

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076761.D
 Acq On : 21 Feb 2023 19:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:14:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	281842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	512899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	503692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	266896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	216673	55.674	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.340%			
35) Dibromofluoromethane	8.172	113	167453	49.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	10.572	98	683367	54.478	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.960%			
62) 4-Bromofluorobenzene	12.854	95	247276	59.519	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	140442	46.928	ug/l	96
3) Chloromethane	2.378	50	176092	45.100	ug/l	98
4) Vinyl Chloride	2.525	62	189833	49.400	ug/l	98
5) Bromomethane	2.949	94	125068	53.714	ug/l	95
6) Chloroethane	3.119	64	137100	56.454	ug/l	98
7) Trichlorofluoromethane	3.507	101	243271	46.528	ug/l	99
8) Diethyl Ether	3.966	74	99412	49.343	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.378	101	144861	47.153	ug/l	98
10) Methyl Iodide	4.596	142	201823	53.197	ug/l	96
11) Tert butyl alcohol	5.543	59	150487	292.943	ug/l	100
12) 1,1-Dichloroethene	4.348	96	138945	47.762	ug/l	93
13) Acrolein	4.190	56	181529	235.375	ug/l	99
14) Allyl chloride	5.037	41	249519	49.501	ug/l	99
15) Acrylonitrile	5.731	53	498488	273.427	ug/l	99
16) Acetone	4.443	43	407046	234.145	ug/l	94
17) Carbon Disulfide	4.725	76	339548	44.207	ug/l	98
18) Methyl Acetate	5.037	43	310114	54.650	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	536529	54.703	ug/l	100
20) Methylene Chloride	5.284	84	172750	47.414	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	155147	47.377	ug/l #	90
22) Diisopropyl ether	6.678	45	662898	56.070	ug/l	96
23) Vinyl Acetate	6.613	43	2187718	312.751	ug/l	97
24) 1,1-Dichloroethane	6.578	63	329838	50.905	ug/l	97
25) 2-Butanone	7.489	43	689108	268.730	ug/l	100
26) 2,2-Dichloropropane	7.501	77	241605	51.696	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	193703	49.871	ug/l	95
28) Bromochloromethane	7.819	49	160085	51.910	ug/l	93
29) Tetrahydrofuran	7.842	42	482401	287.932	ug/l	100
30) Chloroform	7.972	83	342830	52.956	ug/l	97
31) Cyclohexane	8.266	56	307074	50.300	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	287243	52.771	ug/l	97
36) 1,1-Dichloropropene	8.378	75	244460	50.373	ug/l	99
37) Ethyl Acetate	7.566	43	290992	56.990	ug/l	96
38) Carbon Tetrachloride	8.366	117	244798	50.003	ug/l	94
39) Methylcyclohexane	9.607	83	297161	53.869	ug/l	97
40) Benzene	8.613	78	780770	52.389	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	161734	54.677	ug/l	96
42) 1,2-Dichloroethane	8.678	62	270212	51.986	ug/l	98
43) Isopropyl Acetate	8.695	43	475603	57.242	ug/l	98
44) Trichloroethene	9.354	130	175258	49.764	ug/l	91
45) 1,2-Dichloropropane	9.625	63	207349	52.558	ug/l	98
46) Dibromomethane	9.707	93	135050	53.545	ug/l	96
47) Bromodichloromethane	9.889	83	275602	54.502	ug/l #	98
48) Methyl methacrylate	9.683	41	225781	57.266	ug/l	98
49) 1,4-Dioxane	9.695	88	82265	1206.214	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1566467	296.321	ug/l	99
52) Toluene	10.630	92	503875	56.000	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	284236	58.236	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	303992	53.997	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	201053	54.951	ug/l	94
56) Ethyl methacrylate	10.877	69	312340	60.648	ug/l	98
57) 1,3-Dichloropropane	11.166	76	344033	54.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	665220	282.042	ug/l	98
59) 2-Hexanone	11.195	43	1145905	300.631	ug/l	100
60) Dibromochloromethane	11.360	129	215097	55.781	ug/l	99
61) 1,2-Dibromoethane	11.472	107	197389	53.899	ug/l	99
64) Tetrachloroethene	11.107	164	149665	47.150	ug/l	96
65) Chlorobenzene	11.895	112	538341	50.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	200372	51.678	ug/l	99
67) Ethyl Benzene	11.966	91	991187	54.503	ug/l	100
68) m/p-Xylenes	12.072	106	766387	109.329	ug/l	95
69) o-Xylene	12.401	106	379631	55.529	ug/l	98
70) Styrene	12.413	104	646669	58.494	ug/l	99
71) Bromoform	12.583	173	153726	54.051	ug/l	98
73) Isopropylbenzene	12.701	105	1010699	51.665	ug/l	98
74) N-amyl acetate	12.495	43	445047	50.472	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	324741	45.860	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	267323m	49.542	ug/l	
77) Bromobenzene	12.983	156	228976	46.914	ug/l	97
78) n-propylbenzene	13.036	91	1189255	51.771	ug/l	100
79) 2-Chlorotoluene	13.130	91	695182	49.426	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	846930	52.386	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	90345	48.766	ug/l	93
82) 4-Chlorotoluene	13.130	91	695182	49.426	ug/l	100
83) tert-Butylbenzene	13.442	119	747989	51.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	850584	52.790	ug/l	97
85) sec-Butylbenzene	13.618	105	1106511	54.189	ug/l	99
86) p-Isopropyltoluene	13.730	119	913952	56.052	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	457796	49.619	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	452336	49.233	ug/l	100
89) n-Butylbenzene	14.060	91	773570	54.547	ug/l	100
90) Hexachloroethane	14.336	117	161490	47.301	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	465477	49.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	61150	44.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	237358	50.308	ug/l	99
94) Hexachlorobutadiene	15.501	225	110196	47.654	ug/l	98
95) Naphthalene	15.642	128	790196	55.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	235412	51.501	ug/l	99

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QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

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

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Supervised By :Mahesh Dadoda 02/22/2023

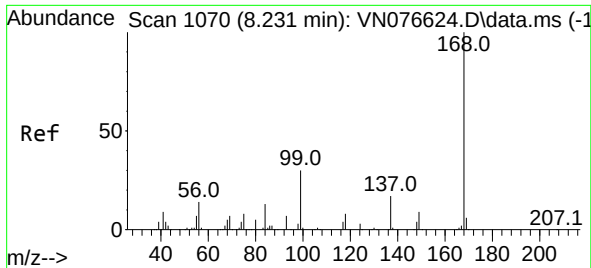
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Abundance

Time-->

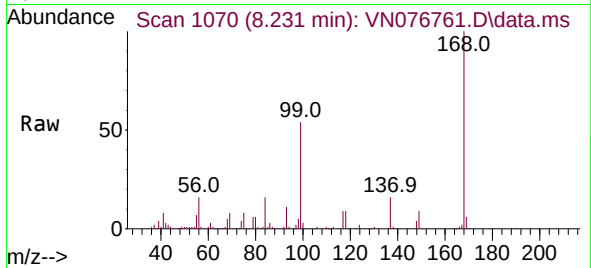
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Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Iodide, T
Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl 2-butylenitrile, T
1,1-Dichloroethane, T
Vinyl Acetate, T
Disopropyl ether, T
Ethyl Acetate, T
2,2-Dichloropropane, T
Methylcyclohexane, T
Chloroform, C
Permethrin, T
Dichloromethane, T
1,2-Dichloroethane, T
Isopropyl acetate, T
1,4-Difluorobenzene, T
Trichloroethene, T
Dibromodichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
Toluene-d8, S
Toluene, CM
4-Methyl-2-Pentanone, T
2-Chloroethyl Vinyl ether, T
2-Hexanone, T
1,2-Dibromoethane, T
1,2-Dibromochloromethane, T
Chloromethane, T
N-ethyl acetate, T
Bromoform, P
trans-1,4-Dichloro-2-butene, T
1,1,2,2-Tetrachloroethane, T
1,2,3-Trichlorobenzene, T
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
1,2-Dibromo-3-Chloropropane, T
Hexachloroethane, T
1,2-Dichlorobenzene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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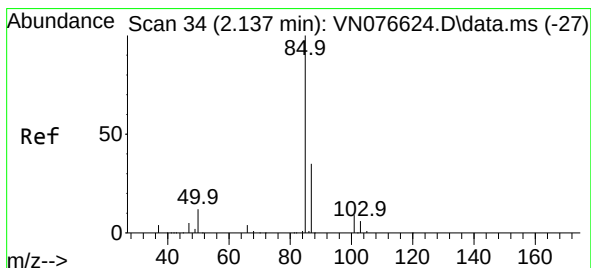
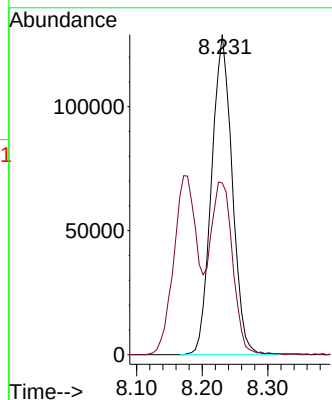
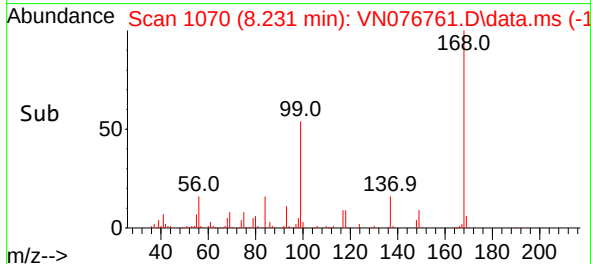
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 28184
Ion Ratio Lower Upper
168 100
99 53.3 44.8 67.2

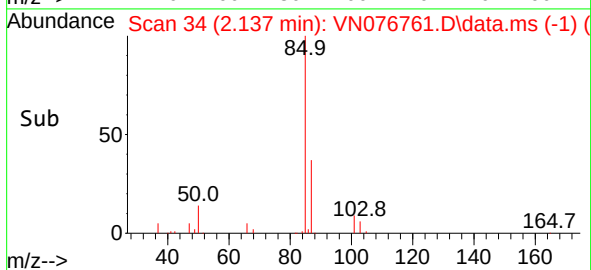
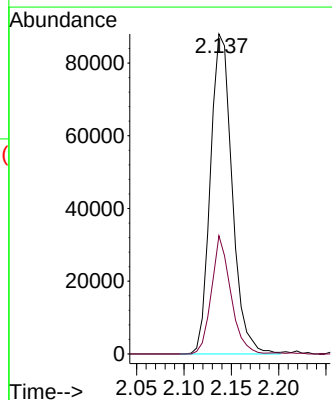
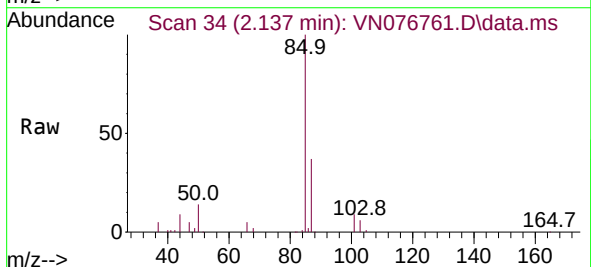
Manual Integrations
APPROVED

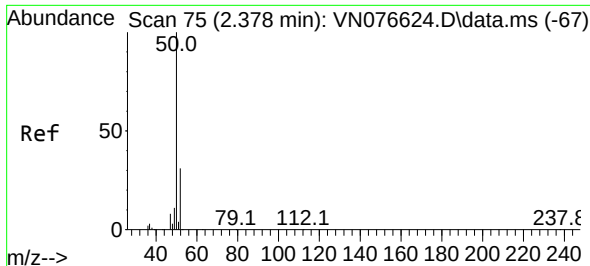
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 46.928 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076761.D
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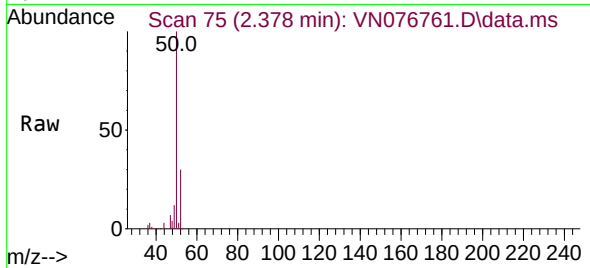
Tgt Ion: 85 Resp: 140442
Ion Ratio Lower Upper
85 100
87 37.0 17.4 52.2





#3
Chloromethane
Concen: 45.100 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

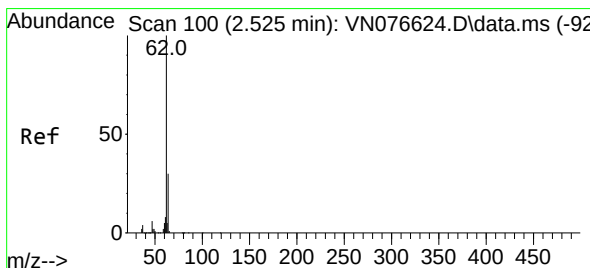
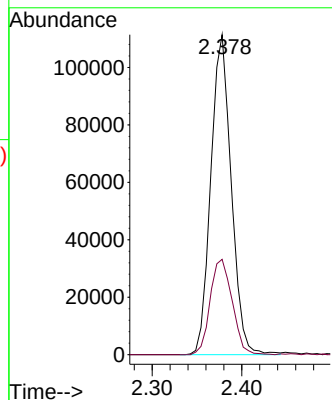
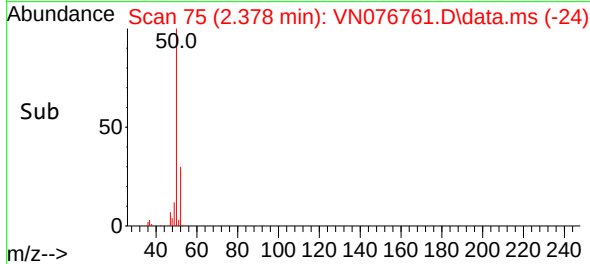
Instrument :
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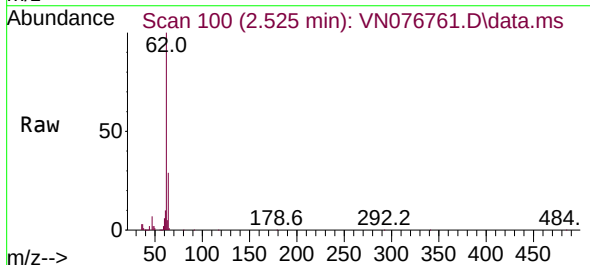
Tgt Ion: 50 Resp: 176092
Ion Ratio Lower Upper
50 100
52 29.8 24.7 37.1

Manual Integrations
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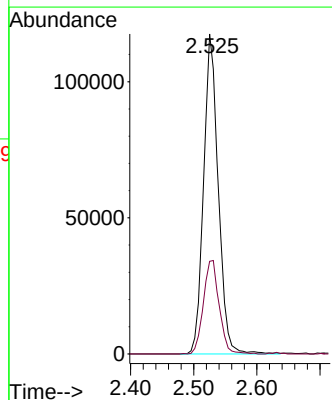
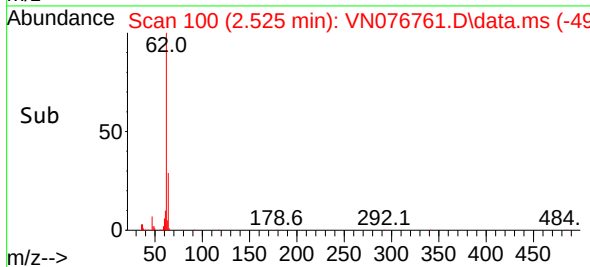
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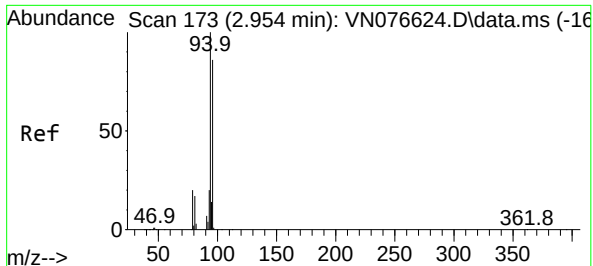


#4
Vinyl Chloride
Concen: 49.400 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



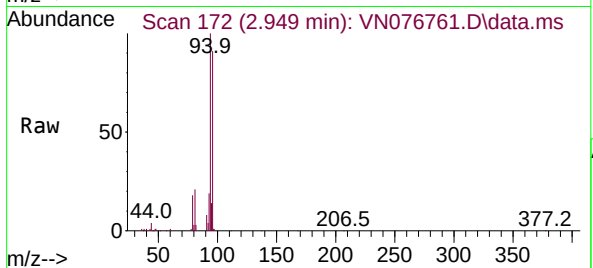
Tgt Ion: 62 Resp: 189833
Ion Ratio Lower Upper
62 100
64 29.0 23.9 35.9





#5
Bromomethane
Concen: 53.714 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076761.D
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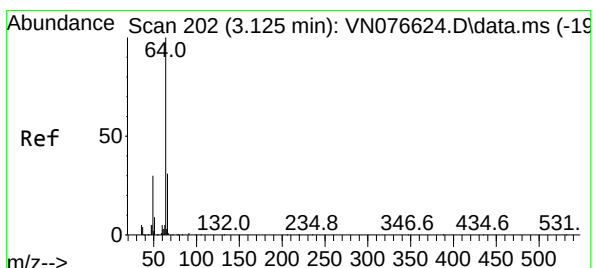
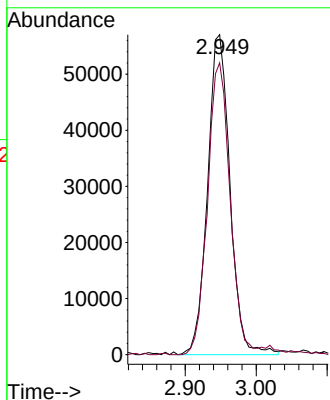
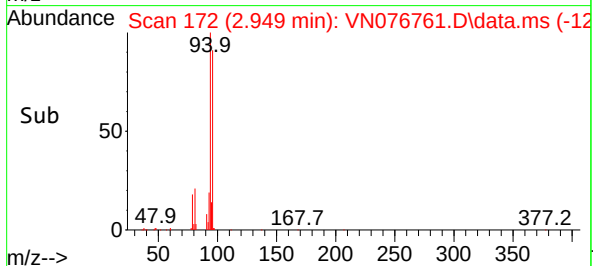
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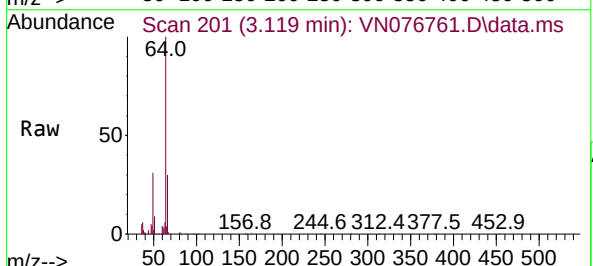
Tgt Ion: 94 Resp: 12506
Ion Ratio Lower Upper
94 100
96 91.2 69.0 103.4

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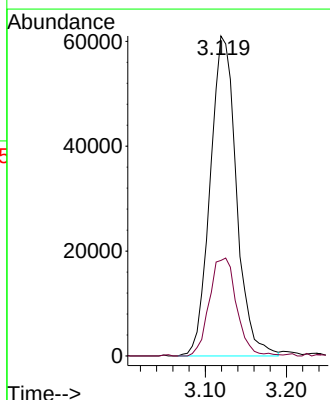
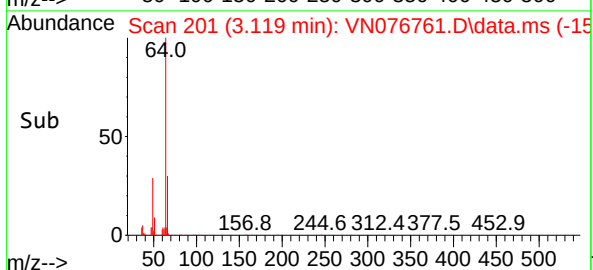
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

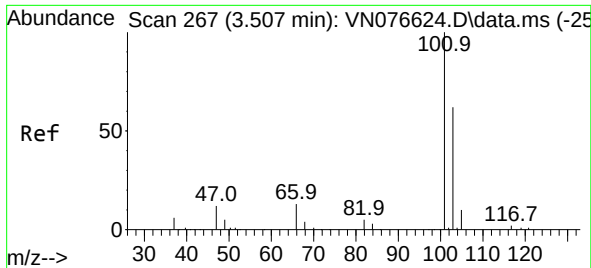


#6
Chloroethane
Concen: 56.454 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 64 Resp: 137100
Ion Ratio Lower Upper
64 100
66 29.8 24.6 37.0





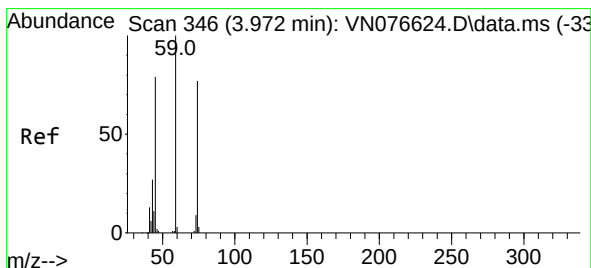
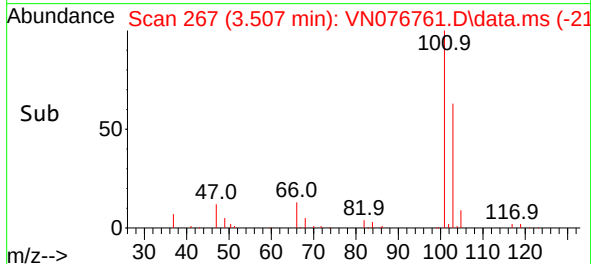
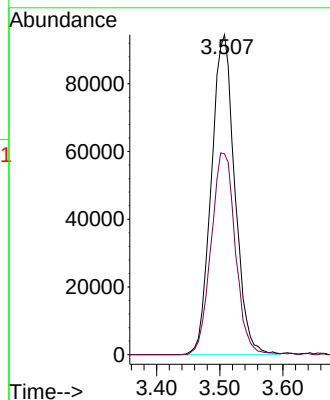
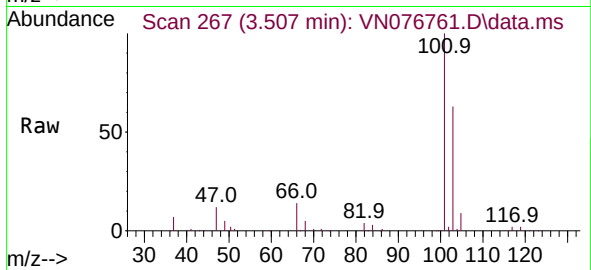
#7
Trichlorofluoromethane
Concen: 46.528 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN076761.D
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Instrument :
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Tgt Ion:101 Resp: 24327
Ion Ratio Lower Upper
101 100
103 62.8 49.4 74.2

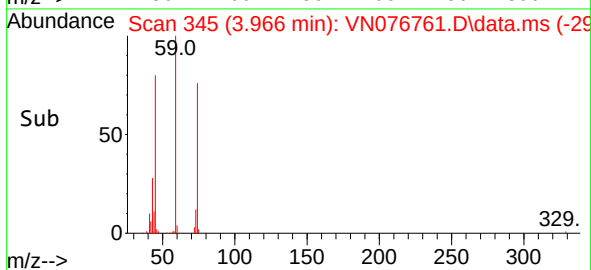
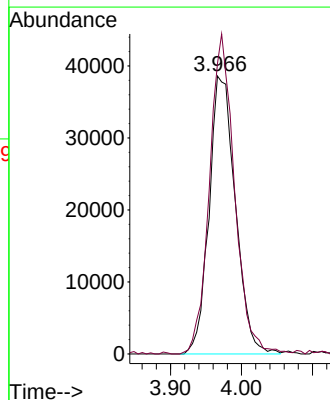
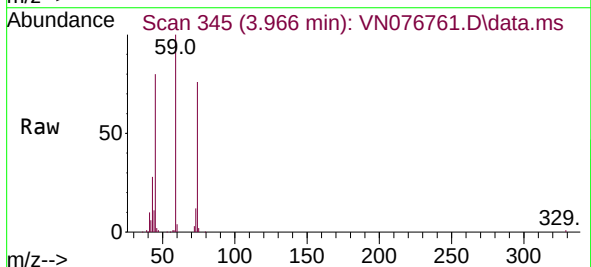
Manual Integrations
APPROVED

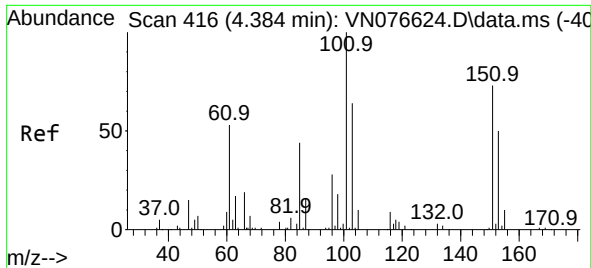
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#8
Diethyl Ether
Concen: 49.343 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Tgt Ion: 74 Resp: 99412
Ion Ratio Lower Upper
74 100
45 109.7 51.3 153.9





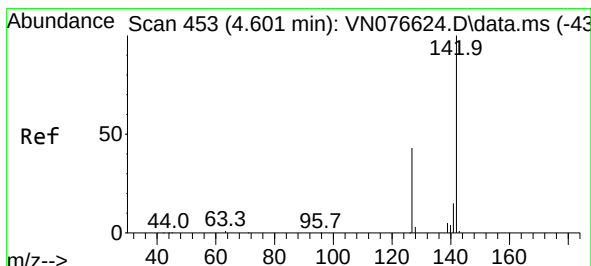
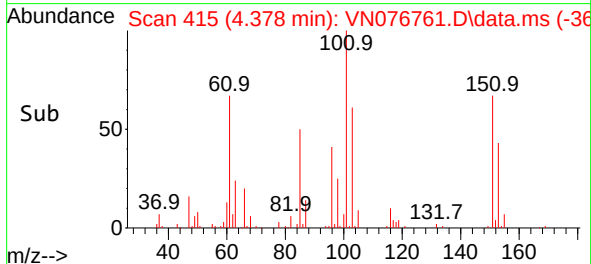
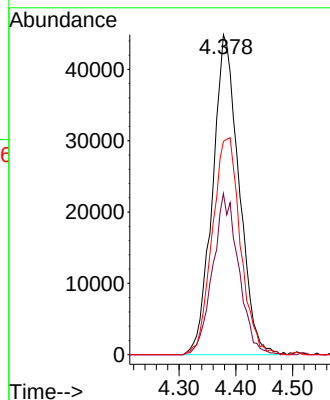
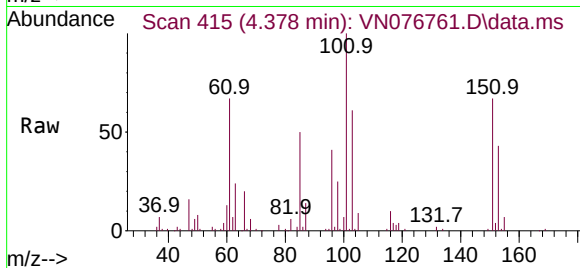
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.153 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14486
Ion Ratio Lower Upper
101 100
85 49.4 37.4 56.0
151 72.3 58.7 88.1

