

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076727.D
 Acq On : 16 Feb 2023 21:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 17 00:20:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	382979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	684076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	316681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	265591	50.222	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.440%			
35) Dibromofluoromethane	8.172	113	212059	47.336	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	10.572	98	840811	50.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.854	95	285209	51.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	172648	42.455	ug/l	96
3) Chloromethane	2.378	50	213934	40.322	ug/l	96
4) Vinyl Chloride	2.525	62	233953	44.804	ug/l	98
5) Bromomethane	2.943	94	138455	43.761	ug/l	96
6) Chloroethane	3.119	64	166302	50.395	ug/l	98
7) Trichlorofluoromethane	3.501	101	290360	40.869	ug/l	93
8) Diethyl Ether	3.972	74	124303	45.404	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	170051	40.735	ug/l	98
10) Methyl Iodide	4.601	142	240718	46.693	ug/l	96
11) Tert butyl alcohol	5.537	59	175708	251.713	ug/l	100
12) 1,1-Dichloroethene	4.348	96	166043	42.004	ug/l	90
13) Acrolein	4.190	56	261892	249.900	ug/l	99
14) Allyl chloride	5.031	41	307490	44.893	ug/l	99
15) Acrylonitrile	5.731	53	599382	241.947	ug/l	100
16) Acetone	4.442	43	480196	203.279	ug/l	94
17) Carbon Disulfide	4.719	76	403767	38.686	ug/l	97
18) Methyl Acetate	5.037	43	380161	49.303	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	656052	49.226	ug/l	100
20) Methylene Chloride	5.290	84	211958	42.812	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	190345	42.776	ug/l #	89
22) Diisopropyl ether	6.684	45	791997	49.299	ug/l	99
23) Vinyl Acetate	6.613	43	2608114	274.388	ug/l	99
24) 1,1-Dichloroethane	6.578	63	385645	43.800	ug/l	97
25) 2-Butanone	7.495	43	826943	237.320	ug/l	98
26) 2,2-Dichloropropane	7.495	77	270663	42.619	ug/l	99
27) cis-1,2-Dichloroethene	7.501	96	234559	44.442	ug/l	99
28) Bromochloromethane	7.819	49	192402	45.914	ug/l	96
29) Tetrahydrofuran	7.848	42	571617	251.083	ug/l	100
30) Chloroform	7.972	83	412977	46.946	ug/l	93
31) Cyclohexane	8.266	56	352365	42.476	ug/l	88
32) 1,1,1-Trichloroethane	8.178	97	340954	46.097	ug/l	98
36) 1,1-Dichloropropene	8.378	75	282595	43.660	ug/l	99
37) Ethyl Acetate	7.572	43	345707	50.763	ug/l	98
38) Carbon Tetrachloride	8.366	117	287443	44.022	ug/l	94
39) Methylcyclohexane	9.607	83	344231	46.787	ug/l	97
40) Benzene	8.613	78	922632	46.417	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	193717	49.102	ug/l	97
42) 1,2-Dichloroethane	8.678	62	315258	45.475	ug/l	99
43) Isopropyl Acetate	8.695	43	635062	57.308	ug/l	95
44) Trichloroethene	9.360	130	212076	45.149	ug/l	90
45) 1,2-Dichloropropane	9.625	63	242193	46.028	ug/l	100
46) Dibromomethane	9.713	93	158905	47.238	ug/l	98
47) Bromodichloromethane	9.895	83	311798	46.231	ug/l #	99
48) Methyl methacrylate	9.689	41	274879	52.273	ug/l	96
49) 1,4-Dioxane	9.701	88	98207	1079.640	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1799390	255.208	ug/l	100
52) Toluene	10.636	92	594599	49.547	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	333835	51.283	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	359115	47.826	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	235206	48.199	ug/l	96
56) Ethyl methacrylate	10.877	69	364946	53.131	ug/l	98
57) 1,3-Dichloropropane	11.166	76	403517	48.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	825735	262.493	ug/l	99
59) 2-Hexanone	11.201	43	1322606	260.162	ug/l	99
60) Dibromochloromethane	11.360	129	243927	47.429	ug/l	99
61) 1,2-Dibromoethane	11.471	107	238364	48.800	ug/l	98
64) Tetrachloroethene	11.107	164	179281	45.737	ug/l	93
65) Chlorobenzene	11.895	112	625378	47.442	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	229718	47.978	ug/l	99
67) Ethyl Benzene	11.966	91	1124926	50.091	ug/l	99
68) m/p-Xylenes	12.071	106	876057	101.204	ug/l	97
69) o-Xylene	12.401	106	436188	51.666	ug/l	100
70) Styrene	12.413	104	720629	52.785	ug/l	99
71) Bromoform	12.583	173	174826	49.778	ug/l #	96
73) Isopropylbenzene	12.701	105	1136332	48.956	ug/l	100
74) N-amyl acetate	12.501	43	525249	50.203	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	370469	44.093	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	348476m	54.429	ug/l	
77) Bromobenzene	12.983	156	267121	46.125	ug/l	100
78) n-propylbenzene	13.042	91	1337115	49.057	ug/l	100
79) 2-Chlorotoluene	13.130	91	785354	47.059	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	960009	50.045	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	115922	52.735	ug/l	92
82) 4-Chlorotoluene	13.130	91	785354	47.059	ug/l	100
83) tert-Butylbenzene	13.442	119	853224	49.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	953538	49.876	ug/l	100
85) sec-Butylbenzene	13.618	105	1222938	50.476	ug/l	100
86) p-Isopropyltoluene	13.736	119	1020401	52.742	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	510578	46.640	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	513965	47.146	ug/l	97
89) n-Butylbenzene	14.060	91	864145	51.355	ug/l	100
90) Hexachloroethane	14.336	117	179660	44.351	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	532609	47.457	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	69407	42.639	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	283997	50.730	ug/l	99
94) Hexachlorobutadiene	15.506	225	129709	47.274	ug/l	99
95) Naphthalene	15.642	128	973813	57.323	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	292637	53.955	ug/l	100

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

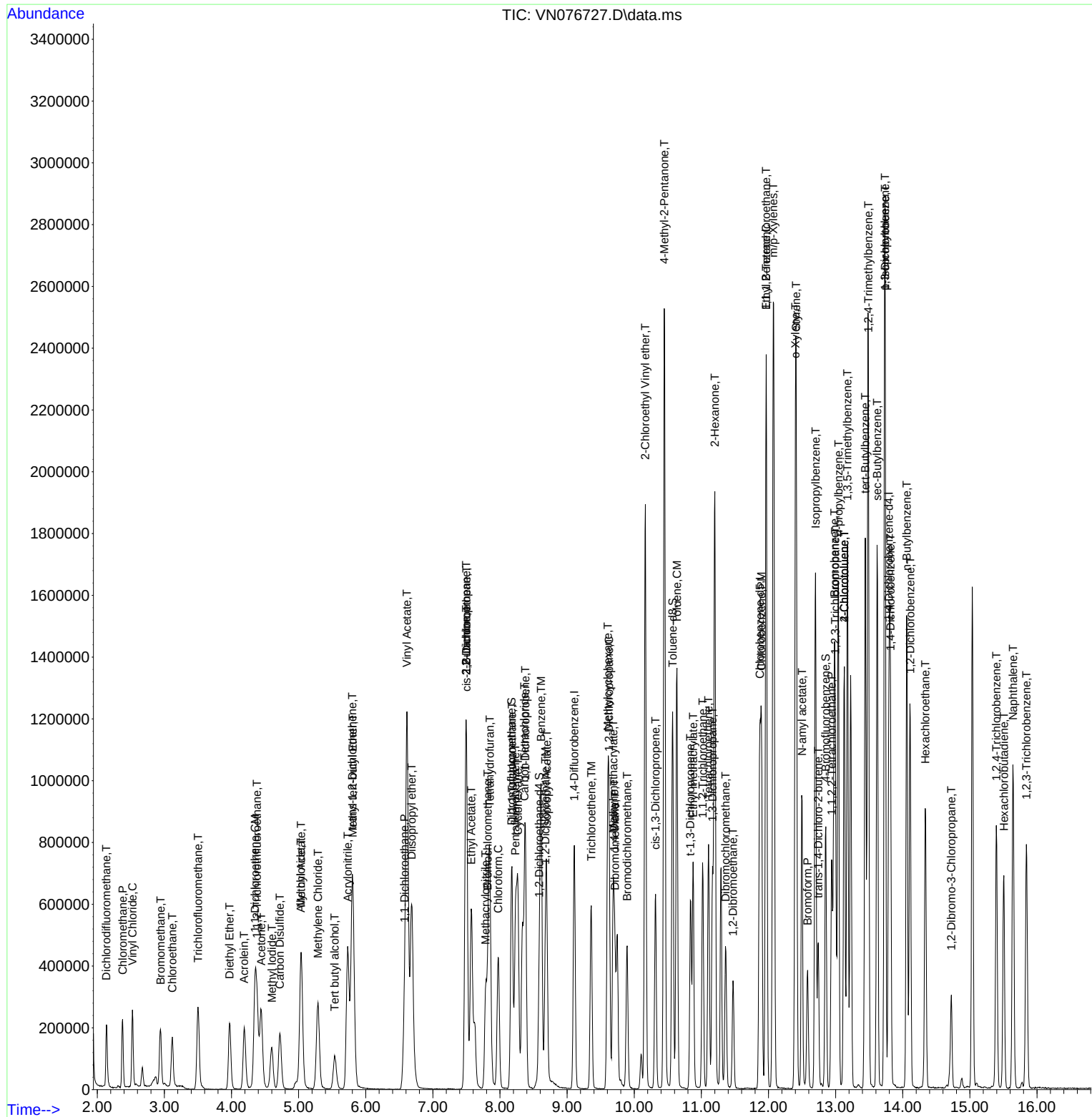
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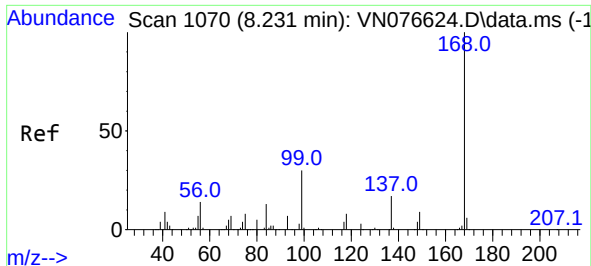
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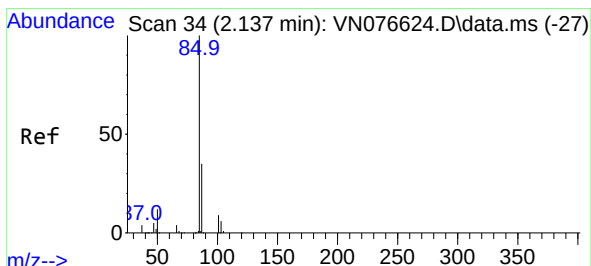
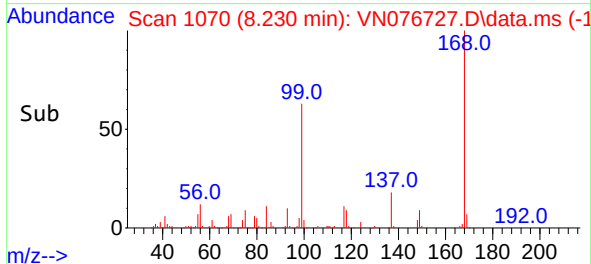
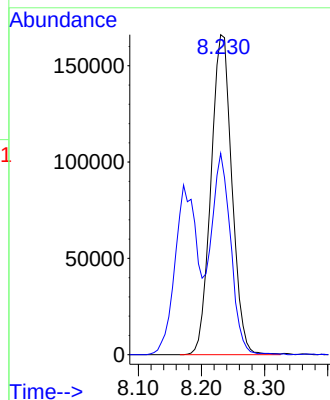
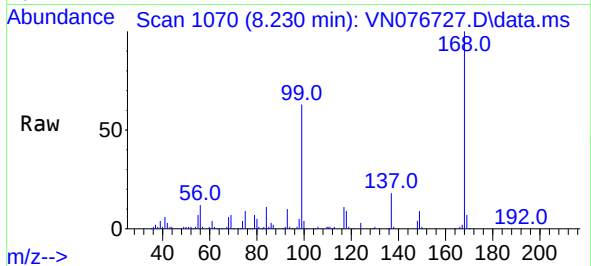
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076727.D
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MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 382979
Ion Ratio Lower Upper
168 100
99 62.7 44.8 67.2

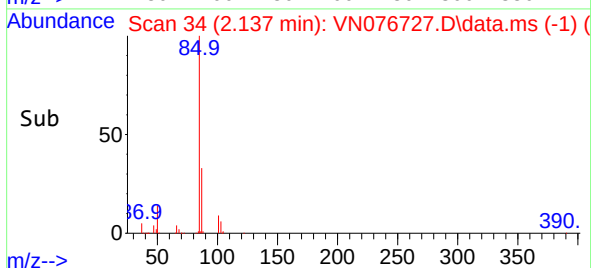
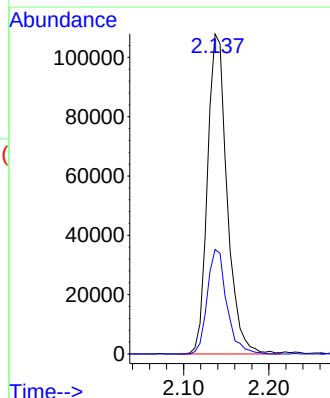
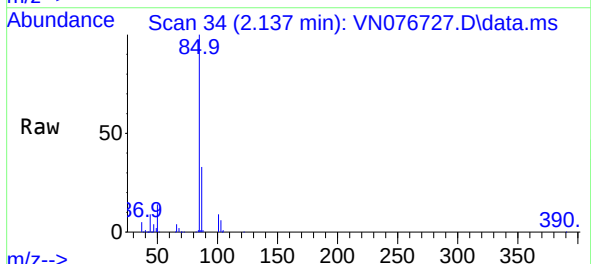
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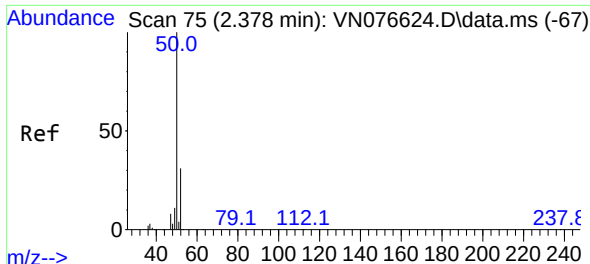
Reviewed By :John Carlone 02/17/2023
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#2
Dichlorodifluoromethane
Concen: 42.455 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

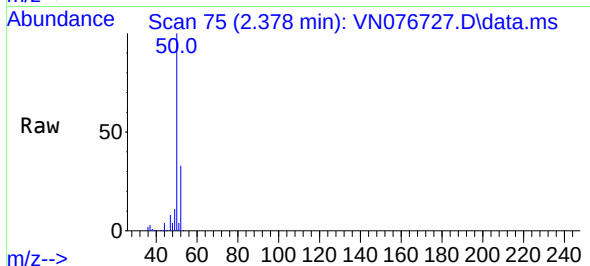
Tgt Ion: 85 Resp: 172648
Ion Ratio Lower Upper
85 100
87 32.6 17.4 52.2





#3
Chloromethane
Concen: 40.322 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076727.D
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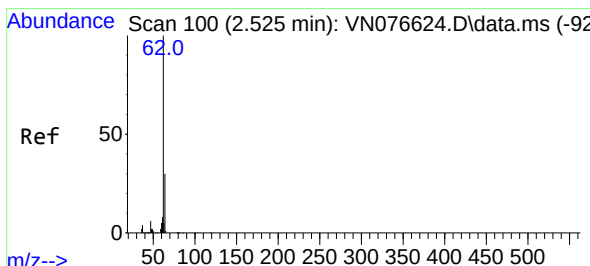
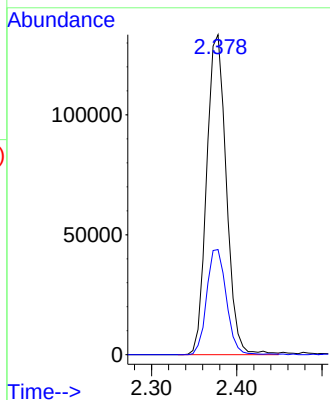
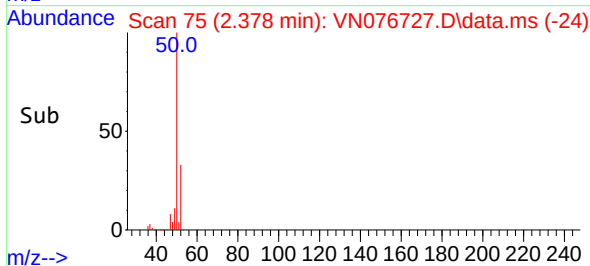
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



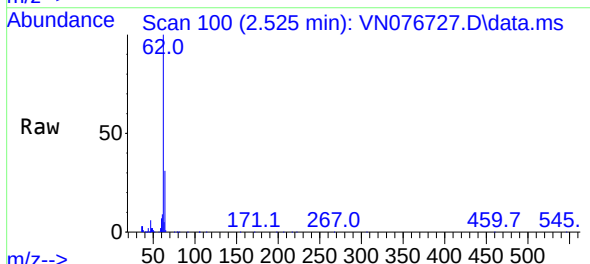
Tgt Ion: 50 Resp: 213934
Ion Ratio Lower Upper
50 100
52 32.9 24.7 37.1

Manual Integrations
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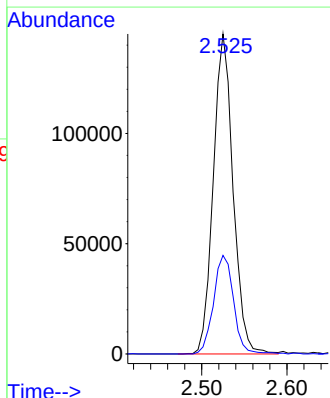
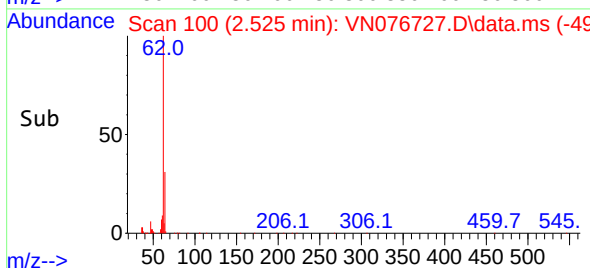
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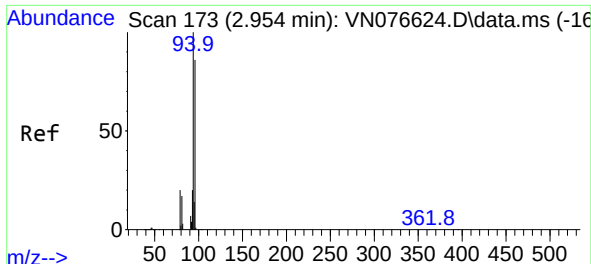


#4
Vinyl Chloride
Concen: 44.804 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



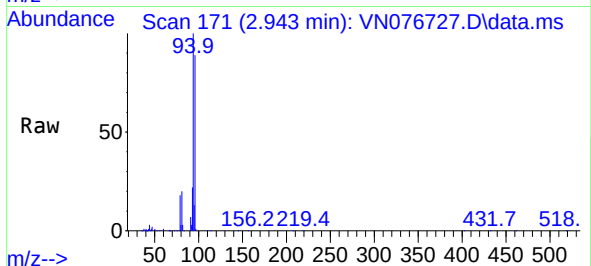
Tgt Ion: 62 Resp: 233953
Ion Ratio Lower Upper
62 100
64 30.8 23.9 35.9





#5
Bromomethane
Concen: 43.761 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN076727.D
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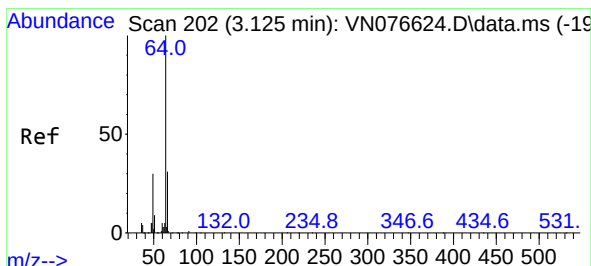
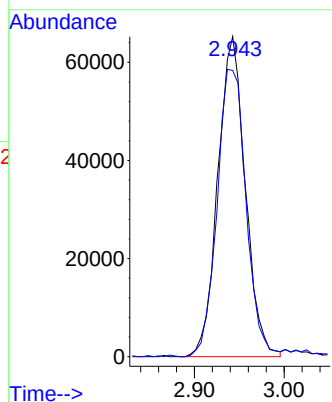
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 13845
Ion Ratio Lower Upper
94 100
96 89.5 69.0 103.4

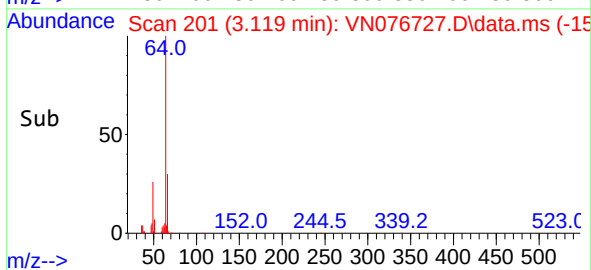
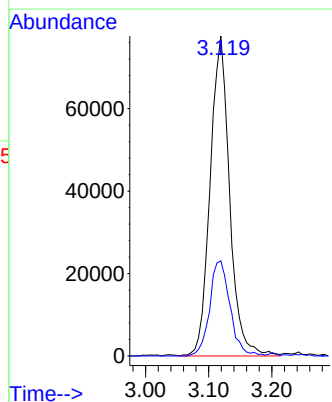
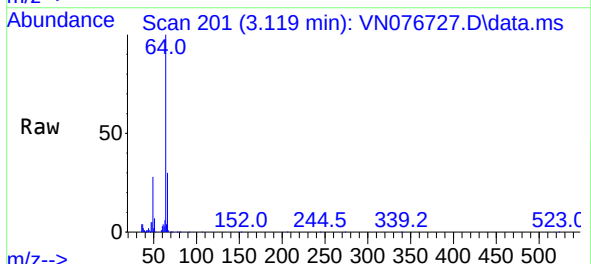
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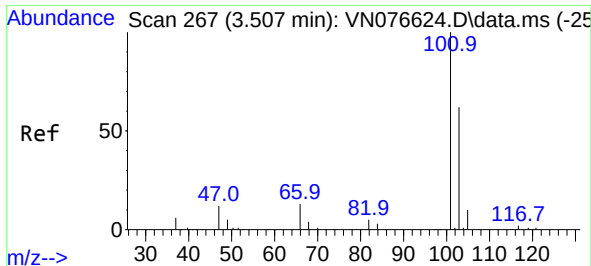
Reviewed By :John Carlone 02/17/2023
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#6
Chloroethane
Concen: 50.395 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

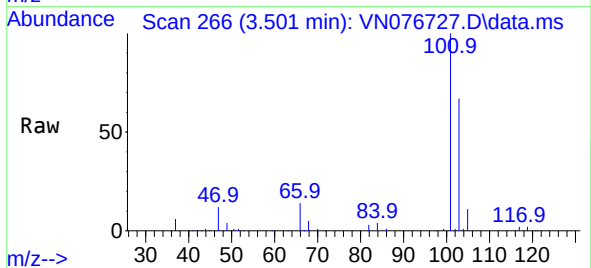
Tgt Ion: 64 Resp: 166302
Ion Ratio Lower Upper
64 100
66 29.7 24.6 37.0





#7
Trichlorofluoromethane
Concen: 40.869 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

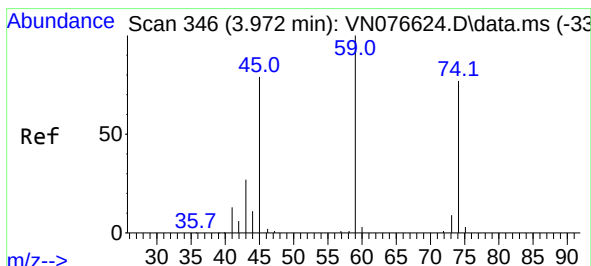
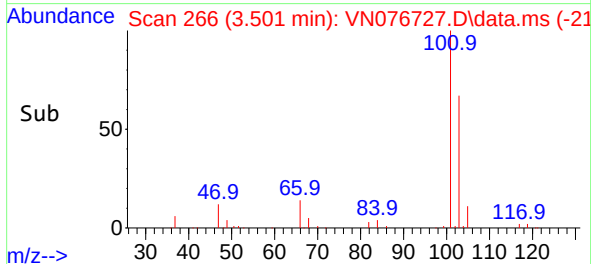
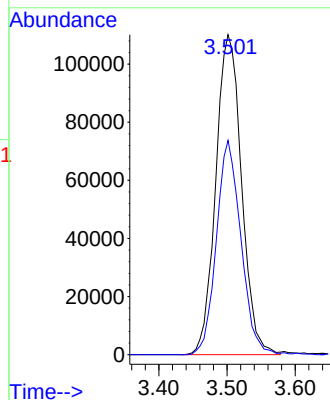
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 290360
Ion Ratio Lower Upper
101 100
103 66.9 49.4 74.2

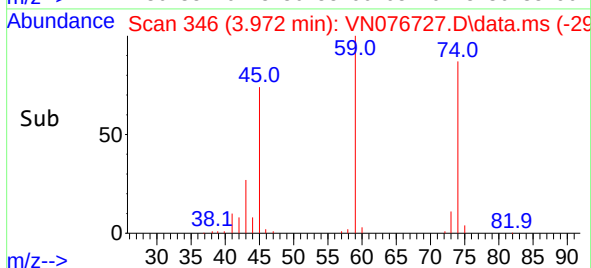
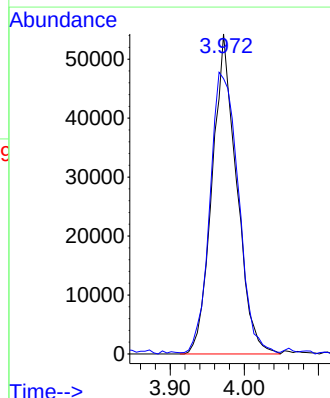
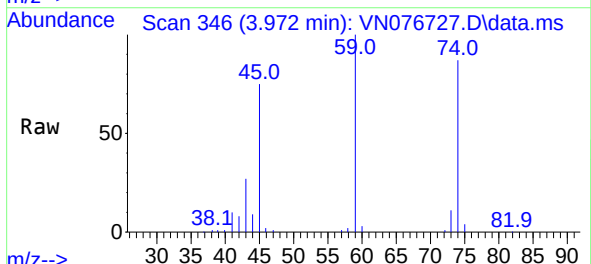
Manual Integrations
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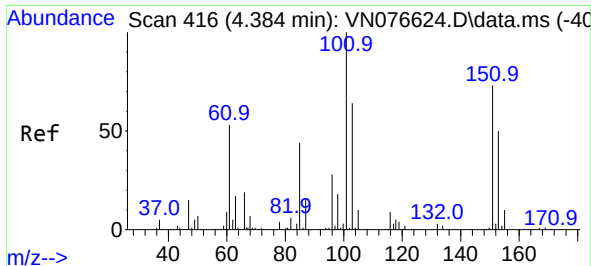
Reviewed By :John Carlone 02/17/2023
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#8
Diethyl Ether
Concen: 45.404 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076727.D
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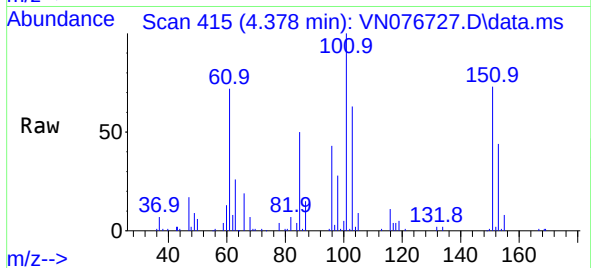
Tgt Ion: 74 Resp: 124303
Ion Ratio Lower Upper
74 100
45 101.7 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.735 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

