

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071191.D
 Acq On : 08 Mar 2022 15:41
 Operator : JC\MD
 Sample : N1759-01MEDL 50X
 Misc : 6.83g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 09 04:02:53 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	8.086	168	791301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1273813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1181243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	448596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	487972	44.995	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.980%		
35) Dibromofluoromethane	8.016	113	370476	46.089	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.180%		
50) Toluene-d8	10.439	98	1594496	49.267	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.727	95	525068	47.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.820%		
Target Compounds						Qvalue
3) Chloromethane	2.299	50	3096	0.231	ug/l	96
5) Bromomethane	2.851	94	1519	Below Cal	#	46
10) Methyl Iodide	4.416	142	2579	0.225	ug/l #	73
13) Acrolein	4.051	56	1535	0.681	ug/l #	52
15) Acrylonitrile	5.563	53	1796	0.284	ug/l #	90
16) Acetone	4.298	43	5299	1.004	ug/l	97
18) Methyl Acetate	4.869	43	3738	0.731	ug/l	93
20) Methylene Chloride	5.110	84	2061	0.594	ug/l #	72
25) 2-Butanone	7.339	43	4036	0.475	ug/l	97
29) Tetrahydrofuran	7.692	42	2443	0.415	ug/l #	67
31) Cyclohexane	8.075	56	35927	2.074	ug/l #	68
36) 1,1-Dichloropropene	8.081	75	60156	4.671	ug/l #	49
38) Carbon Tetrachloride	8.081	117	76433	6.136	ug/l #	15
39) Methylcyclohexane	9.457	83	51673	3.411	ug/l #	83
43) Isopropyl Acetate	8.557	43	8792	0.332	ug/l #	55
47) Bromodichloromethane	9.745	83	6232	0.481	ug/l #	25
48) Methyl methacrylate	9.586	41	6765	0.551	ug/l #	25
49) 1,4-Dioxane	9.575	88	582	2.726	ug/l #	1
51) 4-Methyl-2-Pentanone	10.369	43	23828	1.449	ug/l	97
55) 1,1,2-Trichloroethane	10.874	97	32326	3.376	ug/l #	29
58) 2-Chloroethyl Vinyl ether	10.051	63	355	27.961	ug/l #	45
59) 2-Hexanone	11.051	43	51392	4.579	ug/l #	25
67) Ethyl Benzene	11.839	91	408460	9.107	ug/l	98
68) m/p-Xylenes	11.945	106	407835	24.855	ug/l	98
69) o-Xylene	12.280	106	3926	0.239	ug/l	92
73) Isopropylbenzene	12.574	105	187086	4.326	ug/l	99
74) N-amyl acetate	12.363	43	32753	2.014	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.821	83	2743	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.980	75	9259	Below Cal	#	1
78) n-propylbenzene	12.916	91	462885	9.975	ug/l	98
79) 2-Chlorotoluene	12.980	91	129015	4.331	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.057	105	676685	20.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	271549	65.436	ug/l #	5
82) 4-Chlorotoluene	13.051	91	64364	2.426	ug/l #	39
83) tert-Butylbenzene	13.363	119	233286	7.770	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.363	105	1912811	59.357	ug/l	99

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 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)

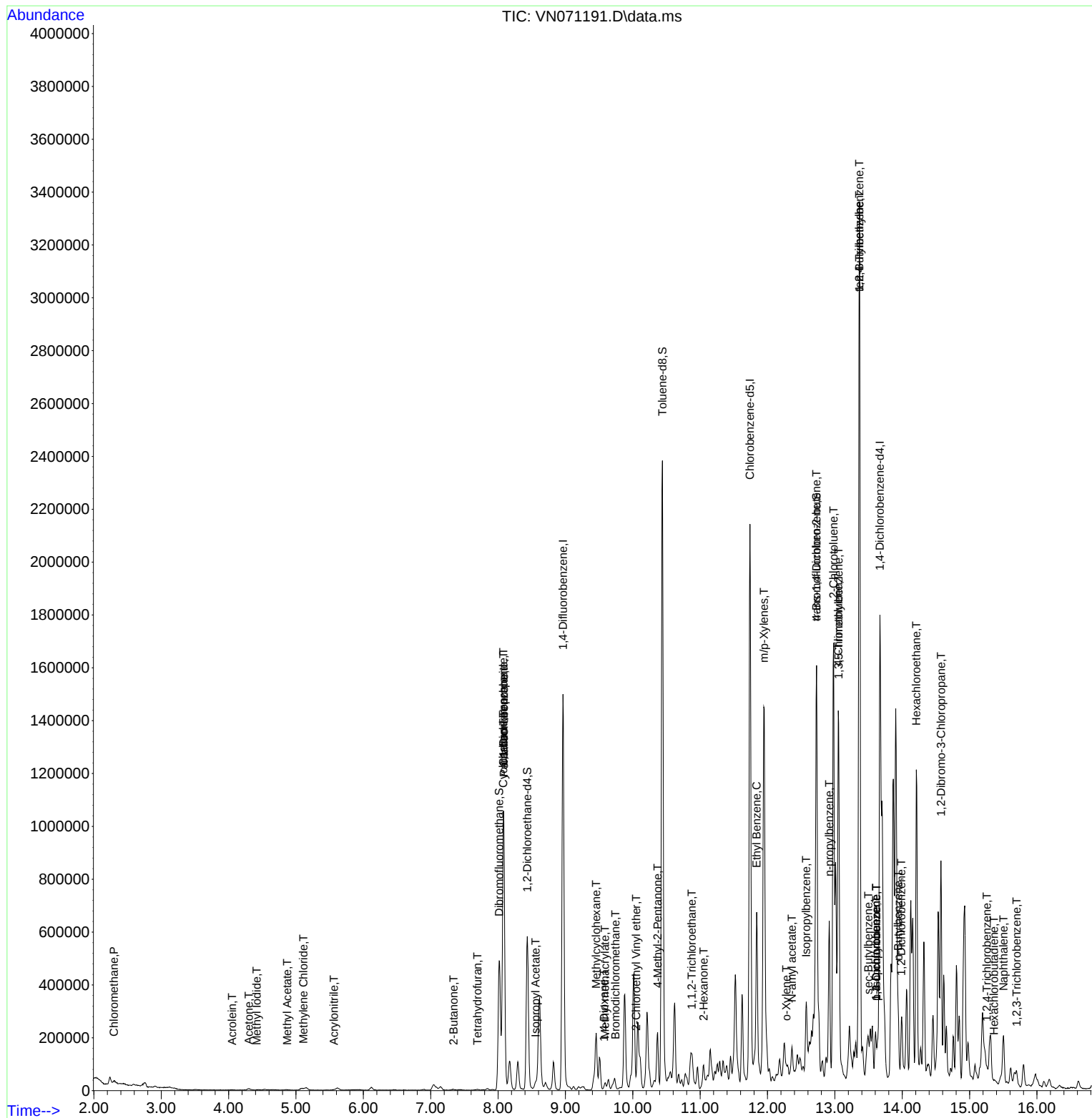
85) sec-Butylbenzene	13.498	105	76429	1.915	ug/l #	60
86) p-Isopropyltoluene	13.615	119	34192	1.089	ug/l	96
87) 1,3-Dichlorobenzene	13.615	146	5986	0.365	ug/l	90
88) 1,4-Dichlorobenzene	13.615	146	5986	0.374	ug/l	90
89) n-Butylbenzene	13.939	91	122187	4.978	ug/l #	67
90) Hexachloroethane	14.210	117	53848	8.628	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	5826	0.370	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.574	75	2336	0.928	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.257	180	12611	4.602	ug/l #	81
94) Hexachlorobutadiene	15.362	225	1405	0.318	ug/l	82
95) Naphthalene	15.504	128	165444	12.297	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	14098	4.624	ug/l #	78

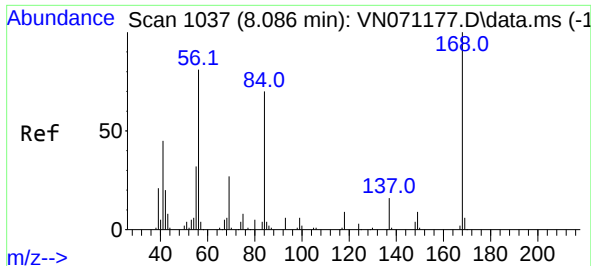
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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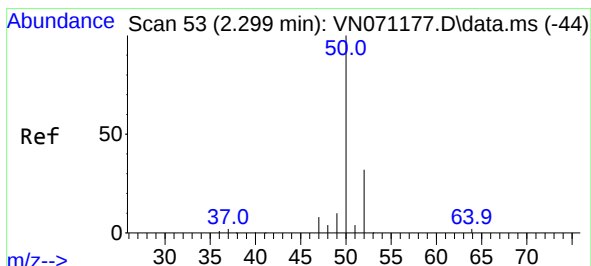
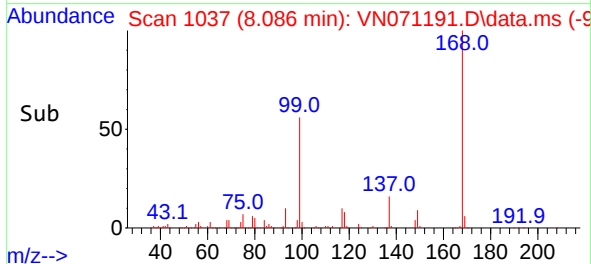
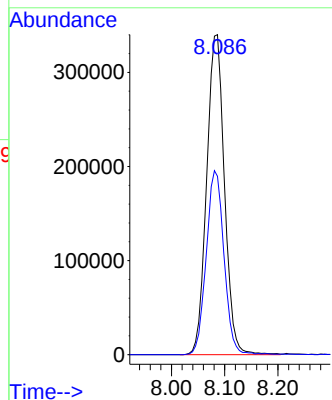
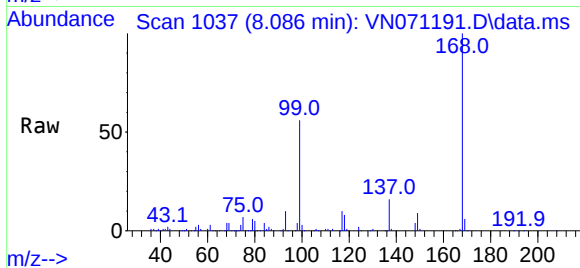




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

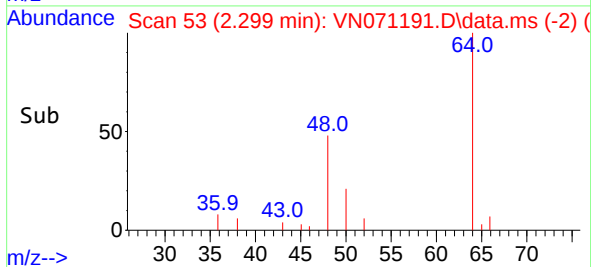
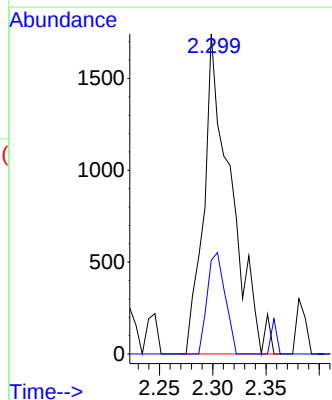
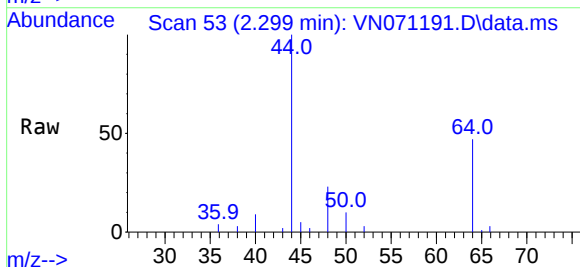
Instrument :
MSVOA_N
ClientSampleId :

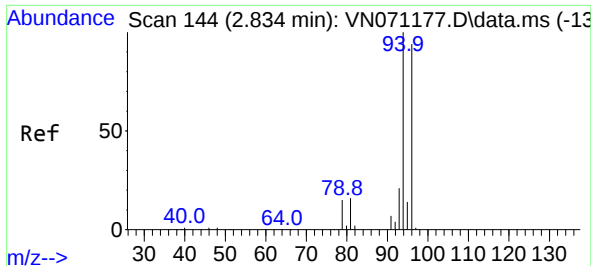
Tgt Ion:168 Resp: 791301
Ion Ratio Lower Upper
168 100
99 55.8 41.3 61.9



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 50 Resp: 3096
Ion Ratio Lower Upper
50 100
52 29.3 25.4 38.0

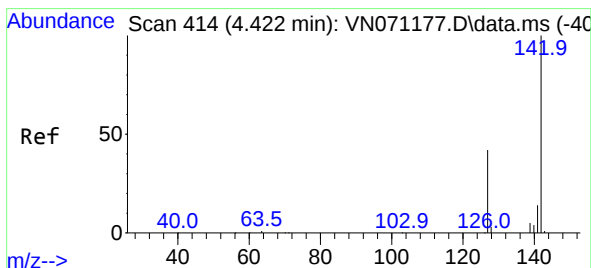
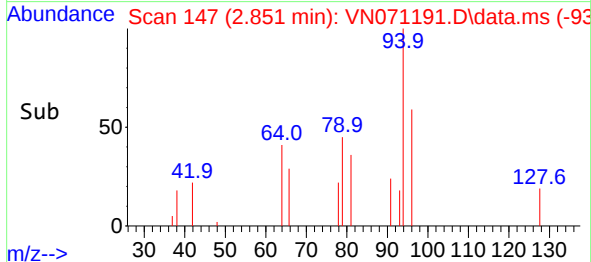
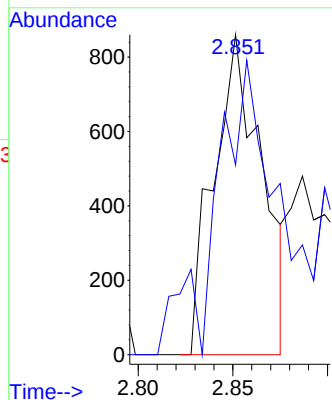
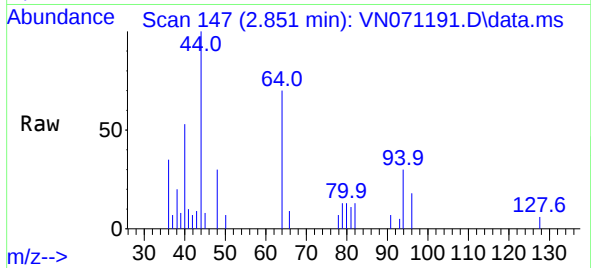




#5
Bromomethane
Concen: Below Cal
RT: 2.851 min Scan# 14
Delta R.T. 0.017 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

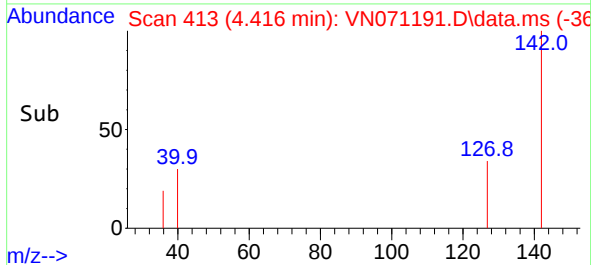
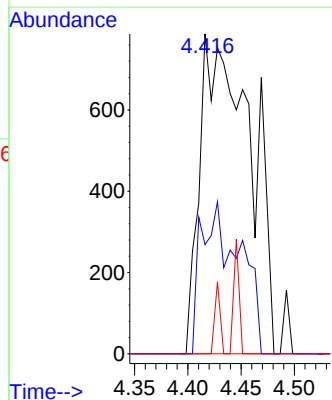
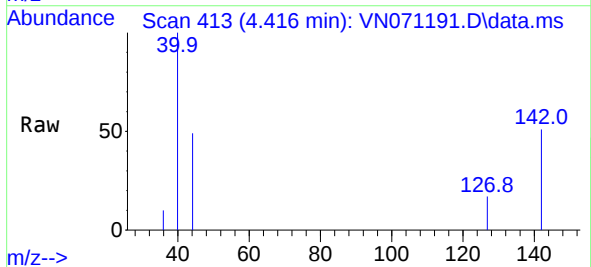
Instrument :
MSVOA_N
ClientSampleId :