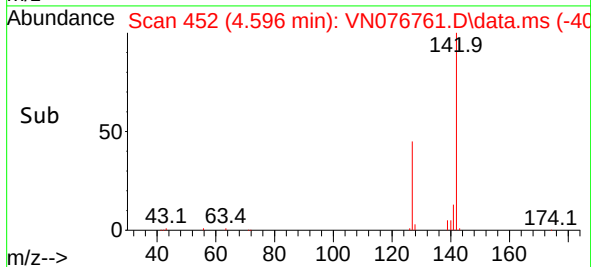
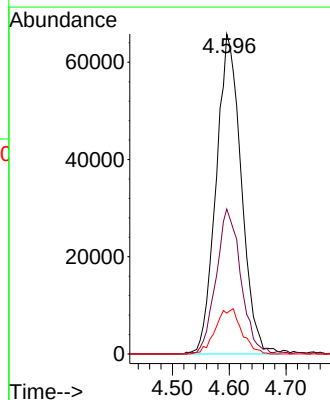
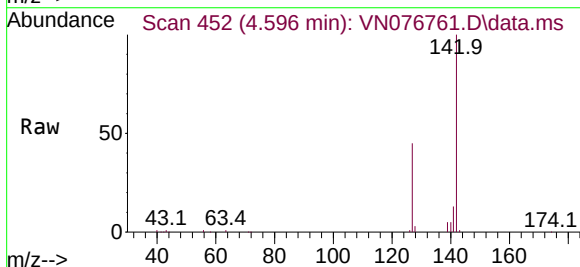
Manual Integrations
APPROVED

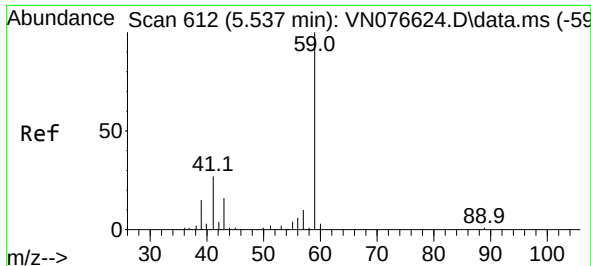
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 53.197 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Tgt Ion:142 Resp: 201823
Ion Ratio Lower Upper
142 100
127 45.3 34.6 51.8
141 12.7 11.7 17.5





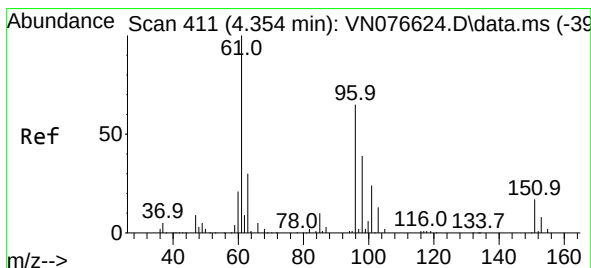
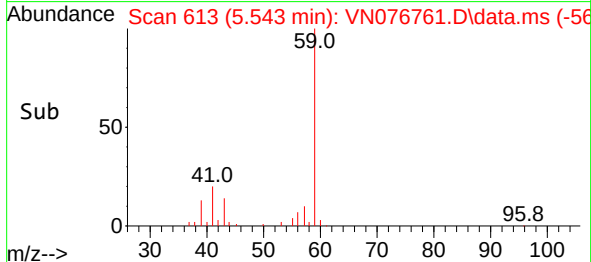
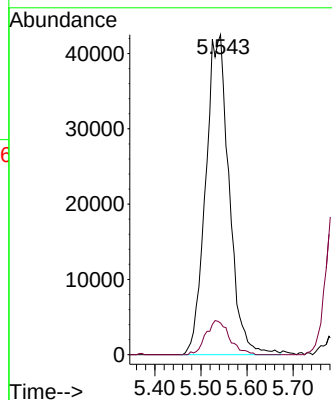
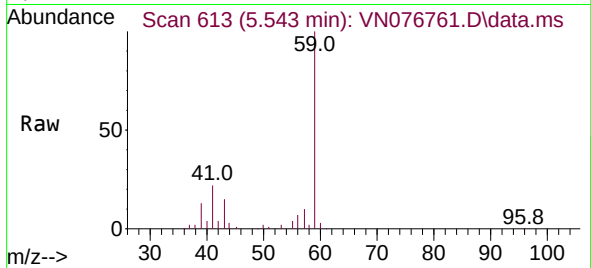
#11
Tert butyl alcohol
Concen: 292.943 ug/l
RT: 5.543 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 15048
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

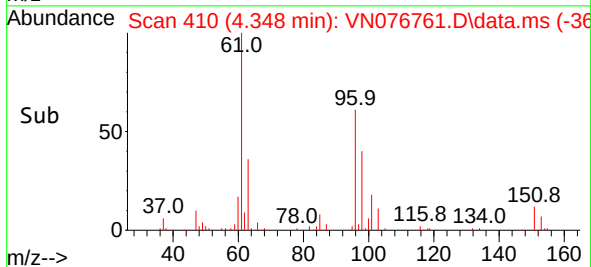
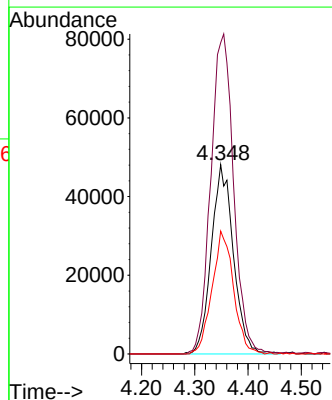
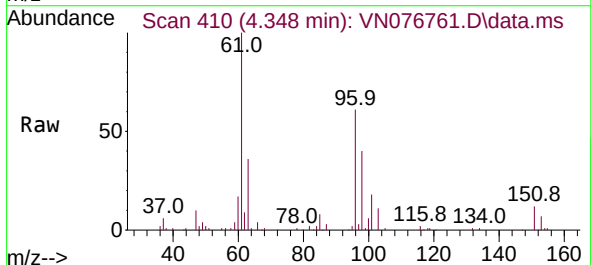
Manual Integrations
APPROVED

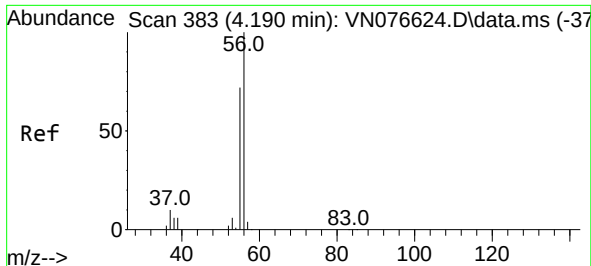
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 47.762 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

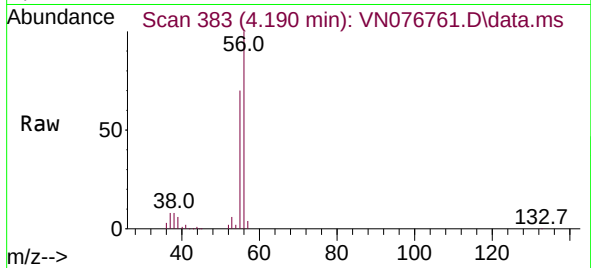
Tgt Ion: 96 Resp: 138945
Ion Ratio Lower Upper
96 100
61 164.5 123.8 185.6
98 65.0 48.4 72.6





#13
Acrolein
Concen: 235.375 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

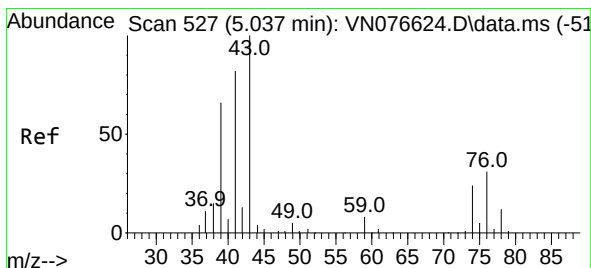
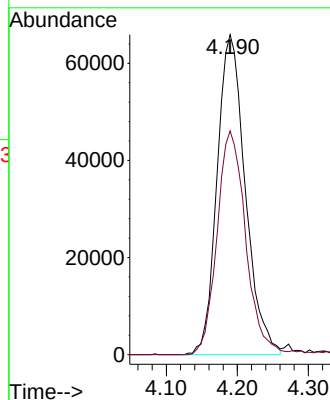
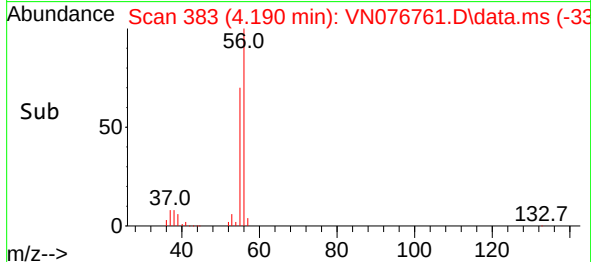
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



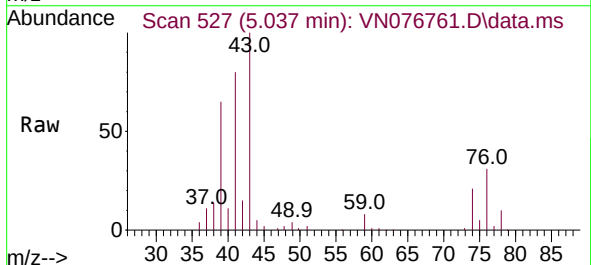
Tgt Ion: 56 Resp: 181529
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

Manual Integrations
APPROVED

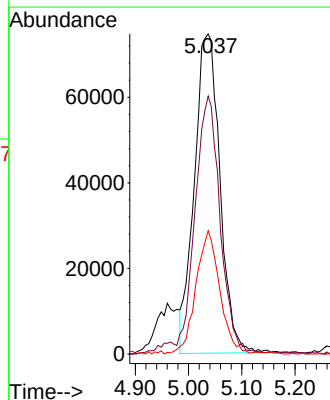
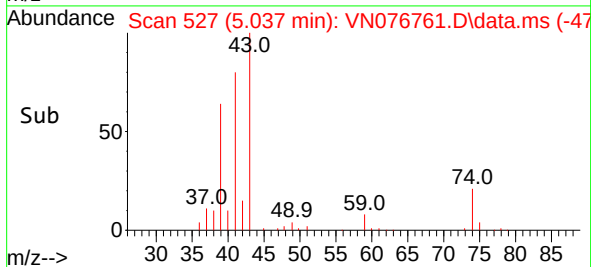
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

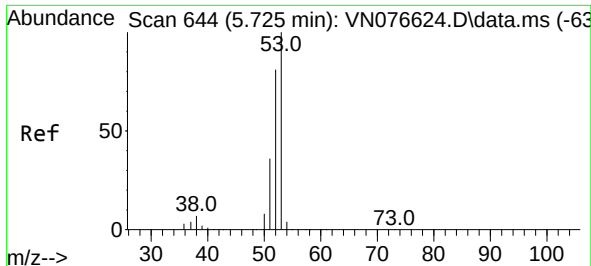


#14
Allyl chloride
Concen: 49.501 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



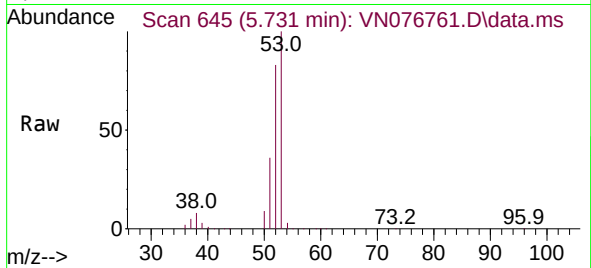
Tgt Ion: 41 Resp: 249519
Ion Ratio Lower Upper
41 100
39 77.8 62.3 93.5
76 35.9 27.0 40.6





#15
Acrylonitrile
Concen: 273.427 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

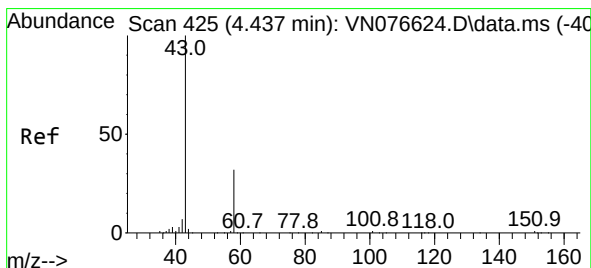
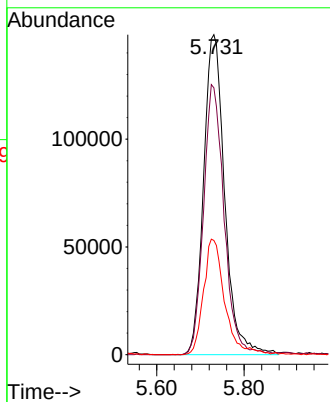
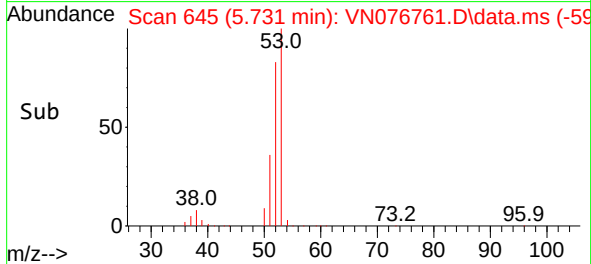
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



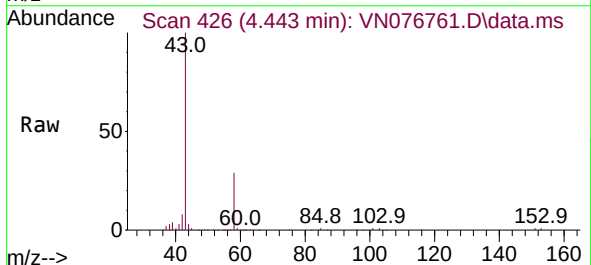
Tgt Ion: 53 Resp: 498488
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 36.1 29.2 43.8

Manual Integrations
APPROVED

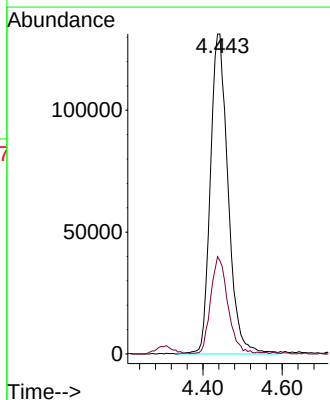
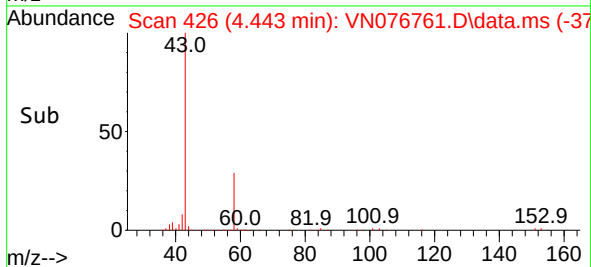
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

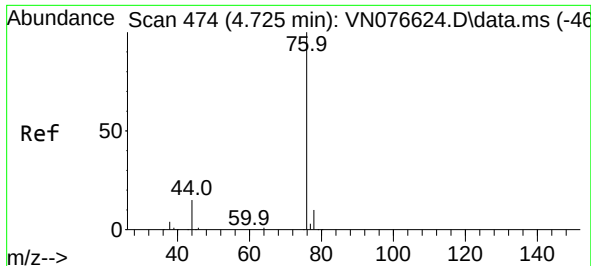


#16
Acetone
Concen: 234.145 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 43 Resp: 407046
Ion Ratio Lower Upper
43 100
58 28.9 25.9 38.9





#17

Carbon Disulfide

Concen: 44.207 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 33954

Ion Ratio Lower Upper

76 100

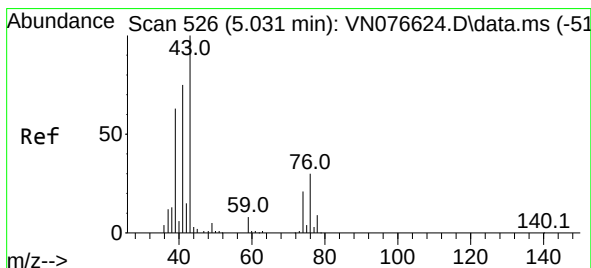
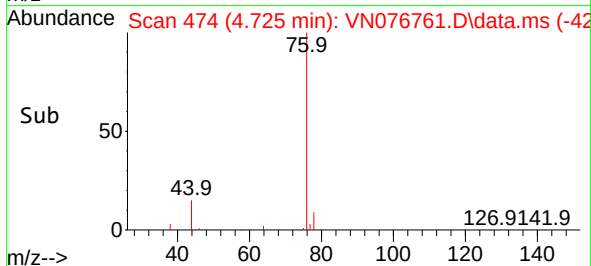
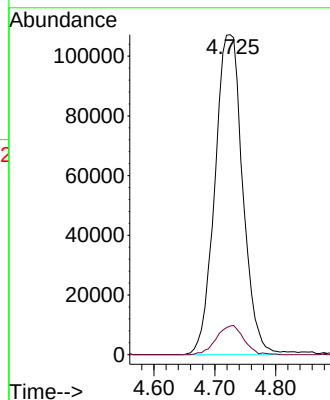
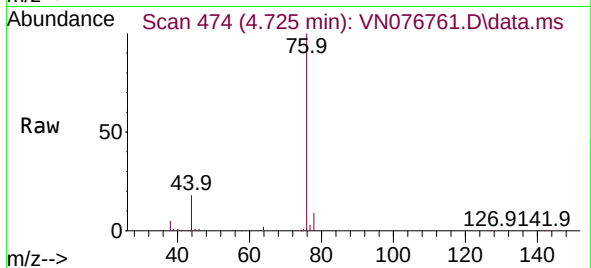
78 9.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#18

Methyl Acetate

Concen: 54.650 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN076761.D

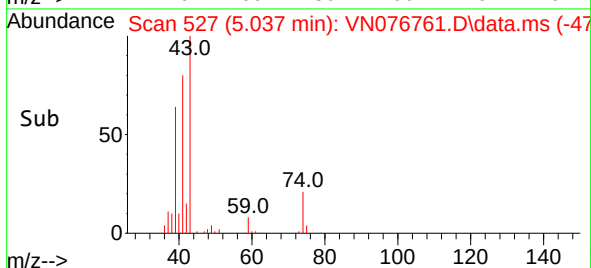
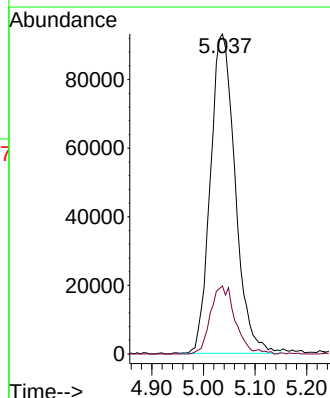
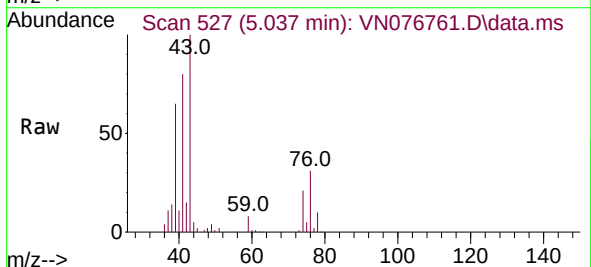
Acq: 21 Feb 2023 19:36

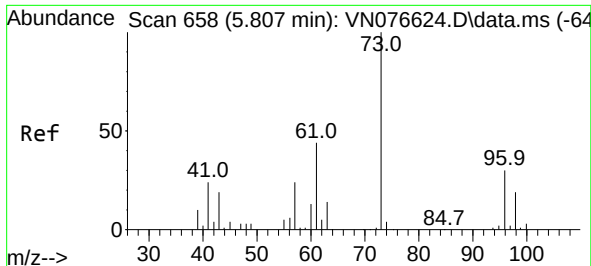
Tgt Ion: 43 Resp: 310114

Ion Ratio Lower Upper

43 100

74 21.3 17.7 26.5





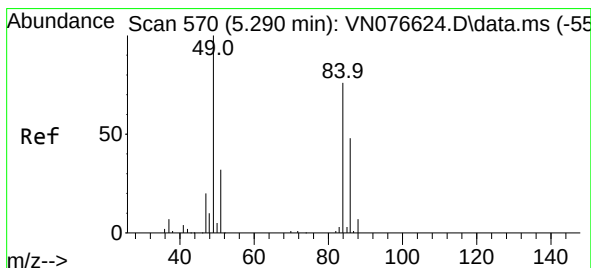
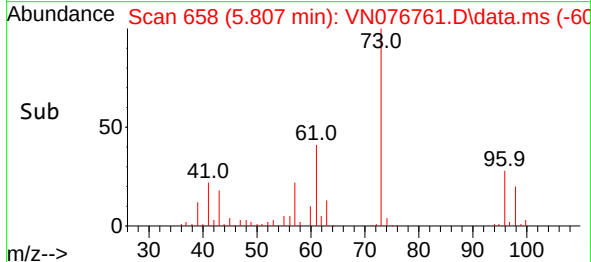
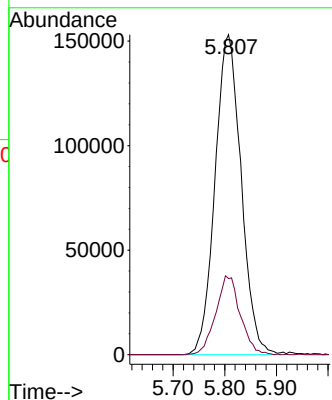
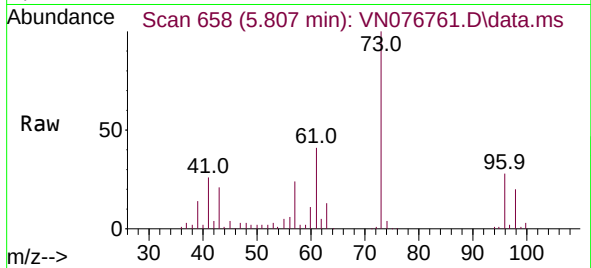
#19
Methyl tert-butyl Ether
Concen: 54.703 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 536529
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.4

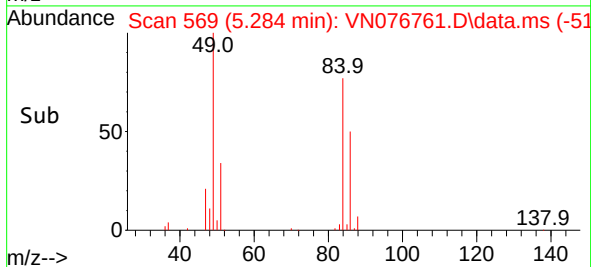
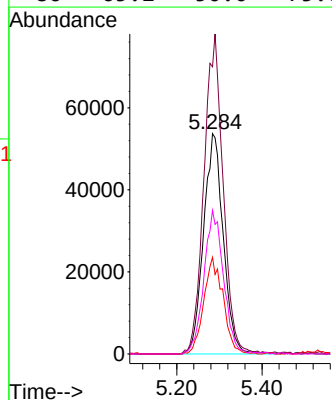
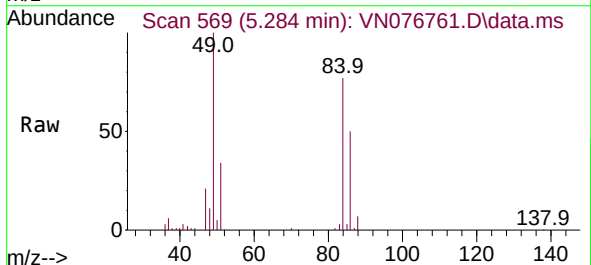
Manual Integrations
APPROVED

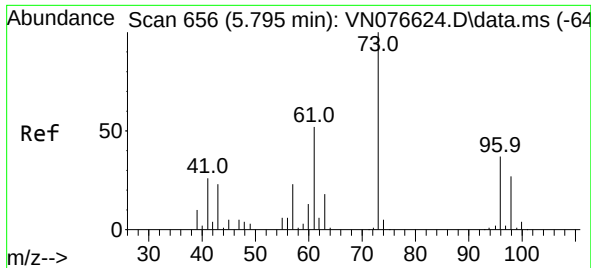
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 47.414 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

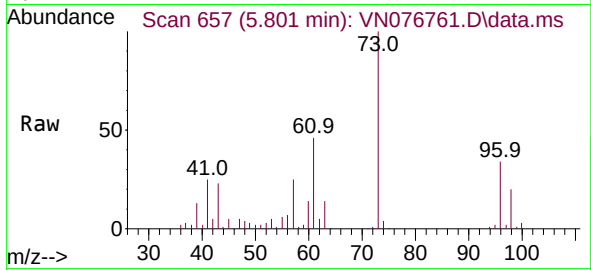
Tgt Ion: 84 Resp: 172750
Ion Ratio Lower Upper
84 100
49 130.4 104.9 157.3
51 43.8 33.8 50.8
86 65.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 47.377 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

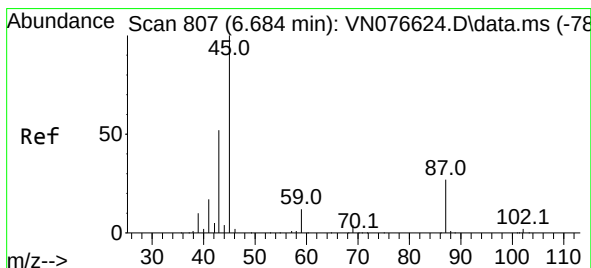
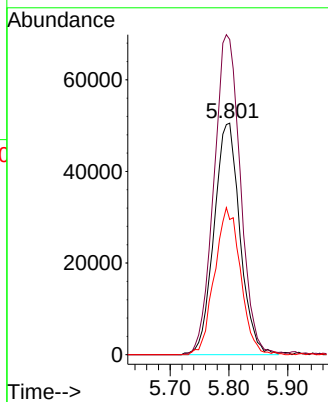
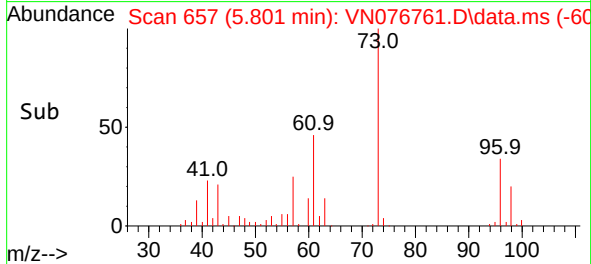
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



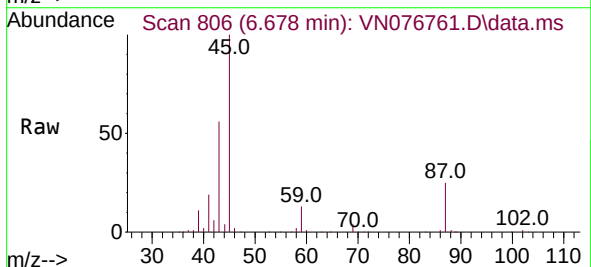
Tgt Ion: 96 Resp: 15514
Ion Ratio Lower Upper
96 100
61 136.1 113.9 170.9
98 58.4 59.4 89.0

