622.D
 Acq On : 13 Feb 2023 11:03
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 13 11:40:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 13 11:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	328609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	585458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	520512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	239900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	47876	12.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	24.680%#		
35) Dibromofluoromethane	8.172	113	38993	10.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.420%#		
50) Toluene-d8	10.566	98	142525	10.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.820%#		
62) 4-Bromofluorobenzene	12.854	95	45960	9.528	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.060%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	38219	11.195	ug/l	97
3) Chloromethane	2.378	50	46809	14.920	ug/l	97
4) Vinyl Chloride	2.525	62	46881	16.273	ug/l	91
5) Bromomethane	2.972	94	28750	13.451	ug/l	95
6) Chloroethane	3.137	64	30569	17.543	ug/l	92
7) Trichlorofluoromethane	3.513	101	60857	10.718	ug/l	98
8) Diethyl Ether	3.978	74	22021	10.242	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.390	101	35507	10.094	ug/l	96
10) Methyl Iodide	4.607	142	39533	7.684	ug/l	94
11) Tert butyl alcohol	5.525	59	29945	59.275	ug/l	95
12) 1,1-Dichloroethene	4.360	96	32968	10.032	ug/l	96
13) Acrolein	4.190	56	40605	60.166	ug/l	86
14) Allyl chloride	5.037	41	55762	13.029	ug/l #	89
15) Acrylonitrile	5.743	53	107570	70.957	ug/l	99
16) Acetone	4.437	43	101677	79.515	ug/l	89
17) Carbon Disulfide	4.725	76	89357	10.496	ug/l	99
18) Methyl Acetate	5.037	43	66942	16.546	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	109290	10.000	ug/l	96
20) Methylene Chloride	5.290	84	41343	10.488	ug/l #	82
21) trans-1,2-Dichloroethene	5.801	96	36231	10.144	ug/l	94
22) Diisopropyl ether	6.678	45	137561	14.182	ug/l #	93
23) Vinyl Acetate	6.613	43	387364	63.824	ug/l #	90
24) 1,1-Dichloroethane	6.572	63	74226	11.917	ug/l #	95
25) 2-Butanone	7.490	43	146400	79.649	ug/l #	87
26) 2,2-Dichloropropane	7.495	77	53355	10.262	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	42757	10.236	ug/l	89
28) Bromochloromethane	7.819	49	36098	14.464	ug/l #	72
29) Tetrahydrofuran	7.848	42	95033	80.447	ug/l #	83
30) Chloroform	7.978	83	74521	11.029	ug/l	96
31) Cyclohexane	8.260	56	72133	11.767	ug/l	89
32) 1,1,1-Trichloroethane	8.178	97	62331	10.295	ug/l #	85
36) 1,1-Dichloropropene	8.372	75	51390	9.890	ug/l	97
37) Ethyl Acetate	7.566	43	58267	14.967	ug/l #	89
38) Carbon Tetrachloride	8.372	117	53345	9.548	ug/l	95
39) Methylcyclohexane	9.607	83	59596	9.235	ug/l	89
40) Benzene	8.613	78	168331	10.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	32638	14.807	ug/l #	84
42) 1,2-Dichloroethane	8.678	62	55322	10.787	ug/l	98
43) Isopropyl Acetate	8.695	43	91781	14.168	ug/l #	90
44) Trichloroethene	9.354	130	38693	9.199	ug/l	98
45) 1,2-Dichloropropane	9.625	63	44240	11.694	ug/l #	88
46) Dibromomethane	9.713	93	28248	10.351	ug/l	92
47) Bromodichloromethane	9.889	83	55037	10.029	ug/l #	97
48) Methyl methacrylate	9.684	41	42879	13.459	ug/l #	82
49) 1,4-Dioxane	9.695	88	16023	235.110	ug/l #	90
51) 4-Methyl-2-Pentanone	10.448	43	301058	77.327	ug/l #	85
52) Toluene	10.631	92	98592	9.699	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	49991	9.428	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	59393	9.822	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	39212	9.849	ug/l #	90
56) Ethyl methacrylate	10.878	69	54460	10.220	ug/l #	72
57) 1,3-Dichloropropane	11.160	76	70743	10.977	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	113882	74.787	ug/l	92
59) 2-Hexanone	11.201	43	210666	75.899	ug/l	84
60) Dibromochloromethane	11.360	129	40593	9.675	ug/l	98
61) 1,2-Dibromoethane	11.472	107	36892	9.361	ug/l	96
64) Tetrachloroethene	11.107	164	30939	7.138	ug/l	92
65) Chlorobenzene	11.895	112	105689	9.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	38776	9.728	ug/l	99
67) Ethyl Benzene	11.966	91	184685	9.654	ug/l	94
68) m/p-Xylenes	12.072	106	138482	18.580	ug/l	96
69) o-Xylene	12.401	106	68384	9.370	ug/l	99
70) Styrene	12.413	104	109945	9.471	ug/l	98
71) Bromoform	12.583	173	28436	10.220	ug/l #	100
73) Isopropylbenzene	12.695	105	174383	8.876	ug/l	99
74) N-amyl acetate	12.495	43	76544	13.970	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.936	83	60836	11.297	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	49346m	11.025	ug/l	
77) Bromobenzene	12.983	156	41258	9.028	ug/l	95
78) n-propylbenzene	13.036	91	201180	9.299	ug/l	100
79) 2-Chlorotoluene	13.130	91	123416	8.956	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	145747	8.938	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	14593	10.011	ug/l #	82
82) 4-Chlorotoluene	13.130	91	123416	8.956	ug/l	98
83) tert-Butylbenzene	13.442	119	128271	8.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	146307	9.016	ug/l	99
85) sec-Butylbenzene	13.619	105	182549	9.269	ug/l	98
86) p-Isopropyltoluene	13.730	119	143720	8.904	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	77742	9.243	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	76744	8.982	ug/l	93
89) n-Butylbenzene	14.060	91	117703	9.209	ug/l	96
90) Hexachloroethane	14.336	117	28208	10.033	ug/l	88
91) 1,2-Dichlorobenzene	14.107	146	79159	9.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	10752	11.536	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	38017	10.005	ug/l	97
94) Hexachlorobutadiene	15.501	225	18692	8.748	ug/l	92
95) Naphthalene	15.642	128	117313	10.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	37229	10.230	ug/l	98

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

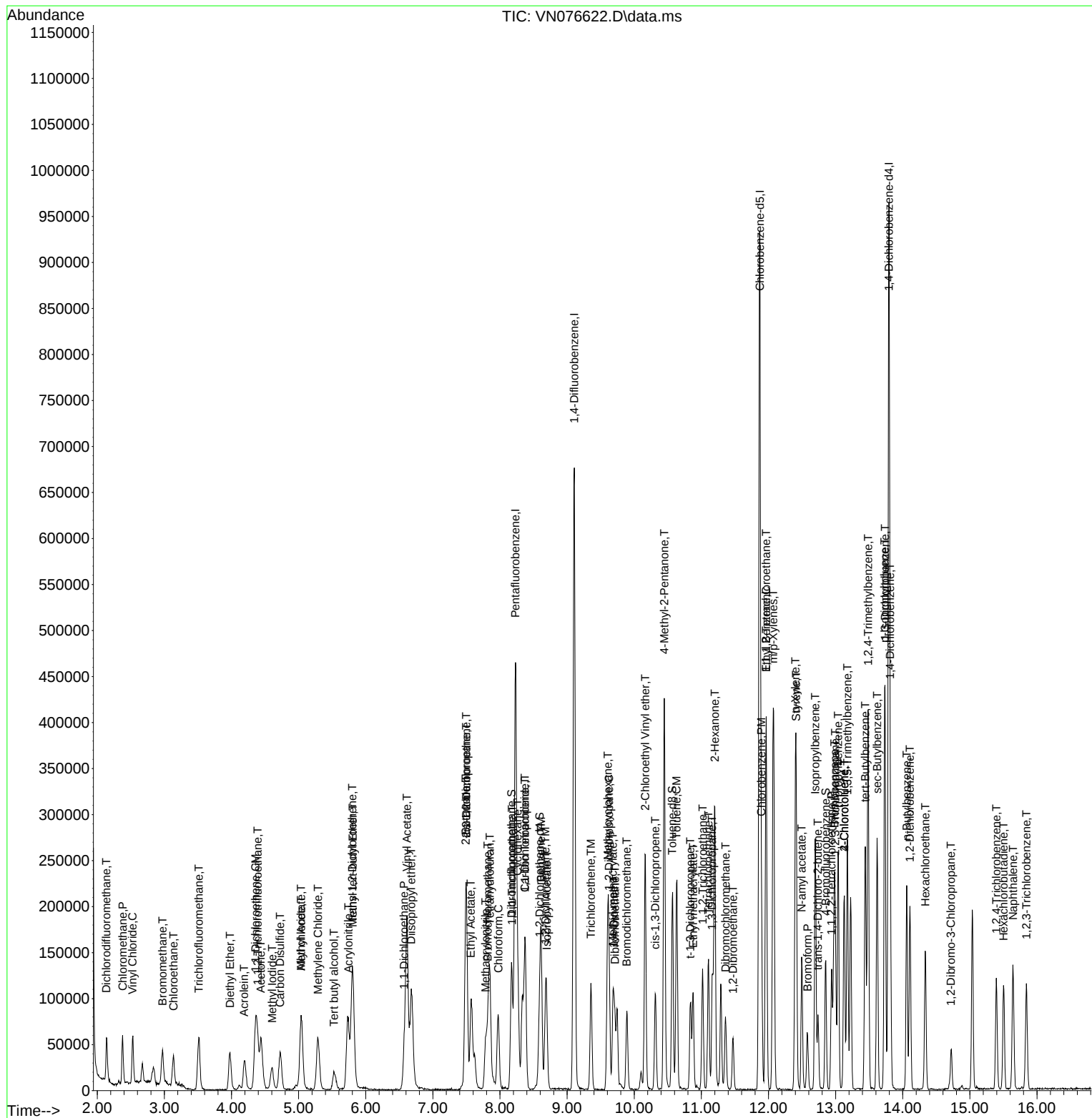
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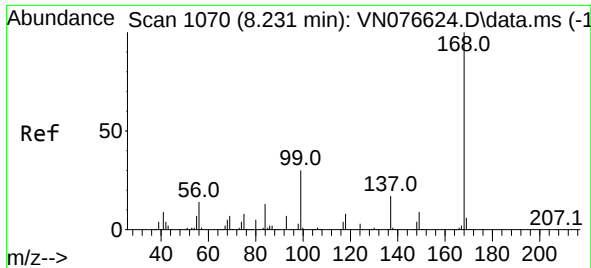
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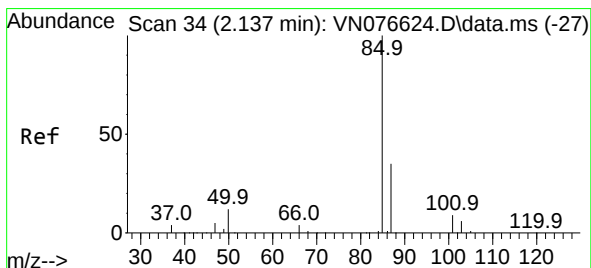
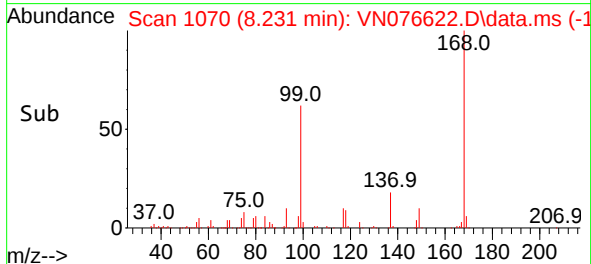
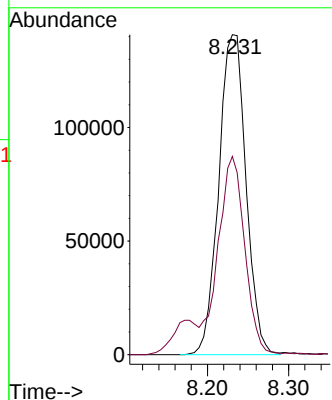
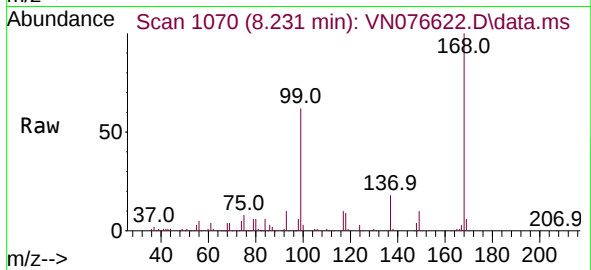
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN076622.D
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Tgt Ion:168 Resp: 328609
Ion Ratio Lower Upper
168 100
99 61.7 47.8 71.8

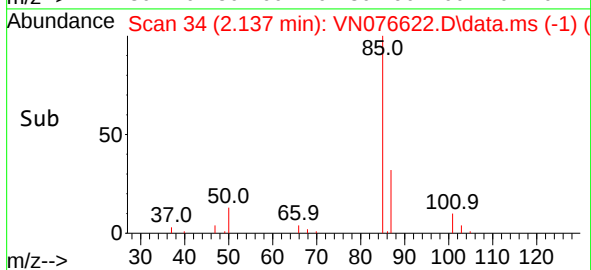
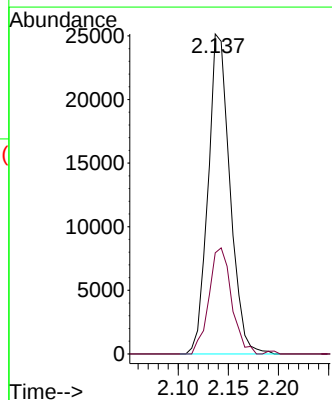
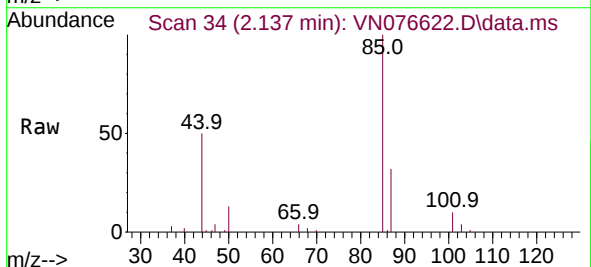
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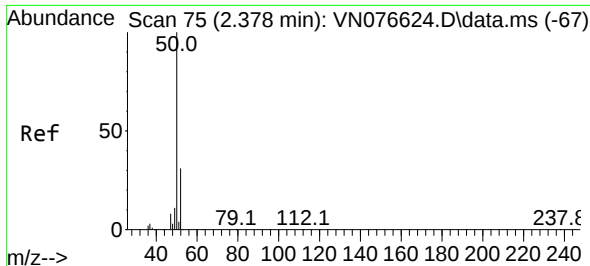
Reviewed By :John Carlone 02/14/2023
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#2
Dichlorodifluoromethane
Concen: 11.195 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

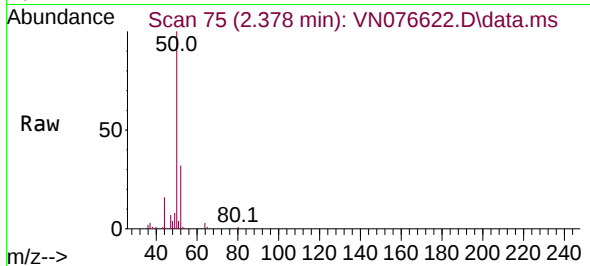
Tgt Ion: 85 Resp: 38219
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 14.920 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.007 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

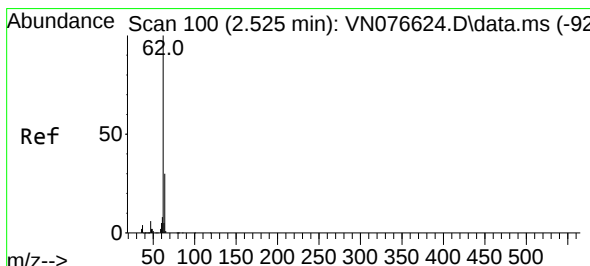
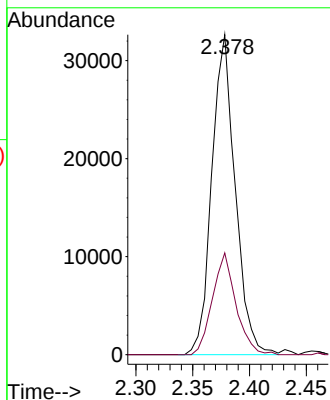
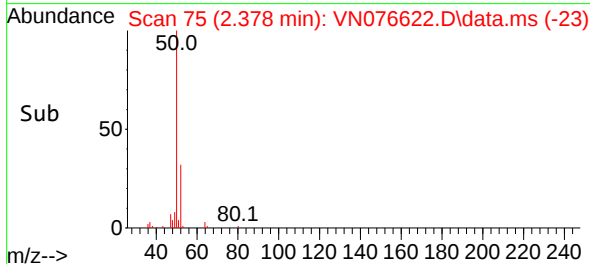
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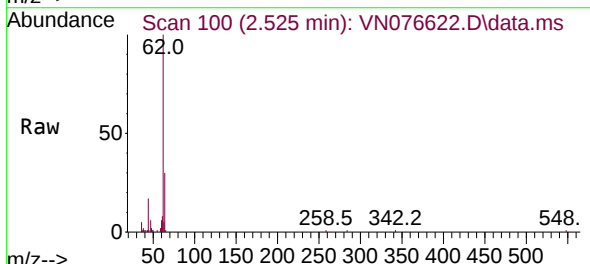
Tgt Ion: 50 Resp: 46809
Ion Ratio Lower Upper
50 100
52 31.8 27.0 40.4

Manual Integrations
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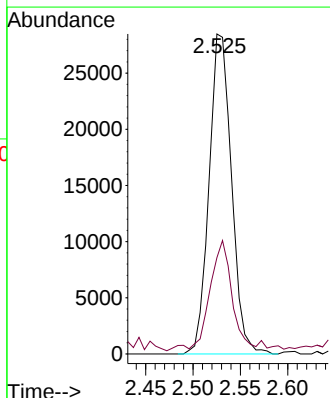
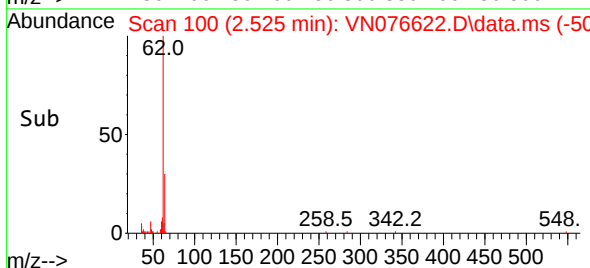
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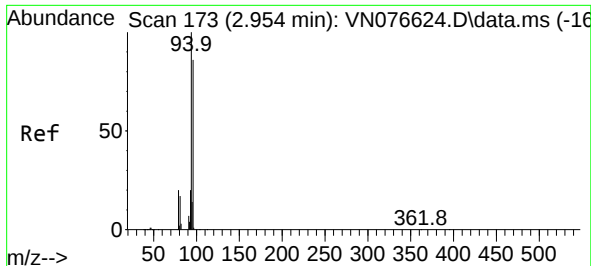


#4
Vinyl Chloride
Concen: 16.273 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



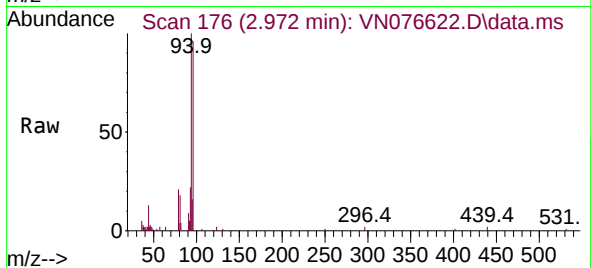
Tgt Ion: 62 Resp: 46881
Ion Ratio Lower Upper
62 100
64 27.6 26.0 39.0





#5
Bromomethane
Concen: 13.451 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

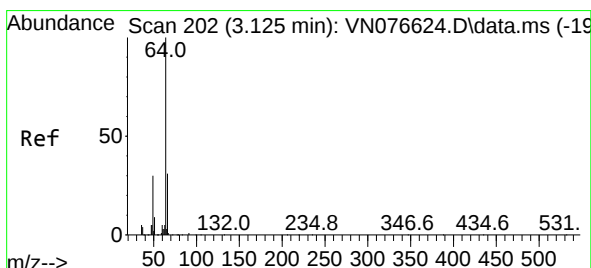
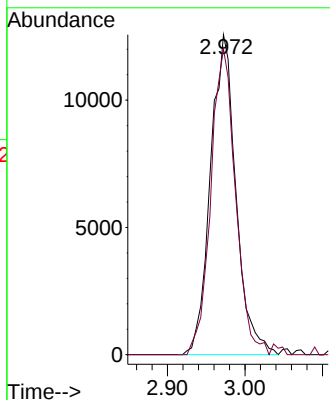
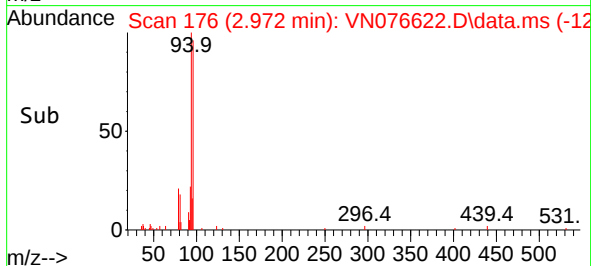
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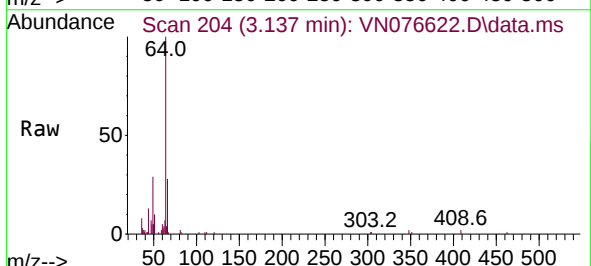
Tgt Ion: 94 Resp: 28750
Ion Ratio Lower Upper
94 100
96 95.6 72.7 109.1

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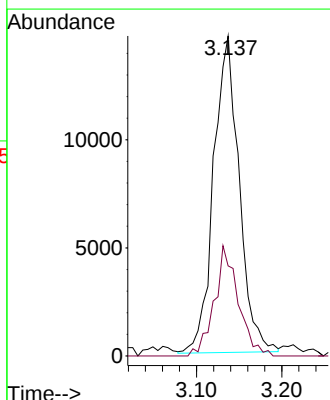
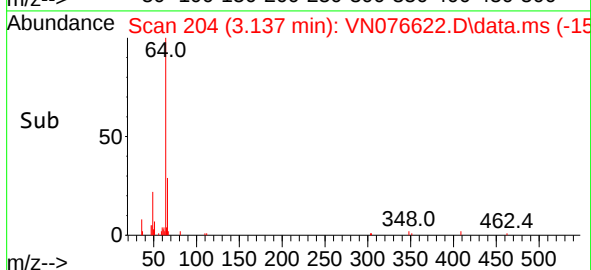
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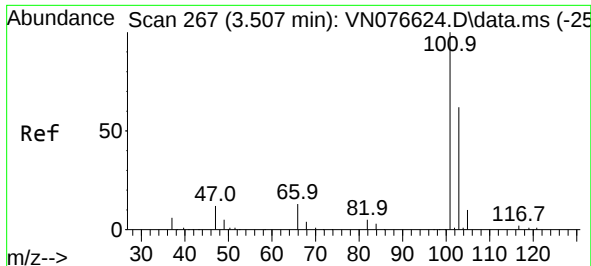


#6
Chloroethane
Concen: 17.543 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.013 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion: 64 Resp: 30569
Ion Ratio Lower Upper
64 100
66 28.5 26.3 39.5





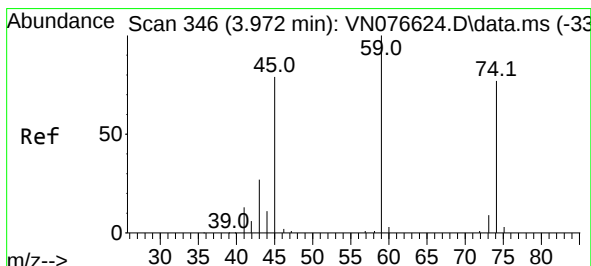
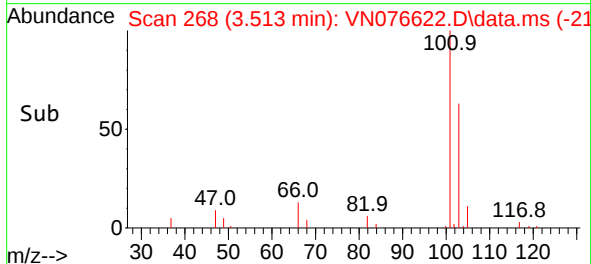
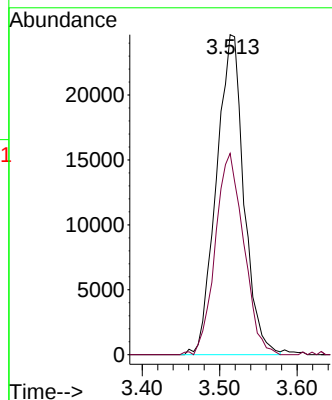
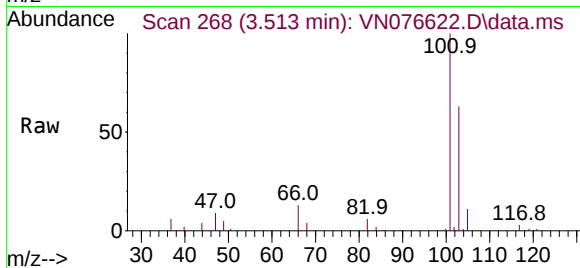
#7
Trichlorofluoromethane
Concen: 10.718 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
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Tgt Ion:101 Resp: 6085
Ion Ratio Lower Upper
101 100
103 62.9 51.3 76.9

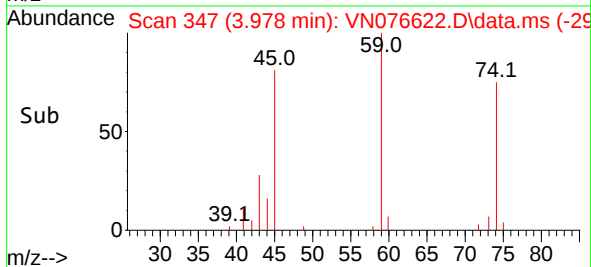
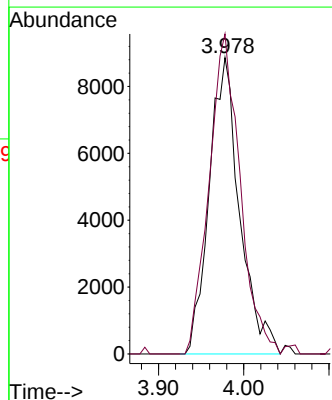
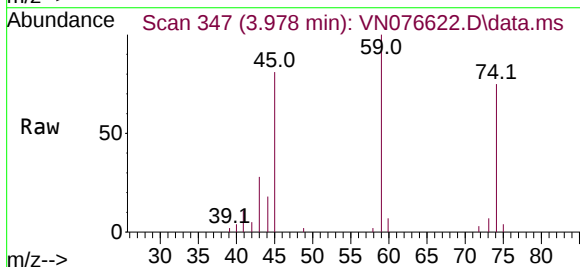
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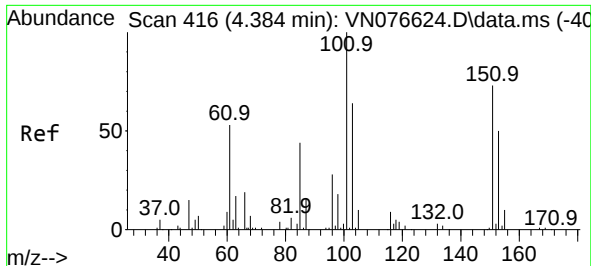
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 10.242 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 74 Resp: 22021
Ion Ratio Lower Upper
74 100
45 110.2 39.8 119.4





