

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071635.D
 Acq On : 29 Mar 2022 16:30
 Operator : JC\MD
 Sample : N2157-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP2

Quant Time: Mar 30 06:05:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	765691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1298985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1311771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	475830	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	436794	47.577	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.016	113	363712	45.591	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.180%
50) Toluene-d8	10.439	98	1622237	49.297	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.727	95	551057	51.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.660%

Target Compounds				Qvalue		
5) Bromomethane	2.863	94	851	0.148	ug/l #	77
10) Methyl Iodide	4.416	142	99	0.009	ug/l #	44
11) Tert butyl alcohol	5.340	59	307	0.189	ug/l #	72
13) Acrolein	4.034	56	221	0.163	ug/l #	16
16) Acetone	4.293	43	45068	11.908	ug/l	98
17) Carbon Disulfide	4.540	76	1277	0.075	ug/l #	75
20) Methylene Chloride	5.098	84	611073	73.047	ug/l	99
22) Diisopropyl ether	6.622	45	57	0.002	ug/l #	55
23) Vinyl Acetate	6.434	43	131	0.007	ug/l #	68
27) cis-1,2-Dichloroethene	7.087	96	55	0.006	ug/l #	1
30) Chloroform	8.069	83	53	0.004	ug/l #	18
32) 1,1,1-Trichloroethane	8.081	97	68	0.005	ug/l #	1
37) Ethyl Acetate	7.404	43	1165	0.093	ug/l #	67
39) Methylcyclohexane	9.528	83	68	0.005	ug/l #	1
40) Benzene	8.451	78	1122	0.032	ug/l	95
41) Methacrylonitrile	7.675	41	61	0.010	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1140	0.094	ug/l #	74
43) Isopropyl Acetate	8.557	43	118879	5.985	ug/l #	75
47) Bromodichloromethane	9.528	83	68	0.006	ug/l #	26
52) Toluene	10.504	92	530	0.023	ug/l	85
53) t-1,3-Dichloropropene	10.722	75	132	0.010	ug/l #	14
56) Ethyl methacrylate	10.863	69	646	0.047	ug/l #	1
60) Dibromochloromethane	11.486	129	782	0.086	ug/l #	11
64) Tetrachloroethene	10.969	164	66	0.007	ug/l #	1
65) Chlorobenzene	11.774	112	428	0.016	ug/l #	58
67) Ethyl Benzene	11.845	91	838	0.018	ug/l #	44
68) m/p-Xylenes	11.951	106	710	0.040	ug/l	96
69) o-Xylene	12.274	106	62	0.003	ug/l #	1
70) Styrene	12.280	104	682	0.025	ug/l #	72
73) Isopropylbenzene	12.580	105	443	0.011	ug/l #	48
74) N-amyl acetate	12.351	43	1973	0.156	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.739	83	219	0.016	ug/l #	1
77) Bromobenzene	12.863	156	75	0.007	ug/l #	1
78) n-propylbenzene	12.916	91	1058	0.024	ug/l #	62
79) 2-Chlorotoluene	13.110	91	1014	0.036	ug/l	71
80) 1,3,5-Trimethylbenzene	13.057	105	1884	0.057	ug/l	89