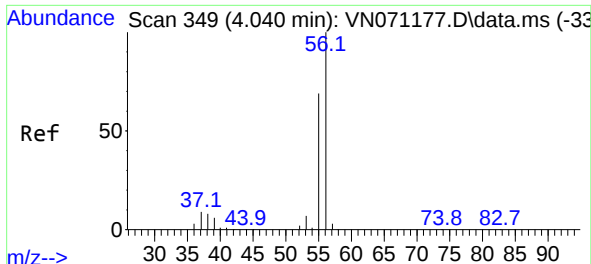
Tgt Ion: 94 Resp: 1519
Ion Ratio Lower Upper
94 100
96 40.3 73.8 110.8#



#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion:142 Resp: 2579
Ion Ratio Lower Upper
142 100
127 27.0 35.4 53.0#
141 2.4 11.6 17.4#

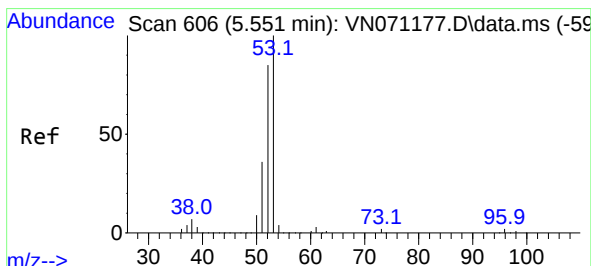
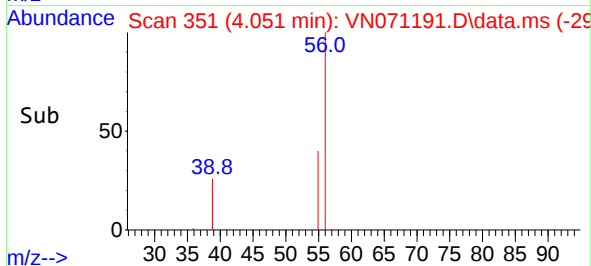
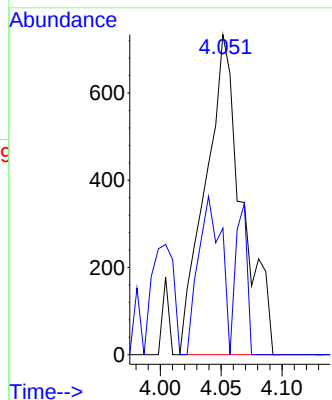
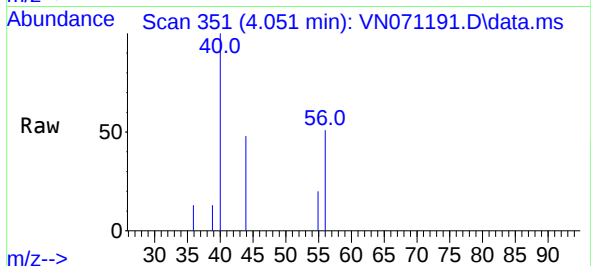




#13
Acrolein
Concen: 0.681 ug/l
RT: 4.051 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

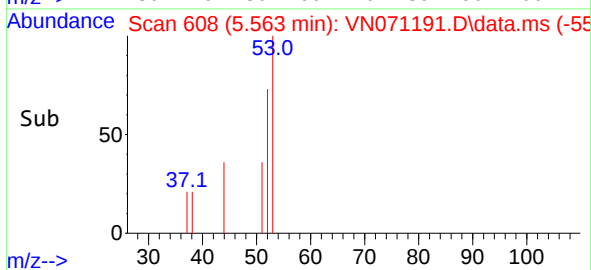
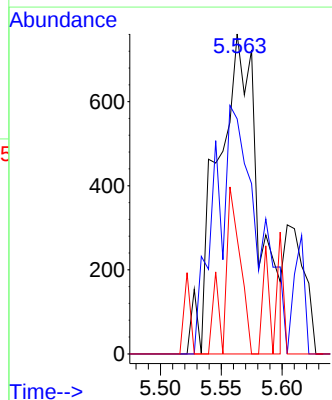
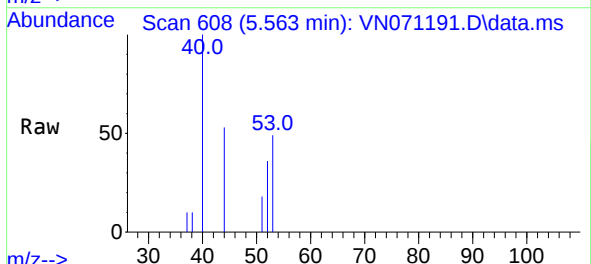
Instrument :
MSVOA_N
ClientSampleId :

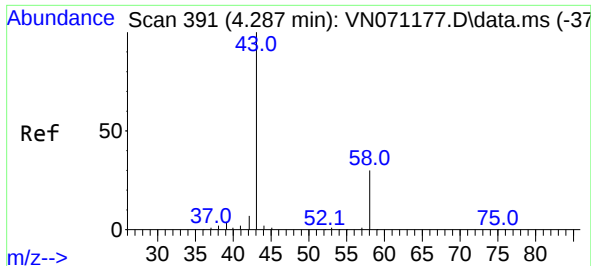
Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
55 30.9 56.6 85.0#



#15
Acrylonitrile
Concen: 0.284 ug/l
RT: 5.563 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 53 Resp: 1796
Ion Ratio Lower Upper
53 100
52 80.7 66.2 99.2
51 20.2 29.6 44.4#

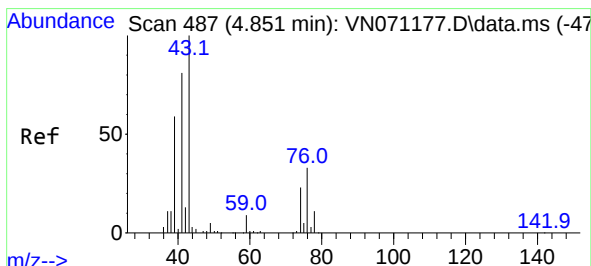
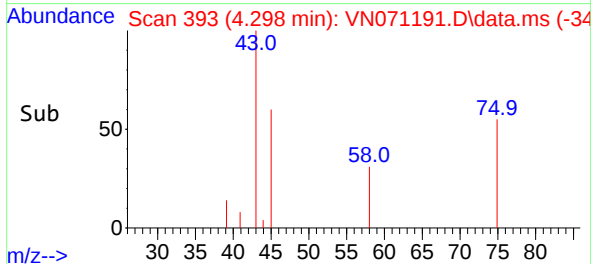
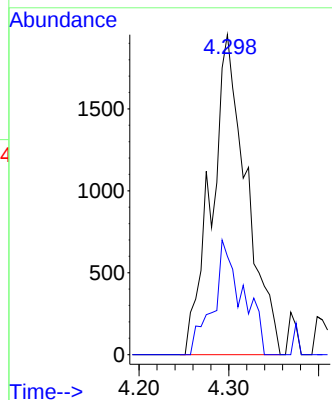
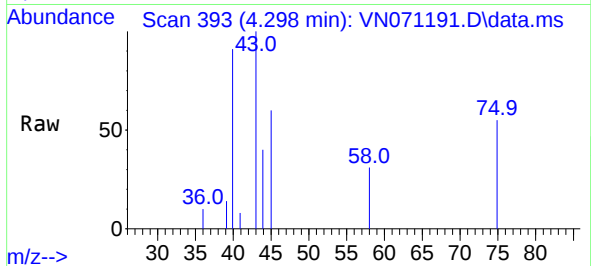




#16
Acetone
Concen: 1.004 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

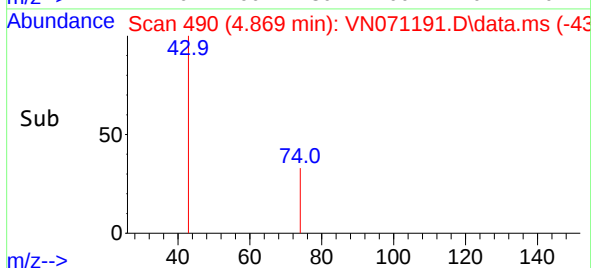
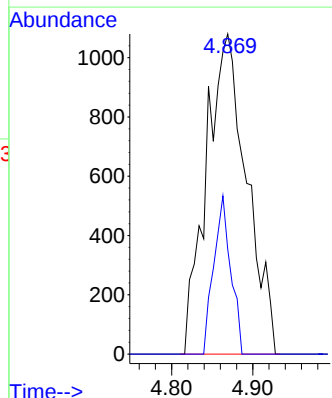
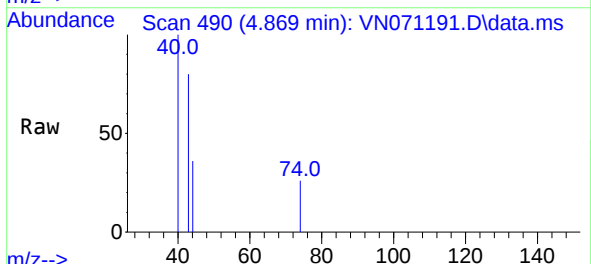
Instrument :
MSVOA_N
ClientSampleId :

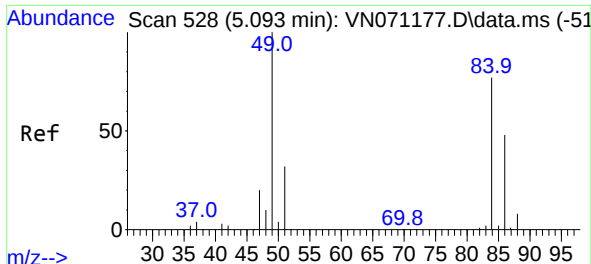
Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7



#18
Methyl Acetate
Concen: 0.731 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2

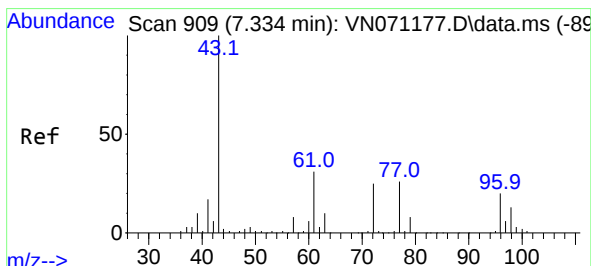
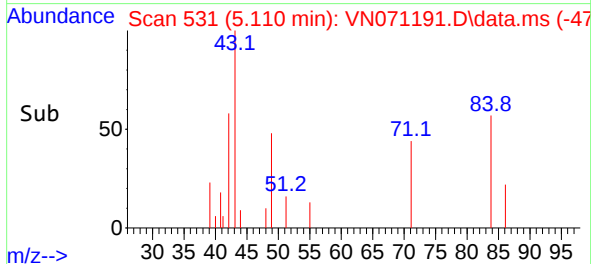
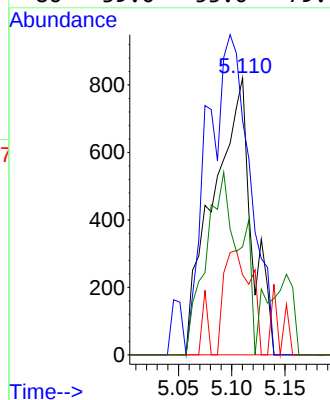
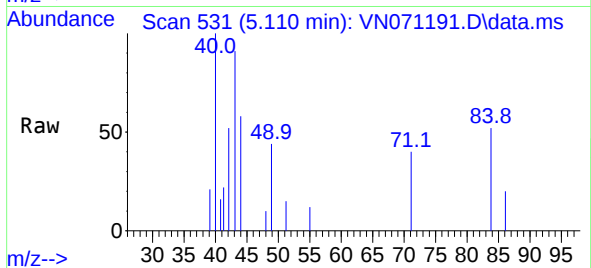




#20
Methylene Chloride
Concen: 0.594 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

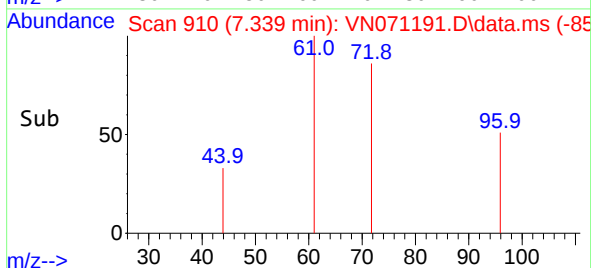
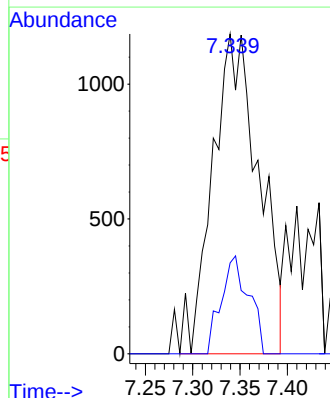
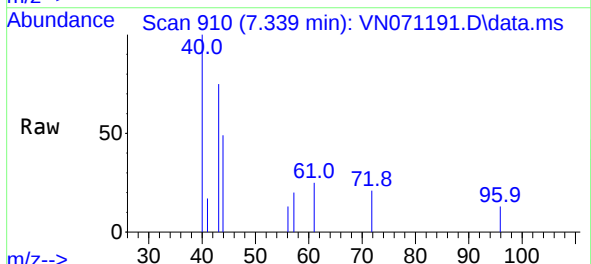
Instrument :
MSVOA_N
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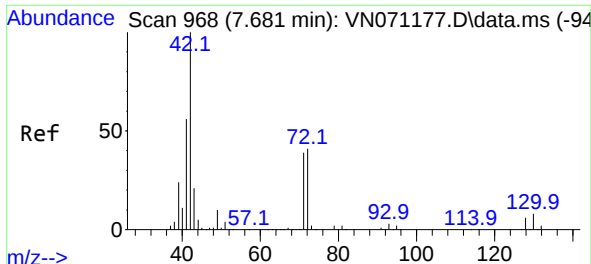
Tgt Ion: 84 Resp: 2061
Ion Ratio Lower Upper
84 100
49 84.5 93.5 140.3#
51 28.9 29.4 44.2#
86 39.0 53.0 79.4#



#25
2-Butanone
Concen: 0.475 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

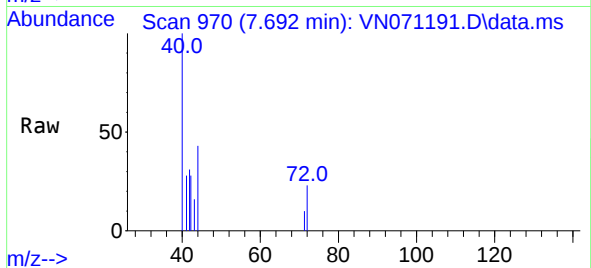
Tgt Ion: 43 Resp: 4036
Ion Ratio Lower Upper
43 100
72 28.4 21.7 32.5



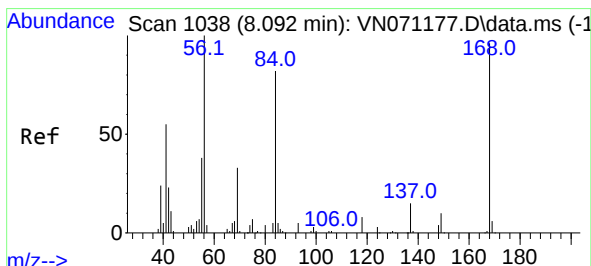
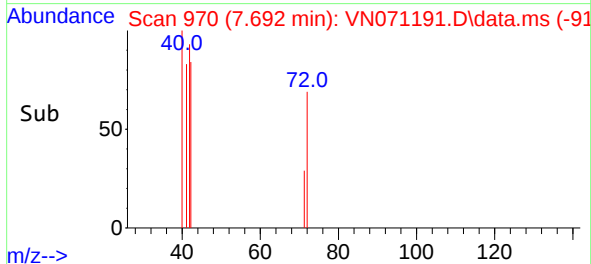
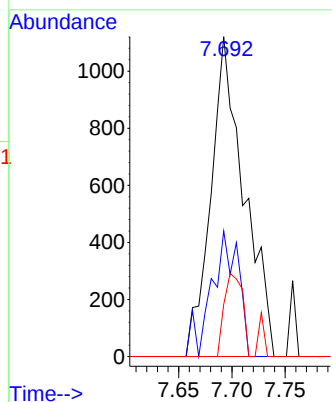