Manual Integrations
APPROVED

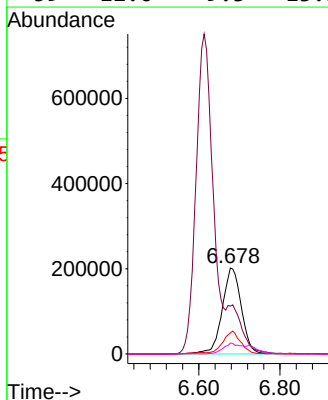
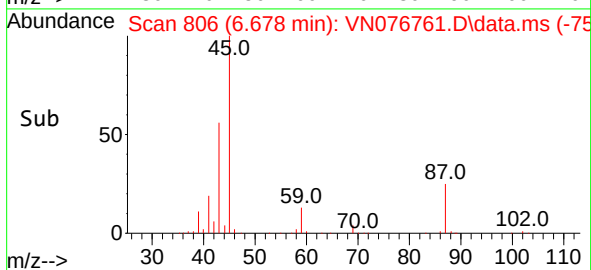
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

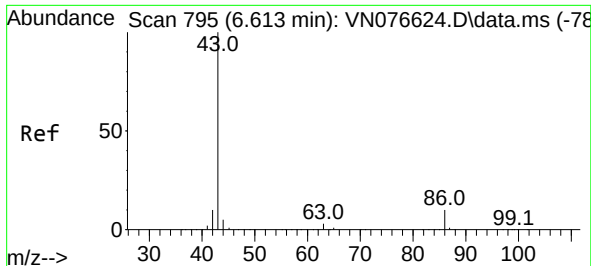


#22
Diisopropyl ether
Concen: 56.070 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 45 Resp: 662898
Ion Ratio Lower Upper
45 100
43 54.9 41.8 62.6
87 24.6 21.8 32.8
59 12.6 9.3 13.9





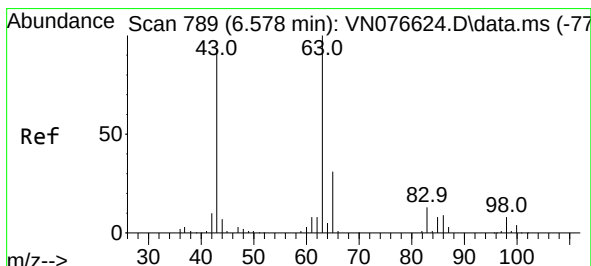
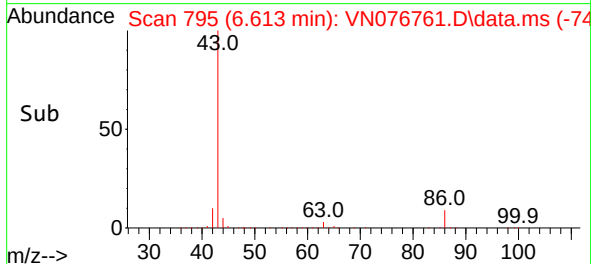
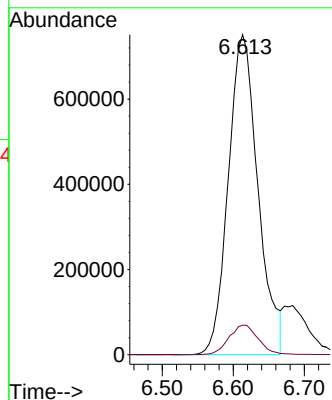
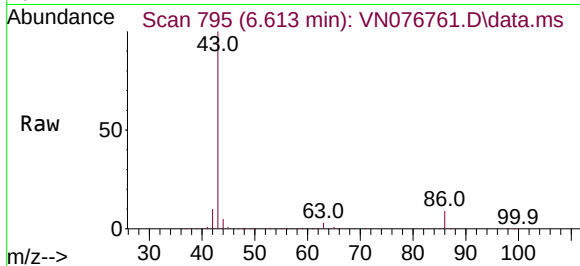
#23
 Vinyl Acetate
 Concen: 312.751 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2187718
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.2

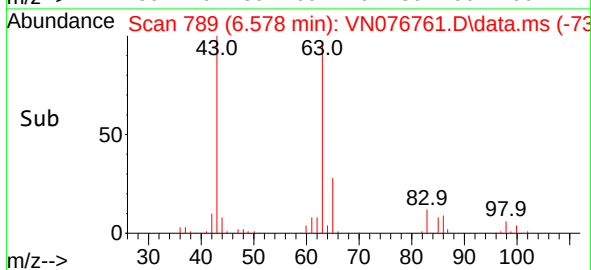
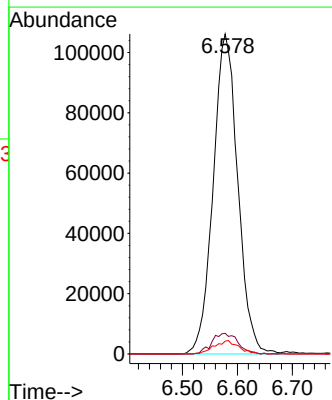
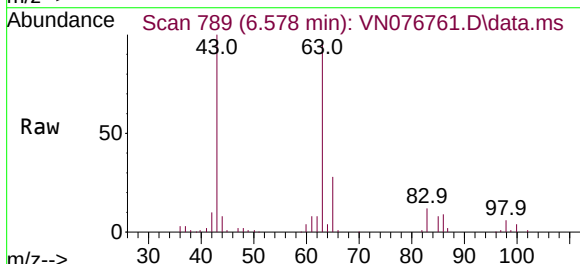
Manual Integrations
 APPROVED

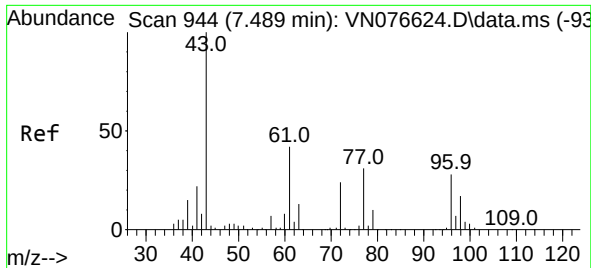
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 50.905 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

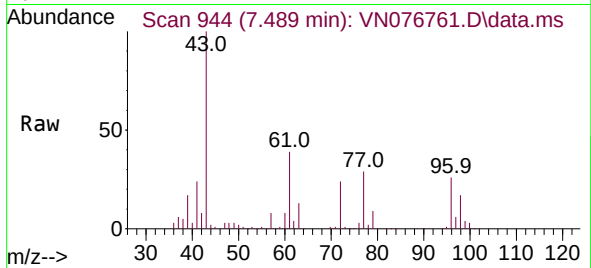
Tgt Ion: 63 Resp: 329838
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.1 12.3
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 268.730 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

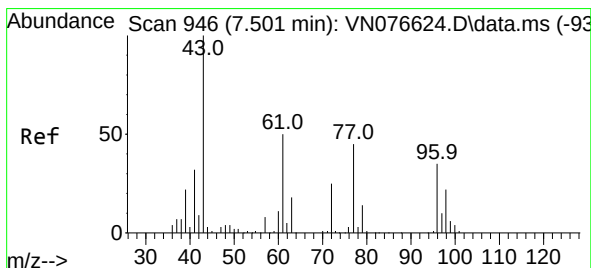
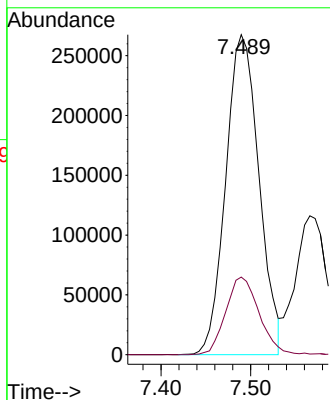
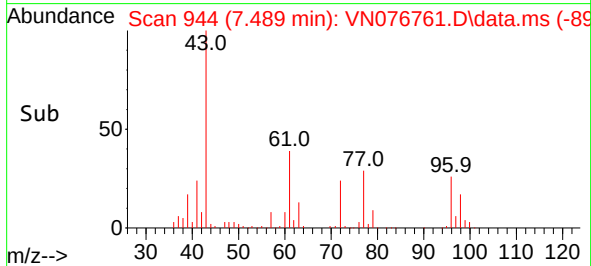
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 689108
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2

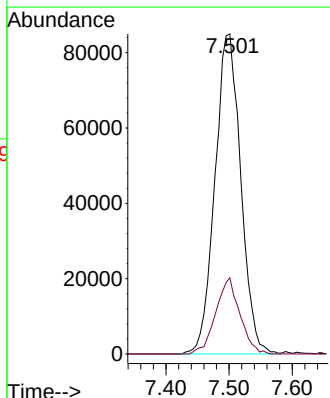
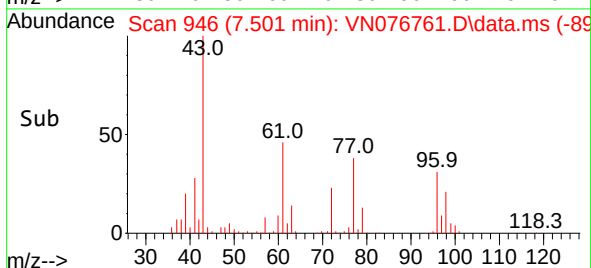
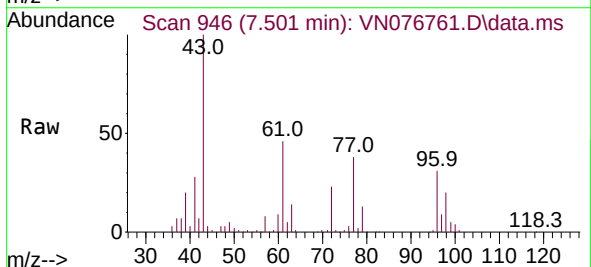
Manual Integrations
APPROVED

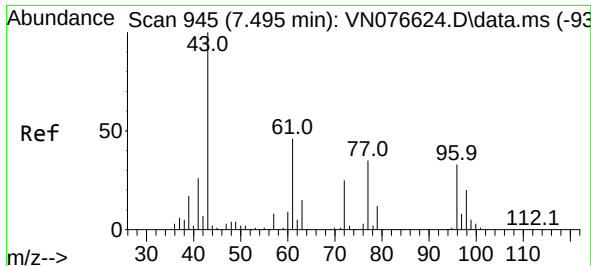
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 51.696 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

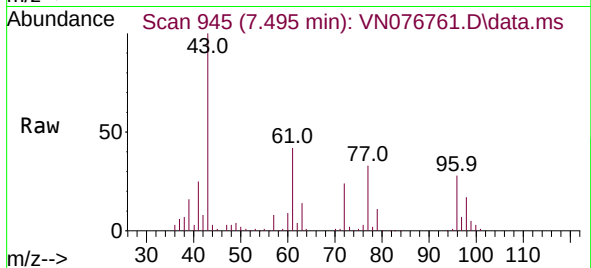
Tgt Ion: 77 Resp: 241605
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.871 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

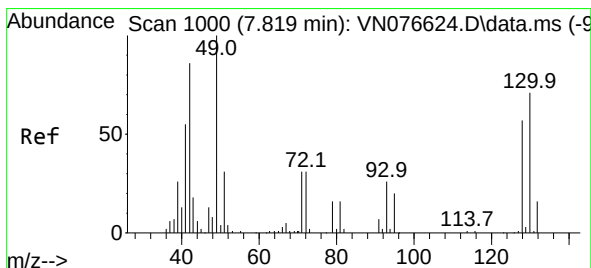
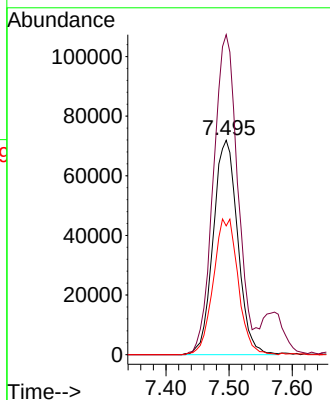
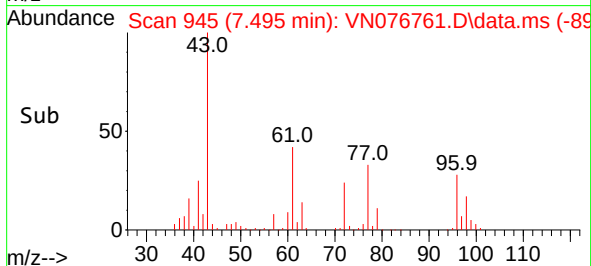
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



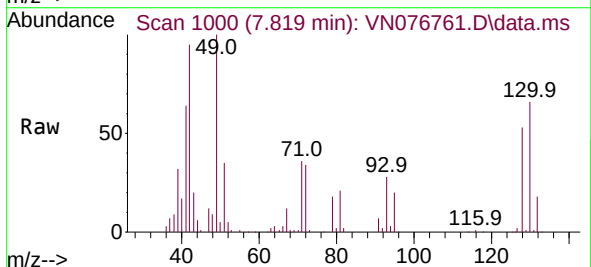
Tgt Ion: 96 Resp: 19370
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 286.8
 98 64.4 0.0 124.0

Manual Integrations
 APPROVED

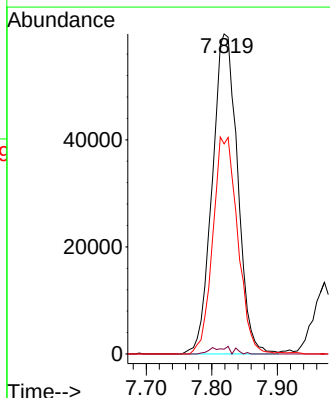
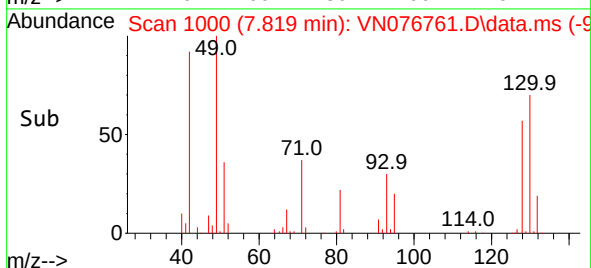
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

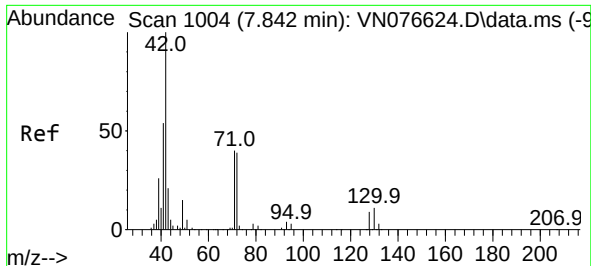


#28
 Bromochloromethane
 Concen: 51.910 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36



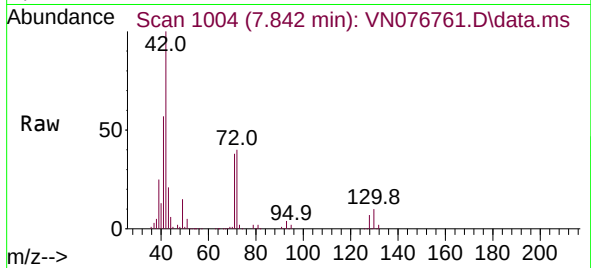
Tgt Ion: 49 Resp: 160085
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.0
 130 66.6 57.8 86.8





#29
Tetrahydrofuran
Concen: 287.932 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

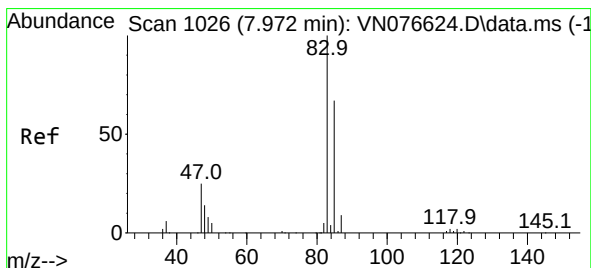
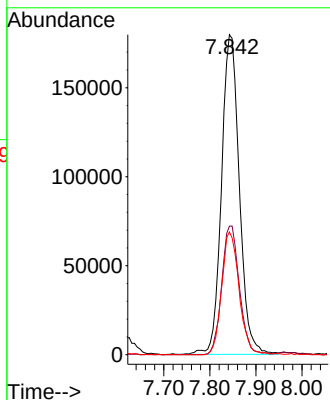
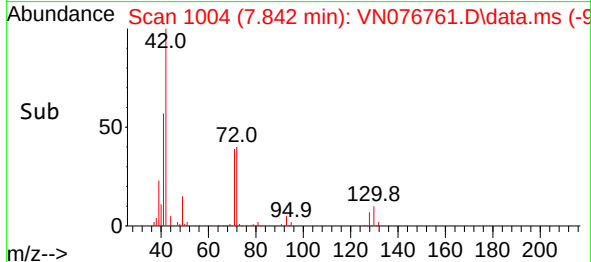
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 48240
Ion Ratio Lower Upper
42 100
72 39.8 31.5 47.3
71 37.5 29.8 44.8

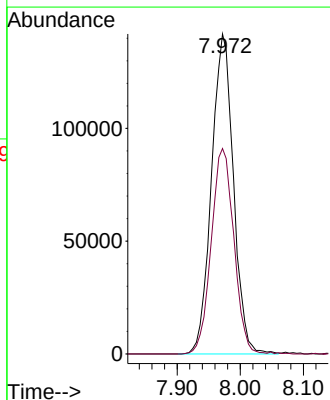
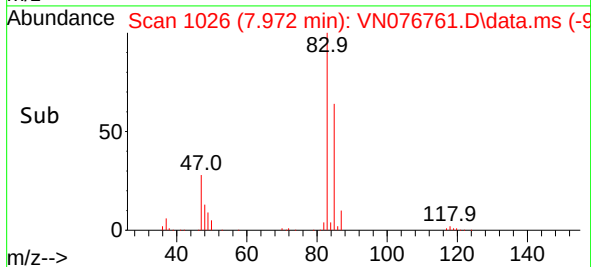
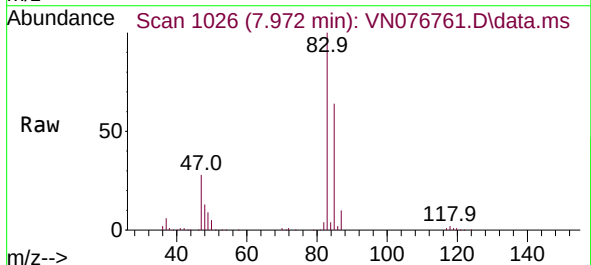
Manual Integrations
APPROVED

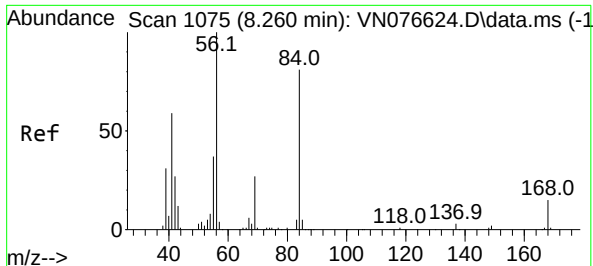
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#30
Chloroform
Concen: 52.956 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

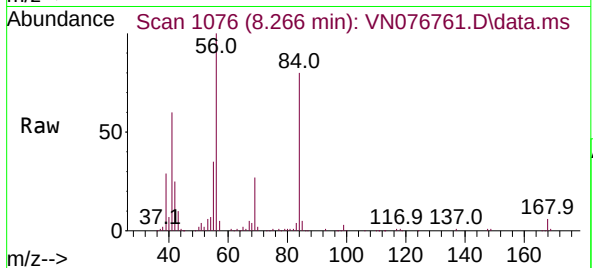
Tgt Ion: 83 Resp: 342830
Ion Ratio Lower Upper
83 100
85 64.2 53.5 80.3





#31
Cyclohexane
Concen: 50.300 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

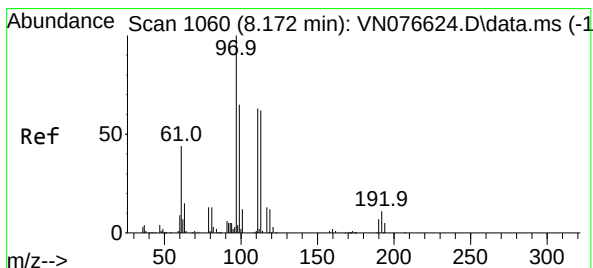
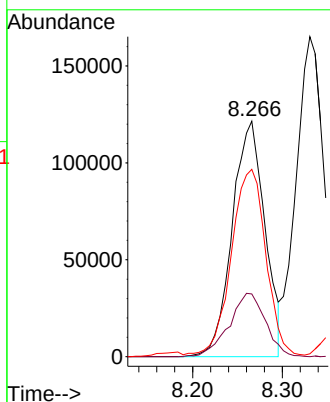
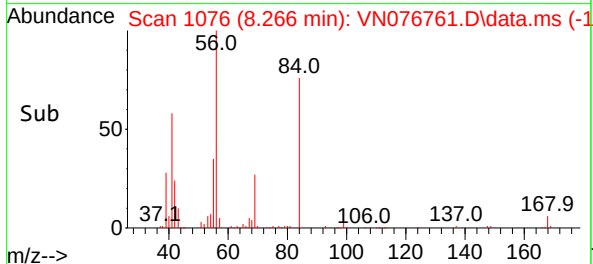
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



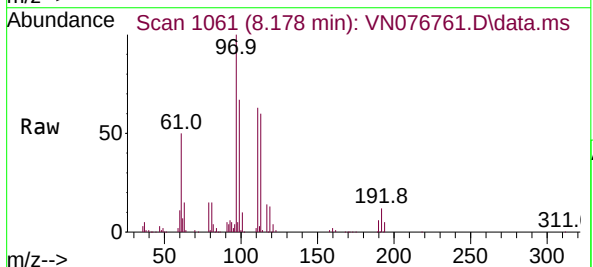
Tgt Ion: 56 Resp: 307074
Ion Ratio Lower Upper
56 100
69 26.7 21.6 32.4
84 77.6 65.1 97.7

Manual Integrations
APPROVED

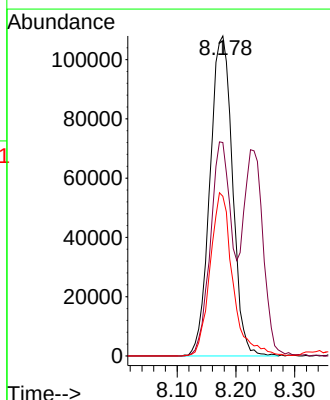
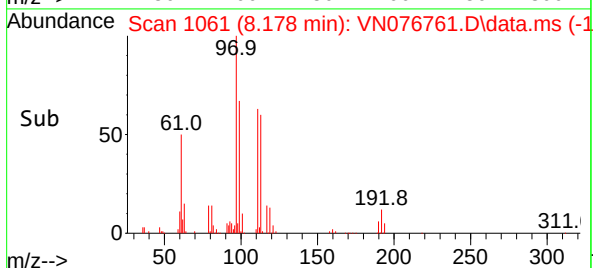
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

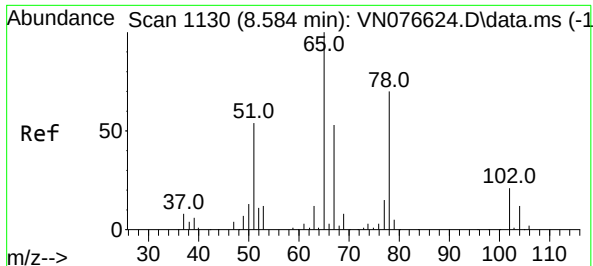


#32
1,1,1-Trichloroethane
Concen: 52.771 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 97 Resp: 287243
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 51.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 55.674 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 21667

Ion Ratio Lower Upper

65 100

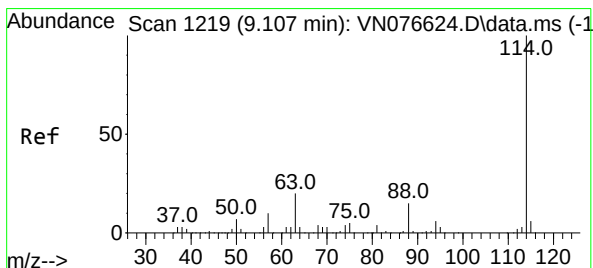
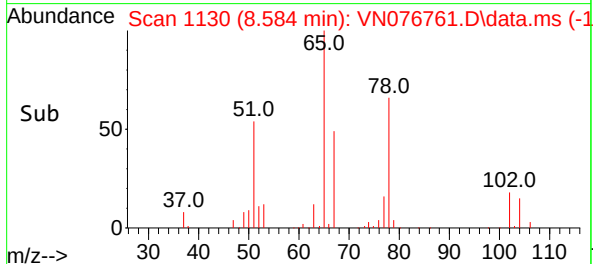
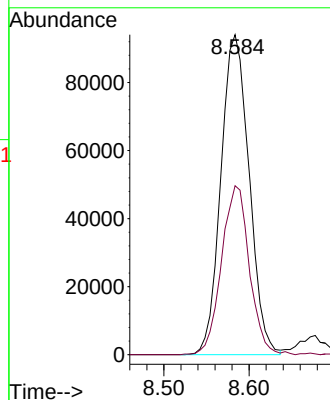
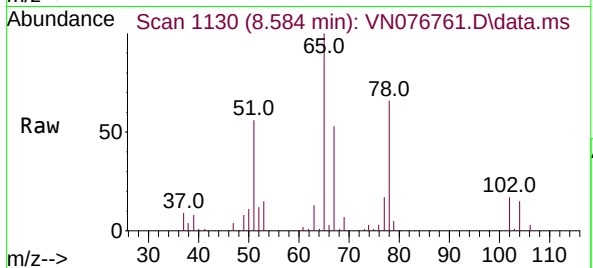
67 52.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

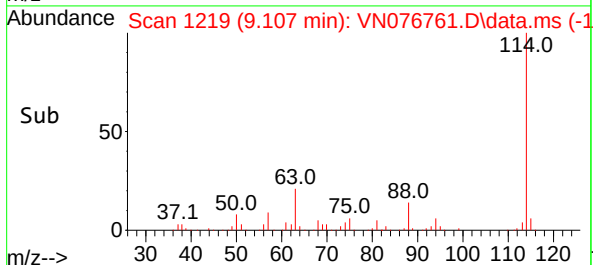
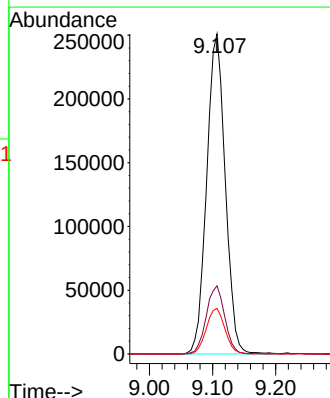
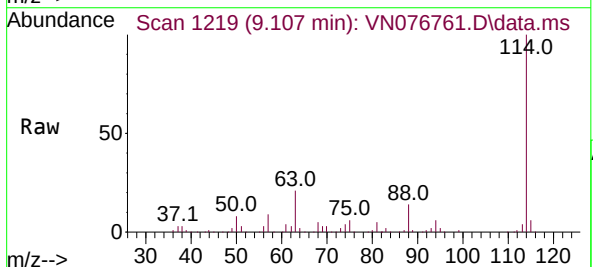
Tgt Ion:114 Resp: 512899