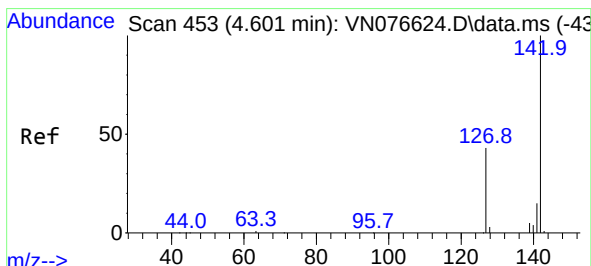
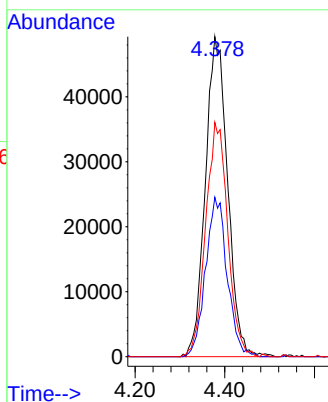
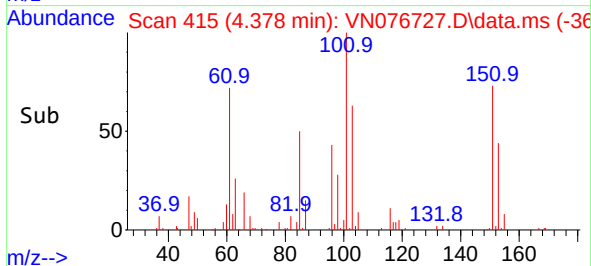
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



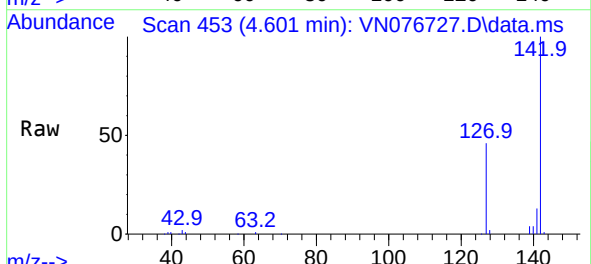
Tgt Ion:101 Resp: 17005
Ion Ratio Lower Upper
101 100
85 48.2 37.4 56.0
151 72.2 58.7 88.1

Manual Integrations
APPROVED

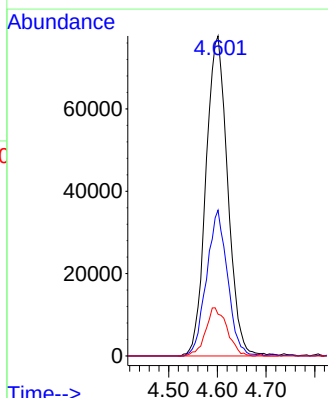
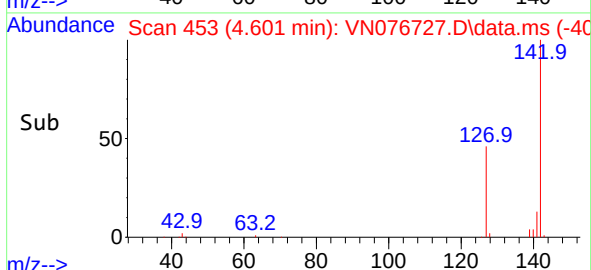
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

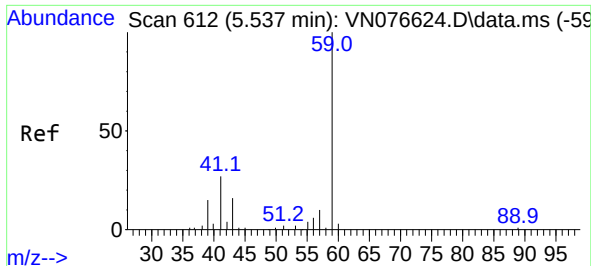


#10
Methyl Iodide
Concen: 46.693 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



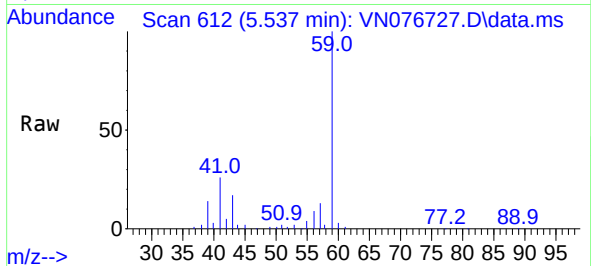
Tgt Ion:142 Resp: 240718
Ion Ratio Lower Upper
142 100
127 45.6 34.6 51.8
141 13.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 251.713 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

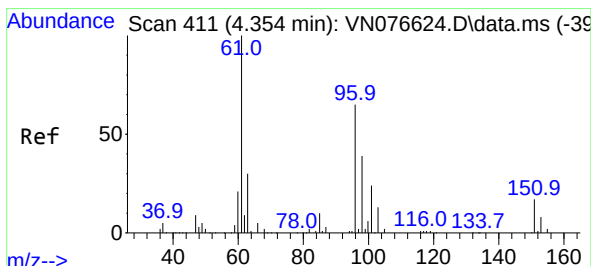
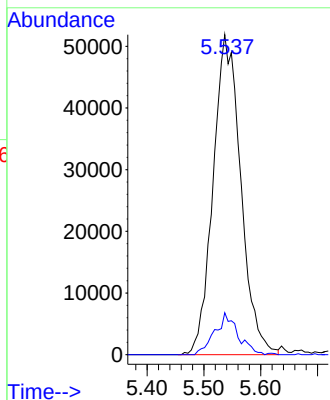
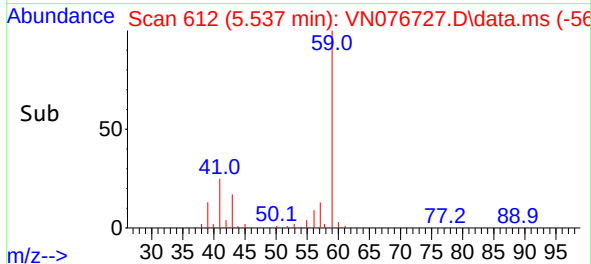
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



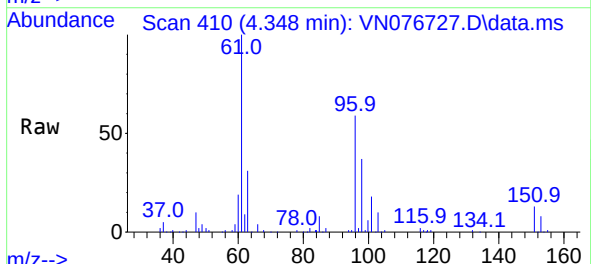
Tgt Ion: 59 Resp: 175708
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
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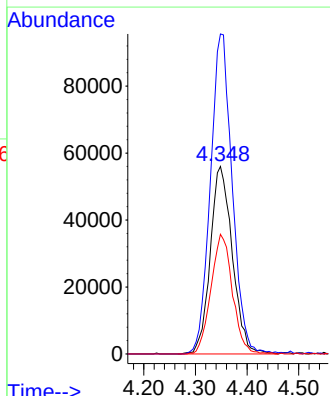
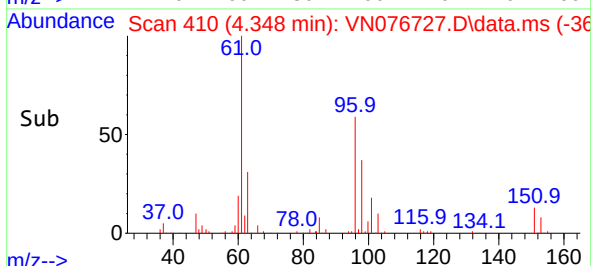
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

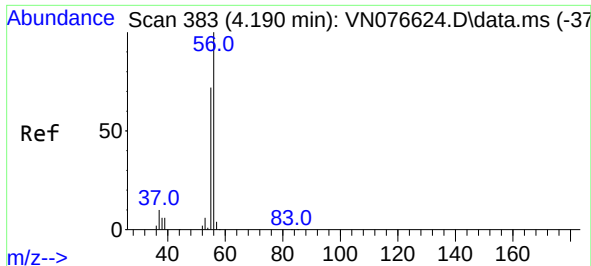


#12
1,1-Dichloroethene
Concen: 42.004 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



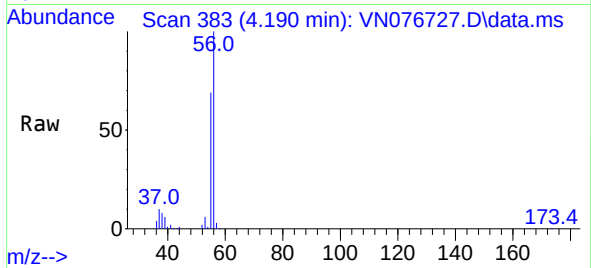
Tgt Ion: 96 Resp: 166043
Ion Ratio Lower Upper
96 100
61 170.6 123.8 185.6
98 63.8 48.4 72.6





#13
Acrolein
Concen: 249.900 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

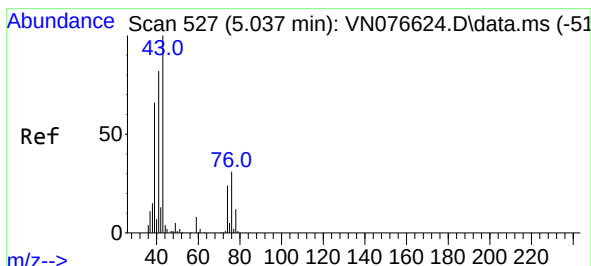
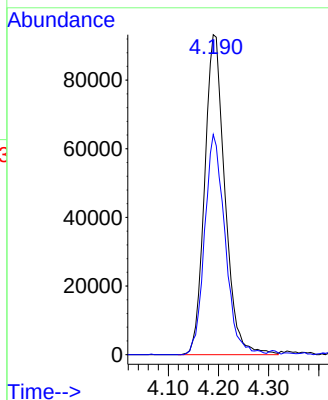
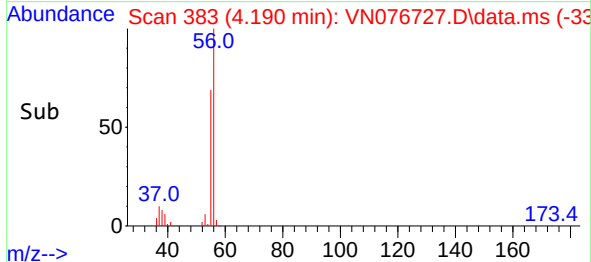
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



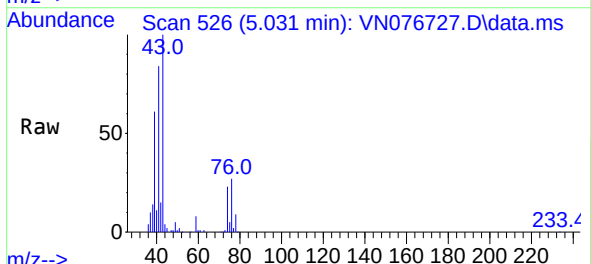
Tgt Ion: 56 Resp: 261892
Ion Ratio Lower Upper
56 100
55 69.4 56.3 84.5

Manual Integrations
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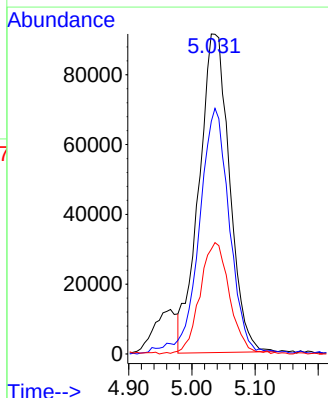
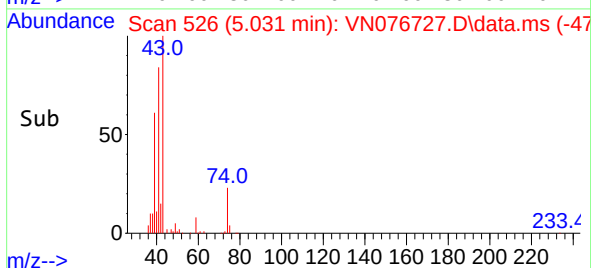
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

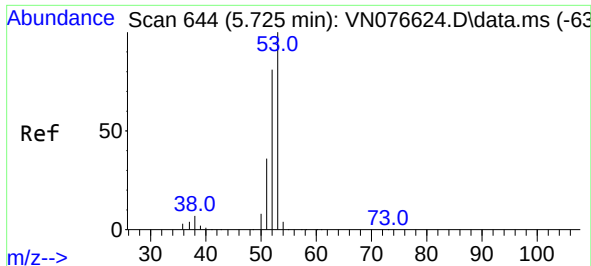


#14
Allyl chloride
Concen: 44.893 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



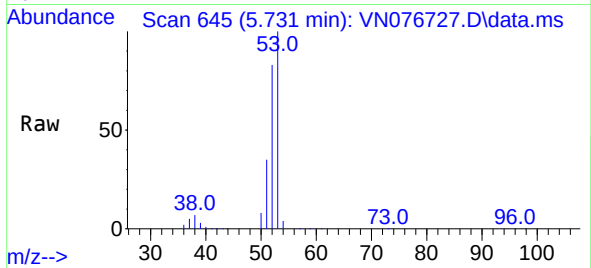
Tgt Ion: 41 Resp: 307490
Ion Ratio Lower Upper
41 100
39 76.8 62.3 93.5
76 34.0 27.0 40.6





#15
Acrylonitrile
Concen: 241.947 ug/l
RT: 5.731 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

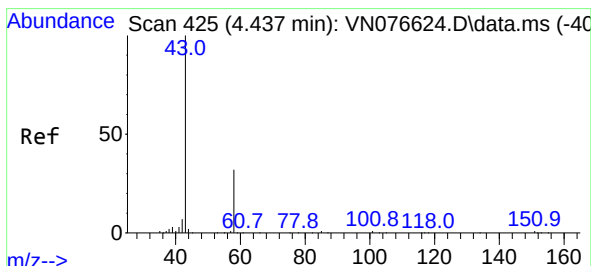
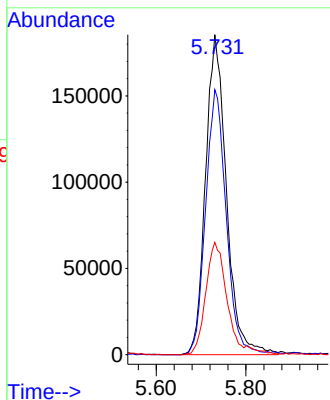
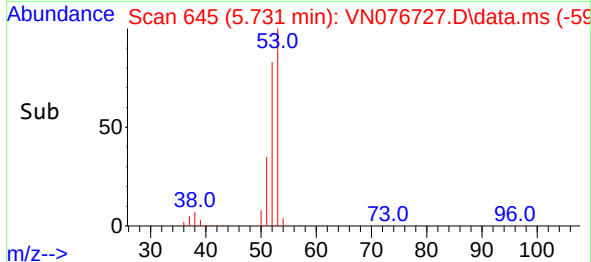
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



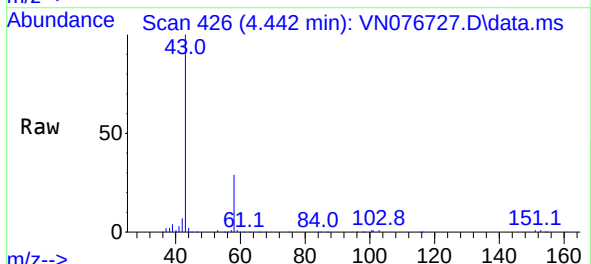
Tgt Ion: 53 Resp: 59938
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.2 29.2 43.8

Manual Integrations
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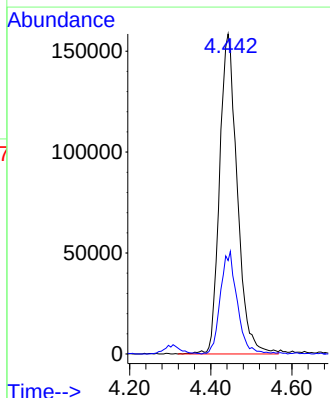
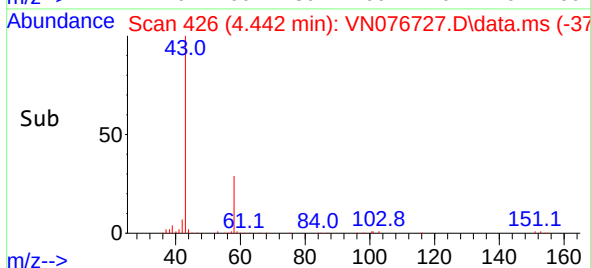
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

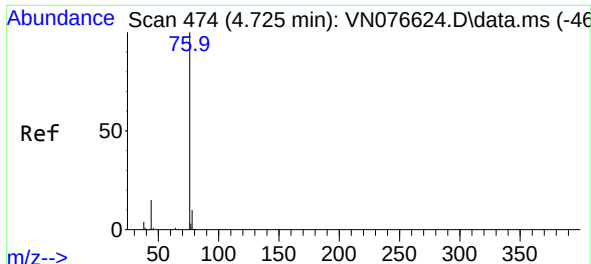


#16
Acetone
Concen: 203.279 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



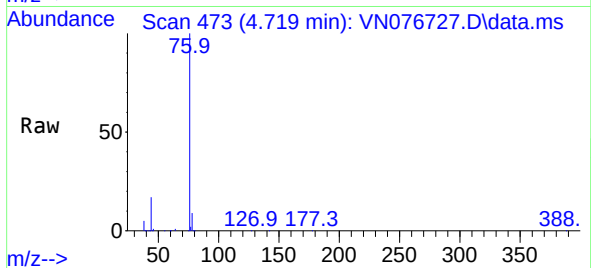
Tgt Ion: 43 Resp: 480196
Ion Ratio Lower Upper
43 100
58 28.8 25.9 38.9





#17
Carbon Disulfide
Concen: 38.686 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

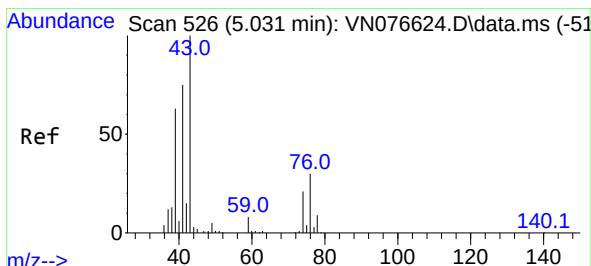
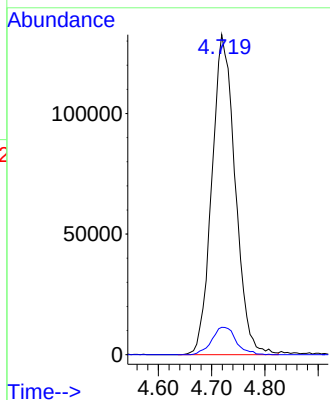
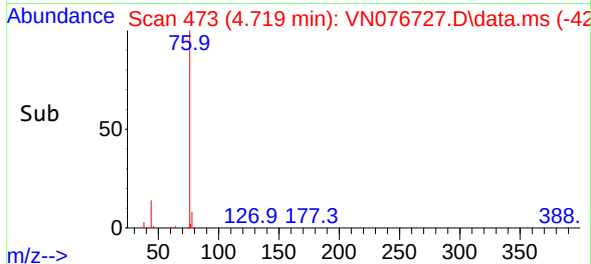
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



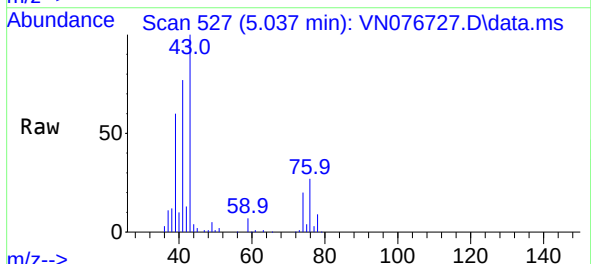
Tgt Ion: 76 Resp: 40376
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

Manual Integrations
APPROVED

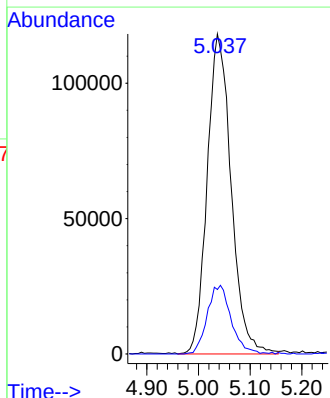
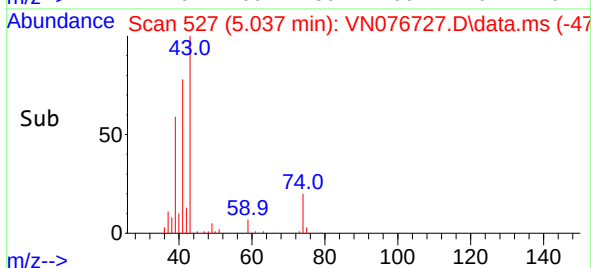
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

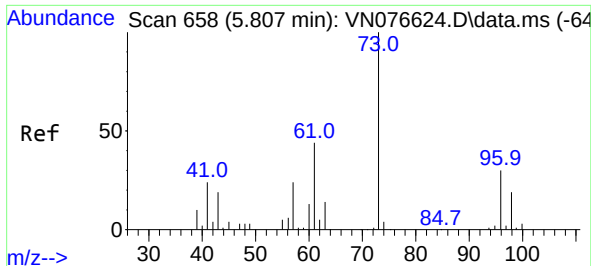


#18
Methyl Acetate
Concen: 49.303 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 43 Resp: 380161
Ion Ratio Lower Upper
43 100
74 21.4 17.7 26.5





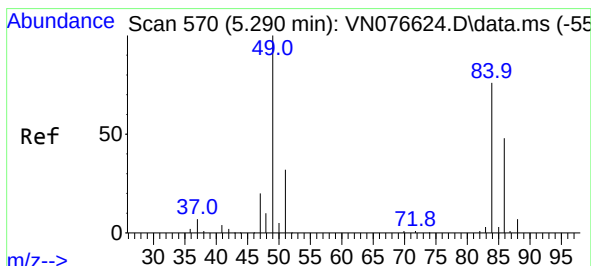
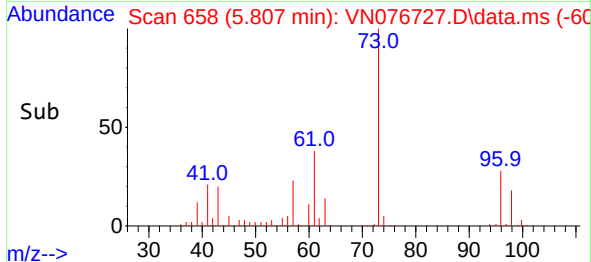
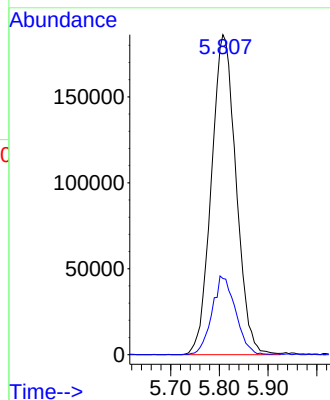
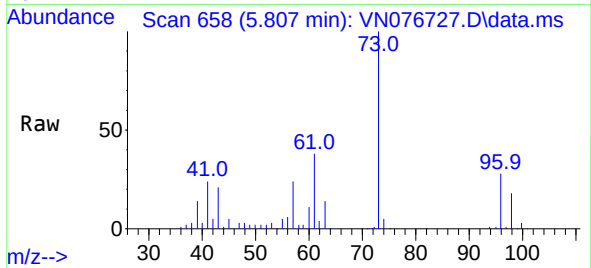
#19
Methyl tert-butyl Ether
Concen: 49.226 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 656052
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.4

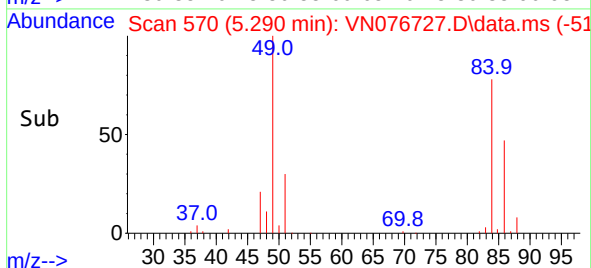
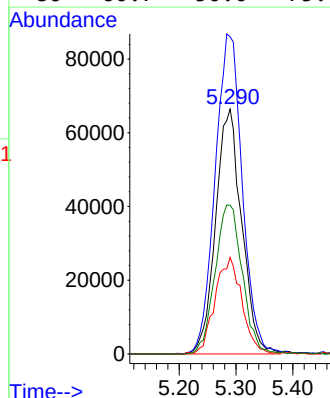
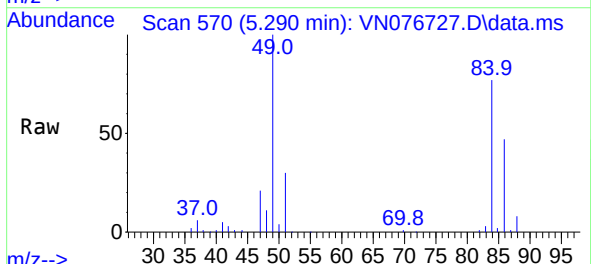
Manual Integrations
APPROVED

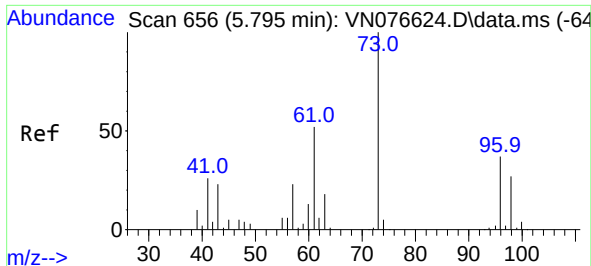
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#20
Methylene Chloride
Concen: 42.812 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

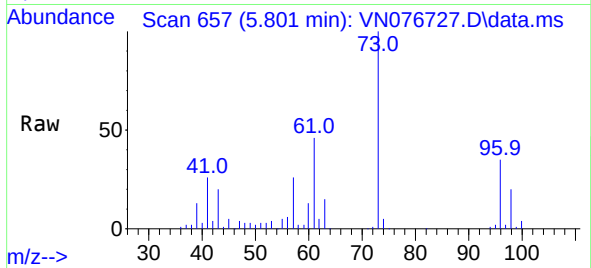
Tgt Ion: 84 Resp: 211958
Ion Ratio Lower Upper
84 100
49 129.3 104.9 157.3
51 39.4 33.8 50.8
86 60.7 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 42.776 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