#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 7.692 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
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ClientSampleId :

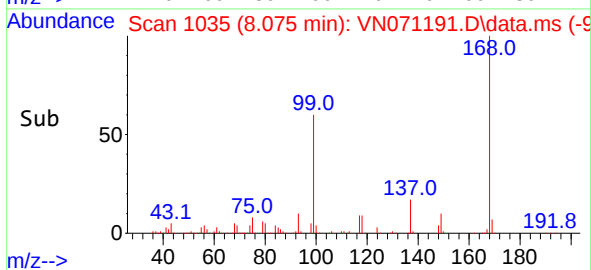
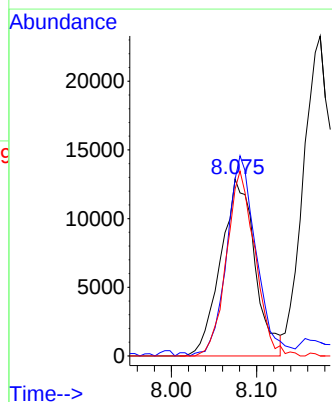
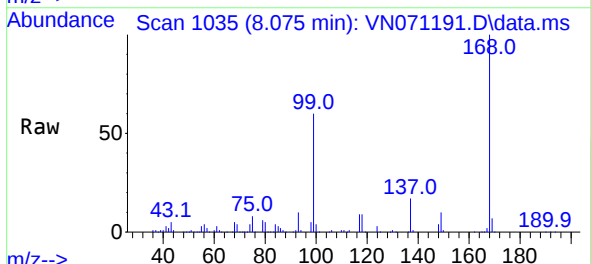


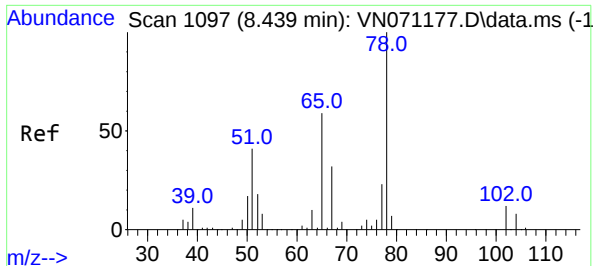
Tgt Ion: 42 Resp: 2443
Ion Ratio Lower Upper
42 100
72 31.4 36.3 54.5#
71 14.2 34.7 52.1#



#31
Cyclohexane
Concen: 2.074 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.018 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 56 Resp: 35927
Ion Ratio Lower Upper
56 100
69 98.1 27.1 40.7#
84 94.4 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 44.995 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_N

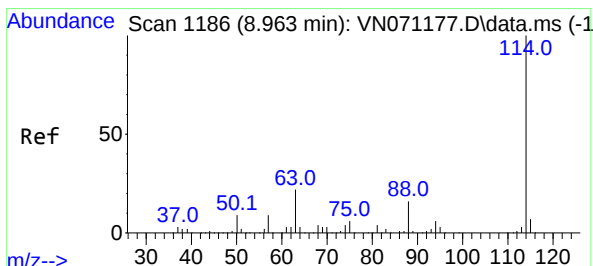
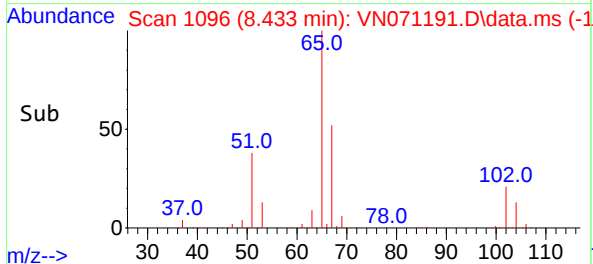
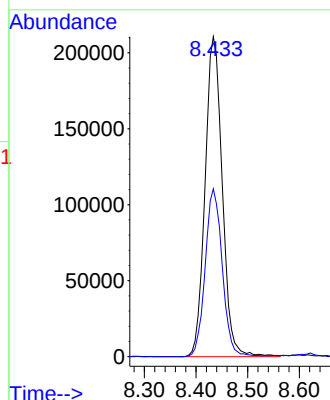
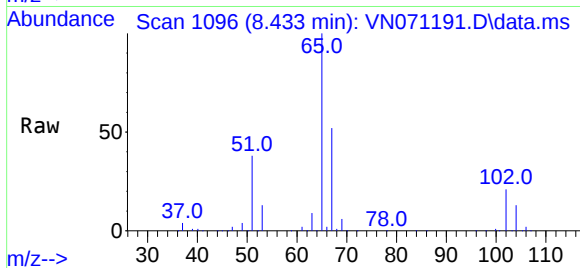
ClientSampleId :

Tgt Ion: 65 Resp: 487972

Ion Ratio Lower Upper

65 100

67 52.0 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: VN071191.D

Acq: 08 Mar 2022 15:41

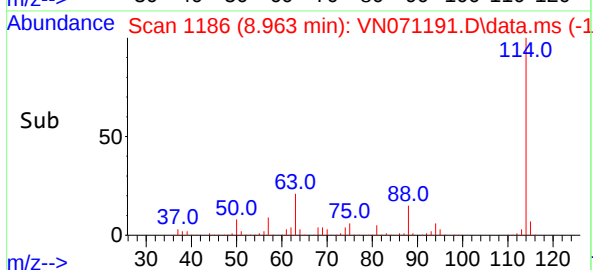
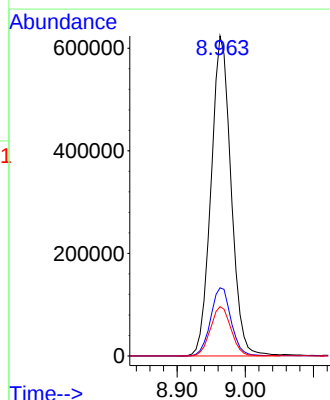
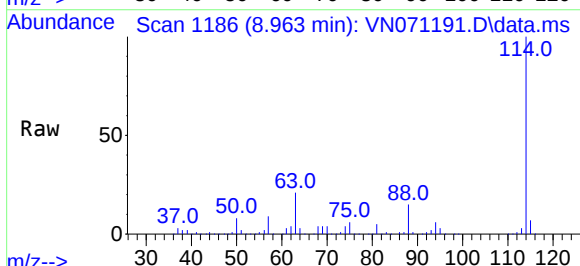
Tgt Ion: 114 Resp: 1273813

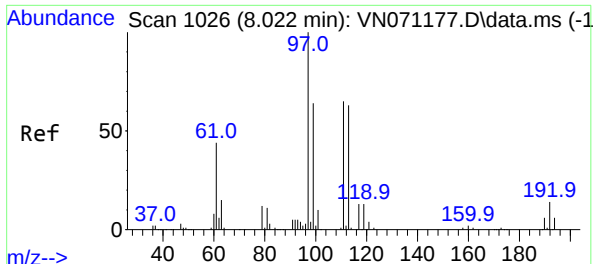
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.8

88 15.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 46.089 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

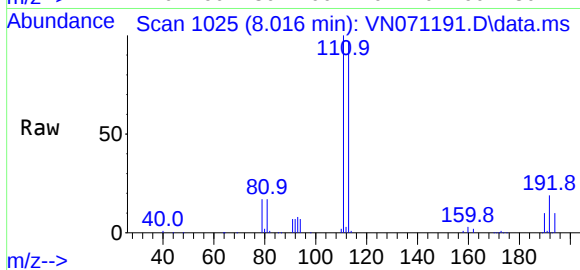
Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :



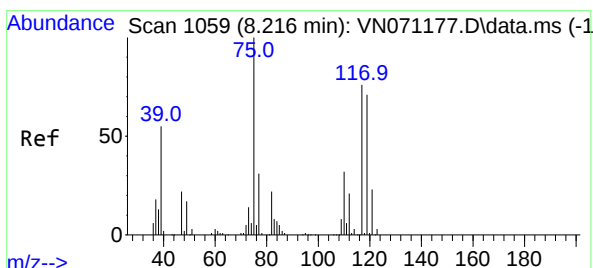
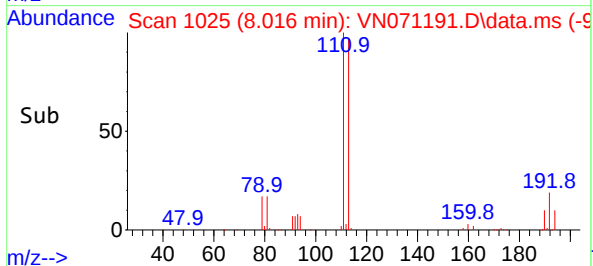
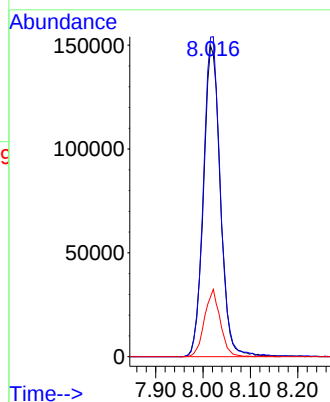
Tgt Ion:113 Resp: 370476

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.671 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

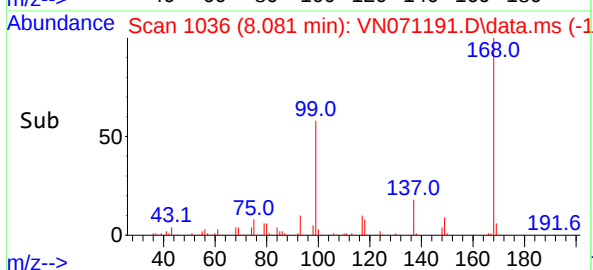
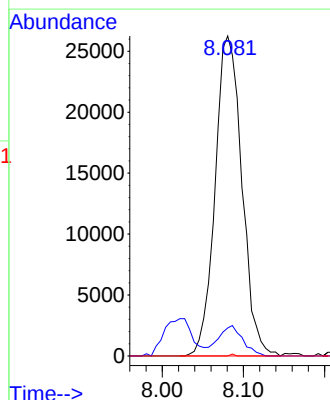
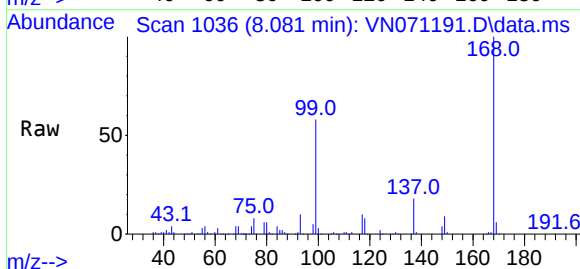
Tgt Ion: 75 Resp: 60156

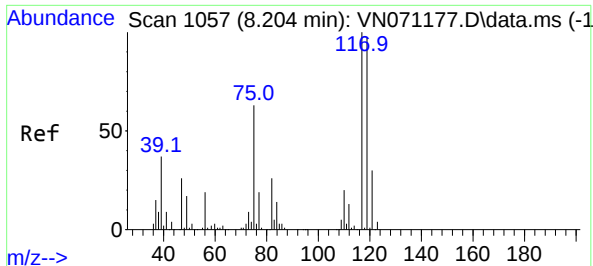
Ion Ratio Lower Upper

75 100

110 8.9 18.4 55.2#

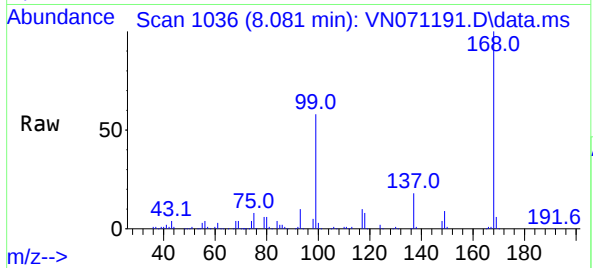
77 0.1 24.4 36.6#



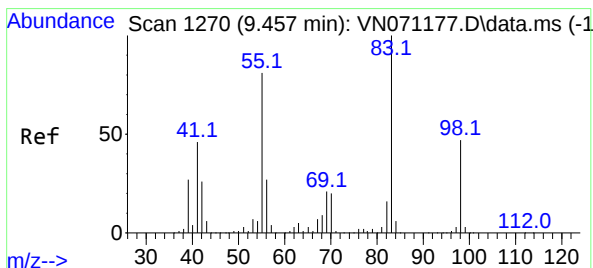
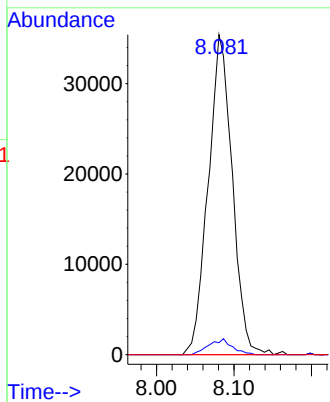
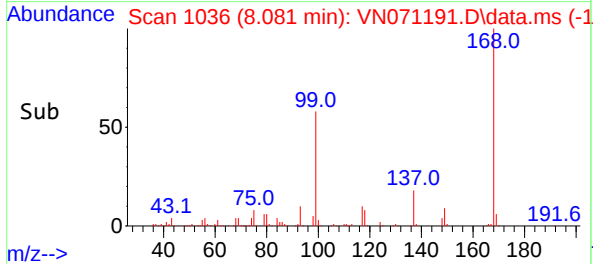


#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

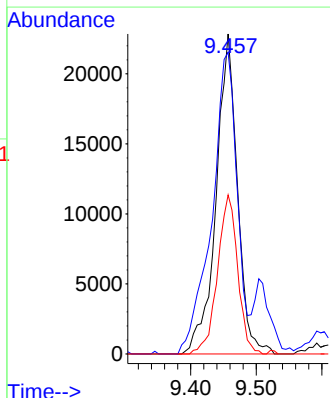
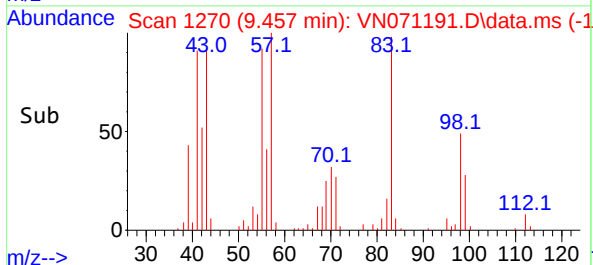
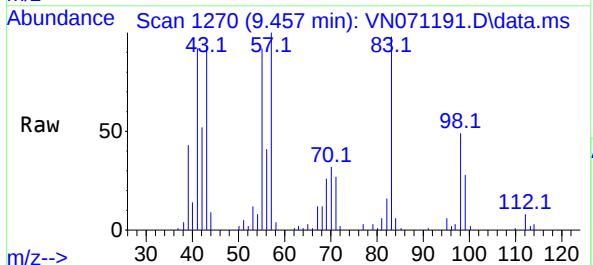


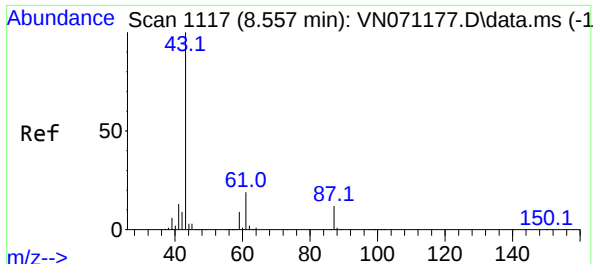
Tgt Ion:117 Resp: 76433
Ion Ratio Lower Upper
117 100
119 3.8 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.411 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 83 Resp: 51673
Ion Ratio Lower Upper
83 100
55 94.3 58.1 87.1#
98 49.7 38.4 57.6