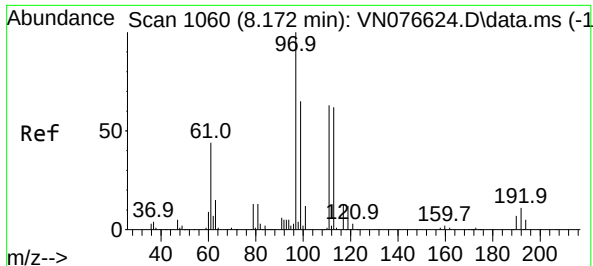
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.854 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 16745

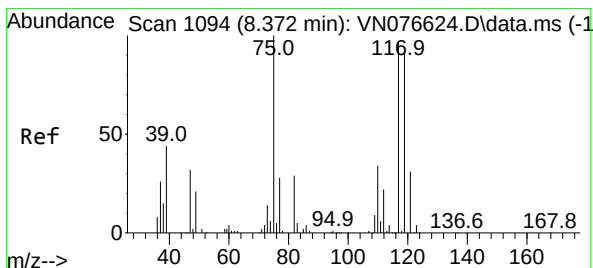
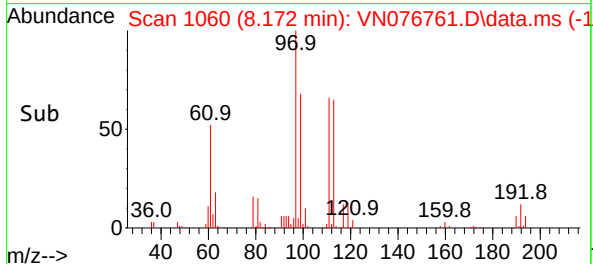
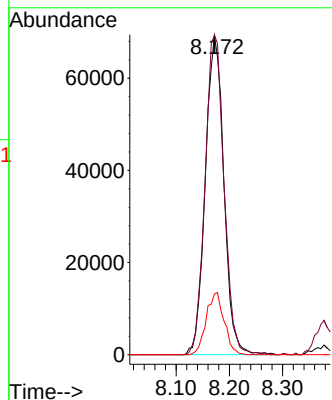
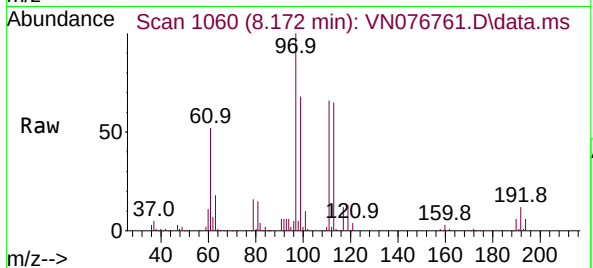
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	18.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 50.373 ug/l

RT: 8.378 min Scan# 1095

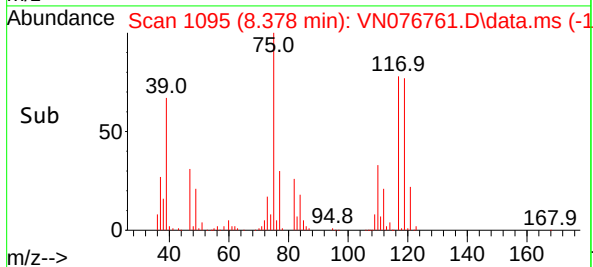
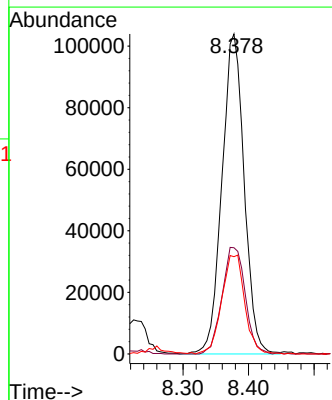
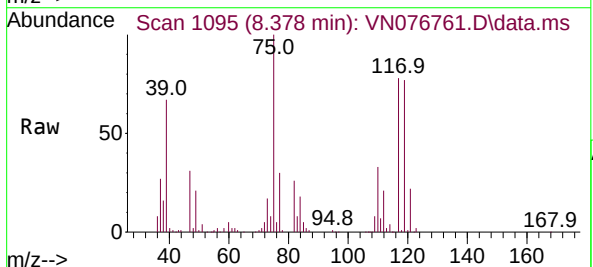
Delta R.T. 0.006 min

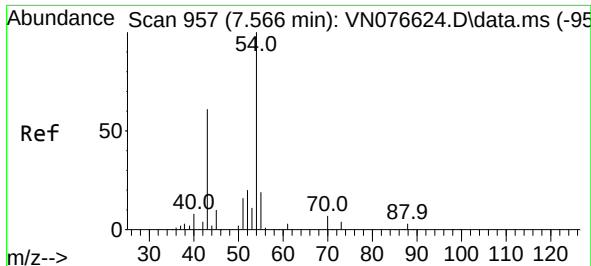
Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Tgt Ion: 75 Resp: 244460

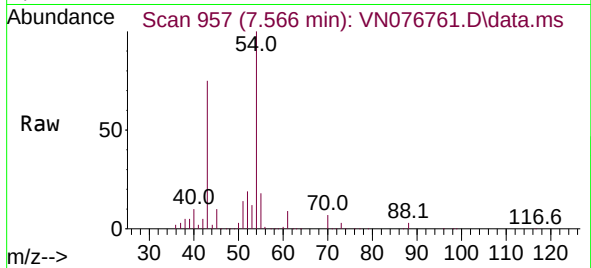
Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.5
77	31.9	24.5	36.7





#37
Ethyl Acetate
Concen: 56.990 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

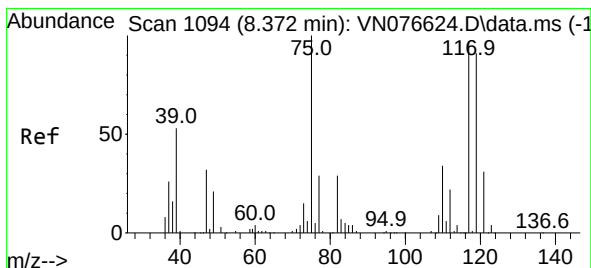
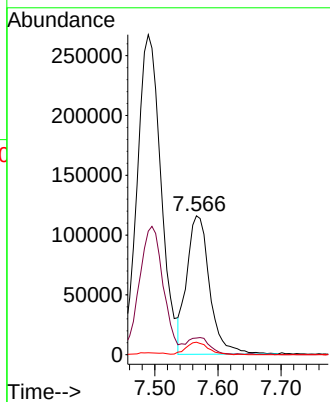
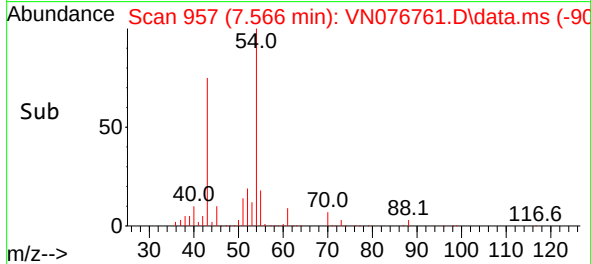
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 290992
Ion Ratio Lower Upper
43 100
61 10.8 9.9 14.9
70 8.7 7.8 11.6

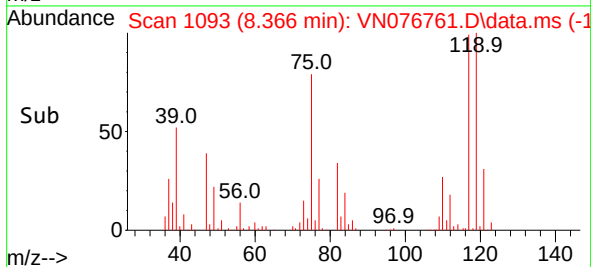
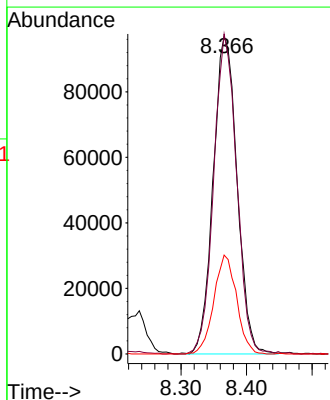
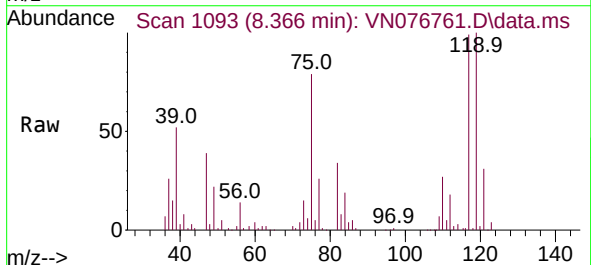
Manual Integrations
APPROVED

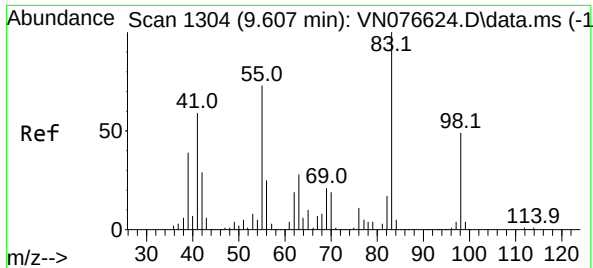
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 50.003 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

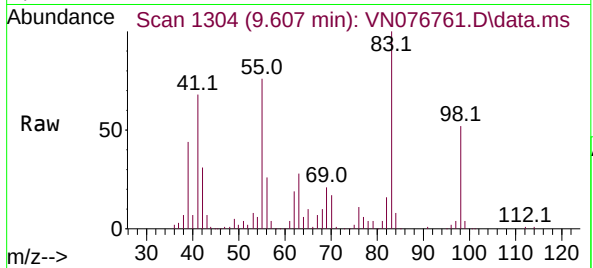
Tgt Ion:117 Resp: 244798
Ion Ratio Lower Upper
117 100
119 100.8 75.4 113.0
121 31.1 26.0 39.0





#39
Methylcyclohexane
Concen: 53.869 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

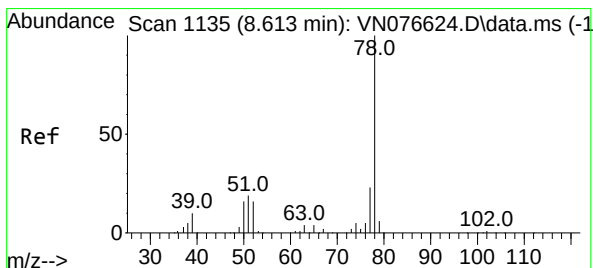
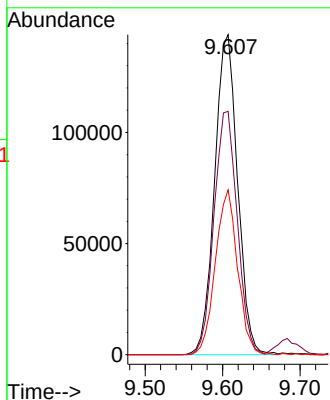
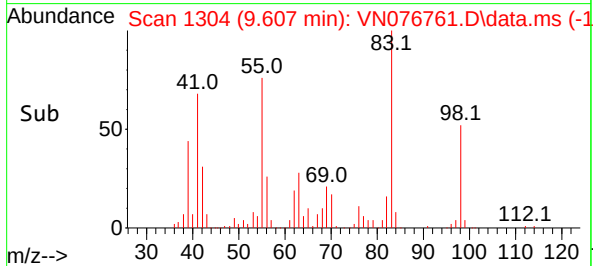
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



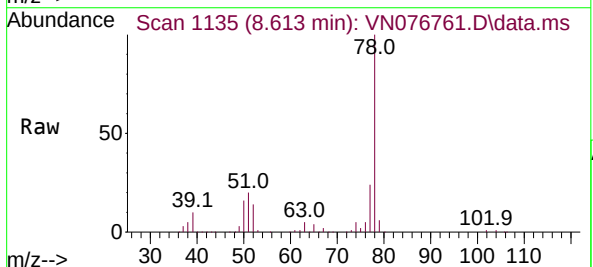
Tgt Ion: 83 Resp: 29716
Ion Ratio Lower Upper
83 100
55 76.1 58.6 88.0
98 51.5 39.4 59.2

Manual Integrations
APPROVED

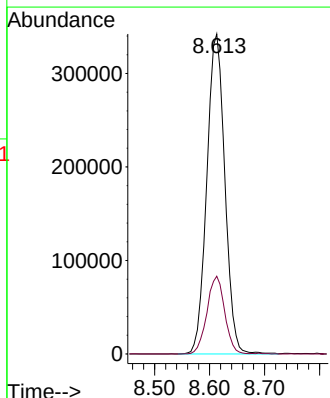
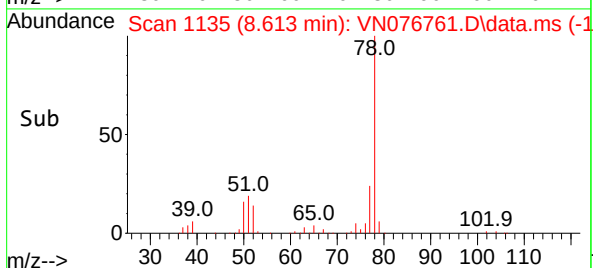
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

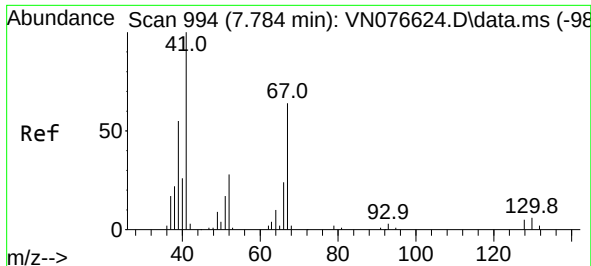


#40
Benzene
Concen: 52.389 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



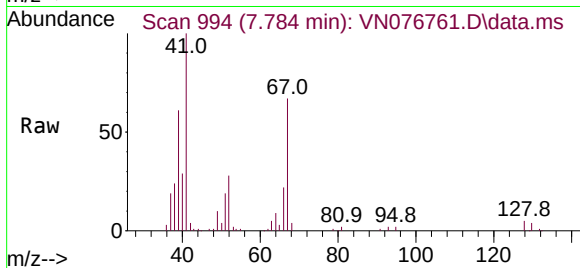
Tgt Ion: 78 Resp: 780770
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.4





#41
Methacrylonitrile
Concen: 54.677 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

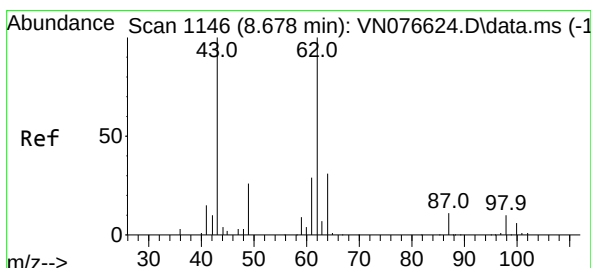
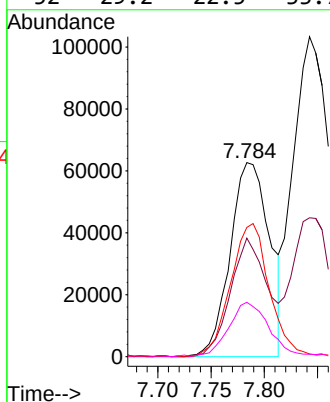
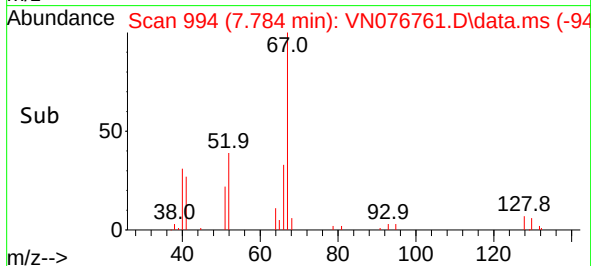
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



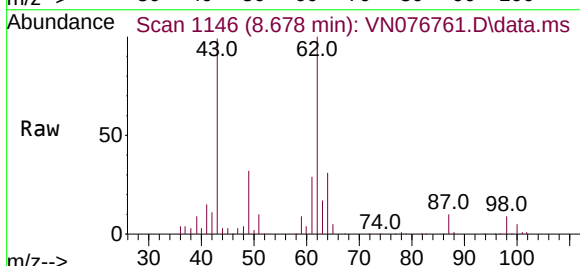
Tgt Ion: 41 Resp: 161734
Ion Ratio Lower Upper
41 100
39 57.2 42.6 63.8
67 67.8 51.4 77.0
52 29.2 22.5 33.7

Manual Integrations
APPROVED

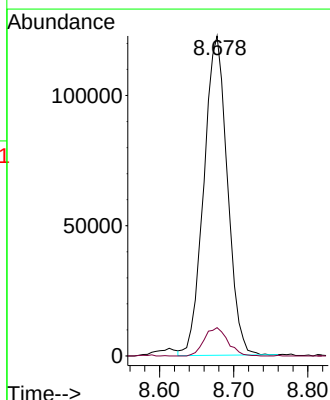
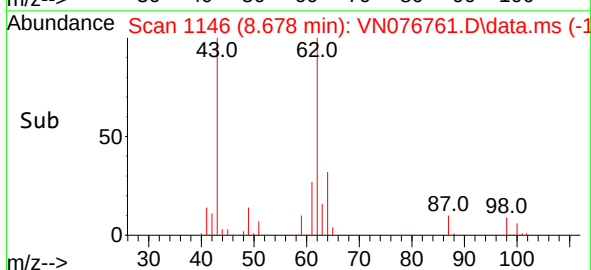
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

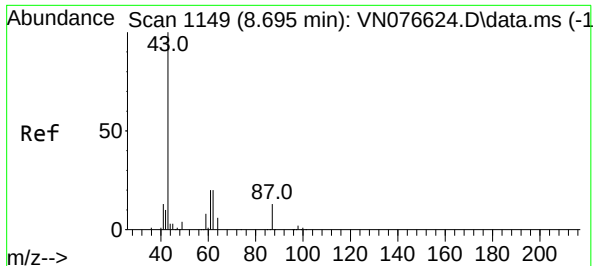


#42
1,2-Dichloroethane
Concen: 51.986 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



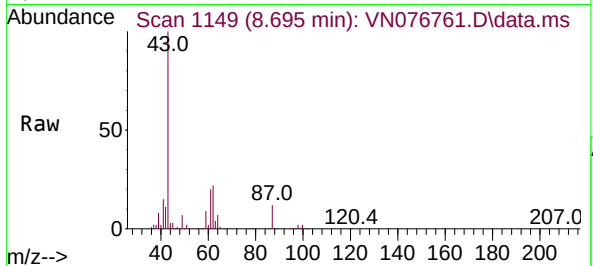
Tgt Ion: 62 Resp: 270212
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.2





#43
Isopropyl Acetate
Concen: 57.242 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

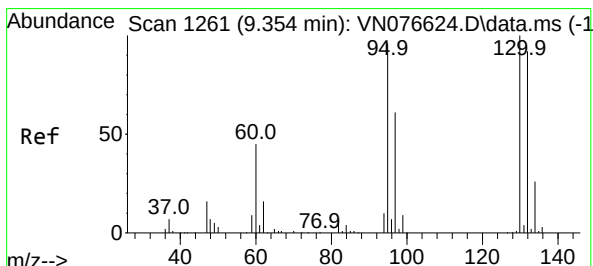
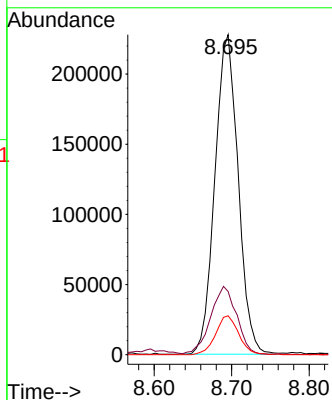
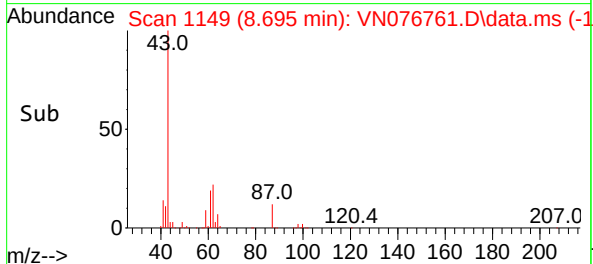
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



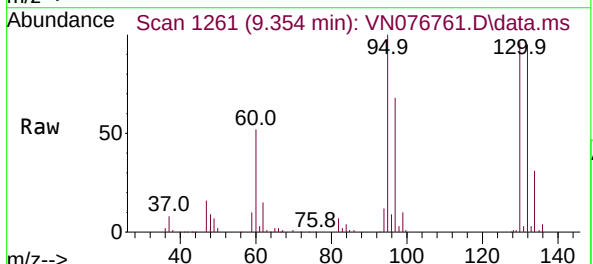
Tgt Ion: 43 Resp: 47560
Ion Ratio Lower Upper
43 100
61 23.8 20.0 30.0
87 12.1 9.9 14.9

Manual Integrations
APPROVED

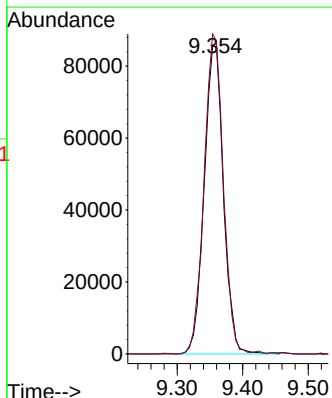
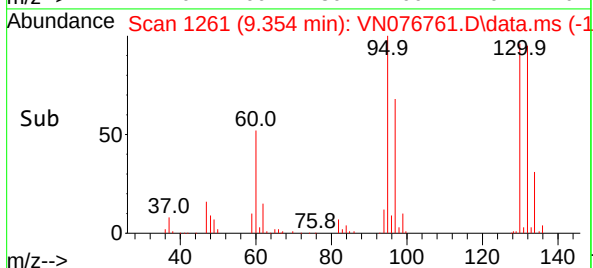
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

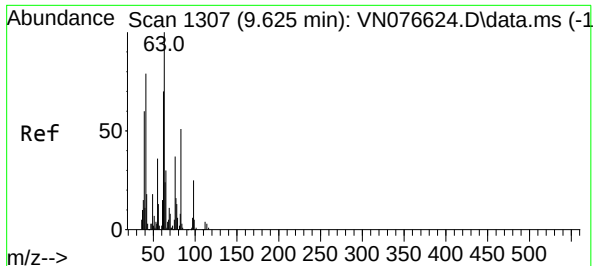


#44
Trichloroethene
Concen: 49.764 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion:130 Resp: 175258
Ion Ratio Lower Upper
130 100
95 104.1 0.0 191.4





#45

1,2-Dichloropropane

Concen: 52.558 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 207349

Ion Ratio Lower Upper

63 100

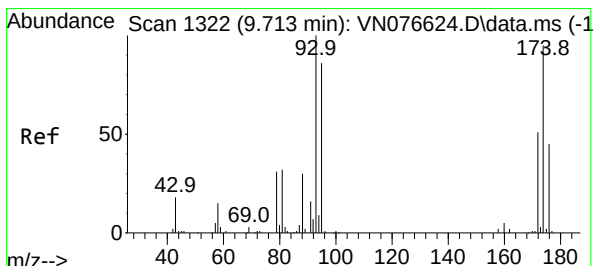
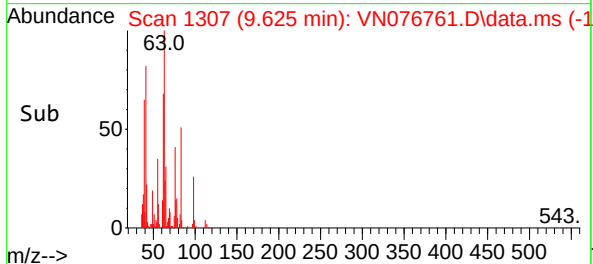
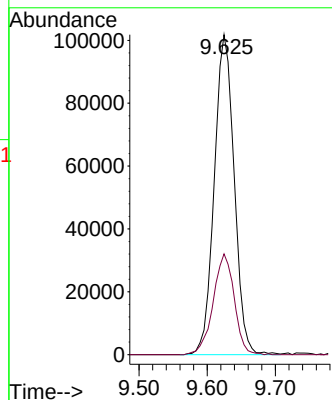
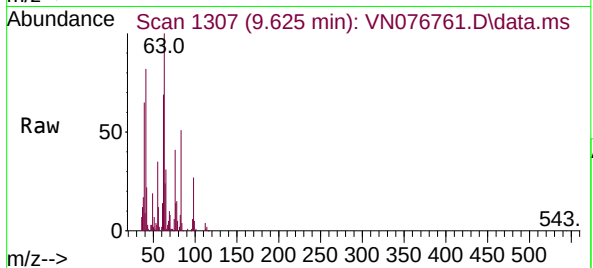
65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 53.545 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

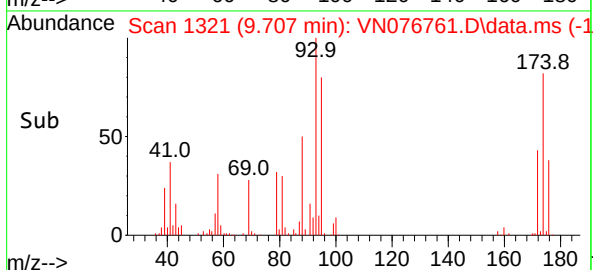
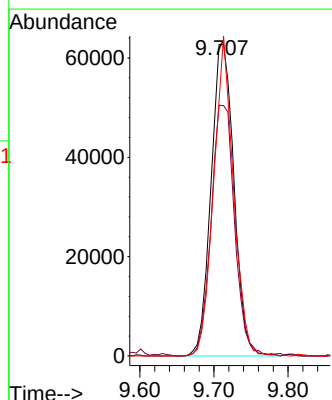
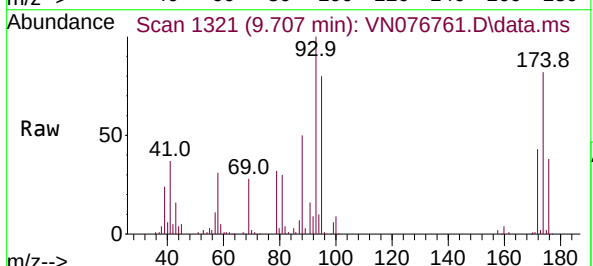
Tgt Ion: 93 Resp: 135050

