

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071479.D
 Acq On : 22 Mar 2022 20:10
 Operator : JC\MD
 Sample : N1962-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-17-16-17

Quant Time: Mar 23 07:11:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	734166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1262366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1226798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	474323	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	486454	48.346	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.700%
35) Dibromofluoromethane	8.016	113	370134	46.464	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.920%
50) Toluene-d8	10.439	98	1597162	49.797	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.727	95	609482	56.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.240%

Target Compounds			Qvalue			
3) Chloromethane	2.293	50	4332	0.367 ug/l	#	84
5) Bromomethane	2.846	94	872	Below Cal		81
8) Diethyl Ether	3.828	74	10904	1.963 ug/l		82
11) Tert butyl alcohol	5.357	59	1216	0.615 ug/l	#	71
13) Acrolein	4.040	56	545	0.260 ug/l	#	80
16) Acetone	4.287	43	69750	14.247 ug/l		93
17) Carbon Disulfide	4.540	76	8006	0.382 ug/l		98
18) Methyl Acetate	4.851	43	14280	1.546 ug/l		93
20) Methylene Chloride	5.093	84	20012	2.601 ug/l		95
25) 2-Butanone	7.334	43	24406	3.095 ug/l	#	81
31) Cyclohexane	8.081	56	23257	1.447 ug/l	#	36
36) 1,1-Dichloropropene	8.081	75	58824	4.609 ug/l	#	50
38) Carbon Tetrachloride	8.081	117	74028	5.996 ug/l	#	16
39) Methylcyclohexane	9.457	83	15957	1.063 ug/l		96
40) Benzene	8.451	78	9267	0.241 ug/l		93
43) Isopropyl Acetate	8.557	43	93195	3.548 ug/l	#	83
48) Methyl methacrylate	9.539	41	23518	1.932 ug/l	#	8
49) 1,4-Dioxane	9.616	88	712	3.365 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.333	43	11507	0.706 ug/l	#	81
52) Toluene	10.504	92	29316	1.238 ug/l		98
54) cis-1,3-Dichloropropene	10.239	75	96379	6.232 ug/l	#	63
55) 1,1,2-Trichloroethane	10.874	97	3191	0.336 ug/l	#	21
57) 1,3-Dichloropropane	11.086	76	60019	3.524 ug/l	#	43
59) 2-Hexanone	11.086	43	981138	88.210 ug/l	#	50
67) Ethyl Benzene	11.839	91	83897	1.801 ug/l		99
68) m/p-Xylenes	11.951	106	77664	4.557 ug/l		97
69) o-Xylene	12.280	106	93744	5.488 ug/l		100
70) Styrene	12.280	104	5438	0.206 ug/l	#	1
71) Bromoform	12.727	173	3578	0.488 ug/l	#	1
73) Isopropylbenzene	12.574	105	55723	1.219 ug/l		97
74) N-amyl acetate	12.351	43	16199	0.942 ug/l	#	52
75) 1,1,2,2-Tetrachloroethane	12.810	83	68	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	314902	26.040 ug/l	#	1
78) n-propylbenzene	12.916	91	64272	1.310 ug/l		97
79) 2-Chlorotoluene	12.980	91	12994	0.413 ug/l	#	42
80) 1,3,5-Trimethylbenzene	13.057	105	106306	2.988 ug/l		97

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

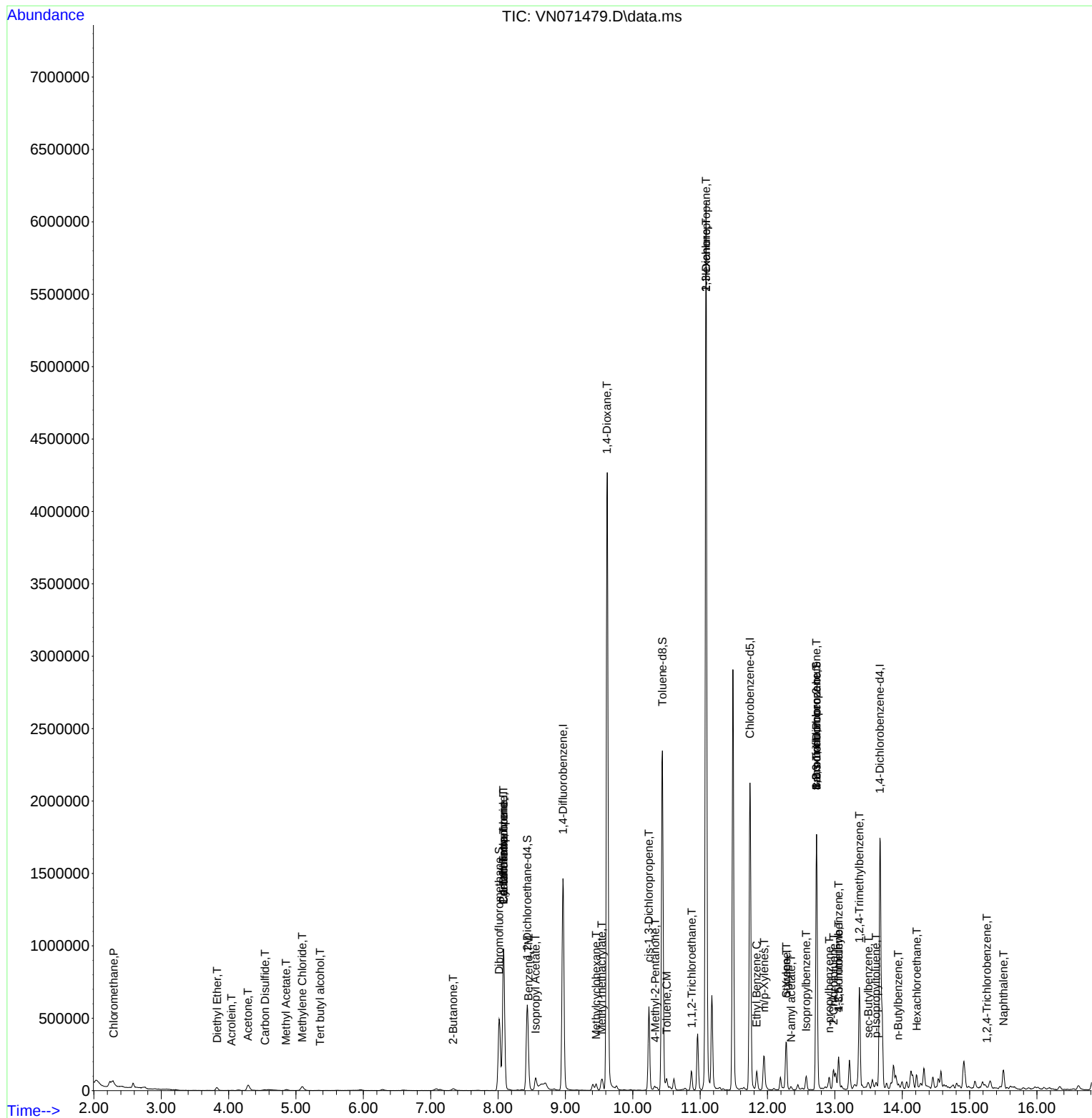
81) trans-1,4-Dichloro-2-b...	12.727	75	314902	71.767	ug/l #	5
82) 4-Chlorotoluene	13.057	91	11866	0.423	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.363	105	385914	11.326	ug/l	99
85) sec-Butylbenzene	13.498	105	20536	0.487	ug/l #	74
86) p-Isopropyltoluene	13.610	119	16088	0.485	ug/l	97
89) n-Butylbenzene	13.939	91	8034	0.310	ug/l #	77
90) Hexachloroethane	14.215	117	4704	0.713	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.257	180	68	2.997	ug/l #	76
95) Naphthalene	15.504	128	122398	10.126	ug/l	99

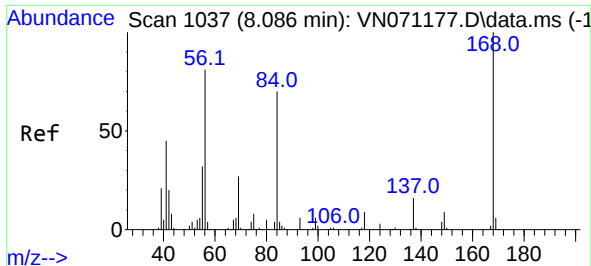
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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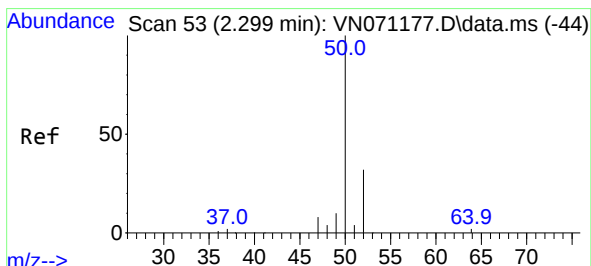
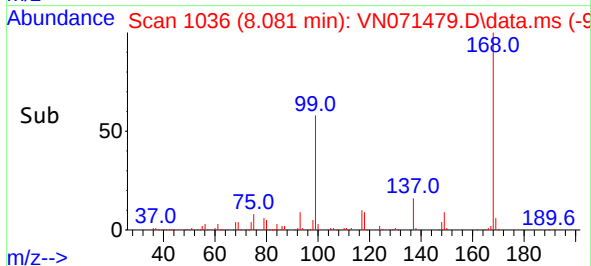
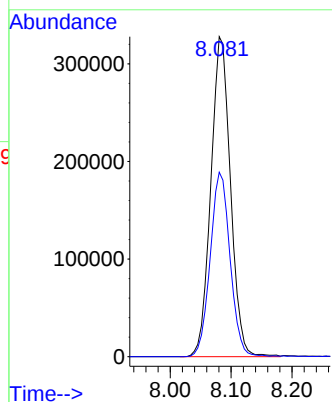
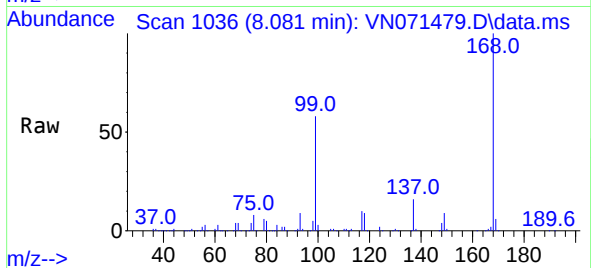




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

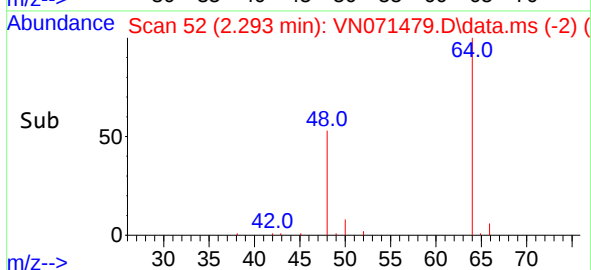
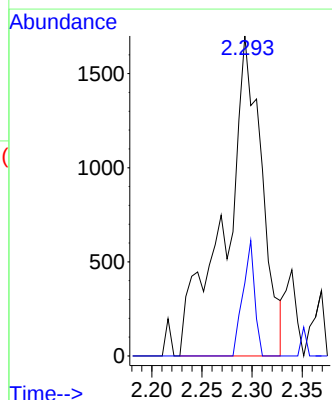
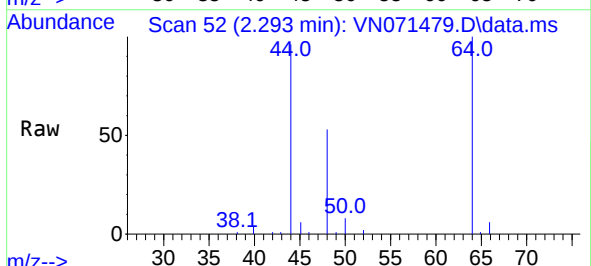
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MSVOA_N
ClientSampleId :
C-17-16-17

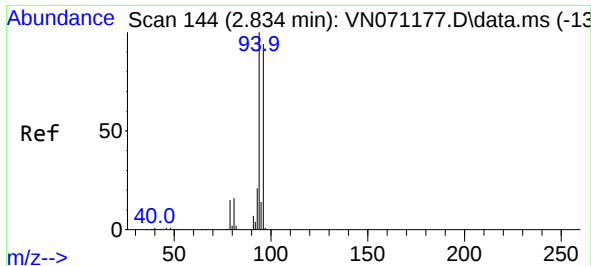
Tgt Ion:168 Resp: 734166
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9



#3
Chloromethane
Concen: 0.367 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 50 Resp: 4332
Ion Ratio Lower Upper
50 100
52 22.8 25.4 38.0#

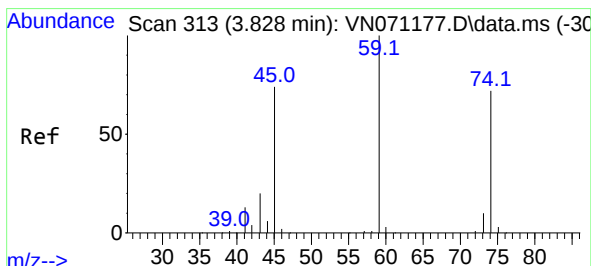
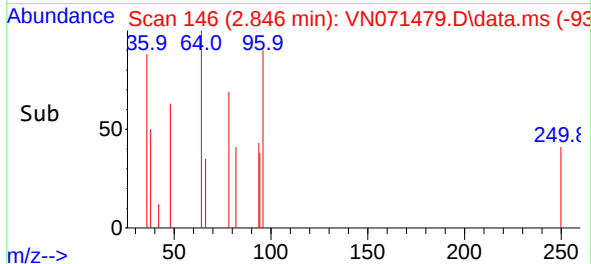
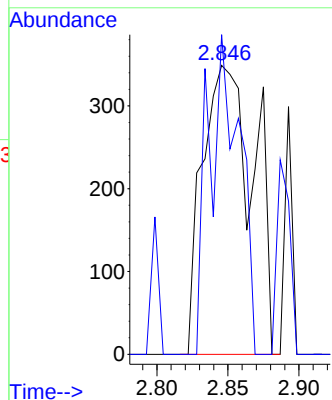
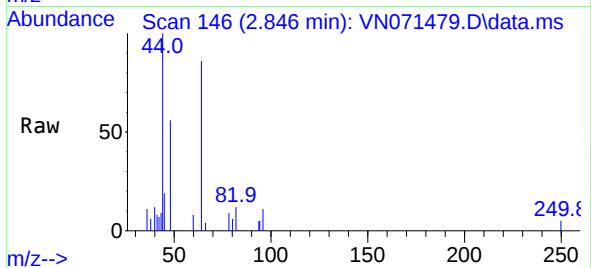




#5
Bromomethane
Concen: Below Cal
RT: 2.846 min Scan# 144
Delta R.T. 0.012 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