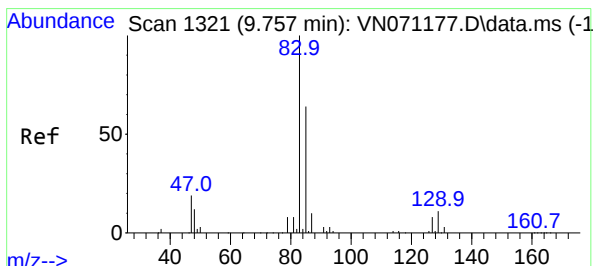
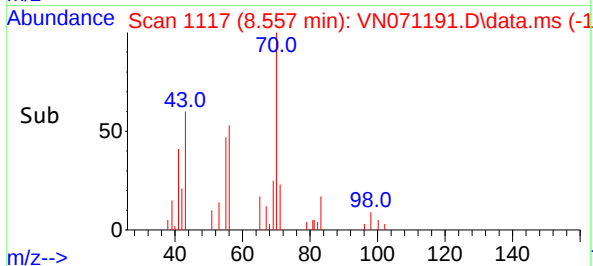
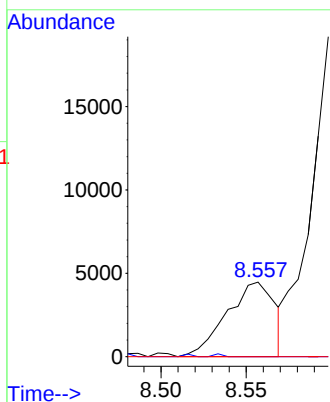
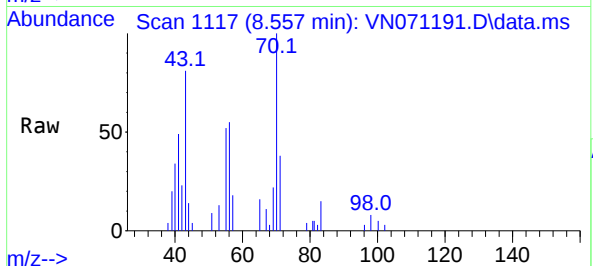




#43
Isopropyl Acetate
Concen: 0.332 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

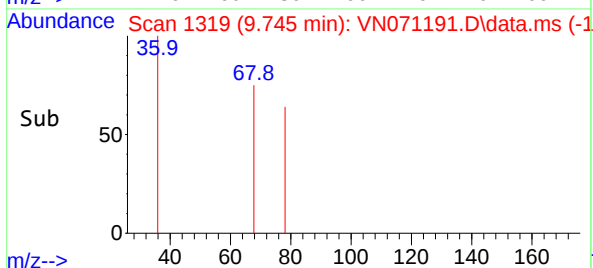
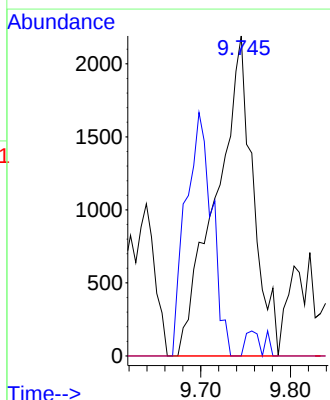
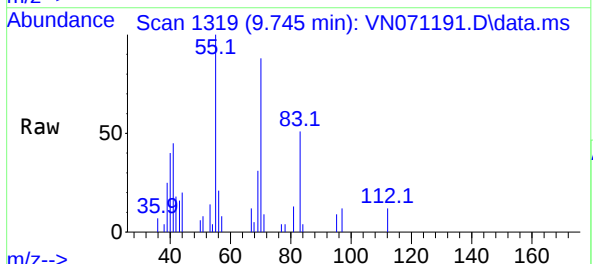
Instrument :
MSVOA_N
ClientSampleId :

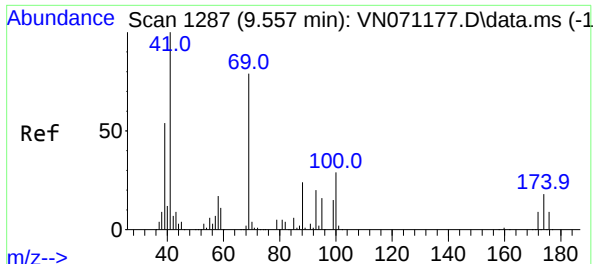
Tgt Ion: 43 Resp: 8792
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#47
Bromodichloromethane
Concen: 0.481 ug/l
RT: 9.745 min Scan# 1319
Delta R.T. -0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 83 Resp: 6232
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.551 ug/l

RT: 9.586 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

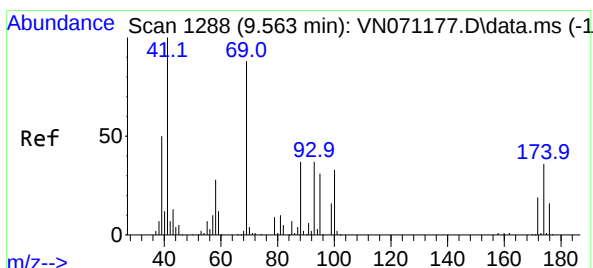
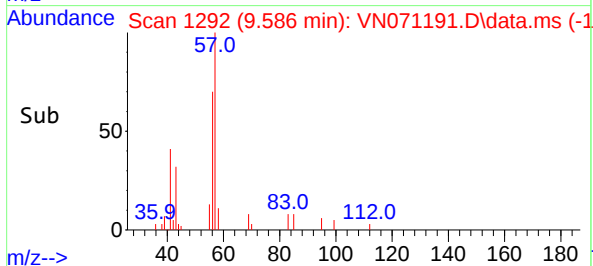
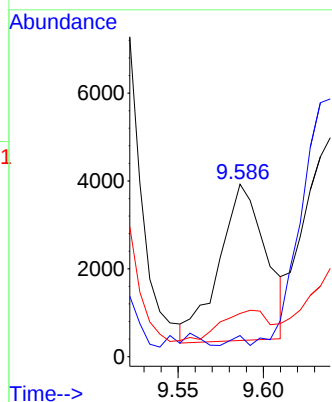
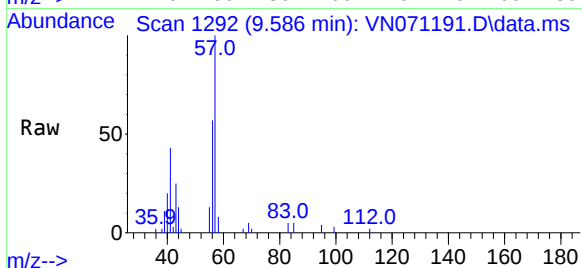
Tgt Ion: 41 Resp: 6765

Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 30.9 58.4 87.6#



#49

1,4-Dioxane

Concen: 2.726 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.012 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

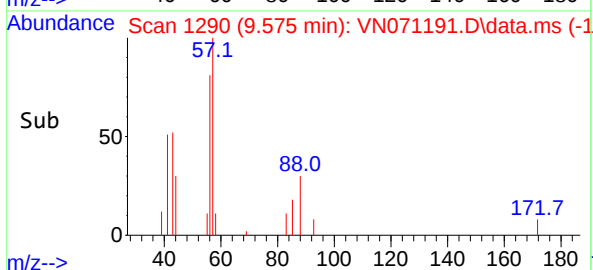
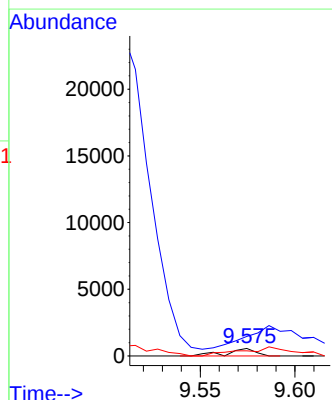
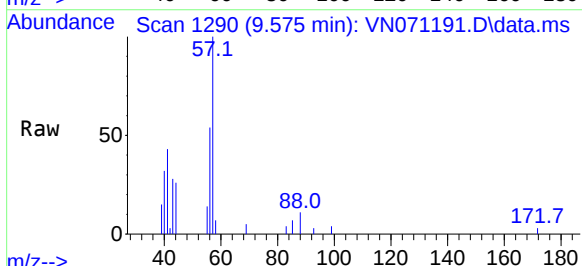
Tgt Ion: 88 Resp: 582

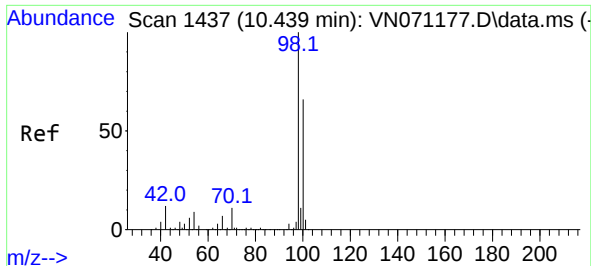
Ion Ratio Lower Upper

88 100

43 814.9 23.4 35.2#

58 223.0 50.6 75.8#

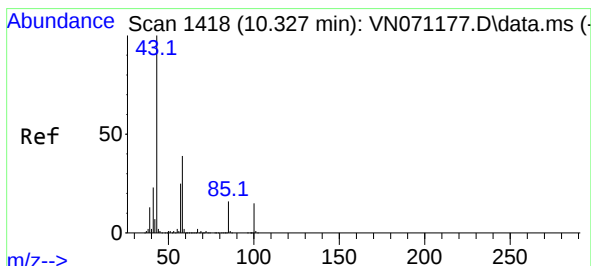
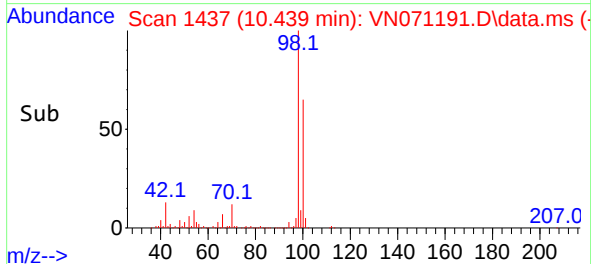
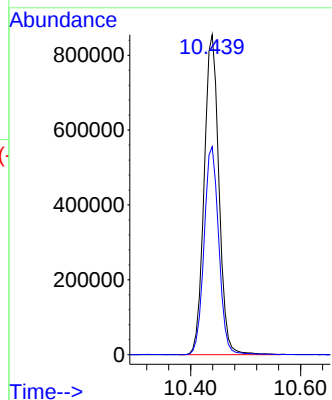
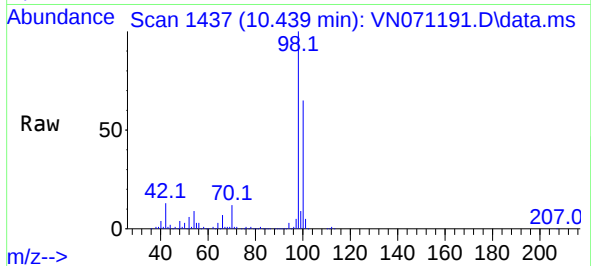




#50
Toluene-d8
Concen: 49.267 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

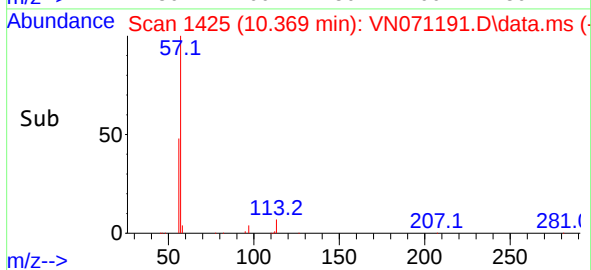
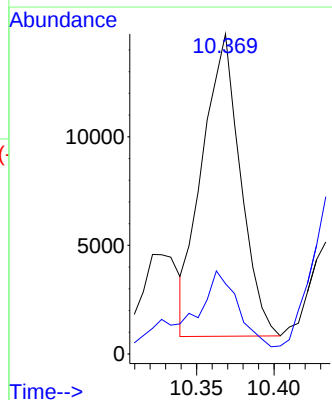
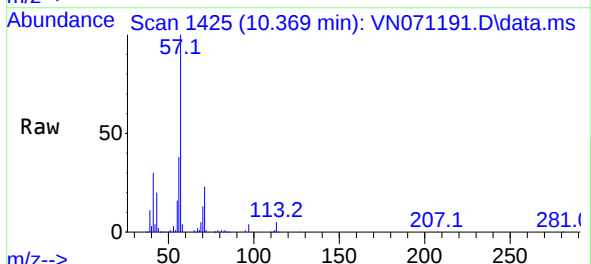
Instrument :
MSVOA_N
ClientSampleId :

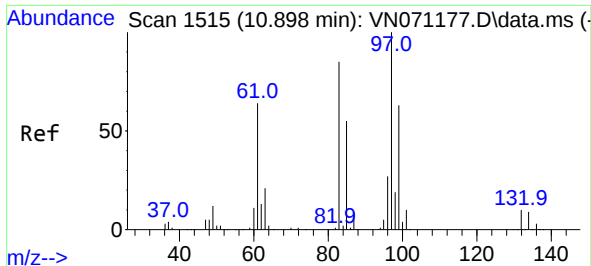
Tgt Ion: 98 Resp: 1594496
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.449 ug/l
RT: 10.369 min Scan# 1425
Delta R.T. 0.042 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

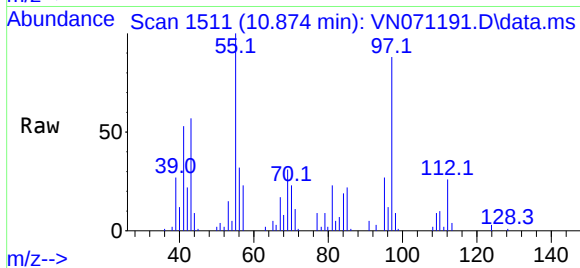
Tgt Ion: 43 Resp: 23828
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6



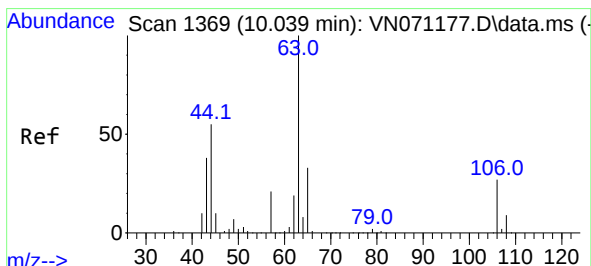
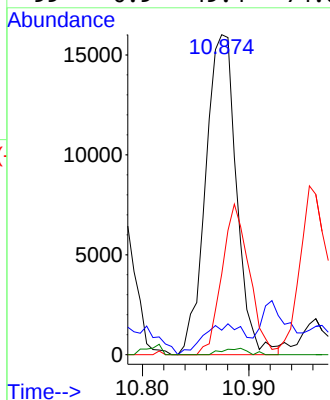
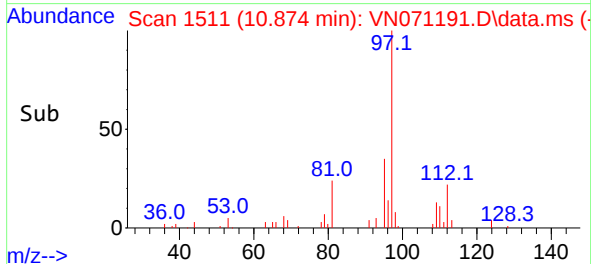


#55
1,1,2-Trichloroethane
Concen: 3.376 ug/l
RT: 10.874 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

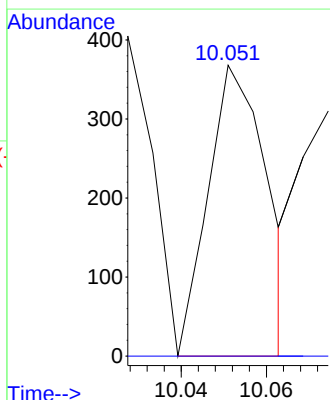
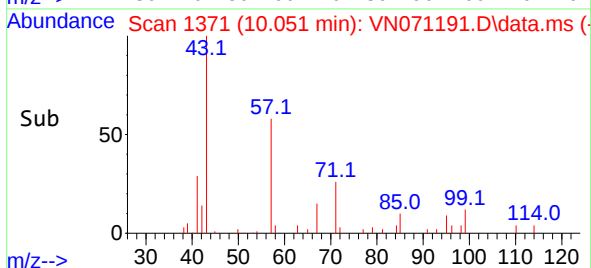
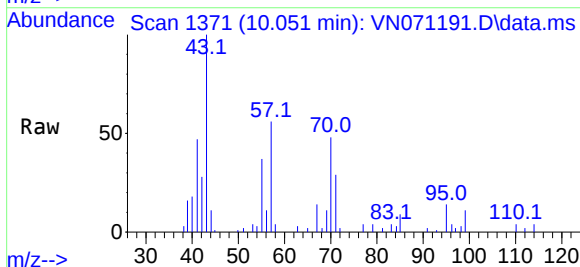