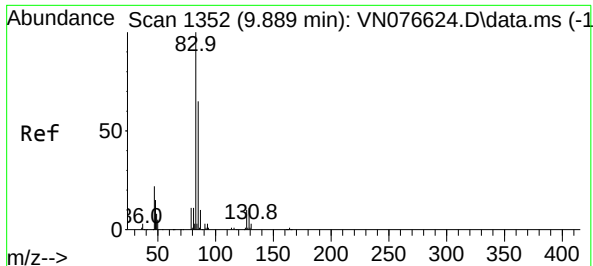
Ion Ratio Lower Upper

93 100

95 82.0 66.0 99.0

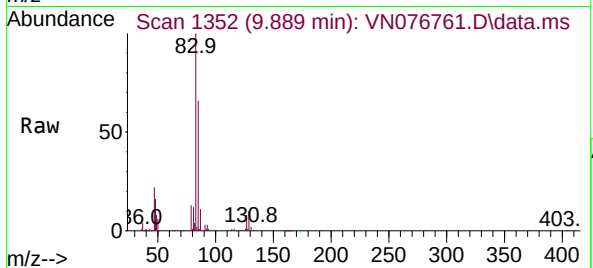
174 88.8 75.8 113.8





#47
Bromodichloromethane
Concen: 54.502 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

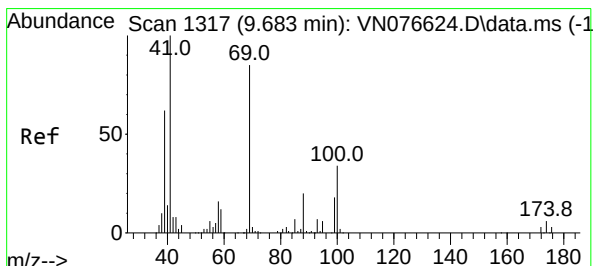
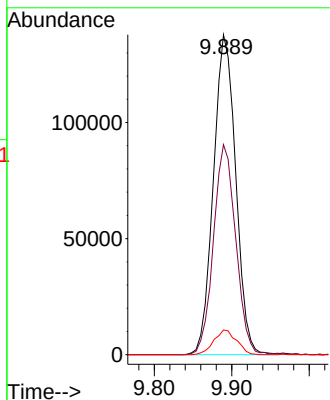
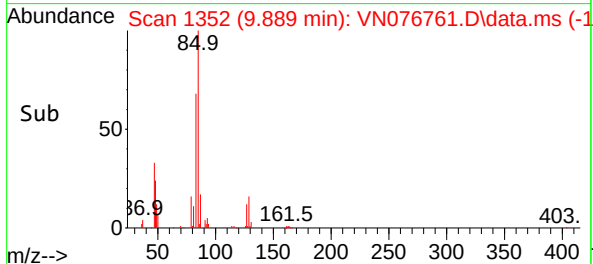
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



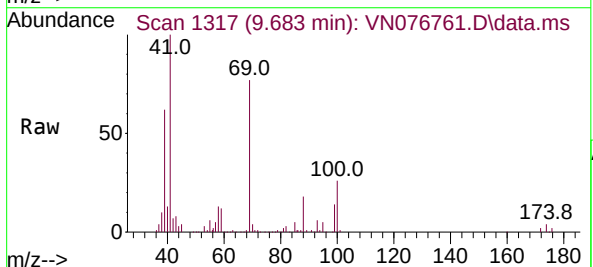
Tgt Ion: 83 Resp: 275602
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6
127 7.7 7.9 11.9

Manual Integrations
APPROVED

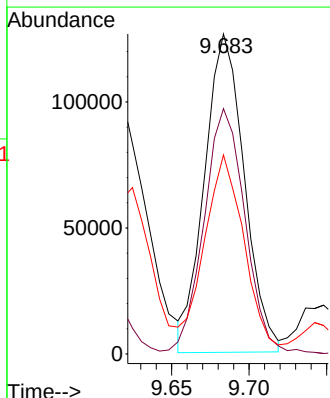
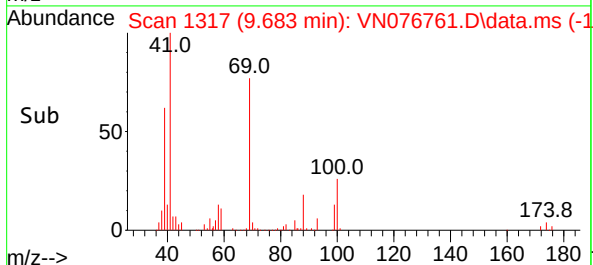
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

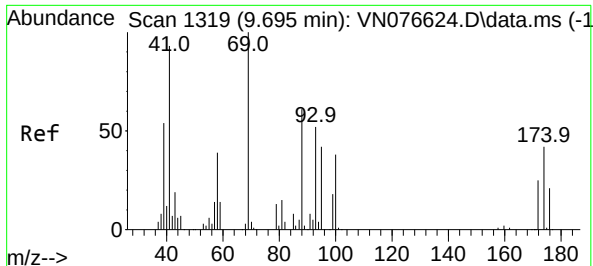


#48
Methyl methacrylate
Concen: 57.266 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 41 Resp: 225781
Ion Ratio Lower Upper
41 100
69 79.7 65.4 98.0
39 62.3 49.3 73.9





#49

1,4-Dioxane

Concen: 1206.214 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8226

Ion Ratio Lower Upper

88 100

43 27.2 22.6 33.8

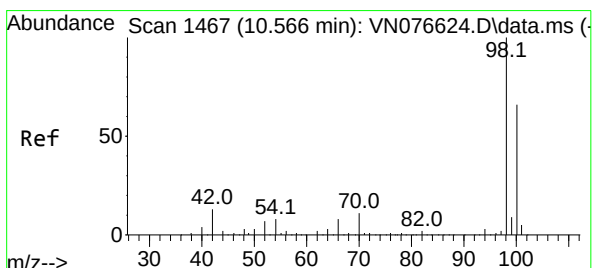
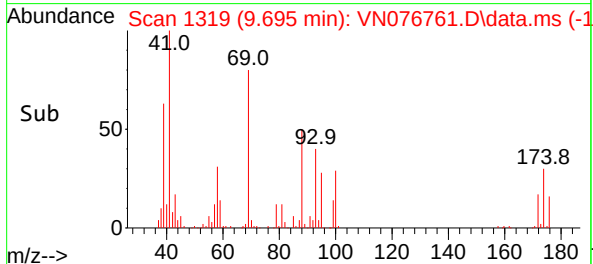
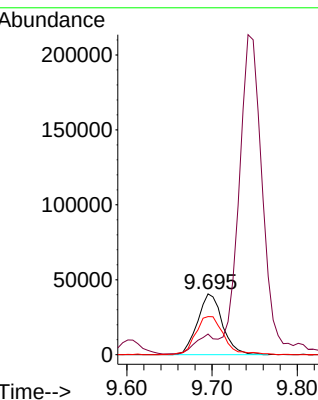
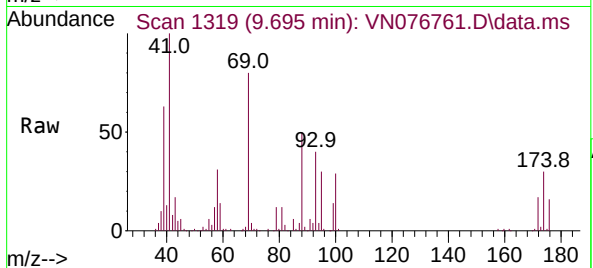
58 70.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 54.478 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076761.D

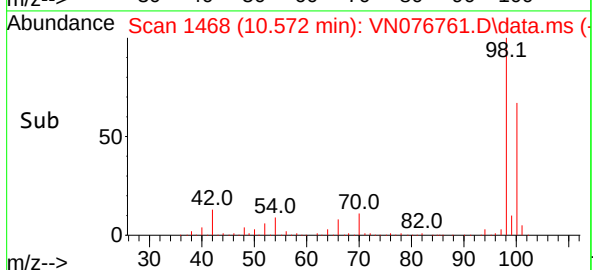
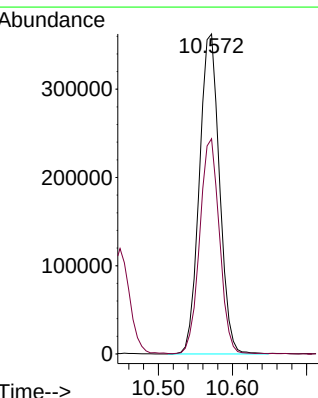
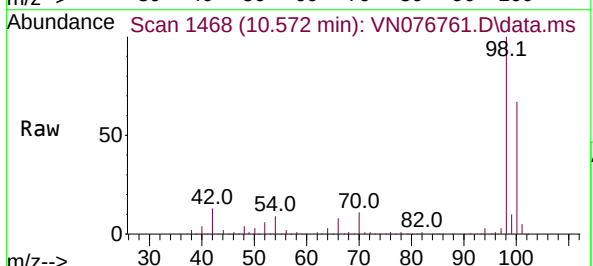
Acq: 21 Feb 2023 19:36

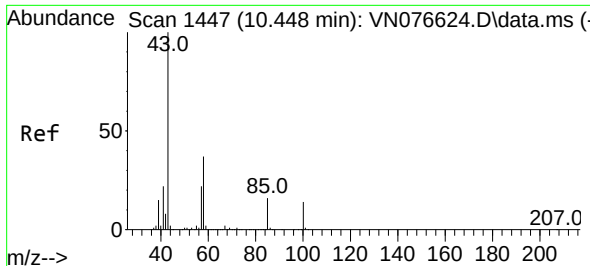
Tgt Ion: 98 Resp: 683367

Ion Ratio Lower Upper

98 100

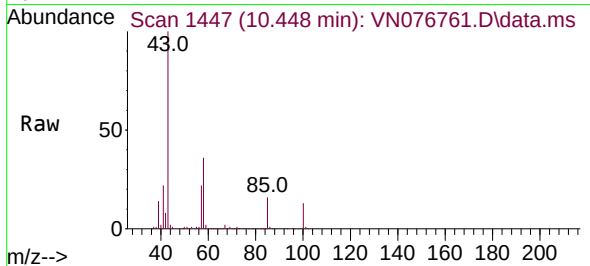
100 66.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 296.321 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

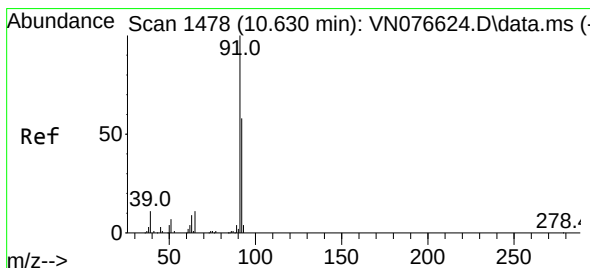
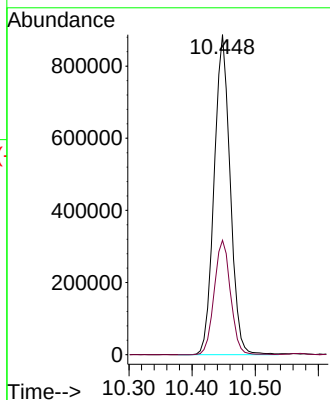
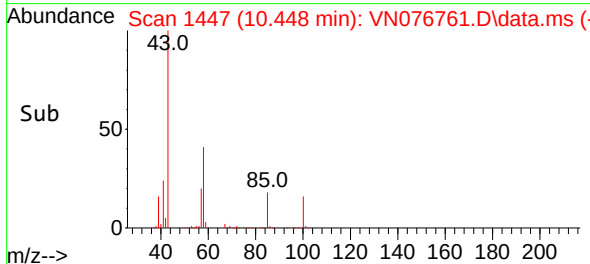
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 156646
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

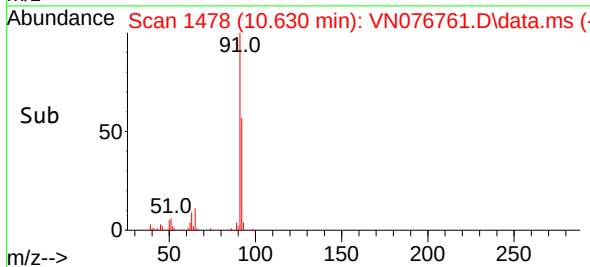
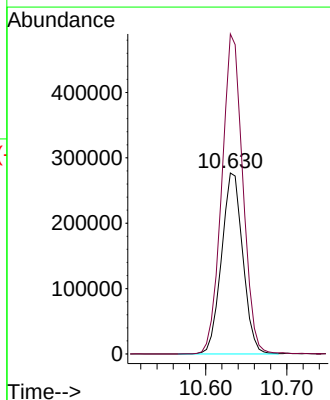
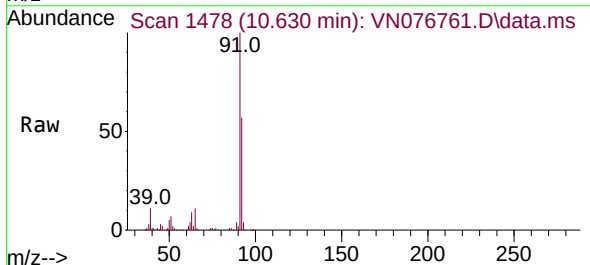
Manual Integrations
APPROVED

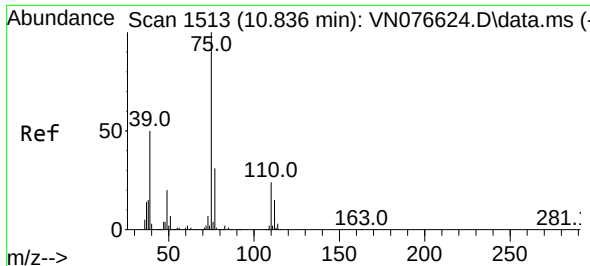
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 56.000 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

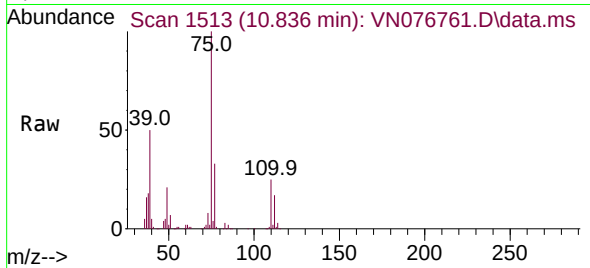
Tgt Ion: 92 Resp: 503875
Ion Ratio Lower Upper
92 100
91 175.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 58.236 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

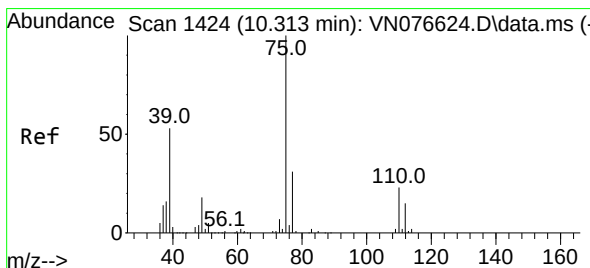
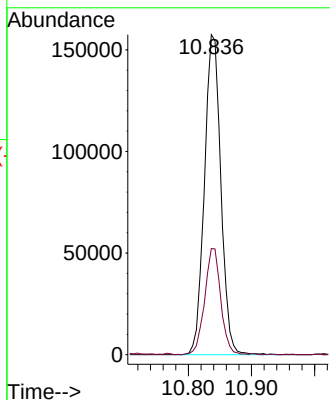
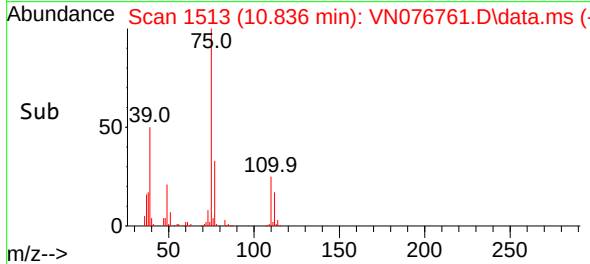
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 284230
Ion Ratio Lower Upper
75 100
77 33.1 24.6 37.0

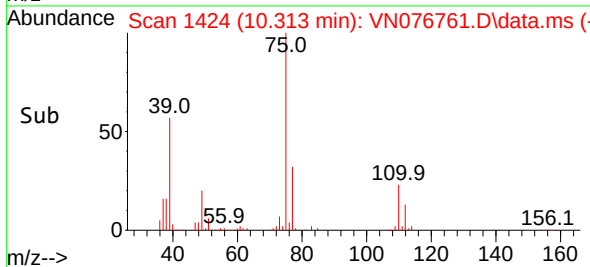
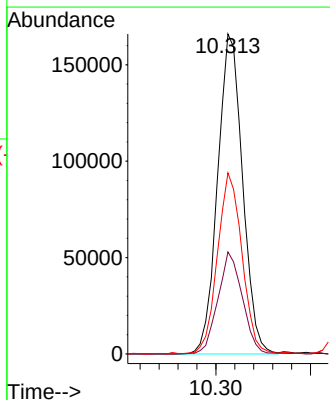
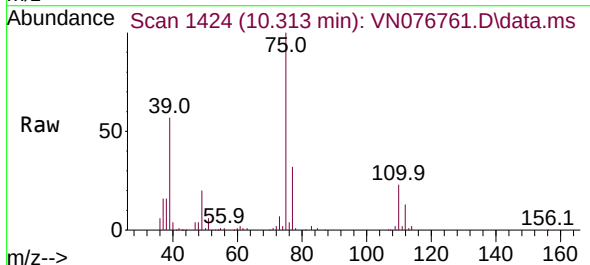
Manual Integrations
APPROVED

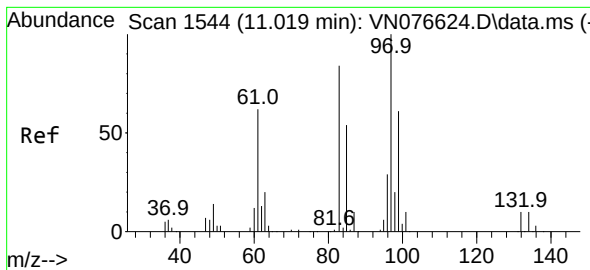
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 53.997 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

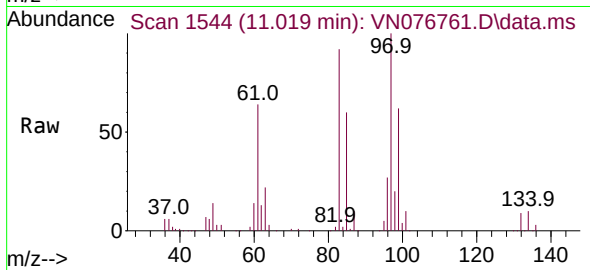
Tgt Ion: 75 Resp: 303992
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 56.4 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 54.951 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

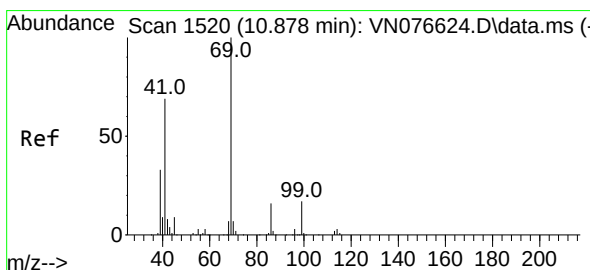
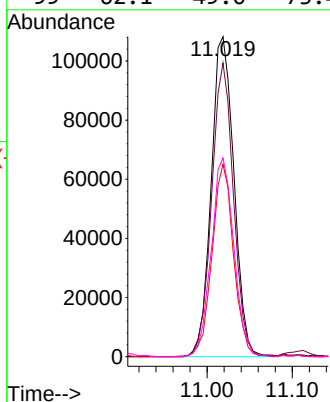
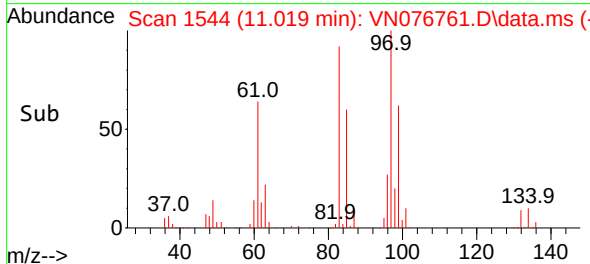
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



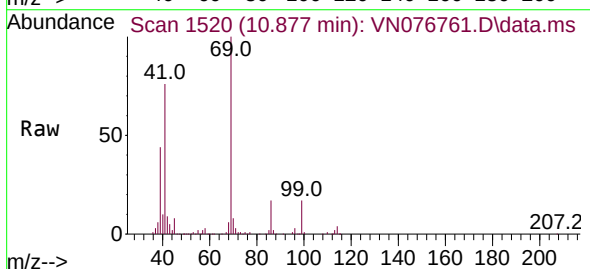
Tgt Ion: 97 Resp: 20105
Ion Ratio Lower Upper
97 100
83 91.6 67.3 100.9
85 60.1 43.2 64.8
99 62.1 49.0 73.4

Manual Integrations
APPROVED

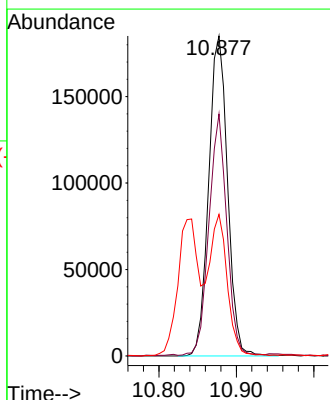
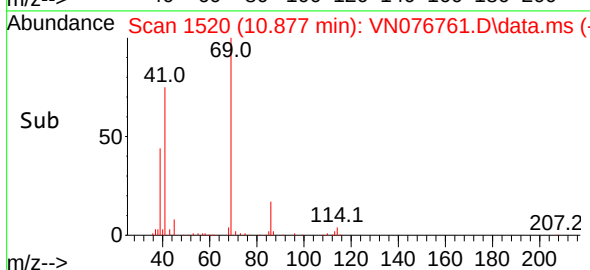
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

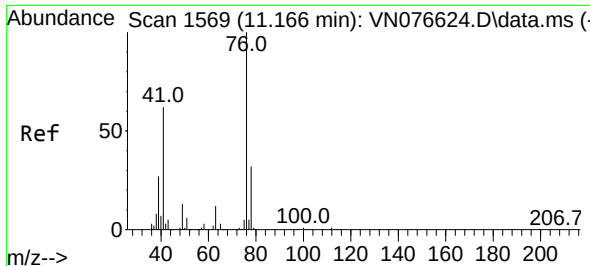


#56
Ethyl methacrylate
Concen: 60.648 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 69 Resp: 312340
Ion Ratio Lower Upper
69 100
41 71.4 55.1 82.7
39 39.1 30.7 46.1





#57

1,3-Dichloropropane

Concen: 54.731 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 34403

Ion Ratio Lower Upper

76 100

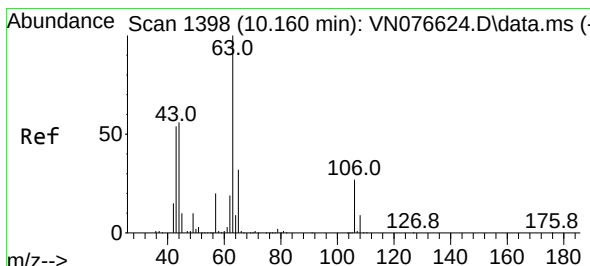
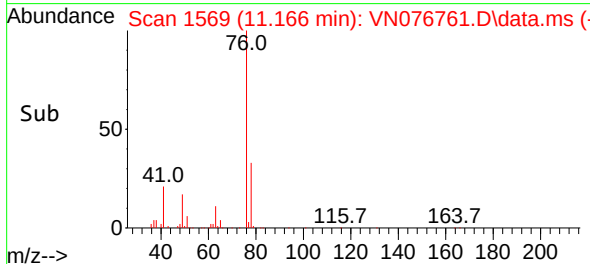
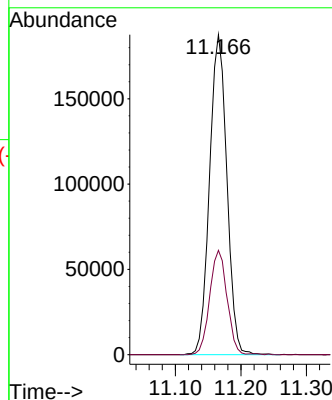
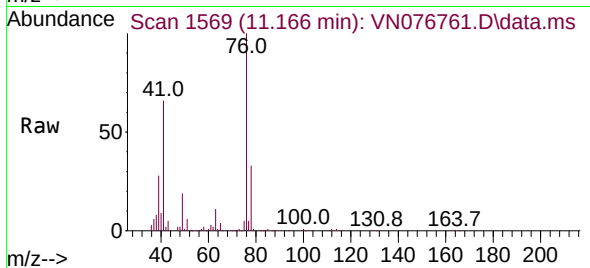
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 282.042 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076761.D

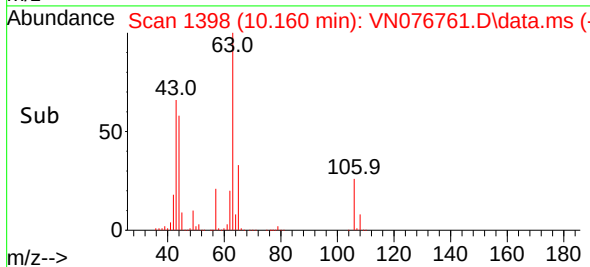
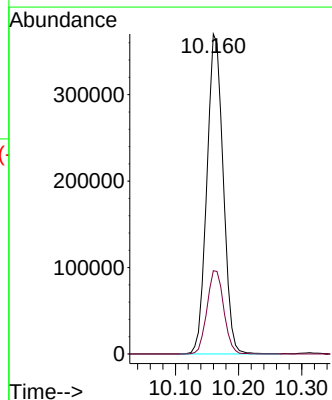
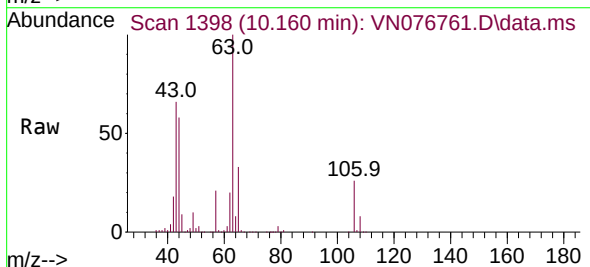
Acq: 21 Feb 2023 19:36