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

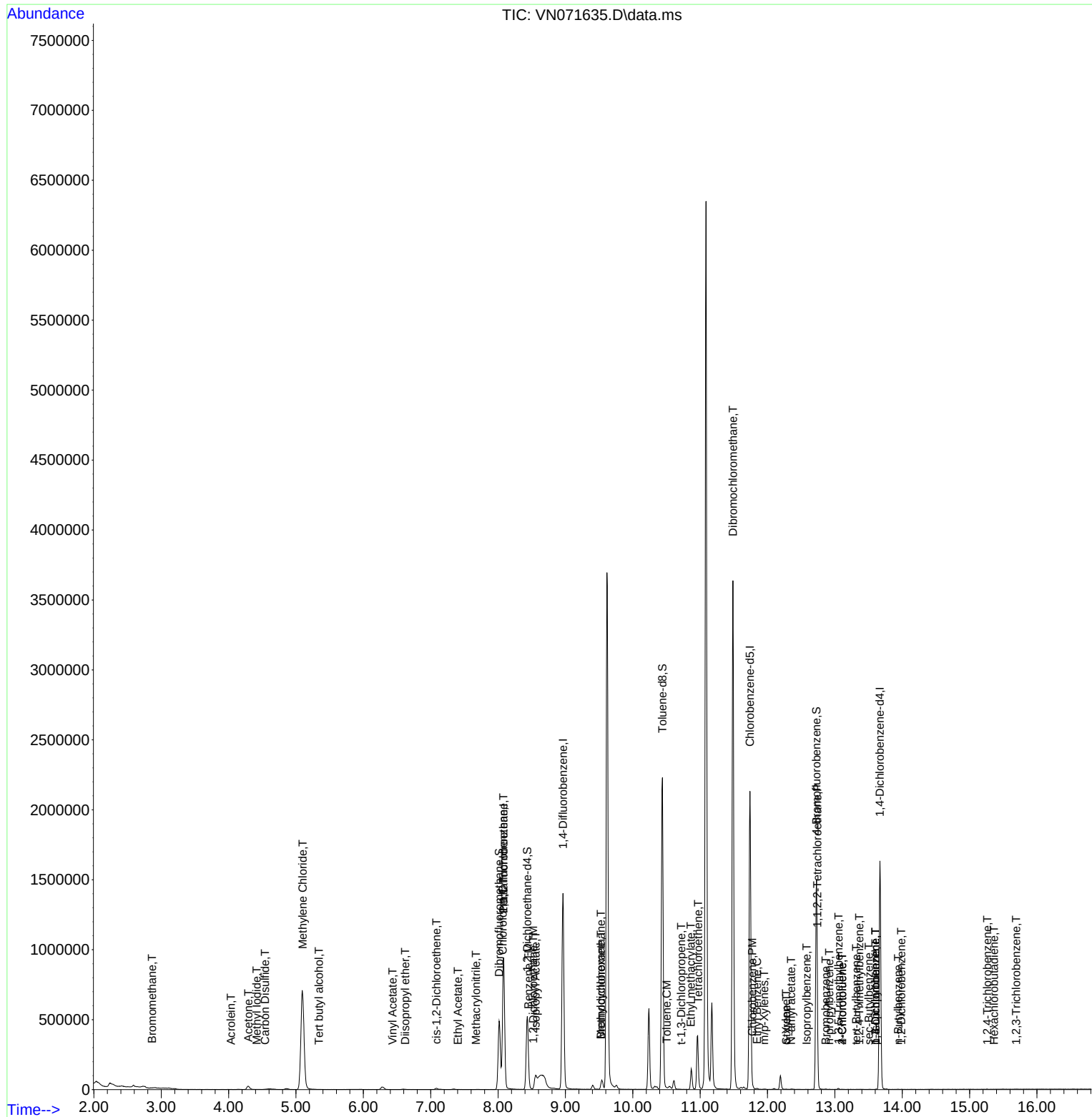
82) 4-Chlorotoluene	13.110	91	1014	0.039	ug/l	71
83) tert-Butylbenzene	13.316	119	118	0.004	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.363	105	950	0.030	ug/l #	63
85) sec-Butylbenzene	13.504	105	449	0.011	ug/l #	56
86) p-Isopropyltoluene	13.604	119	534	0.017	ug/l #	76
87) 1,3-Dichlorobenzene	13.604	146	508	0.030	ug/l	89
88) 1,4-Dichlorobenzene	13.604	146	508	0.030	ug/l	89
89) n-Butylbenzene	13.939	91	1074	0.045	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	398	0.024	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.262	180	468	0.064	ug/l #	80
94) Hexachlorobutadiene	15.362	225	61	0.013	ug/l #	18
96) 1,2,3-Trichlorobenzene	15.692	180	266	0.036	ug/l #	81