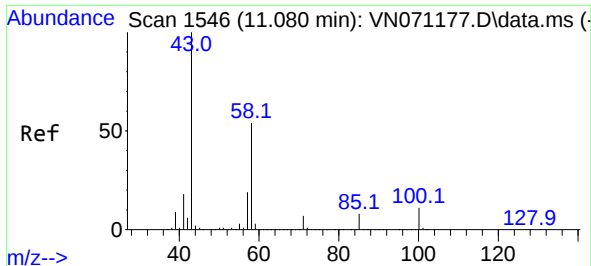
Tgt Ion: 97	Resp: 32326
Ion Ratio	Lower Upper
97 100	
83 7.6	67.8 101.6#
85 25.2	45.4 68.2#
99 0.9	49.4 74.0#



#58
2-Chloroethyl Vinyl ether
Concen: 27.961 ug/l
RT: 10.051 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 63	Resp: 355		
Ion Ratio	Lower	Upper	
63 100			
106 0.0	23.9	35.9#	

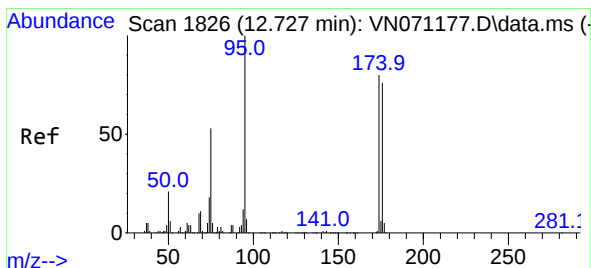
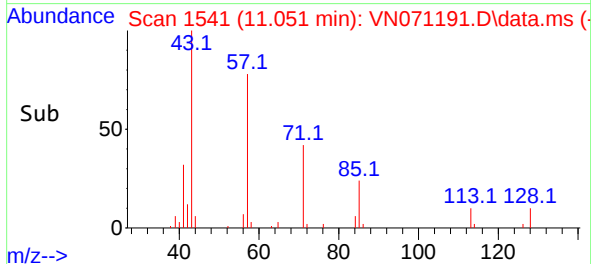
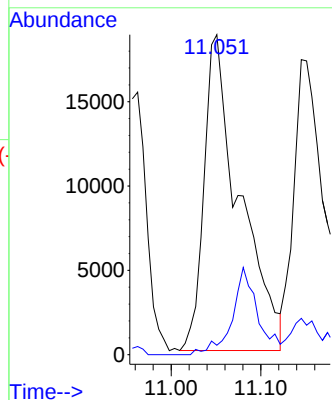
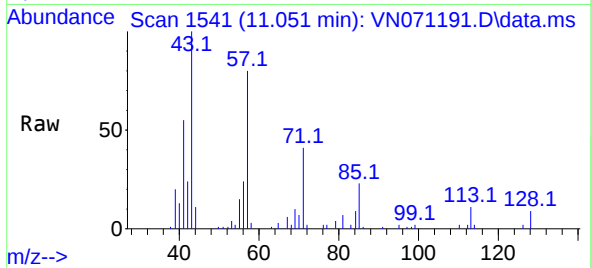




#59
2-Hexanone
Concen: 4.579 ug/l
RT: 11.051 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

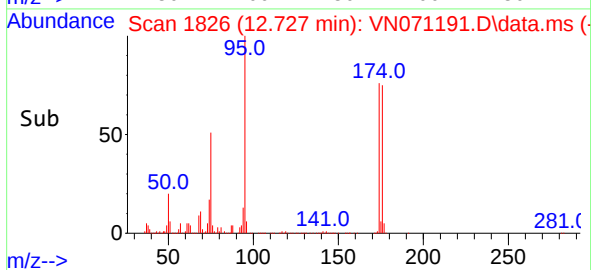
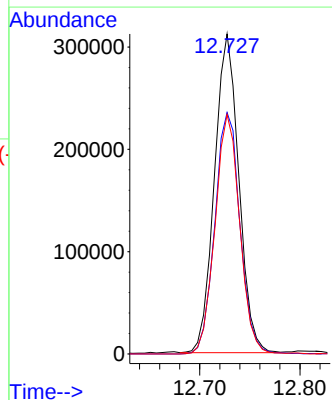
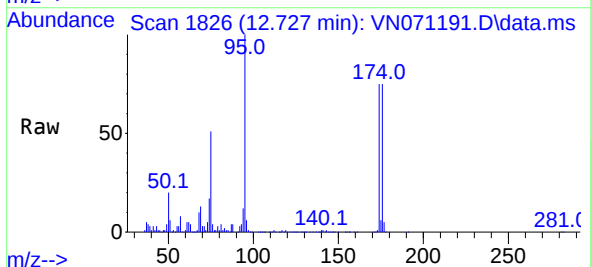
Instrument :
MSVOA_N
ClientSampleId :

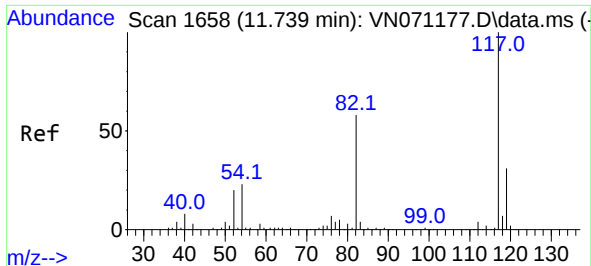
Tgt Ion: 43 Resp: 51392
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.911 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

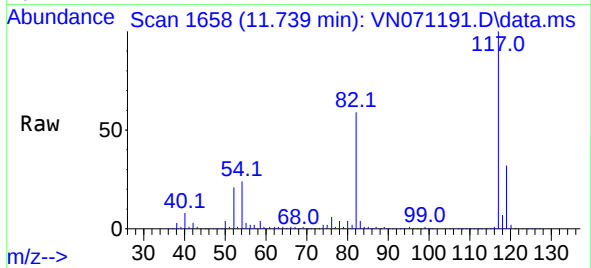
Tgt Ion: 95 Resp: 525068
Ion Ratio Lower Upper
95 100
174 78.4 0.0 187.2
176 76.0 0.0 181.4



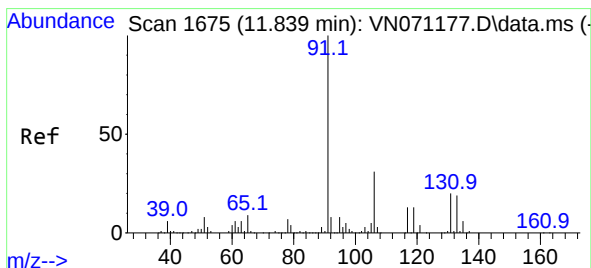
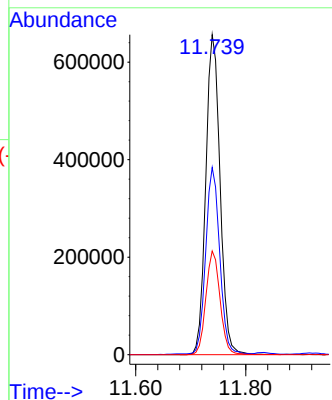
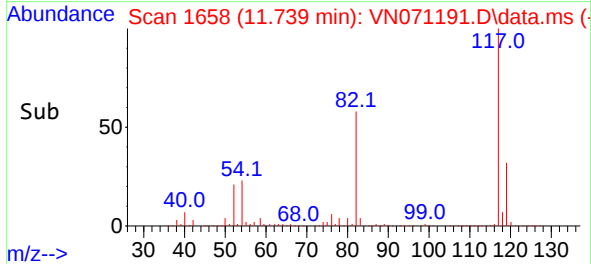


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

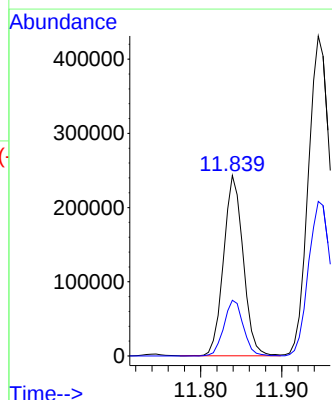
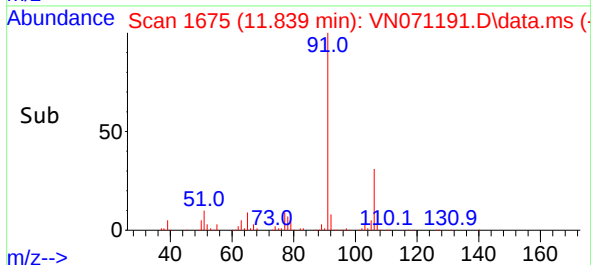
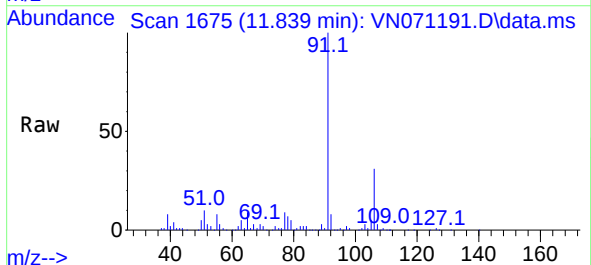


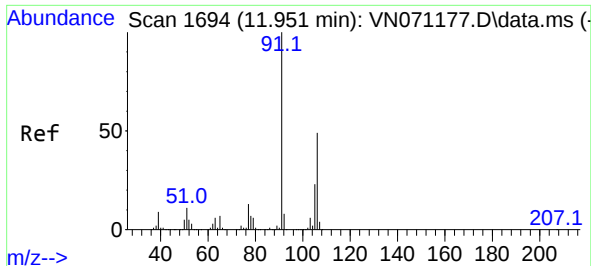
Tgt Ion:117 Resp: 1181243
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.4 25.4 38.2



#67
Ethyl Benzene
Concen: 9.107 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 91 Resp: 408460
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

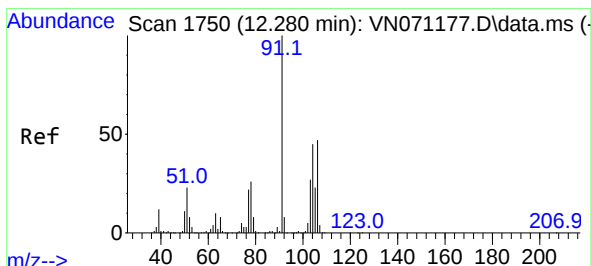
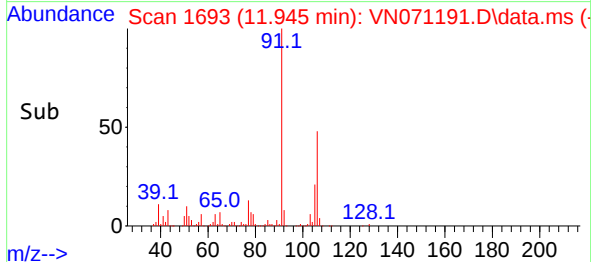
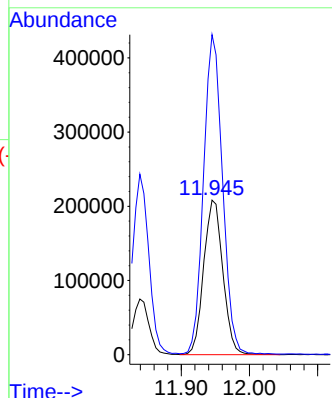
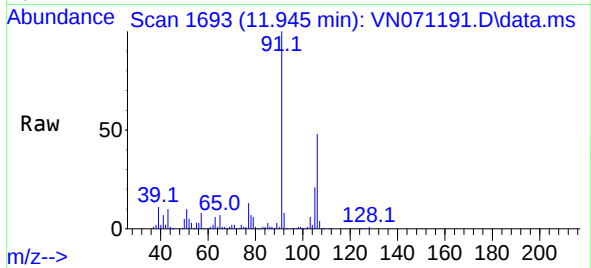




#68
m/p-Xylenes
Concen: 24.855 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

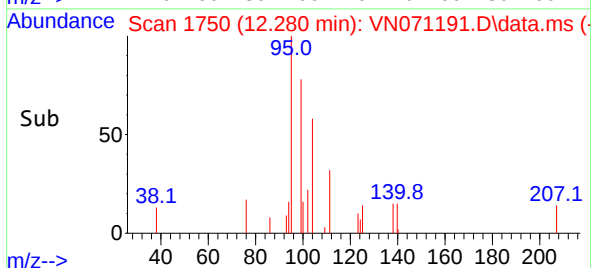
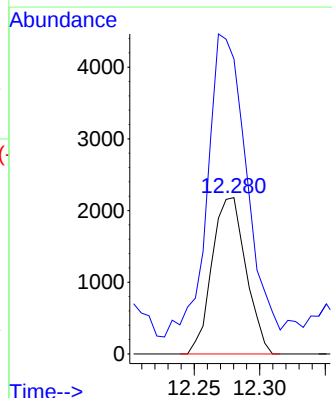
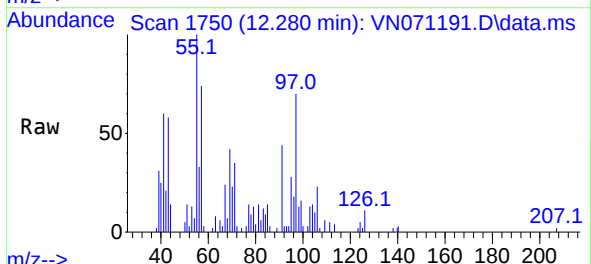
Instrument :
MSVOA_N
ClientSampleId :

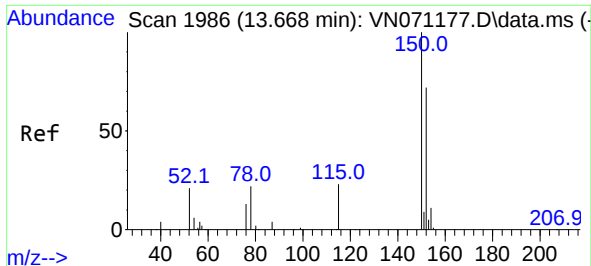
Tgt Ion:106 Resp: 407835
Ion Ratio Lower Upper
106 100
91 204.2 160.6 240.8



#69
o-Xylene
Concen: 0.239 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

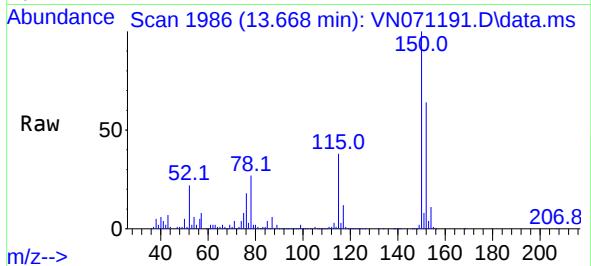
Tgt Ion:106 Resp: 3926
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3



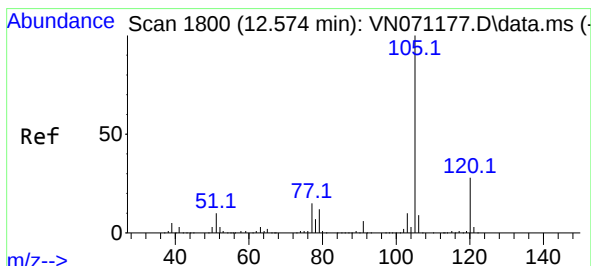
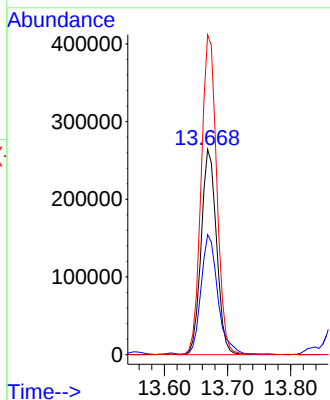
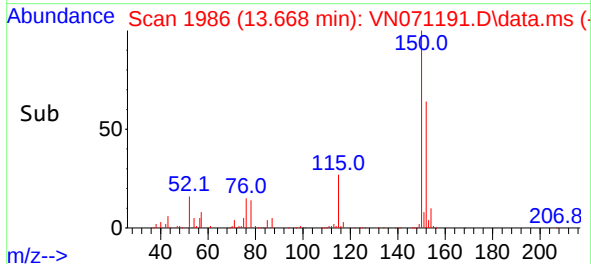