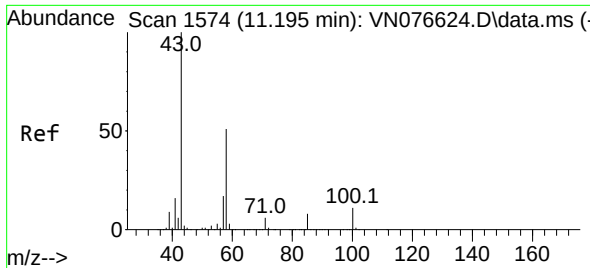
Tgt Ion: 63 Resp: 665220

Ion Ratio Lower Upper

63 100

106 26.7 22.3 33.5





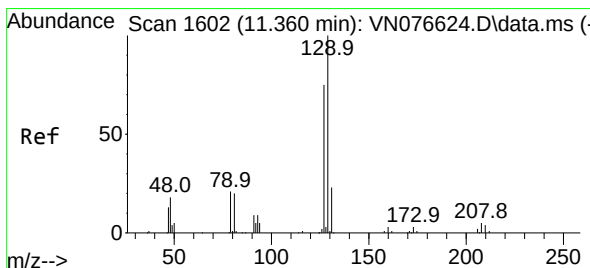
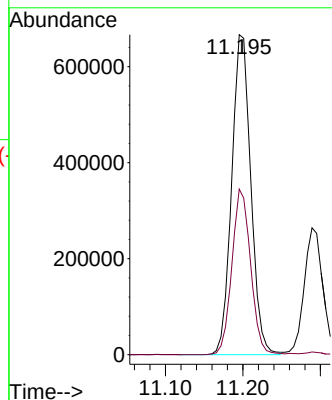
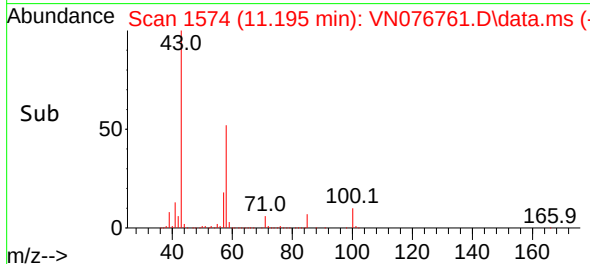
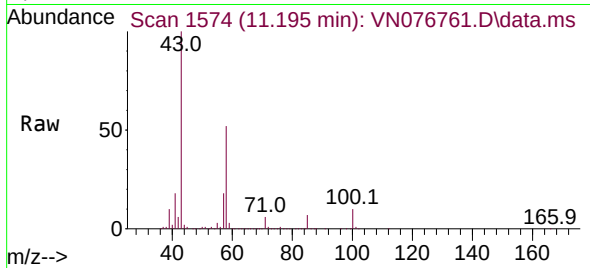
#59
2-Hexanone
Concen: 300.631 ug/l
RT: 11.195 min Scan# 11574
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 114590
Ion Ratio Lower Upper
43 100
58 50.7 25.4 76.0

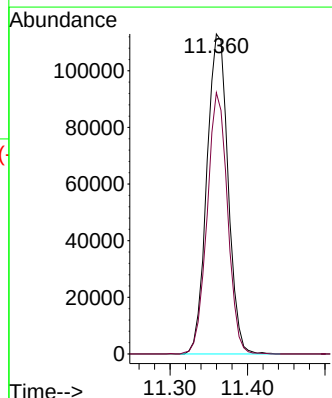
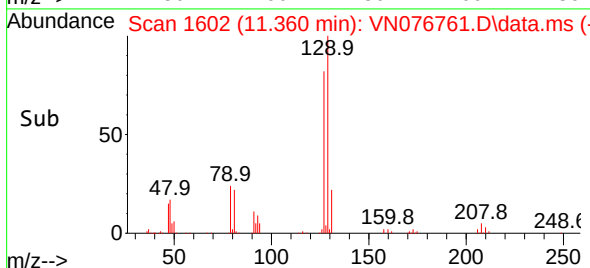
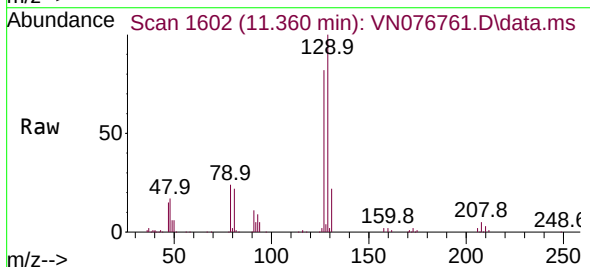
Manual Integrations
APPROVED

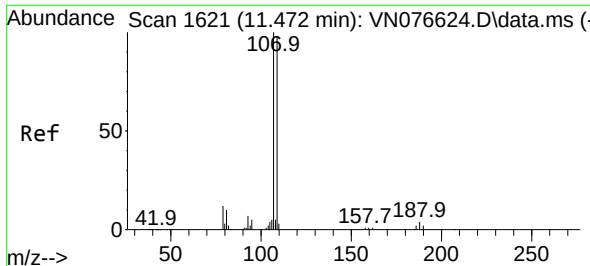
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 55.781 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

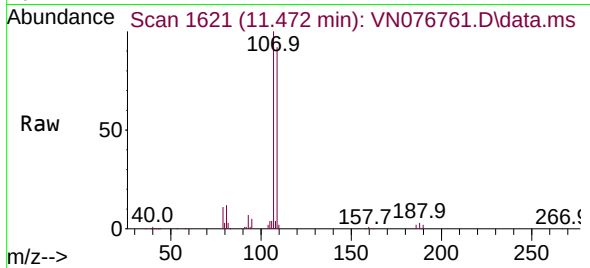
Tgt Ion:129 Resp: 215097
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.899 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

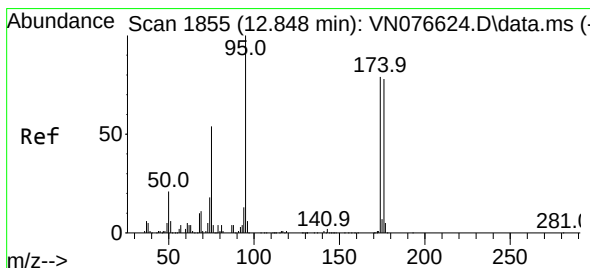
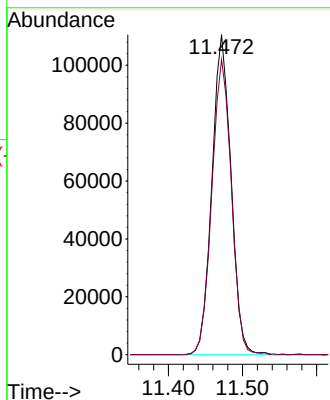
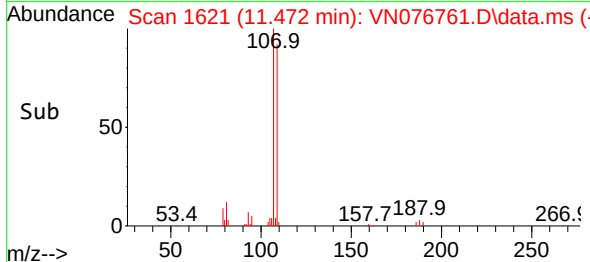
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



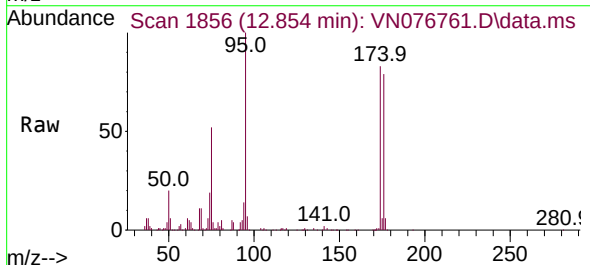
Tgt Ion:107 Resp: 197389
Ion Ratio Lower Upper
107 100
109 94.5 76.8 115.2

Manual Integrations
APPROVED

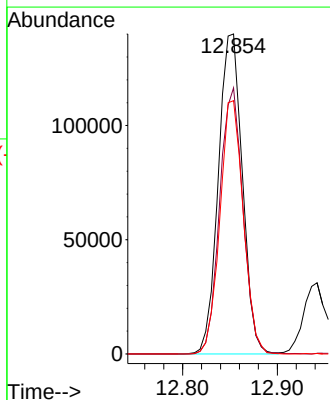
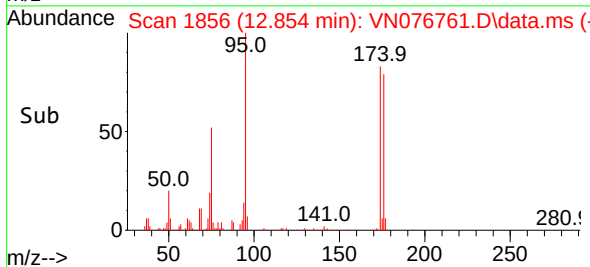
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

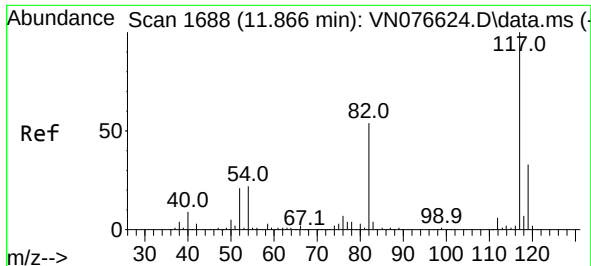


#62
4-Bromofluorobenzene
Concen: 59.519 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



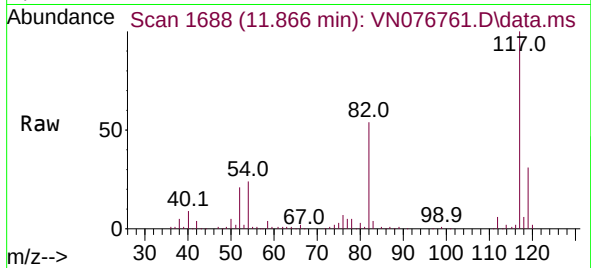
Tgt Ion: 95 Resp: 247276
Ion Ratio Lower Upper
95 100
174 80.5 0.0 169.2
176 77.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

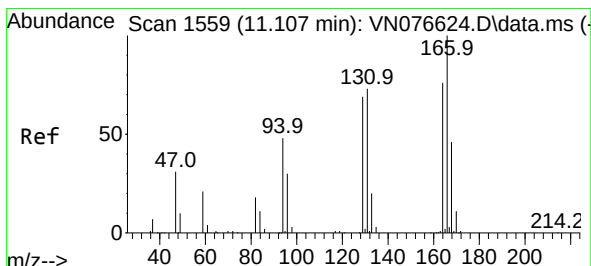
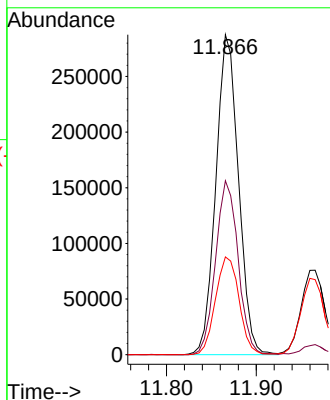
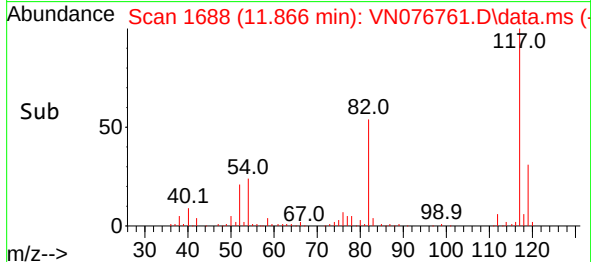
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 503692
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.2
119 30.5 26.1 39.1

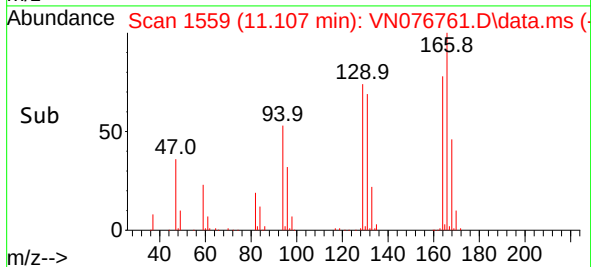
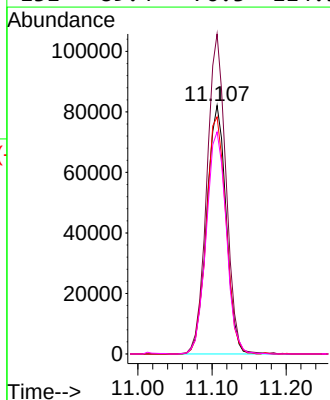
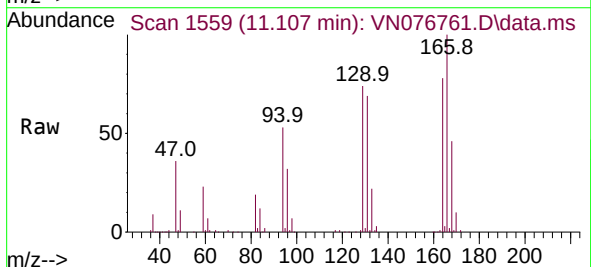
Manual Integrations
APPROVED

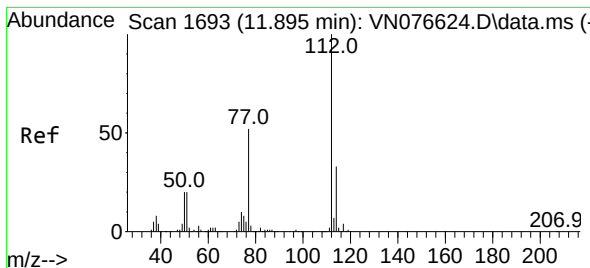
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 47.150 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

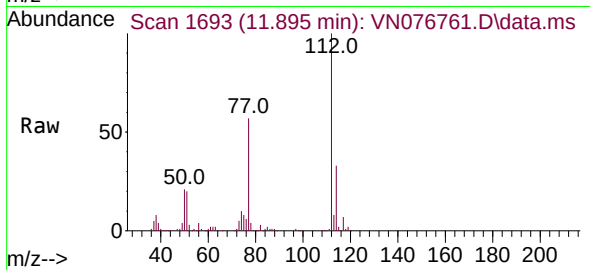
Tgt Ion:164 Resp: 149665
Ion Ratio Lower Upper
164 100
166 128.8 104.8 157.2
129 95.4 72.2 108.2
131 89.4 76.3 114.5





#65
Chlorobenzene
Concen: 50.432 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

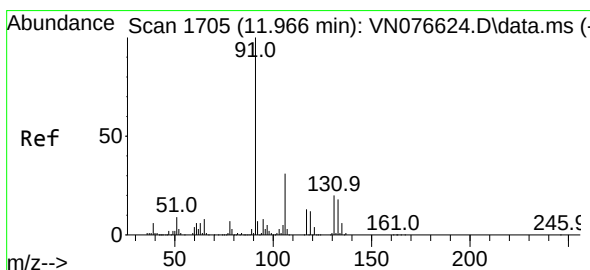
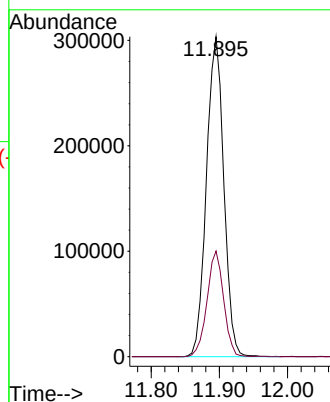
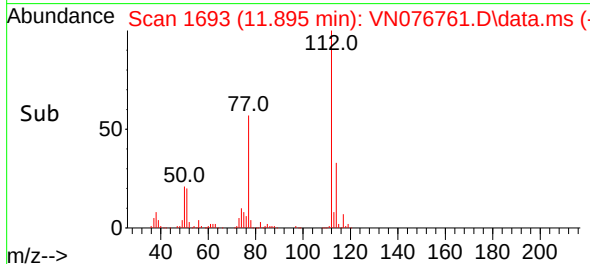
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



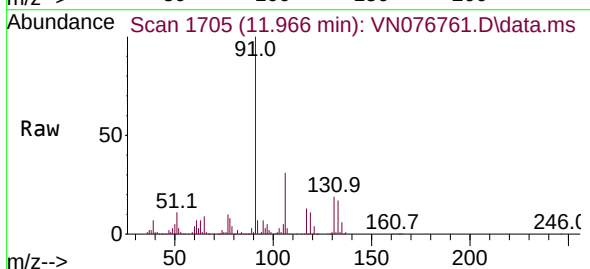
Tgt Ion:112 Resp: 53834
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6

Manual Integrations
APPROVED

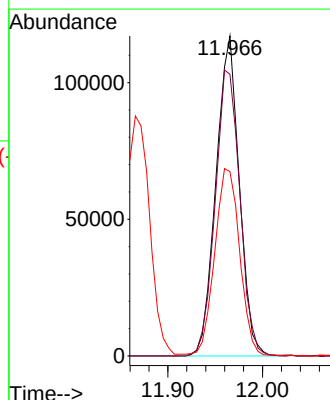
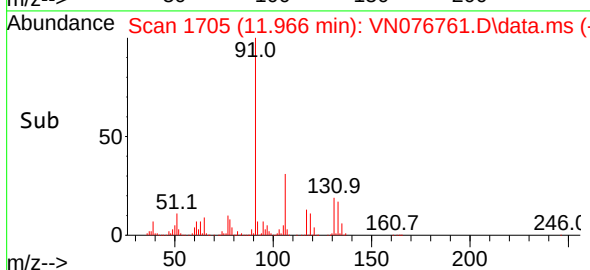
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

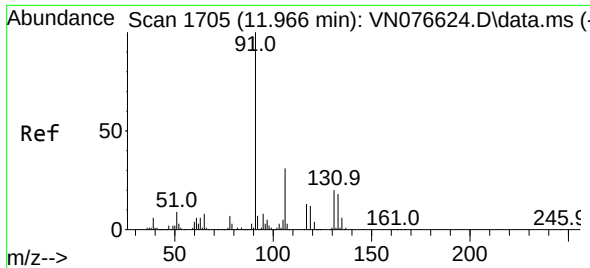


#66
1,1,1,2-Tetrachloroethane
Concen: 51.678 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



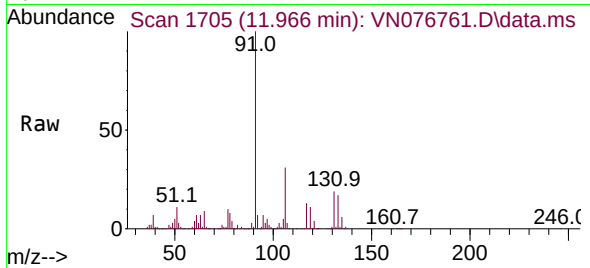
Tgt Ion:131 Resp: 200372
Ion Ratio Lower Upper
131 100
133 94.6 47.0 141.0
119 63.0 32.3 96.8





#67
Ethyl Benzene
Concen: 54.503 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

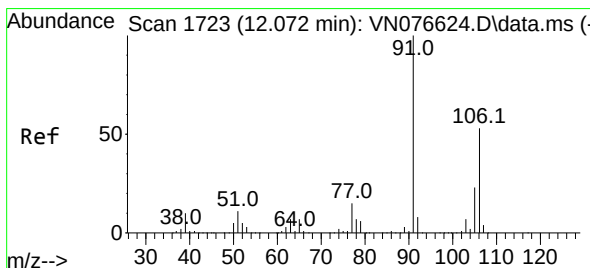
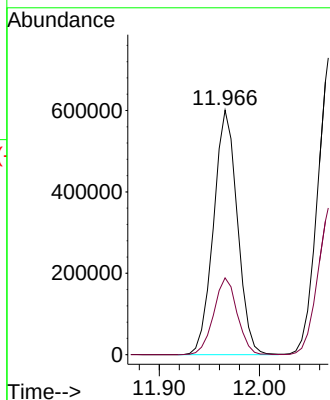
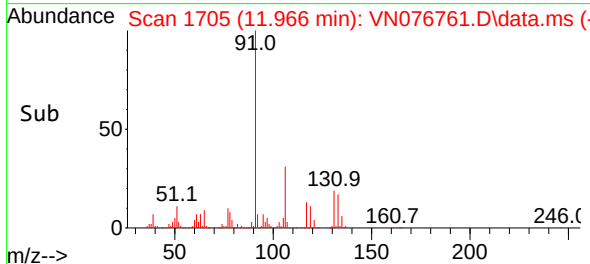
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



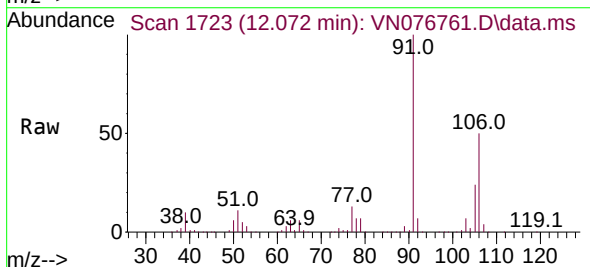
Tgt Ion: 91 Resp: 99118
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

Manual Integrations
APPROVED

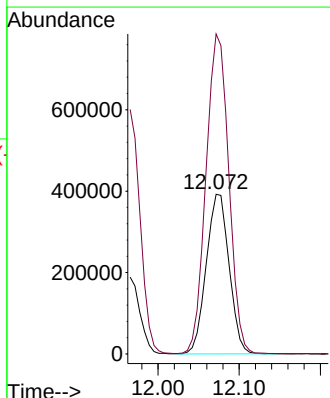
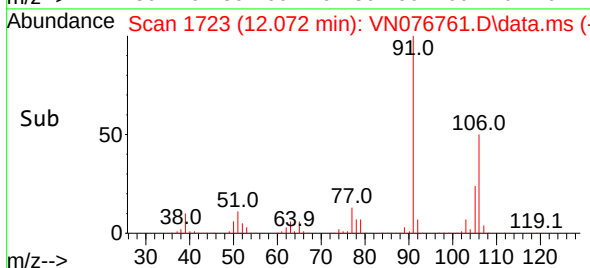
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

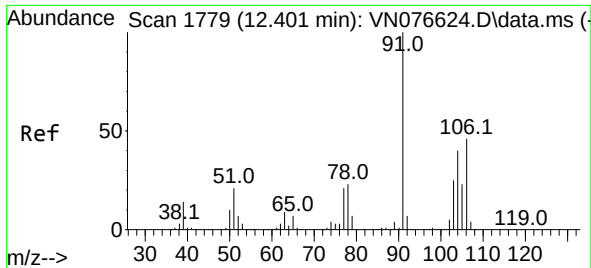


#68
m/p-Xylenes
Concen: 109.329 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion:106 Resp: 766387
Ion Ratio Lower Upper
106 100
91 200.2 154.7 232.1





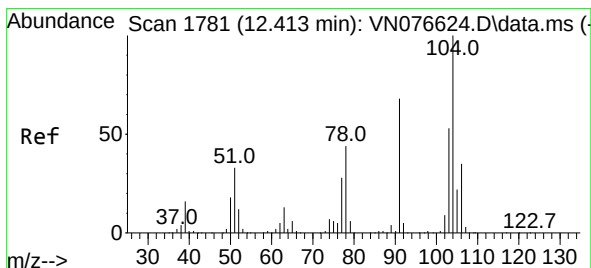
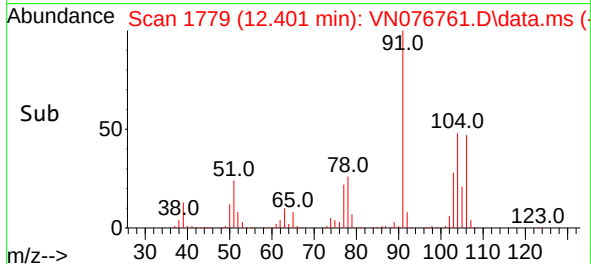
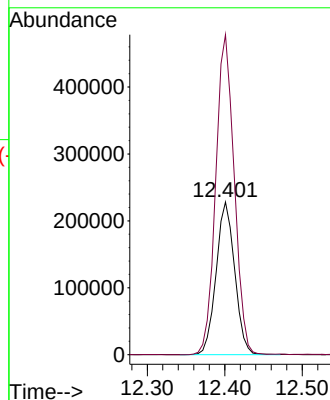
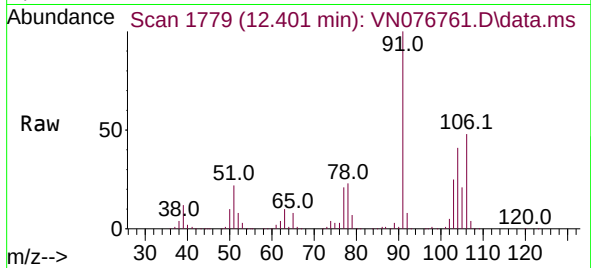
#69
o-Xylene
Concen: 55.529 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 37963
Ion Ratio Lower Upper
106 100
91 208.9 105.8 317.4

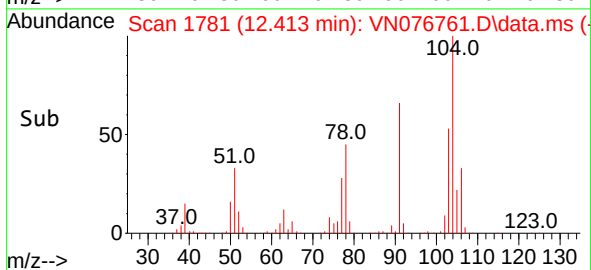
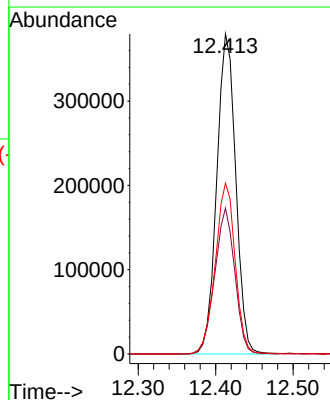
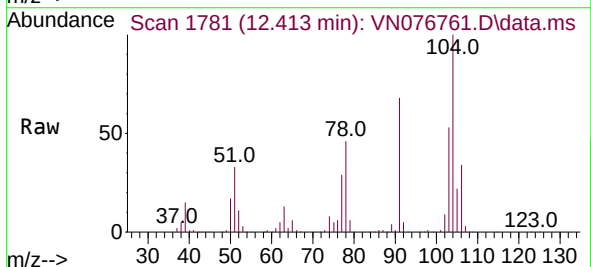
Manual Integrations
APPROVED

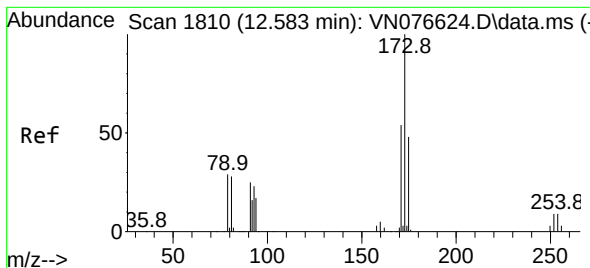
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 58.494 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Tgt Ion:104 Resp: 646669
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 55.8 44.2 66.4