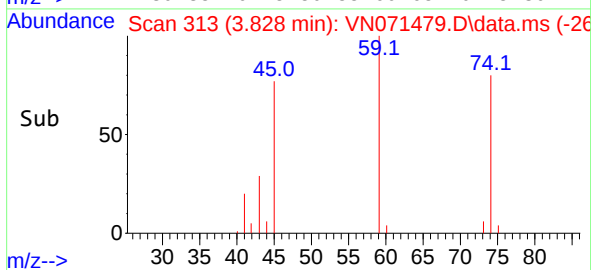
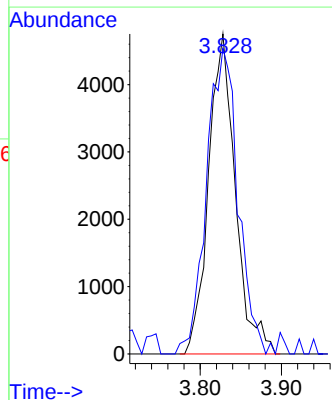
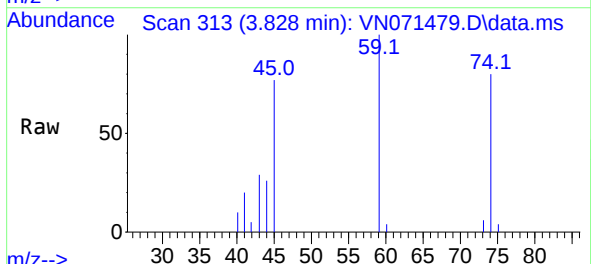
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

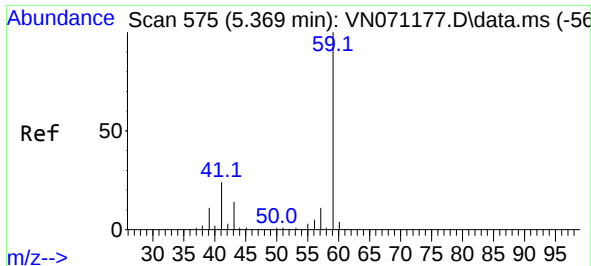
Tgt Ion: 94 Resp: 872
Ion Ratio Lower Upper
94 100
96 110.6 73.8 110.8



#8
Diethyl Ether
Concen: 1.963 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 74 Resp: 10904
Ion Ratio Lower Upper
74 100
45 111.7 47.0 141.2

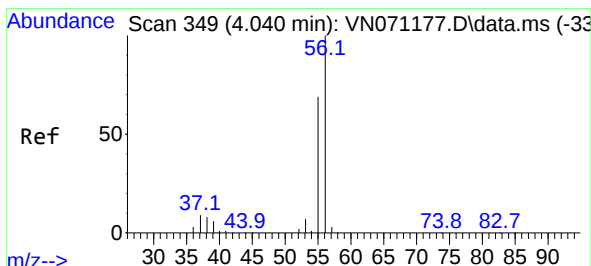
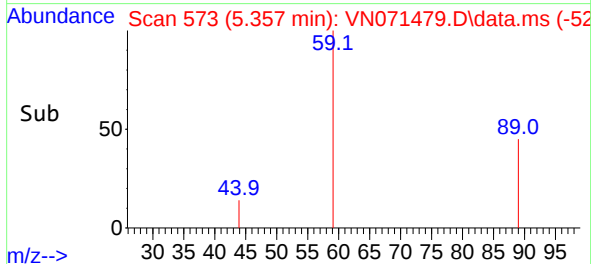
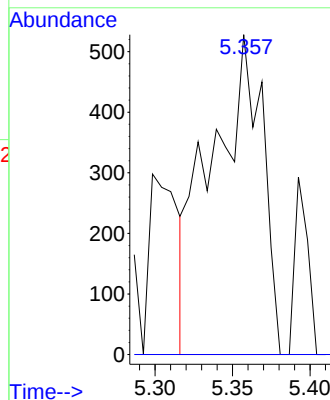
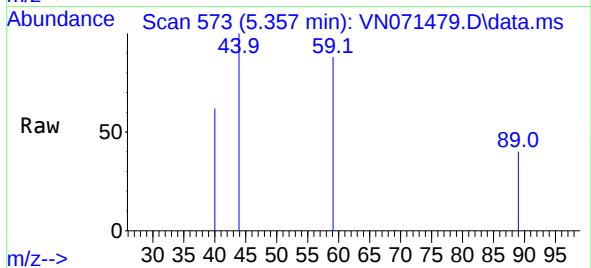




#11
Tert butyl alcohol
Concen: 0.615 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

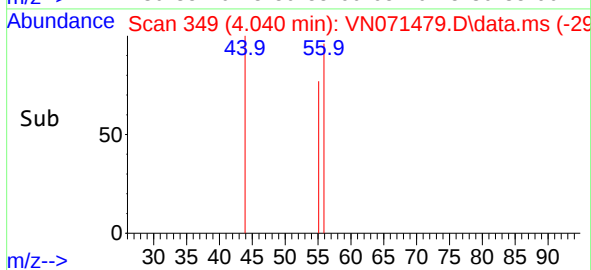
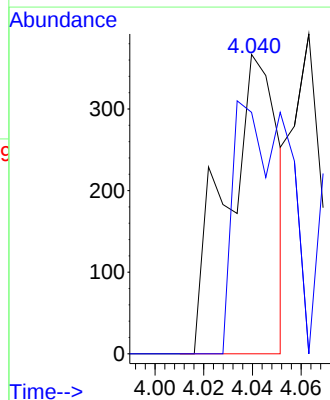
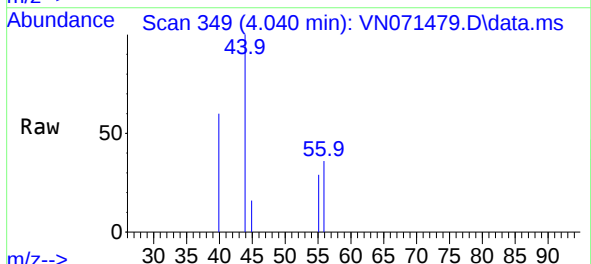
Instrument :
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ClientSampleId :
C-17-16-17

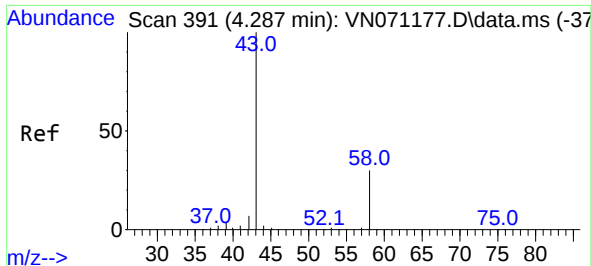
Tgt Ion: 59 Resp: 1216
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.260 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 56 Resp: 545
Ion Ratio Lower Upper
56 100
55 87.7 56.6 85.0#

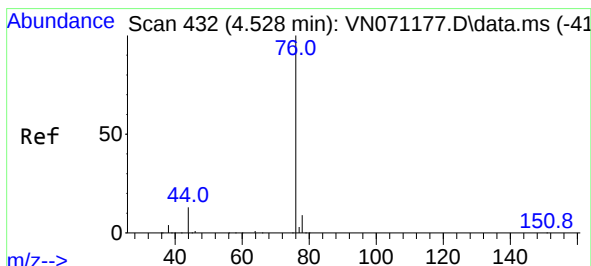
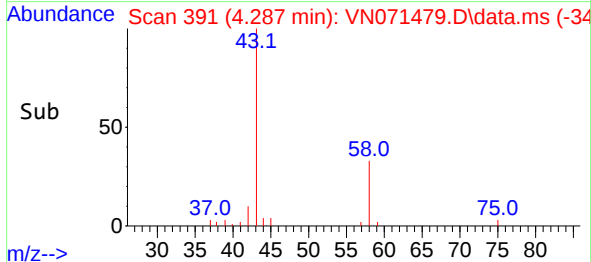
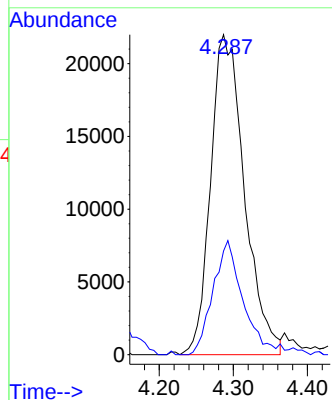
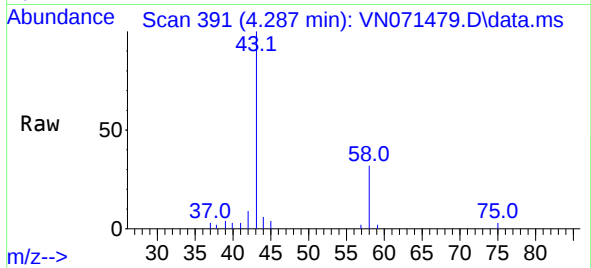




#16
Acetone
Concen: 14.247 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

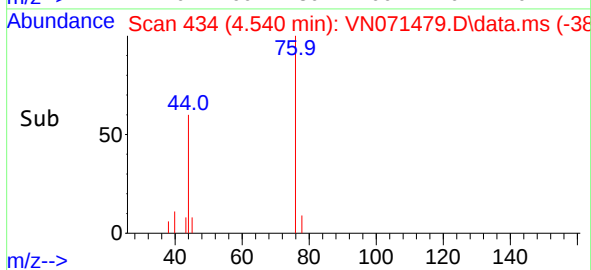
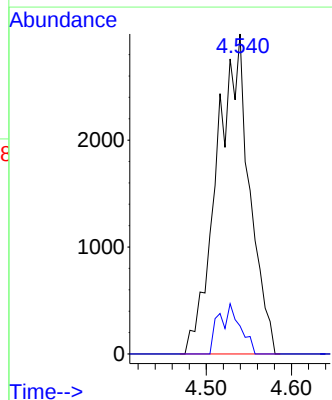
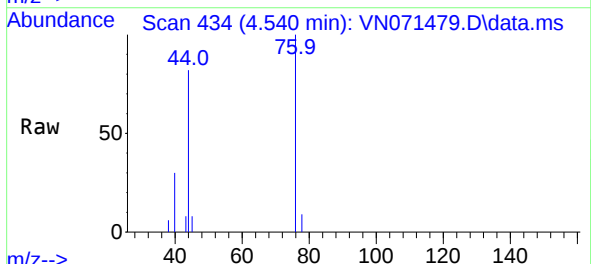
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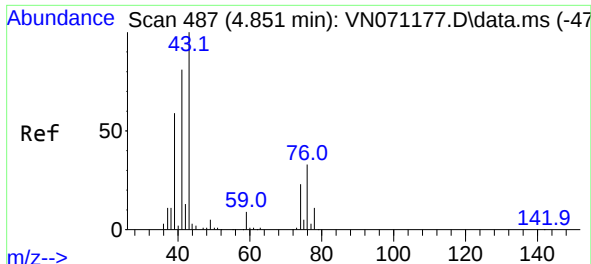
Tgt Ion: 43 Resp: 69750
Ion Ratio Lower Upper
43 100
58 32.4 23.1 34.7



#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 76 Resp: 8006
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

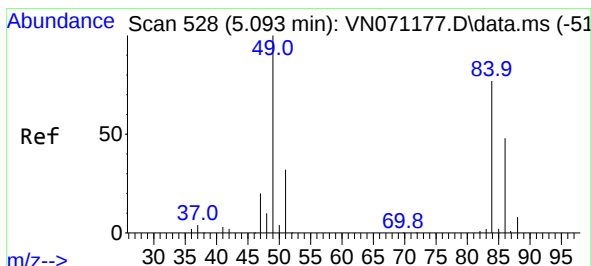
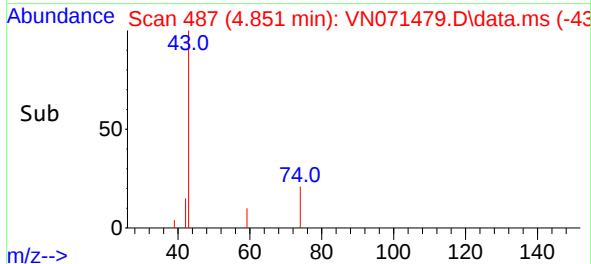
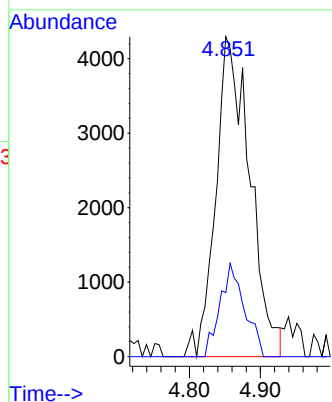
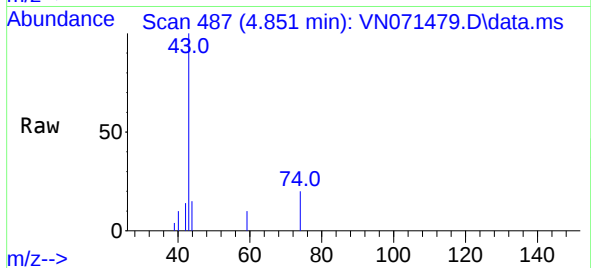




#18
Methyl Acetate
Concen: 1.546 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

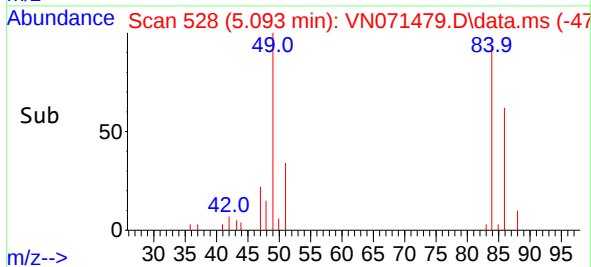
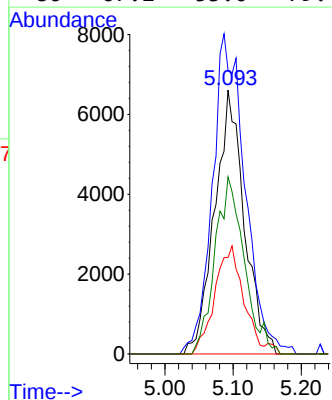
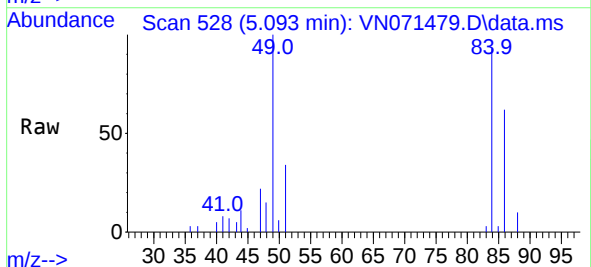
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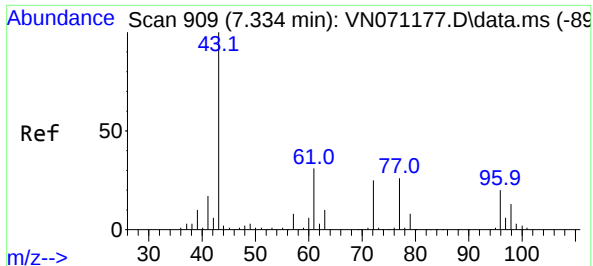
Tgt Ion: 43 Resp: 14280
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



#20
Methylene Chloride
Concen: 2.601 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 84 Resp: 20012
Ion Ratio Lower Upper
84 100
49 107.6 93.5 140.3
51 36.6 29.4 44.2
86 67.2 53.0 79.4