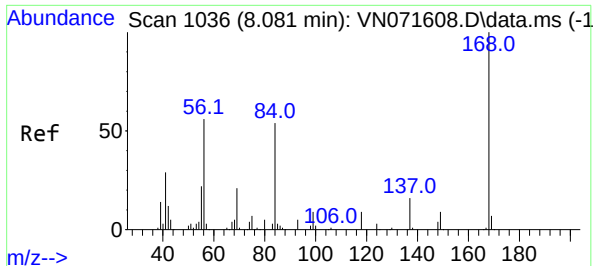
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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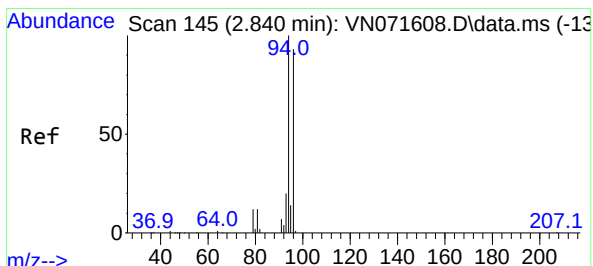
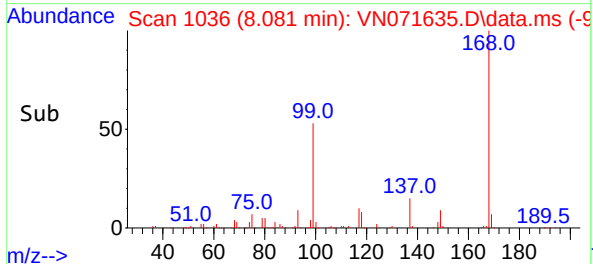
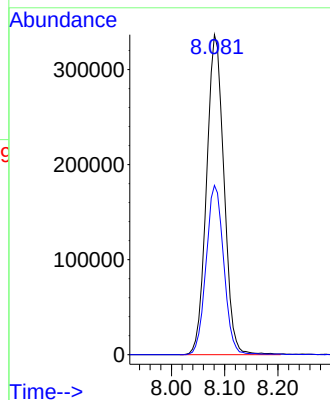
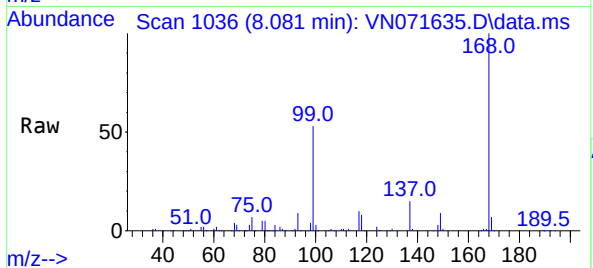




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

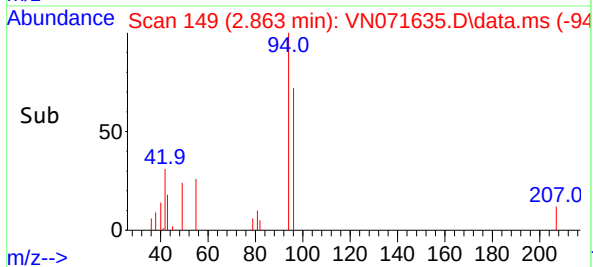
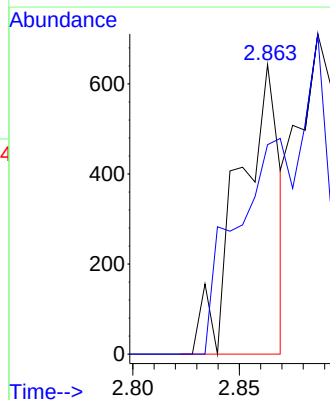
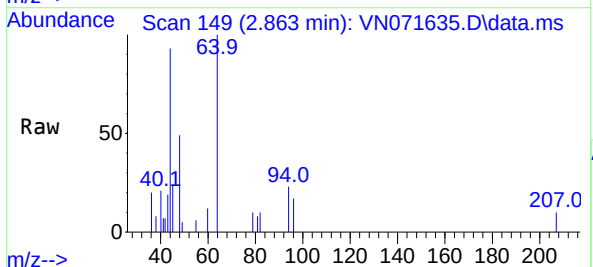
Instrument :
MSVOA_N
ClientSampleId :
TP2

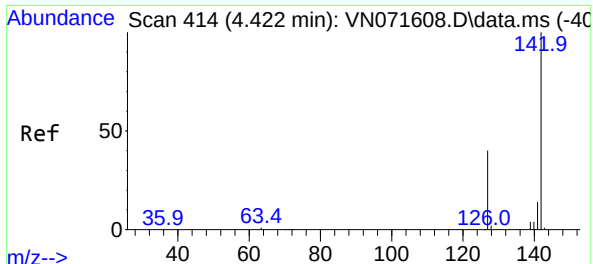
Tgt Ion:168 Resp: 765691
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5