#71

Bromoform

Concen: 54.051 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 153720

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.7

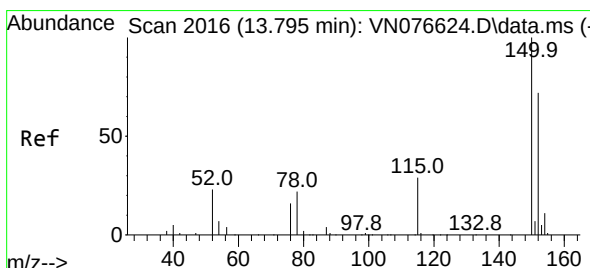
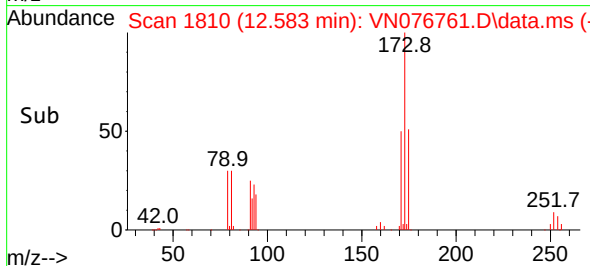
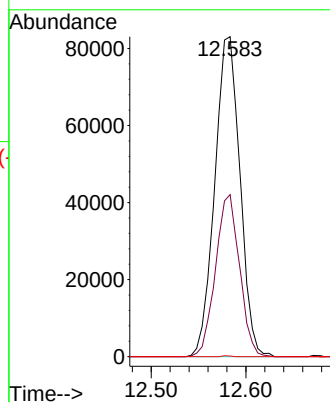
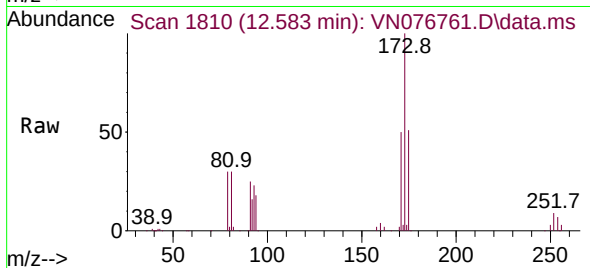
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

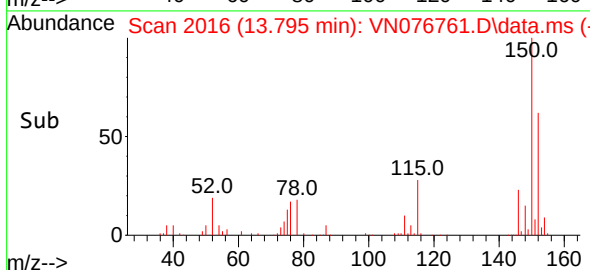
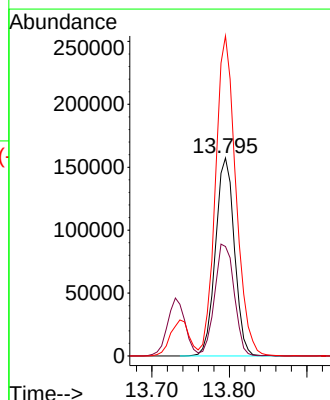
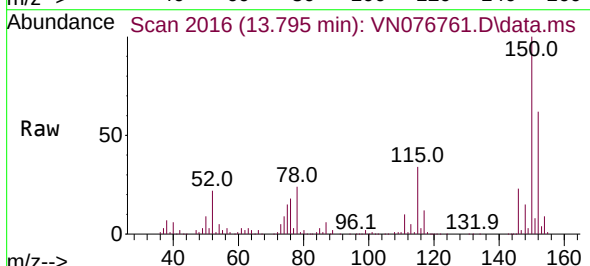
Tgt Ion:152 Resp: 266896

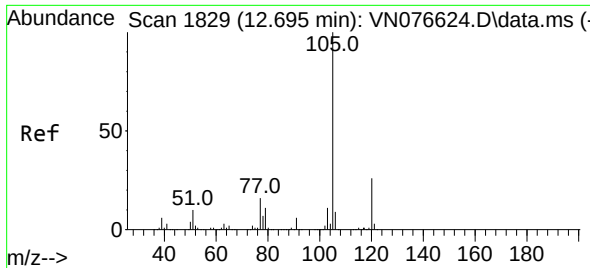
Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.9

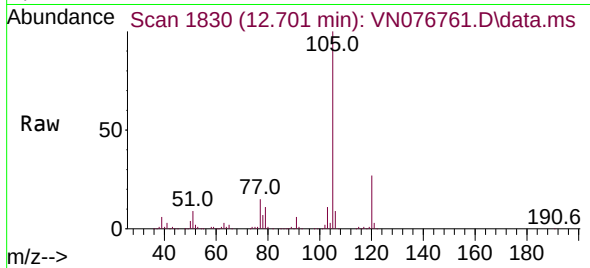
150 173.9 0.0 349.8





#73
Isopropylbenzene
Concen: 51.665 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

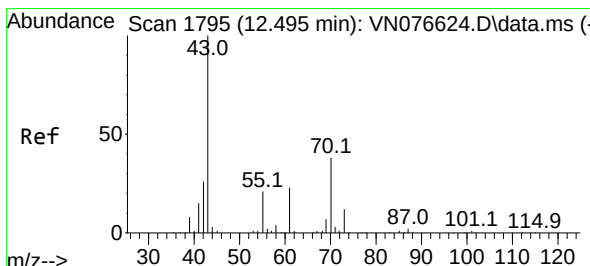
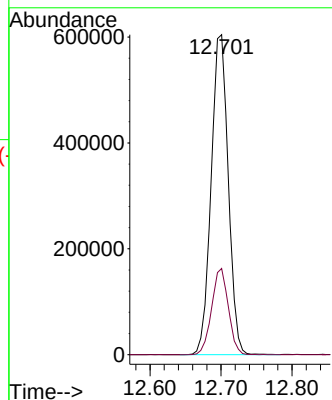
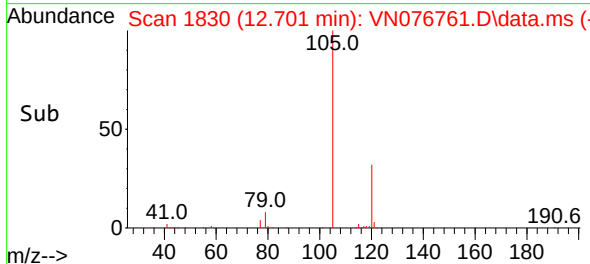
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1010699
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0

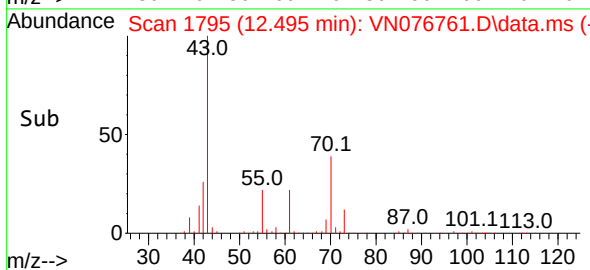
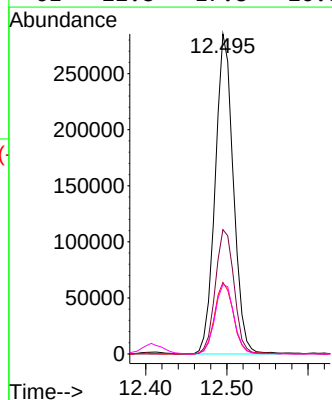
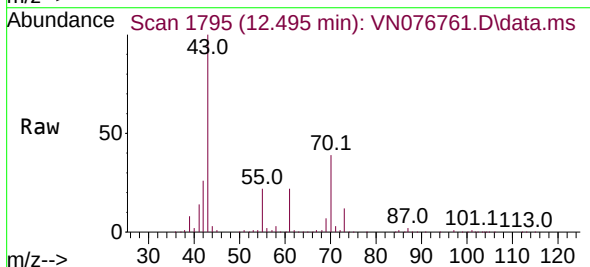
Manual Integrations
APPROVED

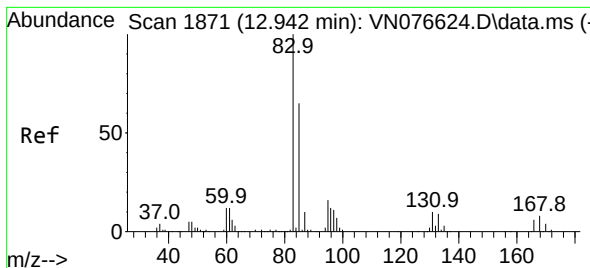
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 50.472 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

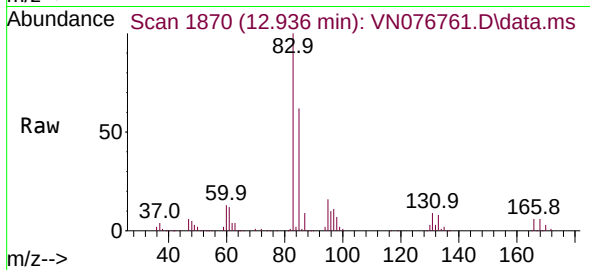
Tgt Ion: 43 Resp: 445047
Ion Ratio Lower Upper
43 100
70 40.1 30.5 45.7
55 23.1 17.8 26.8
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.860 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

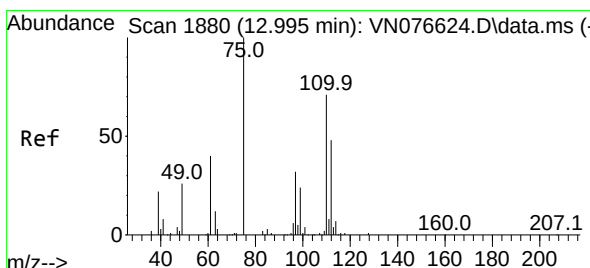
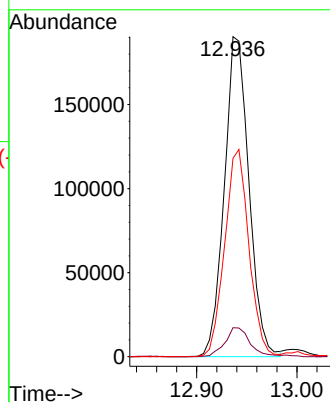
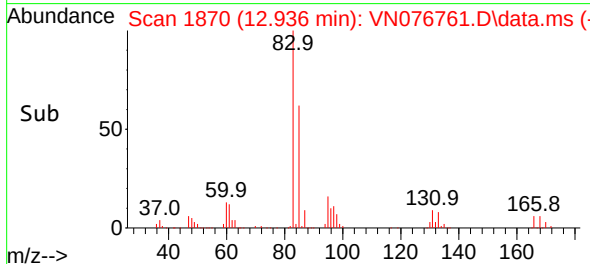
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



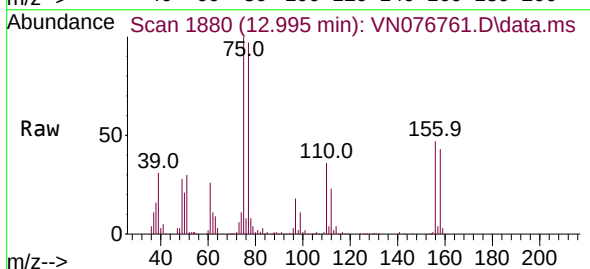
Tgt Ion: 83 Resp: 32474
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.8 31.8 95.3

Manual Integrations
APPROVED

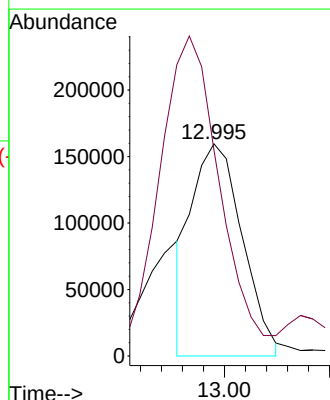
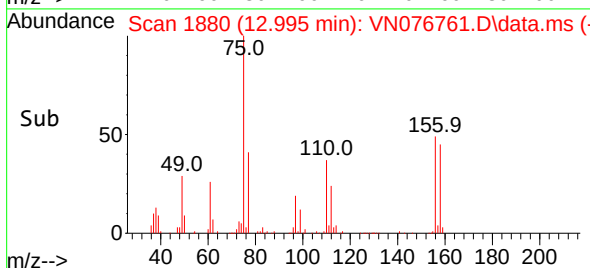
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

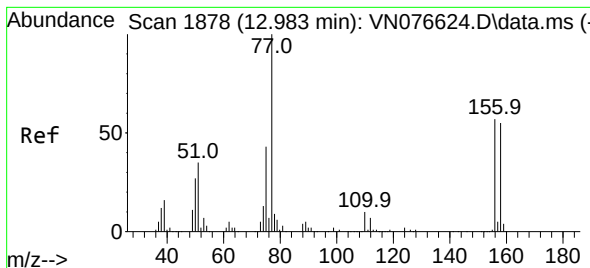


#76
1,2,3-Trichloropropane
Concen: 49.542 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 75 Resp: 267323
Ion Ratio Lower Upper
75 100
77 182.0 93.1 279.3





#77

Bromobenzene

Concen: 46.914 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076761.D

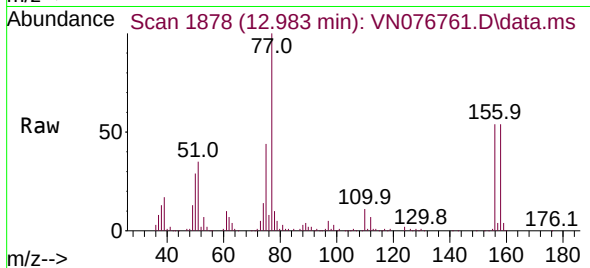
Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 228970

Ion Ratio Lower Upper

156 100

77 212.4 102.8 308.4

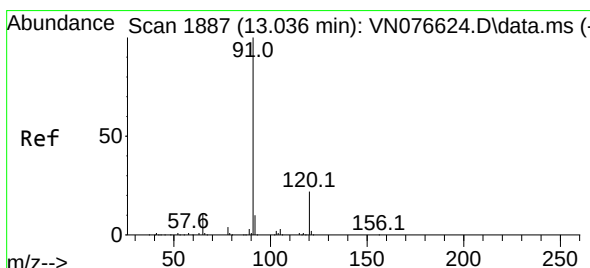
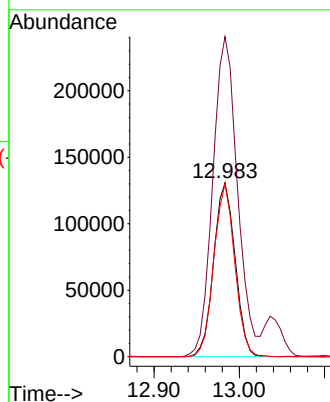
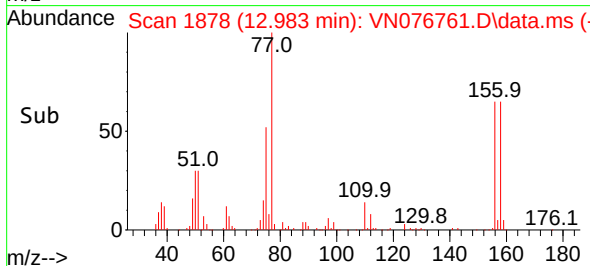
158 96.4 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#78

n-propylbenzene

Concen: 51.771 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076761.D

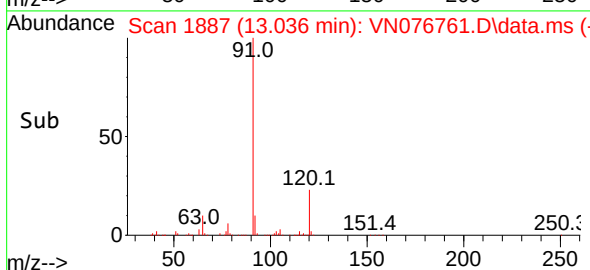
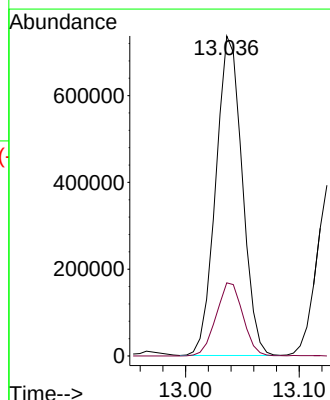
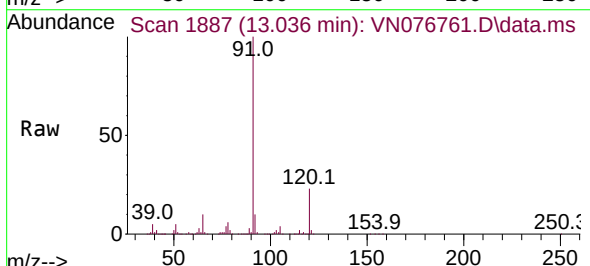
Acq: 21 Feb 2023 19:36

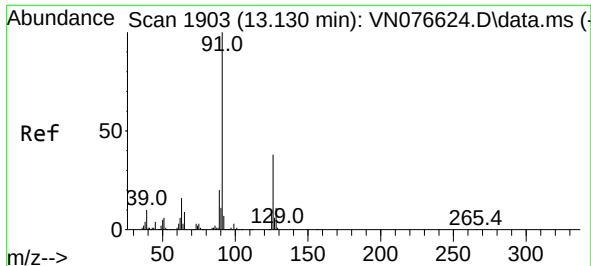
Tgt Ion: 91 Resp: 1189255

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.5





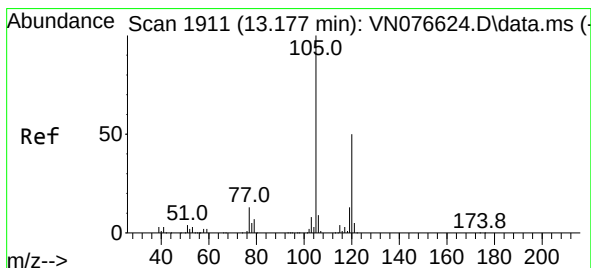
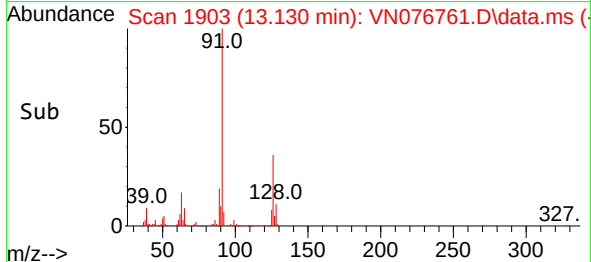
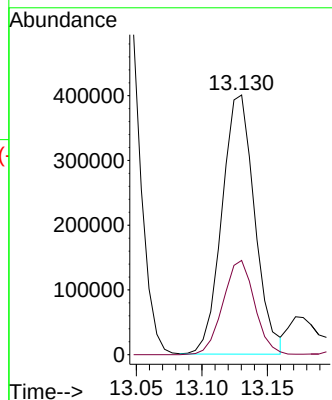
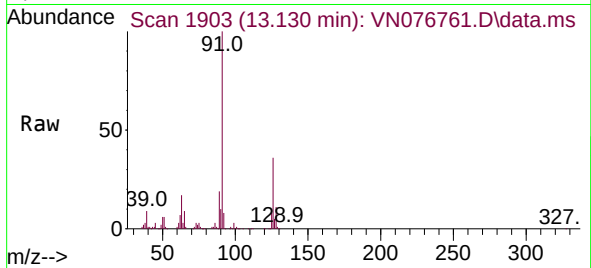
#79
2-Chlorotoluene
Concen: 49.426 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 69518
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1

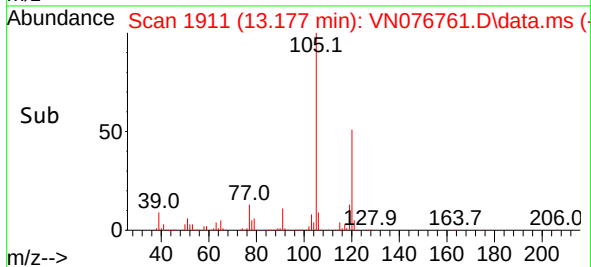
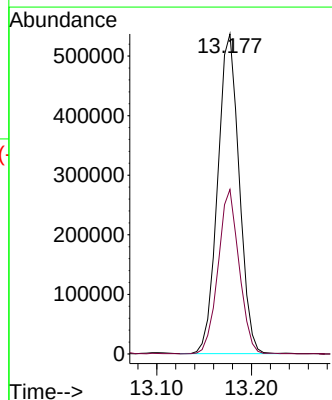
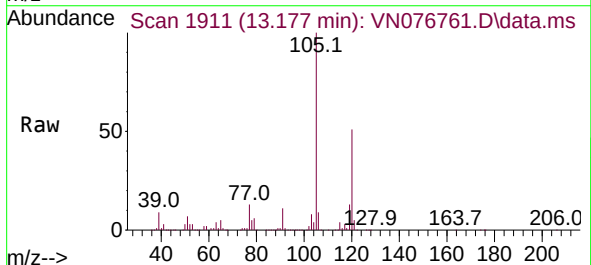
Manual Integrations
APPROVED

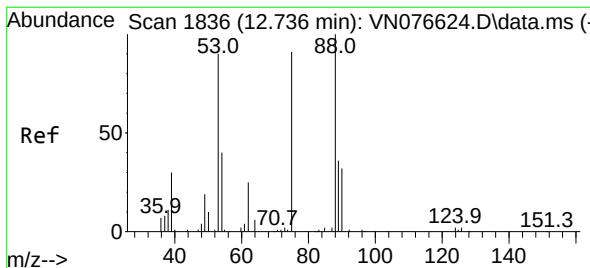
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.386 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

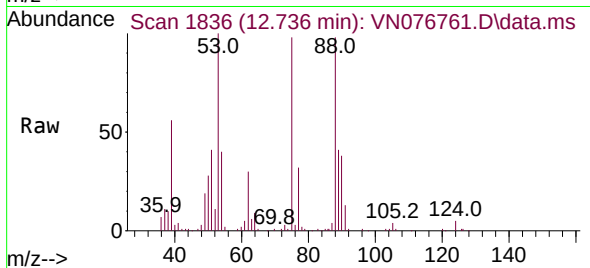
Tgt Ion:105 Resp: 846930
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.766 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

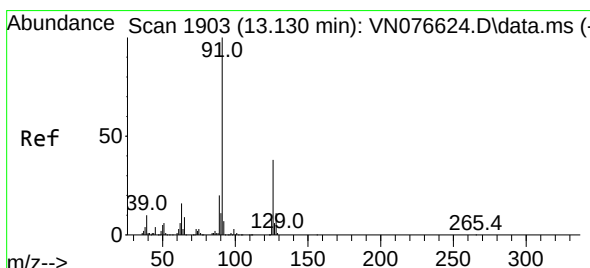
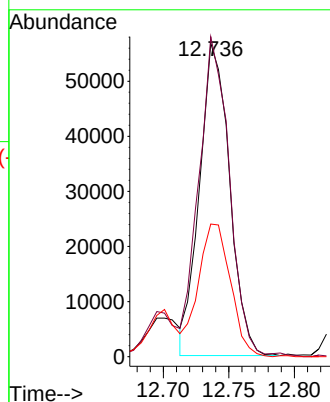
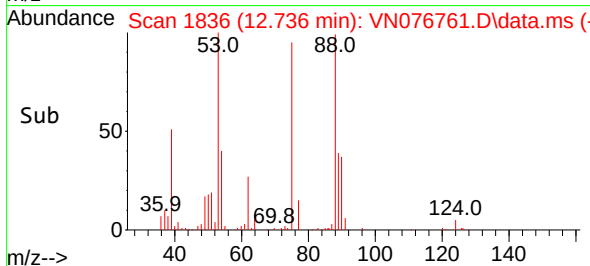
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



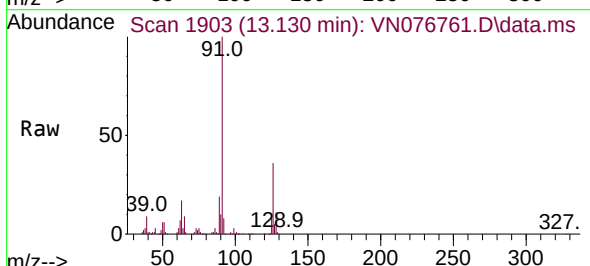
Tgt Ion: 75 Resp: 90345
Ion Ratio Lower Upper
75 100
53 104.6 92.1 138.1
89 45.8 37.5 56.3

Manual Integrations
APPROVED

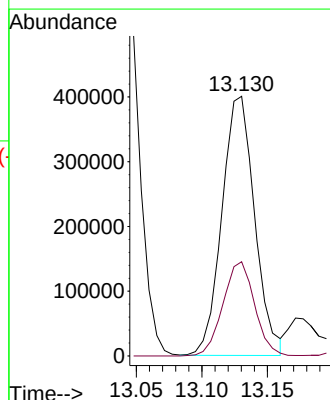
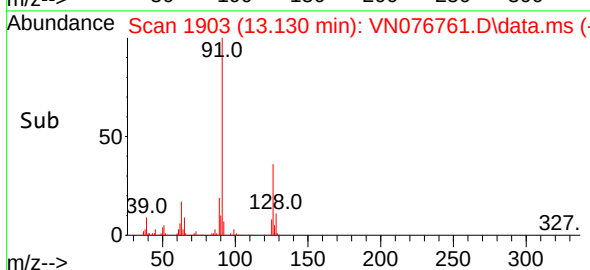
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

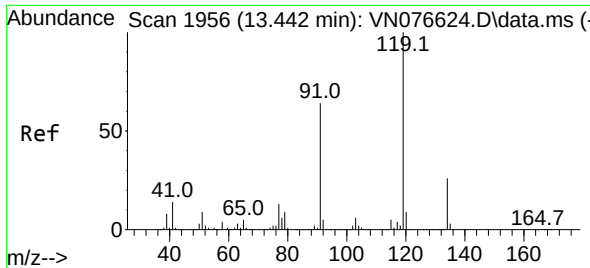


#82
4-Chlorotoluene
Concen: 49.426 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion: 91 Resp: 695182
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





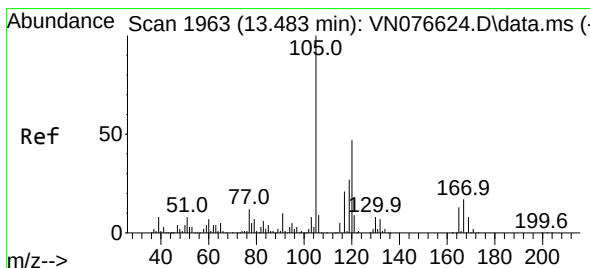
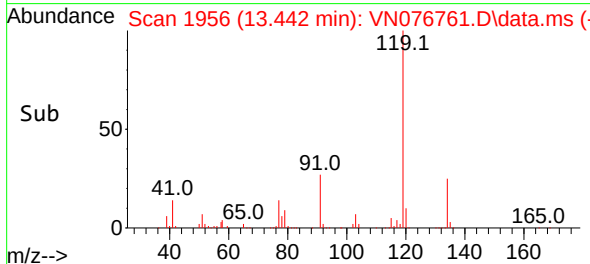
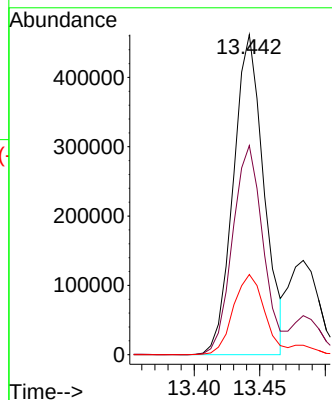
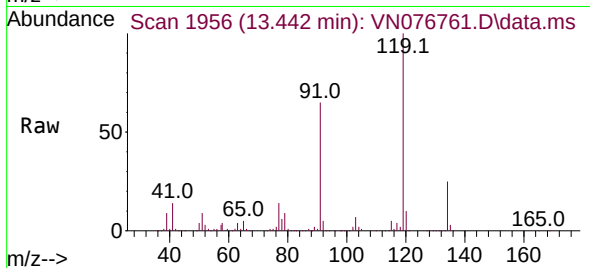
#83
tert-Butylbenzene
Concen: 51.143 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 747989
Ion Ratio Lower Upper
119 100
91 66.6 32.0 96.2
134 25.7 13.8 41.4