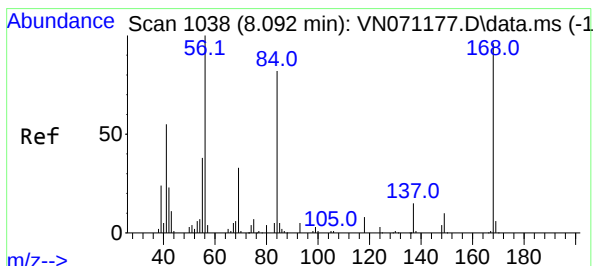
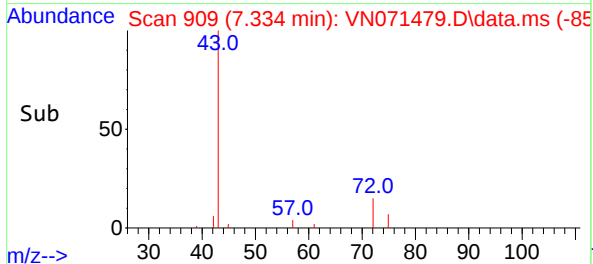
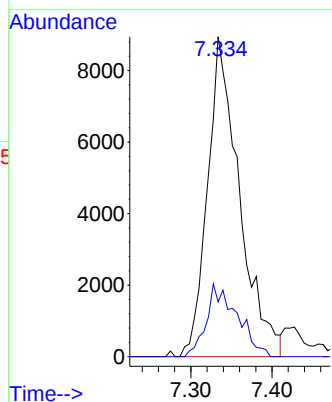
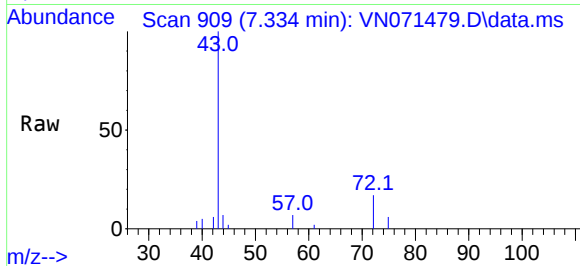




#25
2-Butanone
Concen: 3.095 ug/l
RT: 7.334 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

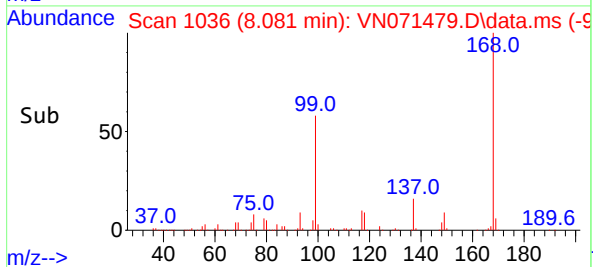
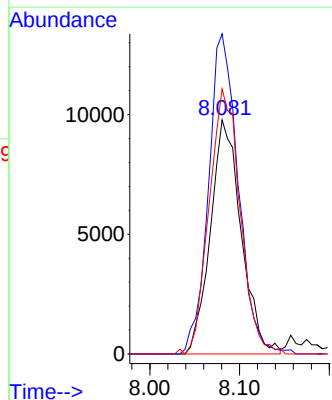
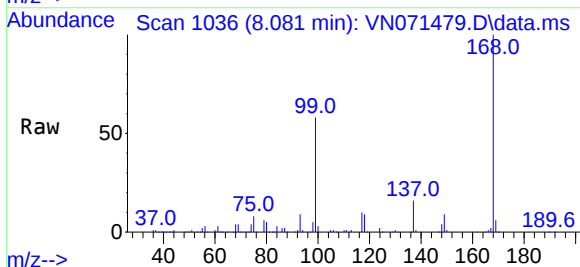
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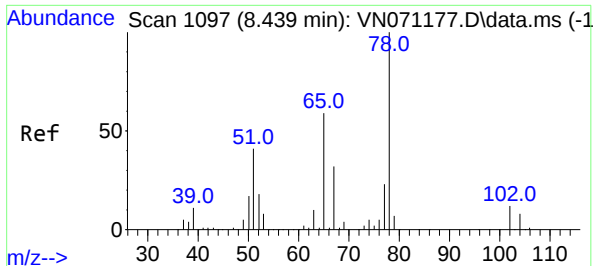
Tgt Ion: 43 Resp: 24406
Ion Ratio Lower Upper
43 100
72 17.2 21.7 32.5#



#31
Cyclohexane
Concen: 1.447 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 56 Resp: 23257
Ion Ratio Lower Upper
56 100
69 136.7 27.1 40.7#
84 111.3 73.4 110.0#

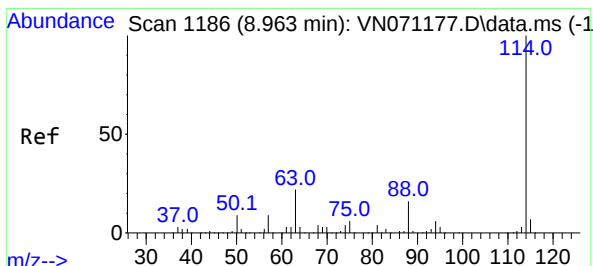
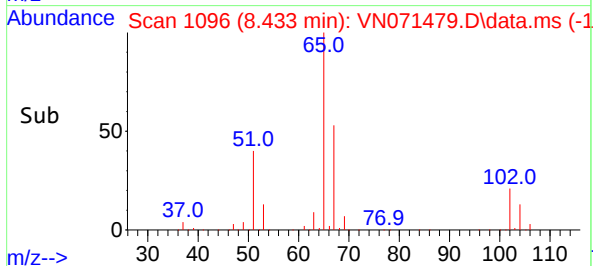
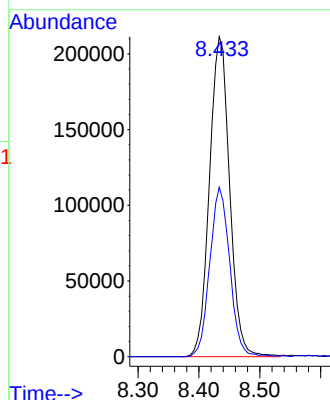
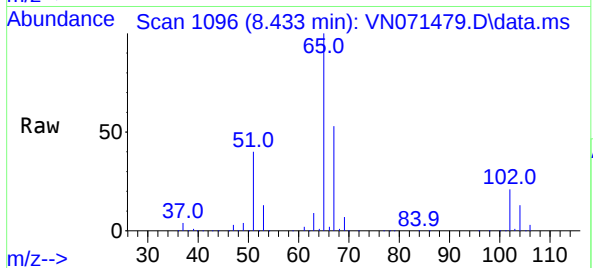




#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

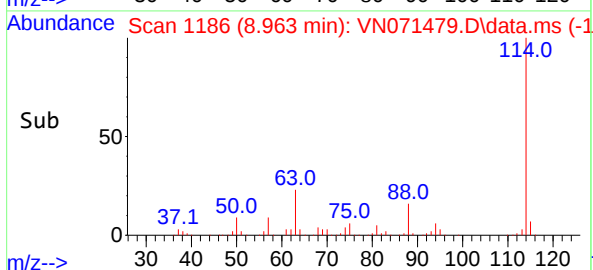
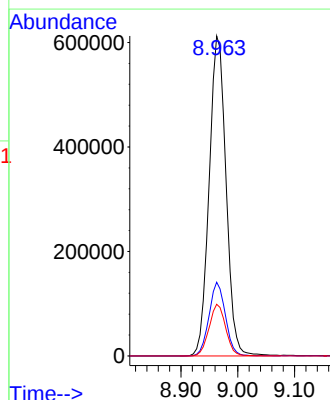
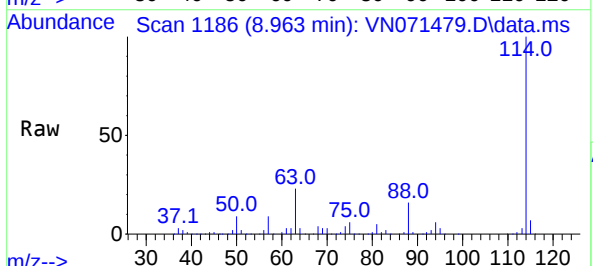
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

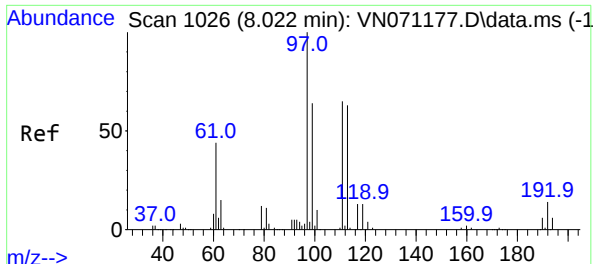
Tgt Ion: 65 Resp: 486454
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 114 Resp: 1262366
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.2 0.0 27.4

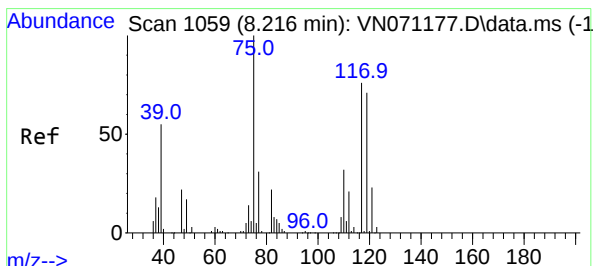
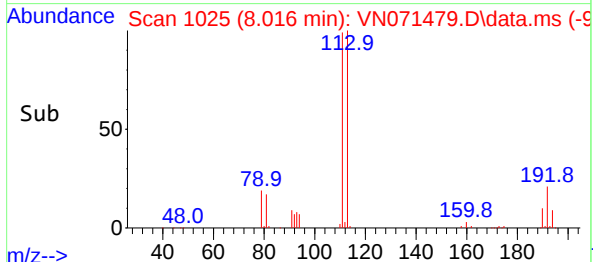
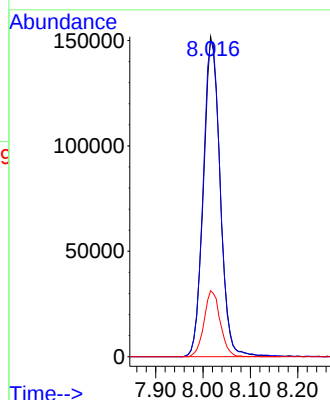
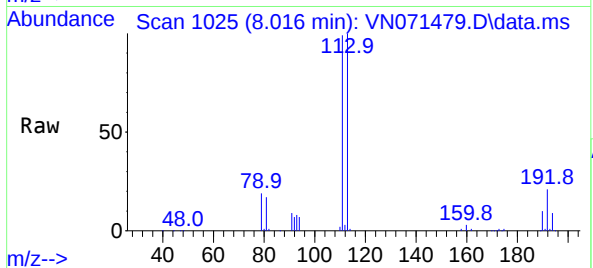




#35
Dibromofluoromethane
Concen: 46.464 ug/l
RT: 8.016 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

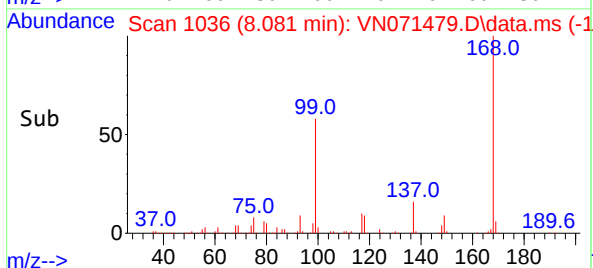
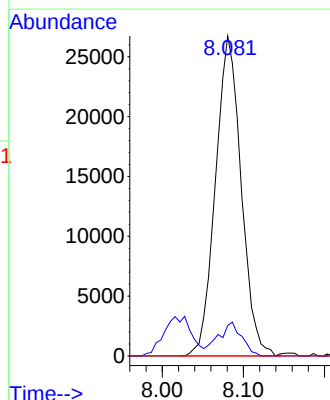
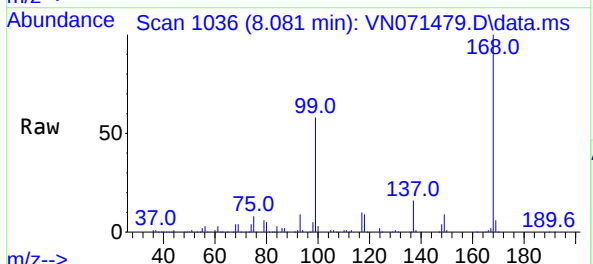
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

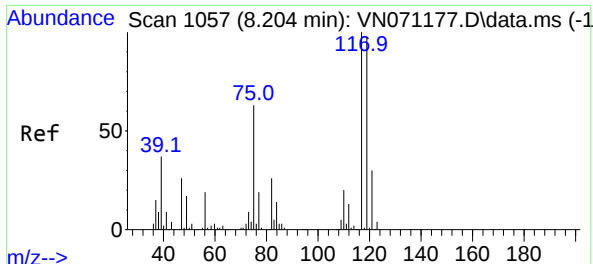
Tgt Ion:113 Resp: 370134
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 75 Resp: 58824
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.4 36.6#

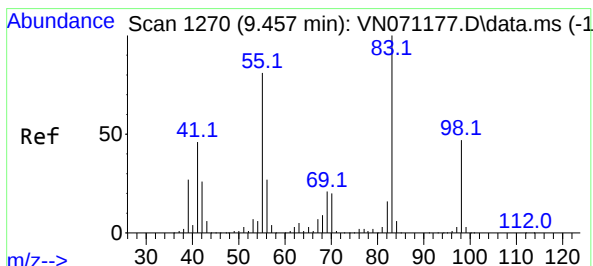
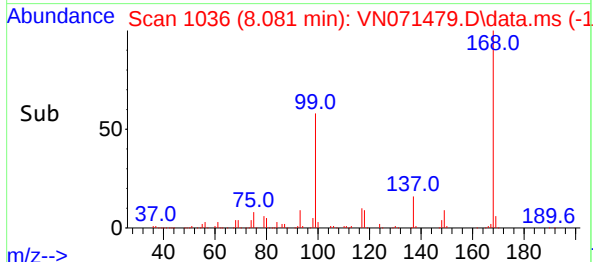
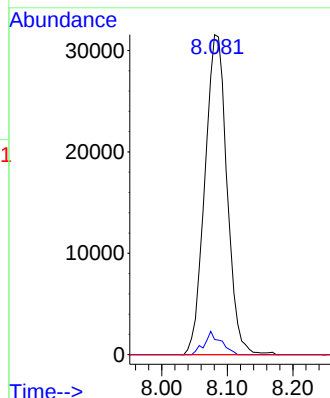
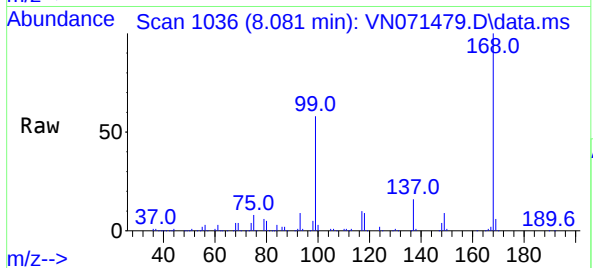




#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

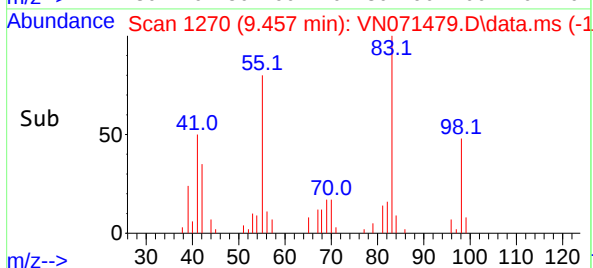
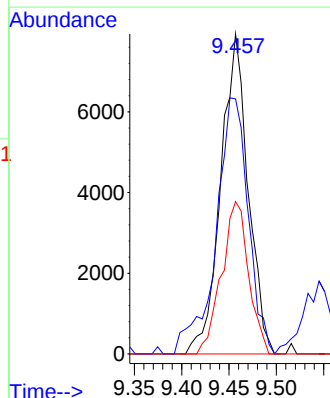
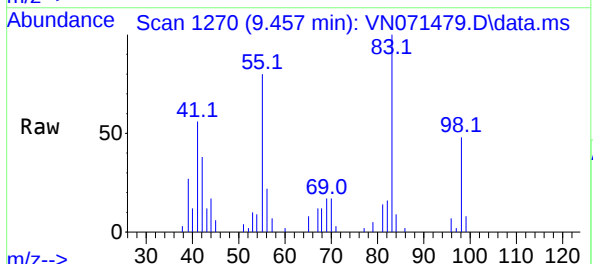
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