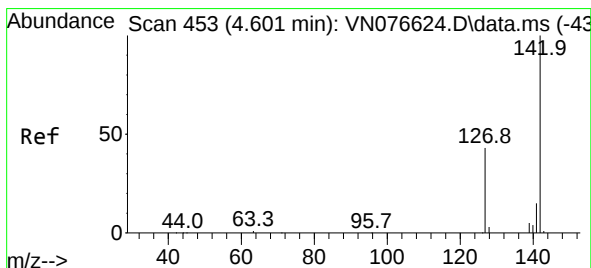
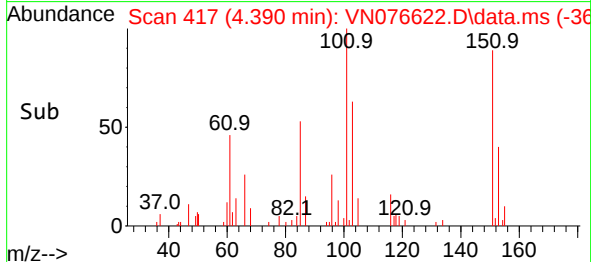
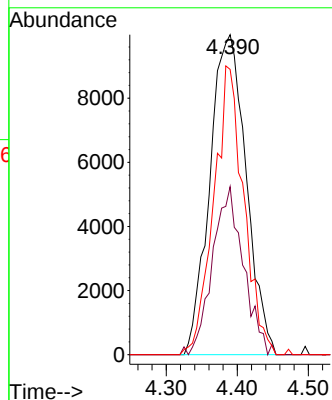
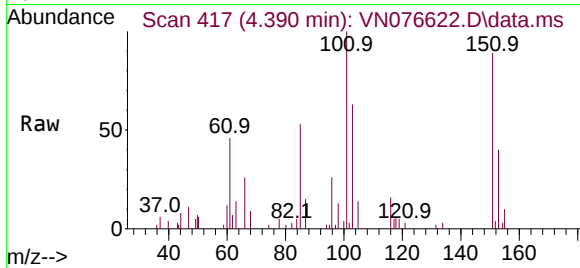
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.094 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 3550
Ion Ratio Lower Upper
101 100
85 44.6 33.9 50.9
151 74.3 62.5 93.7

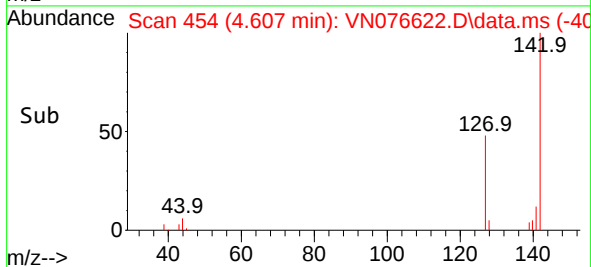
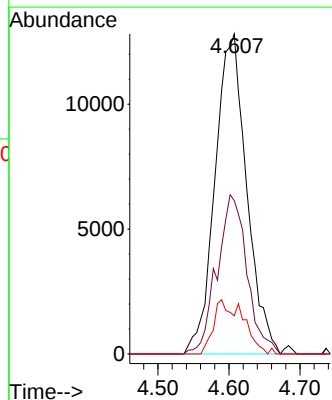
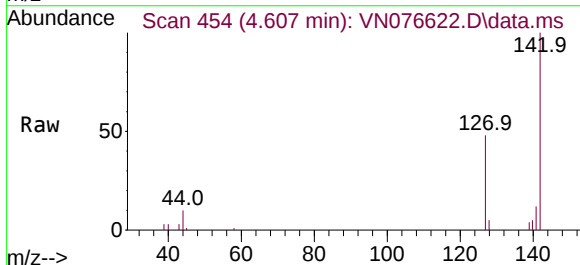
Manual Integrations
APPROVED

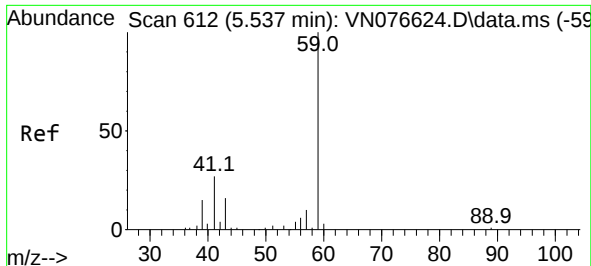
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#10
Methyl Iodide
Concen: 7.684 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion:142 Resp: 39533
Ion Ratio Lower Upper
142 100
127 47.9 34.8 52.2
141 12.0 11.2 16.8





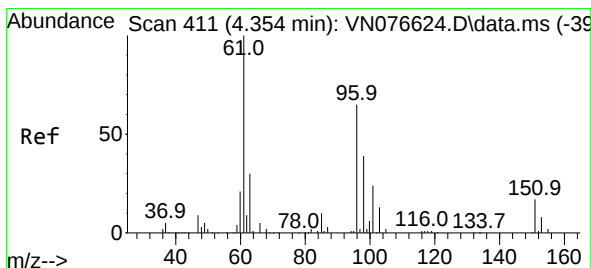
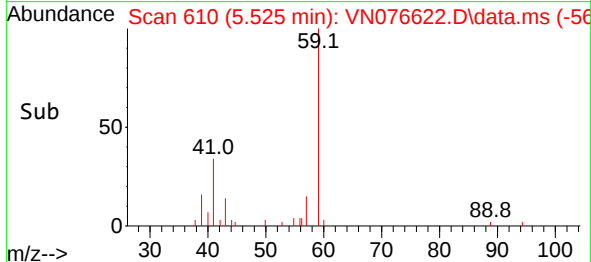
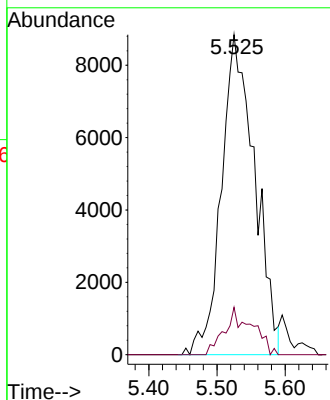
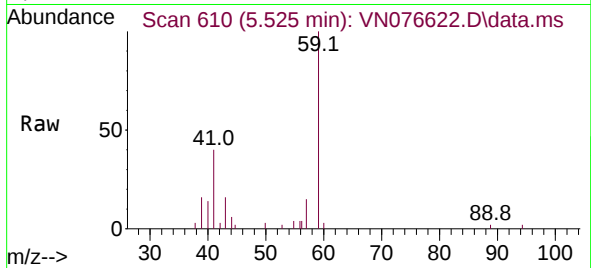
#11
Tert butyl alcohol
Concen: 59.275 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.017 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 2994
Ion Ratio Lower Upper
59 100
57 12.3 8.3 12.5

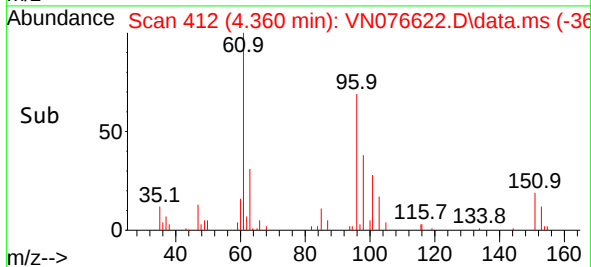
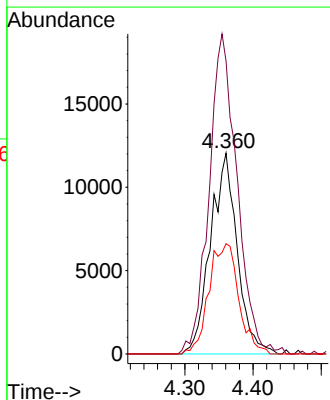
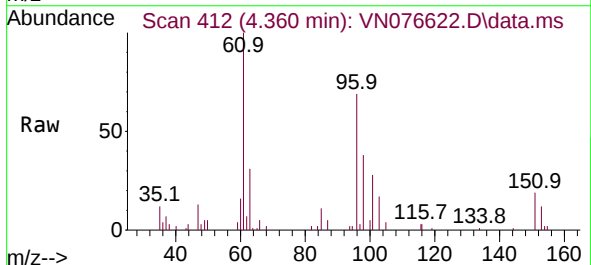
Manual Integrations
APPROVED

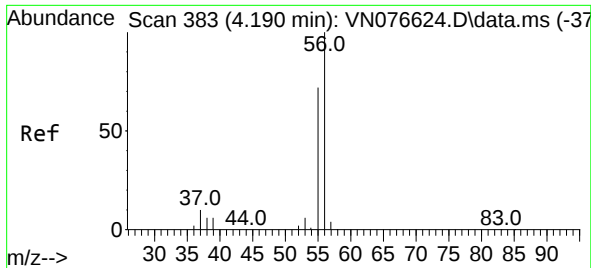
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 10.032 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.007 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

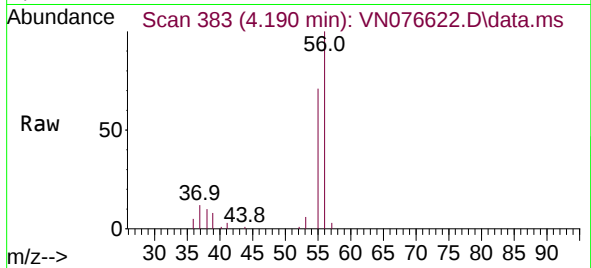
Tgt Ion: 96 Resp: 32968
Ion Ratio Lower Upper
96 100
61 145.9 118.3 177.5
98 55.0 50.7 76.1





#13
Acrolein
Concen: 60.166 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

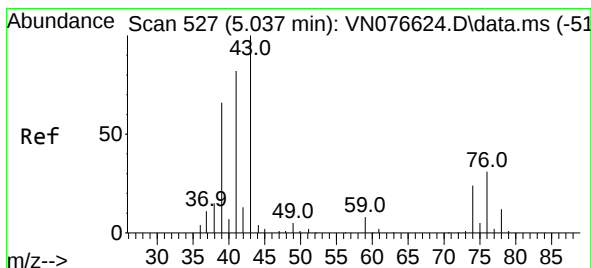
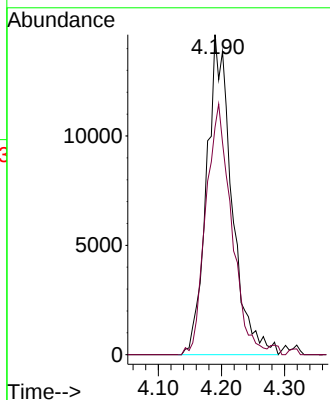
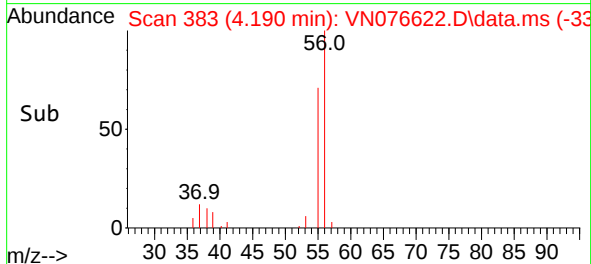
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



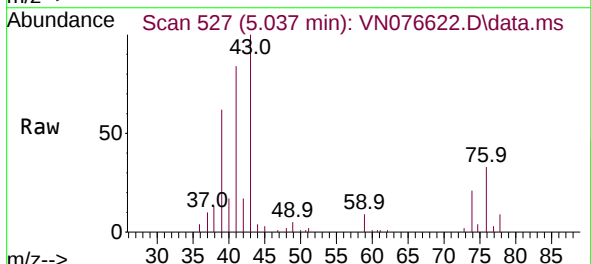
Tgt Ion: 56 Resp: 4060
Ion Ratio Lower Upper
56 100
55 79.7 54.7 82.1

Manual Integrations
APPROVED

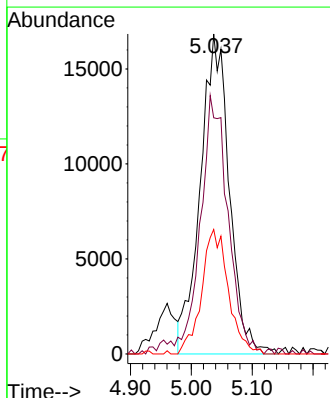
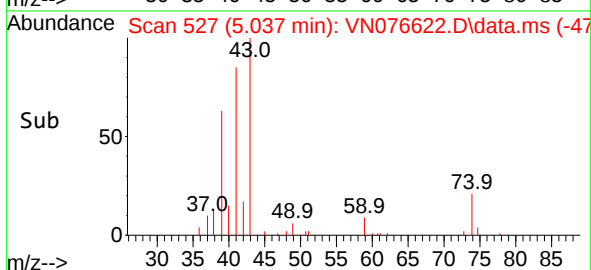
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

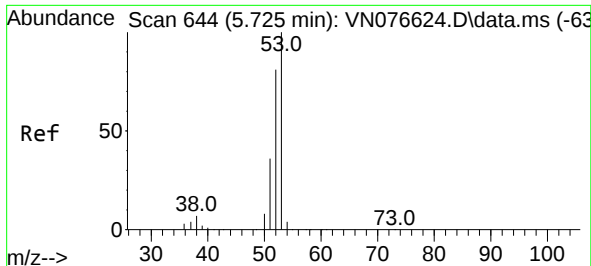


#14
Allyl chloride
Concen: 13.029 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



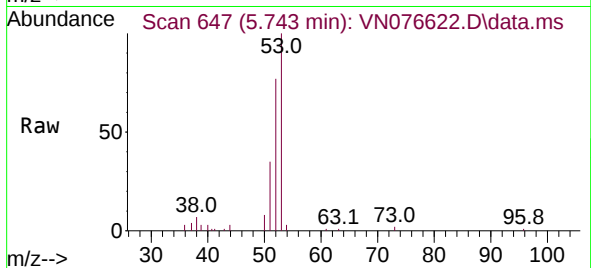
Tgt Ion: 41 Resp: 55762
Ion Ratio Lower Upper
41 100
39 75.7 55.8 83.6
76 35.9 36.8 55.2#





#15
Acrylonitrile
Concen: 70.957 ug/l
RT: 5.743 min Scan# 644
Delta R.T. 0.007 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

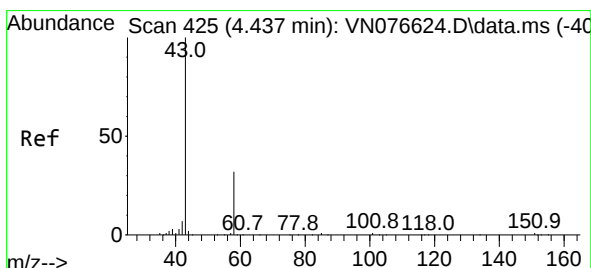
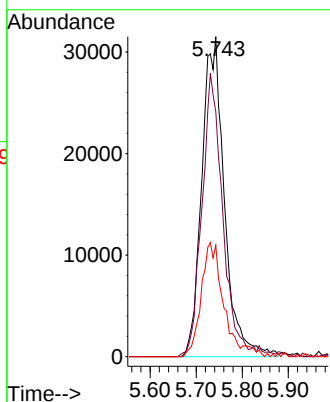
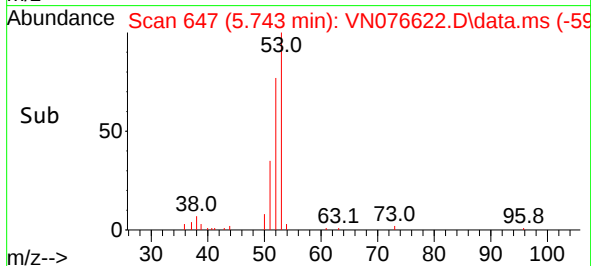
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



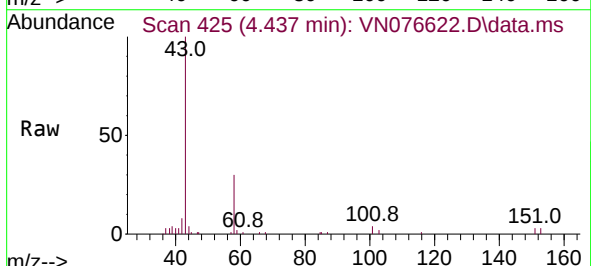
Tgt Ion: 53 Resp: 107570
Ion Ratio Lower Upper
53 100
52 80.5 64.6 96.8
51 33.7 27.9 41.9

Manual Integrations
APPROVED

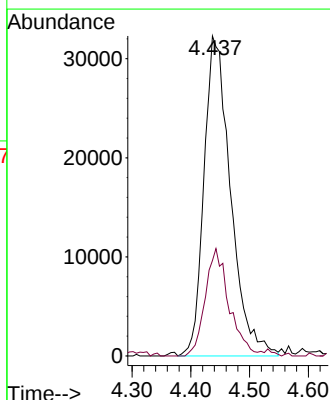
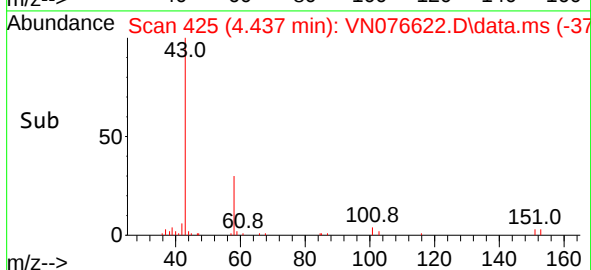
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

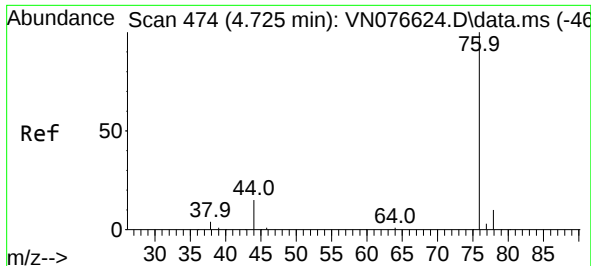


#16
Acetone
Concen: 79.515 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



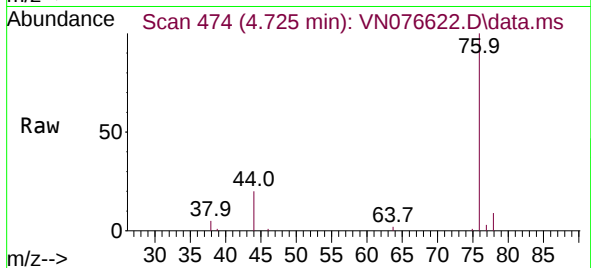
Tgt Ion: 43 Resp: 101677
Ion Ratio Lower Upper
43 100
58 29.3 28.4 42.6





#17
Carbon Disulfide
Concen: 10.496 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

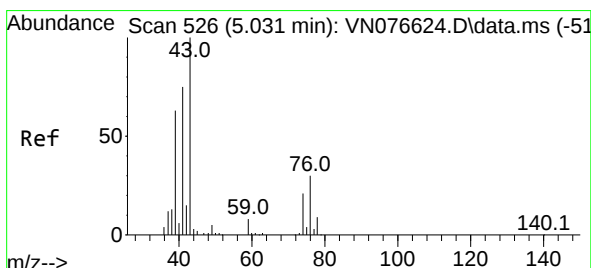
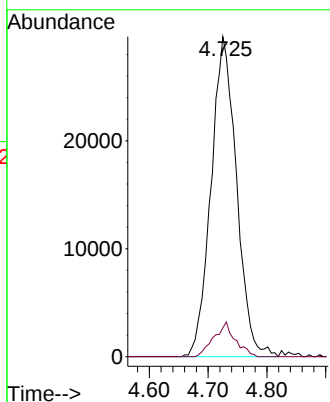
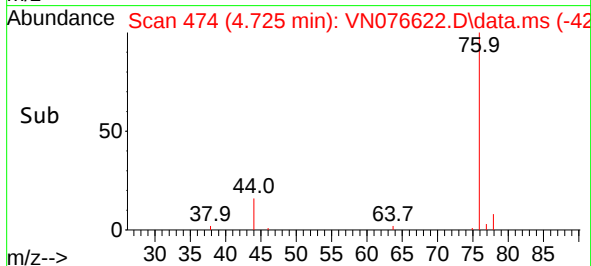
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



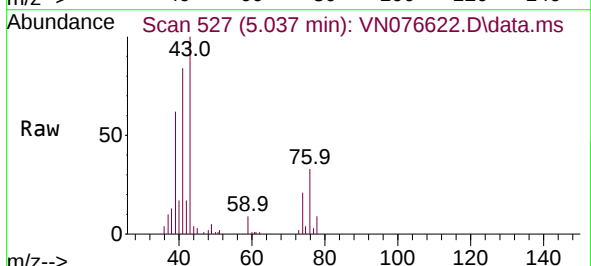
Tgt Ion: 76 Resp: 8935
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

Manual Integrations
APPROVED

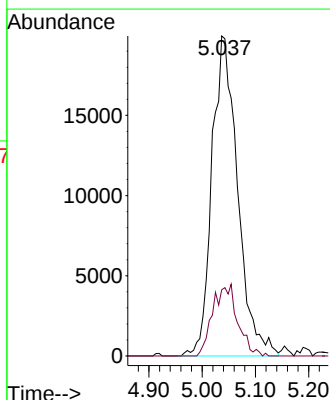
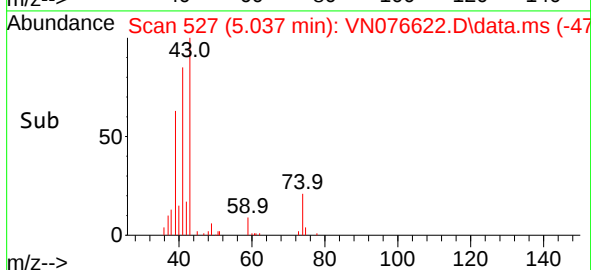
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

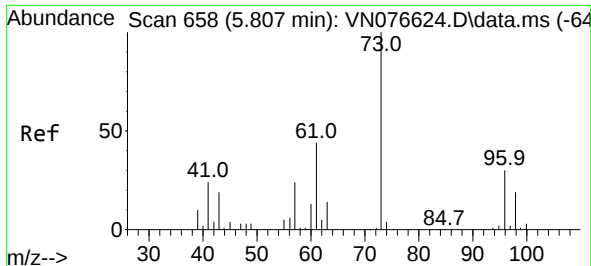


#18
Methyl Acetate
Concen: 16.546 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion: 43 Resp: 66942
Ion Ratio Lower Upper
43 100
74 21.6 23.9 35.9#





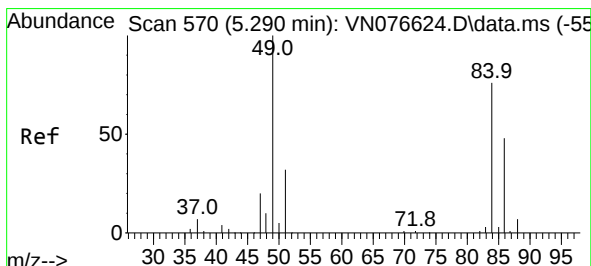
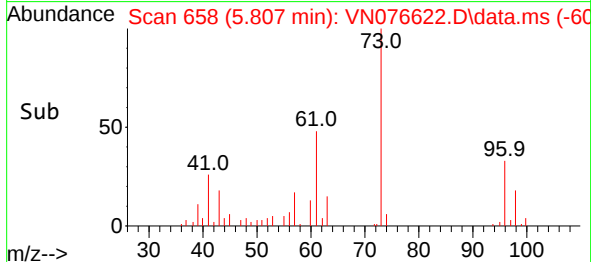
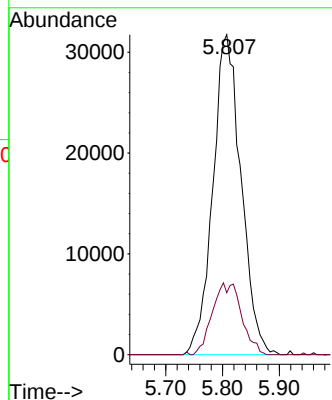
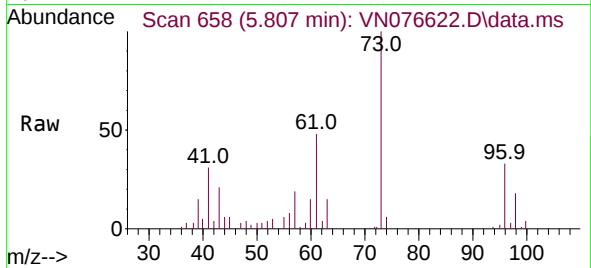
#19
Methyl tert-butyl Ether
Concen: 10.000 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 109290
Ion Ratio Lower Upper
73 100
57 19.4 17.0 25.6

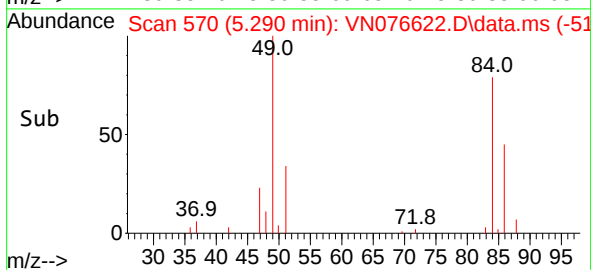
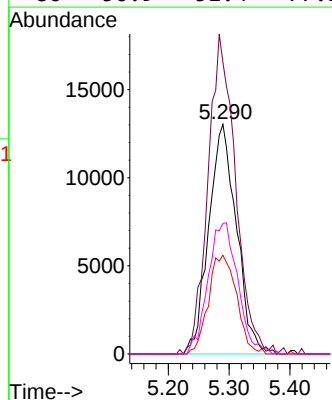
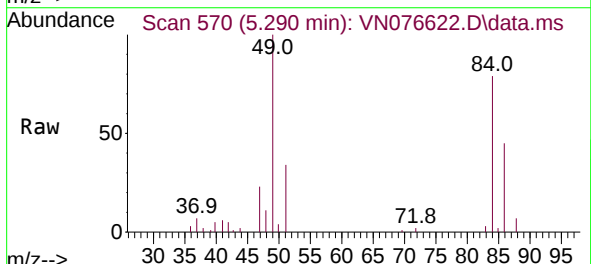
Manual Integrations
APPROVED

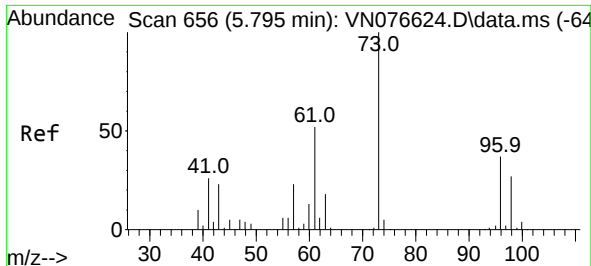
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 10.488 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