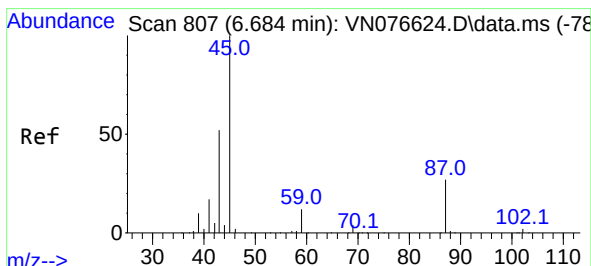
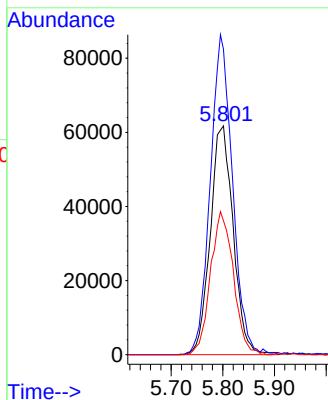
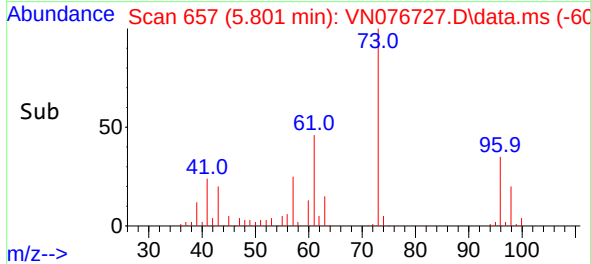
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



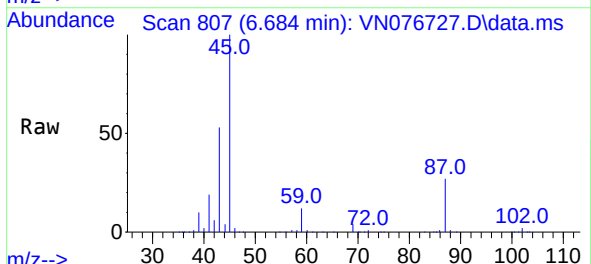
Tgt Ion: 96 Resp: 190345
Ion Ratio Lower Upper
96 100
61 133.4 113.9 170.9
98 58.5 59.4 89.0

Manual Integrations
APPROVED

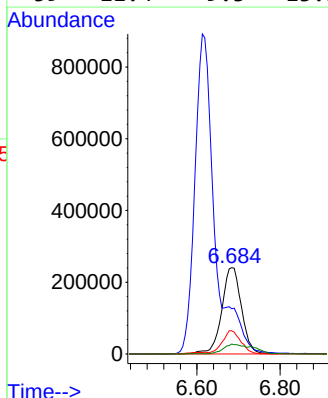
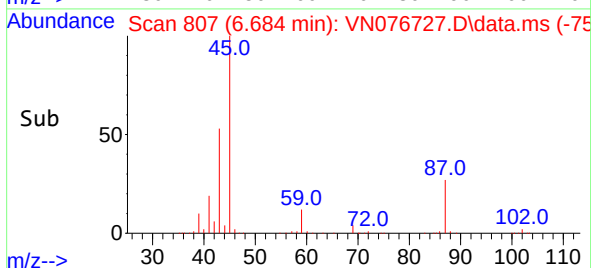
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

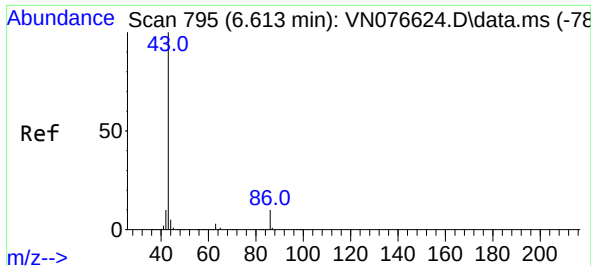


#22
Diisopropyl ether
Concen: 49.299 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



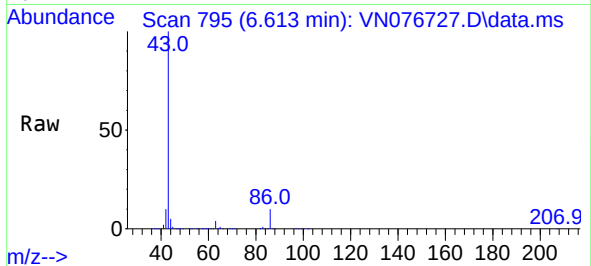
Tgt Ion: 45 Resp: 791997
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.6
87 26.9 21.8 32.8
59 11.4 9.3 13.9





#23
 Vinyl Acetate
 Concen: 274.388 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076727.D
 Acq: 16 Feb 2023 21:29

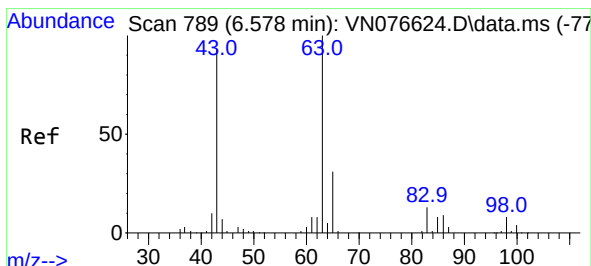
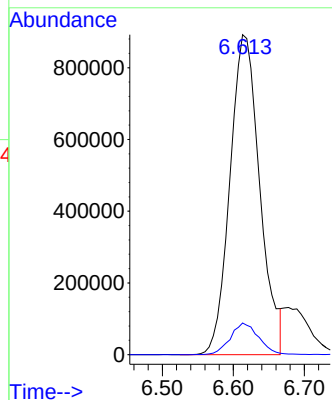
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2608114
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

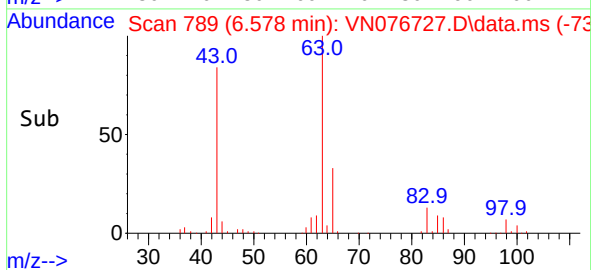
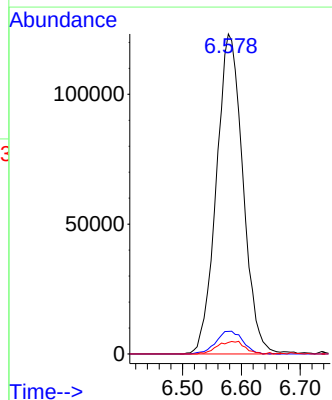
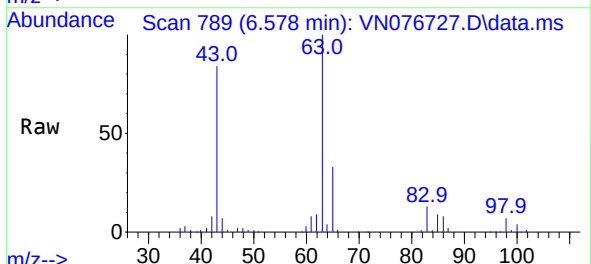
Manual Integrations
 APPROVED

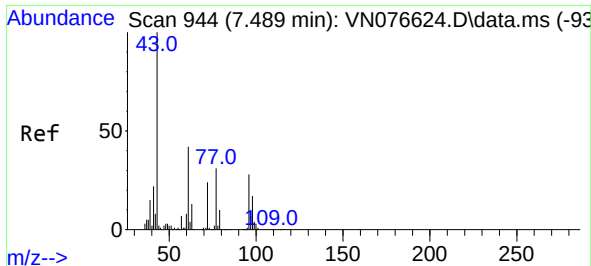
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#24
 1,1-Dichloroethane
 Concen: 43.800 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076727.D
 Acq: 16 Feb 2023 21:29

Tgt Ion: 63 Resp: 385645
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.1 12.3
 100 3.6 2.0 5.8





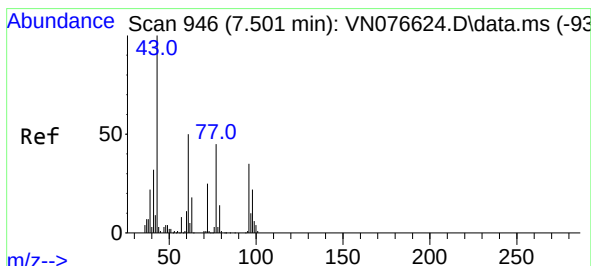
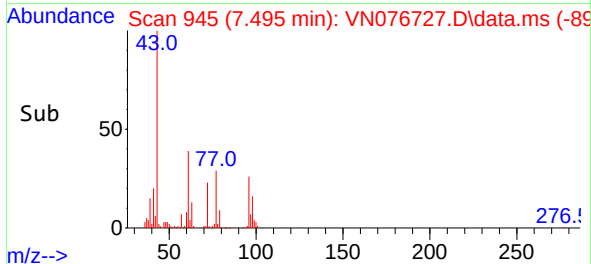
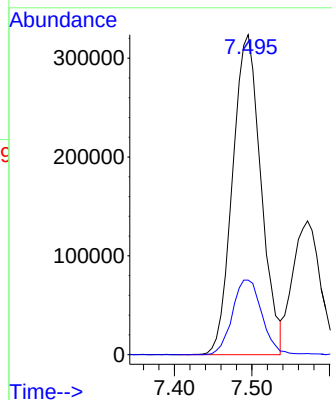
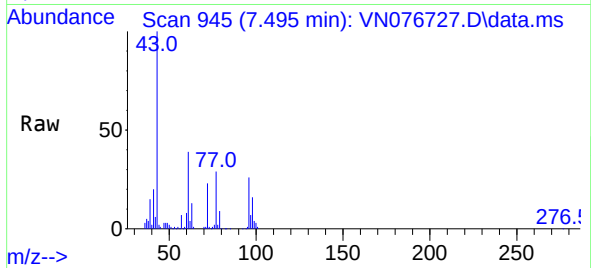
#25
2-Butanone
Concen: 237.320 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 826943
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2

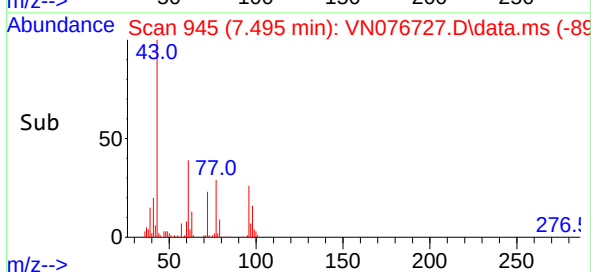
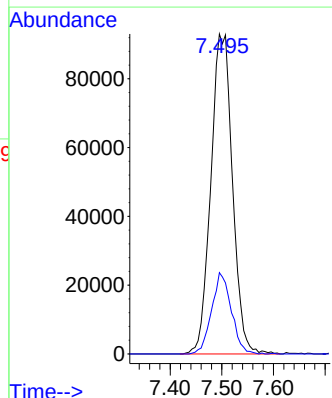
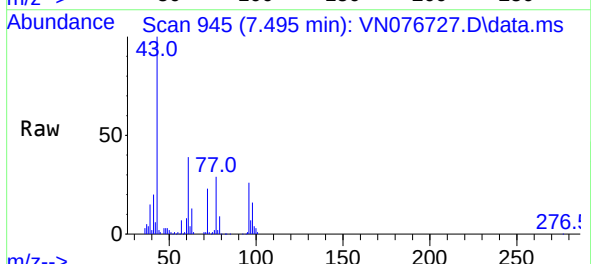
Manual Integrations
APPROVED

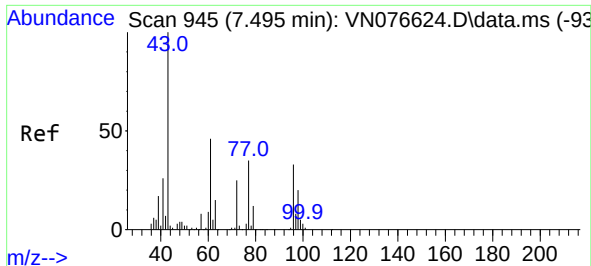
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#26
2,2-Dichloropropane
Concen: 42.619 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

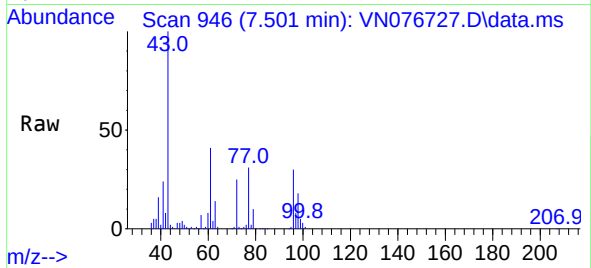
Tgt Ion: 77 Resp: 270663
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 44.442 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

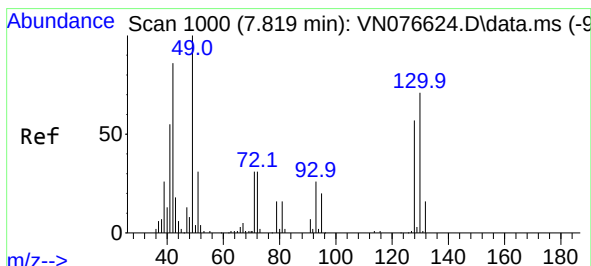
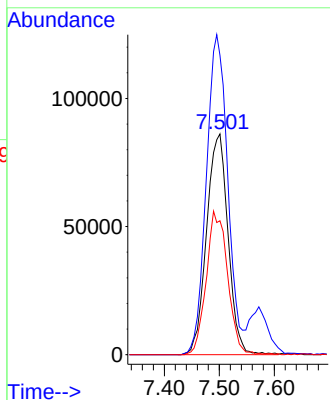
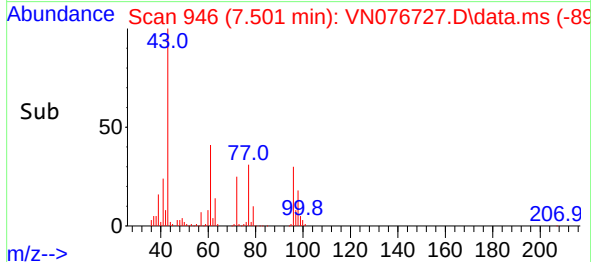
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 23455
Ion Ratio Lower Upper
96 100
61 143.3 0.0 286.8
98 64.4 0.0 124.0

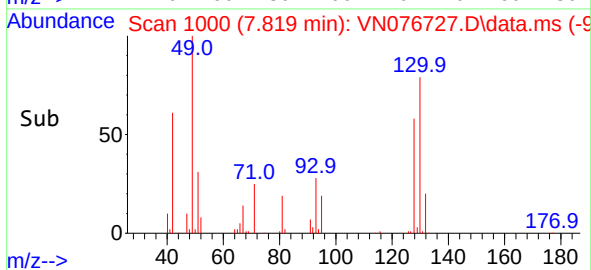
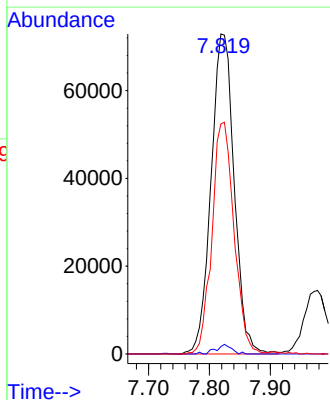
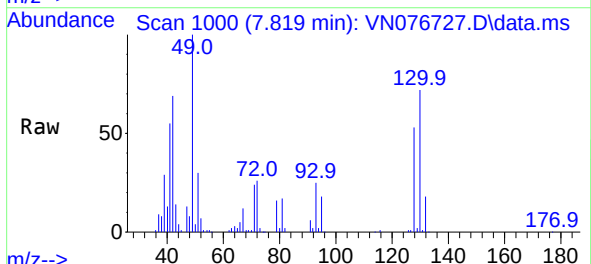
Manual Integrations
APPROVED

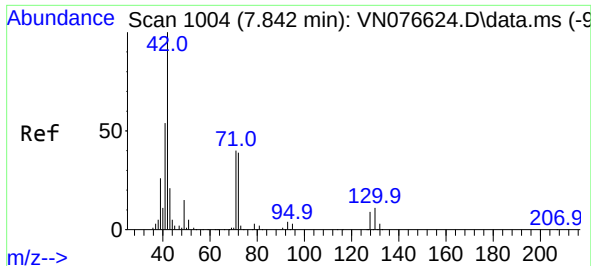
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
Bromochloromethane
Concen: 45.914 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Tgt Ion: 49 Resp: 192402
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 69.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 251.083 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN076727.D

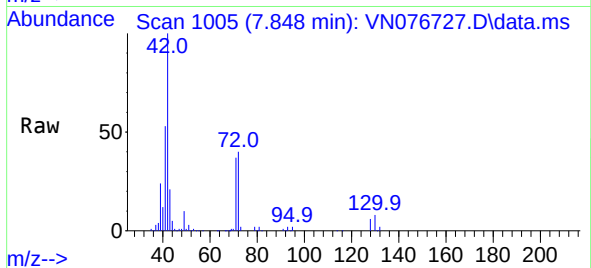
Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 57161

Ion Ratio Lower Upper

42 100

72 39.5 31.5 47.3

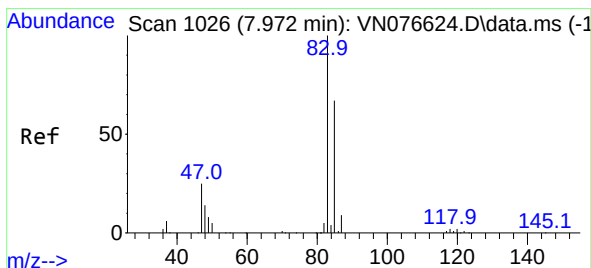
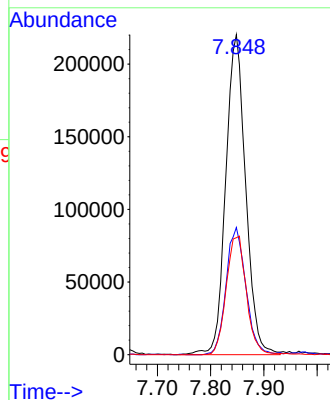
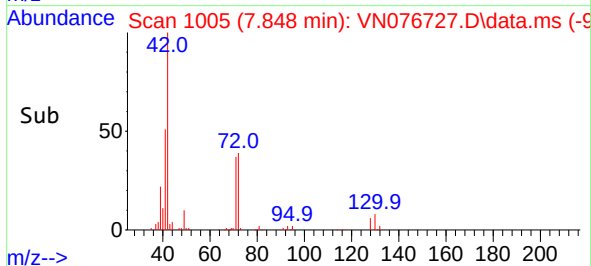
71 37.6 29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#30

Chloroform

Concen: 46.946 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076727.D

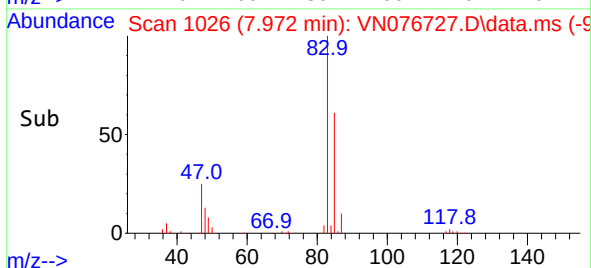
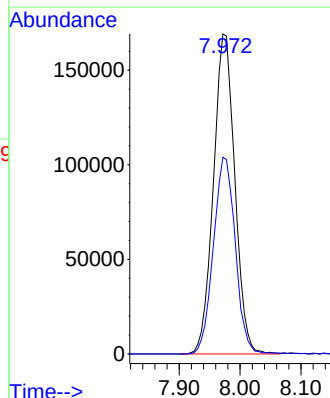
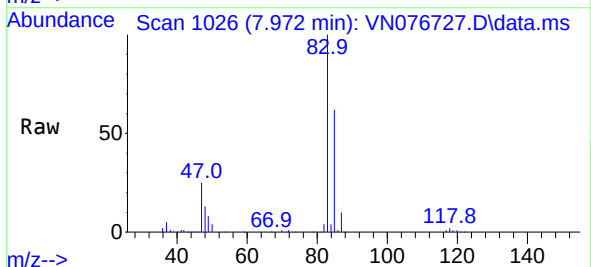
Acq: 16 Feb 2023 21:29

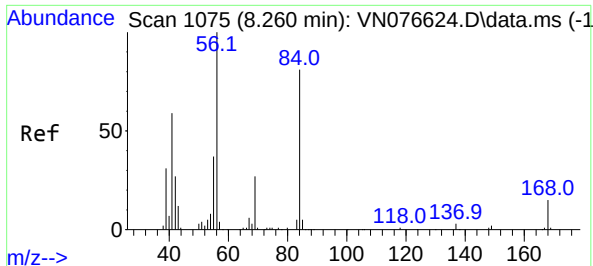
Tgt Ion: 83 Resp: 412977

Ion Ratio Lower Upper

83 100

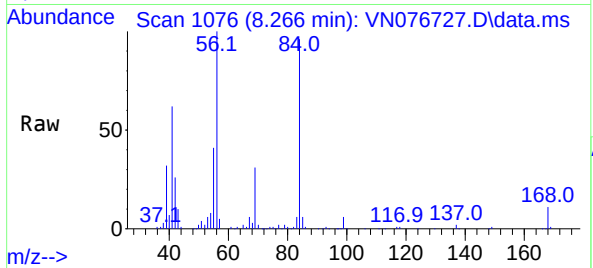
85 61.5 53.5 80.3





#31
Cyclohexane
Concen: 42.476 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

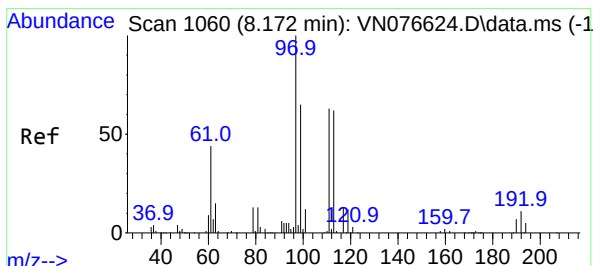
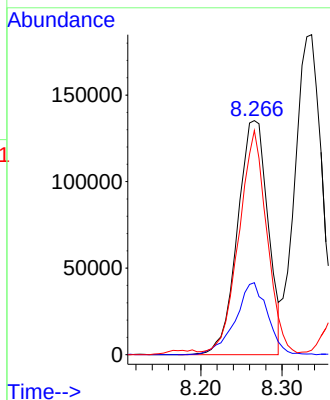
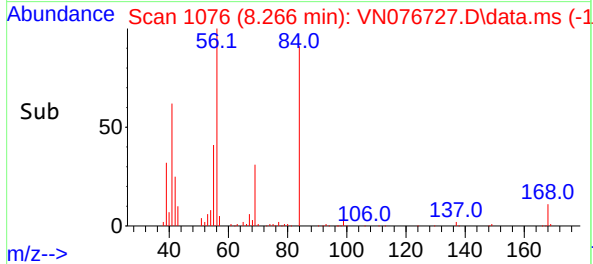
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



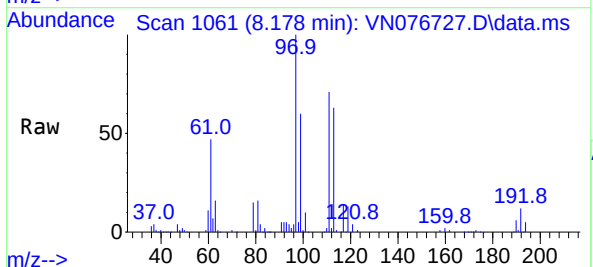
Tgt Ion: 56 Resp: 35236
Ion Ratio Lower Upper
56 100
69 30.8 21.6 32.4
84 93.8 65.1 97.7

Manual Integrations
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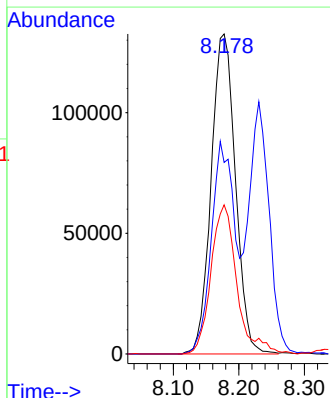
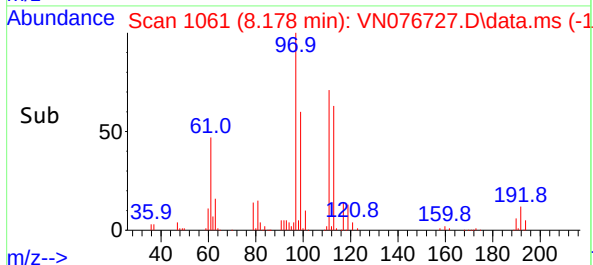
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

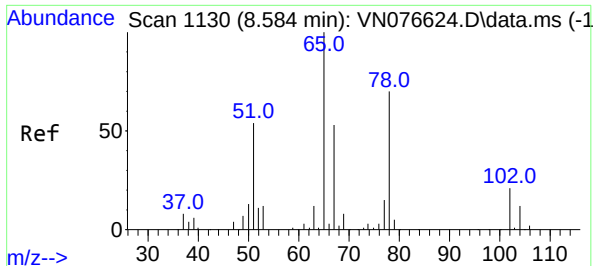


#32
1,1,1-Trichloroethane
Concen: 46.097 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 97 Resp: 340954
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 49.7 38.2 57.2





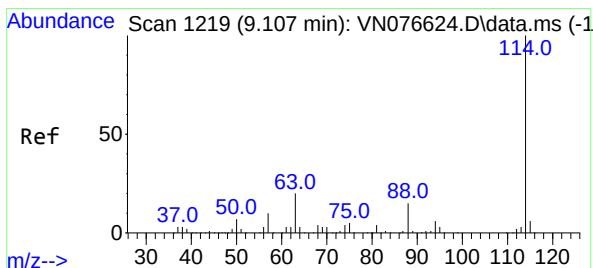
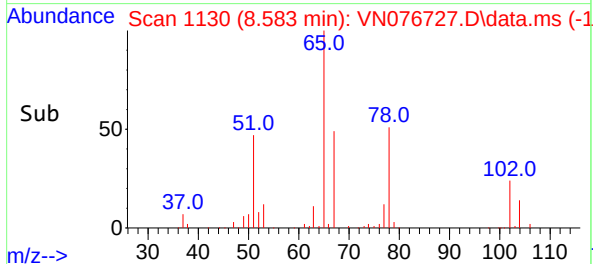
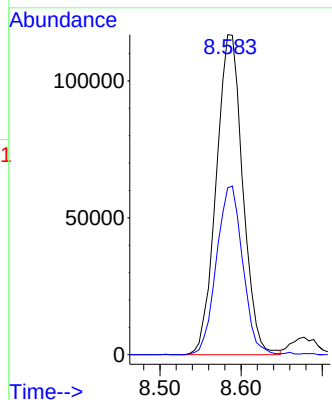
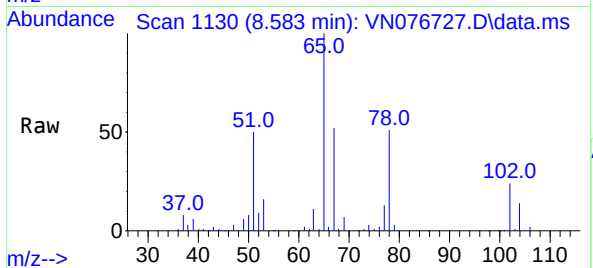
#33
1,2-Dichloroethane-d4
Concen: 50.222 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 26559
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6