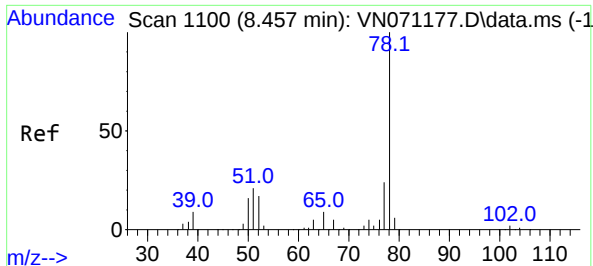
Tgt Ion:117 Resp: 74028
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.063 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 83 Resp: 15957
Ion Ratio Lower Upper
83 100
55 77.4 58.1 87.1
98 47.6 38.4 57.6

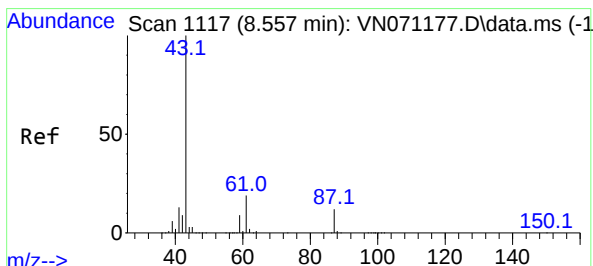
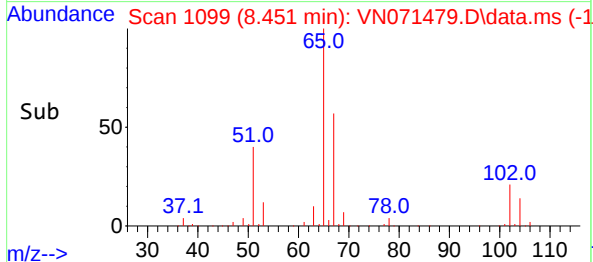
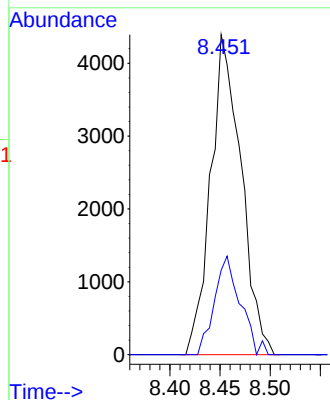
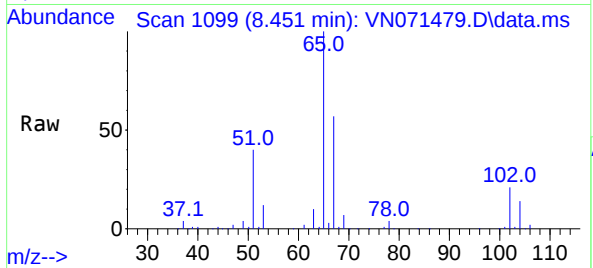




#40
Benzene
Concen: 0.241 ug/l
RT: 8.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

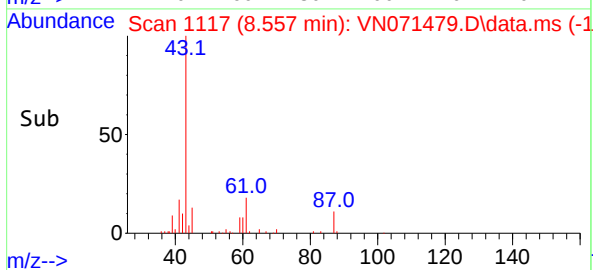
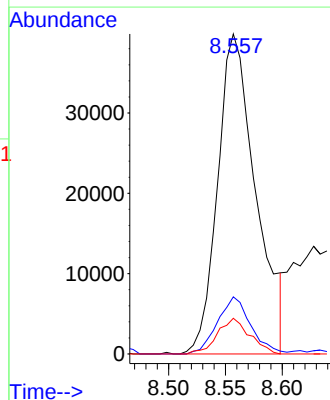
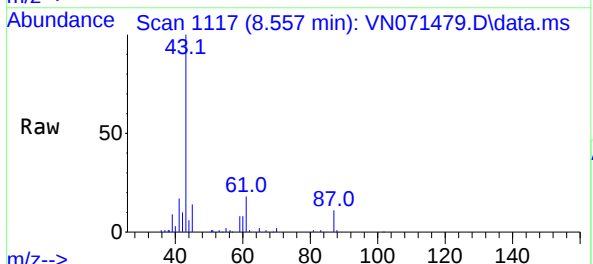
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

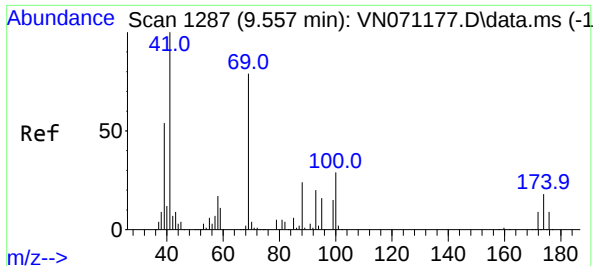
Tgt Ion: 78 Resp: 9267
Ion Ratio Lower Upper
78 100
77 26.4 18.6 27.8



#43
Isopropyl Acetate
Concen: 3.548 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 43 Resp: 93195
Ion Ratio Lower Upper
43 100
61 15.5 20.4 30.6#
87 9.5 11.2 16.8#

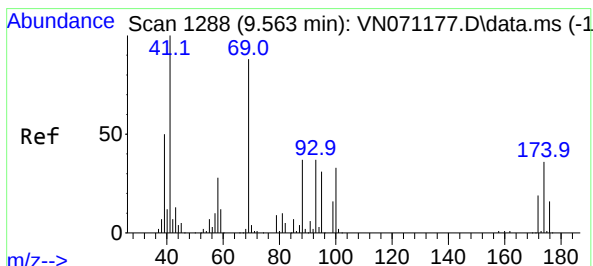
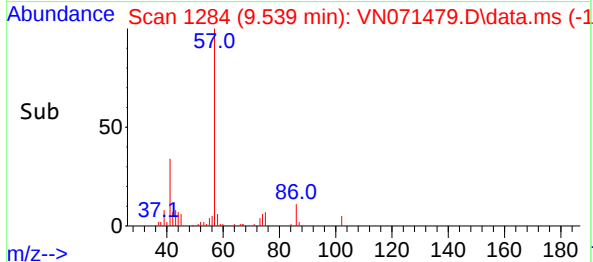
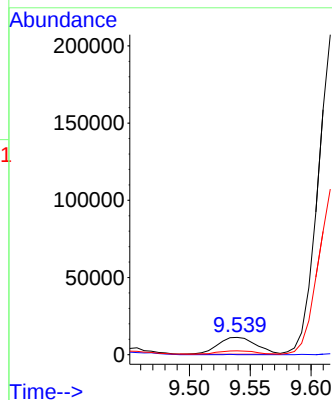
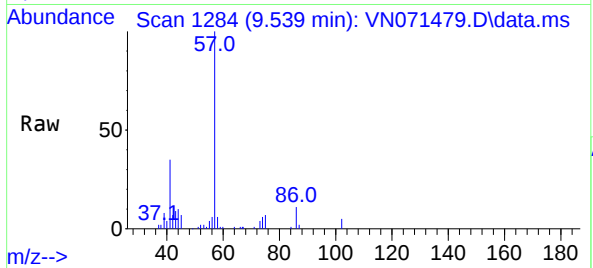




#48
Methyl methacrylate
Concen: 1.932 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.018 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

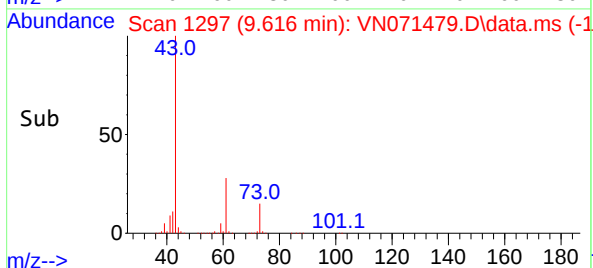
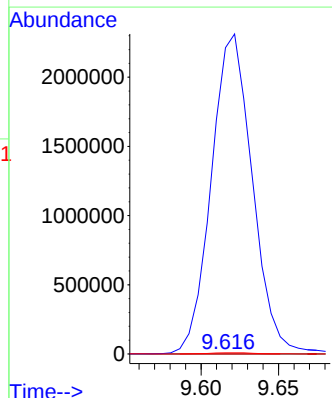
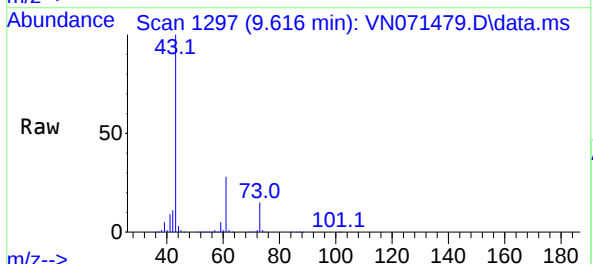
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

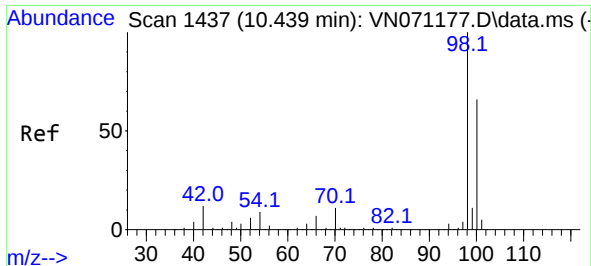
Tgt Ion: 41 Resp: 23518
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 3.365 ug/l
RT: 9.616 min Scan# 1297
Delta R.T. 0.053 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 88 Resp: 712
Ion Ratio Lower Upper
88 100
43 604265.6 23.4 35.2#
58 2495.6 50.6 75.8#

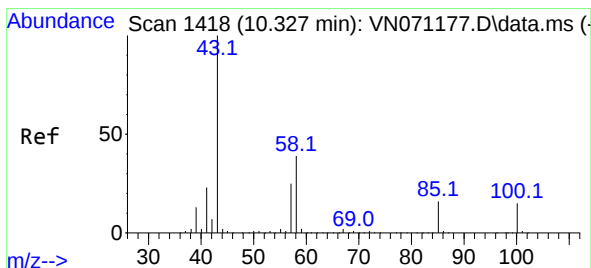
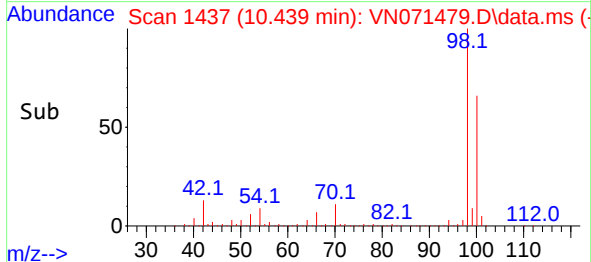
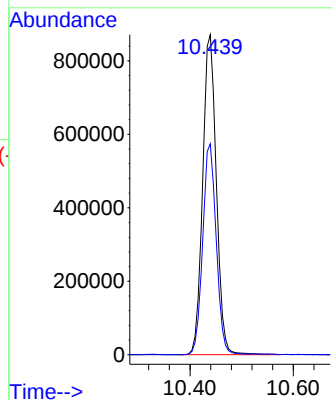
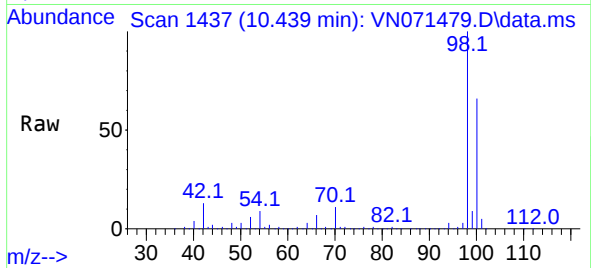




#50
Toluene-d8
Concen: 49.797 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

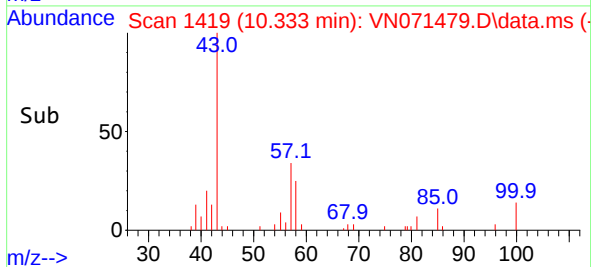
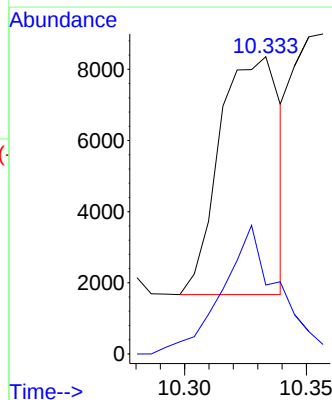
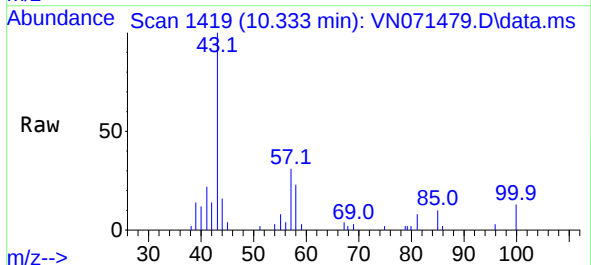
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

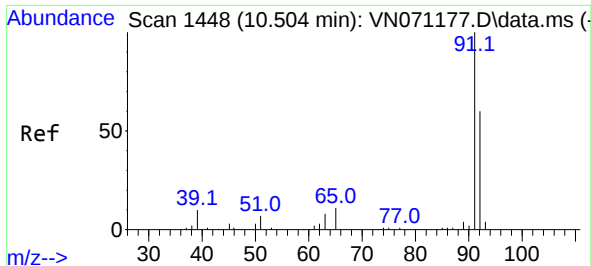
Tgt Ion: 98 Resp: 1597162
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.706 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 43 Resp: 11507
Ion Ratio Lower Upper
43 100
58 49.6 30.4 45.6#