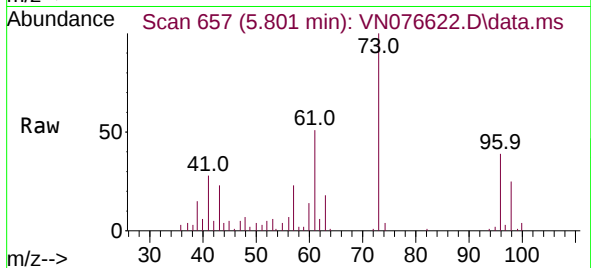
Tgt Ion: 84 Resp: 41343
Ion Ratio Lower Upper
84 100
49 125.8 82.0 123.0#
51 43.0 26.0 39.0#
86 56.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 10.144 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

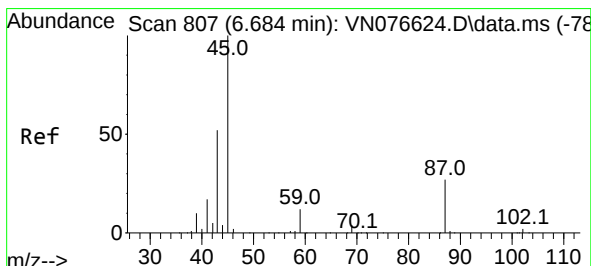
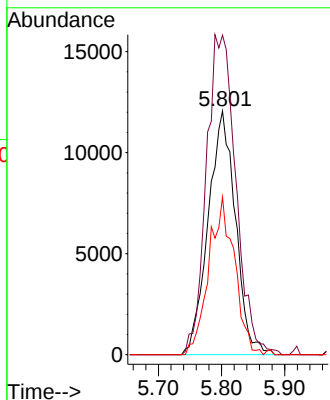
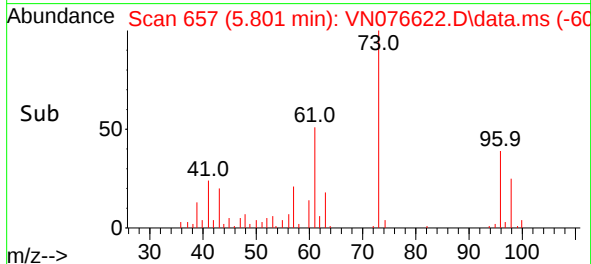
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



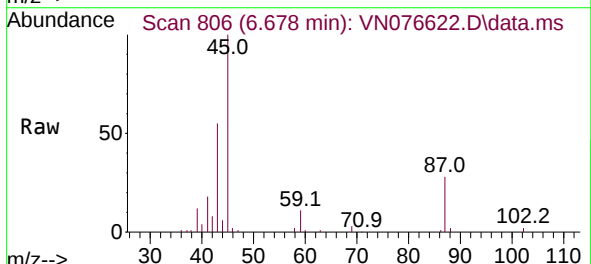
Tgt Ion: 96 Resp: 3623
Ion Ratio Lower Upper
96 100
61 131.1 98.9 148.3
98 64.7 49.4 74.2

Manual Integrations
APPROVED

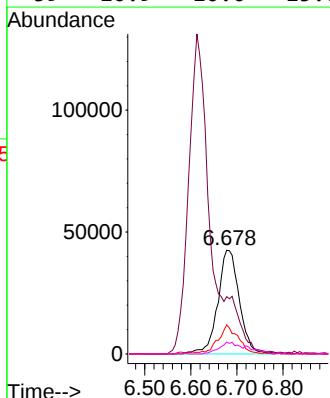
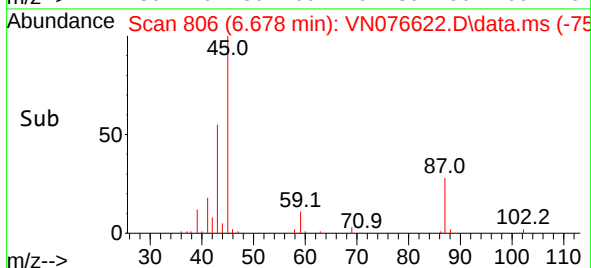
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

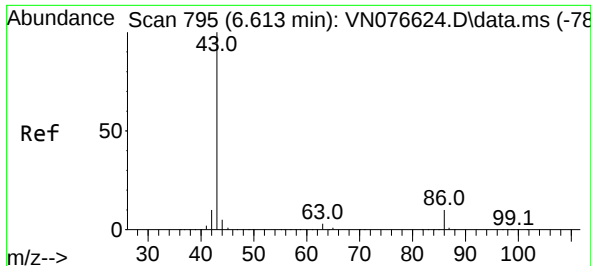


#22
Diisopropyl ether
Concen: 14.182 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



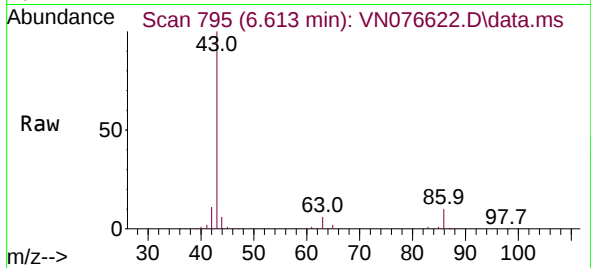
Tgt Ion: 45 Resp: 137561
Ion Ratio Lower Upper
45 100
43 53.7 41.4 62.2
87 26.8 28.2 42.4#
59 10.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 63.824 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: VN076622.D
 Acq: 13 Feb 2023 11:03

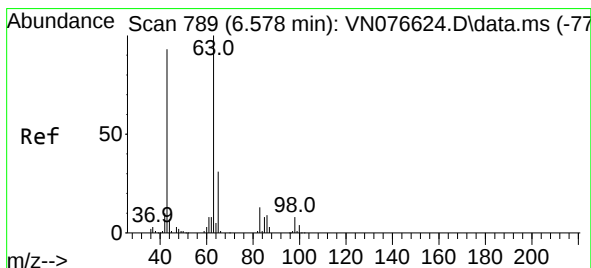
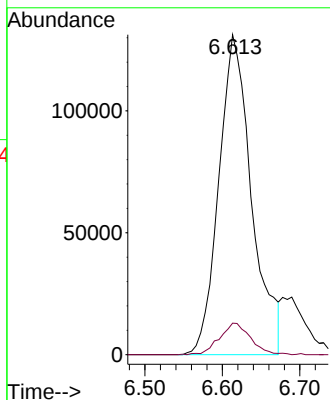
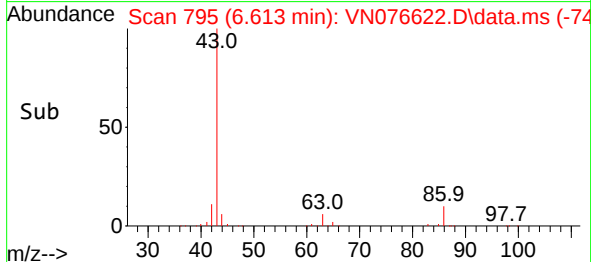
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010



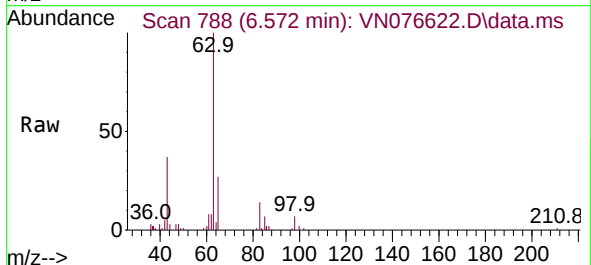
Tgt Ion: 43 Resp: 387364
 Ion Ratio Lower Upper
 43 100
 86 9.8 11.3 16.9

Manual Integrations
 APPROVED

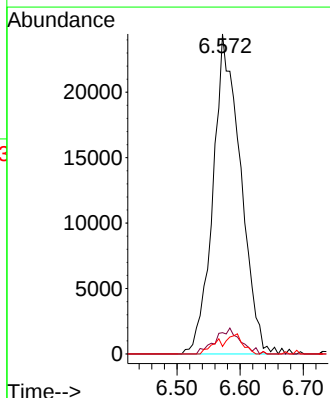
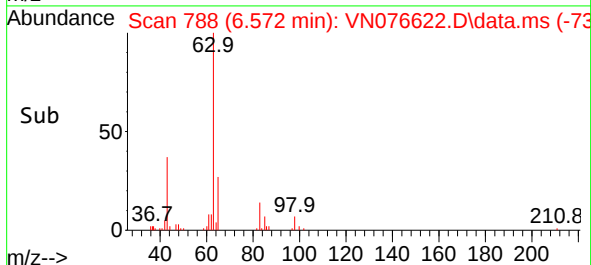
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

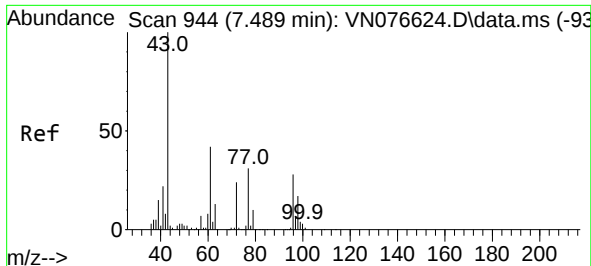


#24
 1,1-Dichloroethane
 Concen: 11.917 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.011 min
 Lab File: VN076622.D
 Acq: 13 Feb 2023 11:03



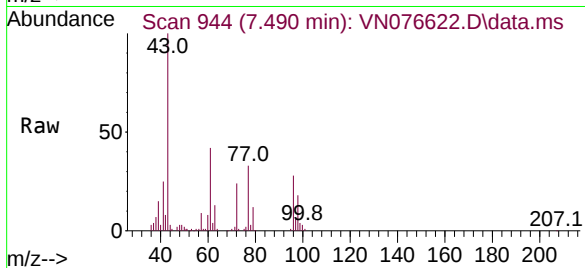
Tgt Ion: 63 Resp: 74226
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 2.3 2.5 7.4





#25
2-Butanone
Concen: 79.649 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

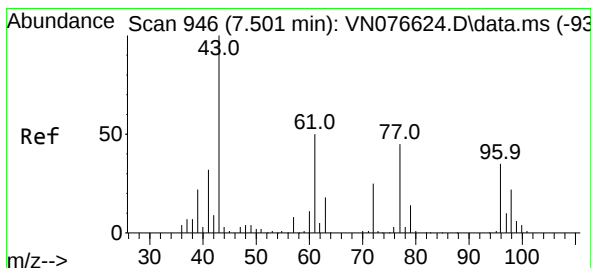
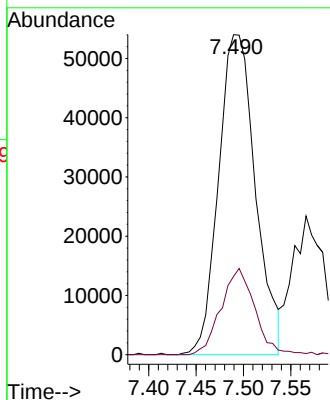
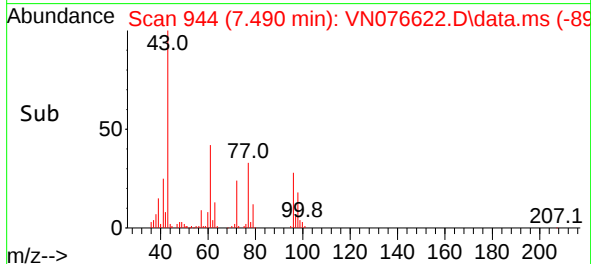
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



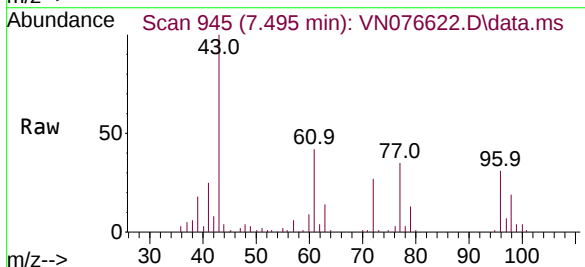
Tgt Ion: 43 Resp: 146400
Ion Ratio Lower Upper
43 100
72 24.5 25.1 37.7

Manual Integrations
APPROVED

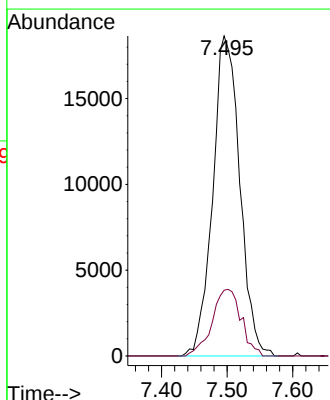
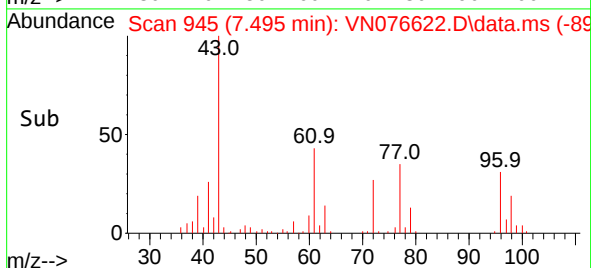
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

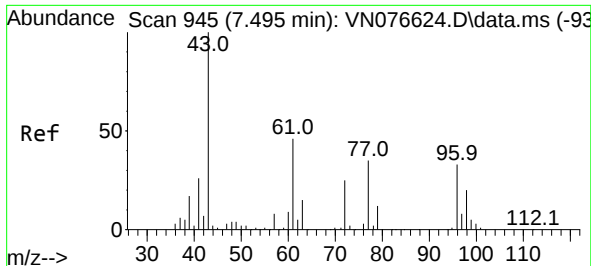


#26
2,2-Dichloropropane
Concen: 10.262 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion: 77 Resp: 53355
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 10.236 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 96 Resp: 4275

Ion Ratio Lower Upper

96 100

61 148.4 0.0 262.2

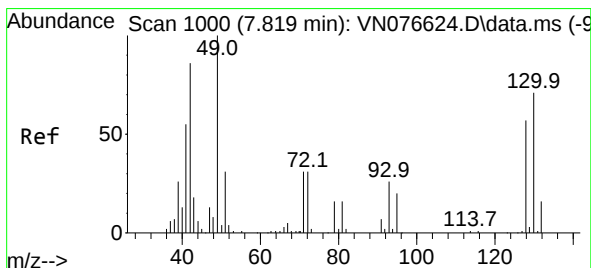
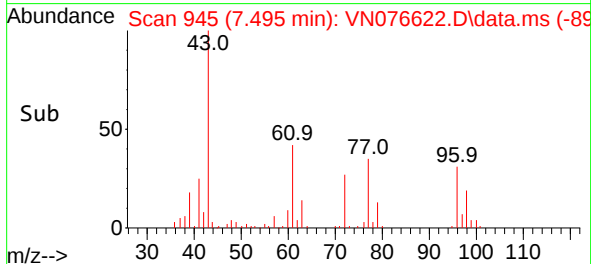
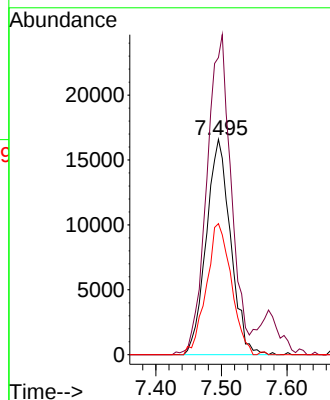
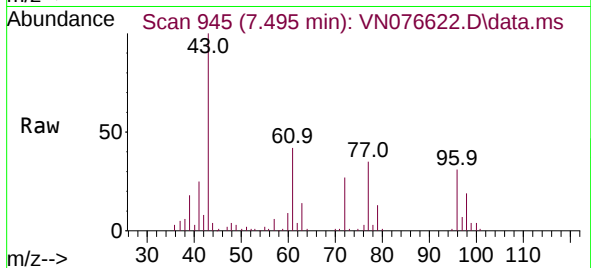
98 62.4 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#28

Bromochloromethane

Concen: 14.464 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

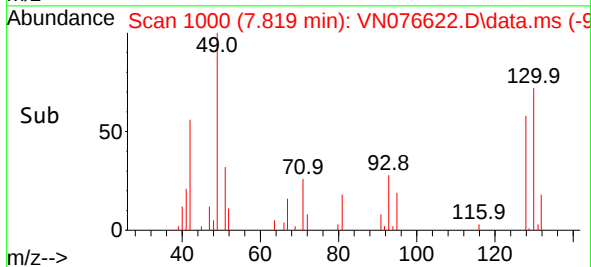
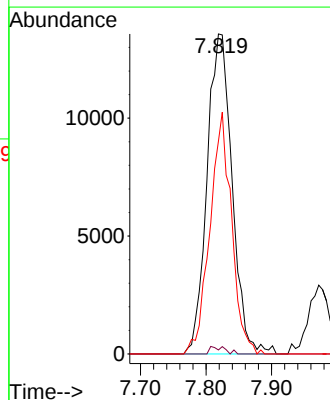
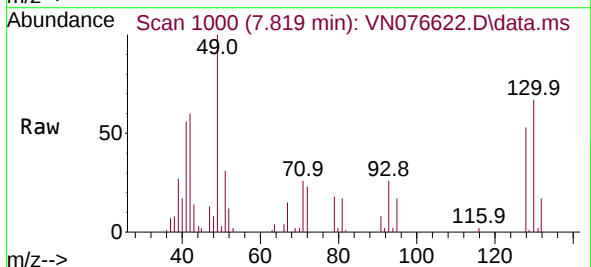
Tgt Ion: 49 Resp: 36098

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 65.3 74.3 111.5#





#29

Tetrahydrofuran

Concen: 80.447 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

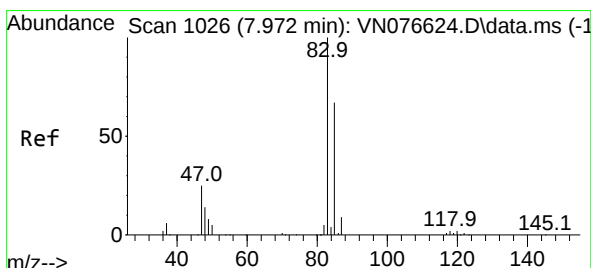
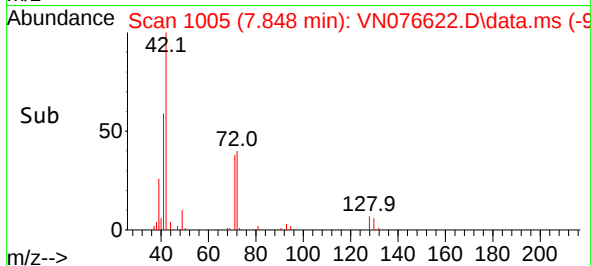
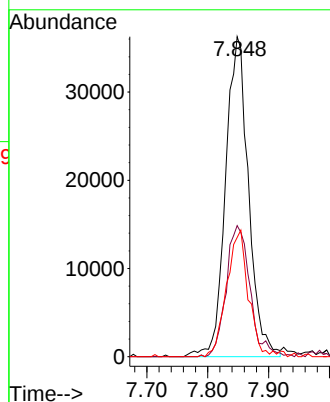
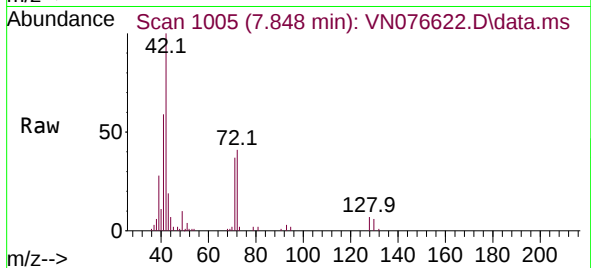
Tgt Ion: 42 Resp: 9503
 Ion Ratio Lower Upper
 42 100
 72 42.5 42.9 64.3
 71 37.1 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 11.029 ug/l

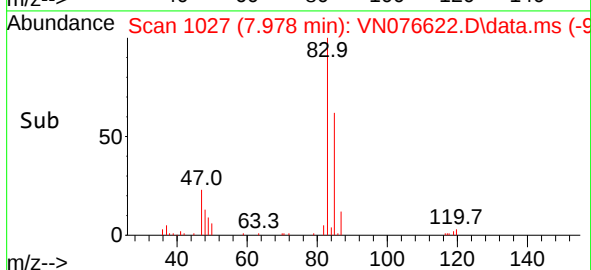
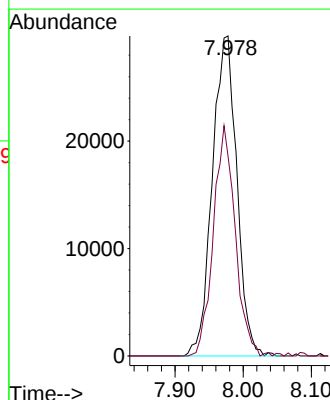
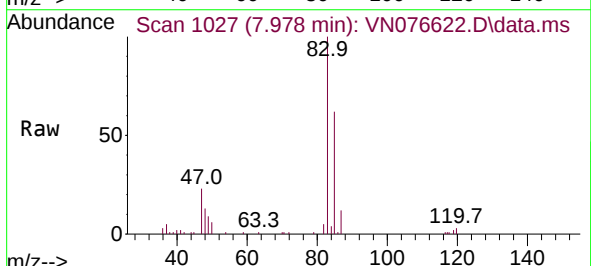
RT: 7.978 min Scan# 1027

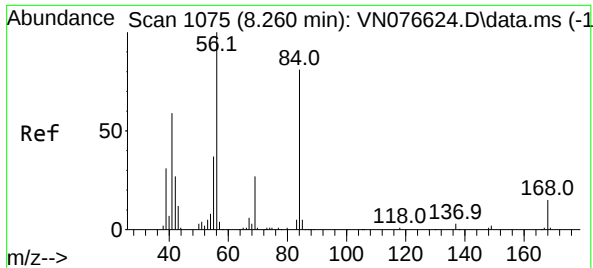
Delta R.T. 0.007 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Tgt Ion: 83 Resp: 74521
 Ion Ratio Lower Upper
 83 100
 85 62.4 52.5 78.7





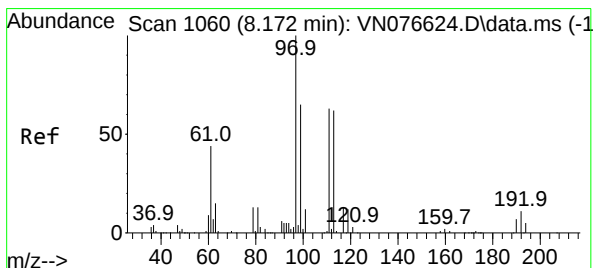
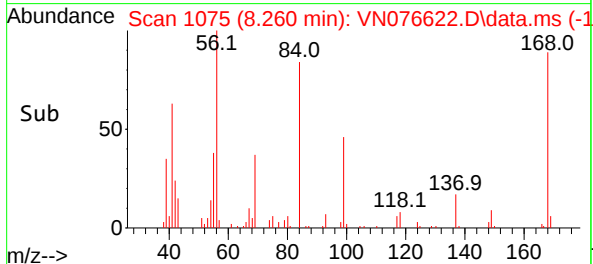
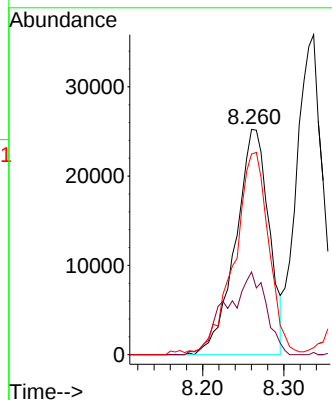
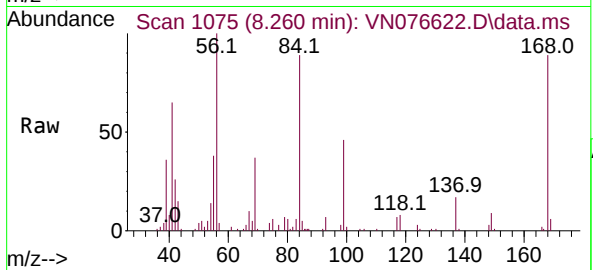
#31
Cyclohexane
Concen: 11.767 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 72133
Ion Ratio Lower Upper
56 100
69 36.7 27.0 40.4
84 87.1 79.5 119.3

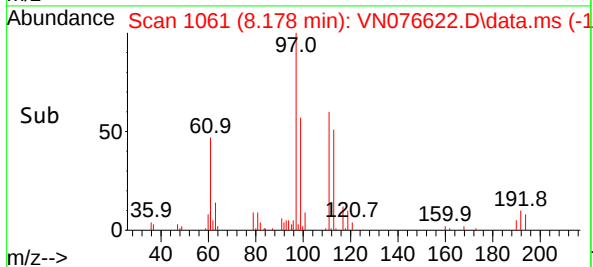
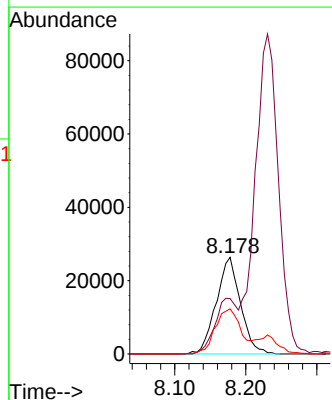
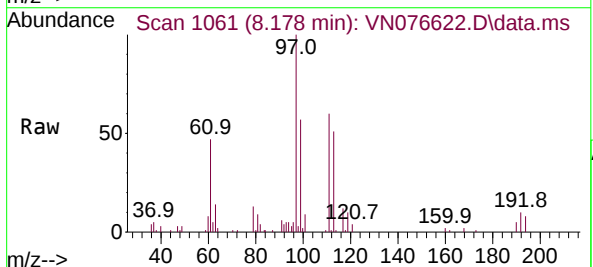
Manual Integrations
APPROVED

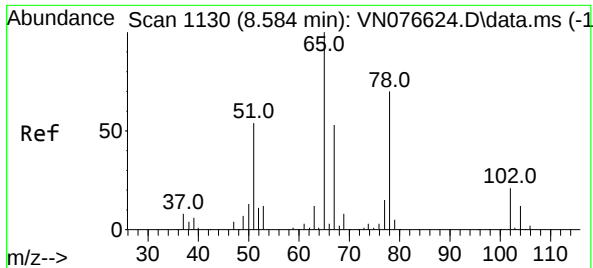
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#32
1,1,1-Trichloroethane
Concen: 10.295 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 97 Resp: 62331
Ion Ratio Lower Upper
97 100
99 53.3 53.5 80.3#
61 49.4 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 12.344 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 47870