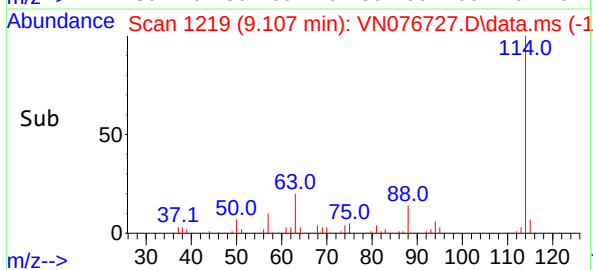
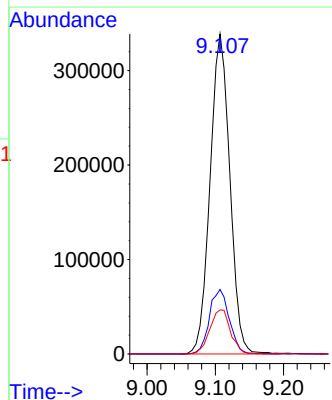
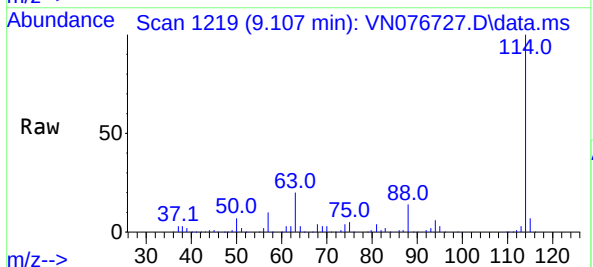
Manual Integrations
APPROVED

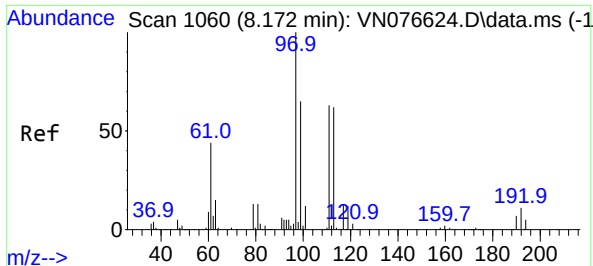
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

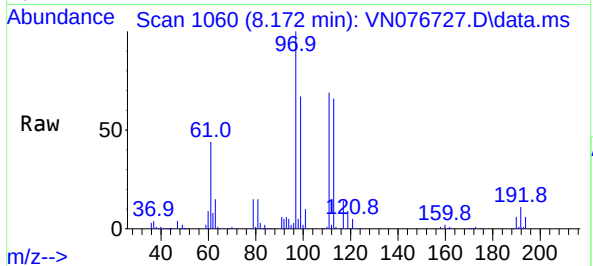
Tgt Ion:114 Resp: 684076
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 13.8 0.0 29.6





#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

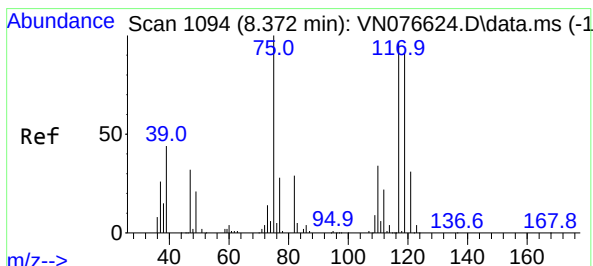
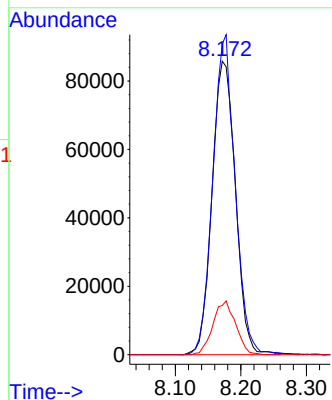
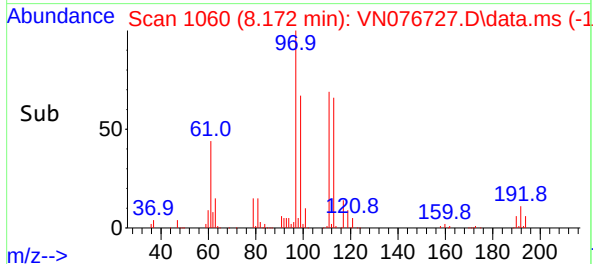
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



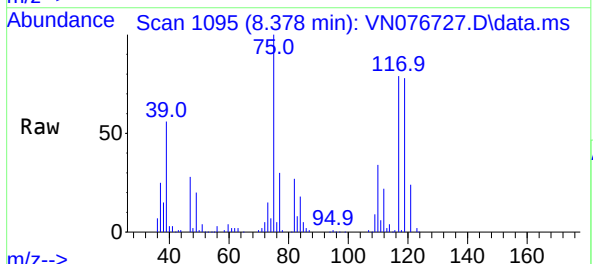
Tgt Ion:113 Resp: 212059
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 17.7 15.6 23.4

Manual Integrations
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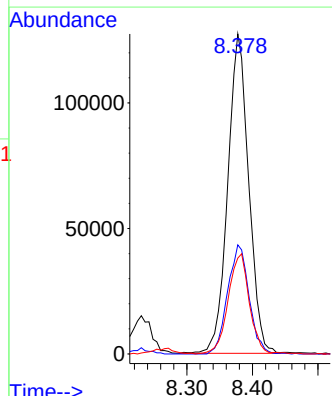
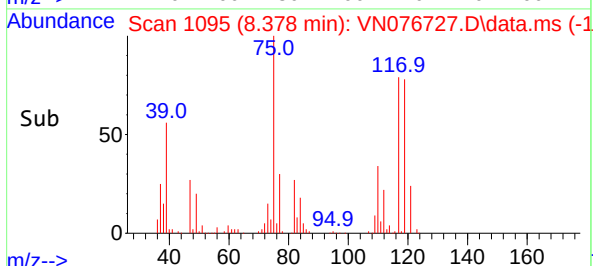
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

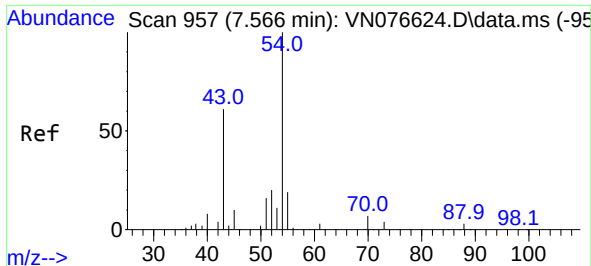


#36
1,1-Dichloropropene
Concen: 43.660 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



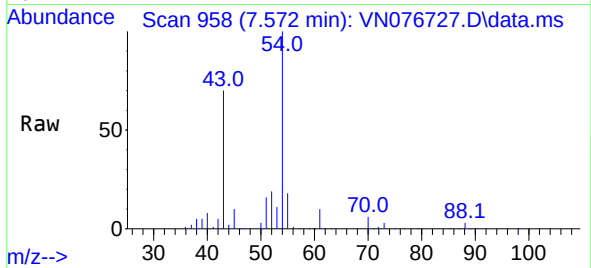
Tgt Ion: 75 Resp: 282595
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.5
77 32.0 24.5 36.7





#37
Ethyl Acetate
Concen: 50.763 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

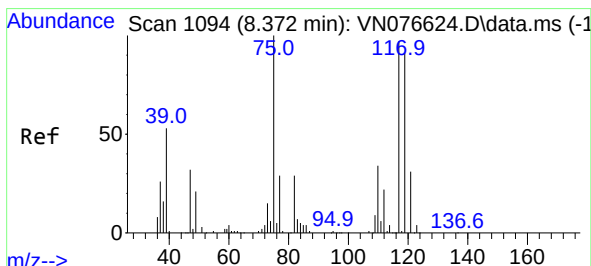
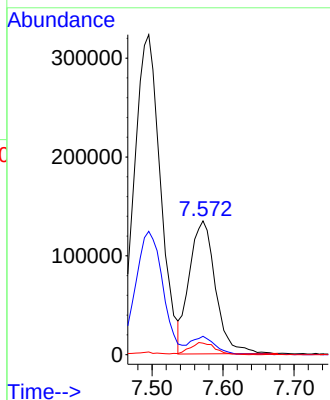
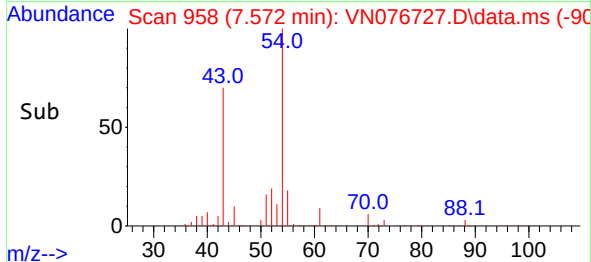
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 34570
Ion Ratio Lower Upper
43 100
61 13.4 9.9 14.9
70 8.9 7.8 11.6

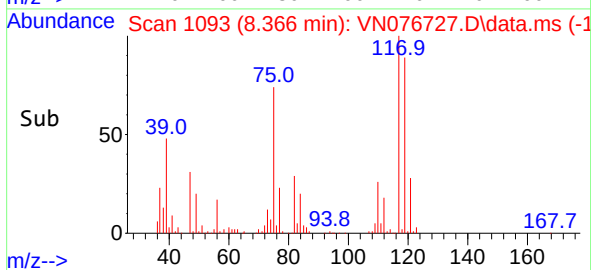
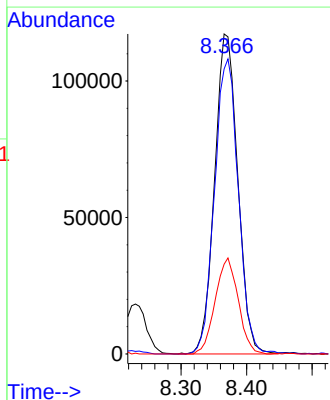
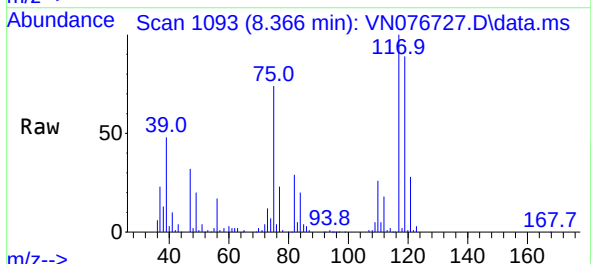
Manual Integrations
APPROVED

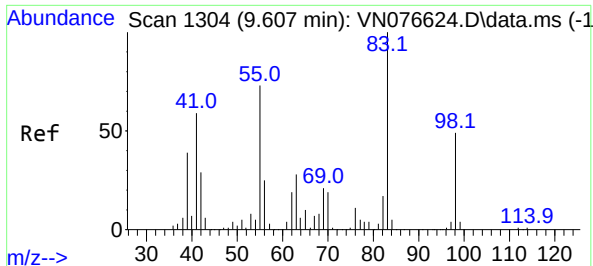
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Carbon Tetrachloride
Concen: 44.022 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

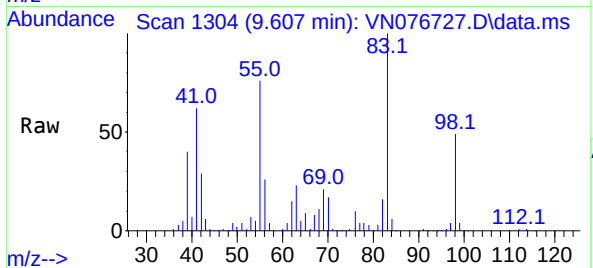
Tgt Ion:117 Resp: 287443
Ion Ratio Lower Upper
117 100
119 89.0 75.4 113.0
121 28.0 26.0 39.0





#39
Methylcyclohexane
Concen: 46.787 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

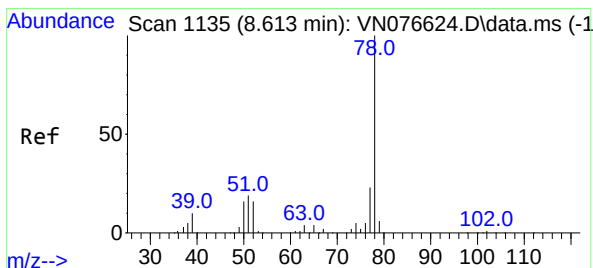
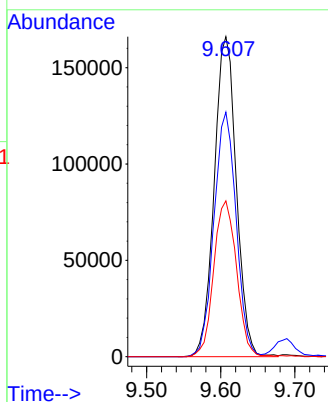
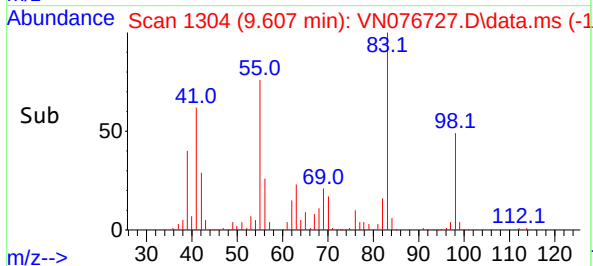
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



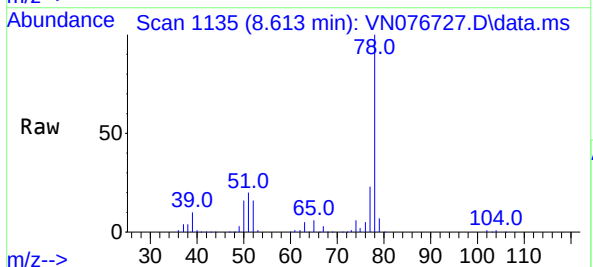
Tgt Ion: 83 Resp: 344231
Ion Ratio Lower Upper
83 100
55 76.4 58.6 88.0
98 48.7 39.4 59.2

Manual Integrations
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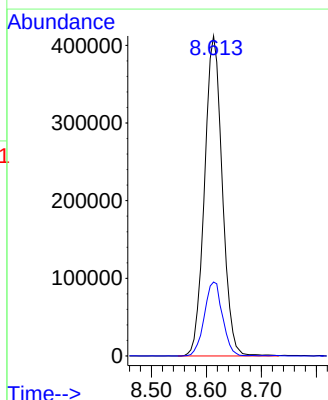
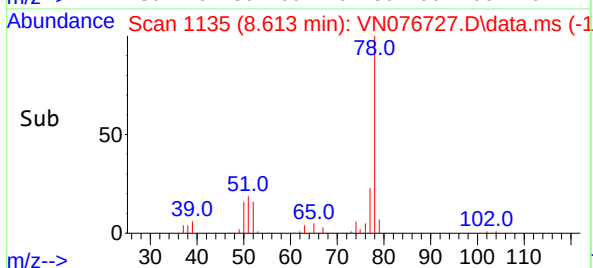
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

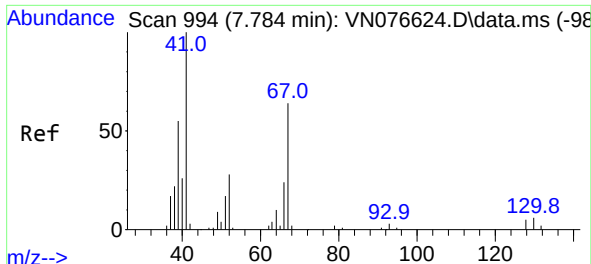


#40
Benzene
Concen: 46.417 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



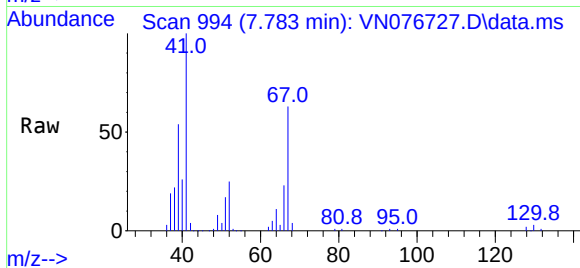
Tgt Ion: 78 Resp: 922632
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.4





#41
Methacrylonitrile
Concen: 49.102 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

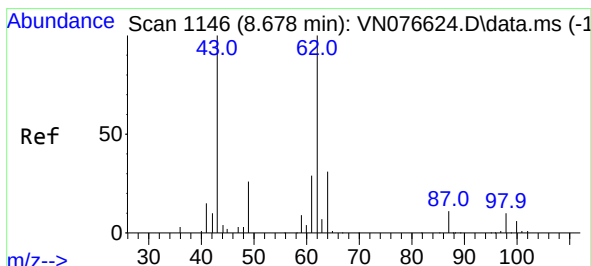
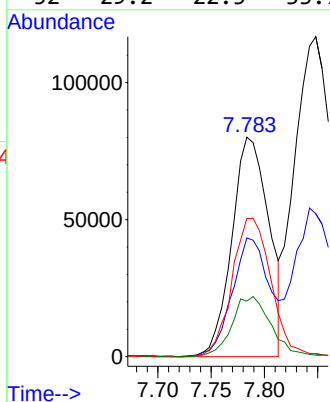
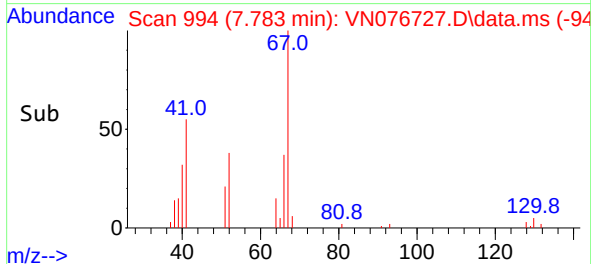
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



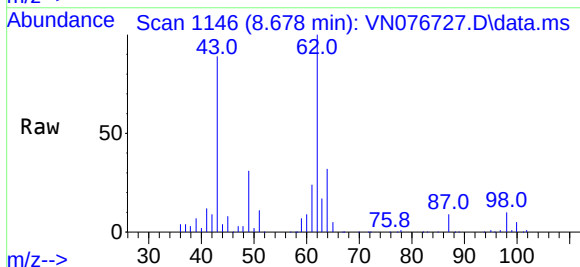
Tgt Ion: 41 Resp: 19371
Ion Ratio Lower Upper
41 100
39 54.2 42.6 63.8
67 67.0 51.4 77.0
52 29.2 22.5 33.7

Manual Integrations
APPROVED

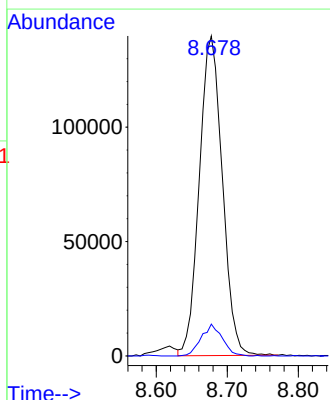
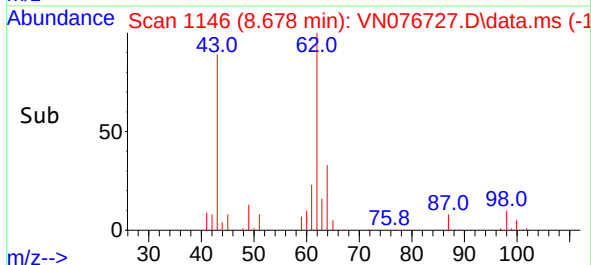
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

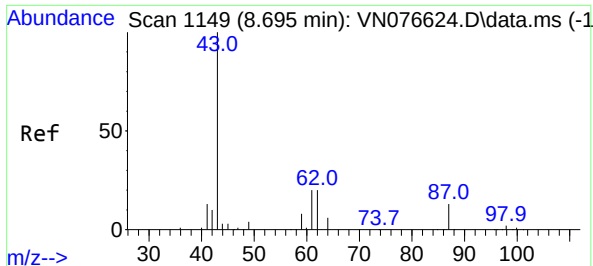


#42
1,2-Dichloroethane
Concen: 45.475 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 62 Resp: 315258
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 57.308 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

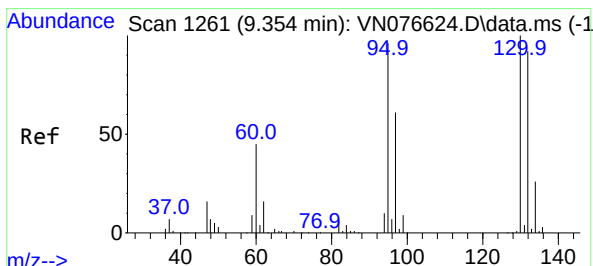
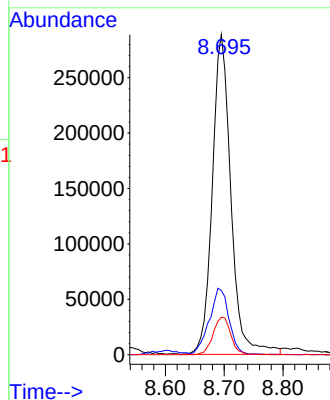
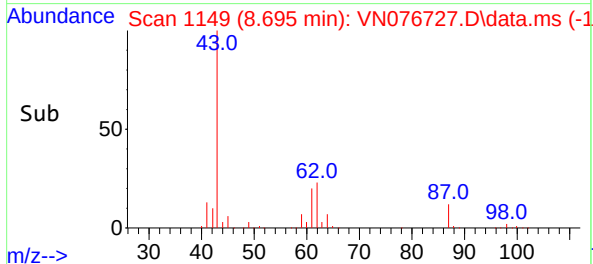
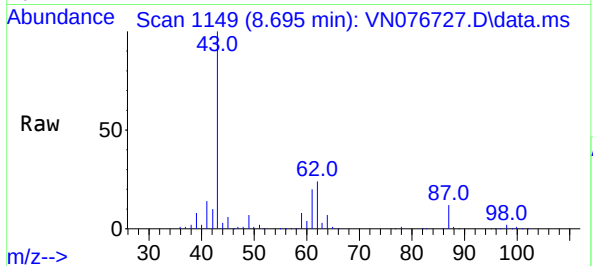
VSTDCCC050EC

Tgt Ion: 43 Resp: 635062
Ion Ratio Lower Upper
43 100
61 22.0 20.0 30.0
87 11.1 9.9 14.9

Manual Integrations

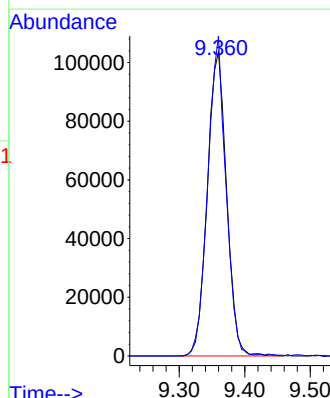
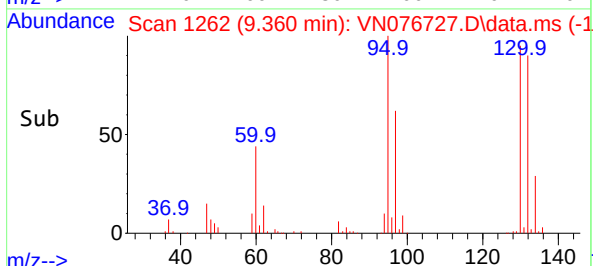
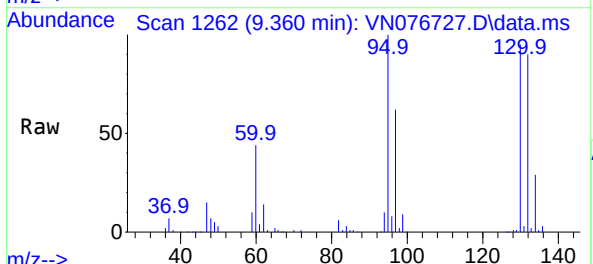
APPROVED

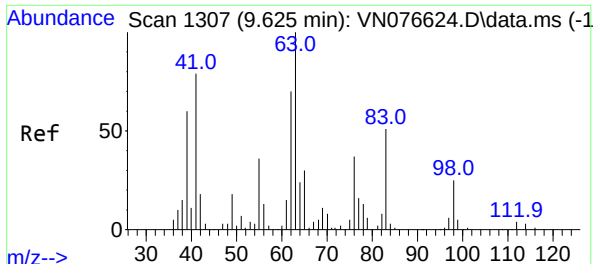
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#44
Trichloroethene
Concen: 45.149 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Tgt Ion:130 Resp: 212076
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.4





#45

1,2-Dichloropropane

Concen: 46.028 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076727.D

Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 24219

Ion Ratio Lower Upper

63 100

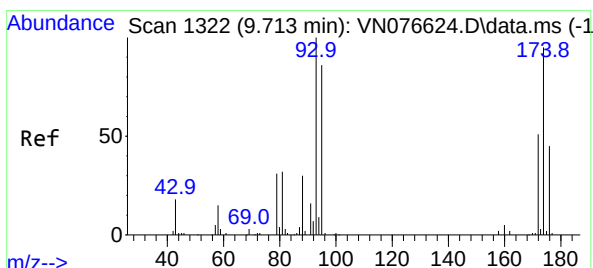
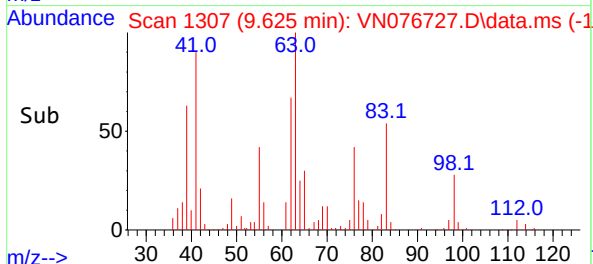
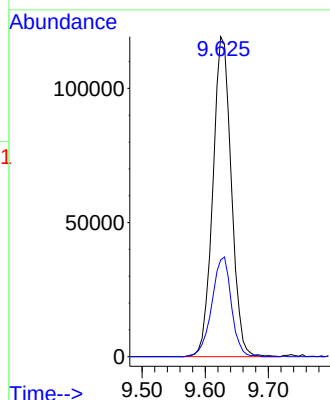
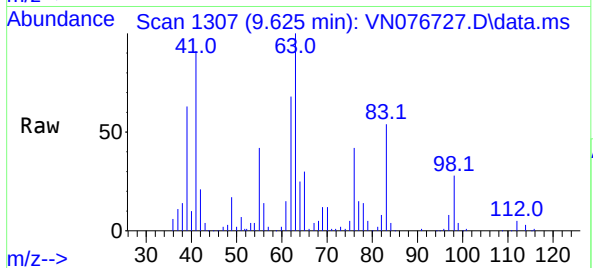
65 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#46