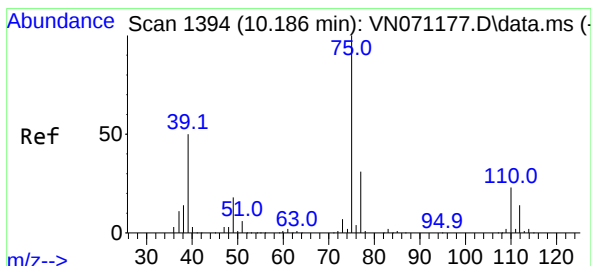
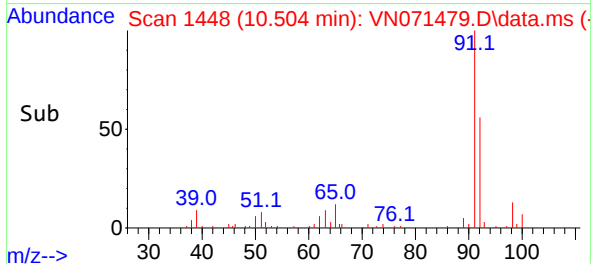
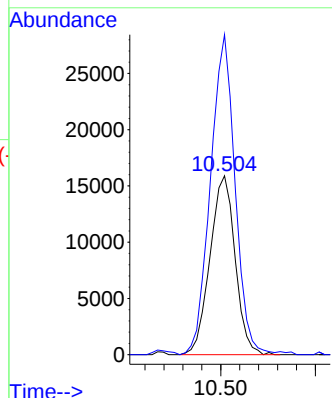
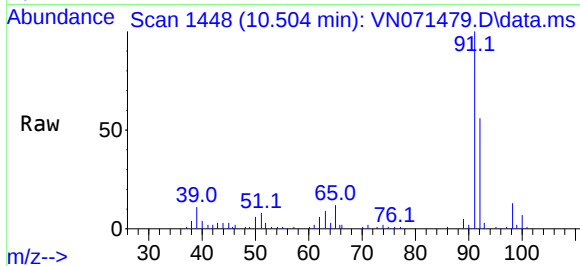




#52
Toluene
Concen: 1.238 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

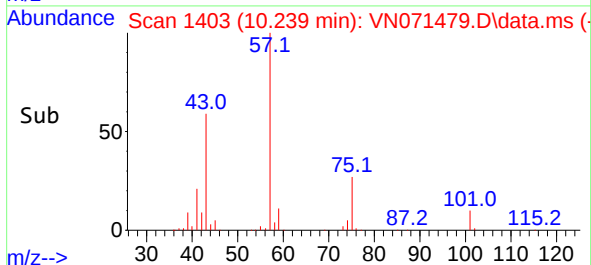
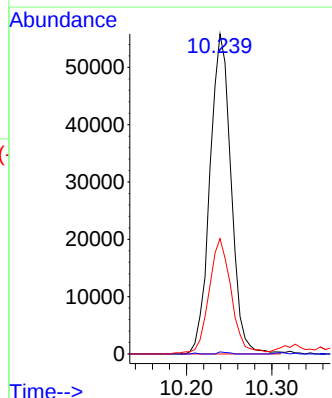
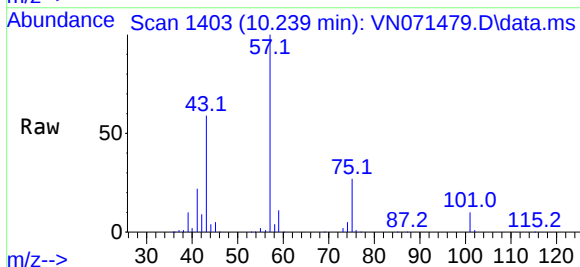
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

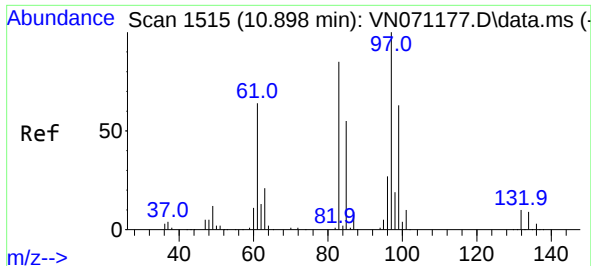
Tgt Ion: 92 Resp: 29316
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0



#54
cis-1,3-Dichloropropene
Concen: 6.232 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 75 Resp: 96379
Ion Ratio Lower Upper
75 100
77 0.6 26.4 39.6#
39 35.7 42.5 63.7#

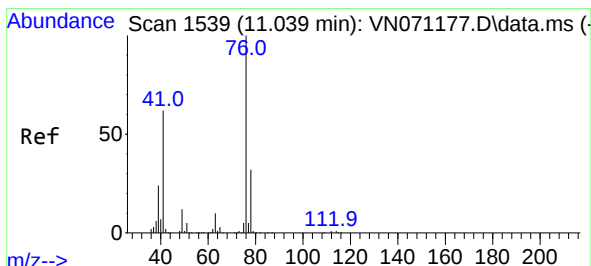
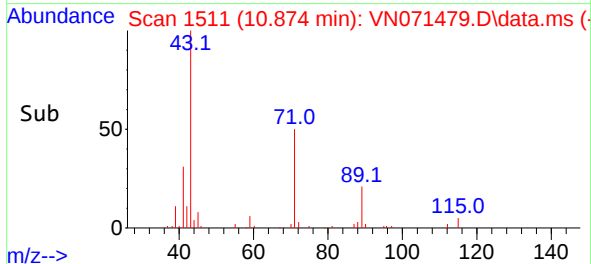
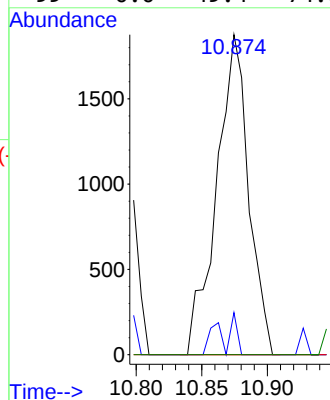
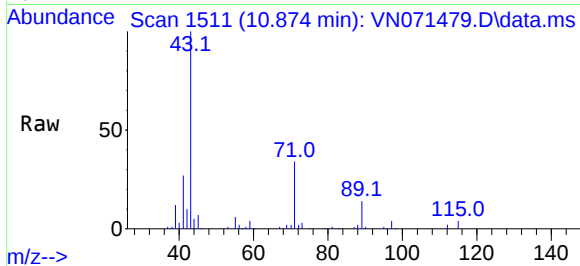




#55
1,1,2-Trichloroethane
Concen: 0.336 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.024 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

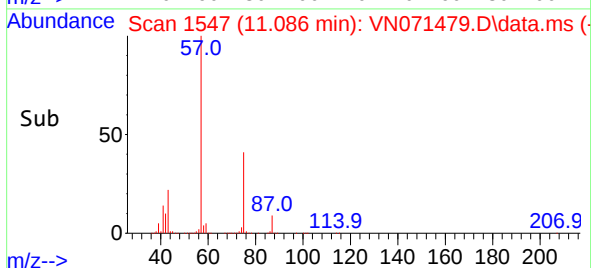
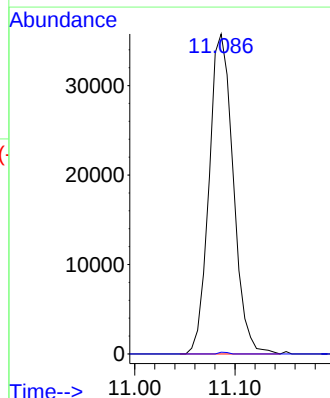
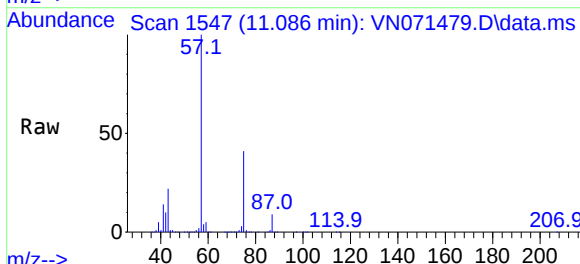
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

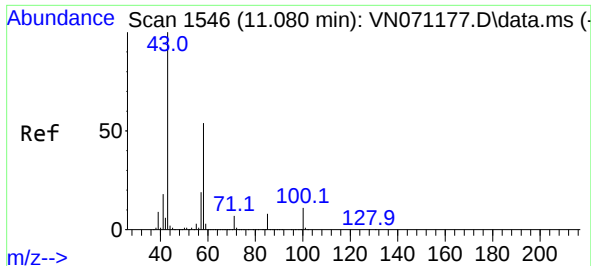
Tgt Ion: 97	Resp:	3191
Ion	Ratio	Lower Upper
97	100	
83	13.2	67.8 101.6#
85	0.0	45.4 68.2#
99	0.0	49.4 74.0#



#57
1,3-Dichloropropane
Concen: 3.524 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 76	Resp:	60019
Ion	Ratio	Lower Upper
76	100	
78	0.2	25.7 38.5#

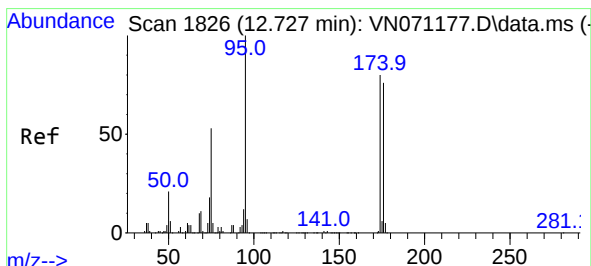
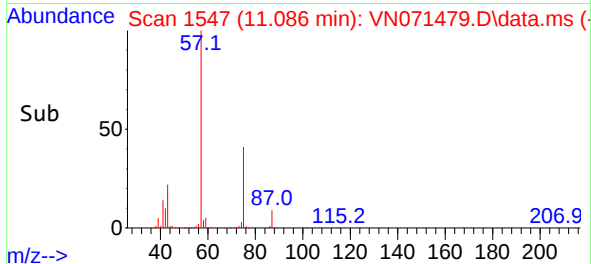
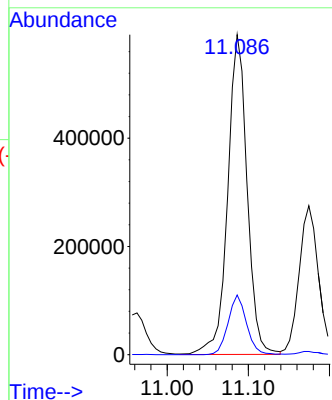
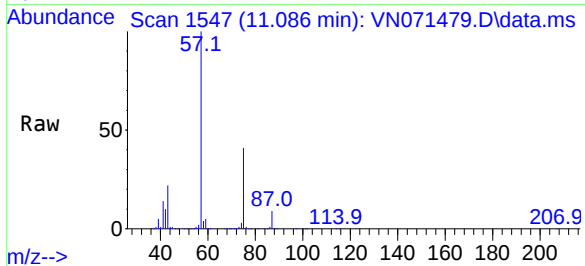




#59
2-Hexanone
Concen: 88.210 ug/l
RT: 11.086 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

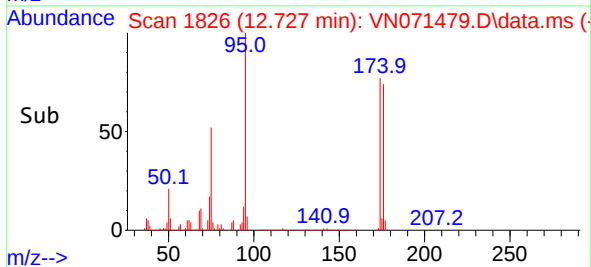
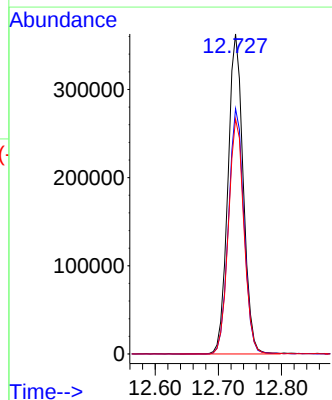
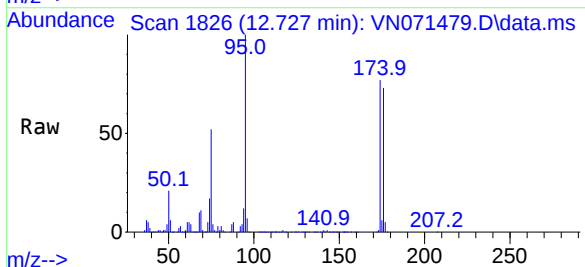
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

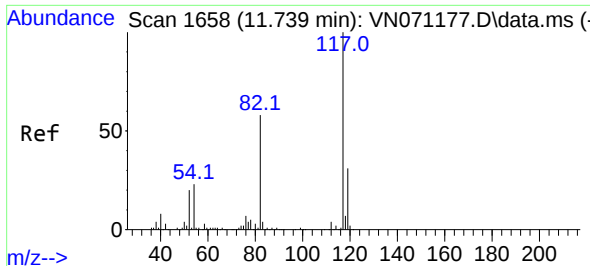
Tgt Ion: 43 Resp: 981138
Ion Ratio Lower Upper
43 100
58 17.8 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 56.117 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 95 Resp: 609482
Ion Ratio Lower Upper
95 100
174 77.2 0.0 187.2
176 74.4 0.0 181.4

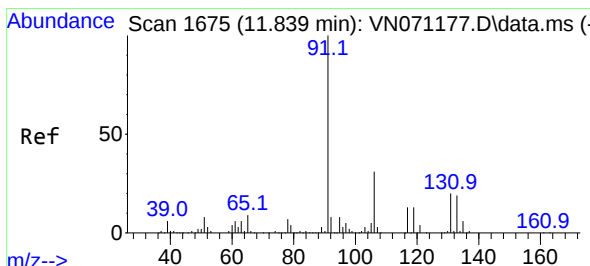
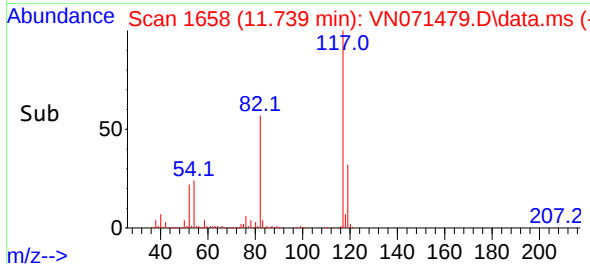
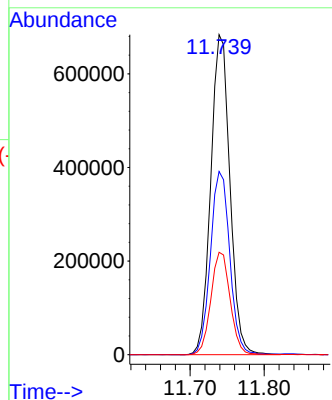
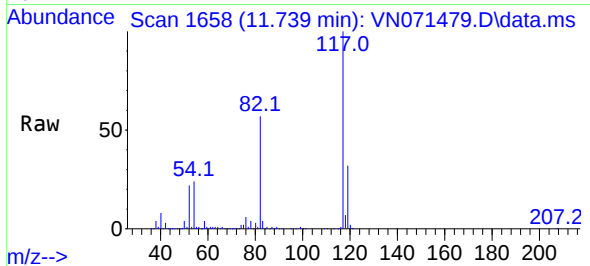




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

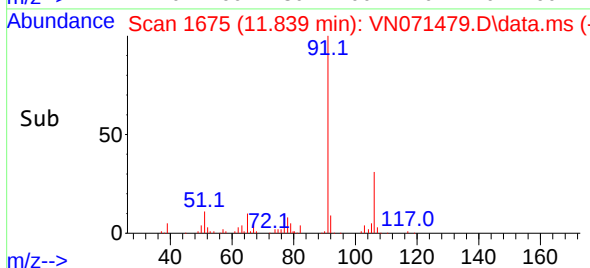
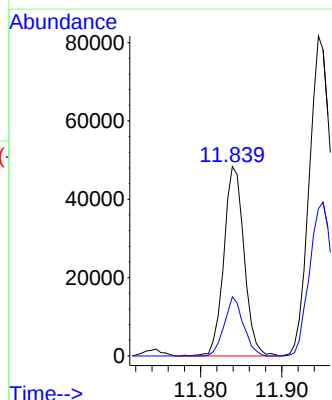
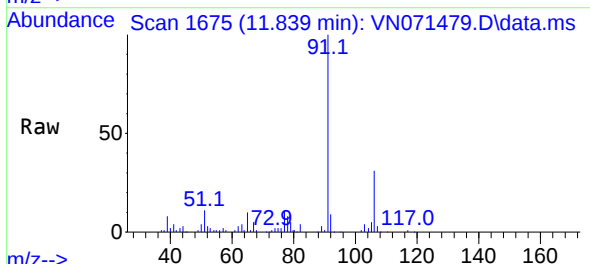
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