#5
Bromomethane
Concen: 0.148 ug/l
RT: 2.863 min Scan# 149
Delta R.T. 0.023 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 94 Resp: 851
Ion Ratio Lower Upper
94 100
96 72.3 76.0 114.0#

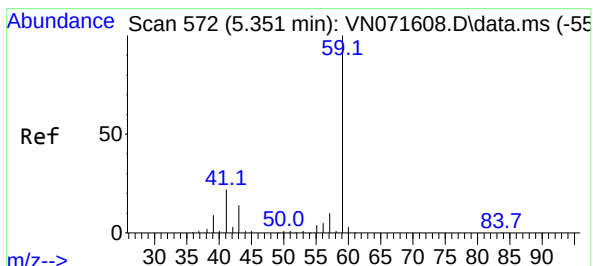
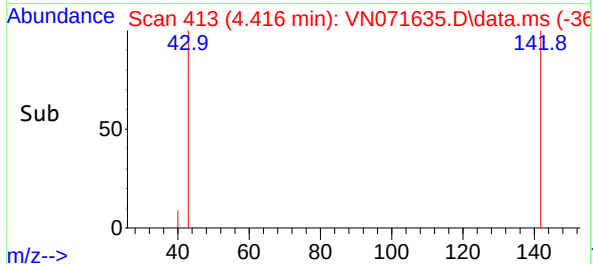
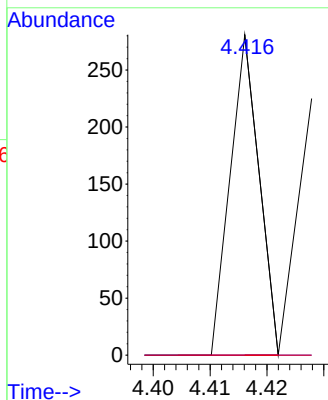
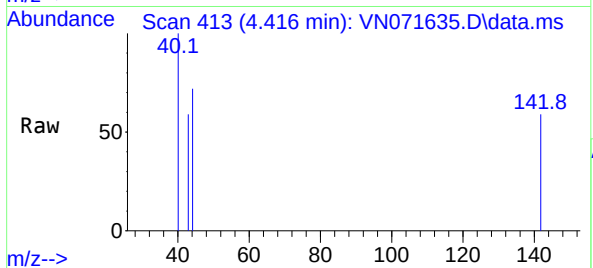




#10
Methyl Iodide
Concen: 0.009 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

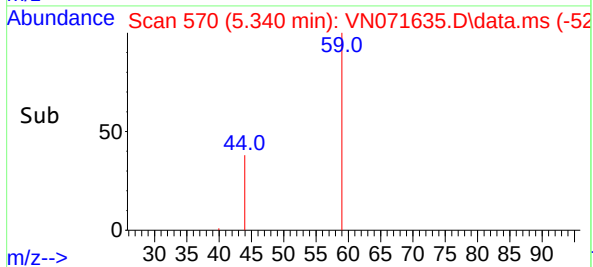
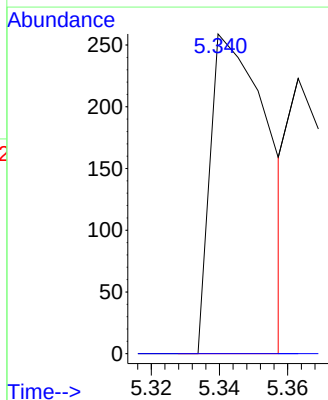
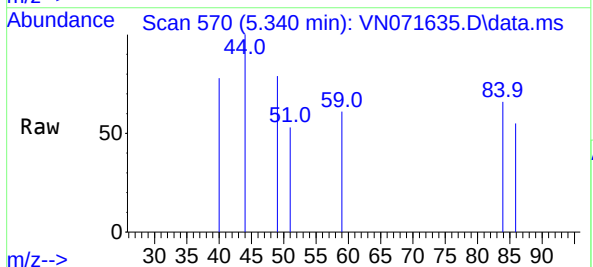
Instrument :
MSVOA_N
ClientSampleId :
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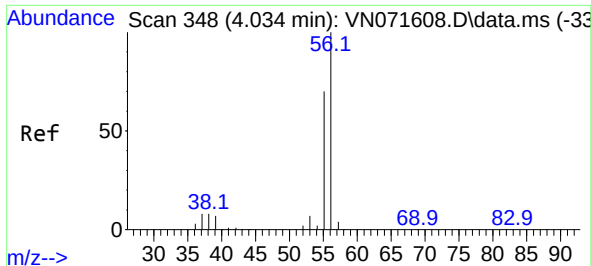
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.189 ug/l
RT: 5.340 min Scan# 570
Delta R.T. -0.012 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