Dibromomethane

Concen: 47.238 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076727.D

Acq: 16 Feb 2023 21:29

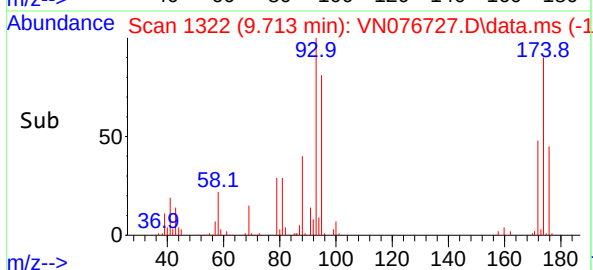
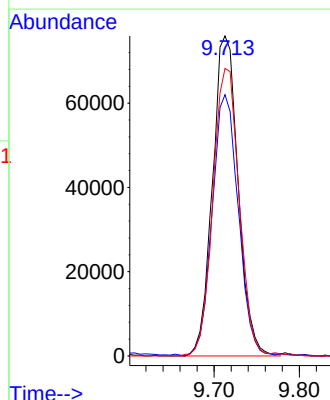
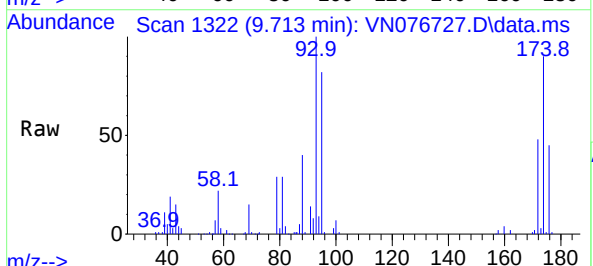
Tgt Ion: 93 Resp: 158905

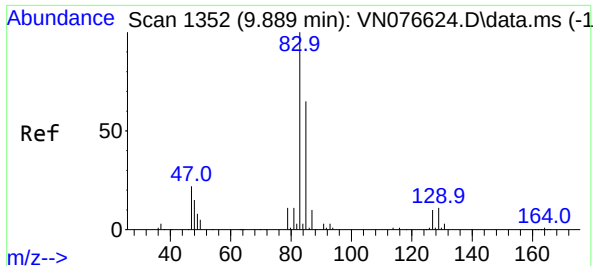
Ion Ratio Lower Upper

93 100

95 83.1 66.0 99.0

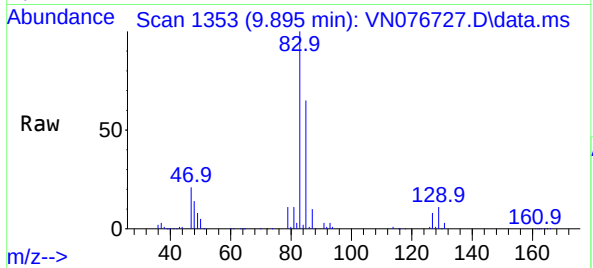
174 92.2 75.8 113.8





#47
Bromodichloromethane
Concen: 46.231 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

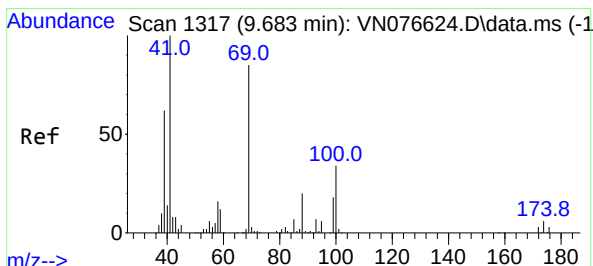
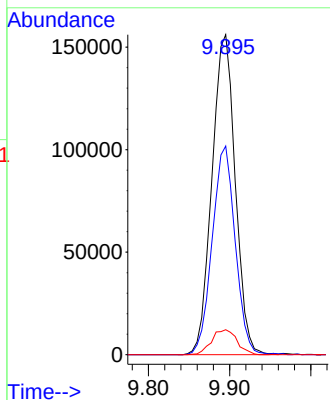
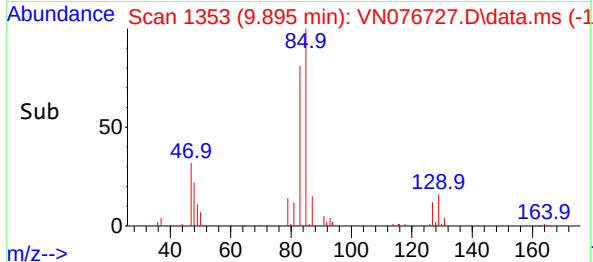
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



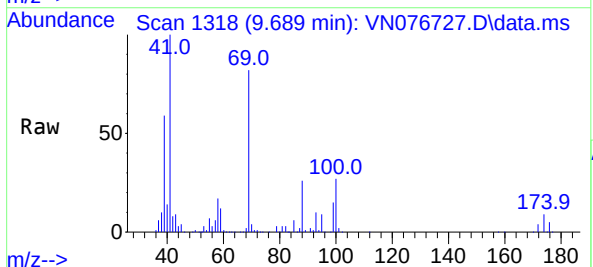
Tgt Ion: 83 Resp: 311798
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6
127 7.8 7.9 11.9

Manual Integrations
APPROVED

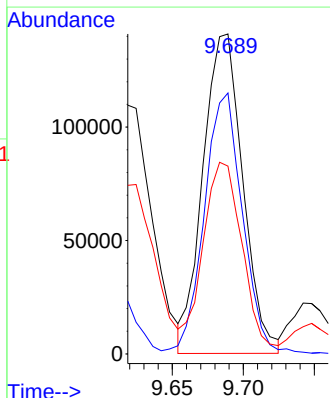
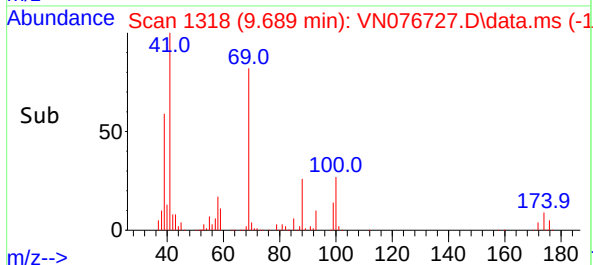
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

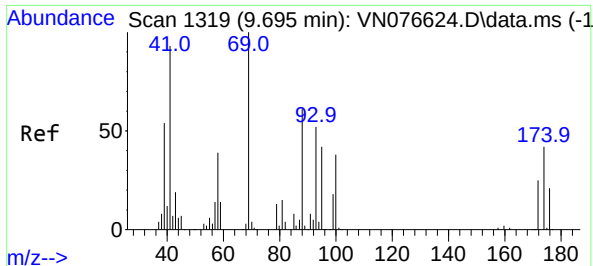


#48
Methyl methacrylate
Concen: 52.273 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



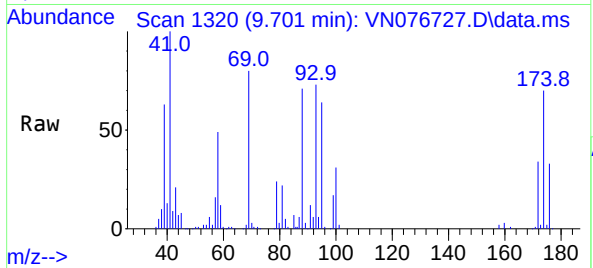
Tgt Ion: 41 Resp: 274879
Ion Ratio Lower Upper
41 100
69 78.0 65.4 98.0
39 59.5 49.3 73.9





#49
1,4-Dioxane
Concen: 1079.640 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

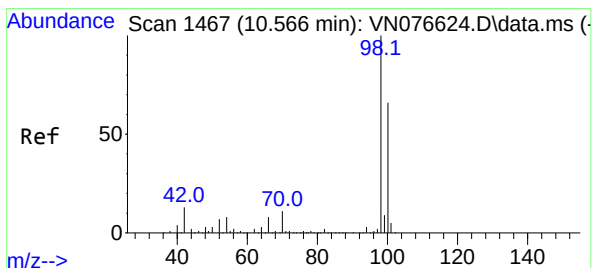
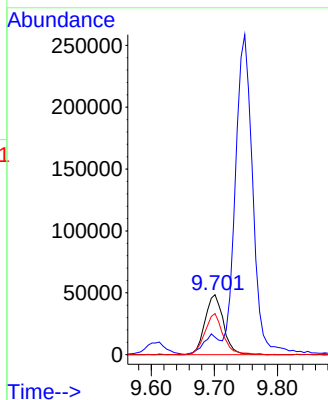
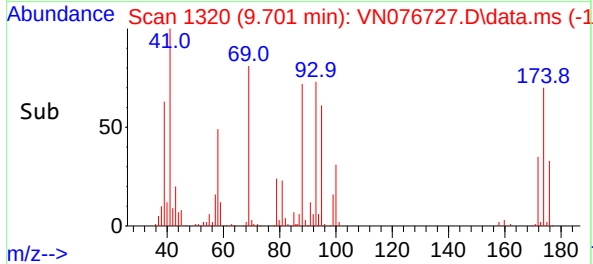
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 9820
Ion Ratio Lower Upper
88 100
43 31.0 22.6 33.8
58 68.6 57.6 86.4

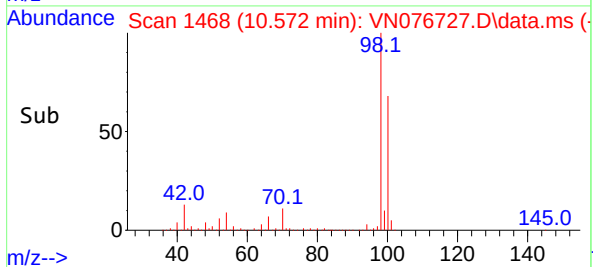
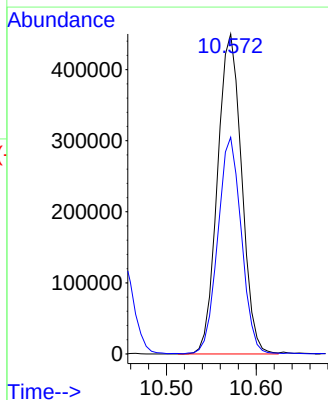
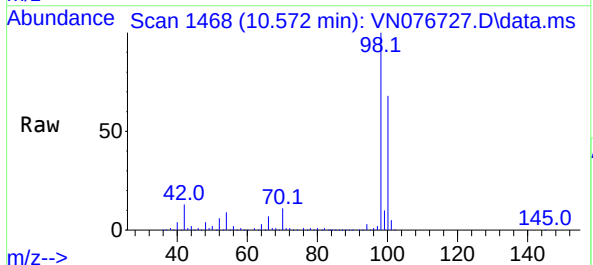
Manual Integrations
APPROVED

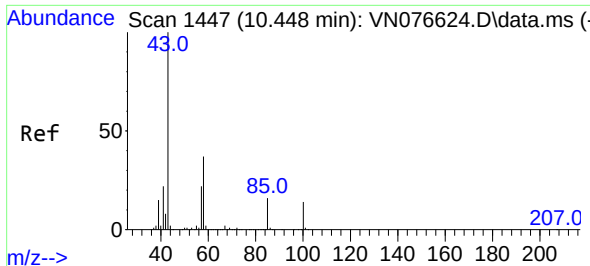
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#50
Toluene-d8
Concen: 50.257 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

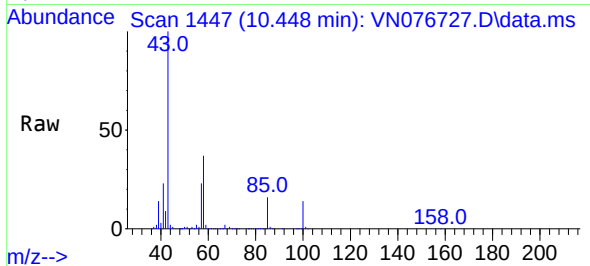
Tgt Ion: 98 Resp: 840811
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 255.208 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

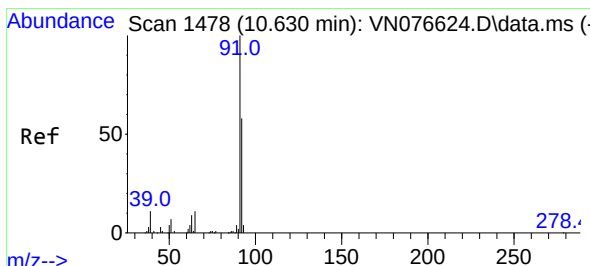
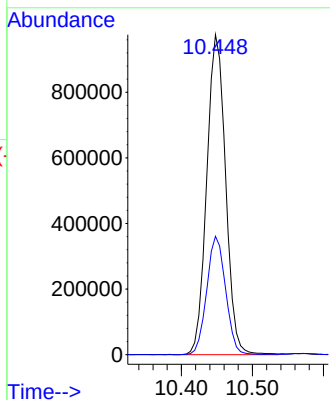
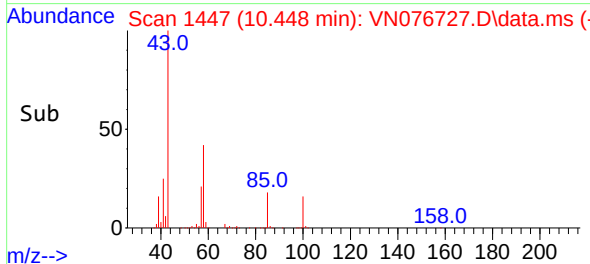
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



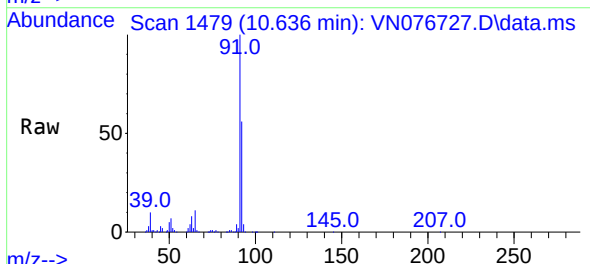
Tgt Ion: 43 Resp: 1799390
Ion Ratio Lower Upper
43 100
58 37.1 29.5 44.3

Manual Integrations
APPROVED

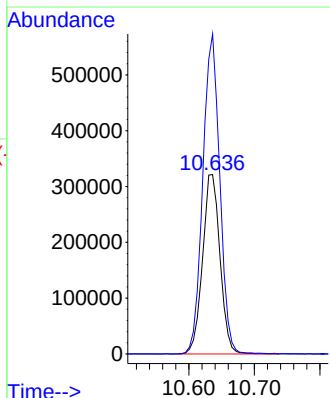
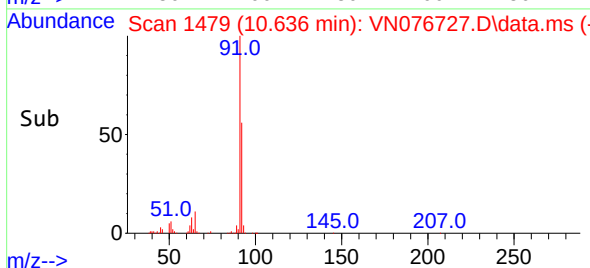
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

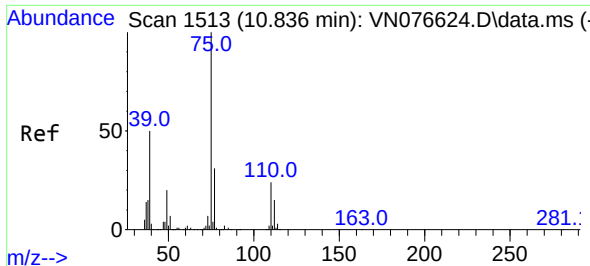


#52
Toluene
Concen: 49.547 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



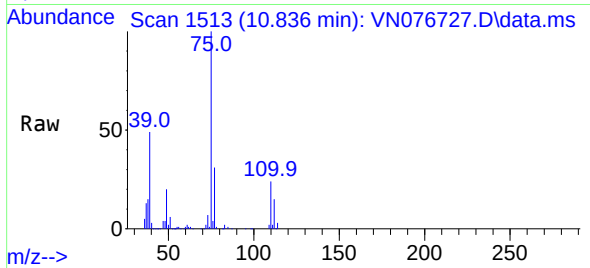
Tgt Ion: 92 Resp: 594599
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 51.283 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

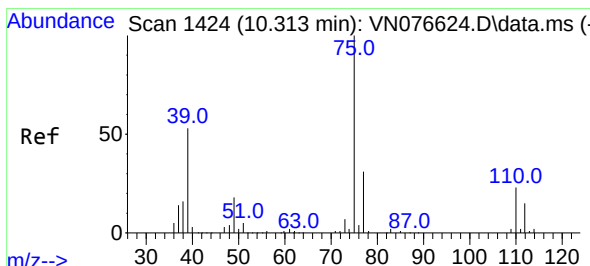
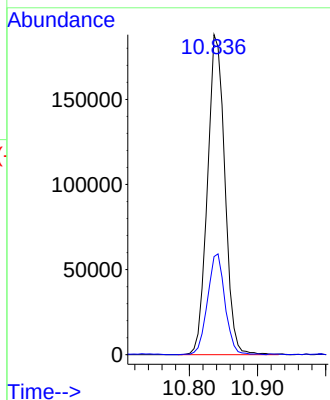
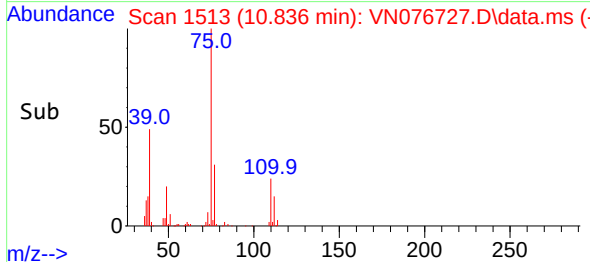
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



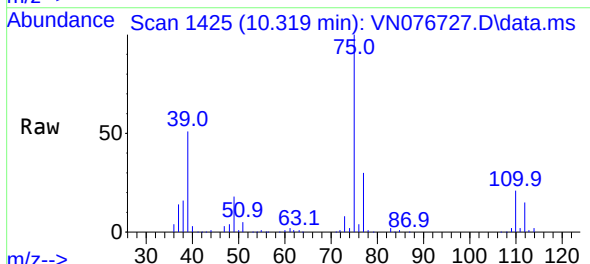
Tgt Ion: 75 Resp: 333835
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0

Manual Integrations
APPROVED

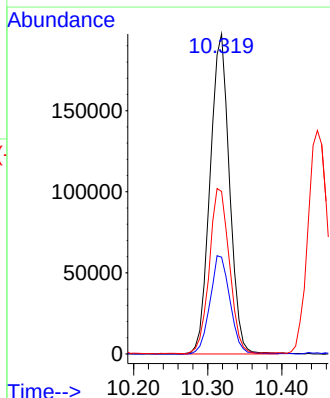
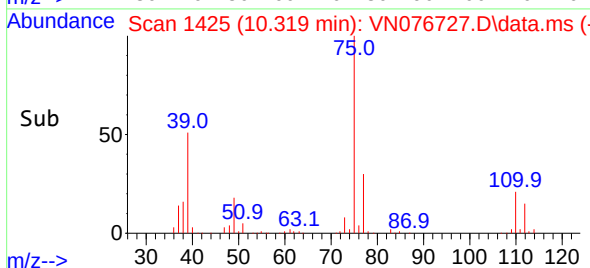
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

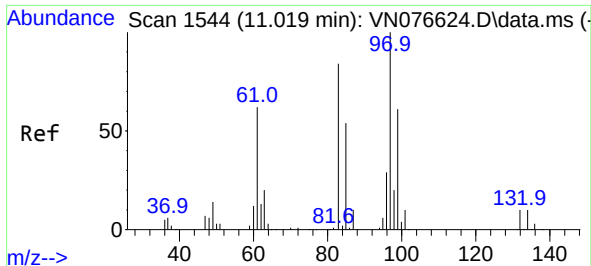


#54
cis-1,3-Dichloropropene
Concen: 47.826 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 75 Resp: 359115
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7
39 50.6 42.3 63.5





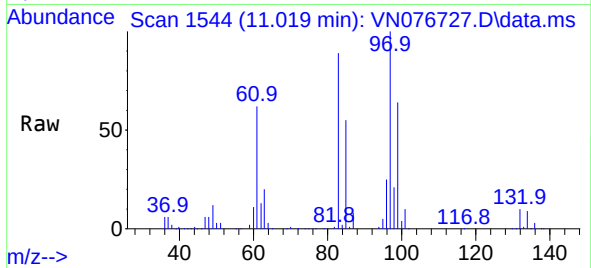
#55
1,1,2-Trichloroethane
Concen: 48.199 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

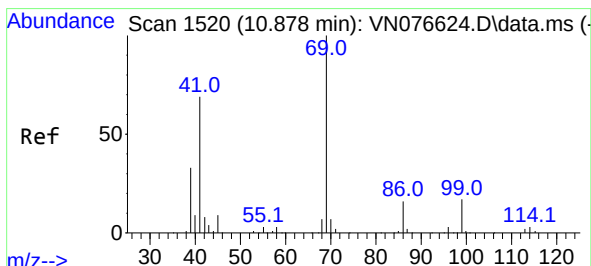
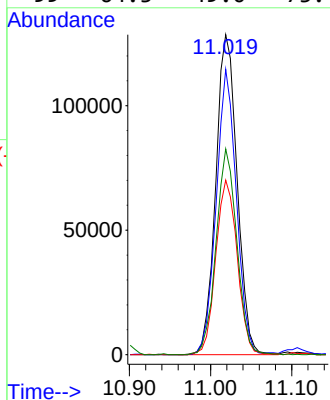
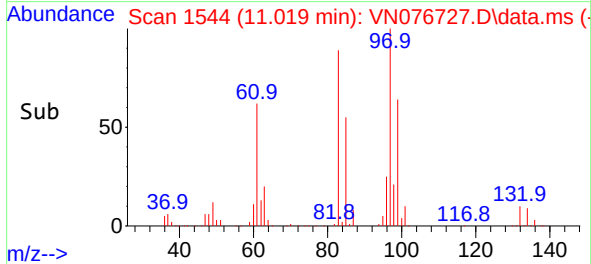


Tgt Ion: 97 Resp: 235200
Ion Ratio Lower Upper
97 100
83 89.2 67.3 100.9
85 54.6 43.2 64.8
99 64.3 49.0 73.4

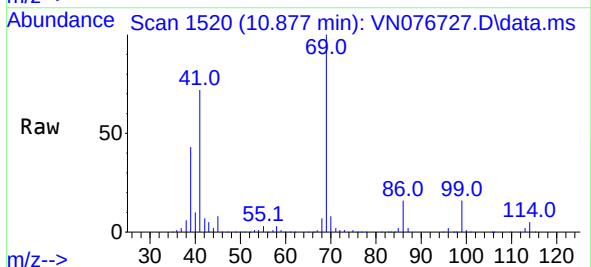
Manual Integrations

APPROVED

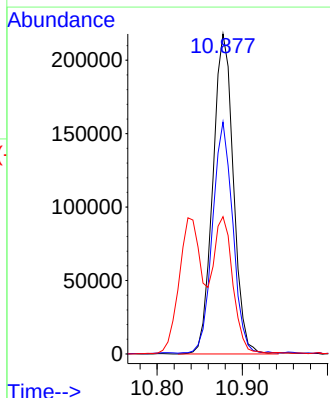
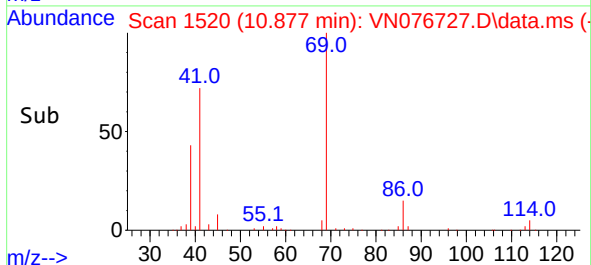
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

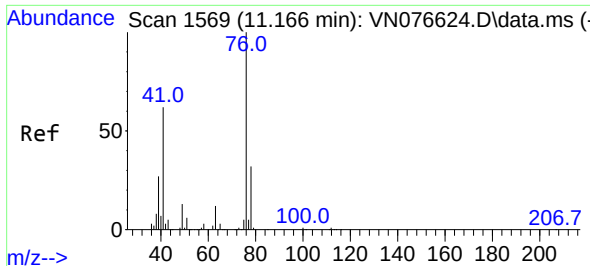


#56
Ethyl methacrylate
Concen: 53.131 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 69 Resp: 364946
Ion Ratio Lower Upper
69 100
41 71.2 55.1 82.7
39 39.2 30.7 46.1





#57

1,3-Dichloropropane

Concen: 48.131 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076727.D

Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 40351

Ion Ratio Lower Upper

76 100

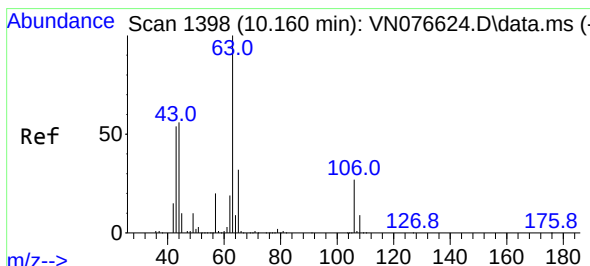
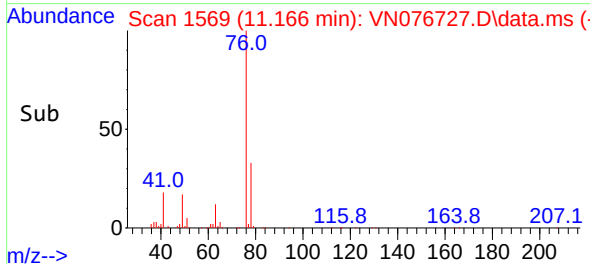
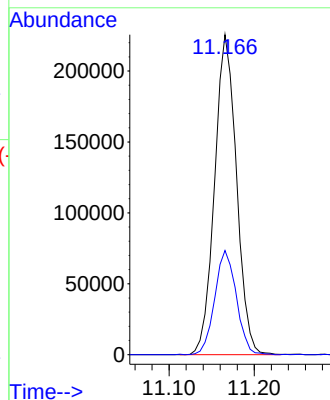
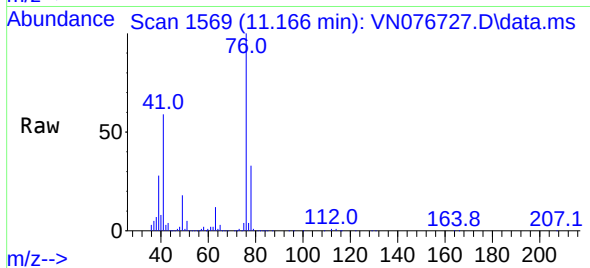
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 262.493 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076727.D

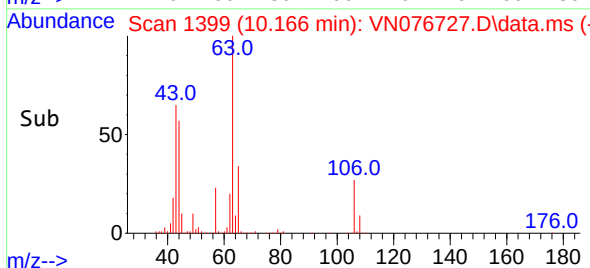
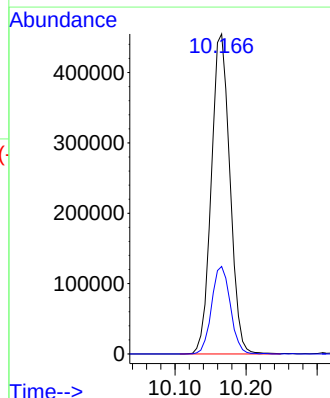
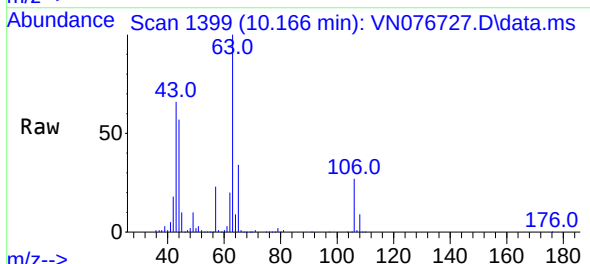
Acq: 16 Feb 2023 21:29