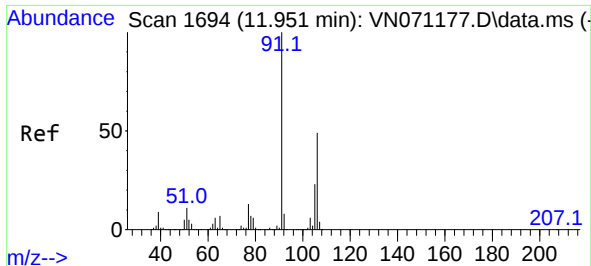
Tgt Ion:117 Resp: 1226798
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.0 25.4 38.2



#67
Ethyl Benzene
Concen: 1.801 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 83897
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5

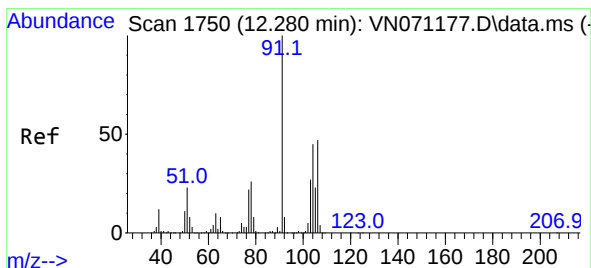
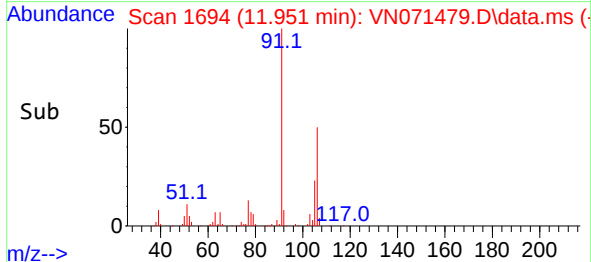
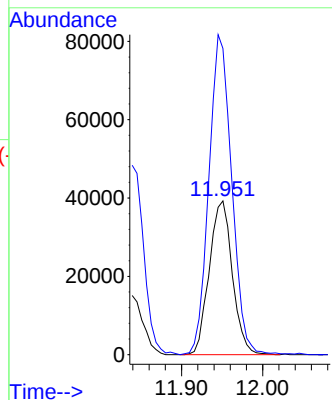
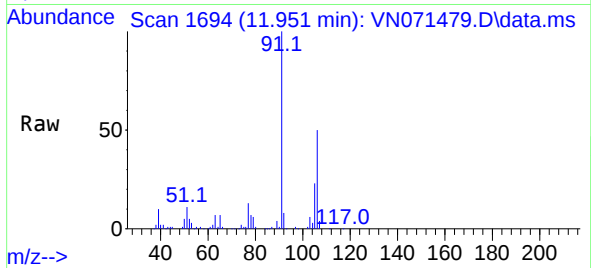




#68
m/p-Xylenes
Concen: 4.557 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

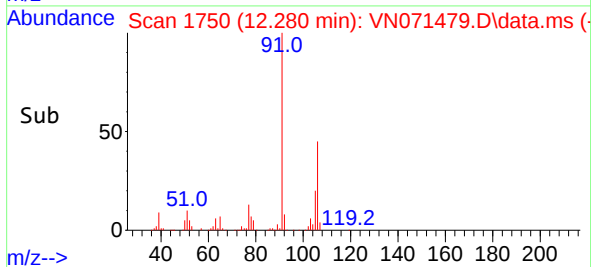
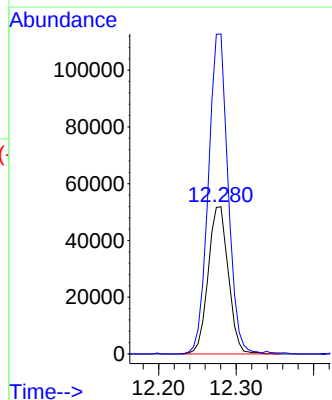
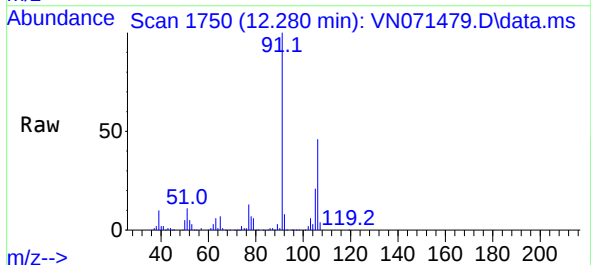
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

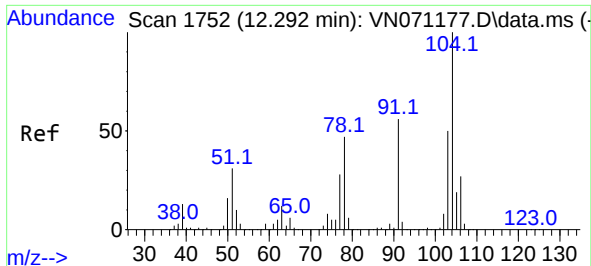
Tgt Ion:106 Resp: 77664
Ion Ratio Lower Upper
106 100
91 205.6 160.6 240.8



#69
o-Xylene
Concen: 5.488 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion:106 Resp: 93744
Ion Ratio Lower Upper
106 100
91 212.2 105.8 317.3

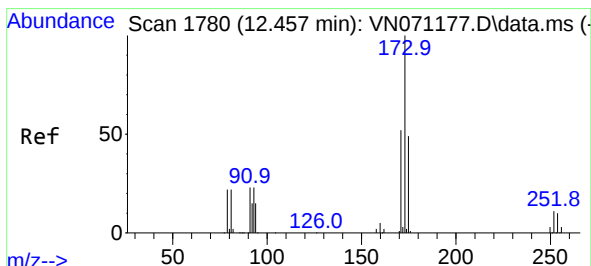
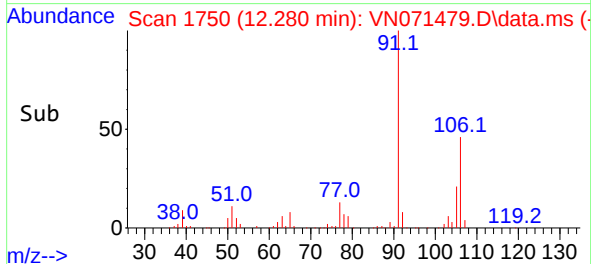
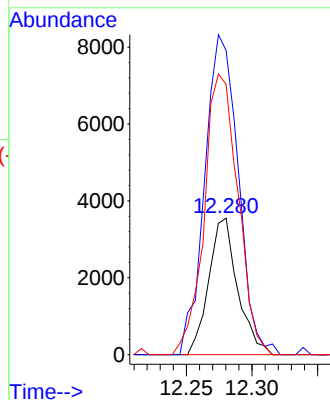
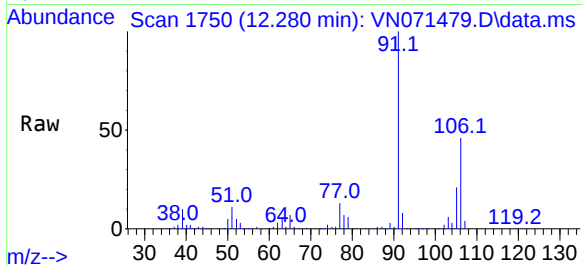




#70
Styrene
Concen: 0.206 ug/l
RT: 12.280 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

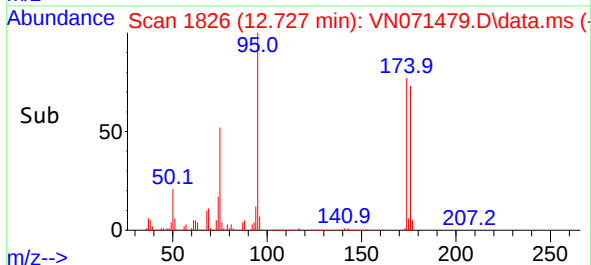
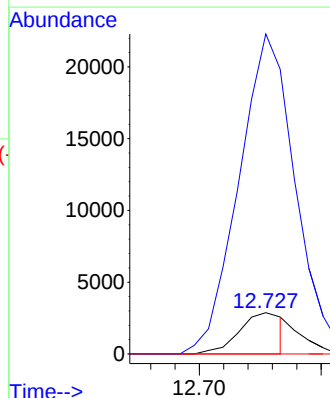
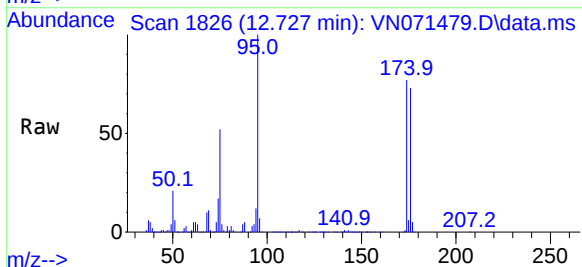
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

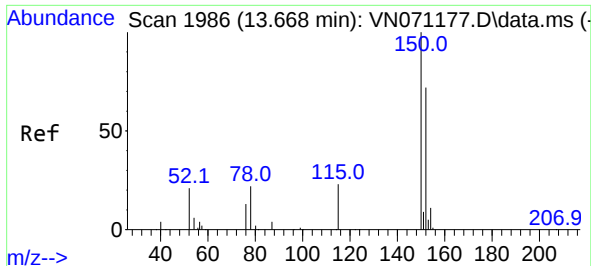
Tgt Ion:104 Resp: 5438
Ion Ratio Lower Upper
104 100
78 272.0 38.7 58.1#
103 240.4 45.0 67.6#



#71
Bromoform
Concen: 0.488 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion:173 Resp: 3578
Ion Ratio Lower Upper
173 100
175 784.9 24.2 72.6#
254 0.0 0.0 0.0

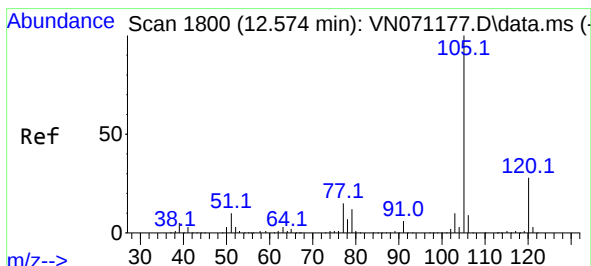
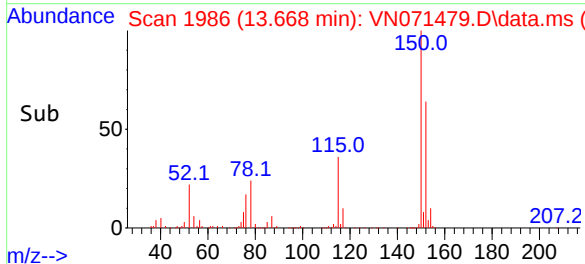
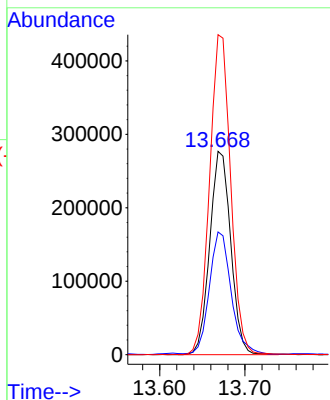
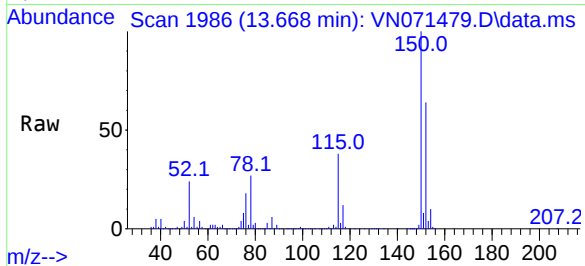




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

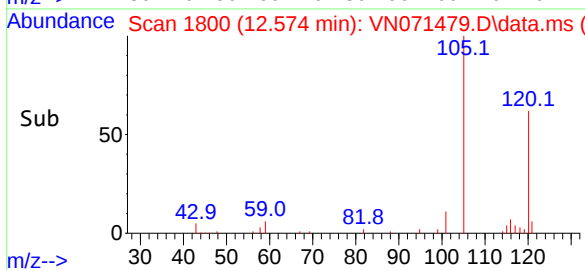
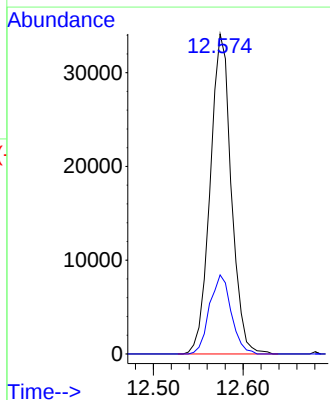
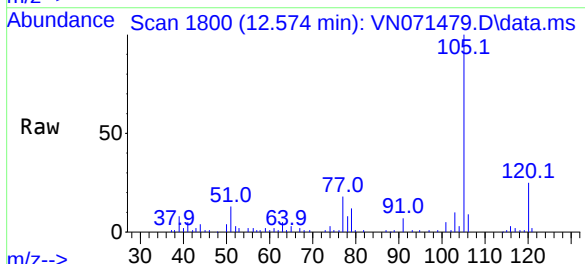
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

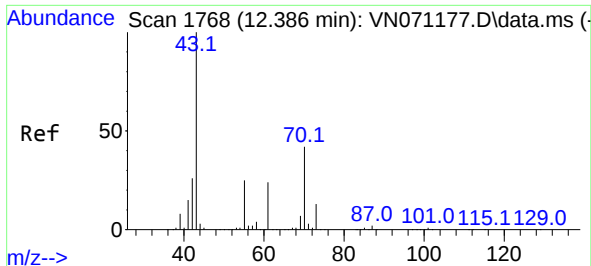
Tgt Ion:152 Resp: 474323
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 158.3 0.0 344.4



#73
Isopropylbenzene
Concen: 1.219 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

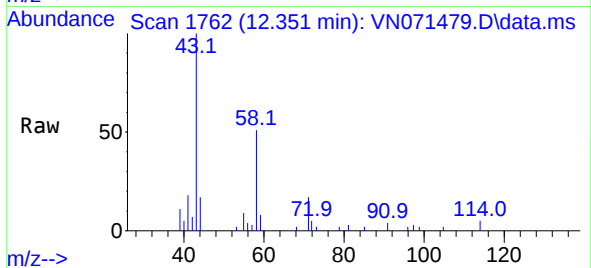
Tgt Ion:105 Resp: 55723
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