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

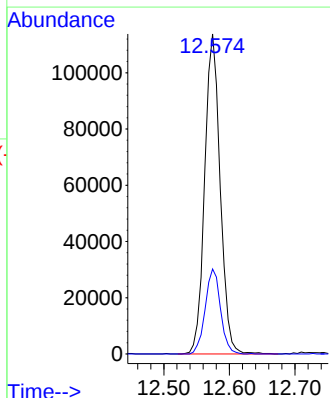
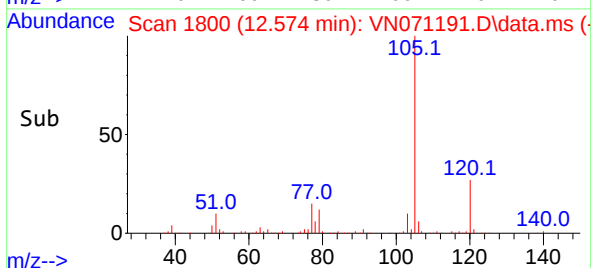
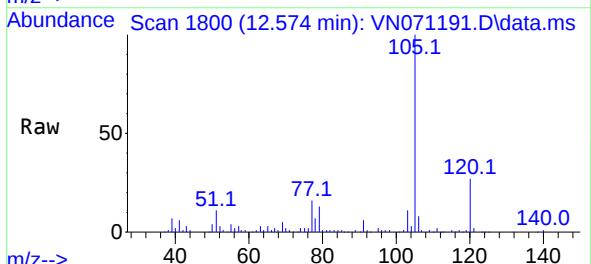


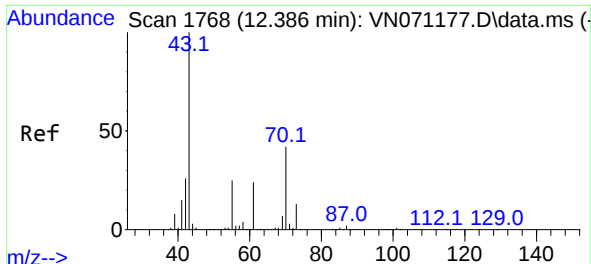
Tgt Ion:152 Resp: 448596
Ion Ratio Lower Upper
152 100
115 63.0 27.5 82.5
150 157.5 0.0 344.4



#73
Isopropylbenzene
Concen: 4.326 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

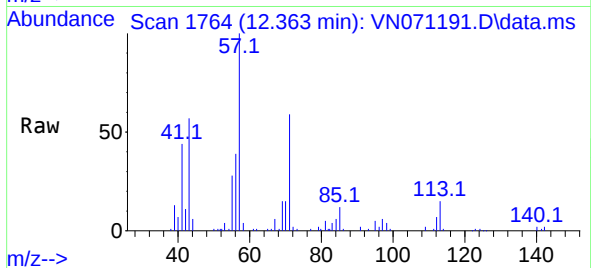
Tgt Ion:105 Resp: 187086
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



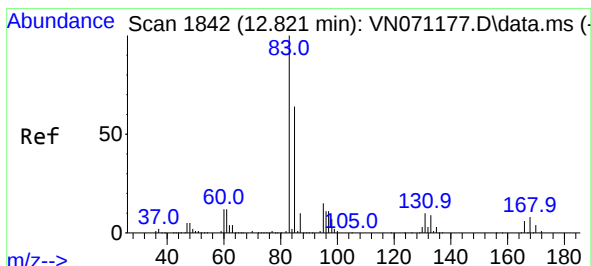
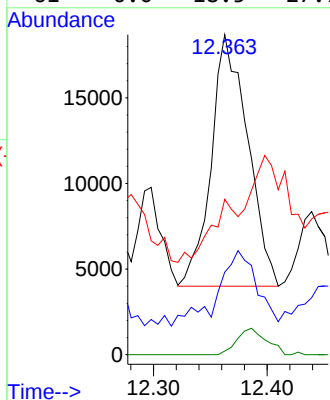
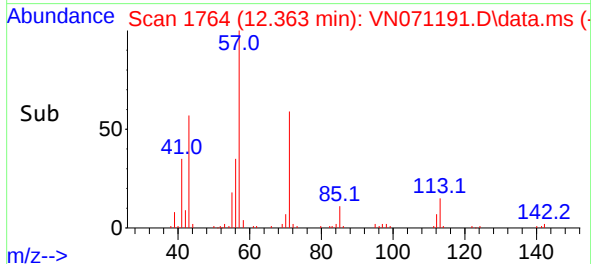


#74
N-amy1 acetate
Concen: 2.014 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.023 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

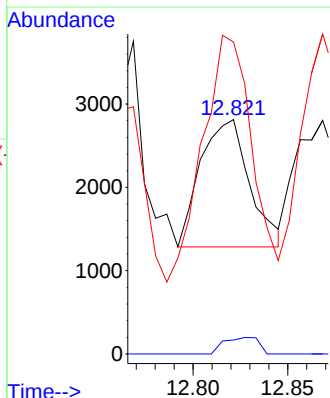
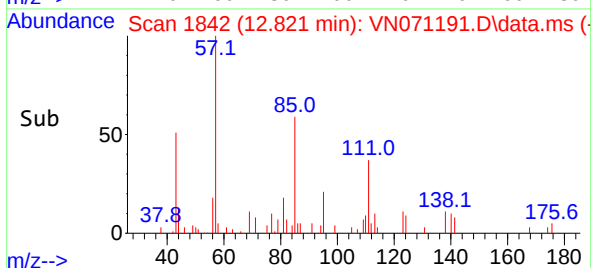
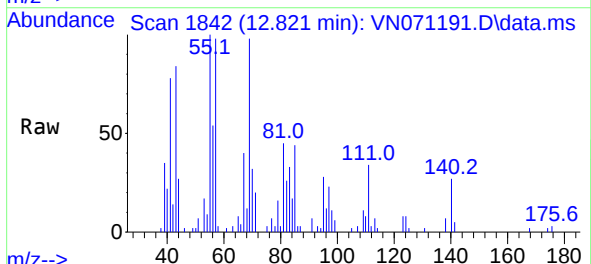


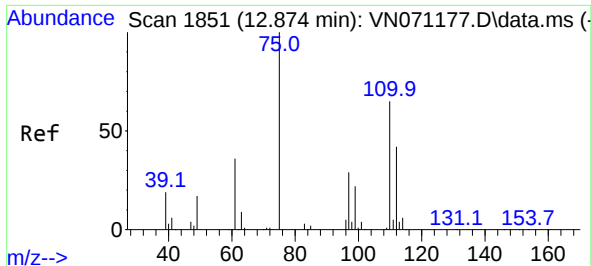
Tgt Ion: 43 Resp: 32753
Ion Ratio Lower Upper
43 100
70 24.4 33.4 50.0#
55 15.3 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 83 Resp: 2743
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.5
85 194.0 32.4 97.2#

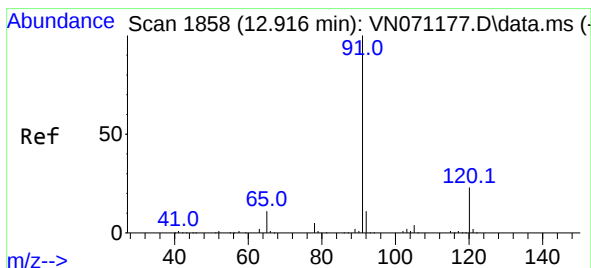
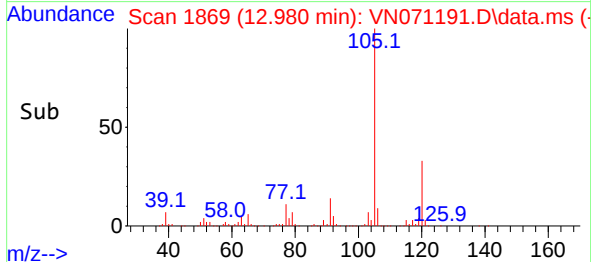
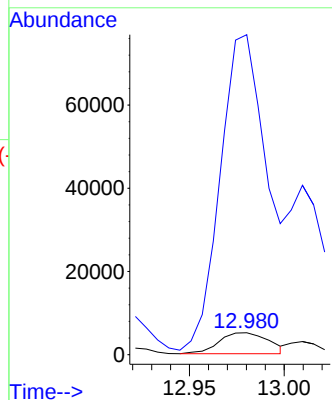
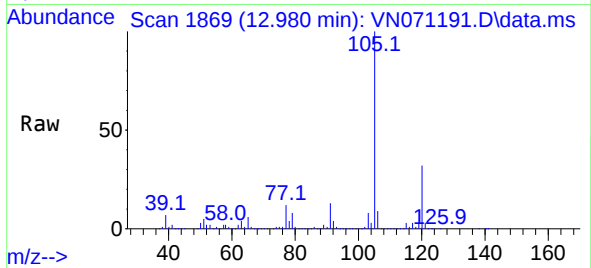




#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.980 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

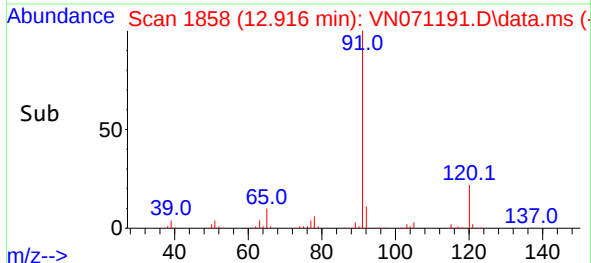
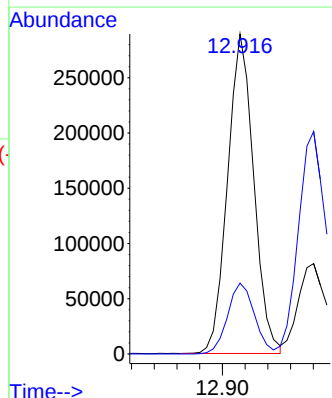
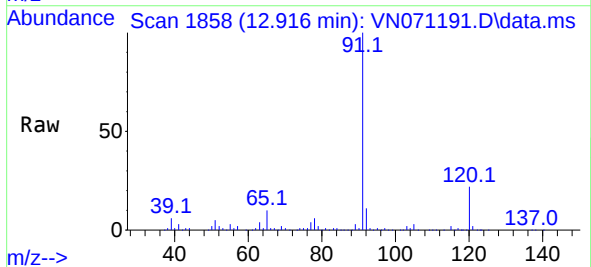
Instrument :
MSVOA_N
ClientSampleId :

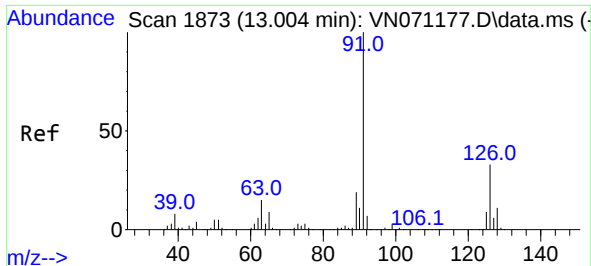
Tgt Ion: 75 Resp: 9259
Ion Ratio Lower Upper
75 100
77 1404.0 82.6 247.8#



#78
n-propylbenzene
Concen: 9.975 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 91 Resp: 462885
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9

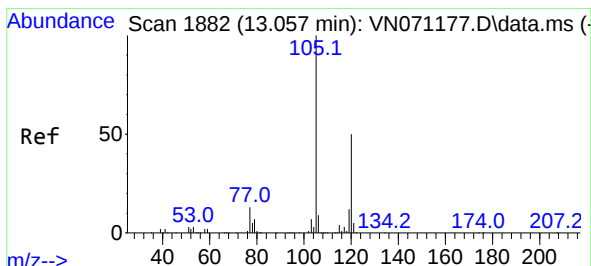
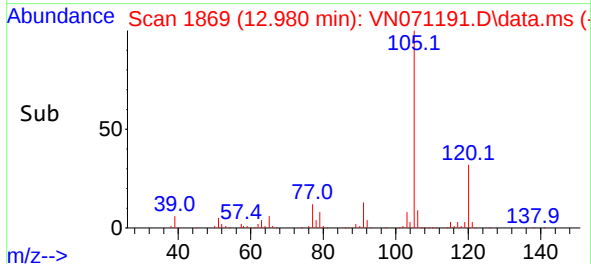
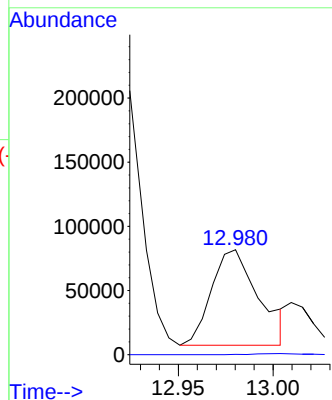
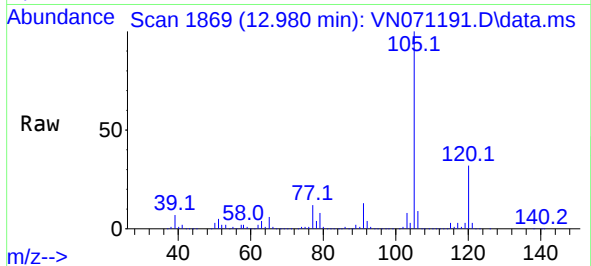




#79
2-Chlorotoluene
Concen: 4.331 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

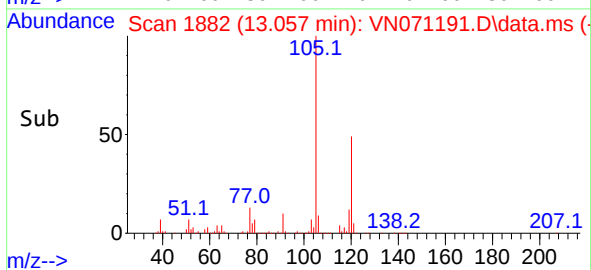
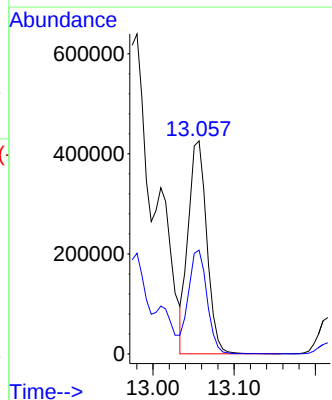
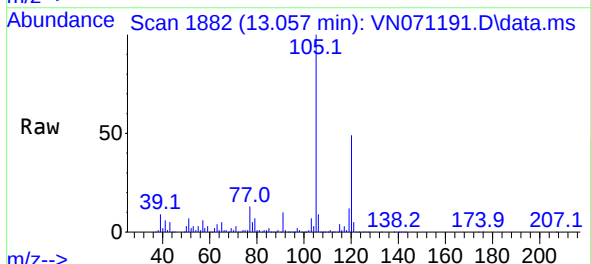
Instrument :
MSVOA_N
ClientSampleId :

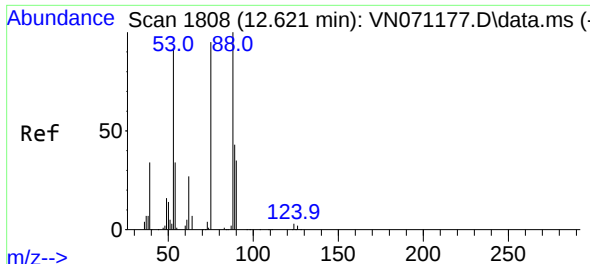
Tgt Ion: 91 Resp: 129015
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion:105 Resp: 676685
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.6