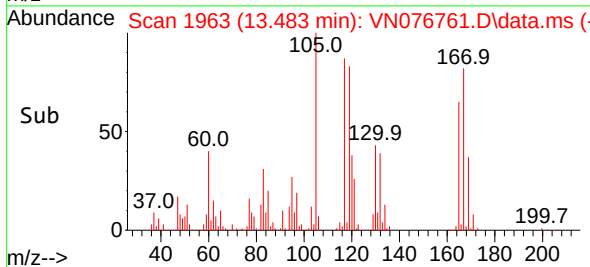
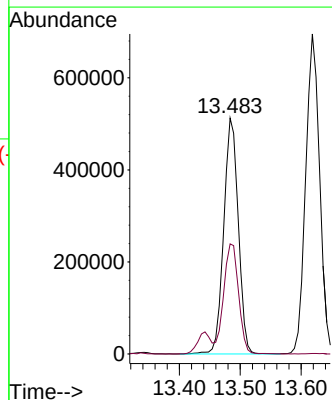
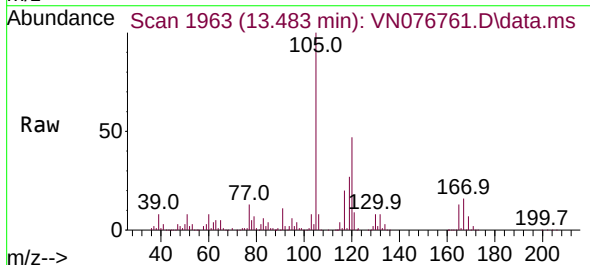
Manual Integrations
APPROVED

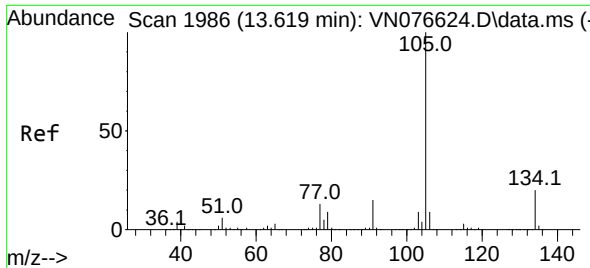
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.790 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

Tgt Ion:105 Resp: 850584
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





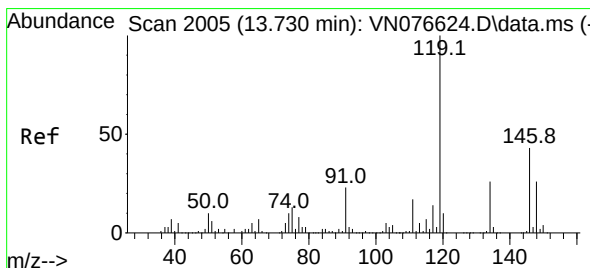
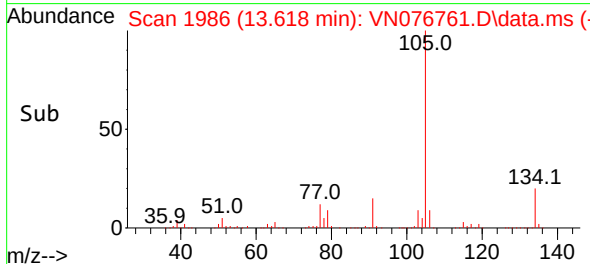
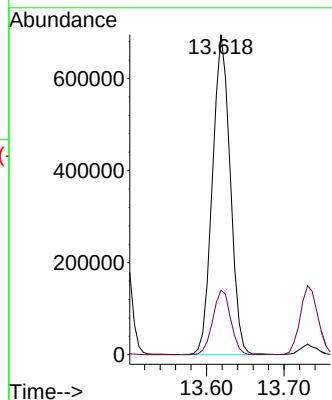
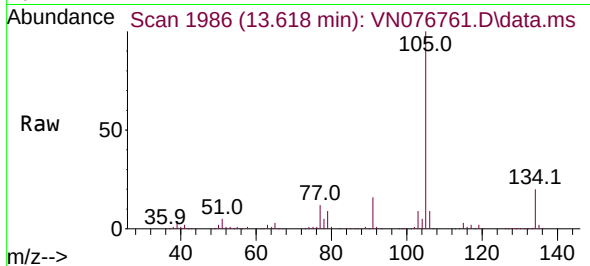
#85
 sec-Butylbenzene
 Concen: 54.189 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 110651
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5

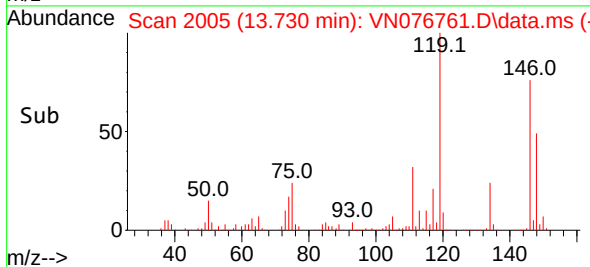
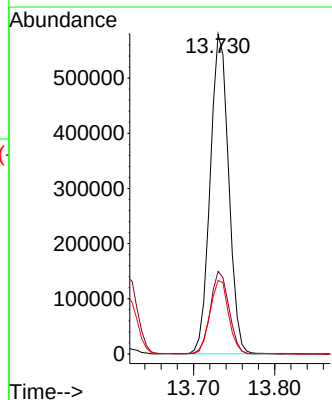
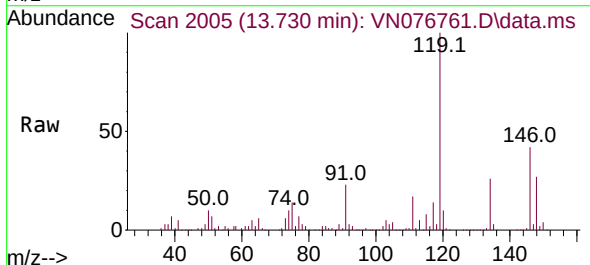
Manual Integrations
 APPROVED

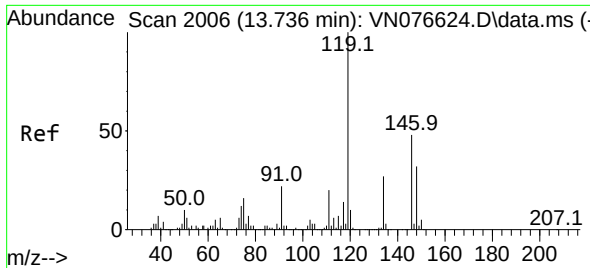
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#86
 p-Isopropyltoluene
 Concen: 56.052 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

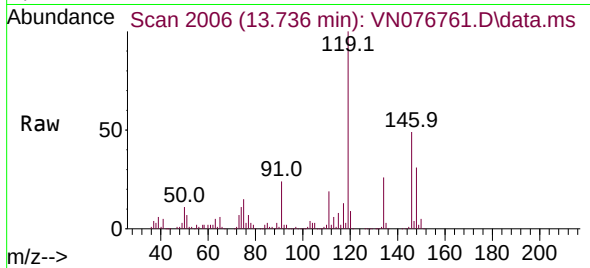
Tgt Ion:119 Resp: 913952
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.1
 91 23.3 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 49.619 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36

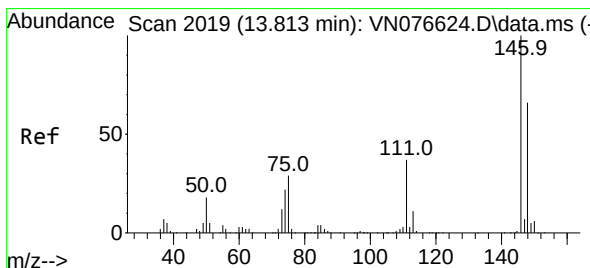
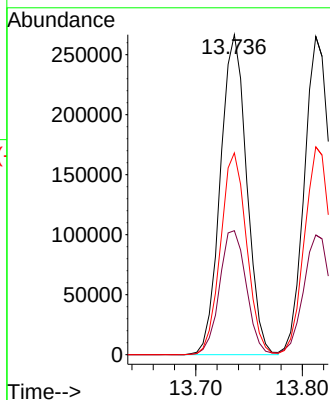
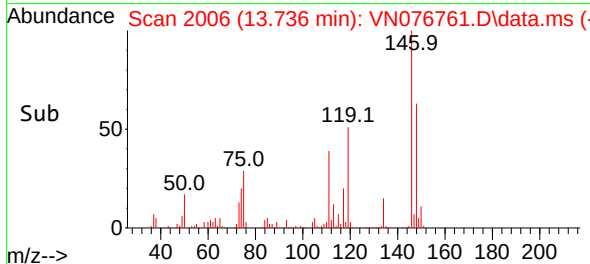
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



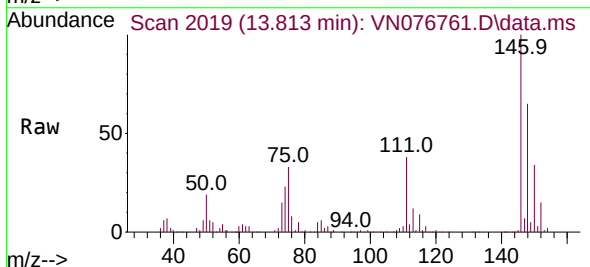
Tgt Ion:146 Resp: 457790
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.4
 148 62.4 32.0 96.2

Manual Integrations
 APPROVED

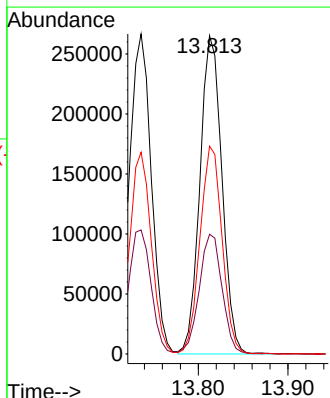
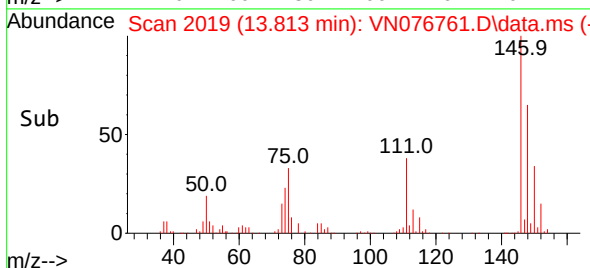
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

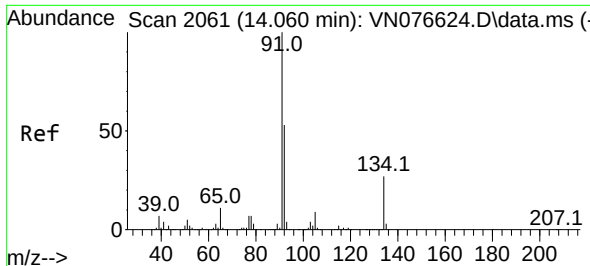


#88
 1,4-Dichlorobenzene
 Concen: 49.233 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076761.D
 Acq: 21 Feb 2023 19:36



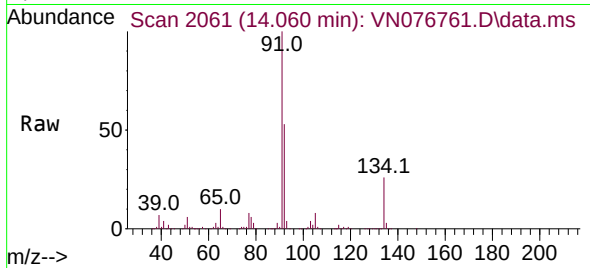
Tgt Ion:146 Resp: 452336
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.1
 148 65.4 32.7 98.1





#89
n-Butylbenzene
Concen: 54.547 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

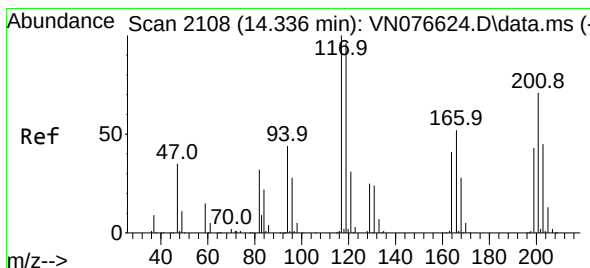
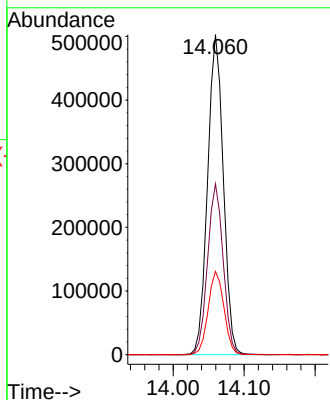
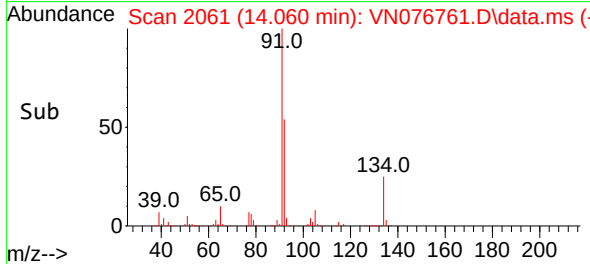
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 773570
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 26.1 13.2 39.5

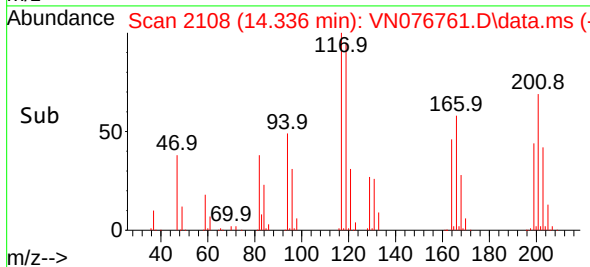
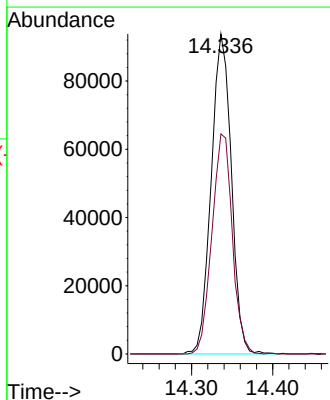
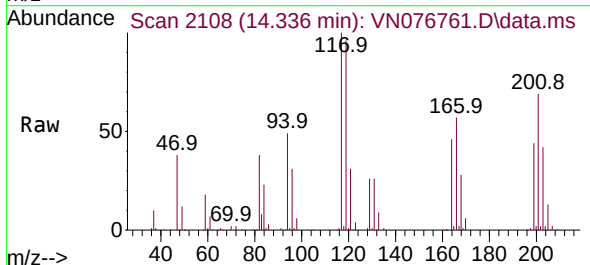
Manual Integrations
APPROVED

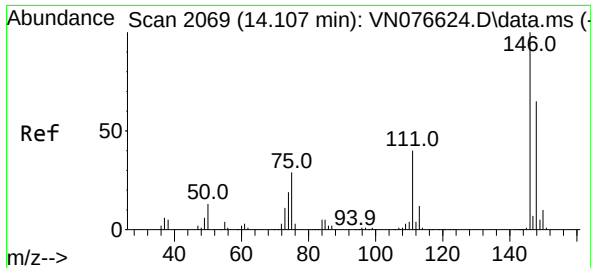
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 47.301 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

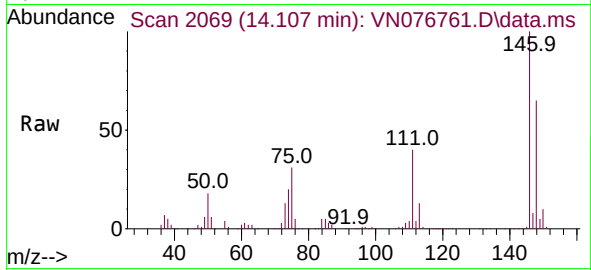
Tgt Ion:117 Resp: 161490
Ion Ratio Lower Upper
117 100
201 69.8 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 49.212 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

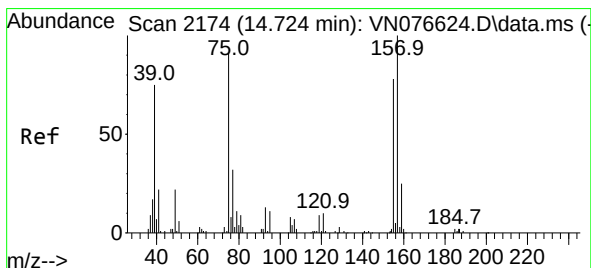
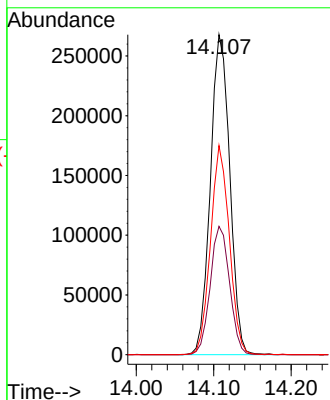
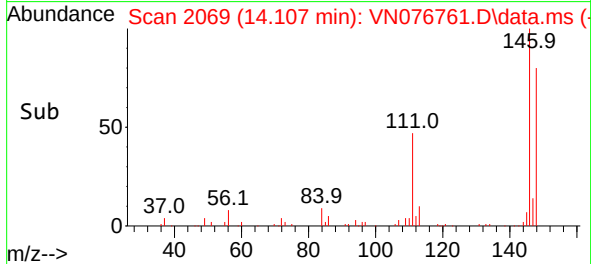
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



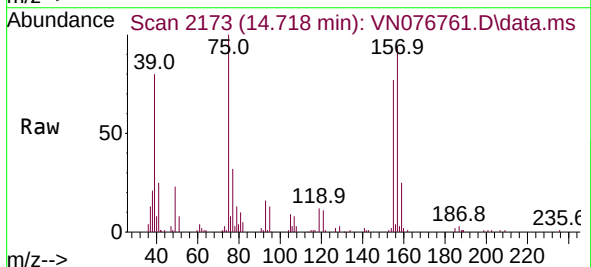
Tgt Ion:146 Resp: 46547
Ion Ratio Lower Upper
146 100
111 40.1 20.0 59.9
148 63.5 32.4 97.2

Manual Integrations
APPROVED

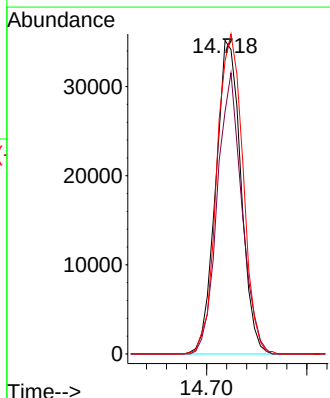
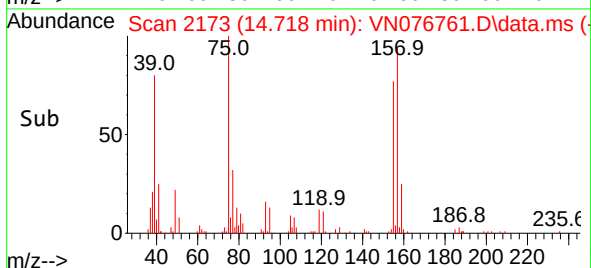
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

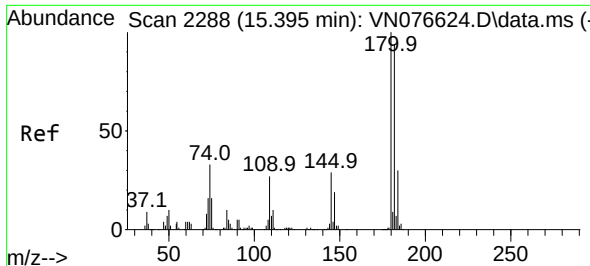


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.573 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



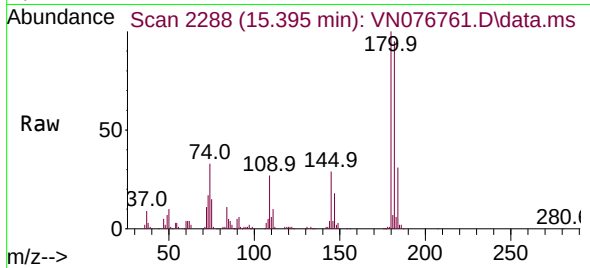
Tgt Ion: 75 Resp: 61150
Ion Ratio Lower Upper
75 100
155 87.1 43.4 130.2
157 105.9 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 50.308 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36

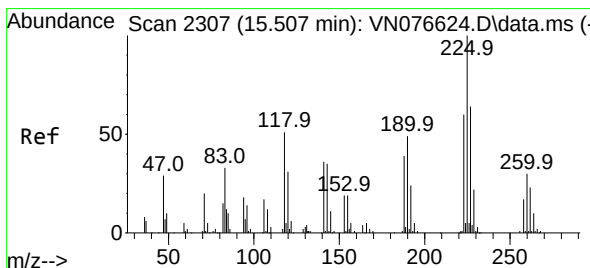
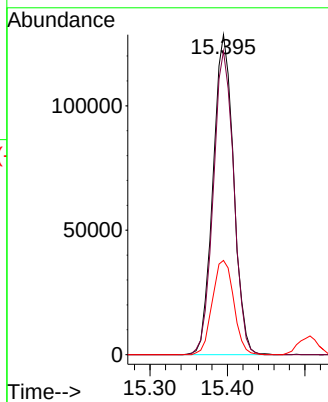
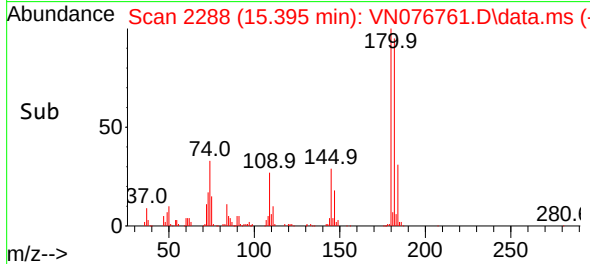
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



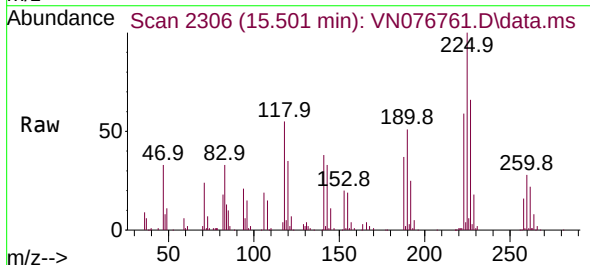
Tgt Ion:180 Resp: 237358
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.0
145 30.6 15.2 45.6

Manual Integrations
APPROVED

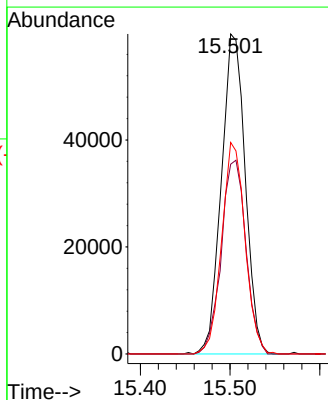
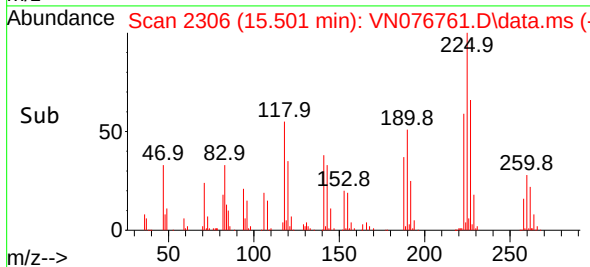
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

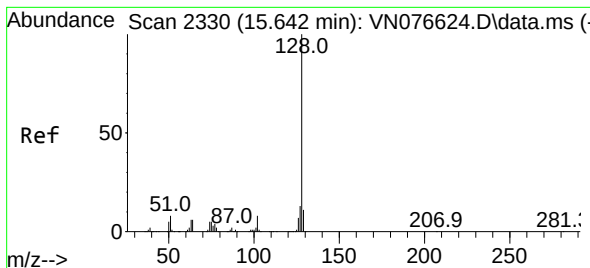


#94
Hexachlorobutadiene
Concen: 47.654 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076761.D
Acq: 21 Feb 2023 19:36



Tgt Ion:225 Resp: 110196
Ion Ratio Lower Upper
225 100
223 62.6 31.6 95.0
227 64.6 31.3 93.9





#95

Naphthalene

Concen: 55.191 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 790190

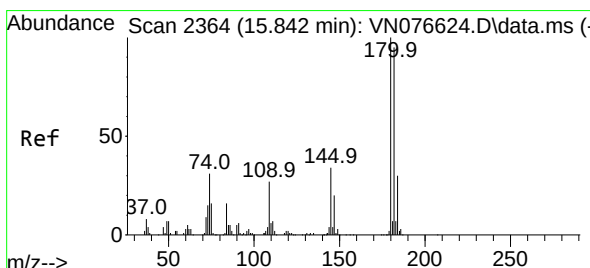
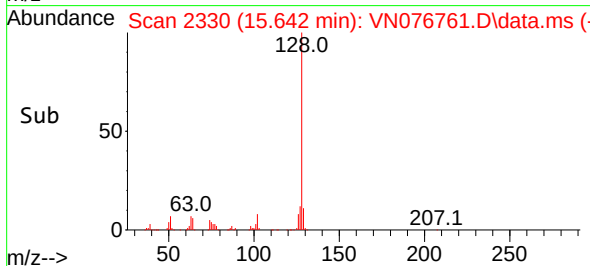
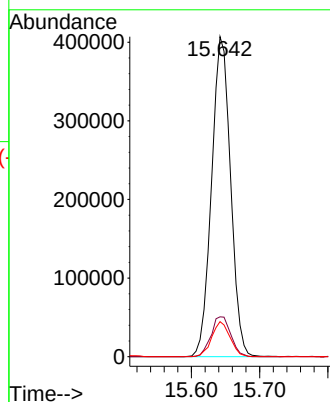
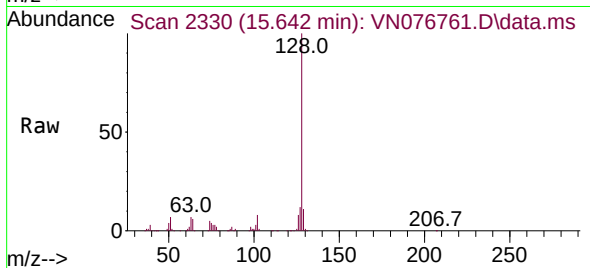
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.6	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.501 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076761.D

Acq: 21 Feb 2023 19:36

Tgt Ion:180 Resp: 235412

Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.7	140.1
145	33.1	16.0	47.9