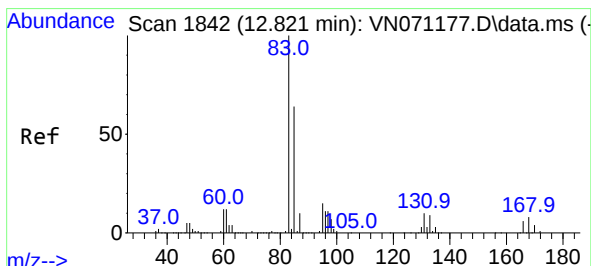
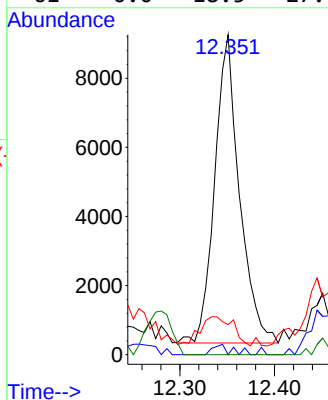
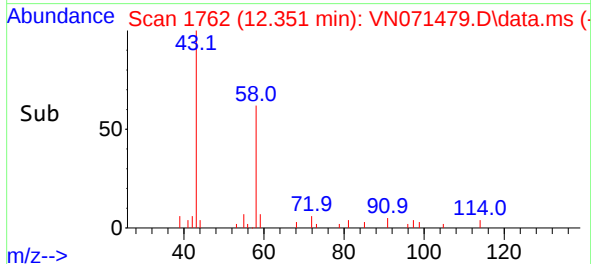


#74
N-amy1 acetate
Concen: 0.942 ug/l
RT: 12.351 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

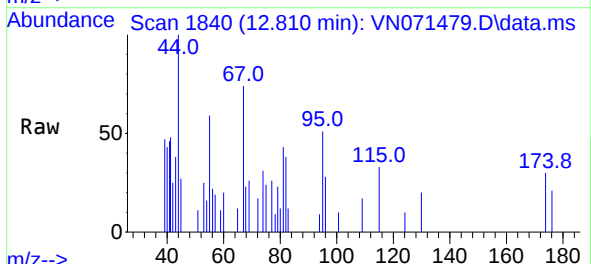
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17



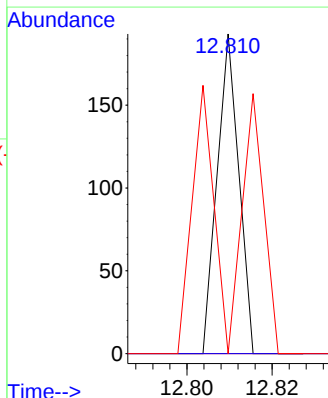
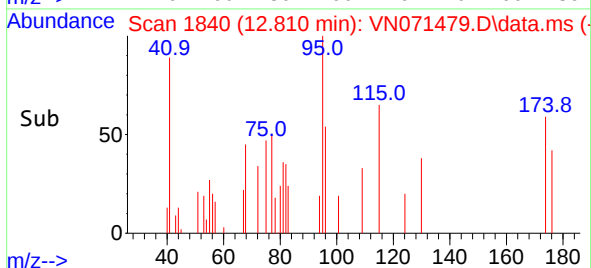
Tgt Ion: 43 Resp: 16199
Ion Ratio Lower Upper
43 100
70 1.6 33.4 50.0#
55 12.8 19.3 28.9#
61 0.0 18.5 27.7#

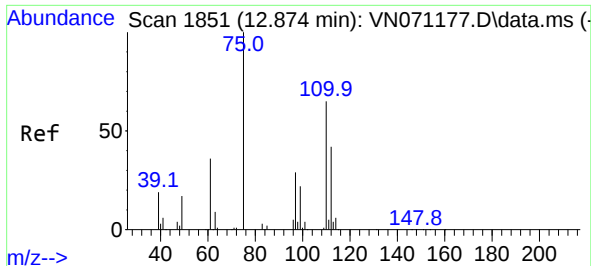


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.810 min Scan# 1840
Delta R.T. -0.011 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10



Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 166.2 32.4 97.2#

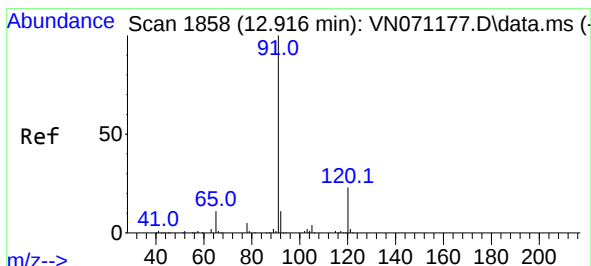
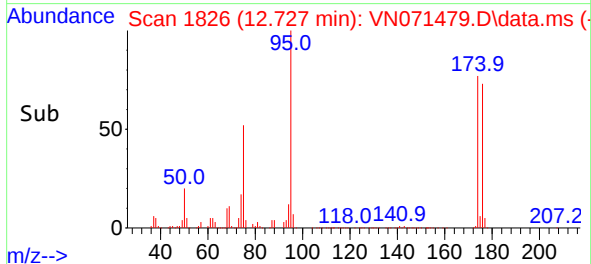
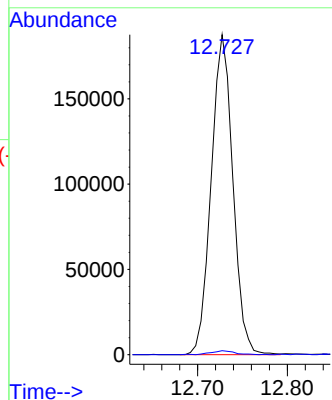
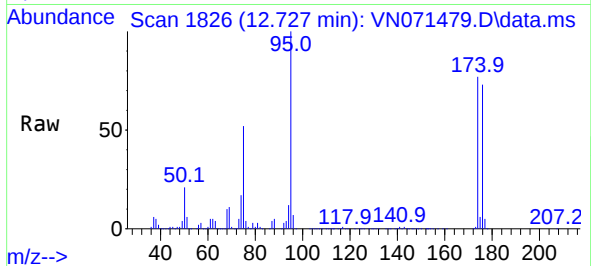




#76
1,2,3-Trichloropropane
Concen: 26.040 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

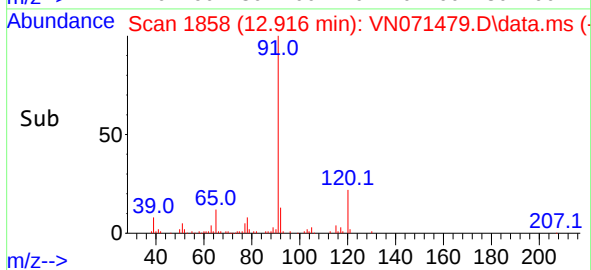
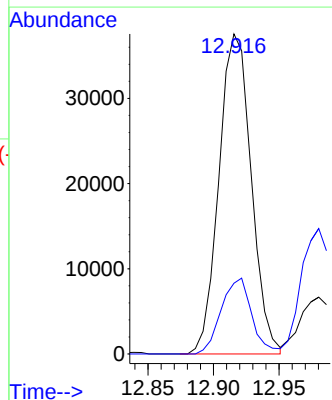
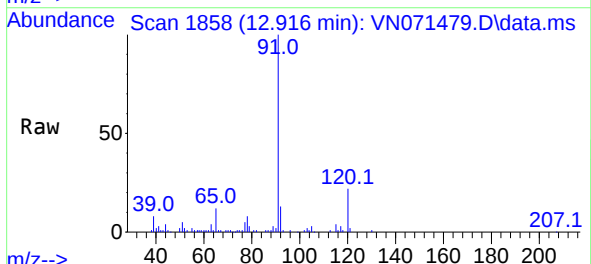
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

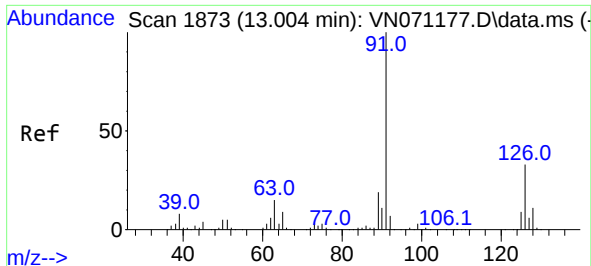
Tgt Ion: 75 Resp: 314902
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#



#78
n-propylbenzene
Concen: 1.310 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 64272
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





#79

2-Chlorotoluene

Concen: 0.413 ug/l

RT: 12.980 min Scan# 1869

Delta R.T. -0.024 min

Lab File: VN071479.D

Acq: 22 Mar 2022 20:10

Instrument :

MSVOA_N

ClientSampleId :

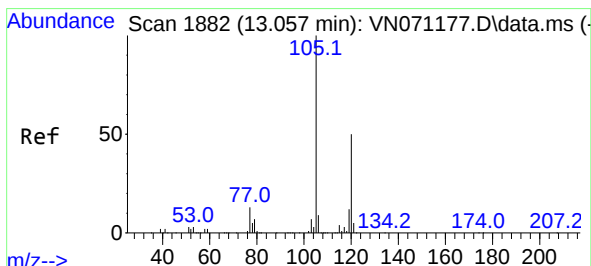
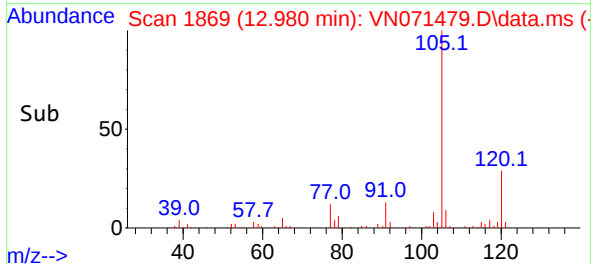
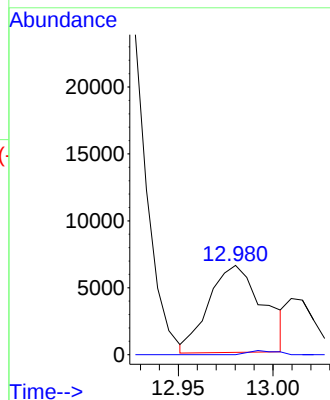
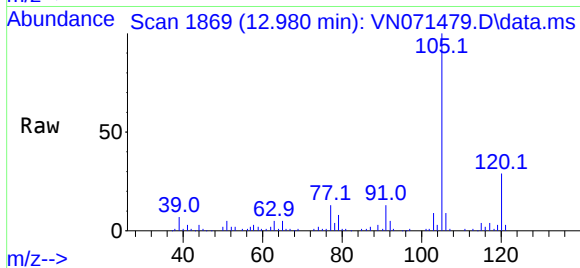
C-17-16-17

Tgt Ion: 91 Resp: 12994

Ion Ratio Lower Upper

91 100

126 2.4 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 2.988 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN071479.D

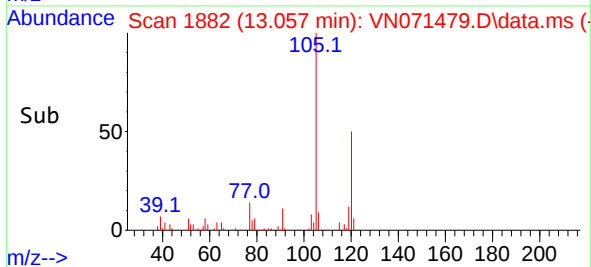
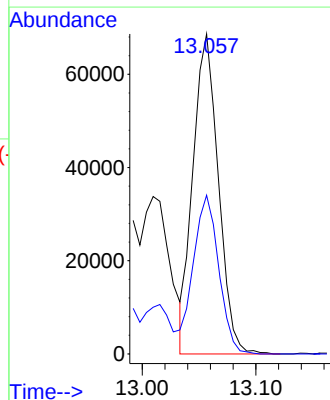
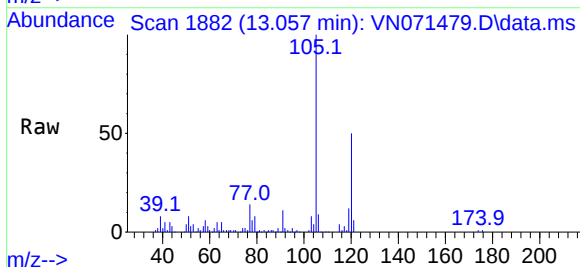
Acq: 22 Mar 2022 20:10

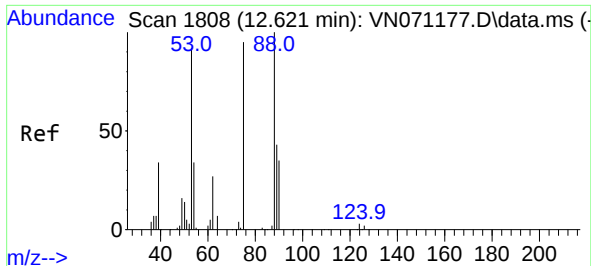
Tgt Ion:105 Resp: 106306

Ion Ratio Lower Upper

105 100

120 51.0 24.6 73.6

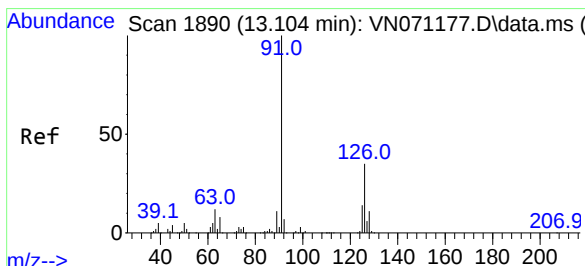
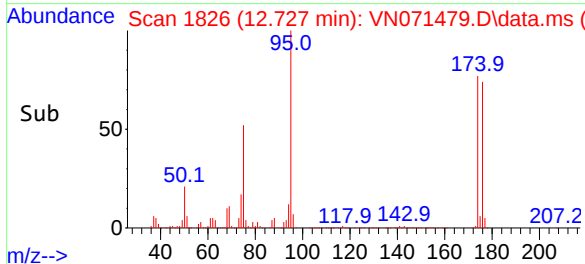
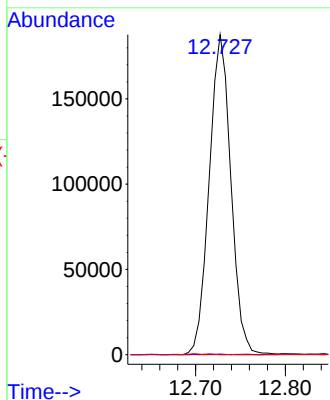
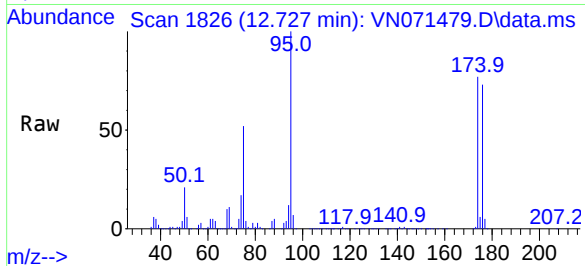




#81
trans-1,4-Dichloro-2-butene
Concen: 71.767 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