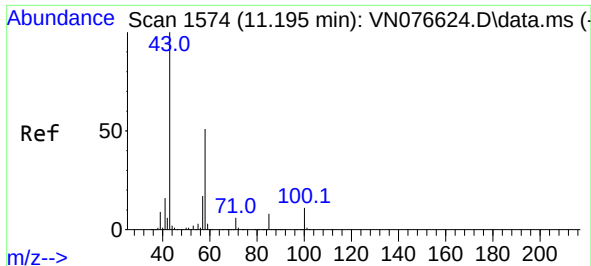
Tgt Ion: 63 Resp: 825735

Ion Ratio Lower Upper

63 100

106 27.6 22.3 33.5





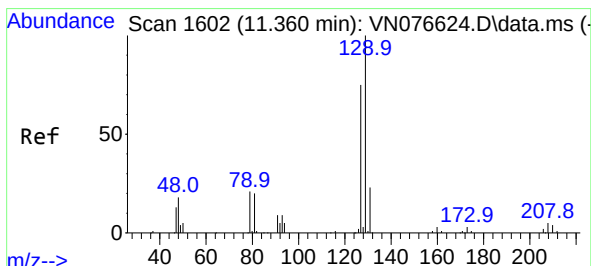
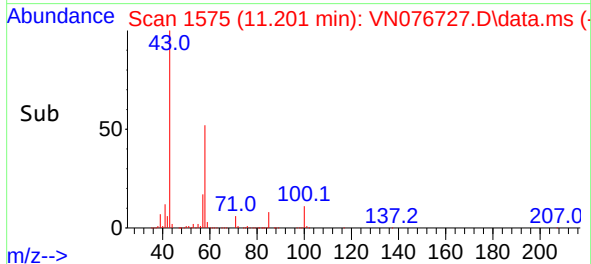
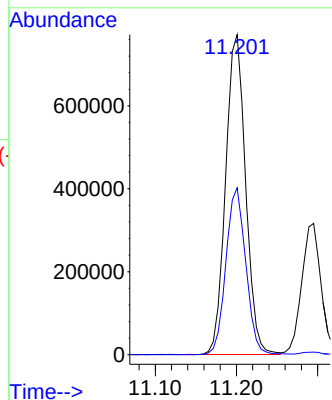
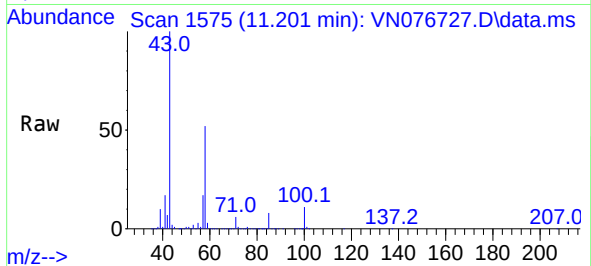
#59
2-Hexanone
Concen: 260.162 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1322600
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.0

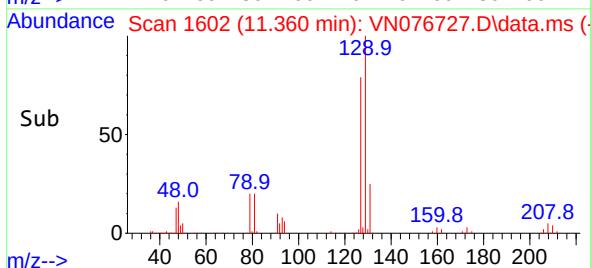
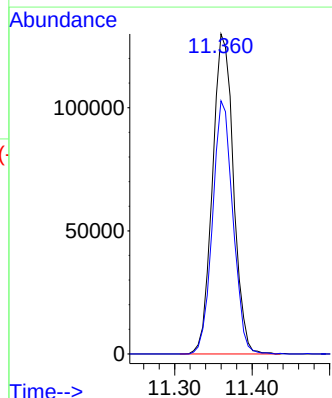
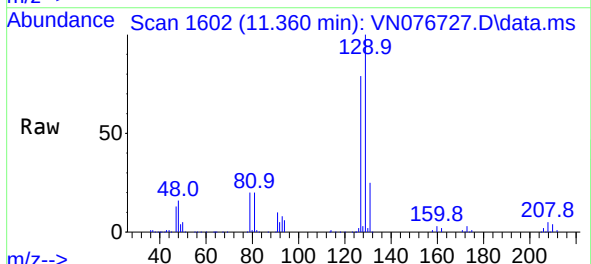
Manual Integrations
APPROVED

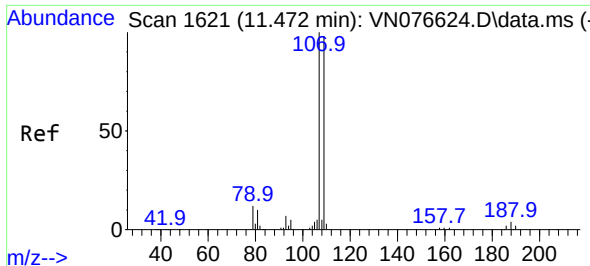
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
Dibromochloromethane
Concen: 47.429 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

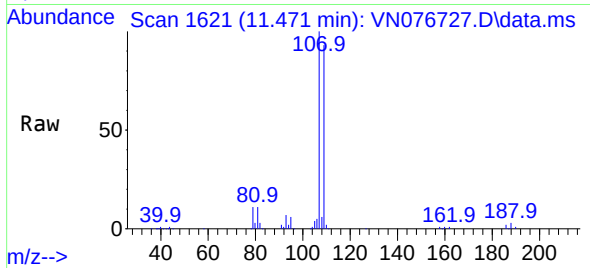
Tgt Ion:129 Resp: 243927
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.800 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

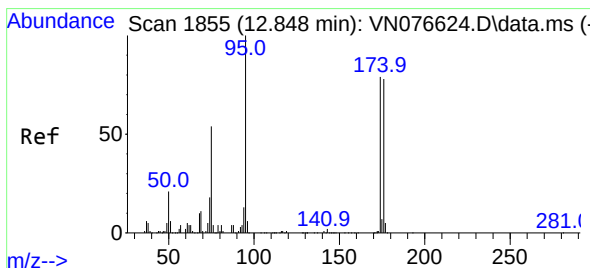
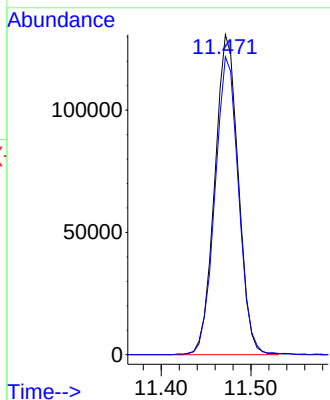
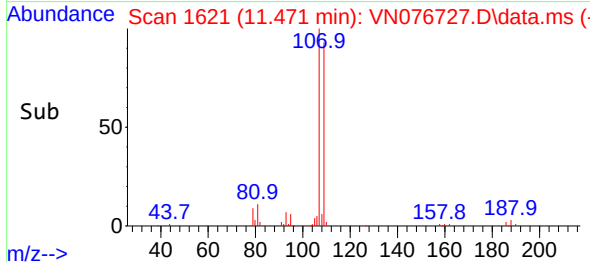
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



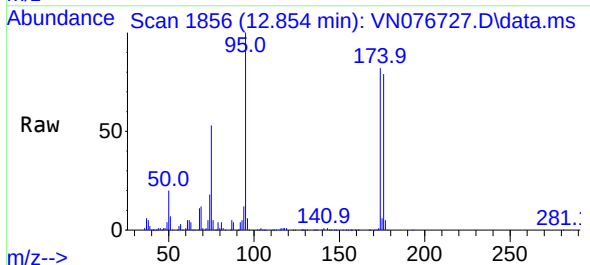
Tgt Ion:107 Resp: 238364
Ion Ratio Lower Upper
107 100
109 93.6 76.8 115.2

Manual Integrations
APPROVED

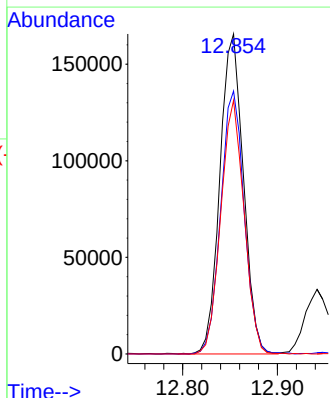
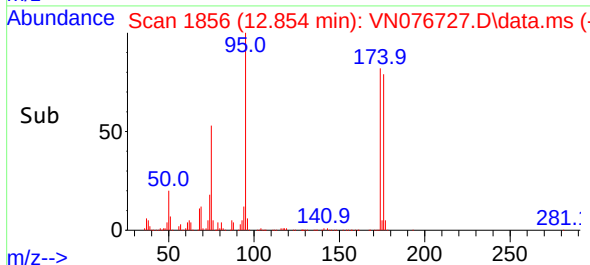
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

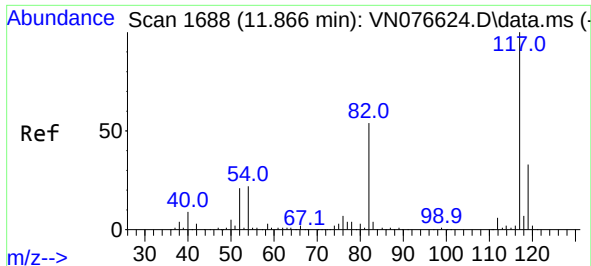


#62
4-Bromofluorobenzene
Concen: 51.471 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



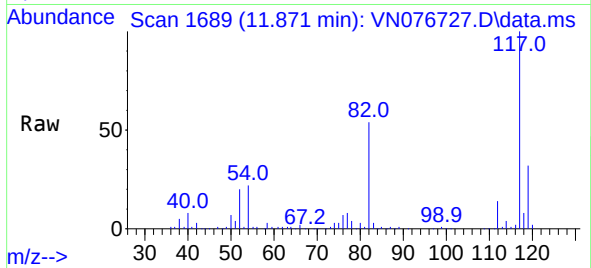
Tgt Ion: 95 Resp: 285209
Ion Ratio Lower Upper
95 100
174 82.3 0.0 169.2
176 78.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

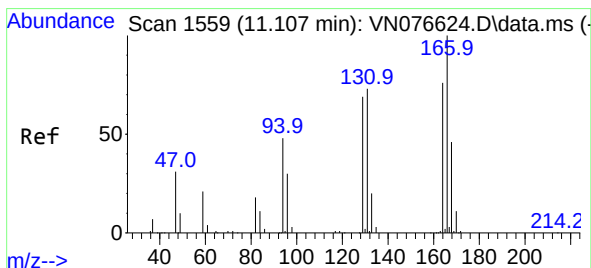
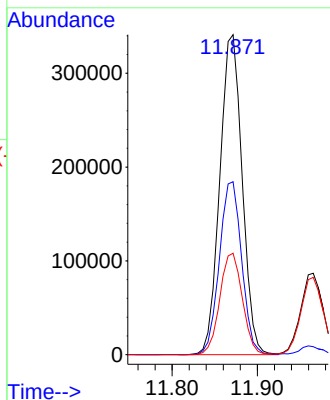
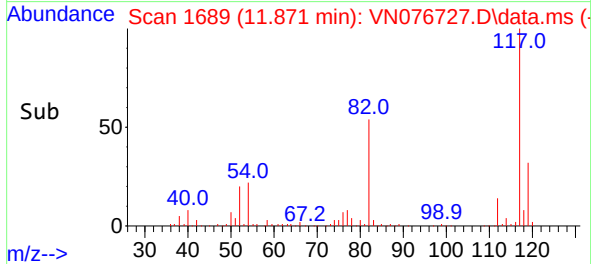
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



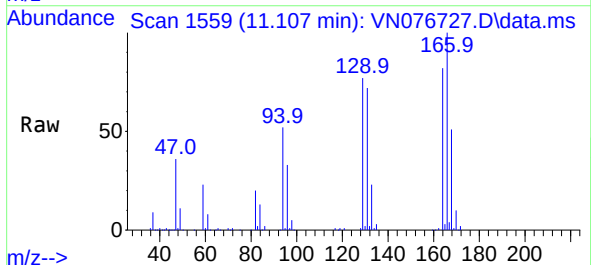
Tgt Ion:117 Resp: 622000
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.2
119 31.7 26.1 39.1

Manual Integrations
APPROVED

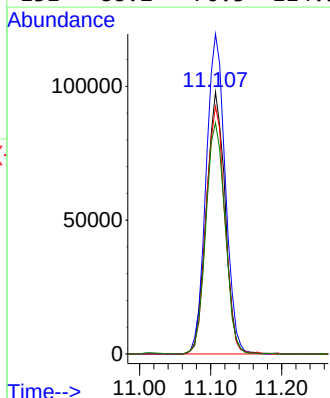
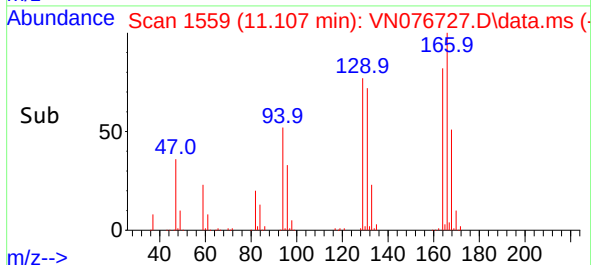
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

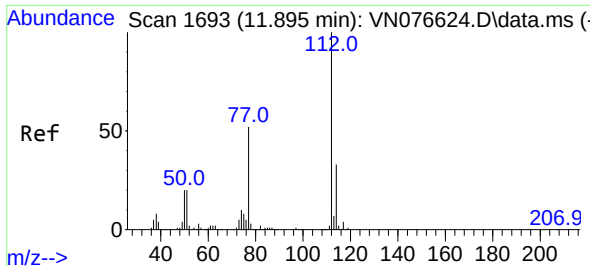


#64
Tetrachloroethene
Concen: 45.737 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



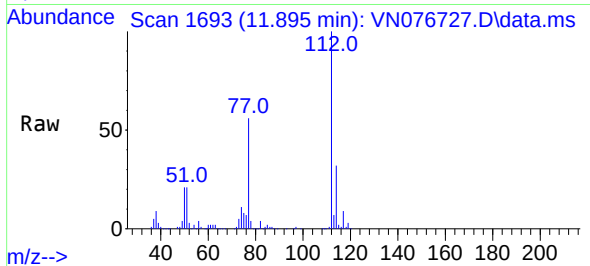
Tgt Ion:164 Resp: 179281
Ion Ratio Lower Upper
164 100
166 122.2 104.8 157.2
129 94.5 72.2 108.2
131 88.2 76.3 114.5





#65
Chlorobenzene
Concen: 47.442 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

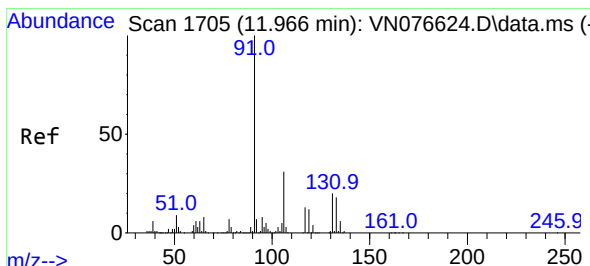
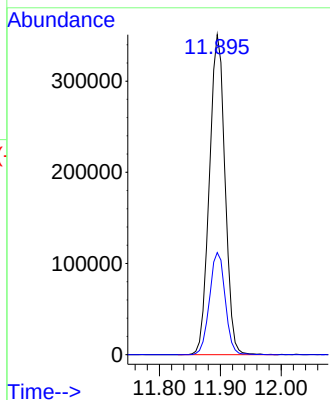
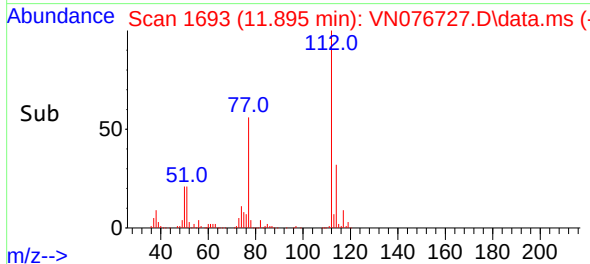
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



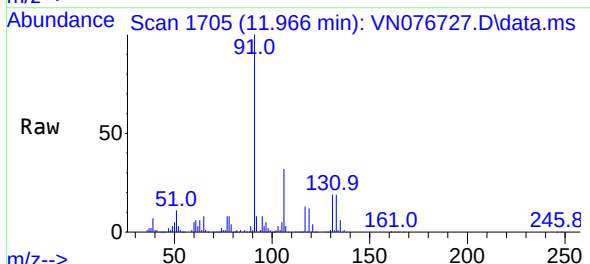
Tgt Ion:112 Resp: 625378
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6

Manual Integrations
APPROVED

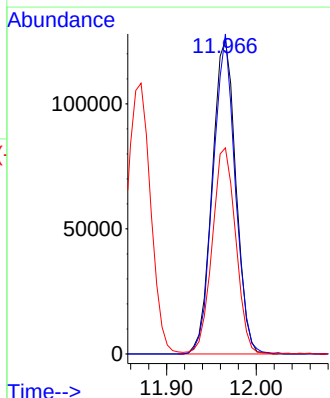
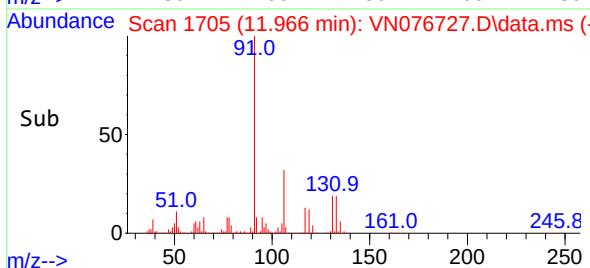
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

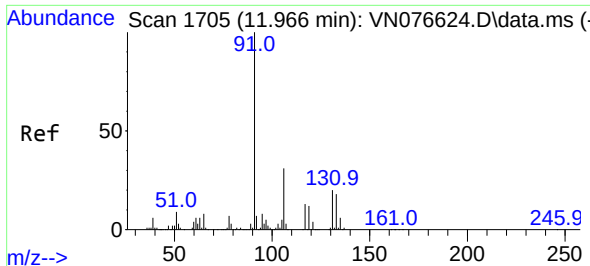


#66
1,1,1,2-Tetrachloroethane
Concen: 47.978 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



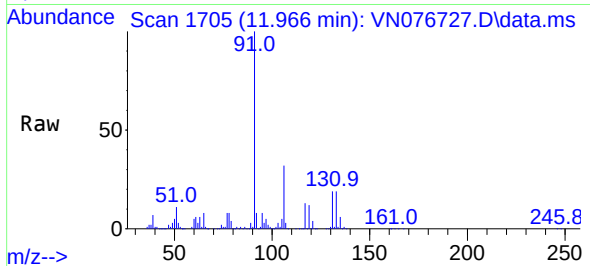
Tgt Ion:131 Resp: 229718
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 65.4 32.3 96.8





#67
Ethyl Benzene
Concen: 50.091 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

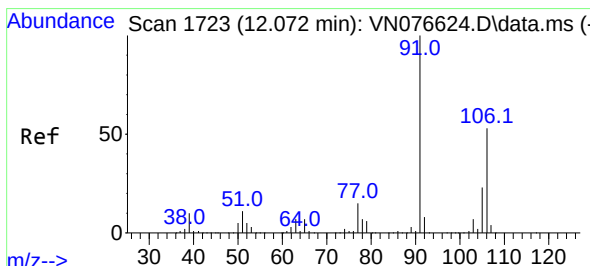
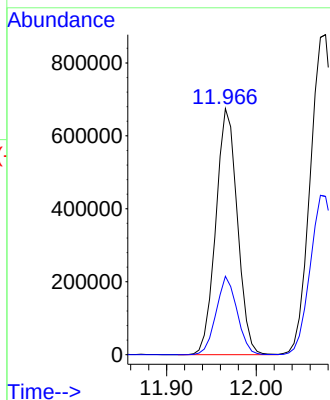
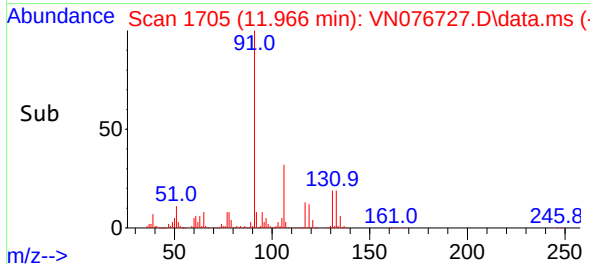
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



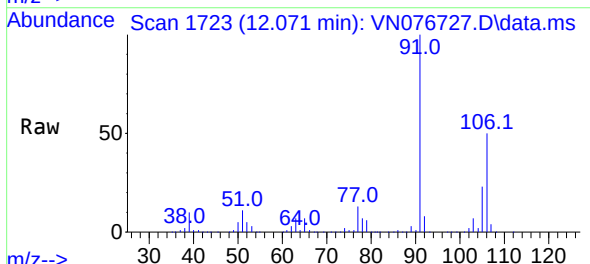
Tgt Ion: 91 Resp: 1124920
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7

Manual Integrations
APPROVED

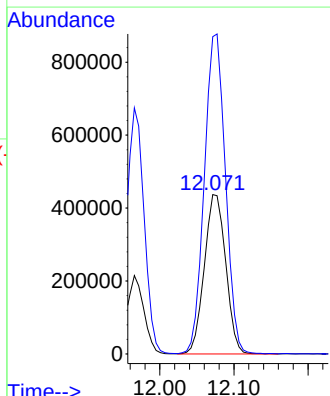
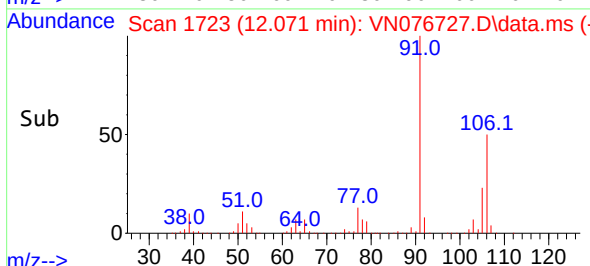
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

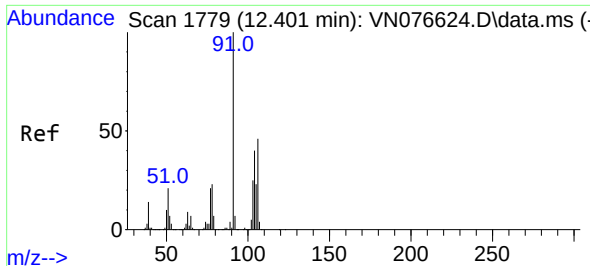


#68
m/p-Xylenes
Concen: 101.204 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



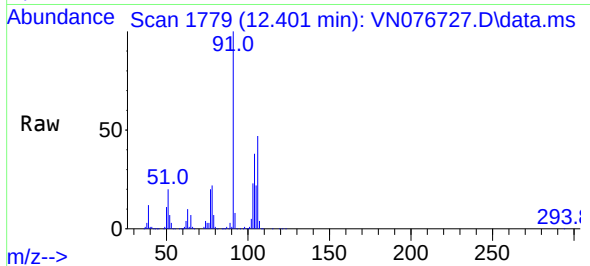
Tgt Ion:106 Resp: 876057
Ion Ratio Lower Upper
106 100
91 197.7 154.7 232.1





#69
o-Xylene
Concen: 51.666 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

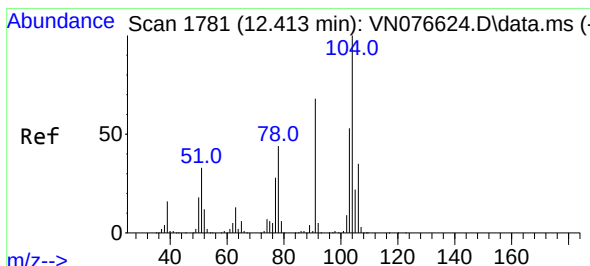
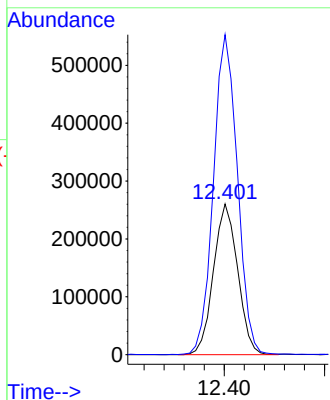
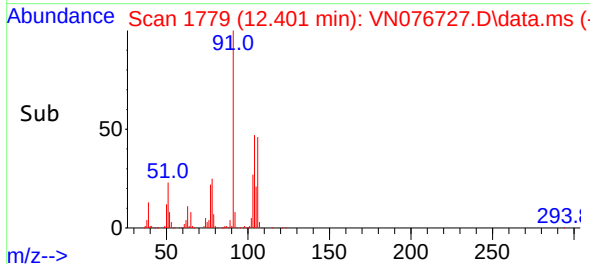
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



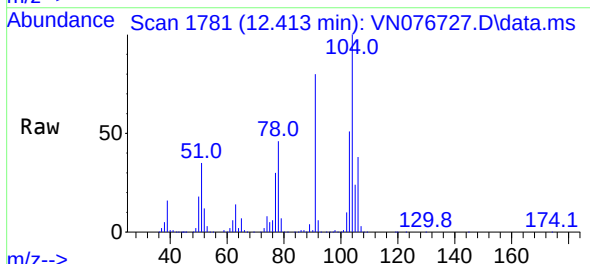
Tgt Ion:106 Resp: 436188
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.4

Manual Integrations
APPROVED

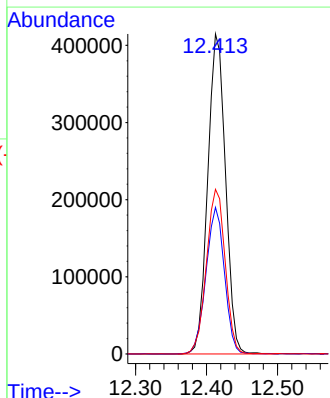
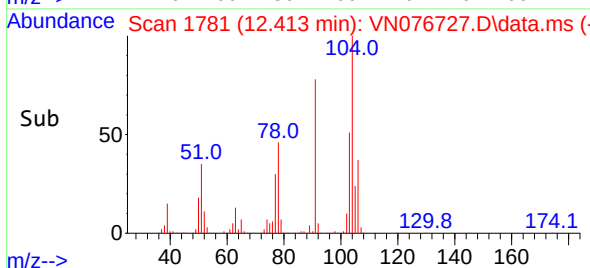
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

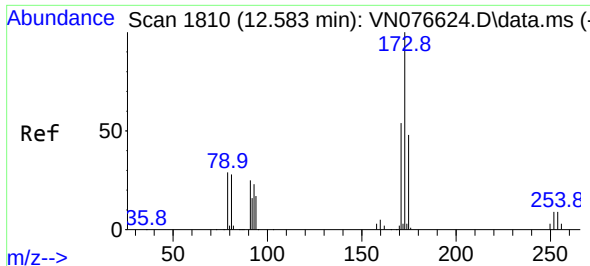


#70
Styrene
Concen: 52.785 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



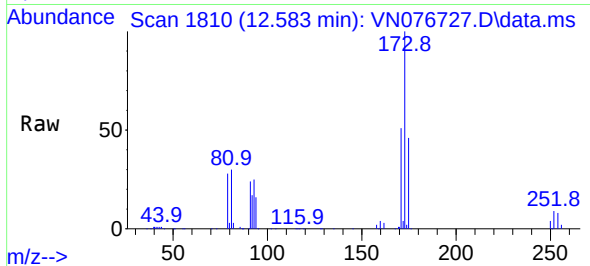
Tgt Ion:104 Resp: 720629
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 54.5 44.2 66.4