Ion Ratio Lower Upper

65 100

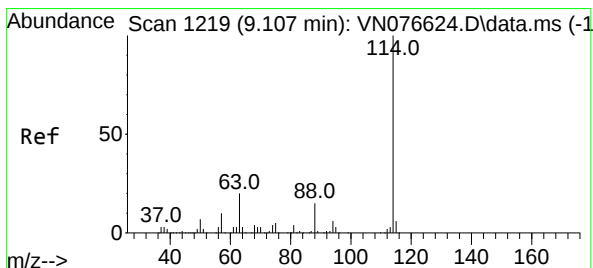
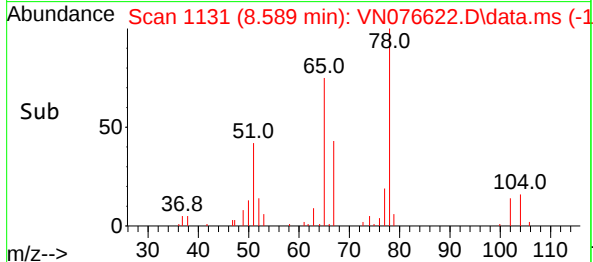
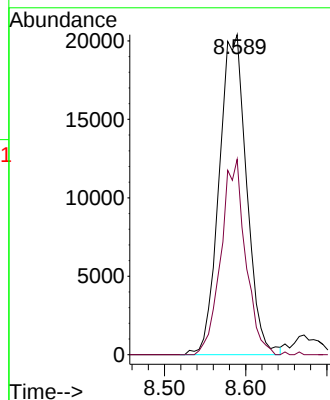
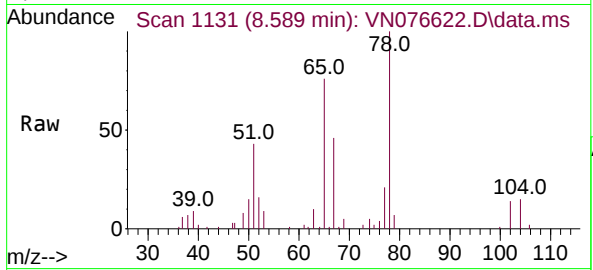
67 54.6 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

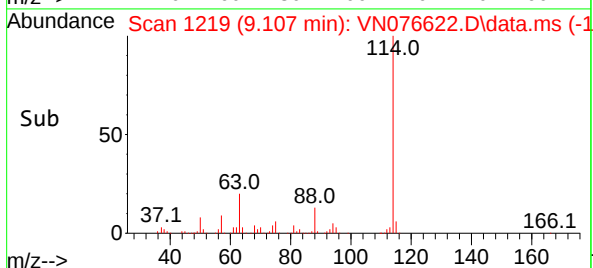
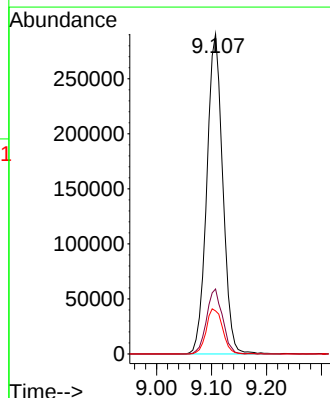
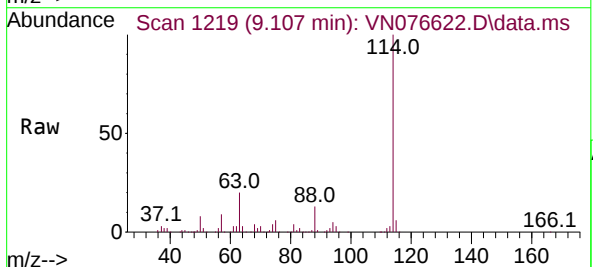
Tgt Ion:114 Resp: 585458

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

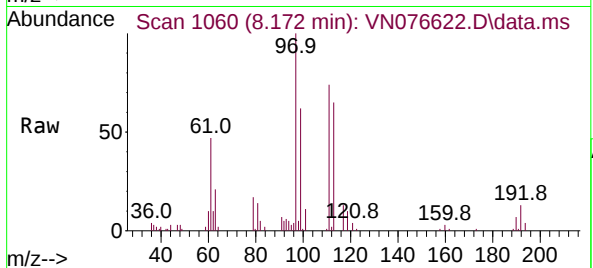
88 13.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 10.714 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

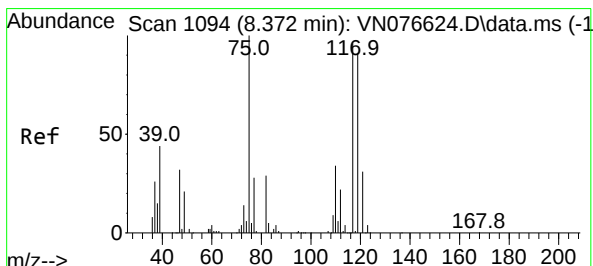
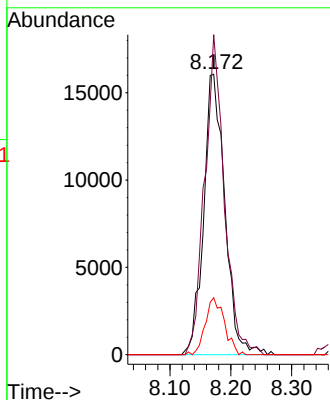
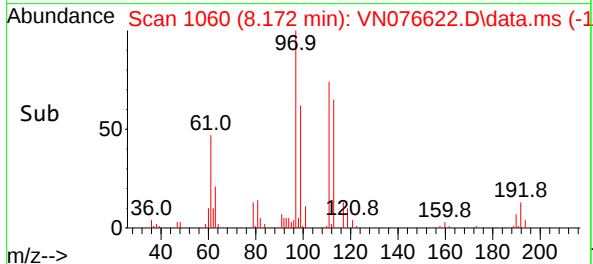
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



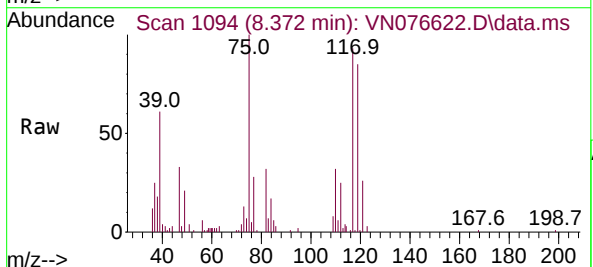
Tgt Ion: 113 Resp: 3899
Ion Ratio Lower Upper
113 100
111 105.8 82.0 123.0
192 18.3 14.8 22.2

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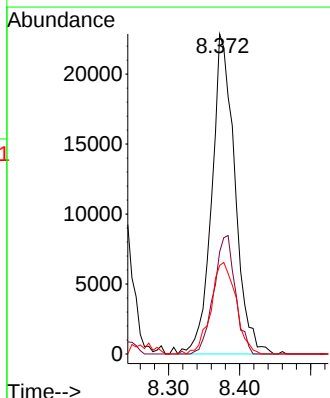
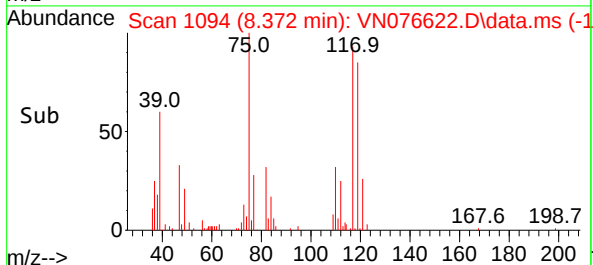
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#36
1,1-Dichloropropene
Concen: 9.890 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion: 75 Resp: 51390
Ion Ratio Lower Upper
75 100
110 34.5 18.6 55.6
77 31.1 25.1 37.7





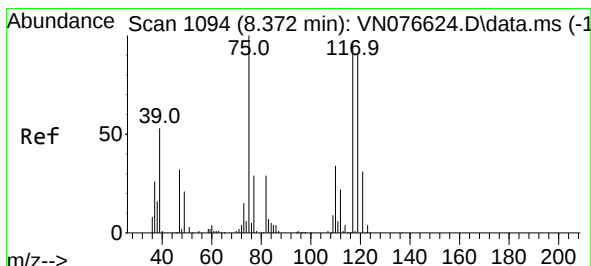
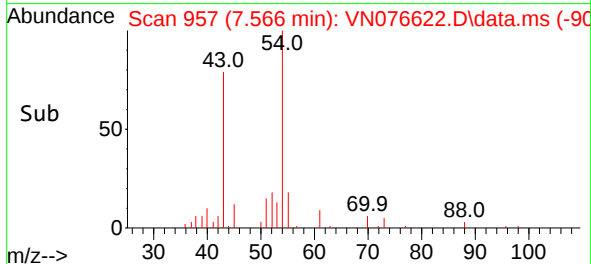
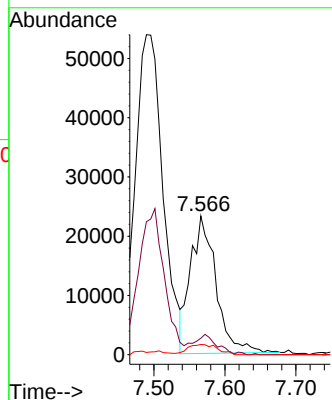
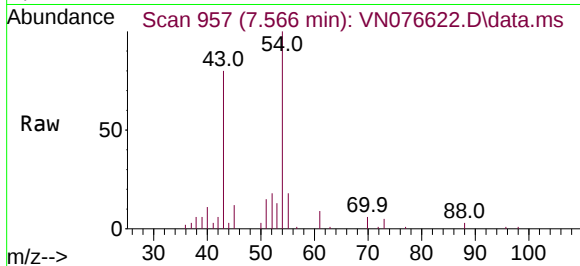
#37
Ethyl Acetate
Concen: 14.967 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 5826
Ion Ratio Lower Upper
43 100
61 10.0 11.8 17.6
70 8.6 10.4 15.6

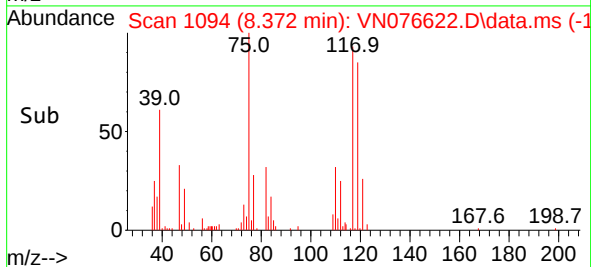
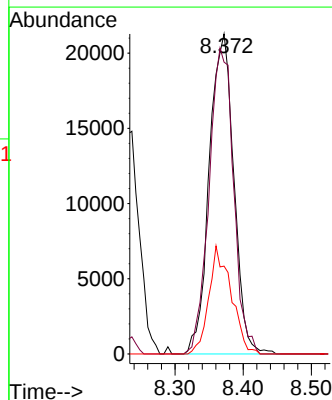
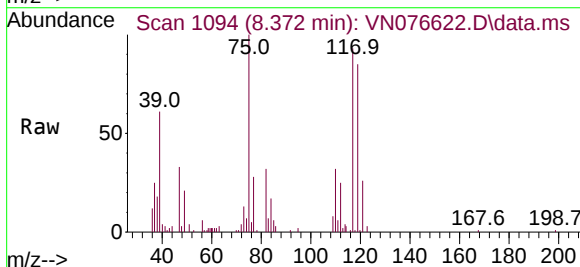
Manual Integrations
APPROVED

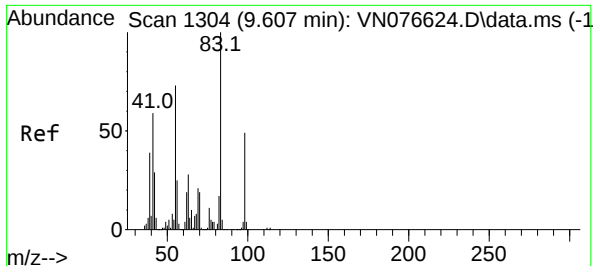
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 9.548 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.007 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion:117 Resp: 53345
Ion Ratio Lower Upper
117 100
119 91.2 77.2 115.8
121 27.4 23.9 35.9





#39

Methylcyclohexane

Concen: 9.235 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

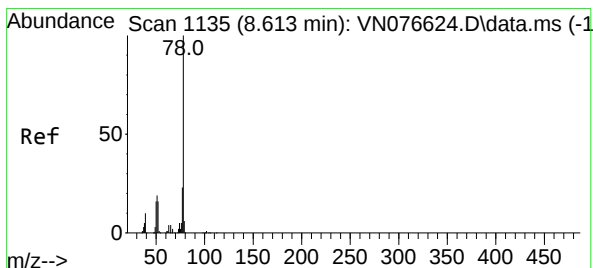
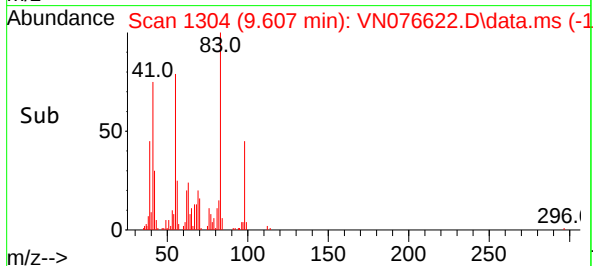
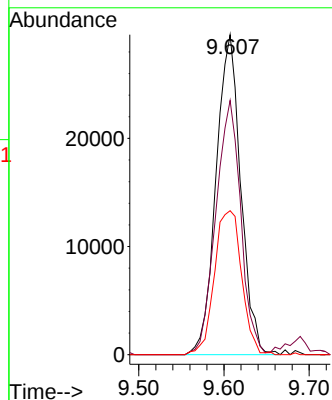
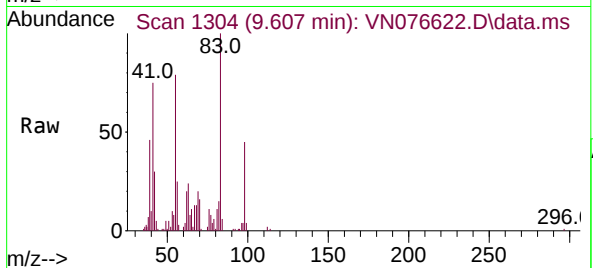
Tgt Ion: 83	Resp: 59590
Ion Ratio	Lower Upper
83 100	
55 79.5	53.8 80.6
98 45.0	39.0 58.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 10.687 ug/l

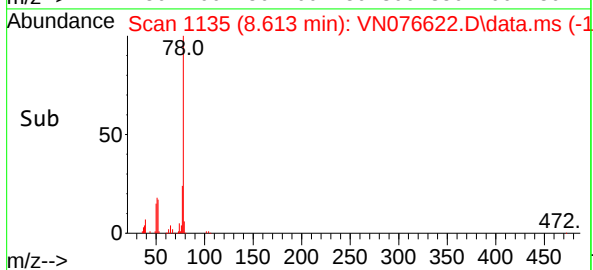
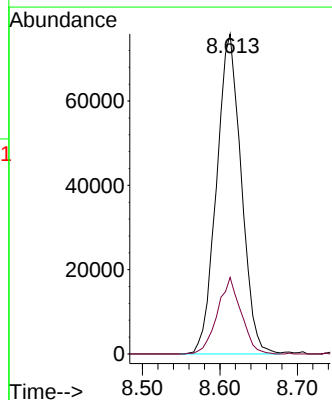
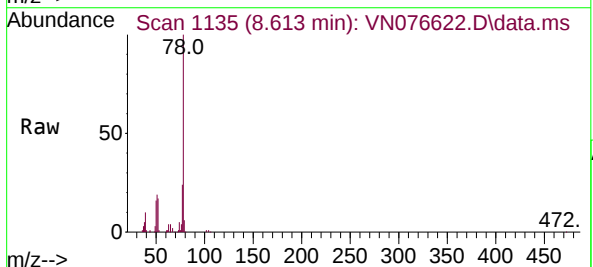
RT: 8.613 min Scan# 1135

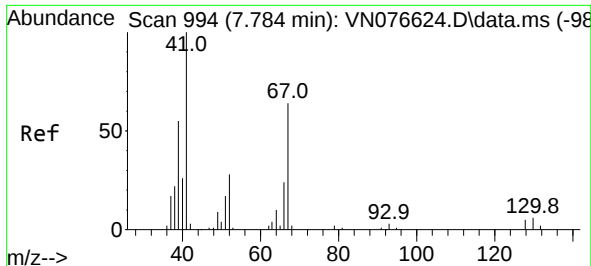
Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

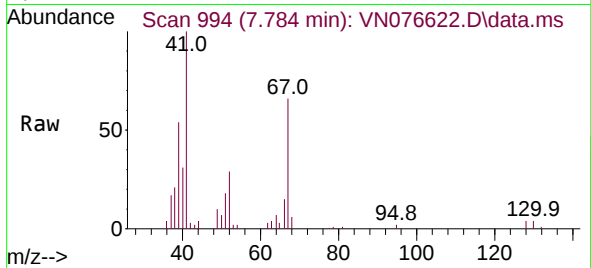
Tgt Ion: 78	Resp: 168331
Ion Ratio	Lower Upper
78 100	
77 23.9	18.6 27.8





#41
Methacrylonitrile
Concen: 14.807 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010

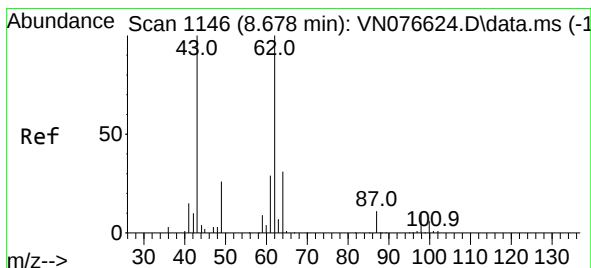
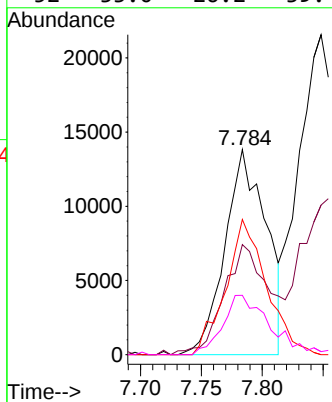
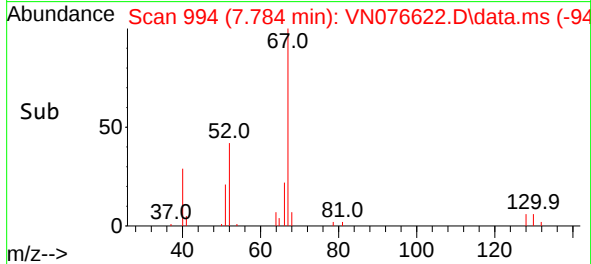


Tgt Ion: 41 Resp: 3263

Ion	Ratio	Lower	Upper
41	100		
39	60.2	41.3	61.9
67	65.0	69.6	104.4
52	33.0	26.2	39.4

Manual Integrations
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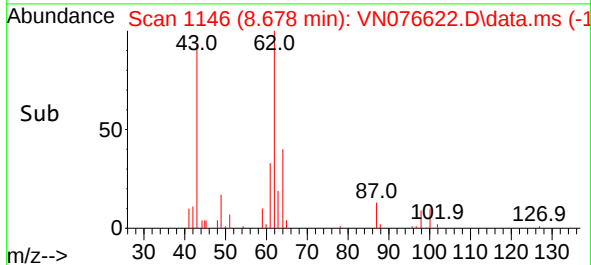
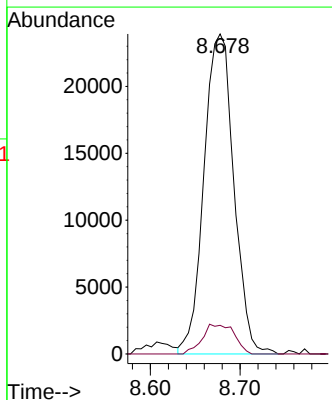
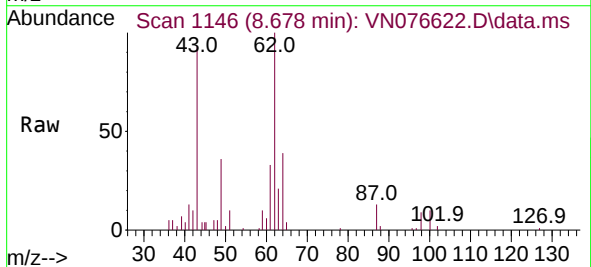
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

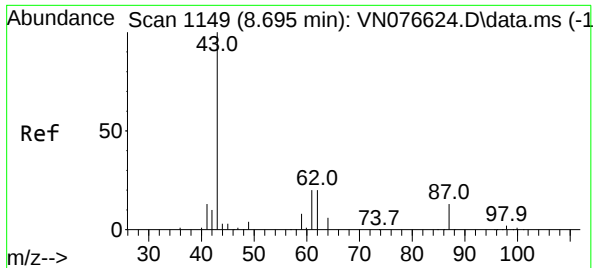


#42
1,2-Dichloroethane
Concen: 10.787 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 62 Resp: 55322

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.6





#43

Isopropyl Acetate

Concen: 14.168 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

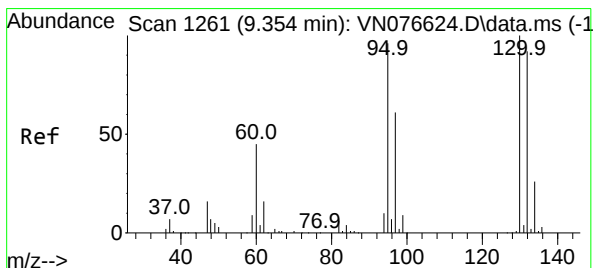
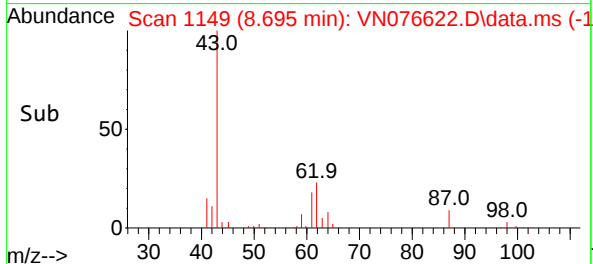
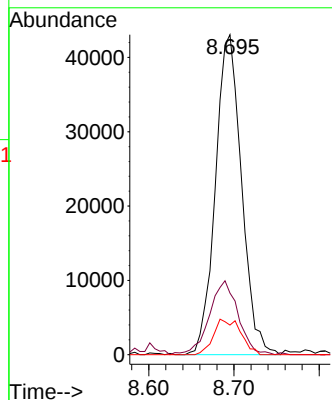
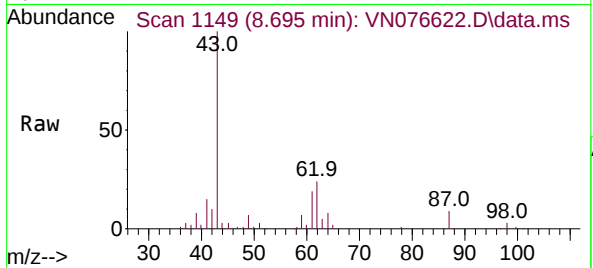
Tgt Ion: 43	Resp: 9178
Ion Ratio	Lower Upper
43	100
61	25.5 24.5 36.7
87	11.6 13.6 20.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#44

Trichloroethene

Concen: 9.199 ug/l

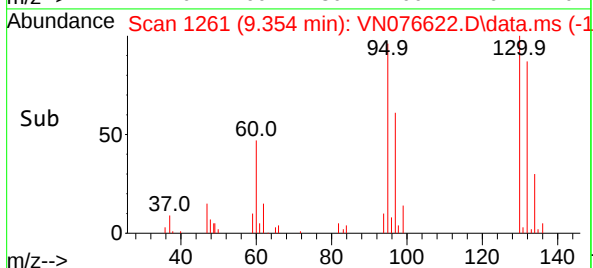
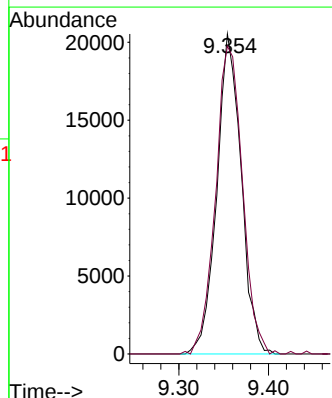
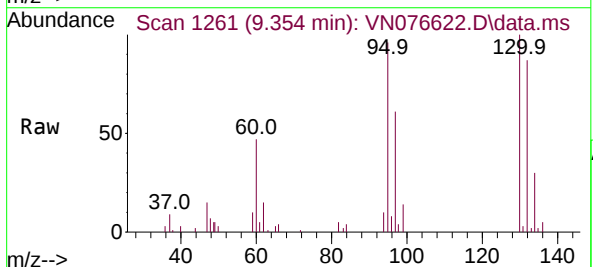
RT: 9.354 min Scan# 1261

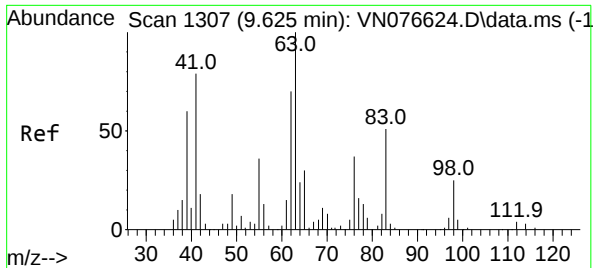
Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Tgt Ion:130	Resp: 38693
Ion Ratio	Lower Upper
130	100
95	96.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 11.694 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 44240

Ion Ratio Lower Upper

63 100

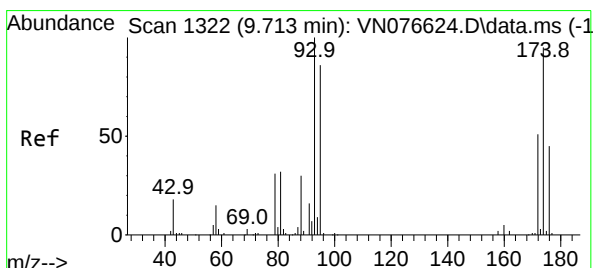
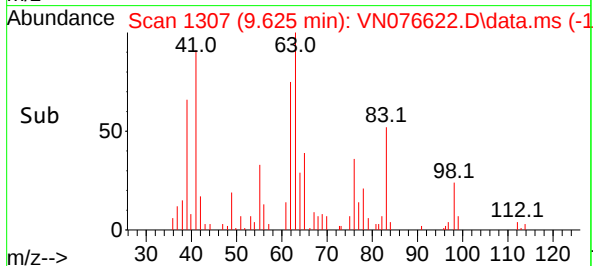
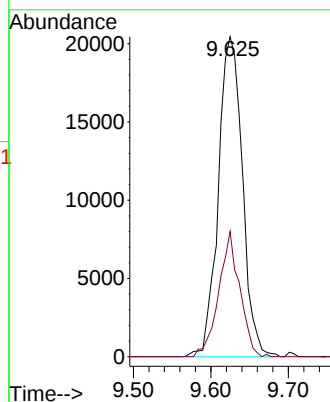
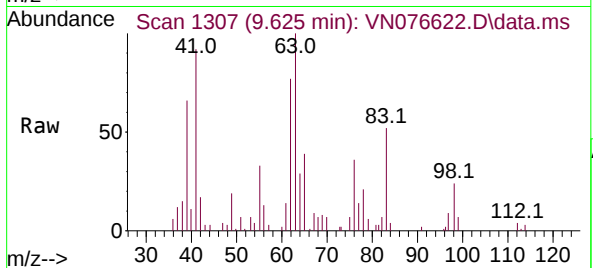
65 39.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 10.351 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