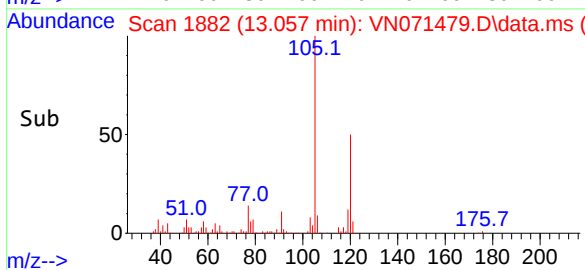
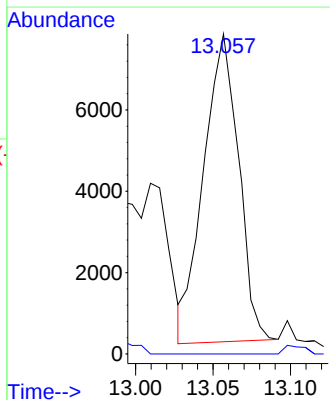
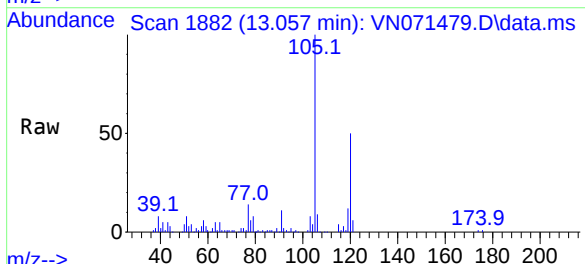
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

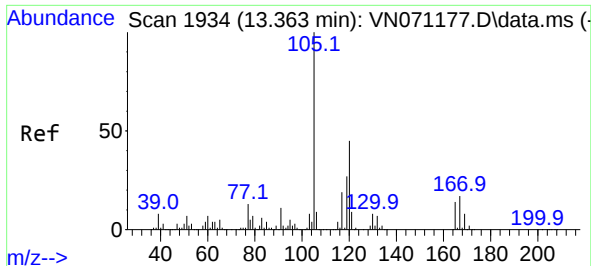
Tgt Ion: 75 Resp: 314902
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.047 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 11866
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

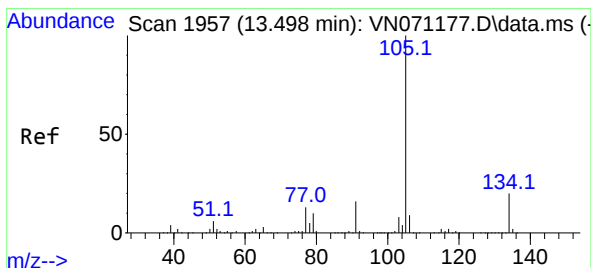
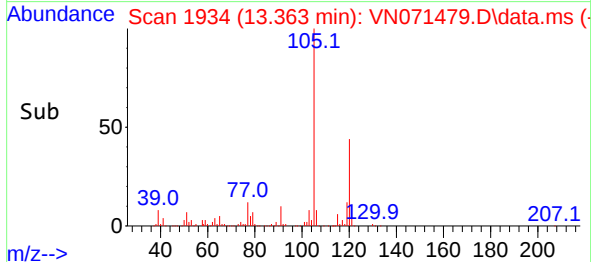
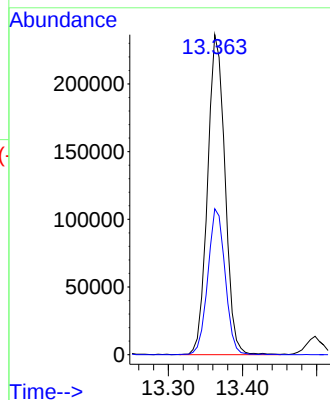
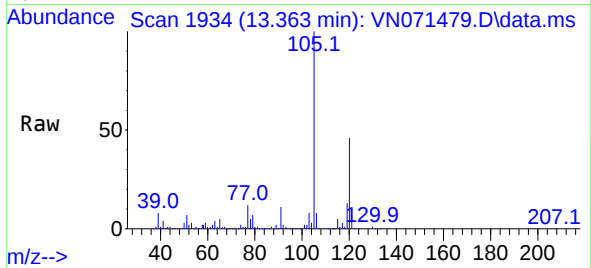




#84
1,2,4-Trimethylbenzene
Concen: 11.326 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

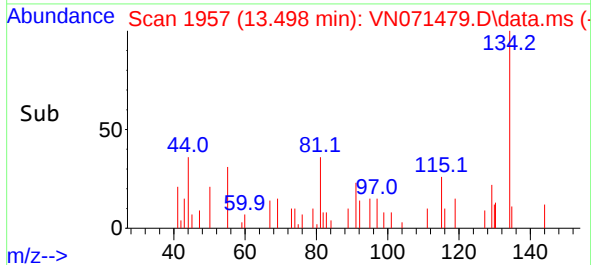
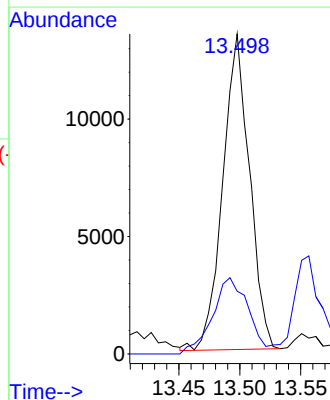
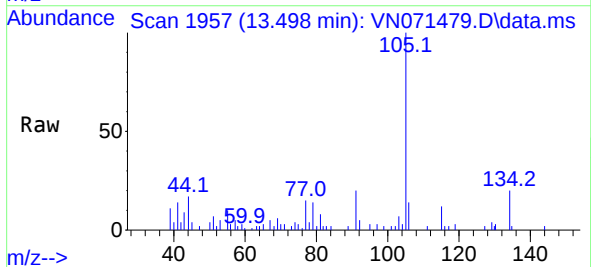
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

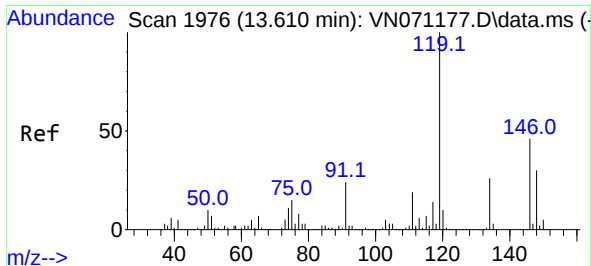
Tgt Ion:105 Resp: 385914
Ion Ratio Lower Upper
105 100
120 45.3 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.487 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion:105 Resp: 20536
Ion Ratio Lower Upper
105 100
134 32.6 10.4 31.1#

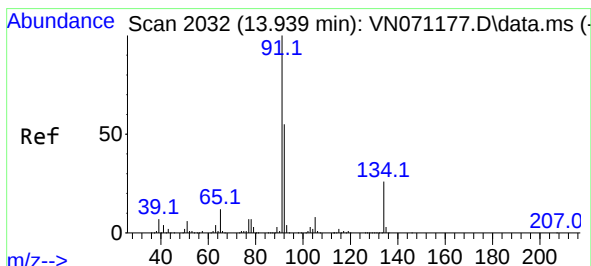
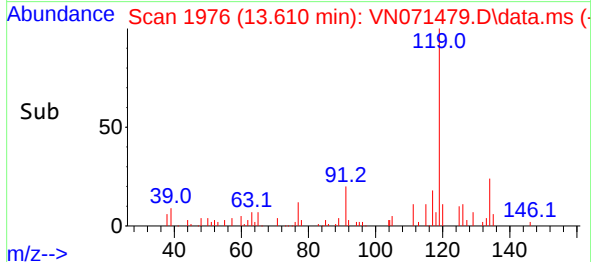
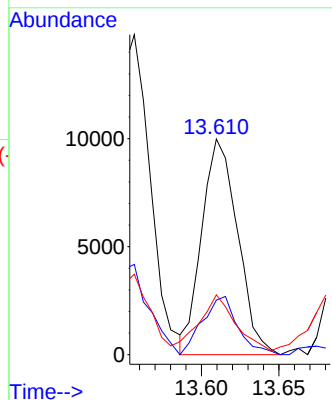
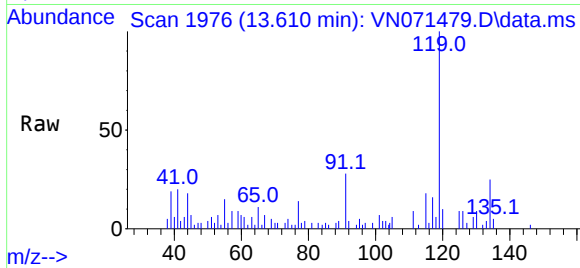




#86
p-Isopropyltoluene
Concen: 0.485 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

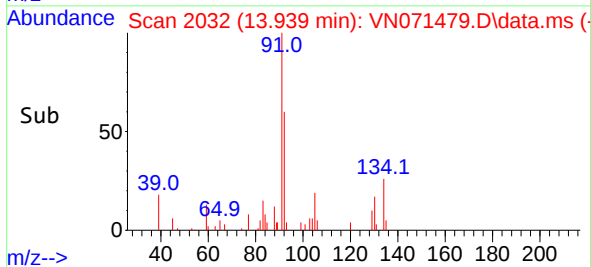
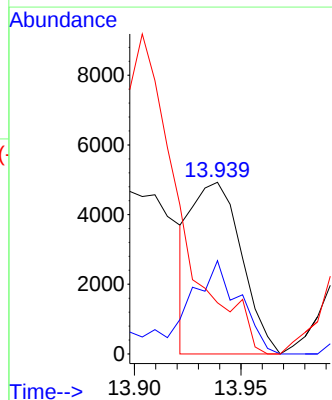
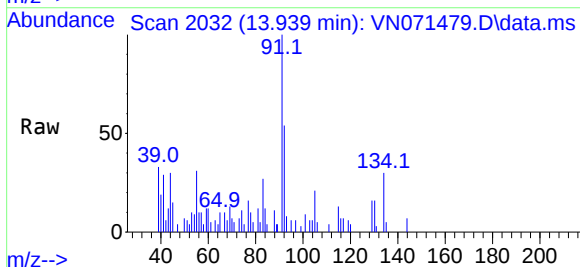
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

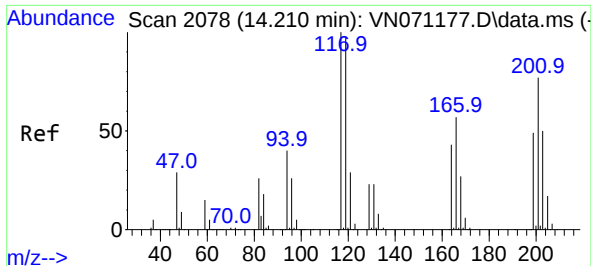
Tgt Ion:119 Resp: 16088
Ion Ratio Lower Upper
119 100
134 26.6 13.6 40.7
91 25.7 11.4 34.1



#89
n-Butylbenzene
Concen: 0.310 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Tgt Ion: 91 Resp: 8034
Ion Ratio Lower Upper
91 100
92 56.0 25.4 76.0
134 0.0 13.6 40.8#

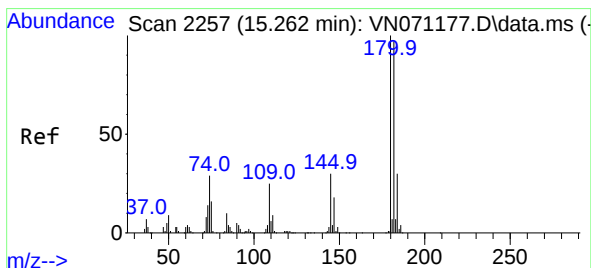
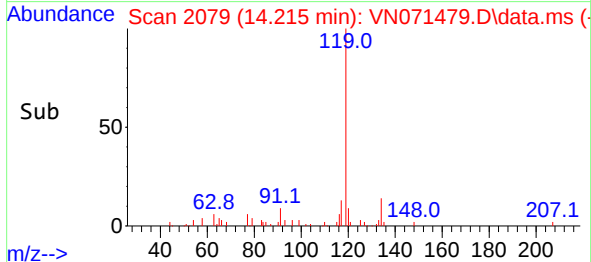
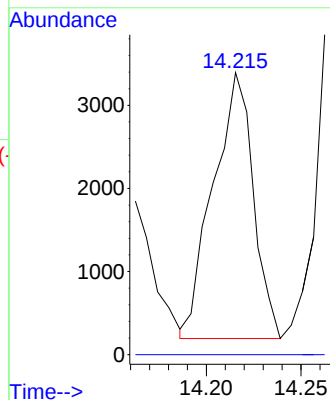
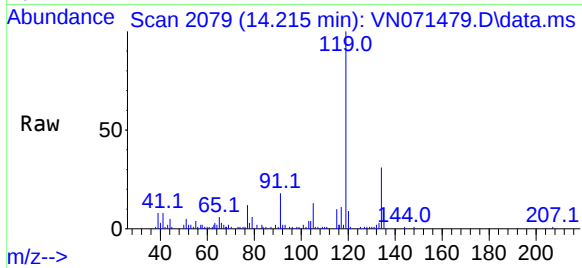




#90
Hexachloroethane
Concen: 0.713 ug/l
RT: 14.215 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

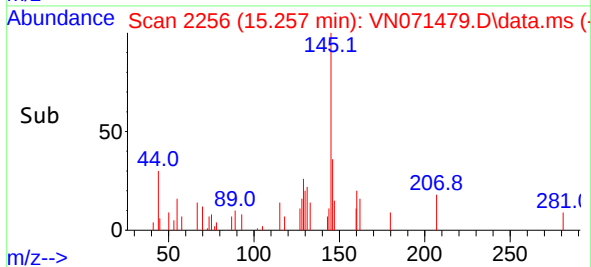
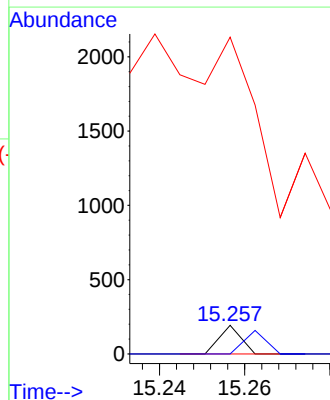
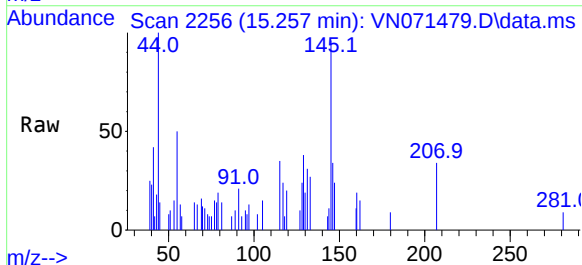
Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17

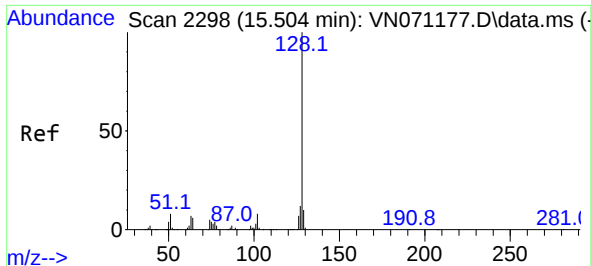
Tgt Ion:117 Resp: 4704
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 2.997 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.005 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

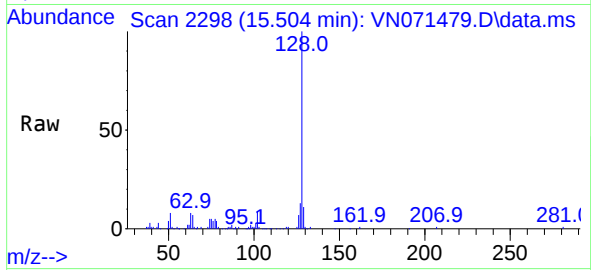
Tgt Ion:180 Resp: 68
Ion Ratio Lower Upper
180 100
182 82.4 48.3 144.9
145 0.0 14.5 43.5#





#95
Naphthalene
Concen: 10.126 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071479.D
Acq: 22 Mar 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :
C-17-16-17



Tgt Ion:128 Resp: 122398

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	9.8	8.7	13.1