#71
Bromoform
Concen: 49.778 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

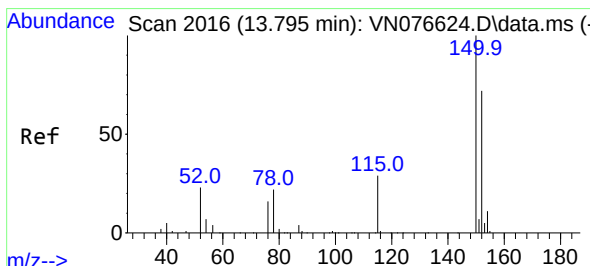
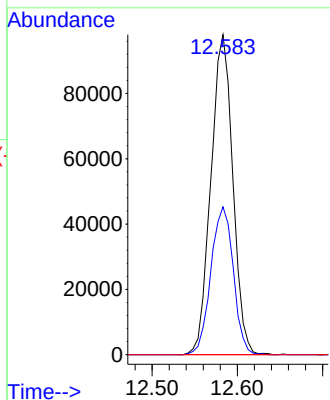
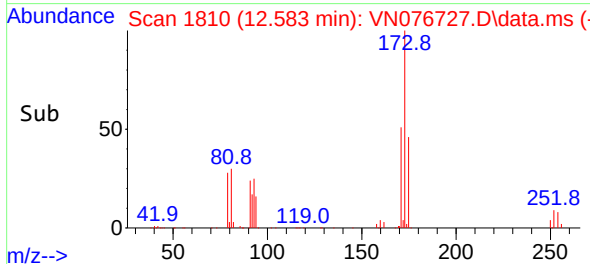
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



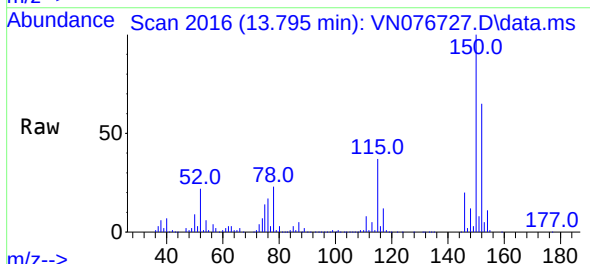
Tgt Ion:173 Resp: 174820
Ion Ratio Lower Upper
173 100
175 47.3 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

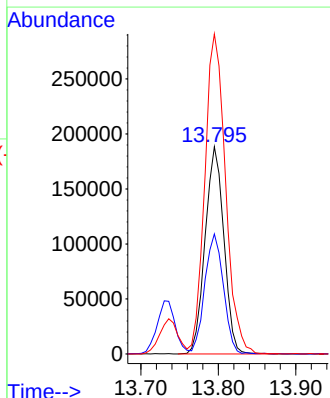
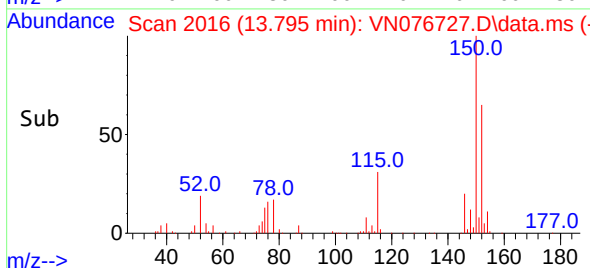
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

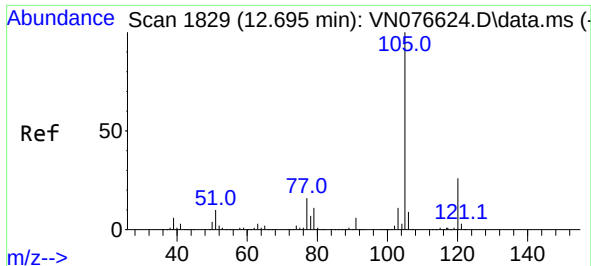


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion:152 Resp: 316681
Ion Ratio Lower Upper
152 100
115 57.2 29.3 87.9
150 171.1 0.0 349.8





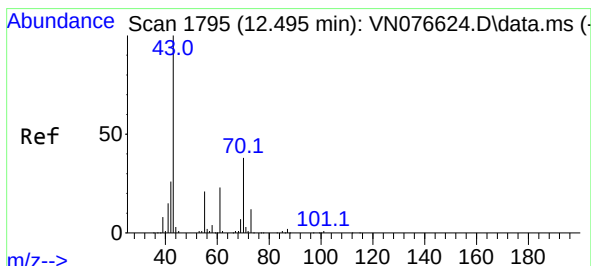
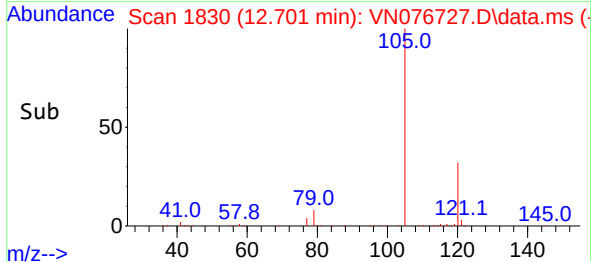
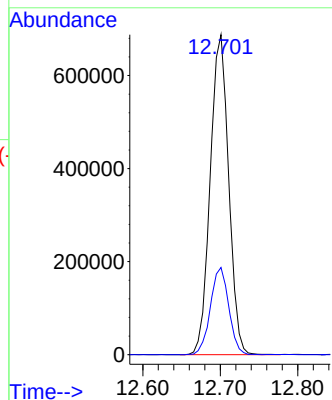
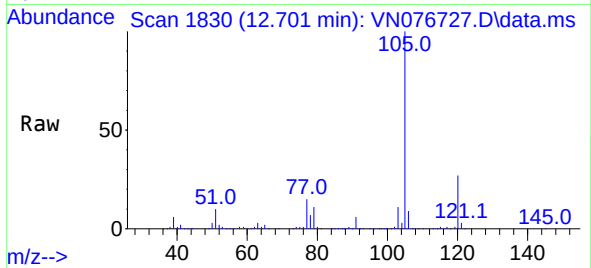
#73
Isopropylbenzene
Concen: 48.956 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 113633
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

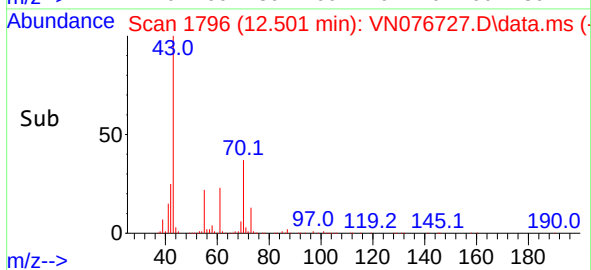
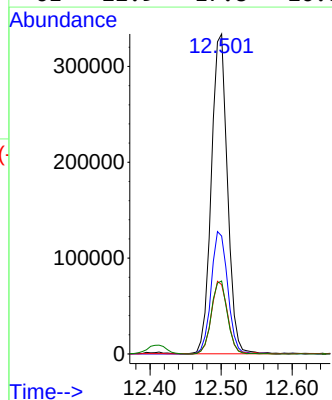
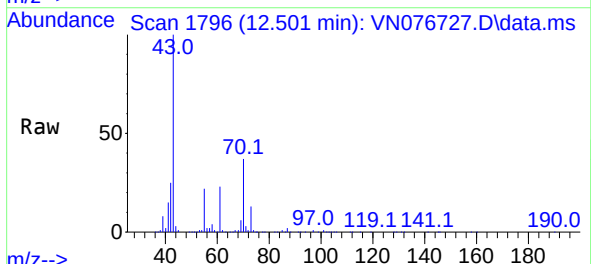
Manual Integrations
APPROVED

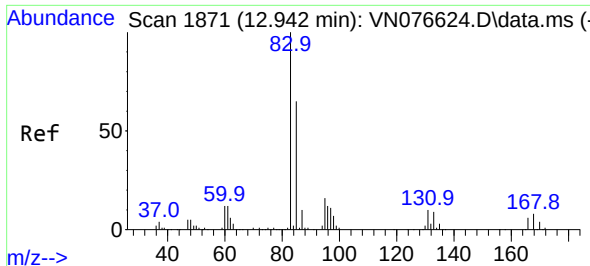
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#74
N-ethyl acetate
Concen: 50.203 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

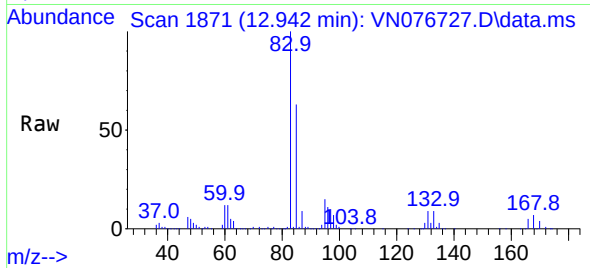
Tgt Ion: 43 Resp: 525249
Ion Ratio Lower Upper
43 100
70 39.3 30.5 45.7
55 22.9 17.8 26.8
61 22.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.093 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

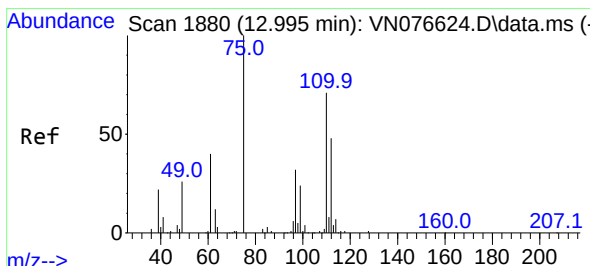
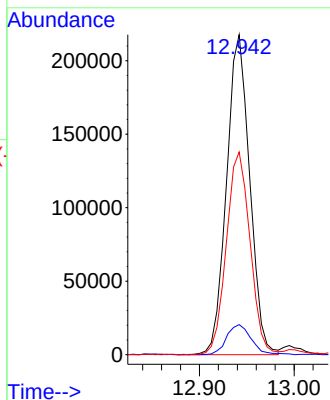
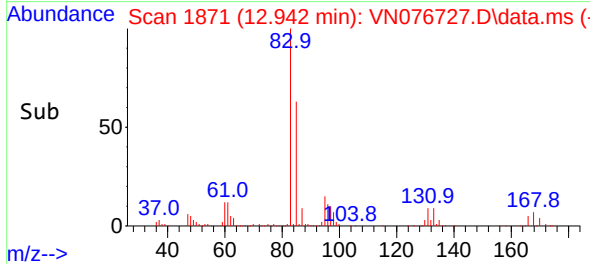
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



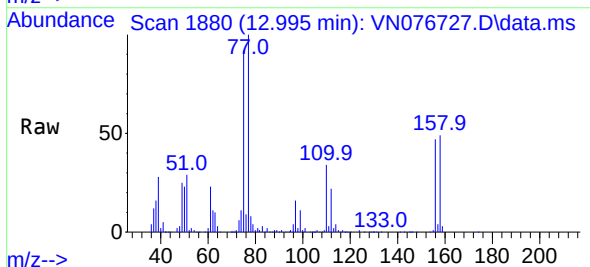
Tgt Ion: 83 Resp: 370469
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.8 31.8 95.3

Manual Integrations
APPROVED

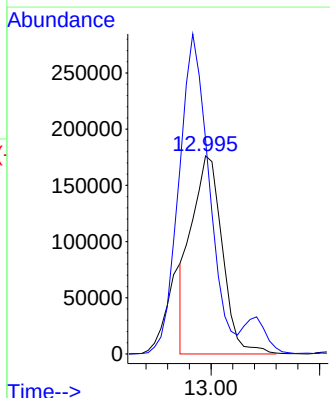
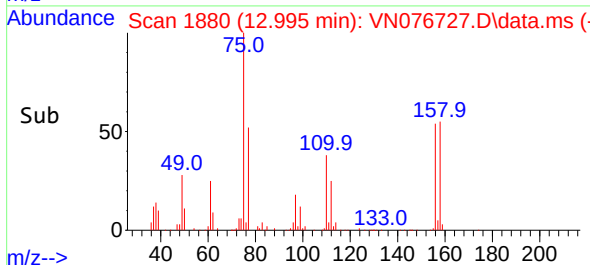
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

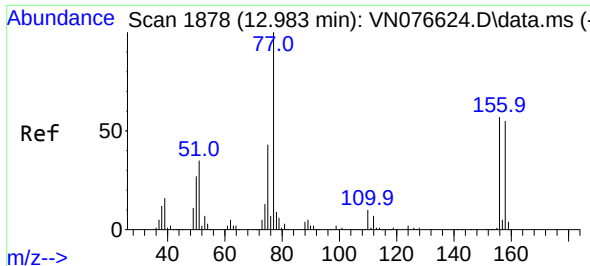


#76
1,2,3-Trichloropropane
Concen: 54.429 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



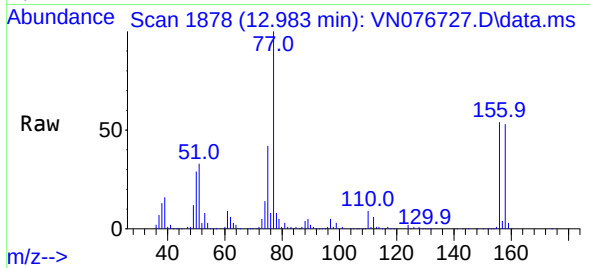
Tgt Ion: 75 Resp: 348476
Ion Ratio Lower Upper
75 100
77 158.0 93.1 279.3





#77
Bromobenzene
Concen: 46.125 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

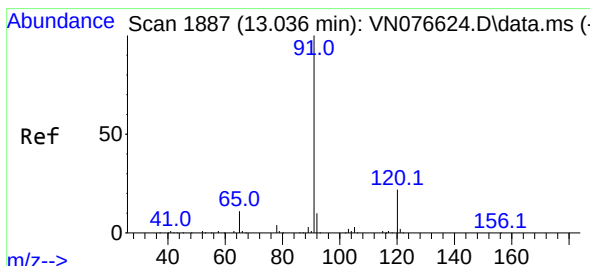
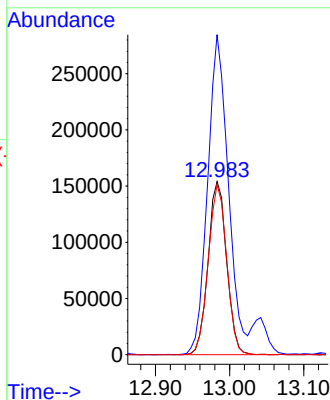
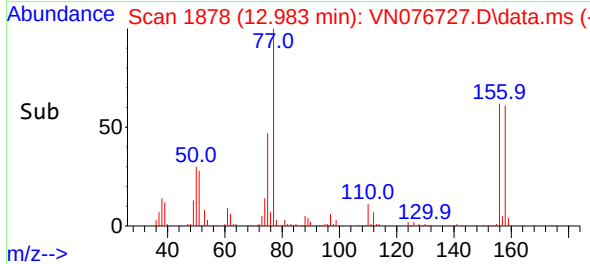
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



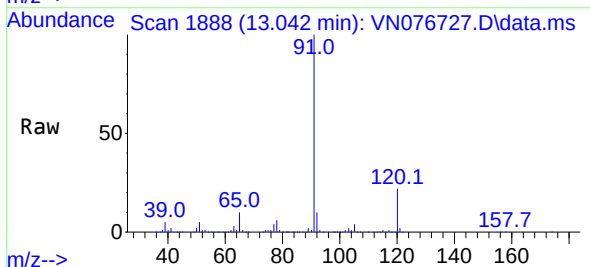
Tgt Ion:156 Resp: 26712
Ion Ratio Lower Upper
156 100
77 206.1 102.8 308.4
158 98.0 48.9 146.6

Manual Integrations
APPROVED

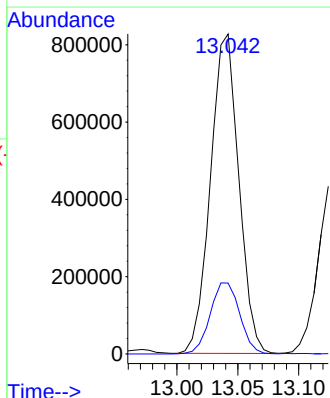
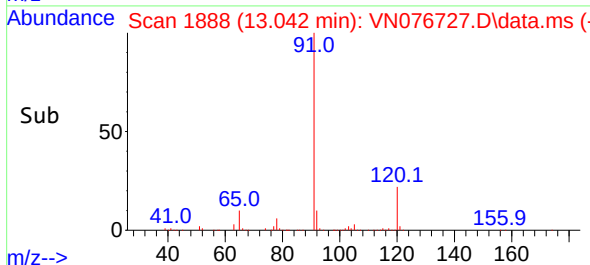
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

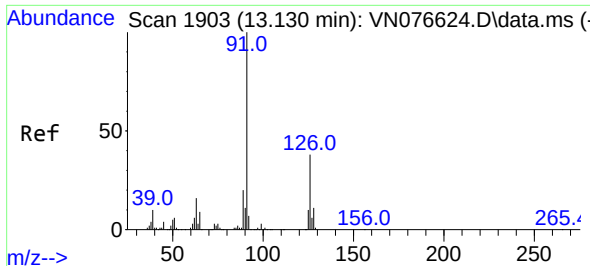


#78
n-propylbenzene
Concen: 49.057 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



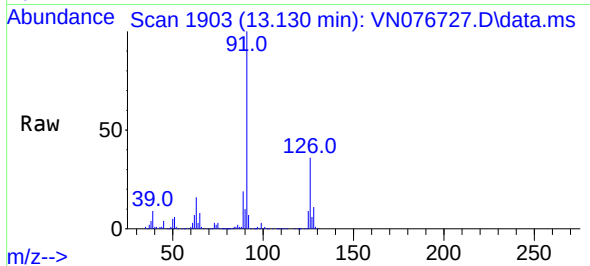
Tgt Ion: 91 Resp: 1337115
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79
2-Chlorotoluene
Concen: 47.059 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

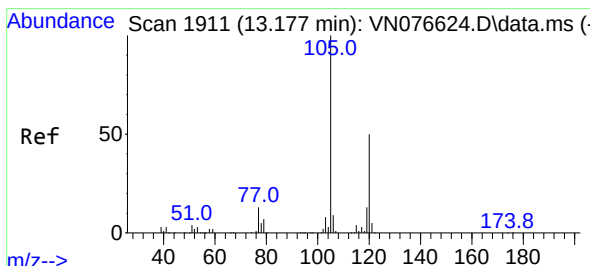
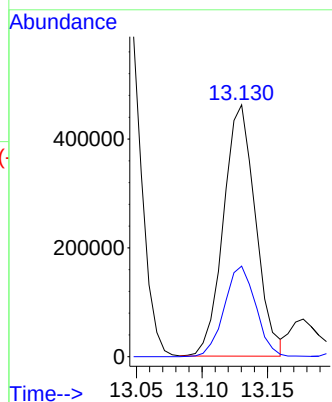
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



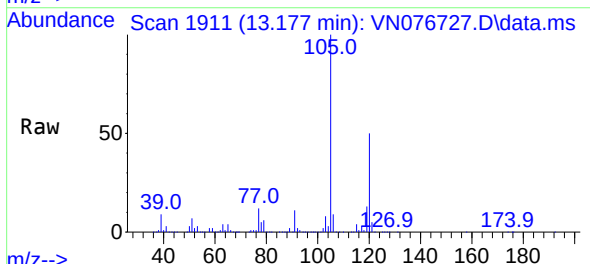
Tgt Ion: 91 Resp: 785354
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1

Manual Integrations
APPROVED

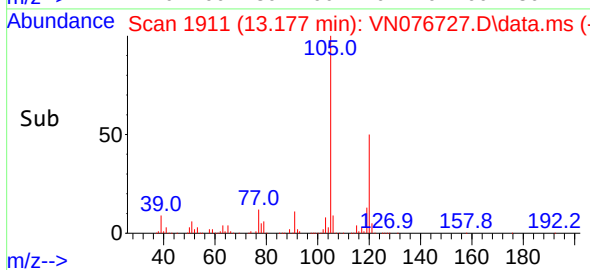
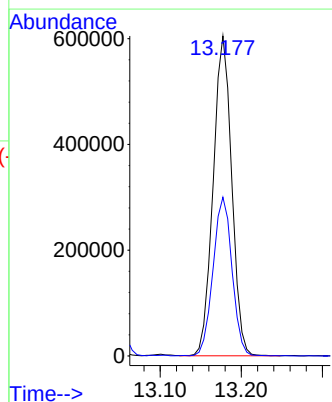
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

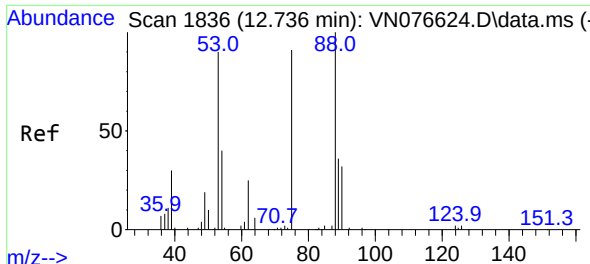


#80
1,3,5-Trimethylbenzene
Concen: 50.045 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



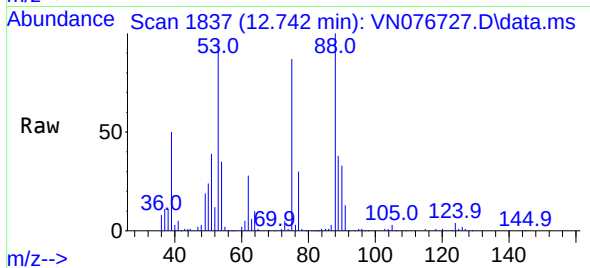
Tgt Ion:105 Resp: 960009
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 52.735 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

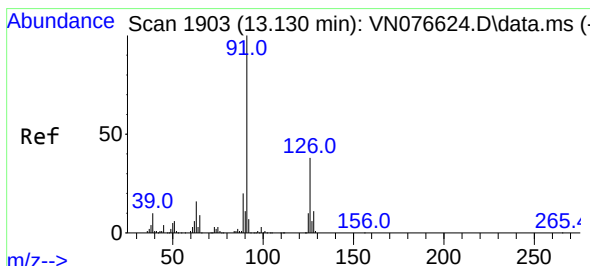
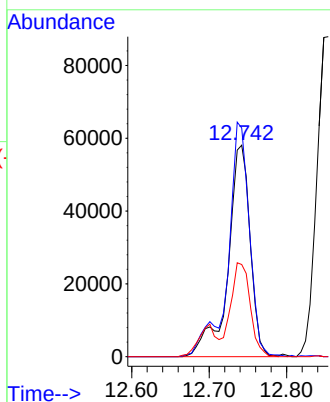
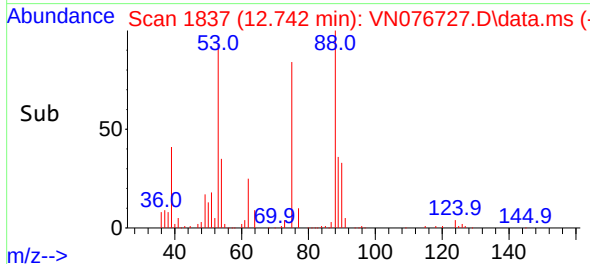
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



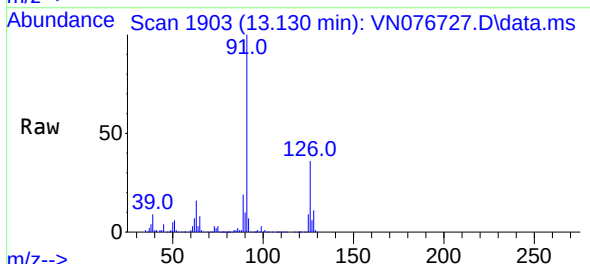
Tgt Ion: 75 Resp: 11592
Ion Ratio Lower Upper
75 100
53 107.4 92.1 138.1
89 39.4 37.5 56.3

Manual Integrations
APPROVED

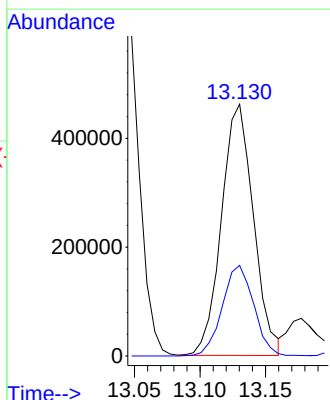
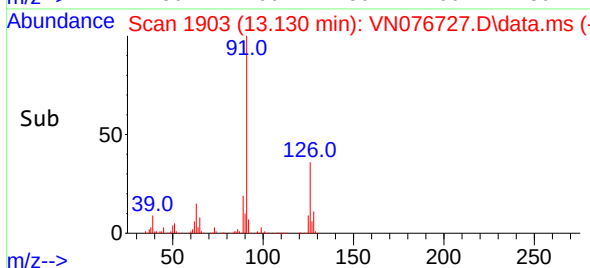
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

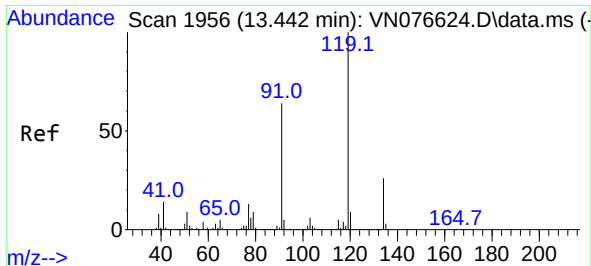


#82
4-Chlorotoluene
Concen: 47.059 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion: 91 Resp: 785354
Ion Ratio Lower Upper
91 100
126 35.4 17.7 53.1





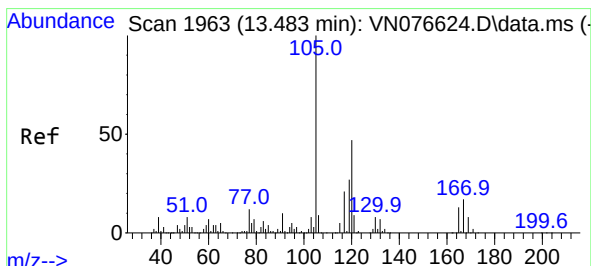
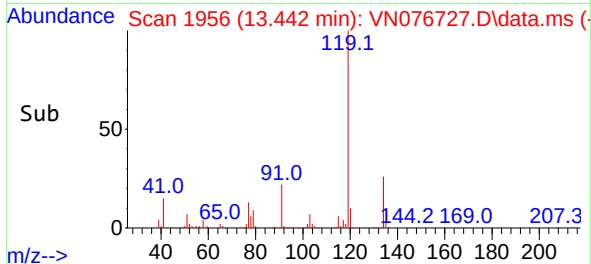
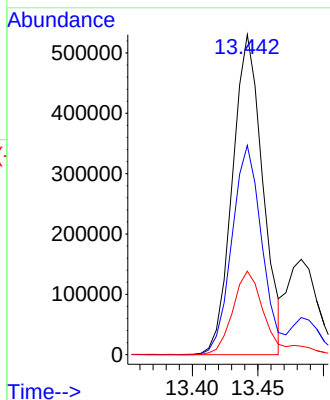
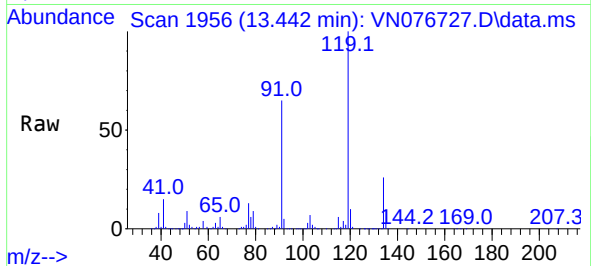
#83
tert-Butylbenzene
Concen: 49.167 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 853224
Ion Ratio Lower Upper
119 100
91 65.3 32.0 96.2
134 28.3 13.8 41.4