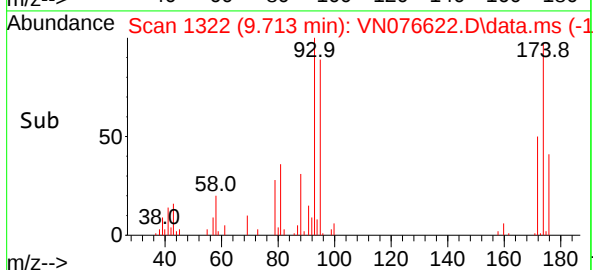
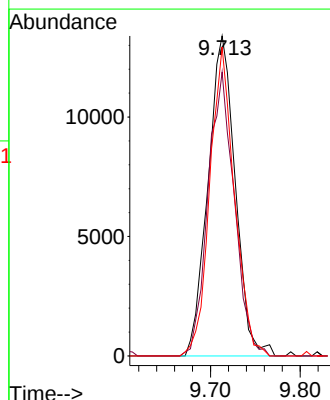
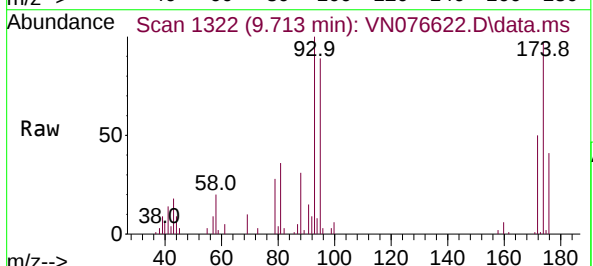
Tgt Ion: 93 Resp: 28248

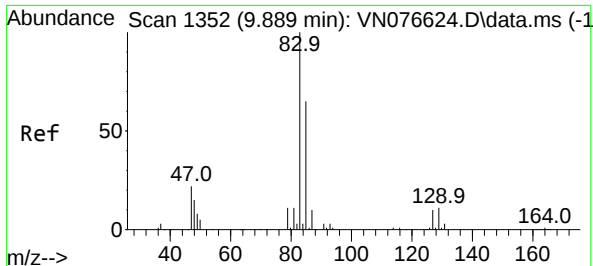
Ion Ratio Lower Upper

93 100

95 85.6 68.0 102.0

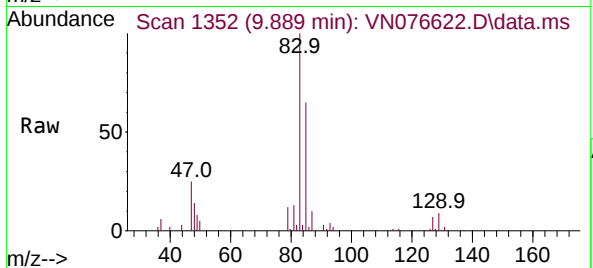
174 87.3 80.9 121.3





#47
Bromodichloromethane
Concen: 10.029 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

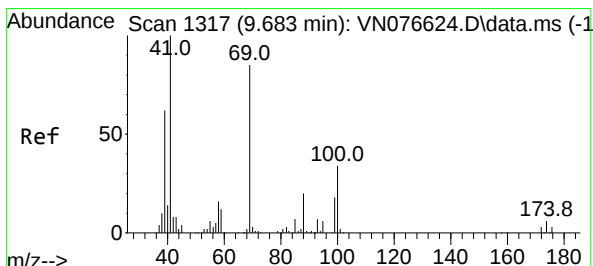
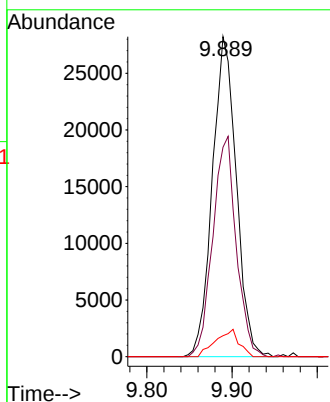
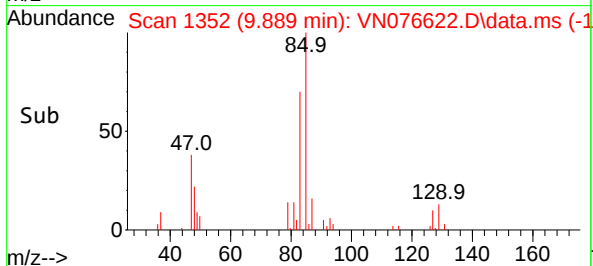
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 5503
Ion Ratio Lower Upper
83 100
85 65.5 50.7 76.1
127 6.5 7.0 10.6

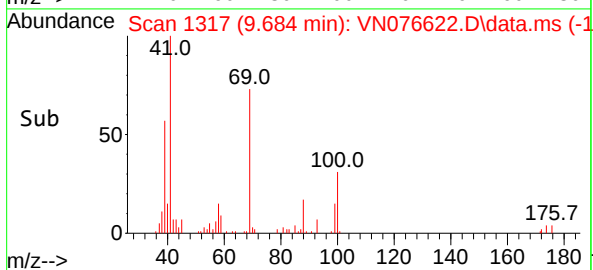
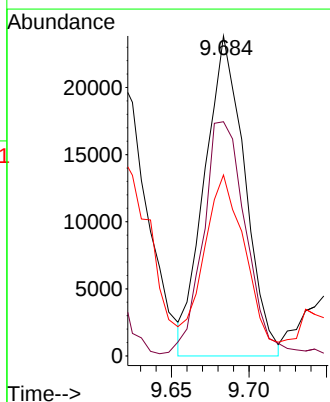
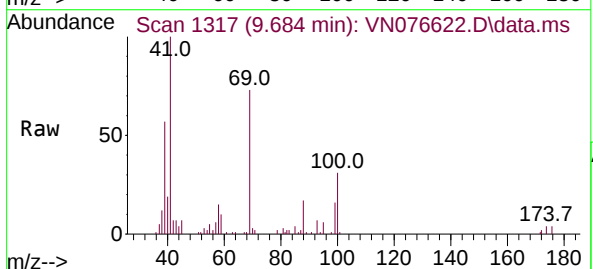
Manual Integrations
APPROVED

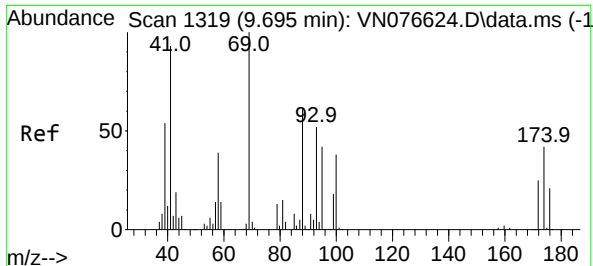
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 13.459 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 41 Resp: 42879
Ion Ratio Lower Upper
41 100
69 79.2 83.0 124.4#
39 59.5 43.8 65.8





#49

1,4-Dioxane

Concen: 235.110 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 1602

Ion Ratio Lower Upper

88 100

43 31.2 16.7 25.1

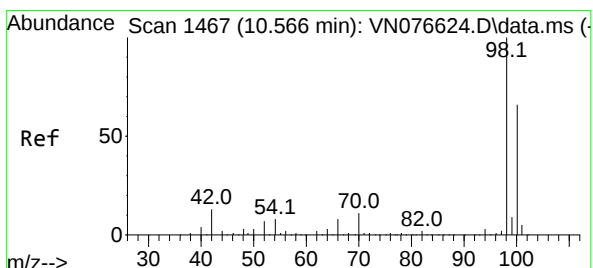
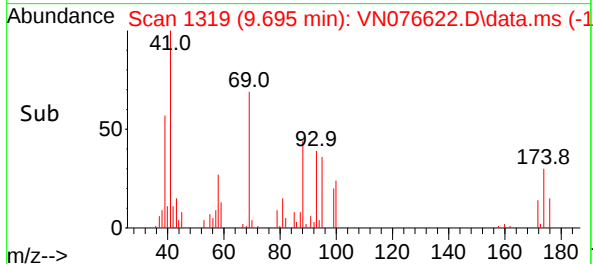
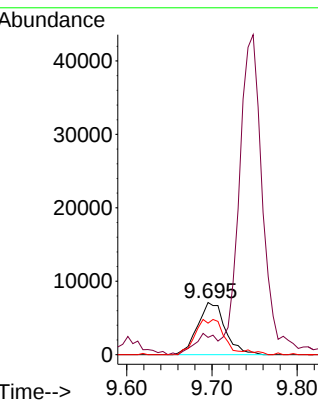
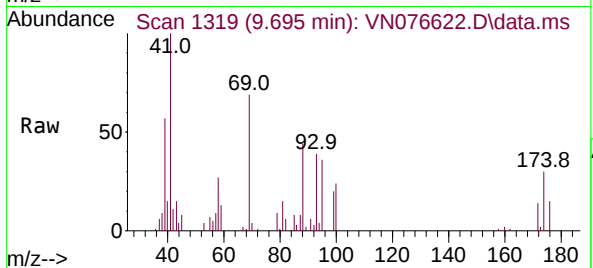
58 69.7 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 10.410 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.005 min

Lab File: VN076622.D

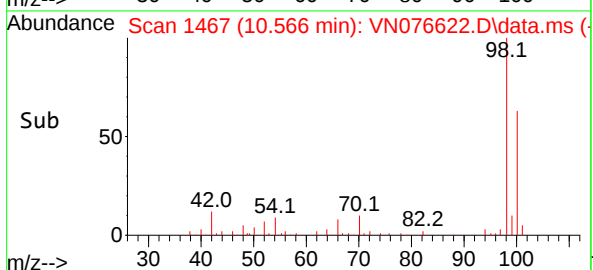
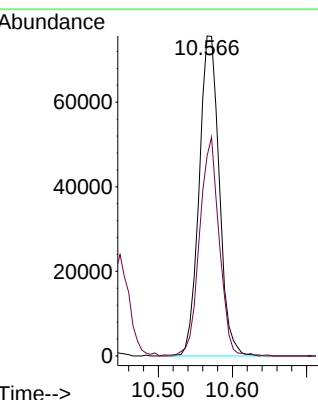
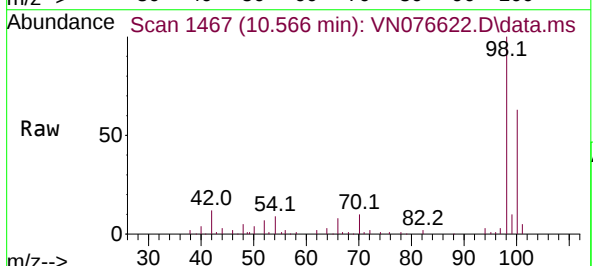
Acq: 13 Feb 2023 11:03

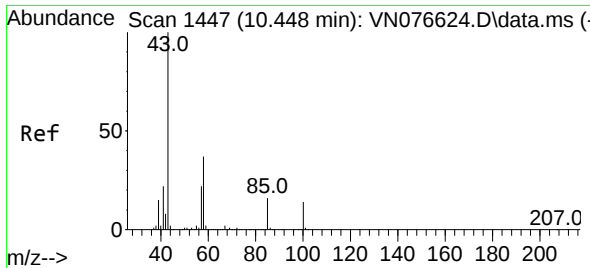
Tgt Ion: 98 Resp: 142525

Ion Ratio Lower Upper

98 100

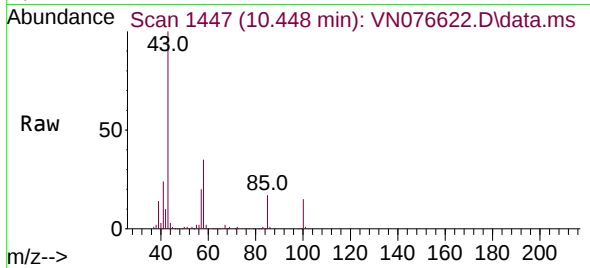
100 66.5 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 77.327 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

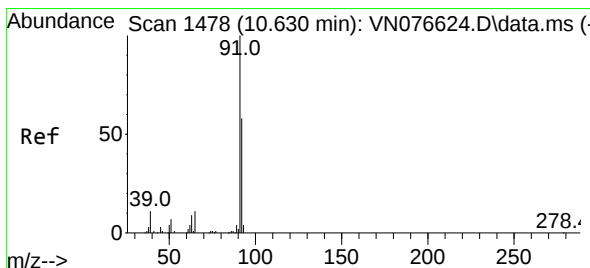
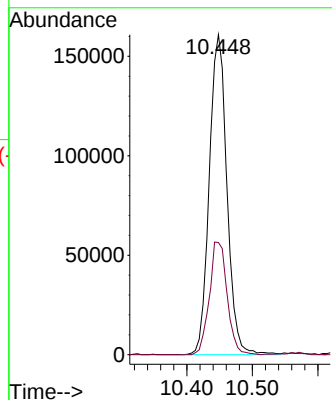
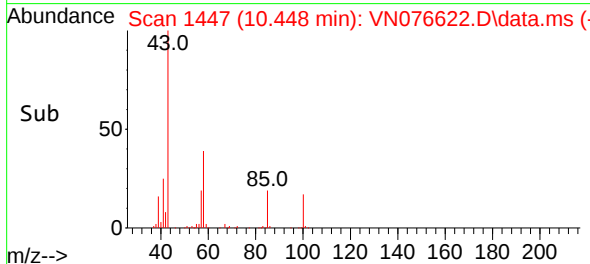
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



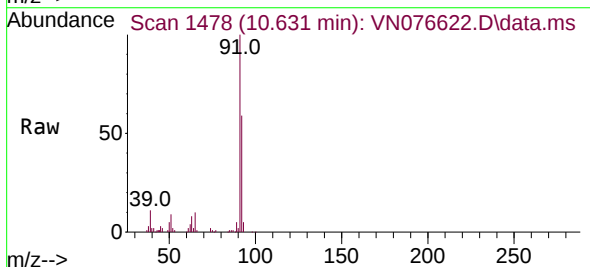
Tgt Ion: 43 Resp: 301058
Ion Ratio Lower Upper
43 100
58 35.5 36.4 54.6

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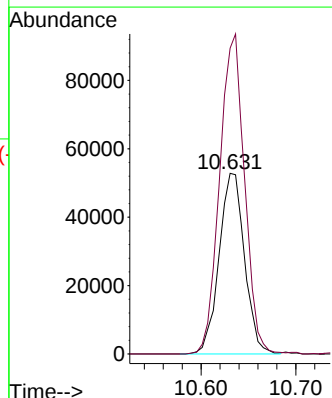
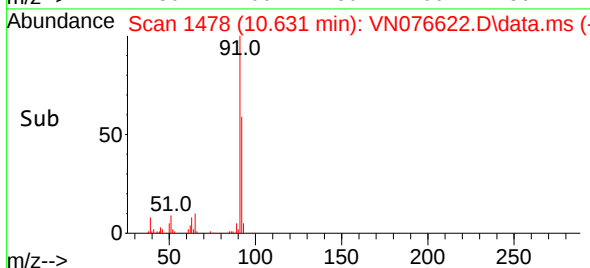
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

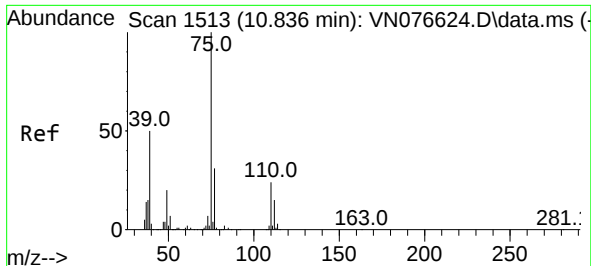


#52
Toluene
Concen: 9.699 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.004 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



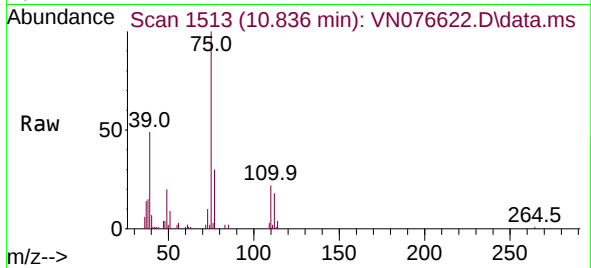
Tgt Ion: 92 Resp: 98592
Ion Ratio Lower Upper
92 100
91 173.7 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 9.428 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

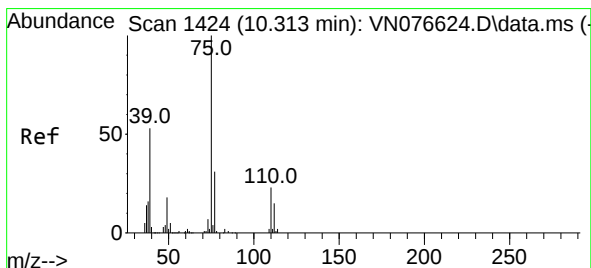
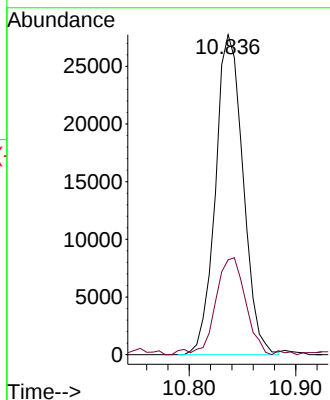
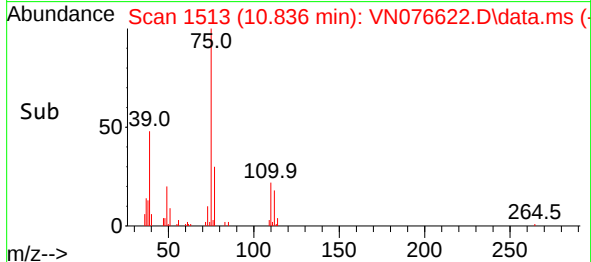
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 4999
Ion Ratio Lower Upper
75 100
77 28.4 24.5 36.7

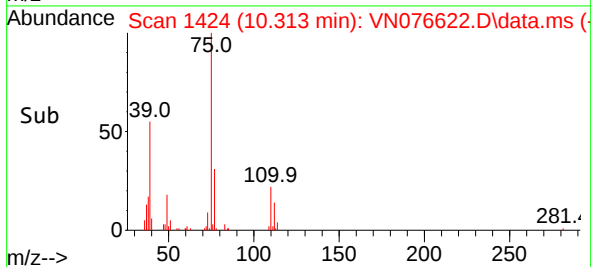
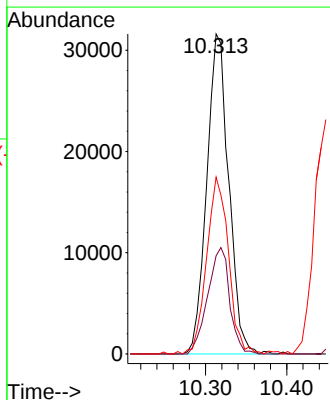
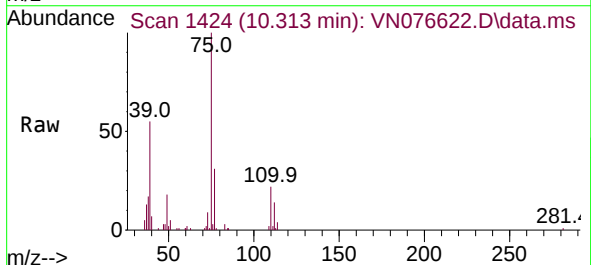
Manual Integrations
APPROVED

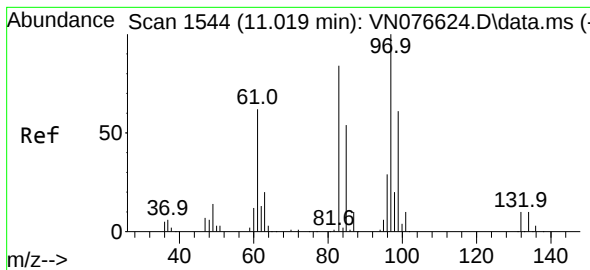
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 9.822 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

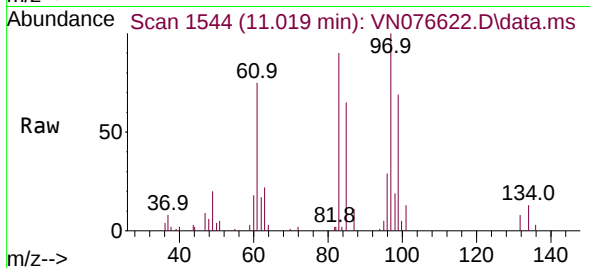
Tgt Ion: 75 Resp: 59393
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 54.5 31.1 46.7#





#55
1,1,2-Trichloroethane
Concen: 9.849 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

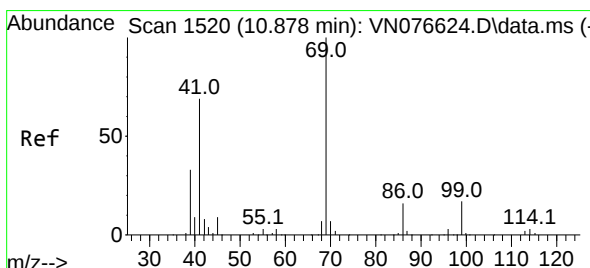
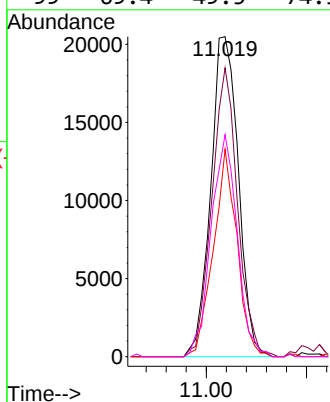
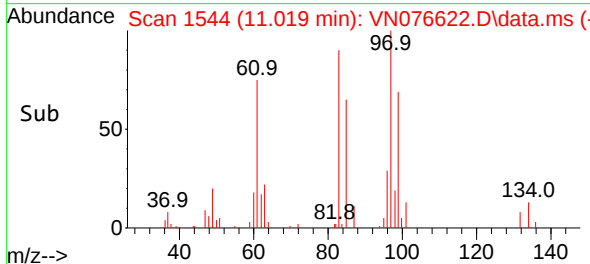
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	67.5	101.3
85	64.8	43.0	64.6
99	69.4	49.5	74.3

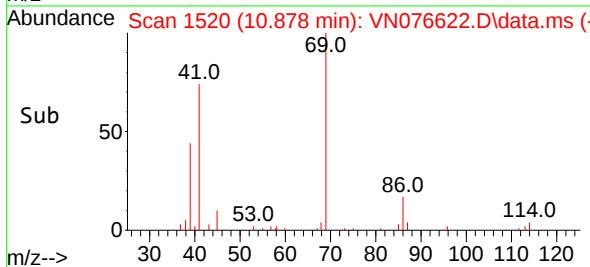
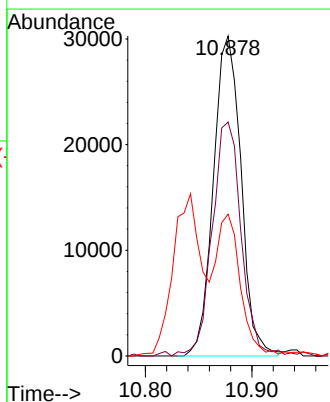
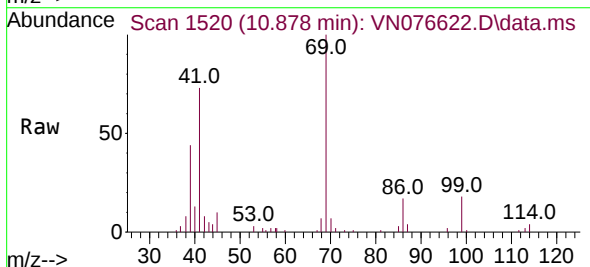
Manual Integrations
APPROVED

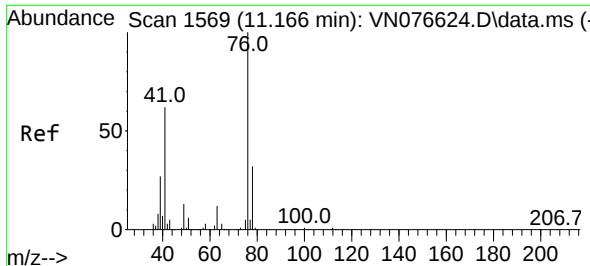
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 10.220 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.8	43.5	65.3#
39	37.7	21.3	31.9#





#57

1,3-Dichloropropane

Concen: 10.977 ug/l

RT: 11.160 min Scan# 1569

Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 7074

Ion Ratio Lower Upper

76 100

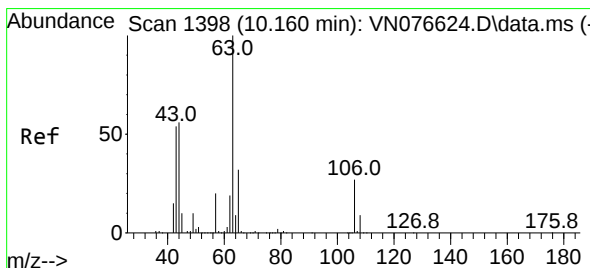
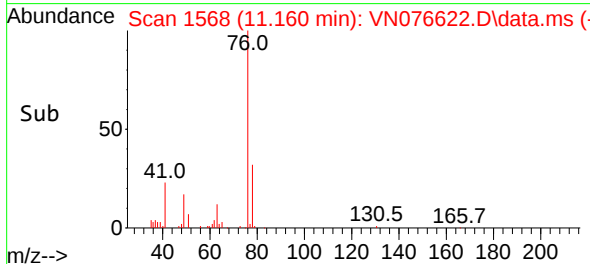
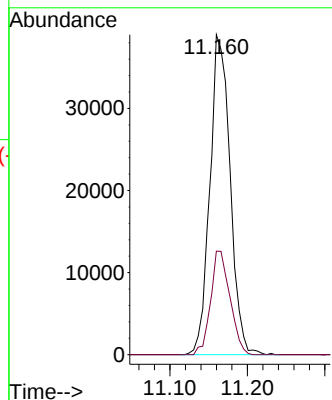
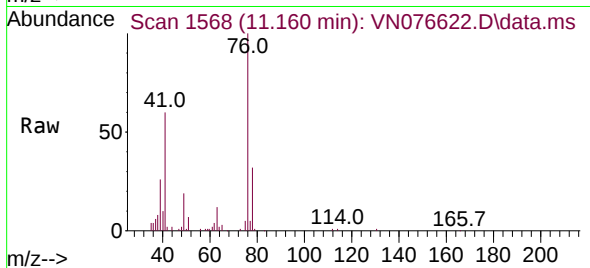
78 31.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.787 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.001 min

Lab File: VN076622.D

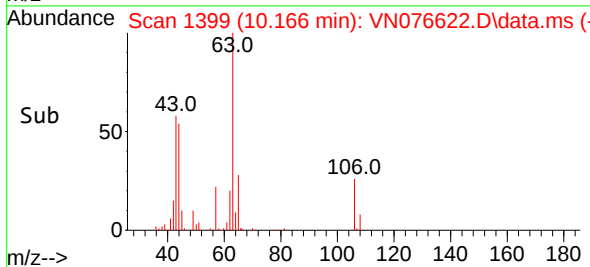
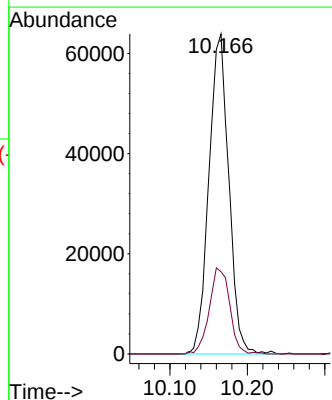
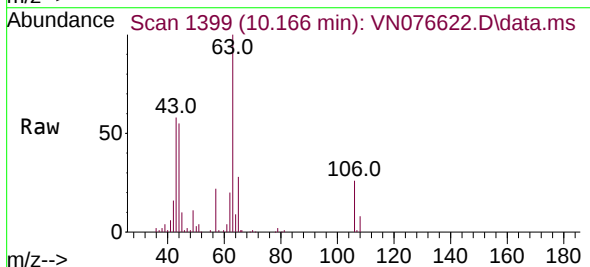
Acq: 13 Feb 2023 11:03