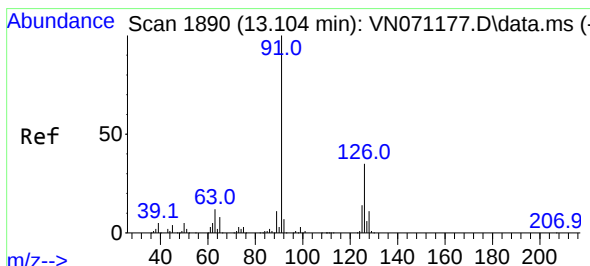
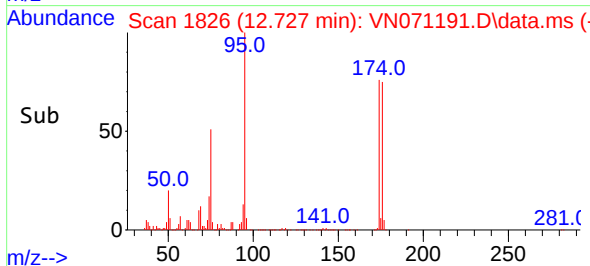
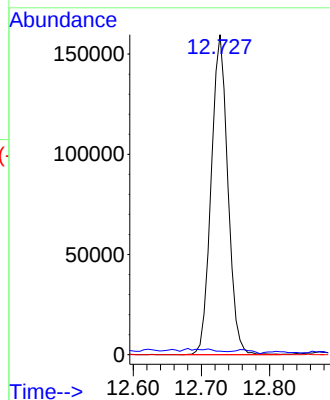
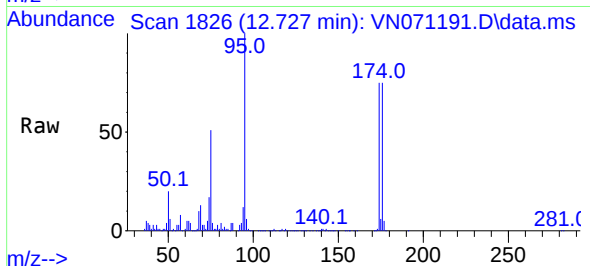




#81
trans-1,4-Dichloro-2-butene
Concen: 65.436 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

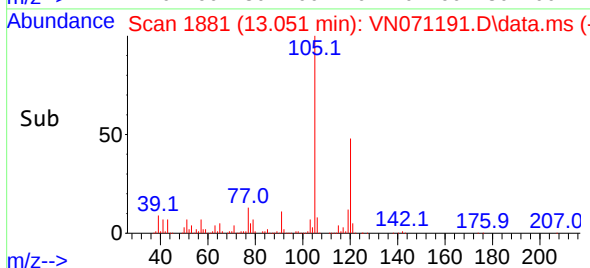
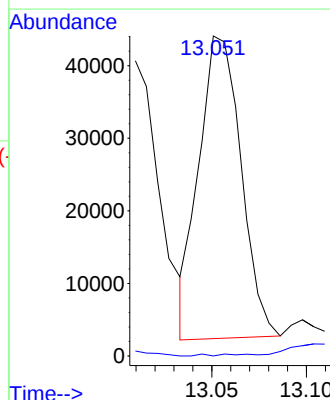
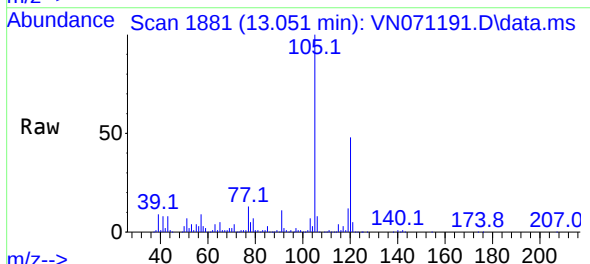
Instrument :
MSVOA_N
ClientSampleId :

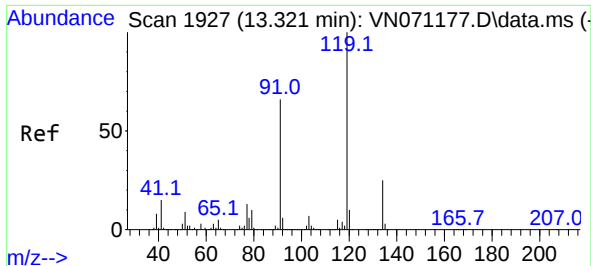
Tgt Ion: 75 Resp: 271549
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 2.426 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.053 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 91 Resp: 64364
Ion Ratio Lower Upper
91 100
126 0.4 18.2 54.6#

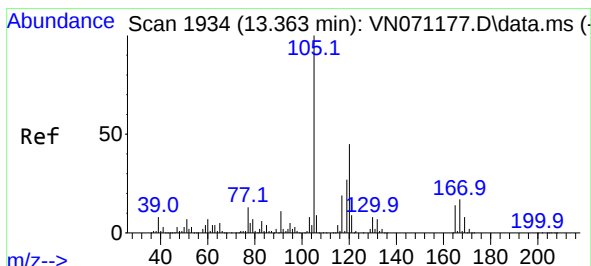
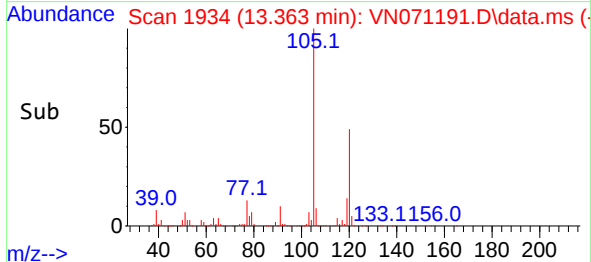
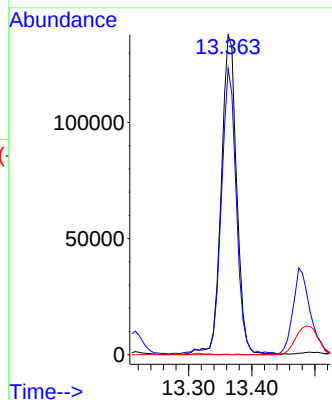
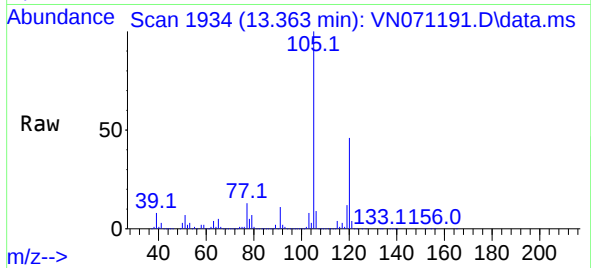




#83
tert-Butylbenzene
Concen: 7.770 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.041 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

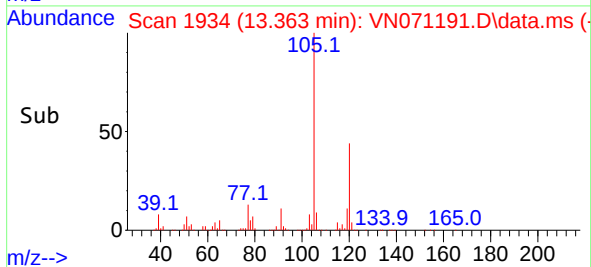
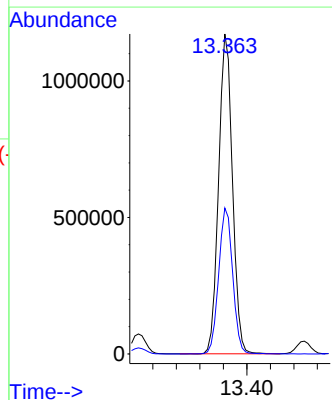
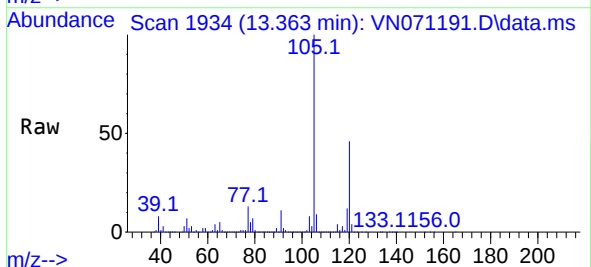
Instrument :
MSVOA_N
ClientSampleId :

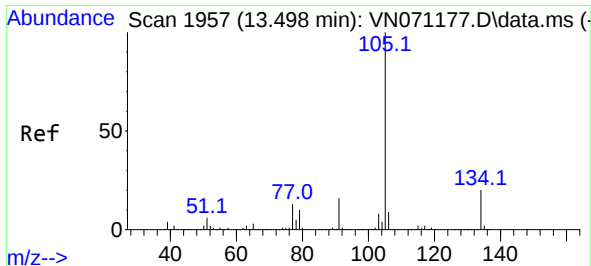
Tgt Ion:119 Resp: 233286
Ion Ratio Lower Upper
119 100
91 87.0 31.5 94.5
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 59.357 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion:105 Resp: 1912811
Ion Ratio Lower Upper
105 100
120 46.3 22.8 68.4

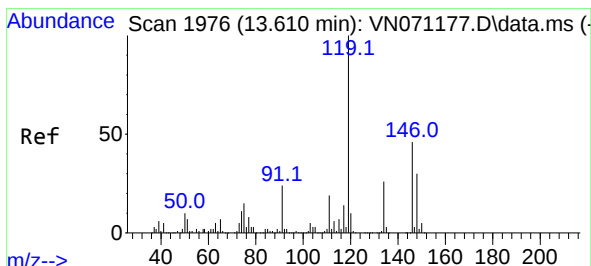
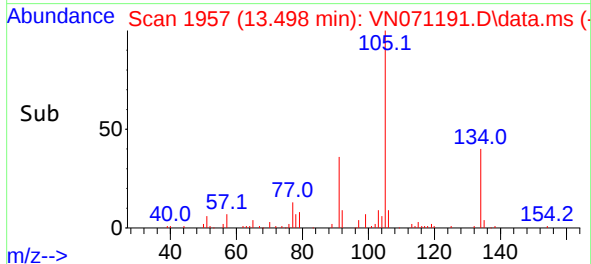
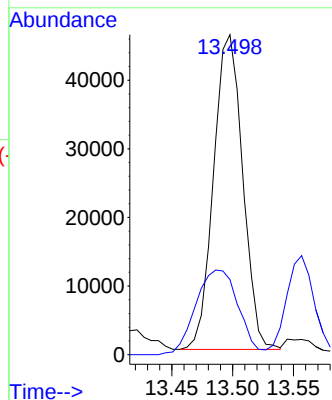
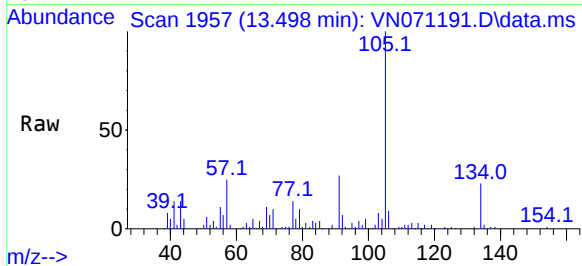




#85
 sec-Butylbenzene
 Concen: 1.915 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071191.D
 Acq: 08 Mar 2022 15:41

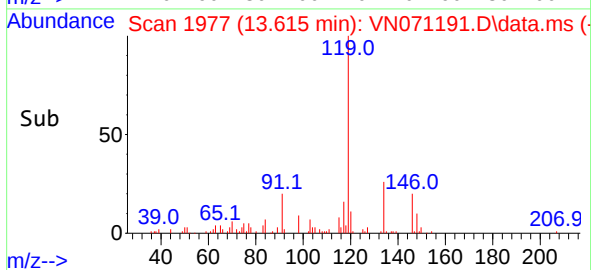
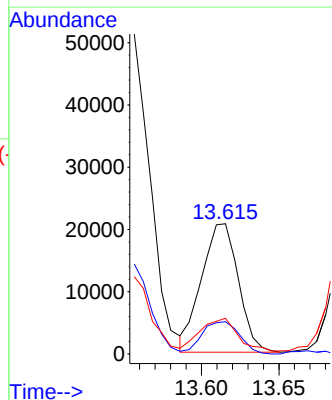
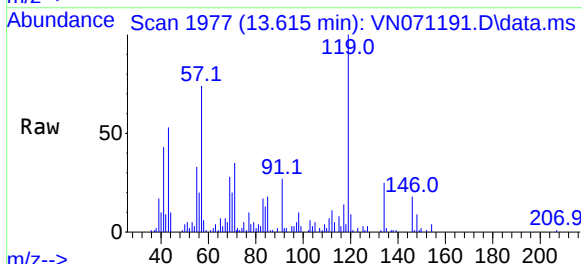
Instrument :
 MSVOA_N
 ClientSampleId :

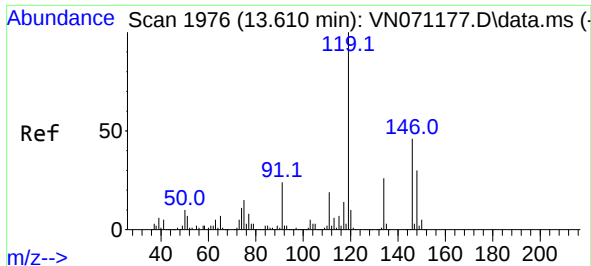
Tgt Ion:105 Resp: 76429
 Ion Ratio Lower Upper
 105 100
 134 39.3 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.089 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VN071191.D
 Acq: 08 Mar 2022 15:41

Tgt Ion:119 Resp: 34192
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.365 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN071191.D

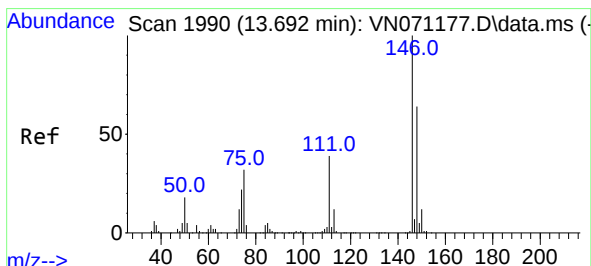
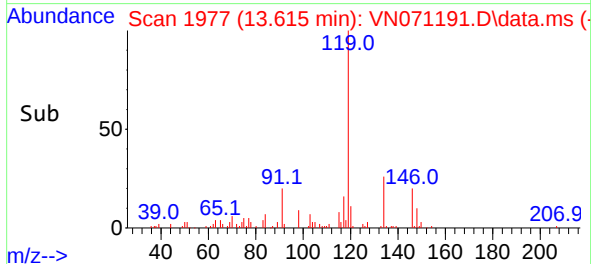
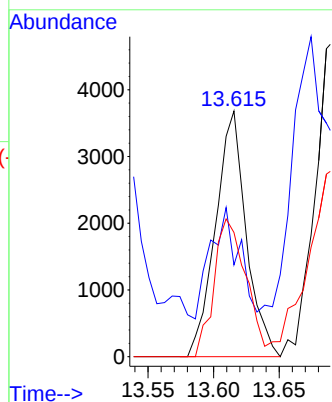
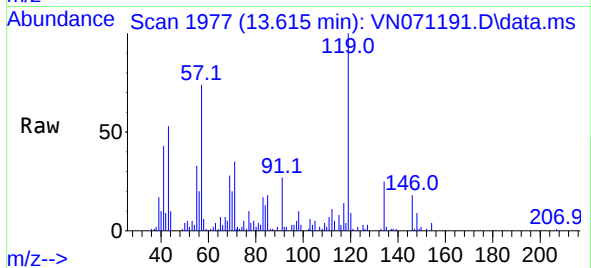
Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	5986
Ion Ratio	Lower	Upper
146	100	
111	46.3	18.6 55.6
148	58.2	31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.374 ug/l

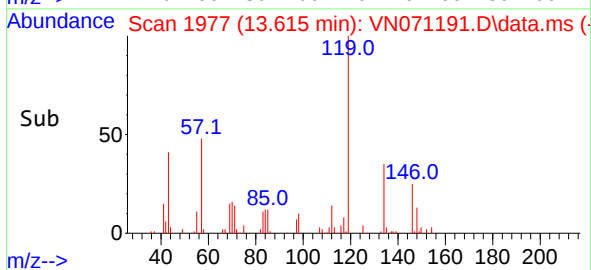
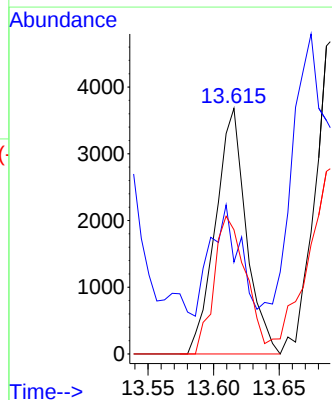
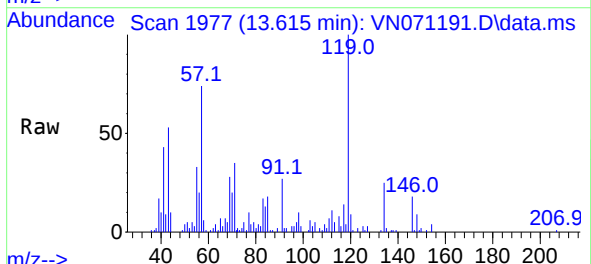
RT: 13.615 min Scan# 1977