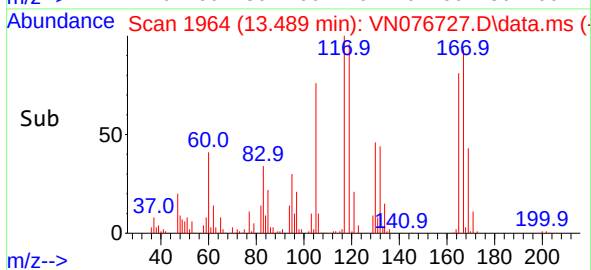
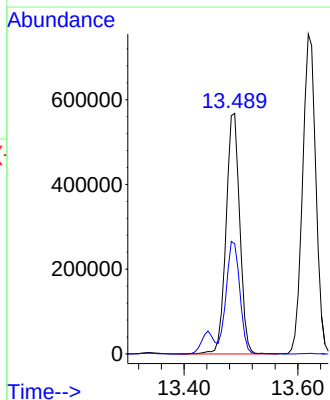
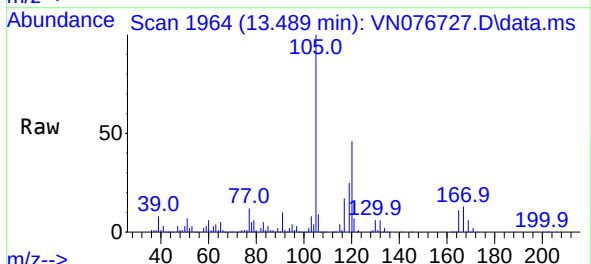
Manual Integrations
APPROVED

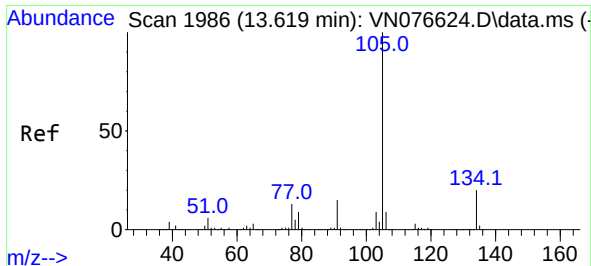
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.876 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Tgt Ion:105 Resp: 953538
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 50.476 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076727.D
 Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

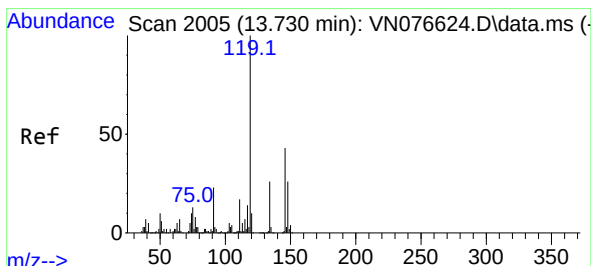
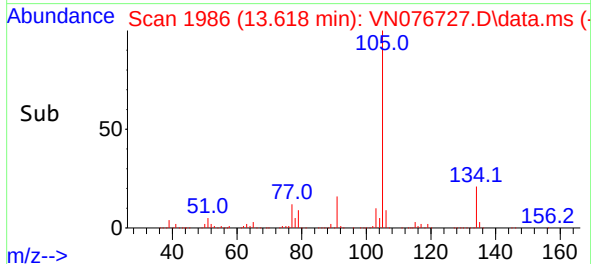
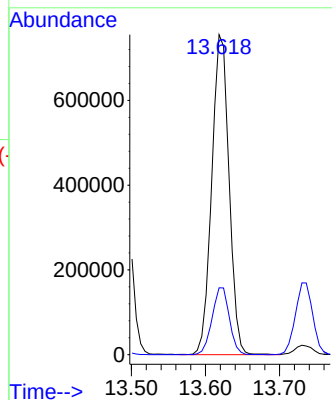
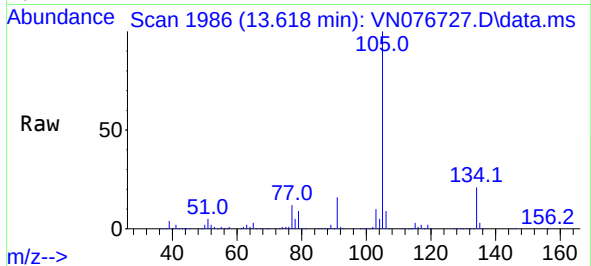
VSTDCCC050EC

Tgt Ion:105 Resp: 1222938
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

Manual Integrations

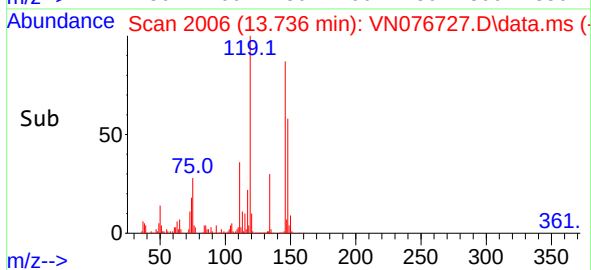
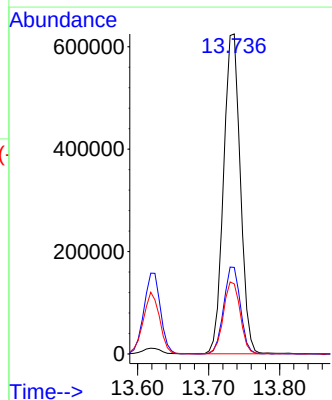
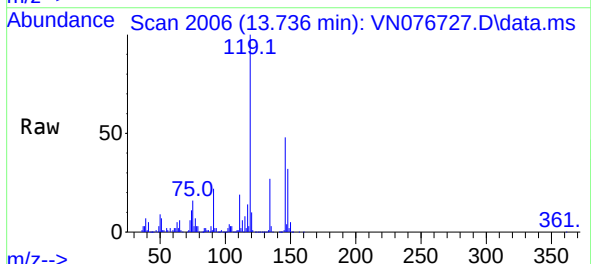
APPROVED

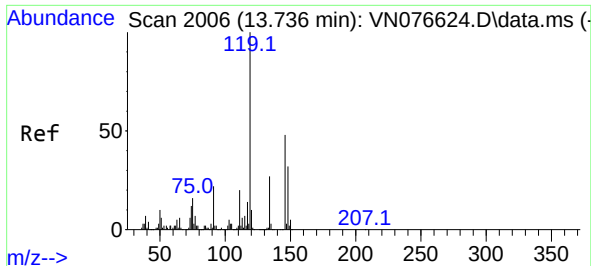
Reviewed By :John Carlone 02/17/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#86
 p-Isopropyltoluene
 Concen: 52.742 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076727.D
 Acq: 16 Feb 2023 21:29

Tgt Ion:119 Resp: 1020401
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.1
 91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 46.640 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076727.D

Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 510578

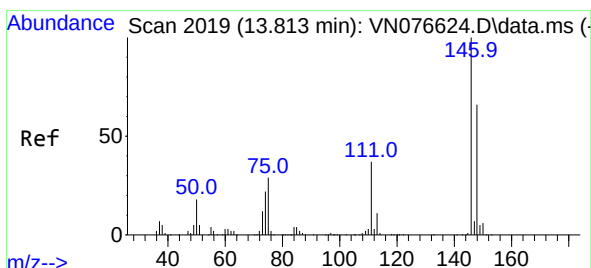
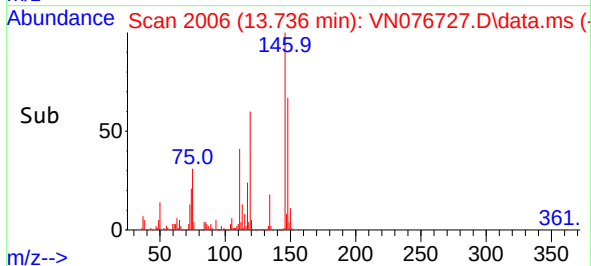
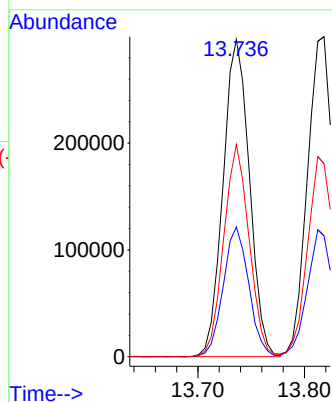
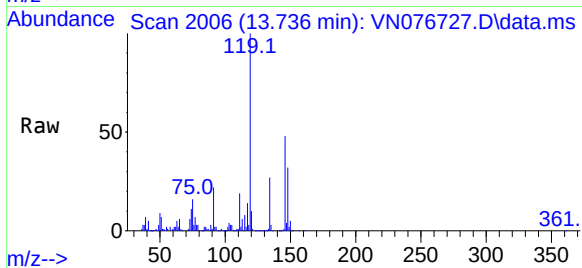
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	64.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/17/2023

Supervised By :Mahesh Dadoda 02/18/2023



#88

1,4-Dichlorobenzene

Concen: 47.146 ug/l

RT: 13.818 min Scan# 2020

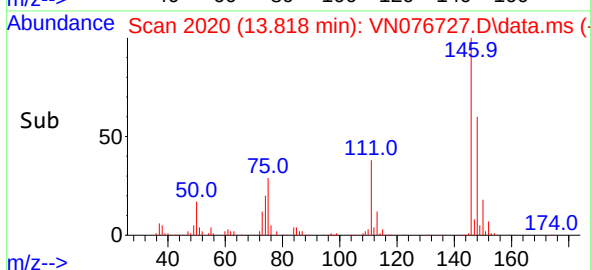
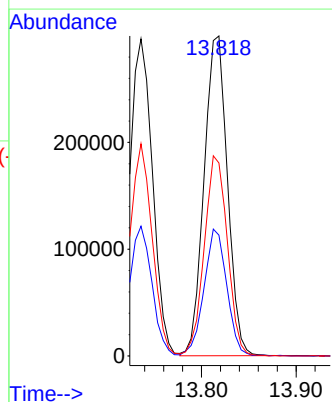
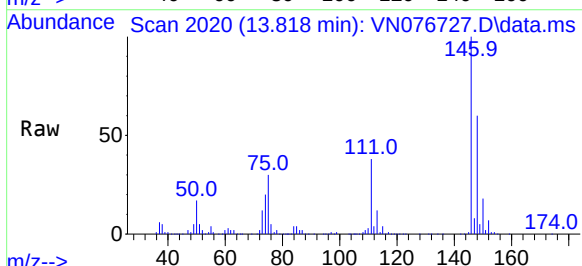
Delta R.T. 0.005 min

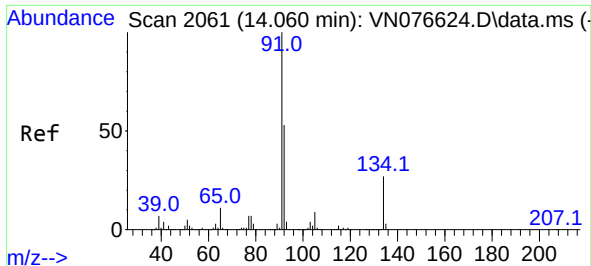
Lab File: VN076727.D

Acq: 16 Feb 2023 21:29

Tgt Ion:146 Resp: 513965

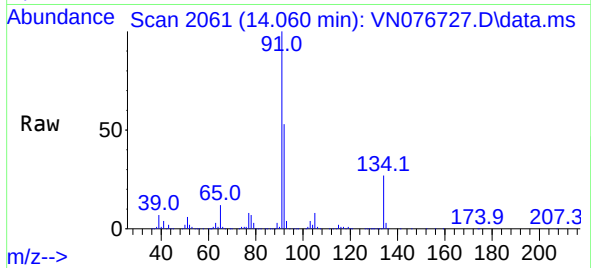
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	62.1	32.7	98.1





#89
n-Butylbenzene
Concen: 51.355 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

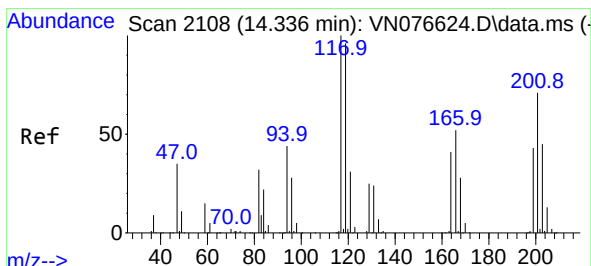
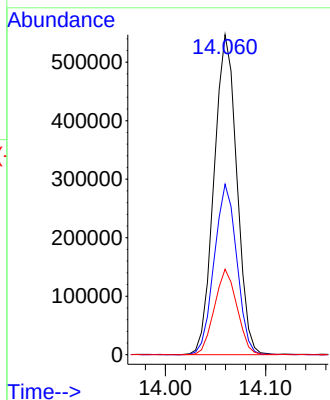
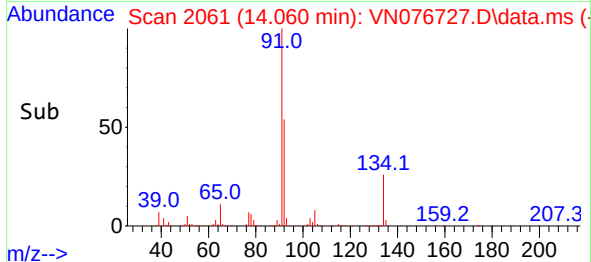
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



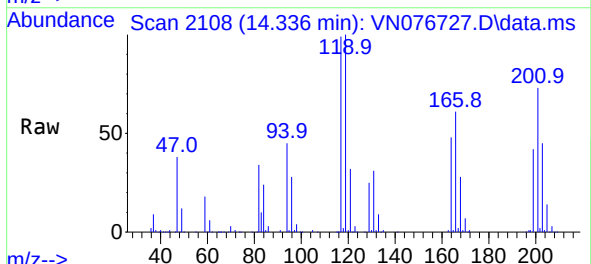
Tgt Ion: 91 Resp: 86414
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 26.5 13.2 39.5

Manual Integrations
APPROVED

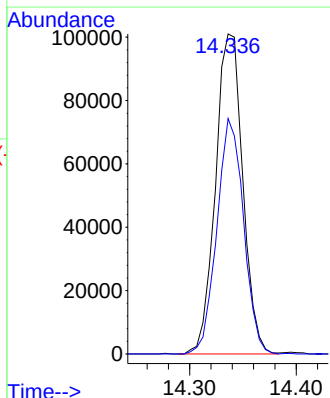
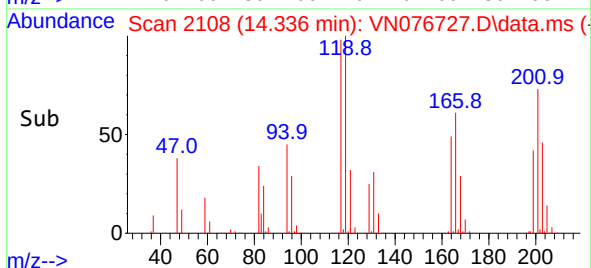
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

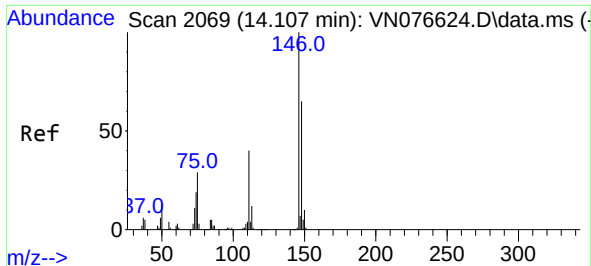


#90
Hexachloroethane
Concen: 44.351 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion:117 Resp: 179660
Ion Ratio Lower Upper
117 100
201 72.0 35.5 106.7





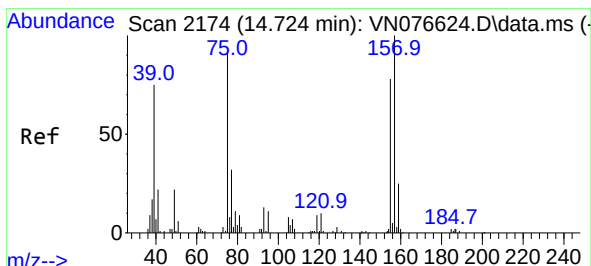
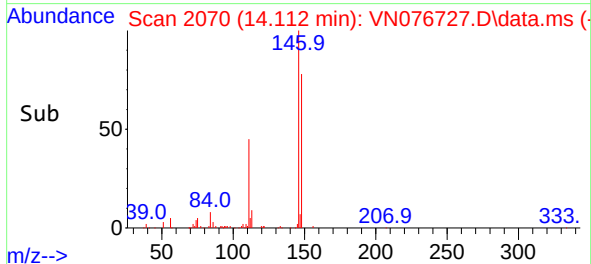
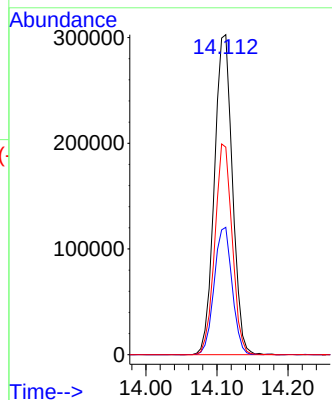
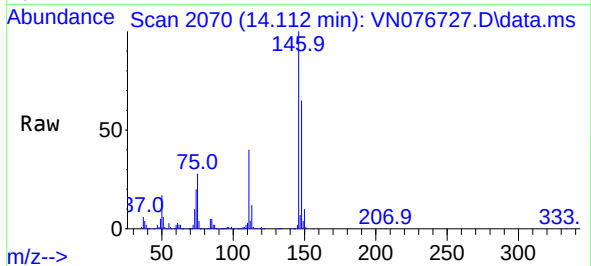
#91
1,2-Dichlorobenzene
Concen: 47.457 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.005 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 532609
Ion Ratio Lower Upper
146 100
111 39.6 20.0 59.9
148 63.4 32.4 97.2

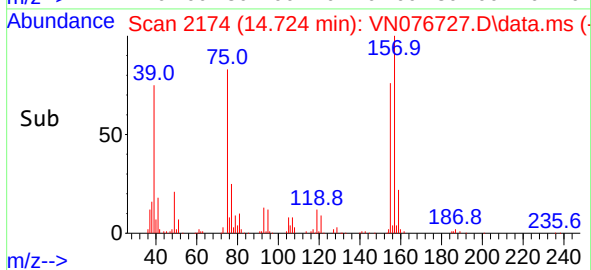
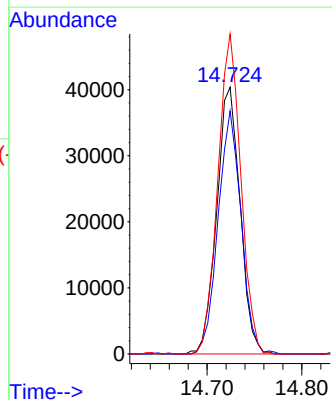
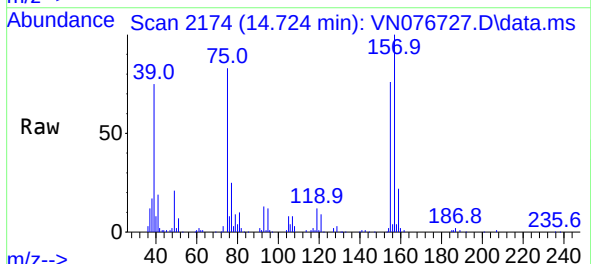
Manual Integrations
APPROVED

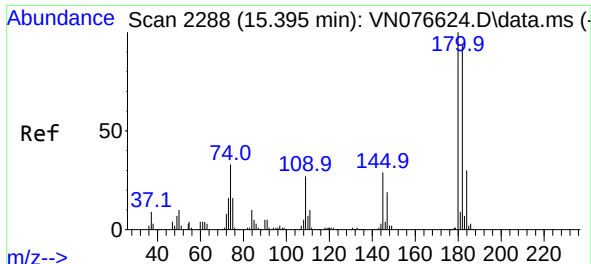
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.639 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Tgt Ion: 75 Resp: 69407
Ion Ratio Lower Upper
75 100
155 89.5 43.4 130.2
157 117.9 55.2 165.6





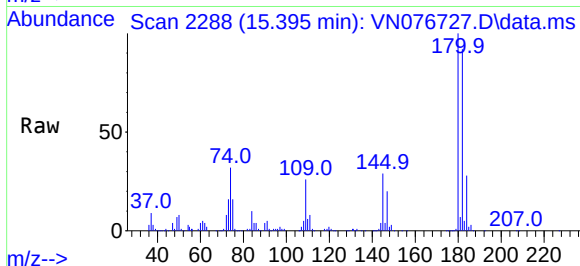
#93
1,2,4-Trichlorobenzene
Concen: 50.730 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

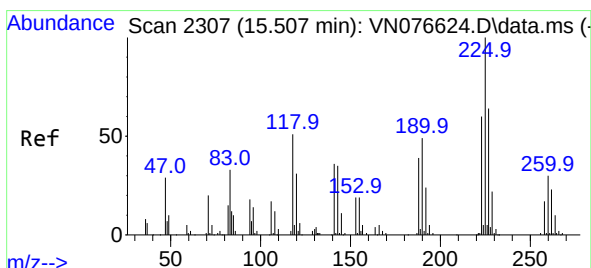
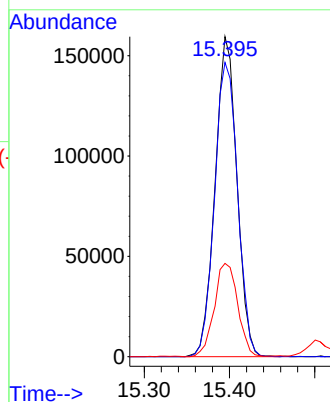
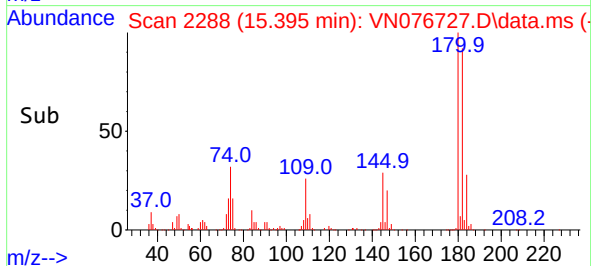


Tgt Ion:180 Resp: 28399
Ion Ratio Lower Upper
180 100
182 97.1 48.0 144.0
145 31.3 15.2 45.6

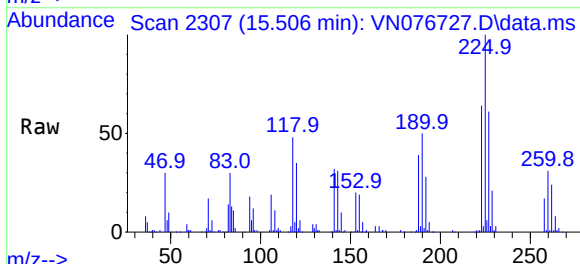
Manual Integrations

APPROVED

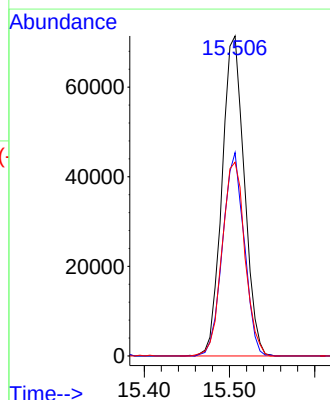
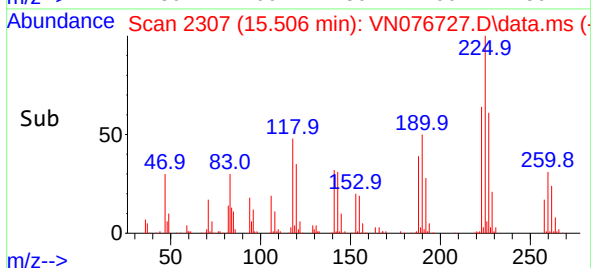
Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023

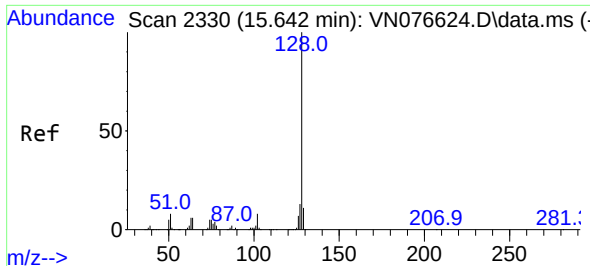


#94
Hexachlorobutadiene
Concen: 47.274 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29



Tgt Ion:225 Resp: 129709
Ion Ratio Lower Upper
225 100
223 61.5 31.6 95.0
227 62.2 31.3 93.9





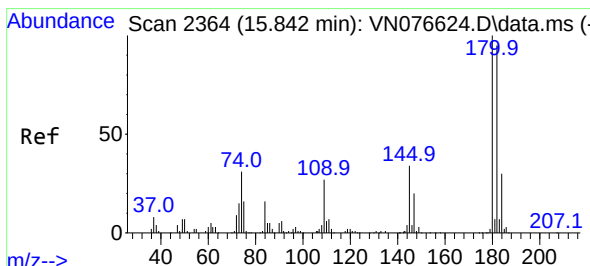
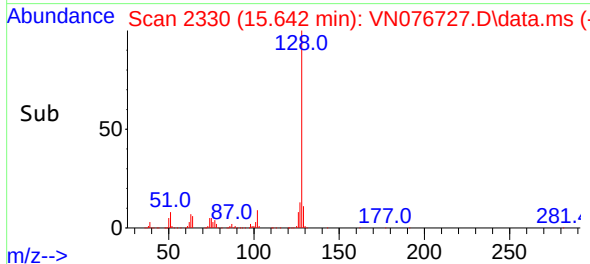
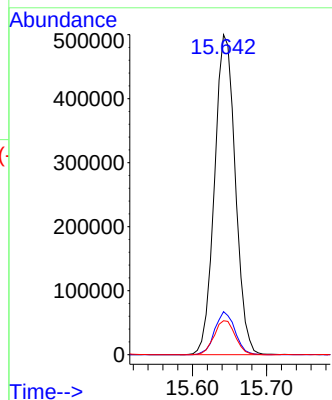
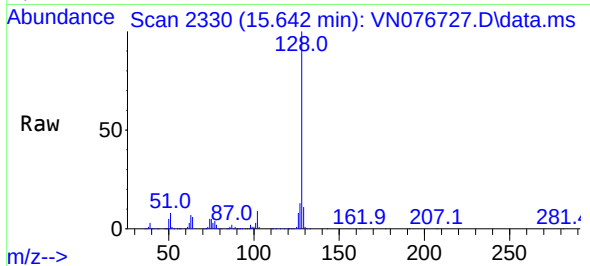
#95
Naphthalene
Concen: 57.323 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 97381
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/17/2023
Supervised By :Mahesh Dadoda 02/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.955 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076727.D
Acq: 16 Feb 2023 21:29

Tgt Ion:180 Resp: 292637
Ion Ratio Lower Upper
180 100
182 93.6 46.7 140.1
145 31.6 16.0 47.9