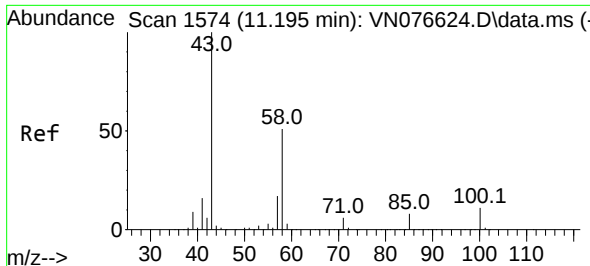
Tgt Ion: 63 Resp: 113882

Ion Ratio Lower Upper

63 100

106 27.7 25.6 38.4





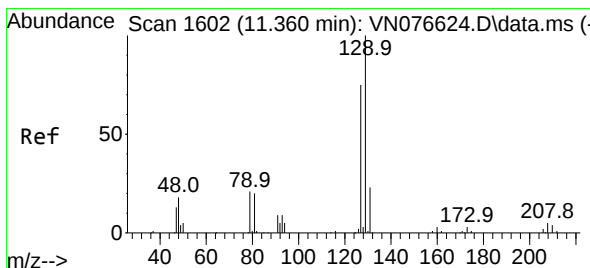
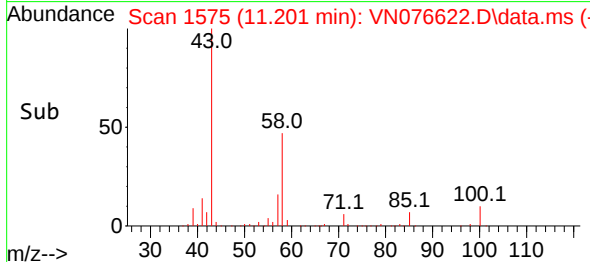
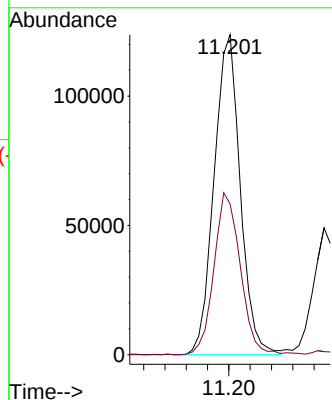
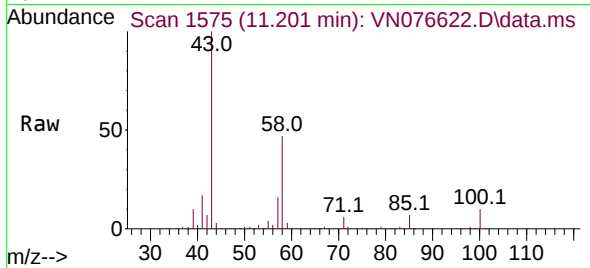
#59
2-Hexanone
Concen: 75.899 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 21066
Ion Ratio Lower Upper
43 100
58 51.1 31.8 95.4

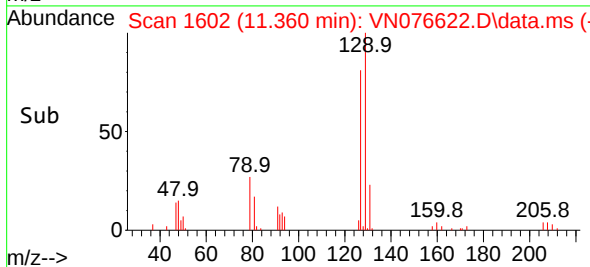
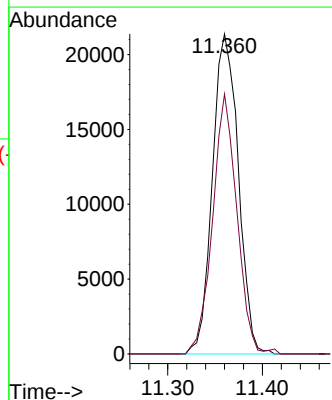
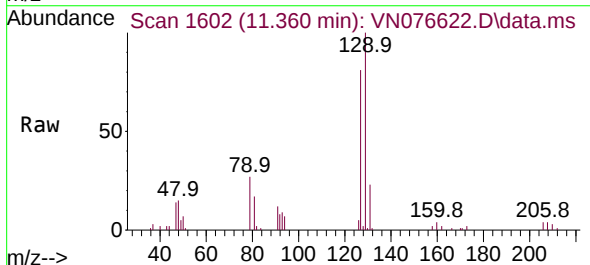
Manual Integrations
APPROVED

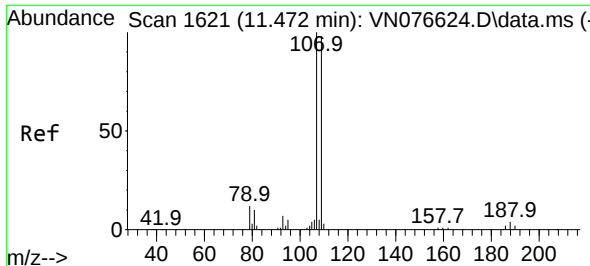
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 9.675 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion:129 Resp: 40593
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.7





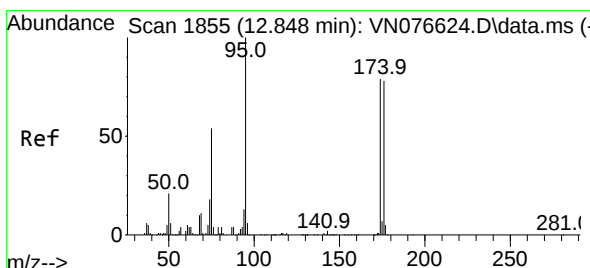
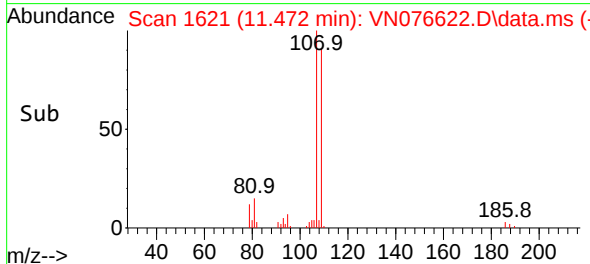
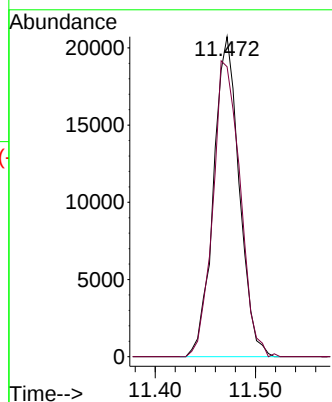
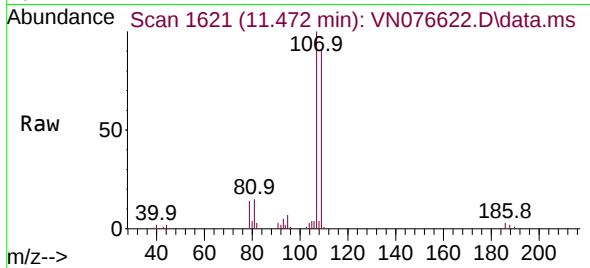
#61
1,2-Dibromoethane
Concen: 9.361 ug/l
RT: 11.472 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 36892
Ion Ratio Lower Upper
107 100
109 97.8 75.4 113.0

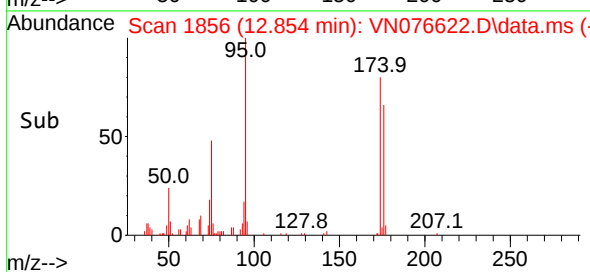
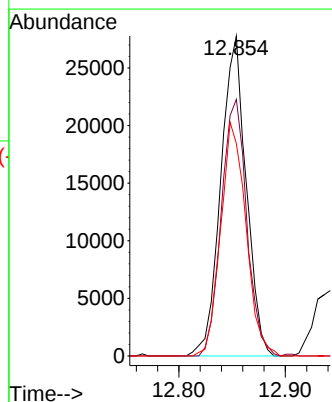
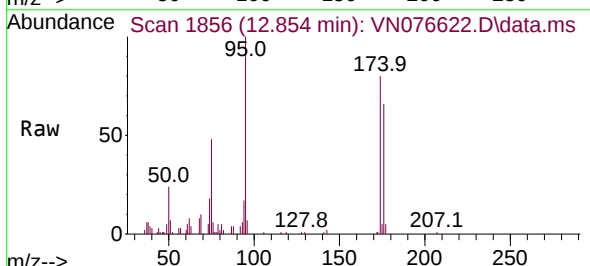
Manual Integrations
APPROVED

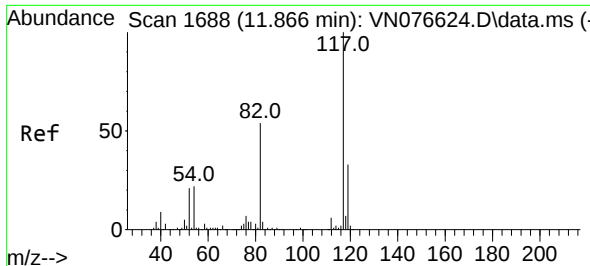
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 9.528 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

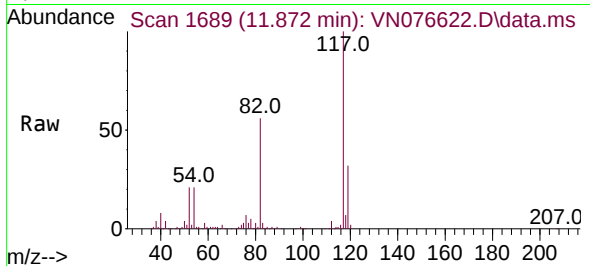
Tgt Ion: 95 Resp: 45960
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.0
176 72.8 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1688
Delta R.T. 0.007 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

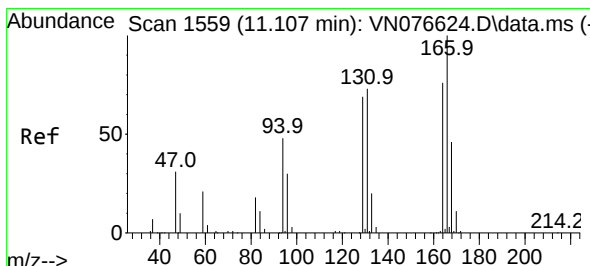
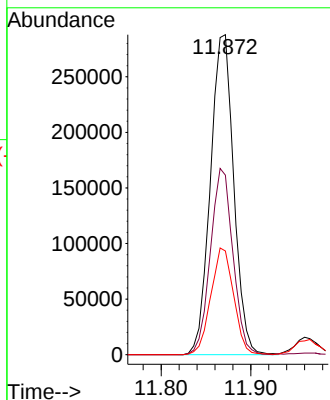
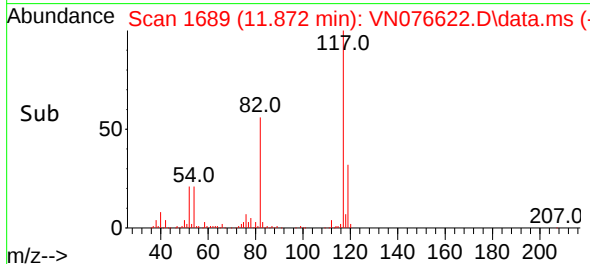
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 520512
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.4
119 32.4 25.1 37.7

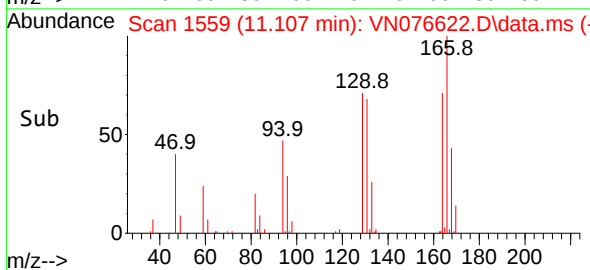
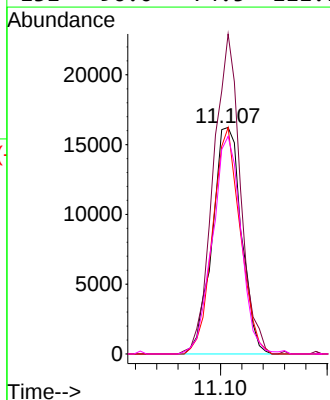
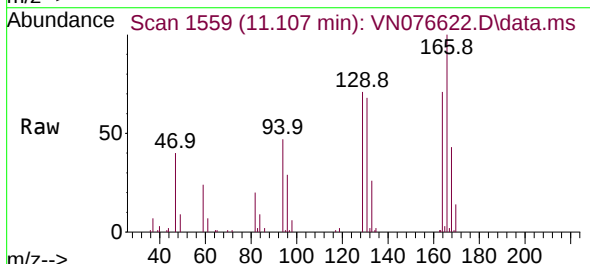
Manual Integrations
APPROVED

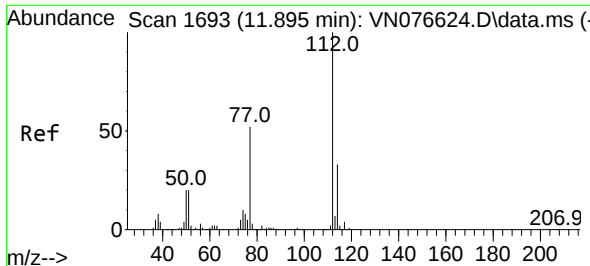
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#64
Tetrachloroethene
Concen: 7.138 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

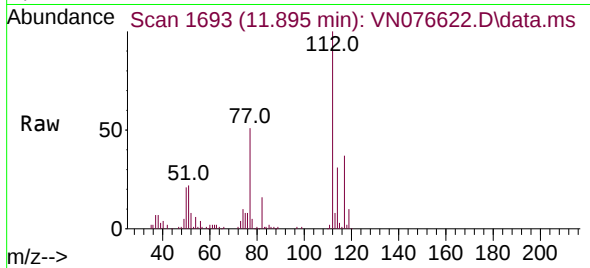
Tgt Ion:164 Resp: 30939
Ion Ratio Lower Upper
164 100
166 141.3 100.2 150.4
129 100.0 76.8 115.2
131 96.0 74.5 111.7





#65
Chlorobenzene
Concen: 9.819 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

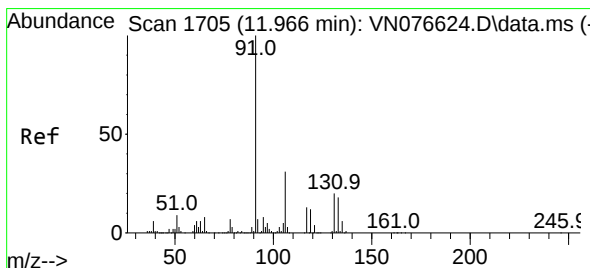
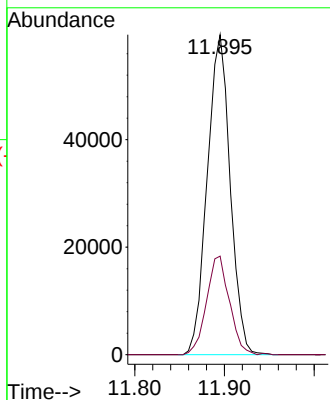
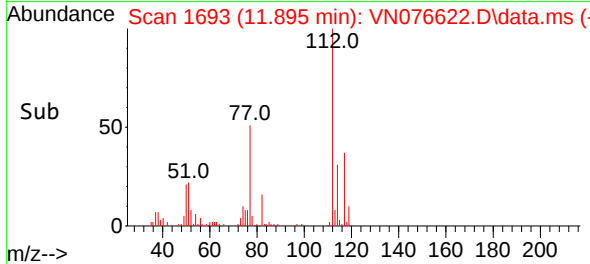
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



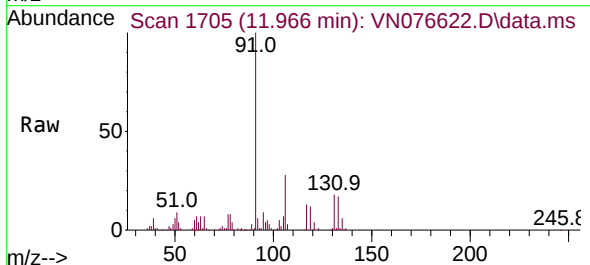
Tgt Ion:112 Resp: 105689
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

Manual Integrations
APPROVED

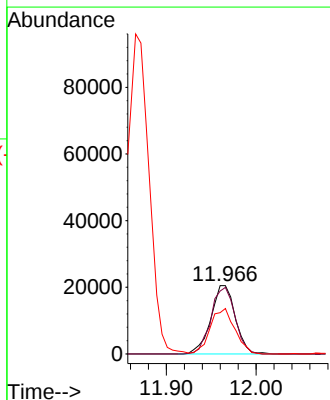
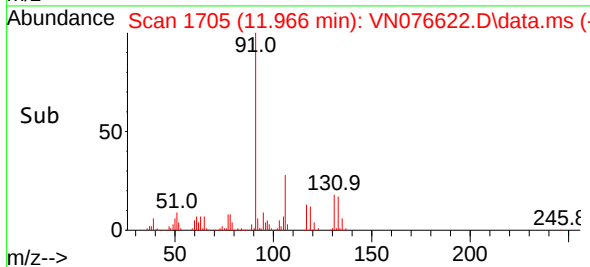
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

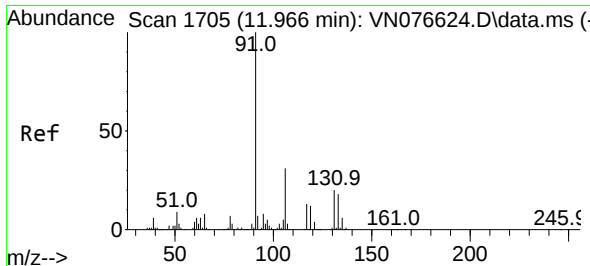


#66
1,1,1,2-Tetrachloroethane
Concen: 9.728 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



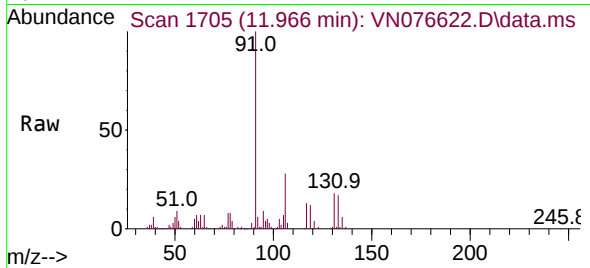
Tgt Ion:131 Resp: 38776
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 67.0 32.4 97.0





#67
Ethyl Benzene
Concen: 9.654 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

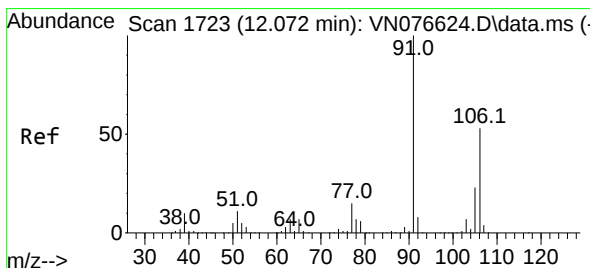
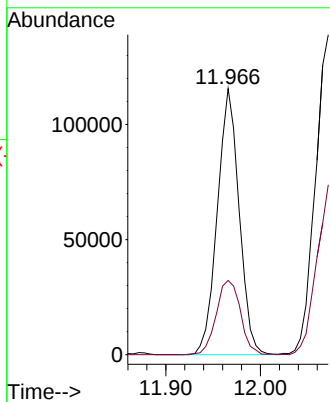
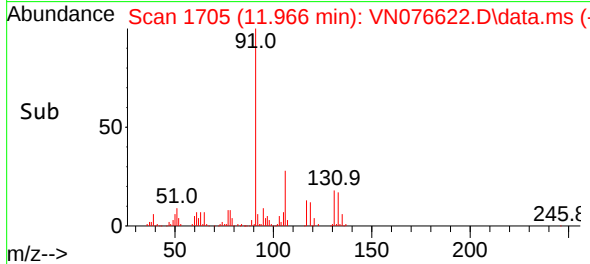
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



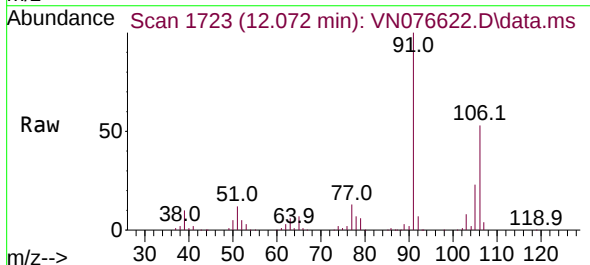
Tgt Ion: 91 Resp: 18468
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3

Manual Integrations
APPROVED

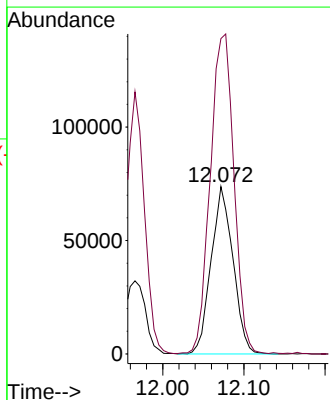
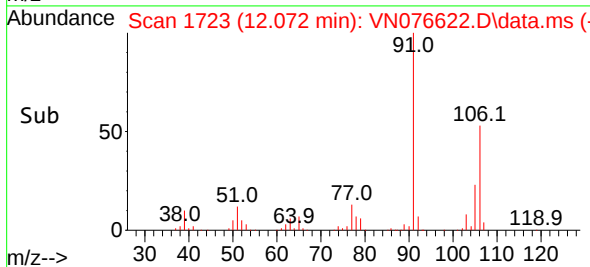
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

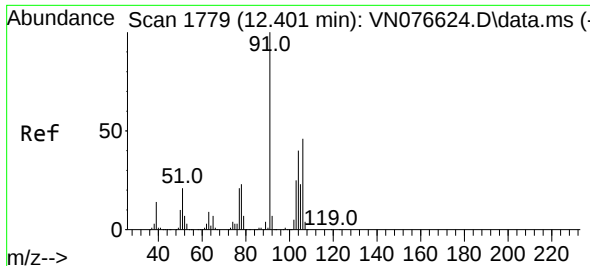


#68
m/p-Xylenes
Concen: 18.580 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion:106 Resp: 138482
Ion Ratio Lower Upper
106 100
91 205.9 160.2 240.4





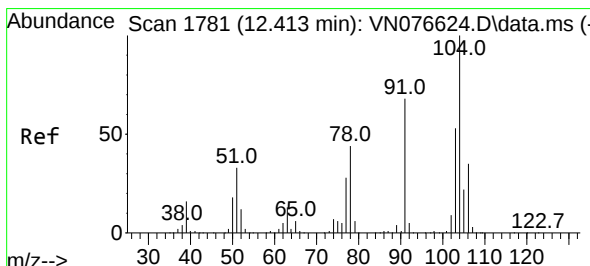
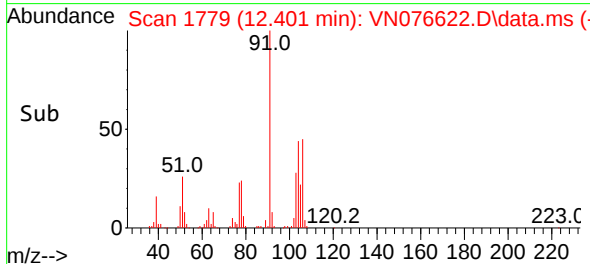
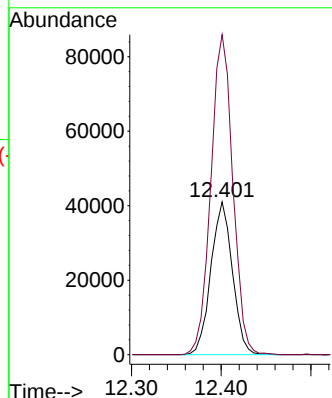
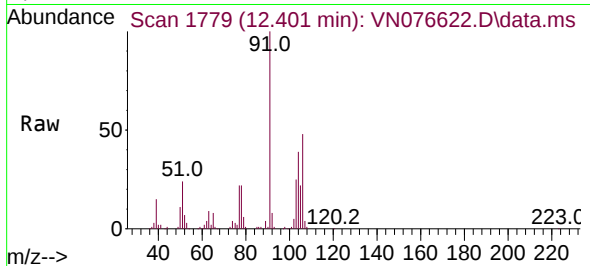
#69
o-Xylene
Concen: 9.370 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 68384
Ion Ratio Lower Upper
106 100
91 213.7 106.2 318.5

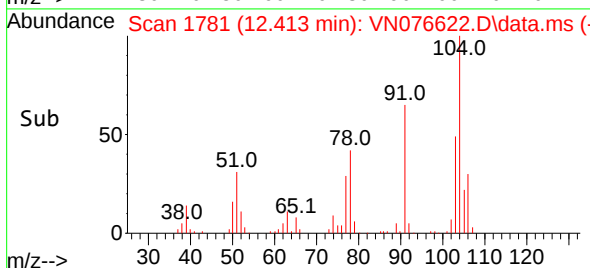
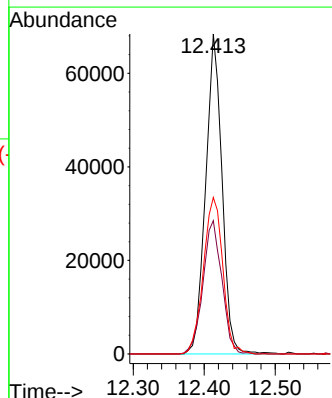
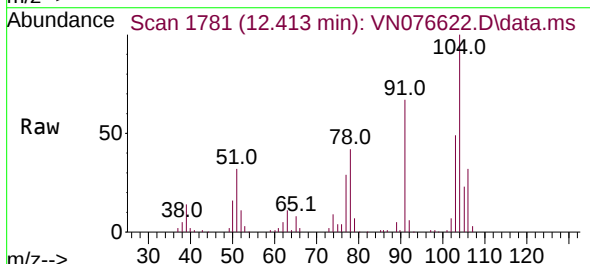
Manual Integrations
APPROVED

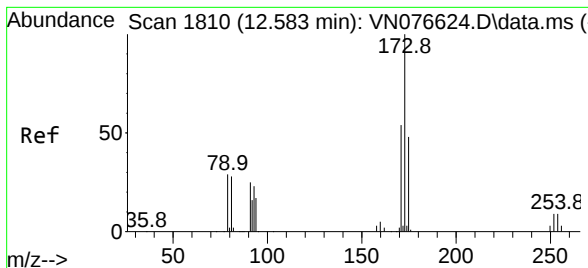
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 9.471 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

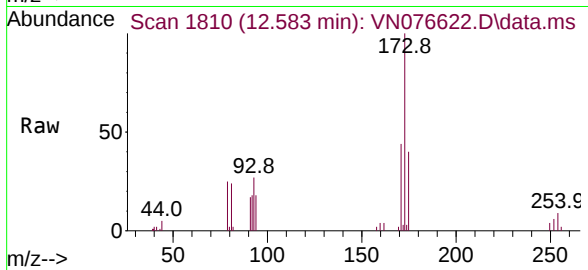
Tgt Ion:104 Resp: 109945
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 57.8 43.7 65.5