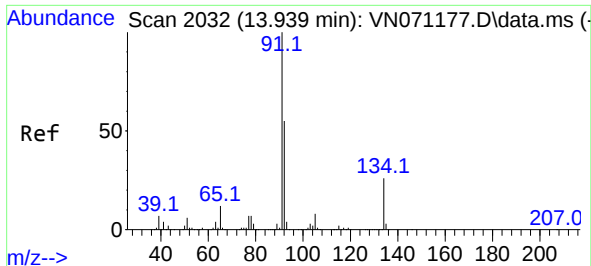
Delta R.T. -0.077 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

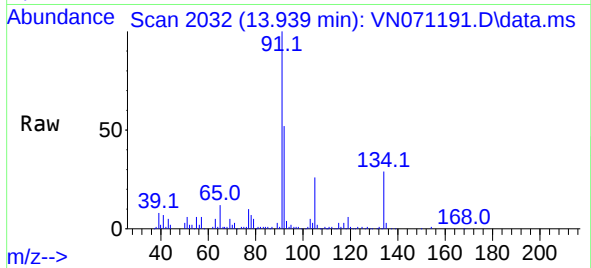
Tgt Ion:146	Resp:	5986
Ion Ratio	Lower	Upper
146	100	
111	46.3	18.3 54.8
148	58.2	31.8 95.4



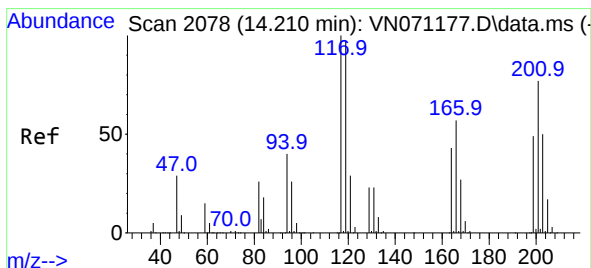
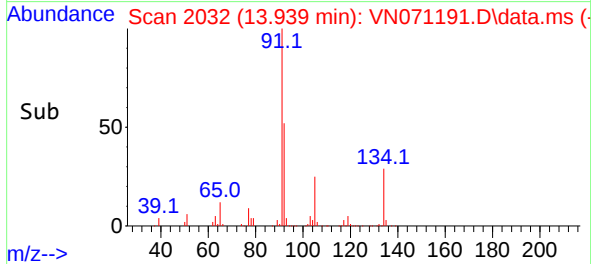
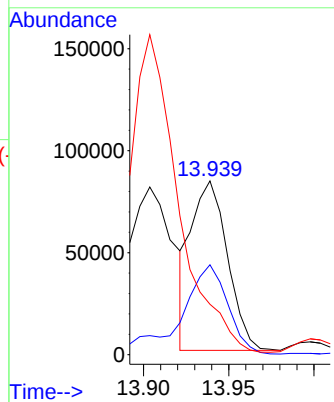


#89
n-Butylbenzene
Concen: 4.978 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

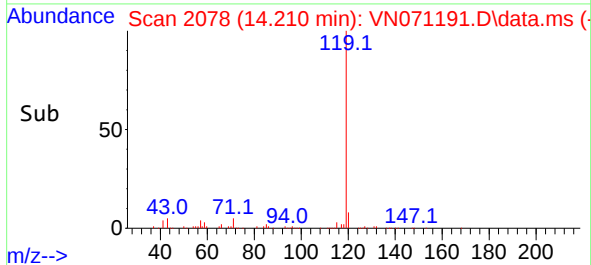
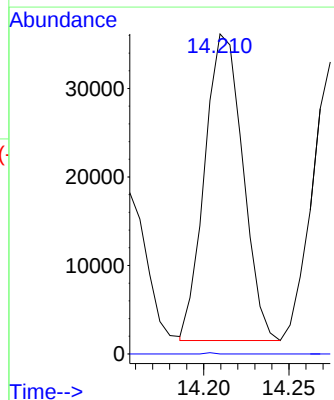
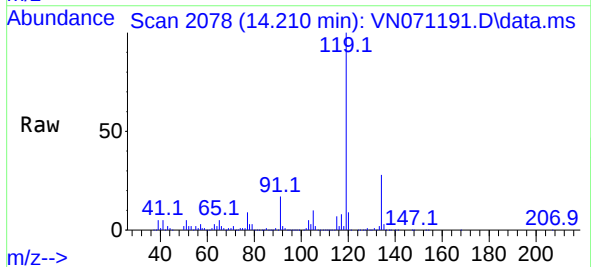


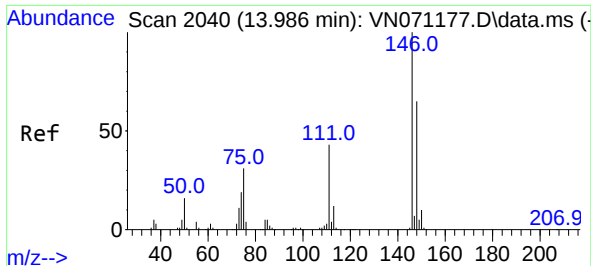
Tgt Ion: 91 Resp: 122187
Ion Ratio Lower Upper
91 100
92 66.7 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 8.628 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 117 Resp: 53848
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.370 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071191.D

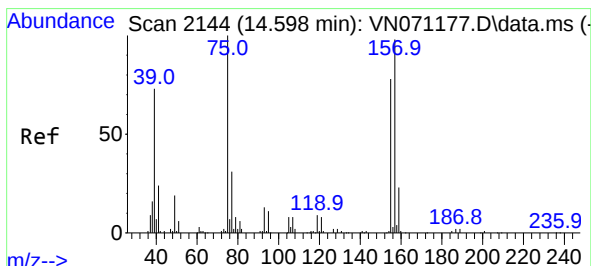
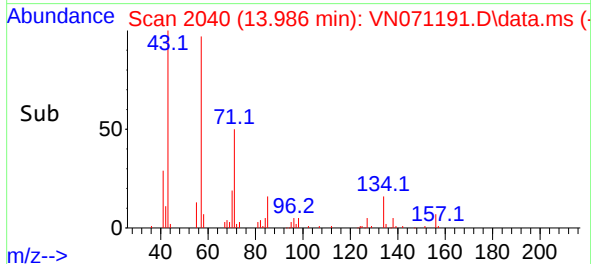
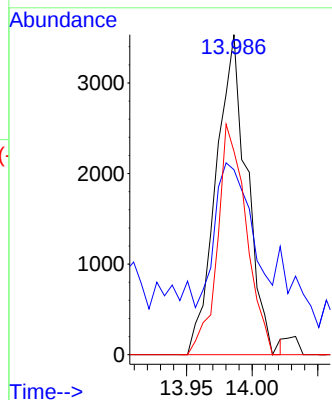
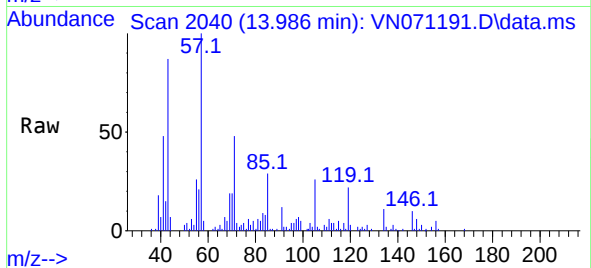
Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	5826
Ion	Ratio	Lower	Upper
146	100		
111	52.2	19.1	57.3
148	66.7	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.928 ug/l

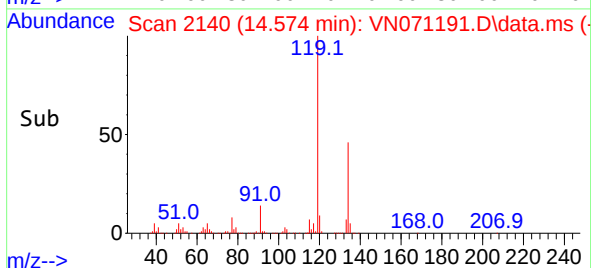
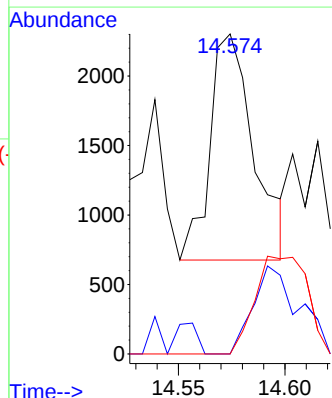
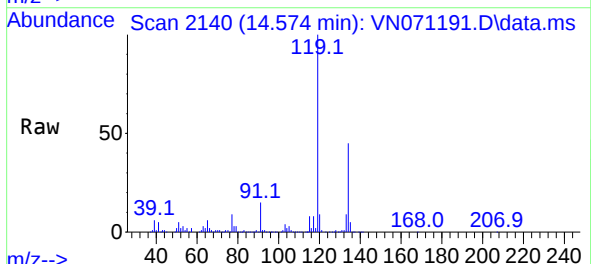
RT: 14.574 min Scan# 2140

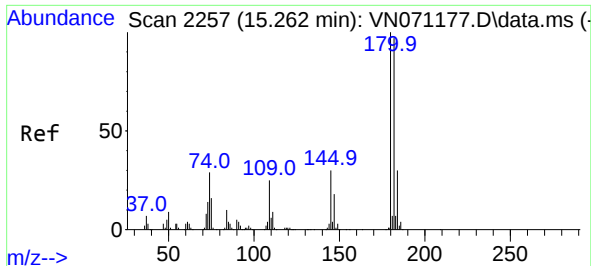
Delta R.T. -0.024 min

Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Tgt Ion:	75	Resp:	2336
Ion	Ratio	Lower	Upper
75	100		
155	40.1	46.9	140.7#
157	51.0	60.6	181.7#





#93

1,2,4-Trichlorobenzene

Concen: 4.602 ug/l

RT: 15.257 min Scan# 2256

Delta R.T. -0.005 min

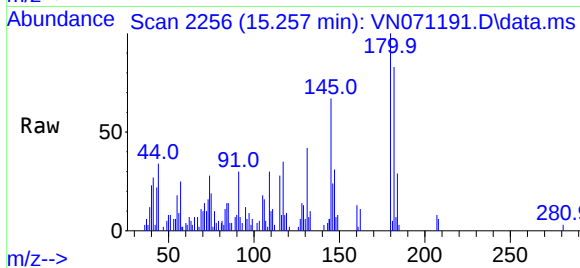
Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Instrument :

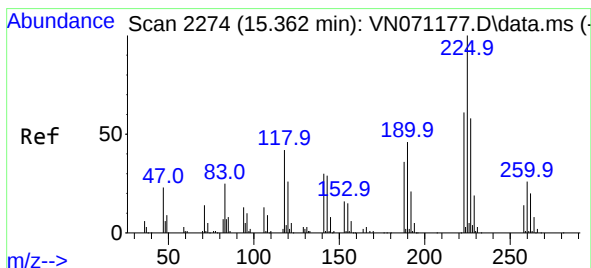
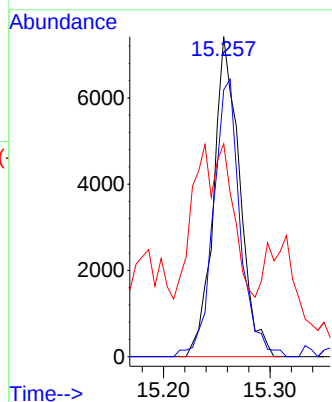
MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 12611

Ion	Ratio	Lower	Upper
180	100		
182	88.9	48.3	144.9
145	0.0	14.5	43.5#



#94

Hexachlorobutadiene

Concen: 0.318 ug/l

RT: 15.362 min Scan# 2274

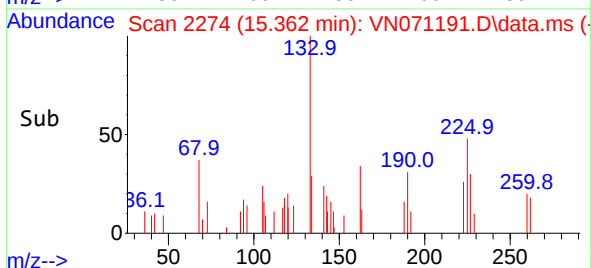
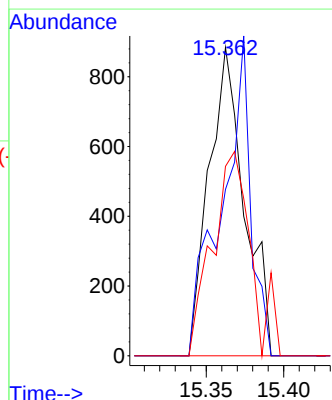
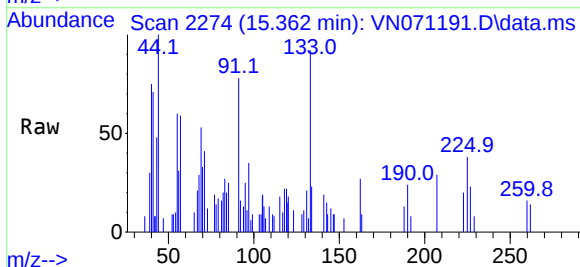
Delta R.T. 0.000 min

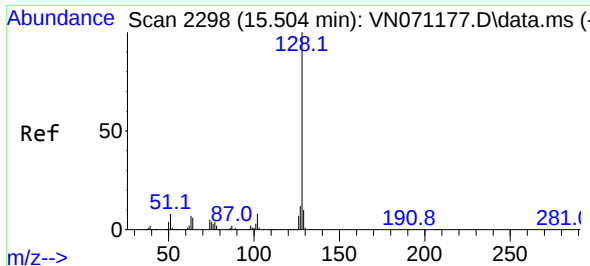
Lab File: VN071191.D

Acq: 08 Mar 2022 15:41

Tgt Ion:225 Resp: 1405

Ion	Ratio	Lower	Upper
225	100		
223	84.1	31.9	95.7
227	72.2	32.1	96.3

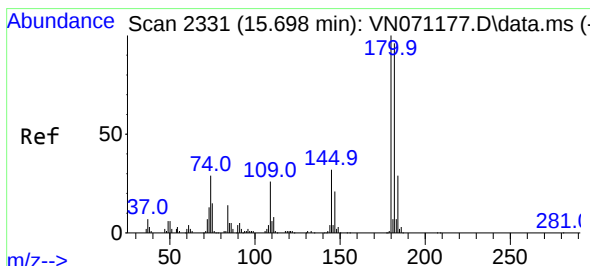
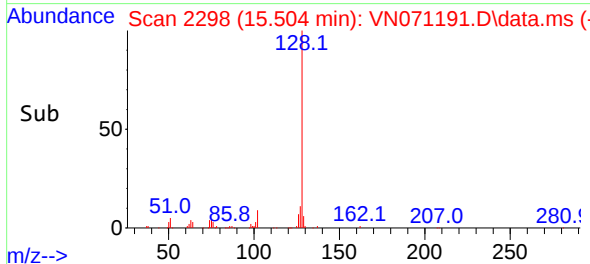
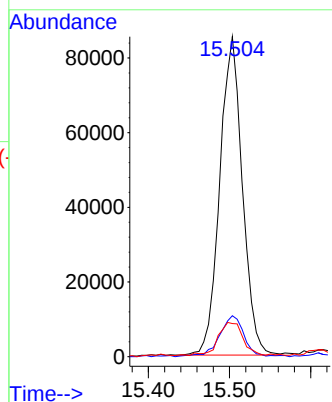
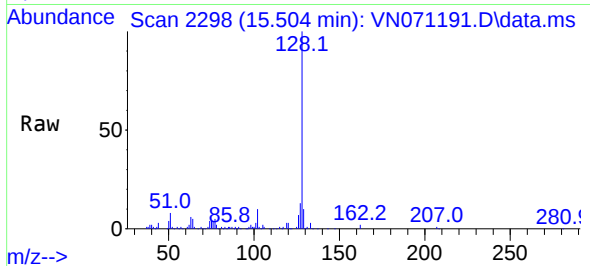




#95
Naphthalene
Concen: 12.297 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 165444
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.624 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071191.D
Acq: 08 Mar 2022 15:41

Tgt Ion:180 Resp: 14098
Ion Ratio Lower Upper
180 100
182 89.7 47.4 142.2
145 70.0 15.0 45.1#