#71
Bromoform
Concen: 10.220 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

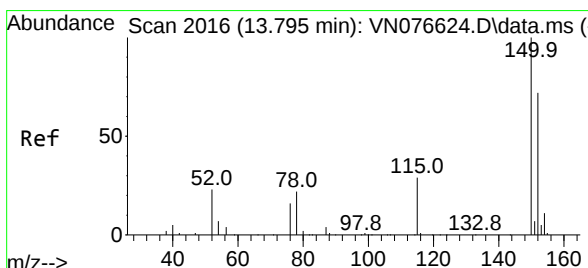
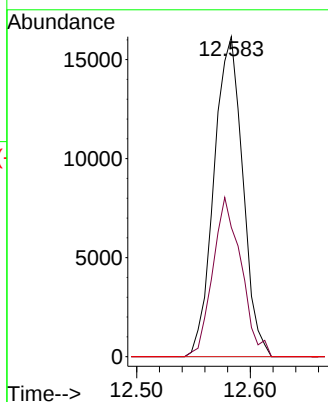
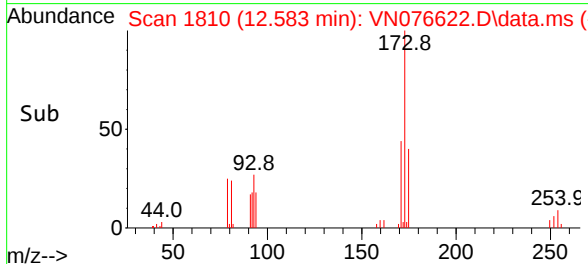
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



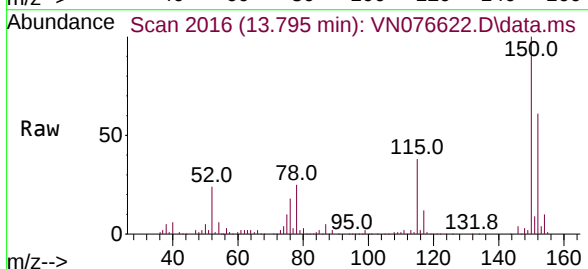
Tgt Ion:173 Resp: 28430
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

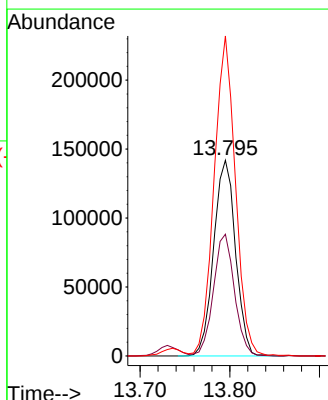
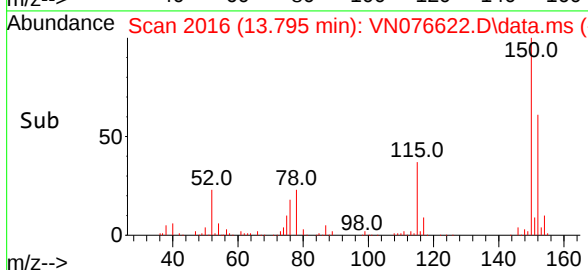
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

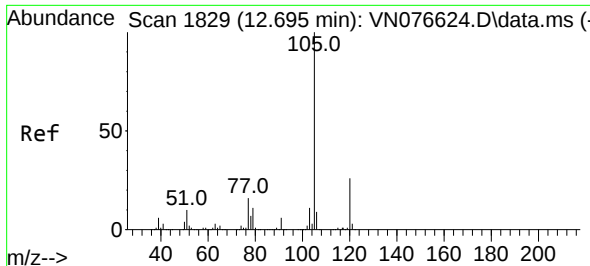


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03



Tgt Ion:152 Resp: 239900
Ion Ratio Lower Upper
152 100
115 60.0 30.8 92.3
150 159.9 0.0 348.8





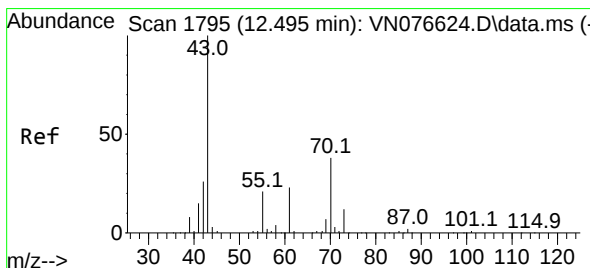
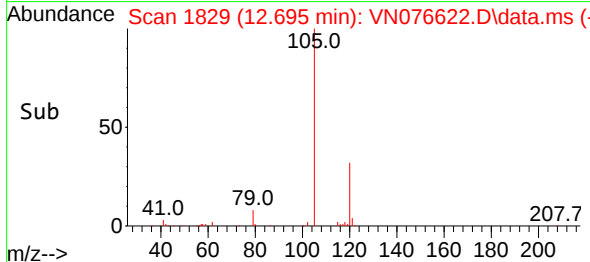
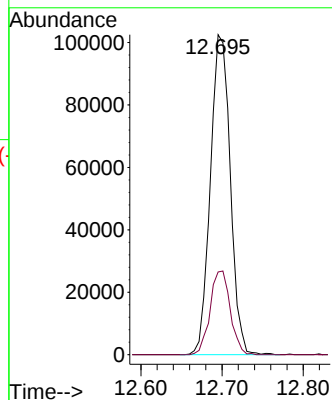
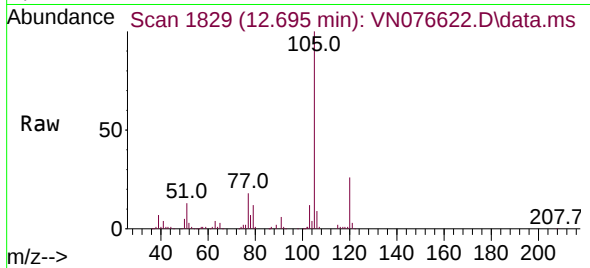
#73
Isopropylbenzene
Concen: 8.876 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 17438
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

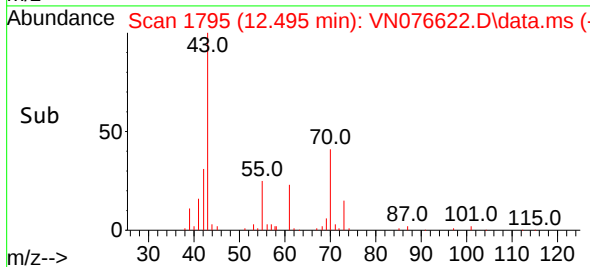
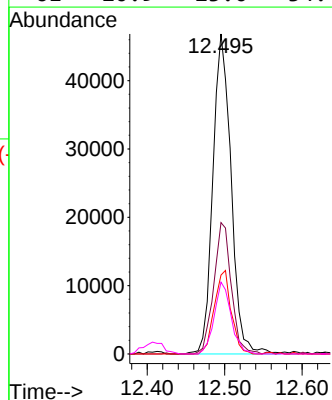
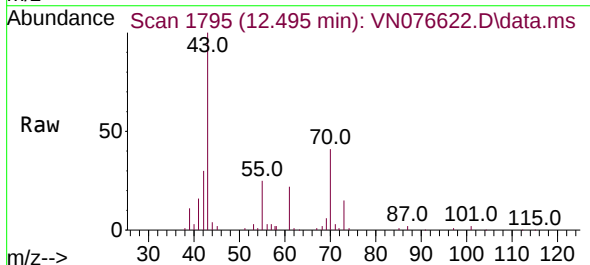
Manual Integrations
APPROVED

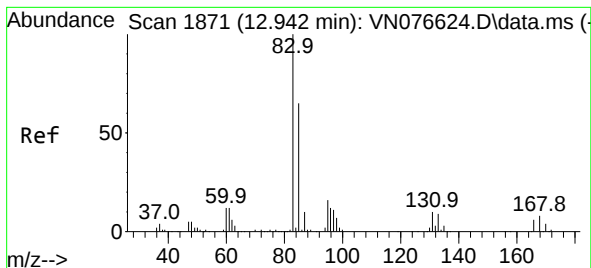
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 13.970 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 43 Resp: 76544
Ion Ratio Lower Upper
43 100
70 39.5 43.1 64.7#
55 24.2 22.4 33.6
61 20.9 23.0 34.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 11.297 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 60830

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

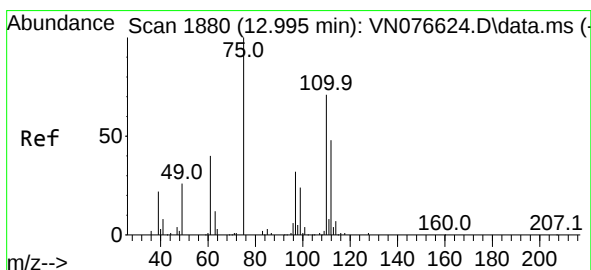
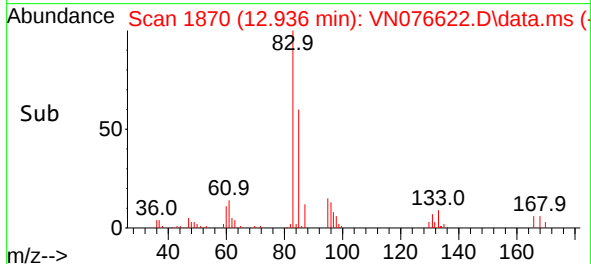
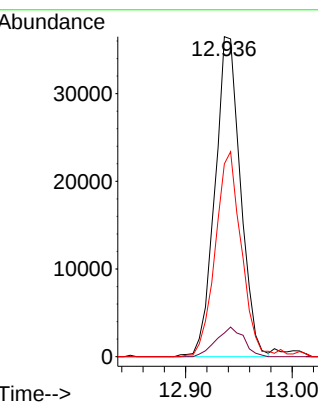
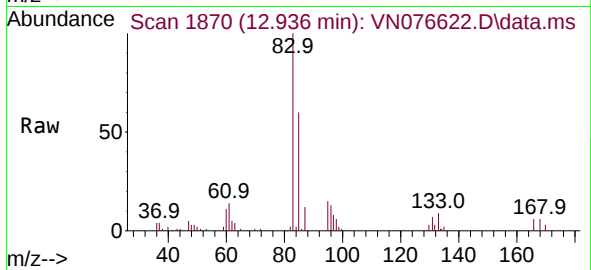
85 65.0 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#76

1,2,3-Trichloropropane

Concen: 11.025 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. 0.001 min

Lab File: VN076622.D

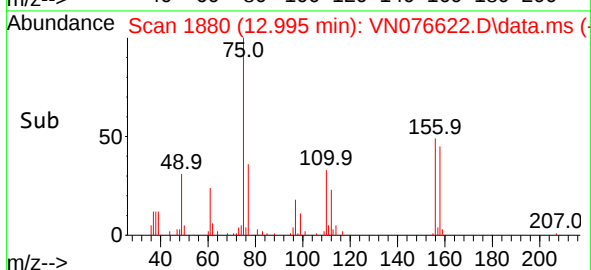
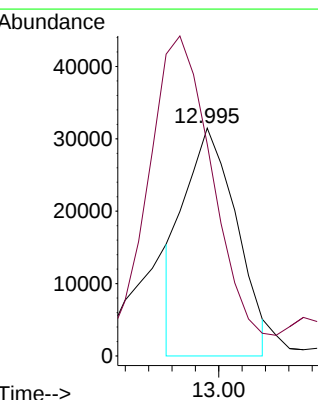
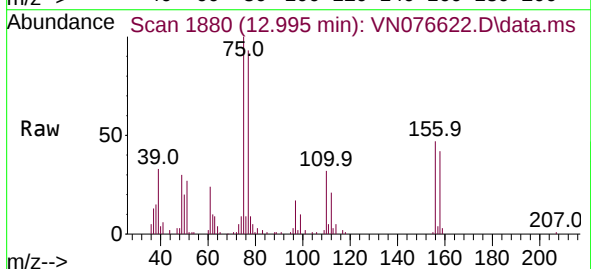
Acq: 13 Feb 2023 11:03

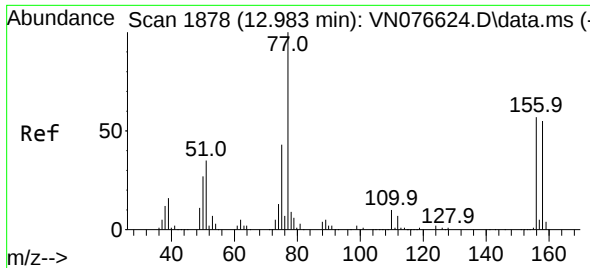
Tgt Ion: 75 Resp: 49346

Ion Ratio Lower Upper

75 100

77 178.4 87.5 262.5





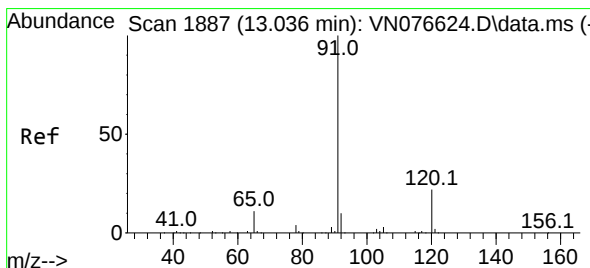
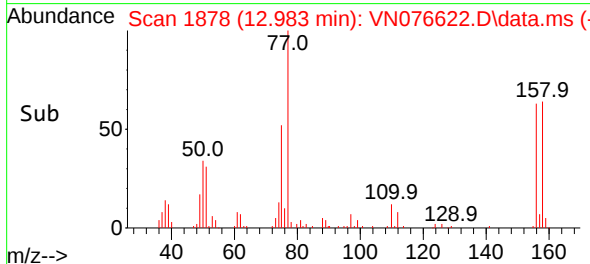
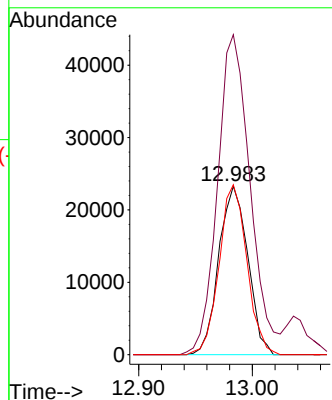
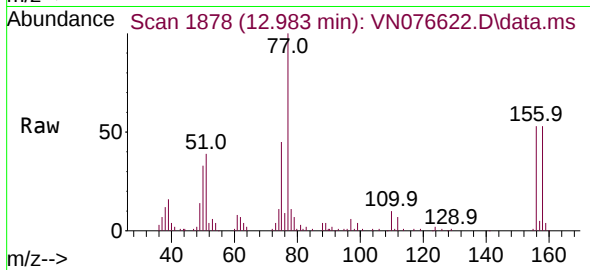
#77
Bromobenzene
Concen: 9.028 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 41258
Ion Ratio Lower Upper
156 100
77 213.4 101.6 304.9
158 96.8 48.9 146.7

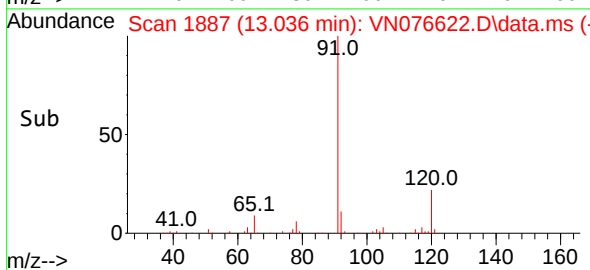
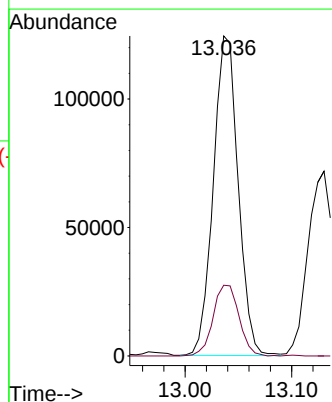
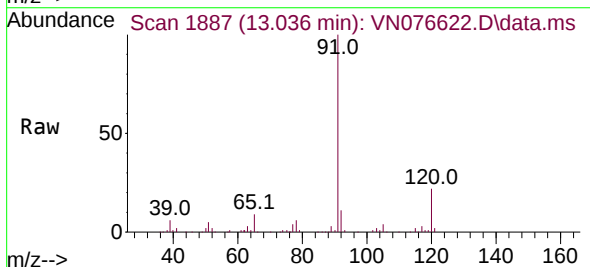
Manual Integrations
APPROVED

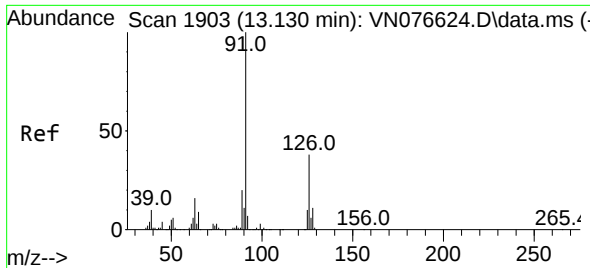
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 9.299 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 91 Resp: 201180
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





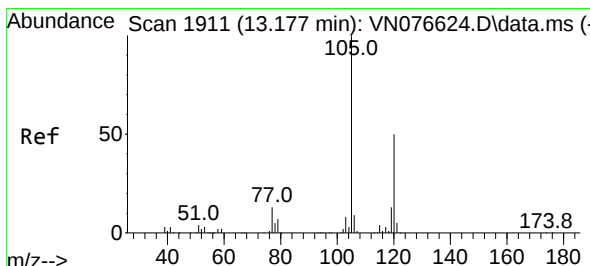
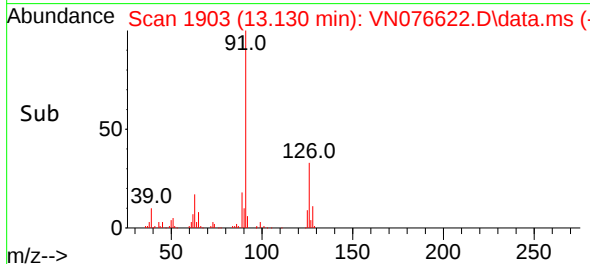
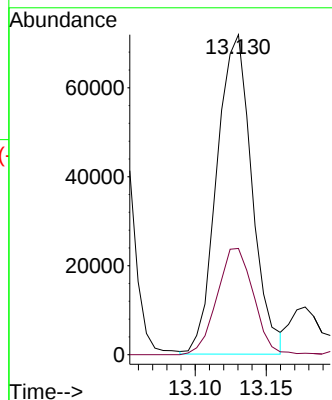
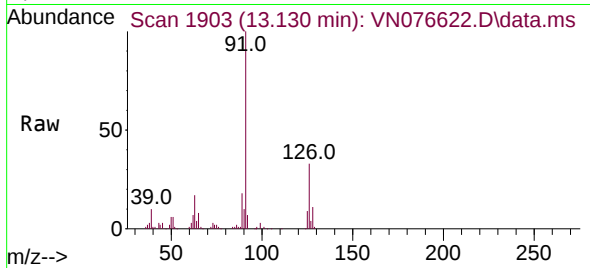
#79
2-Chlorotoluene
Concen: 8.956 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 123410
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3

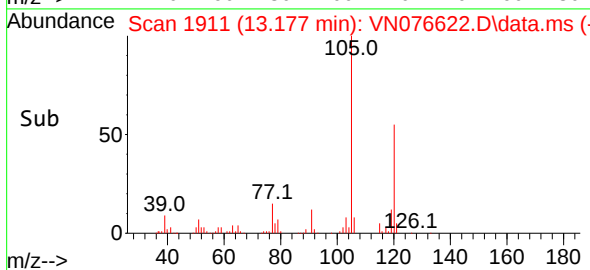
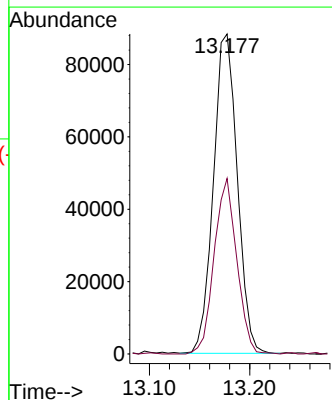
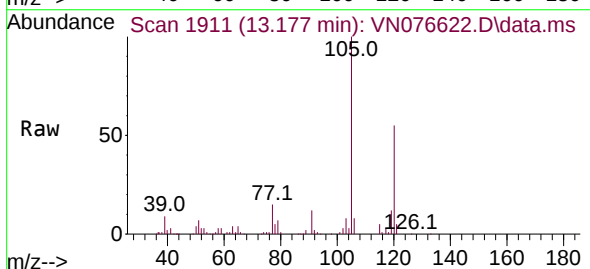
Manual Integrations
APPROVED

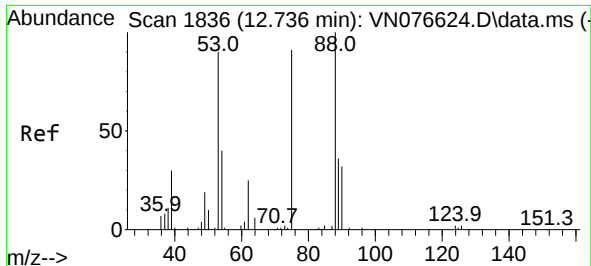
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 8.938 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

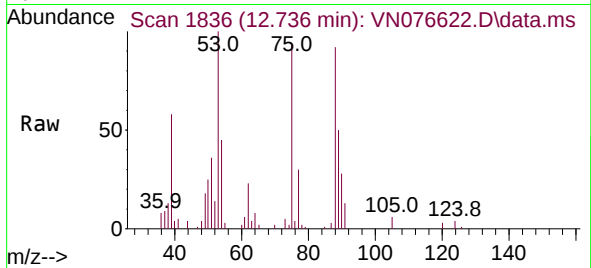
Tgt Ion:105 Resp: 145747
Ion Ratio Lower Upper
105 100
120 52.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 10.011 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

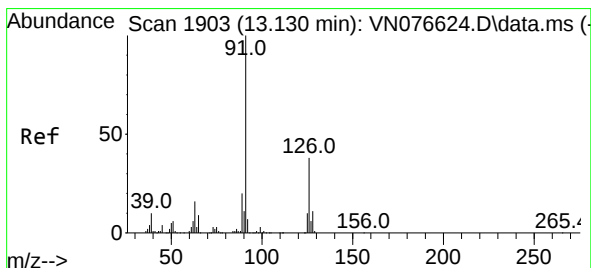
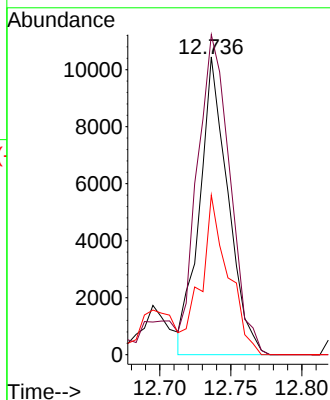
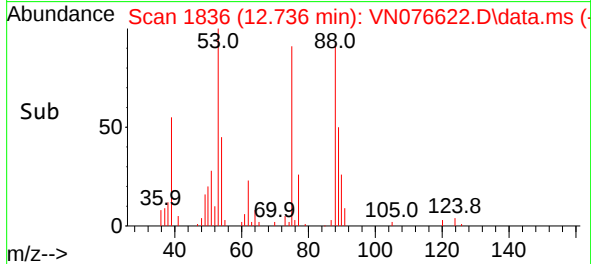
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 1459
Ion Ratio Lower Upper
75 100
53 122.7 77.1 115.7
89 51.4 41.5 62.3

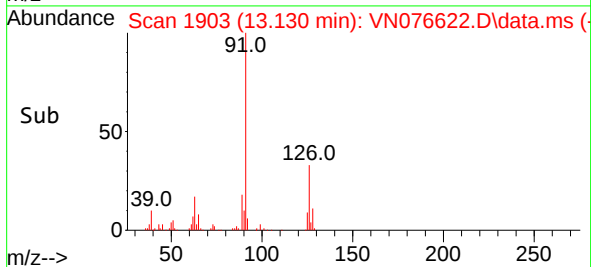
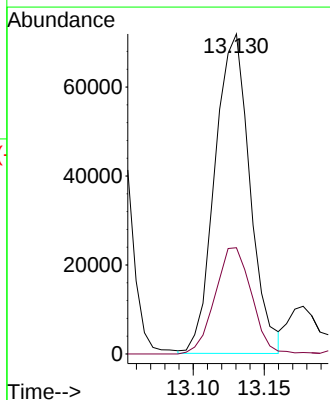
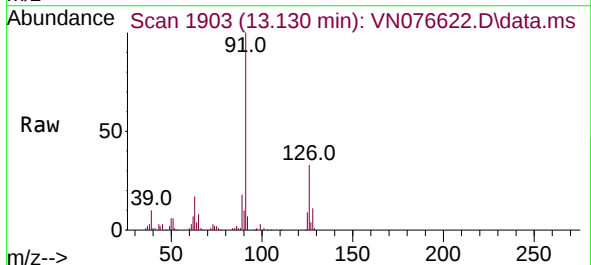
Manual Integrations
APPROVED

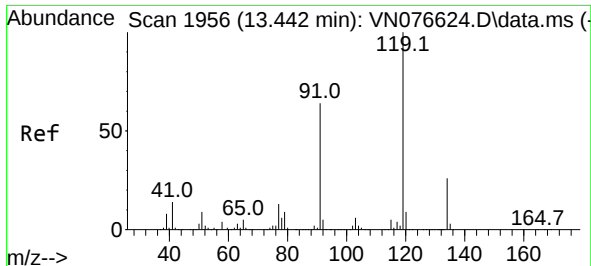
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#82
4-Chlorotoluene
Concen: 8.956 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 91 Resp: 123416
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3





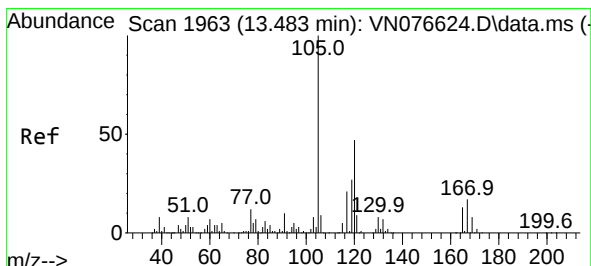
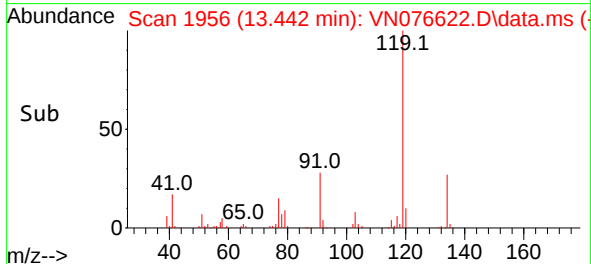
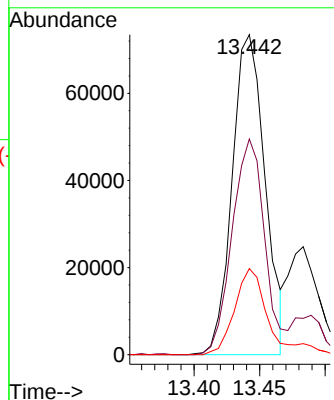
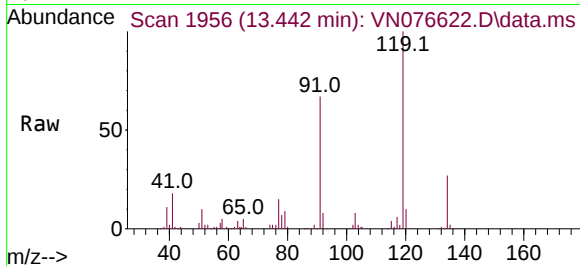
#83
tert-Butylbenzene
Concen: 8.782 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 12827
Ion Ratio Lower Upper
119 100
91 67.3 33.2 99.6
134 27.5 13.4 40.1

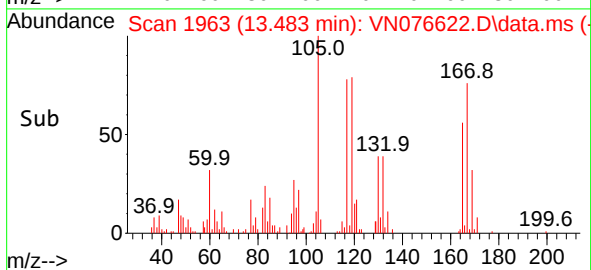
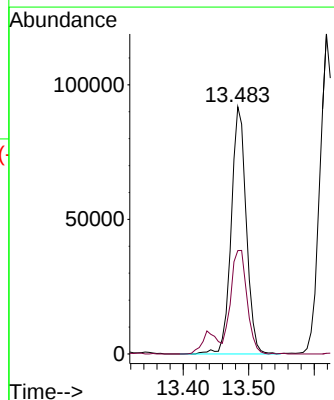
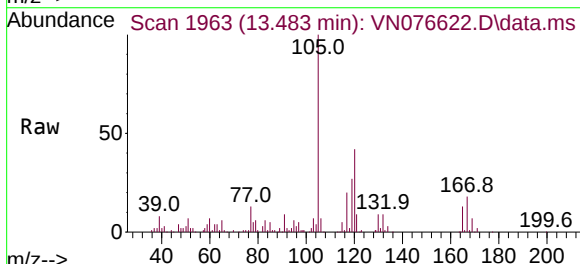
Manual Integrations
APPROVED

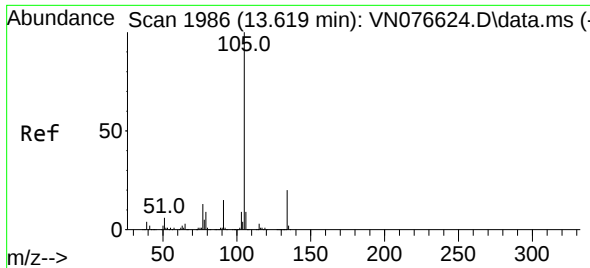
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 9.016 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion:105 Resp: 146307
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





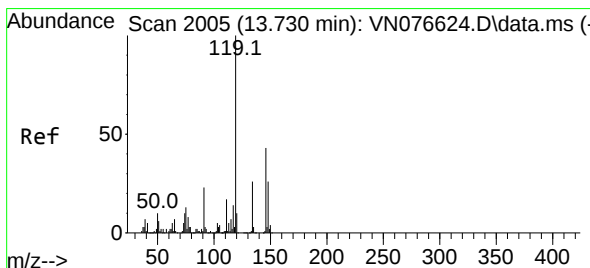
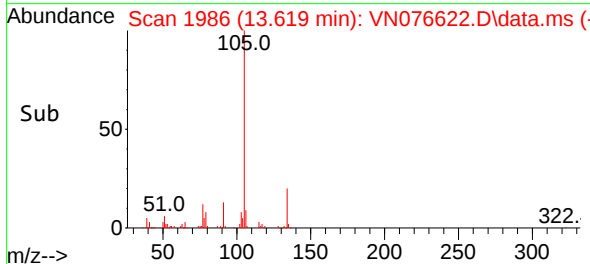
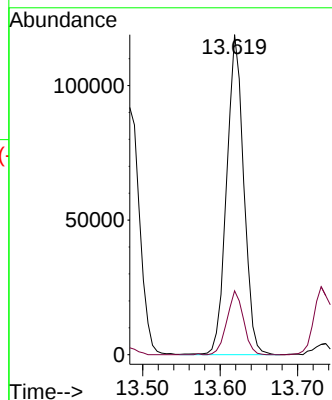
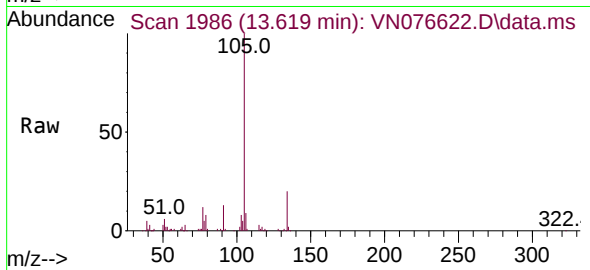
#85
 sec-Butylbenzene
 Concen: 9.269 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076622.D
 Acq: 13 Feb 2023 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 182549
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.1 30.1

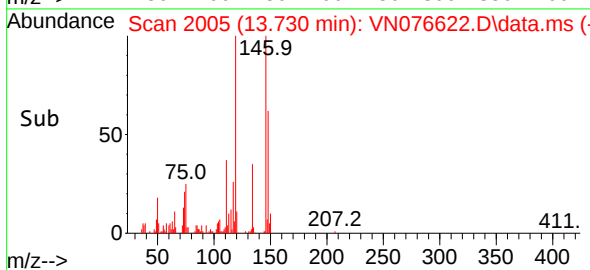
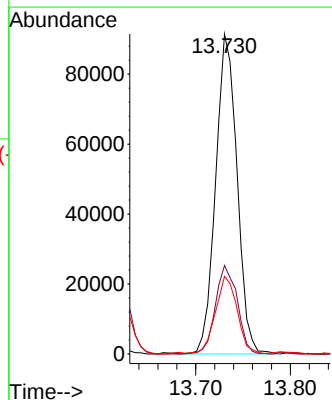
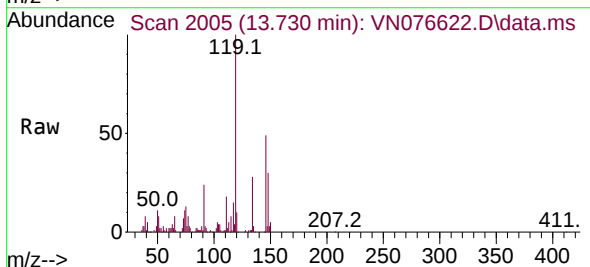
Manual Integrations
 APPROVED

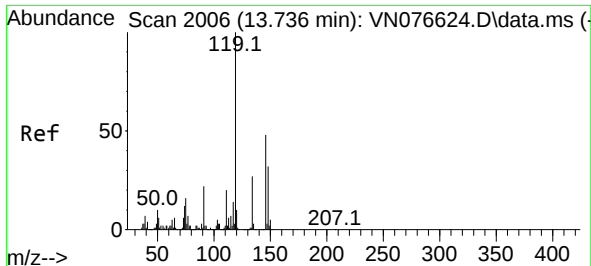
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#86
 p-Isopropyltoluene
 Concen: 8.904 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.001 min
 Lab File: VN076622.D
 Acq: 13 Feb 2023 11:03

Tgt Ion:119 Resp: 143720
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.8 38.4
 91 24.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 9.243 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 7774

Ion Ratio Lower Upper

146 100

111 40.0 20.3 61.0

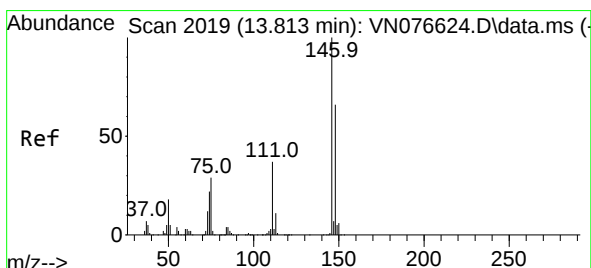
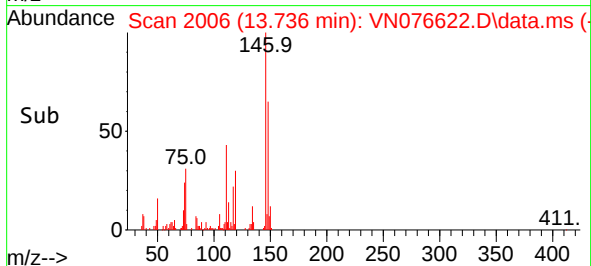
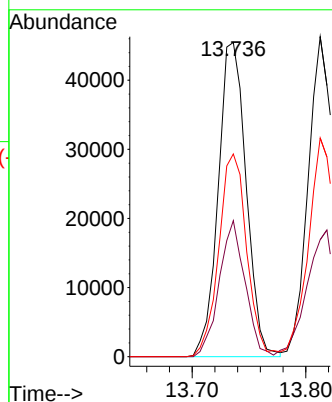
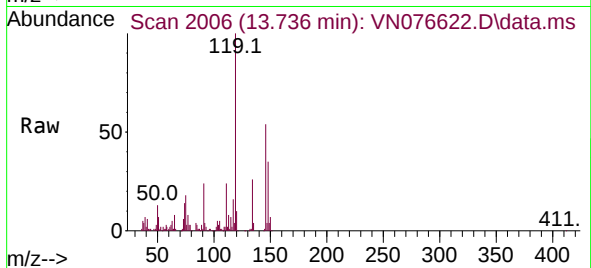
148 64.7 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#88

1,4-Dichlorobenzene

Concen: 8.982 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

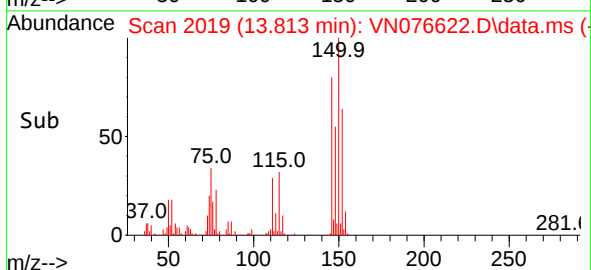
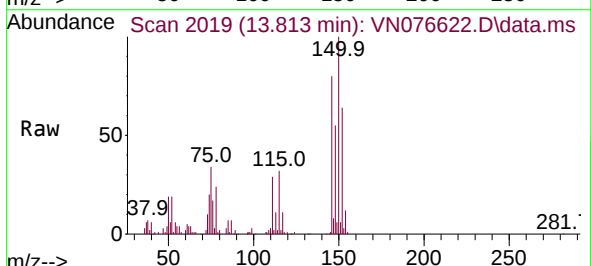
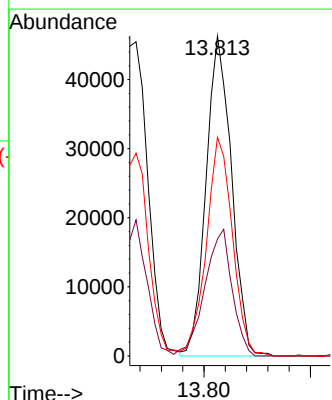
Tgt Ion:146 Resp: 76744

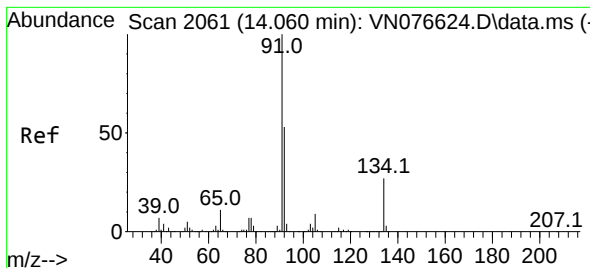
Ion Ratio Lower Upper

146 100

111 42.5 19.8 59.4

148 70.1 31.6 94.8





#89

n-Butylbenzene

Concen: 9.209 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

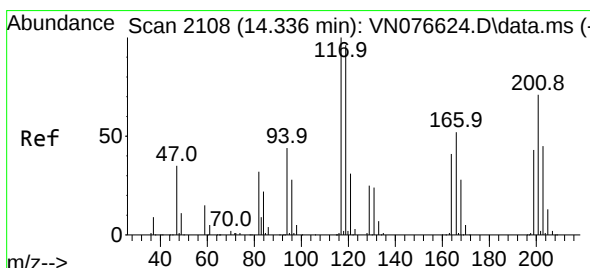
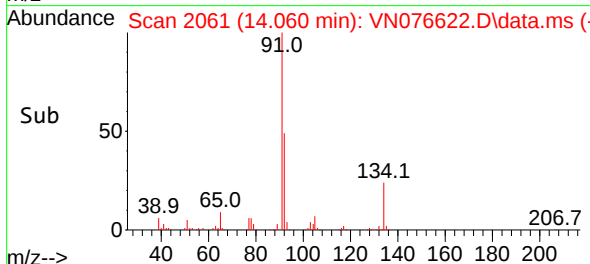
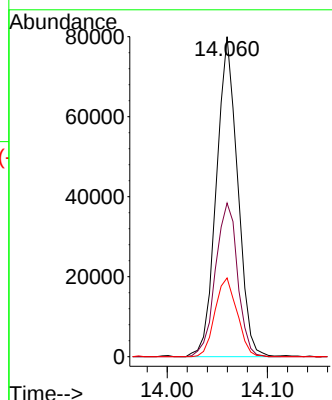
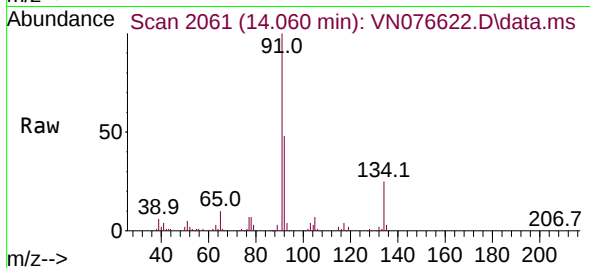
Tgt Ion:	91	Resp:	11770
Ion Ratio	Lower	Upper	
91	100		
92	50.0	27.0	80.8
134	25.6	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#90

Hexachloroethane

Concen: 10.033 ug/l

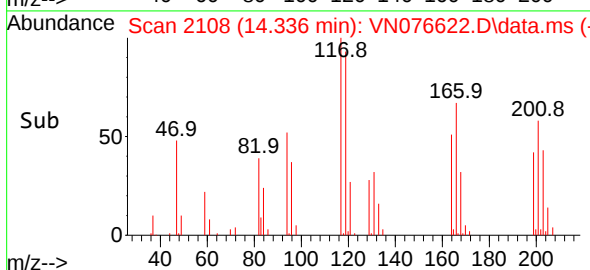
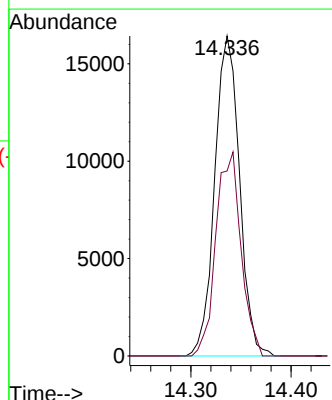
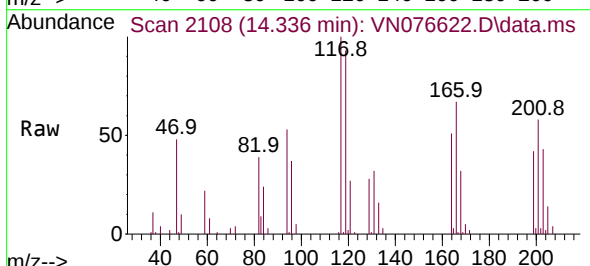
RT: 14.336 min Scan# 2108

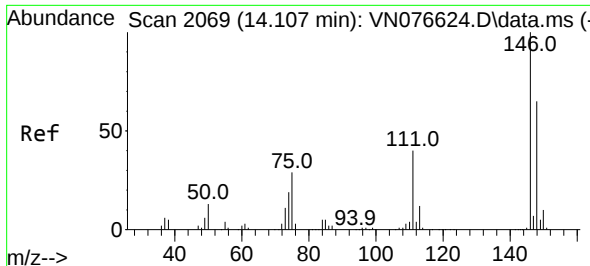
Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Tgt Ion:	117	Resp:	28208
Ion Ratio	Lower	Upper	
117	100		
201	64.4	37.2	111.6





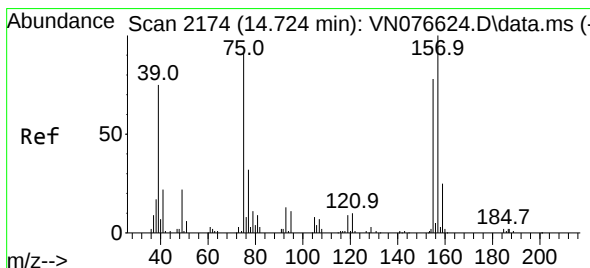
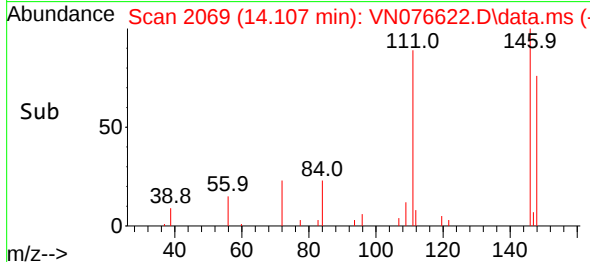
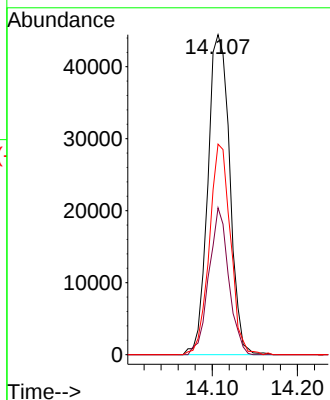
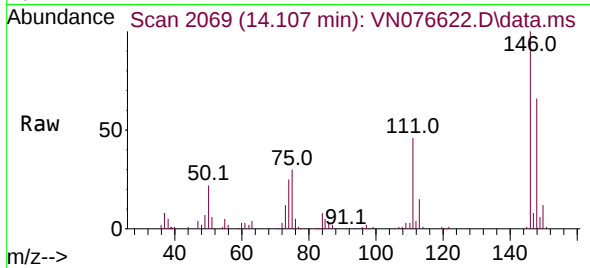
#91
1,2-Dichlorobenzene
Concen: 9.546 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.001 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 79159
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 63.6 31.9 95.9

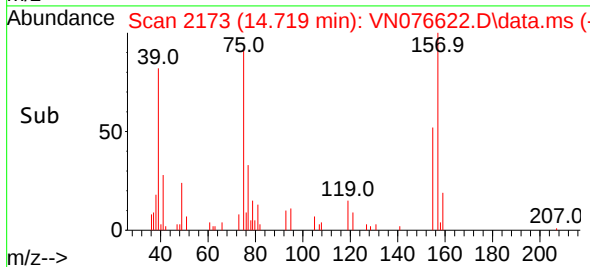
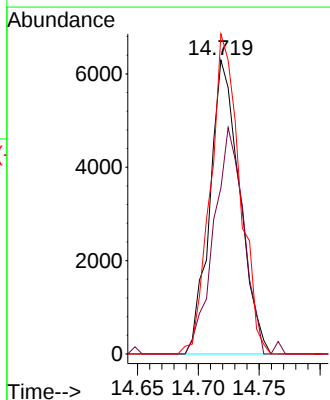
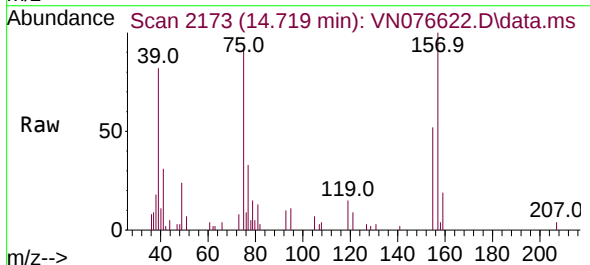
Manual Integrations
APPROVED

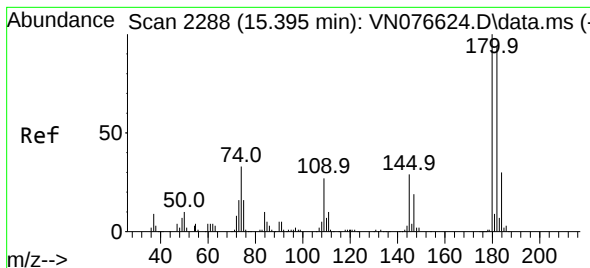
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.536 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN076622.D
Acq: 13 Feb 2023 11:03

Tgt Ion: 75 Resp: 10752
Ion Ratio Lower Upper
75 100
155 77.0 44.8 134.4
157 107.1 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 10.005 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

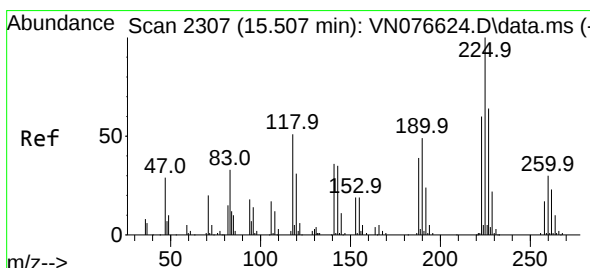
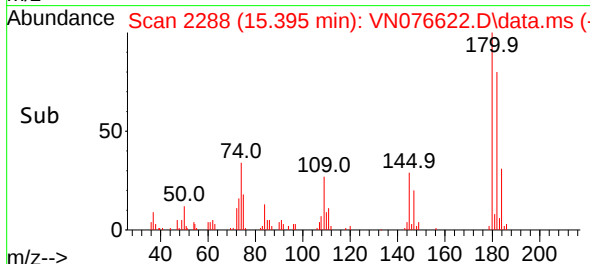
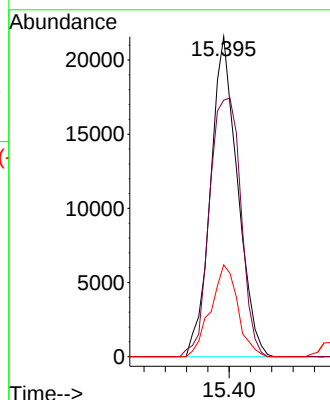
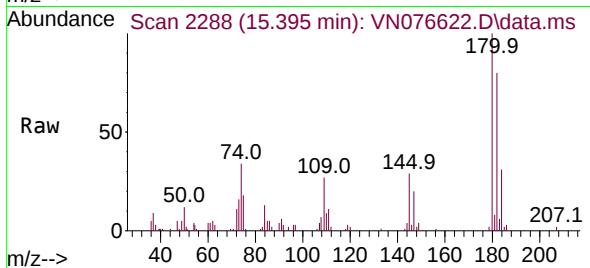
Tgt Ion:	180	Resp:	3801
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.4	142.2
145	28.7	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#94

Hexachlorobutadiene

Concen: 8.748 ug/l

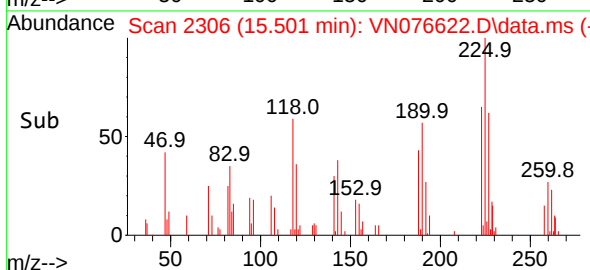
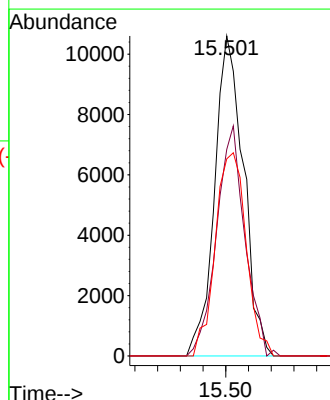
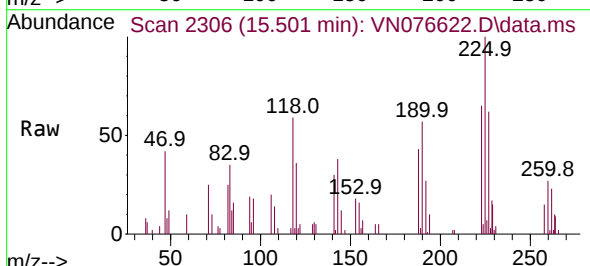
RT: 15.501 min Scan# 2306

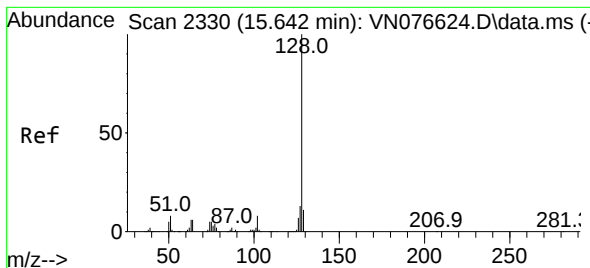
Delta R.T. -0.005 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Tgt Ion:	225	Resp:	18692
Ion Ratio	Lower	Upper	
225	100		
223	70.8	31.2	93.6
227	67.9	31.8	95.3





#95

Naphthalene

Concen: 10.612 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

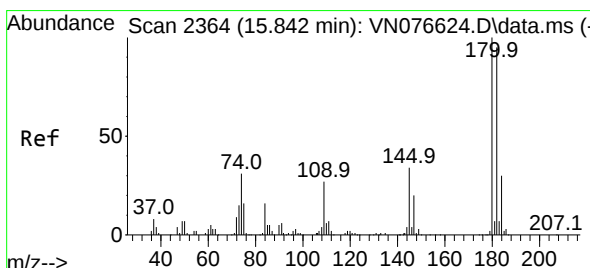
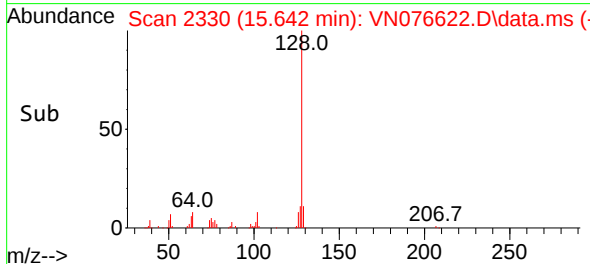
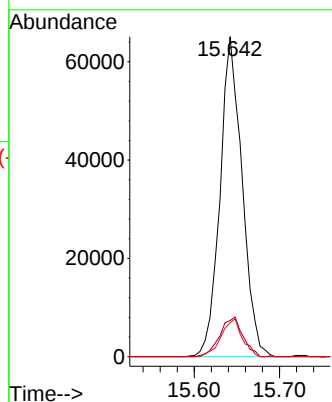
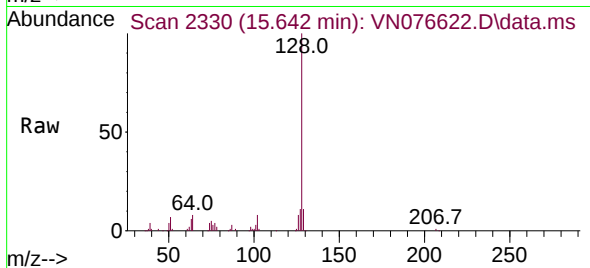
Tgt Ion:	128	Resp:	11731
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 10.230 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.001 min

Lab File: VN076622.D

Acq: 13 Feb 2023 11:03

Tgt Ion:	180	Resp:	37229
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.2
145	31.3	17.2	51.5