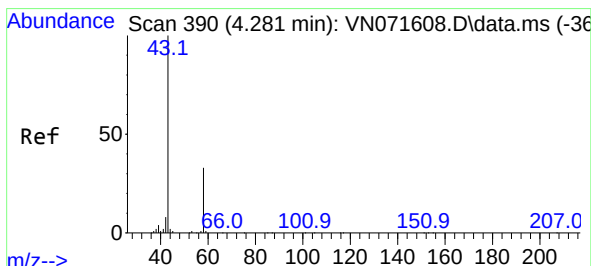
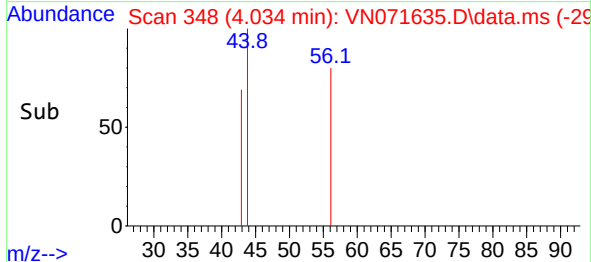
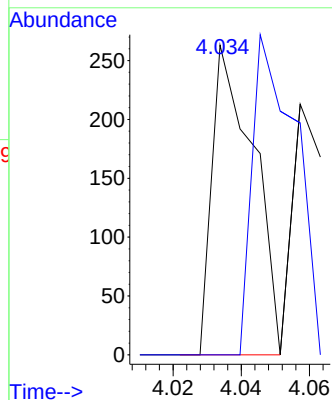
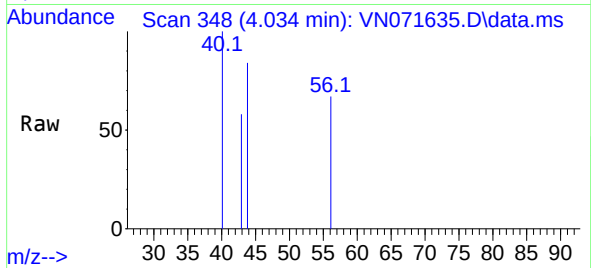




#13
Acrolein
Concen: 0.163 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

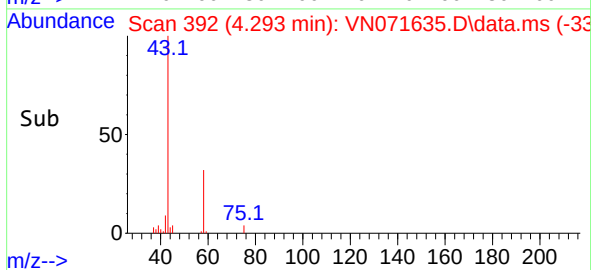
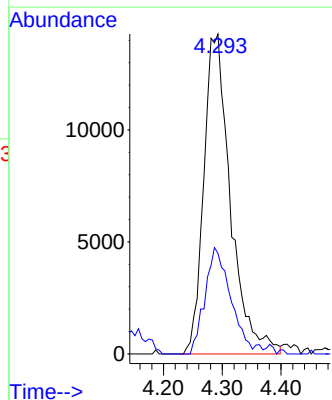
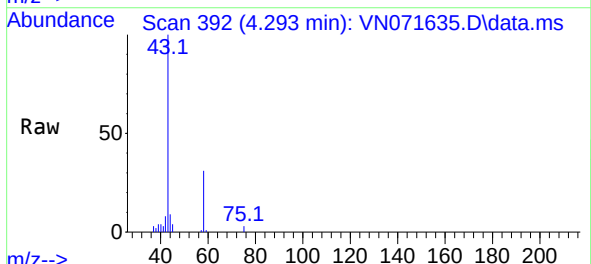
Instrument :
MSVOA_N
ClientSampleId :
TP2

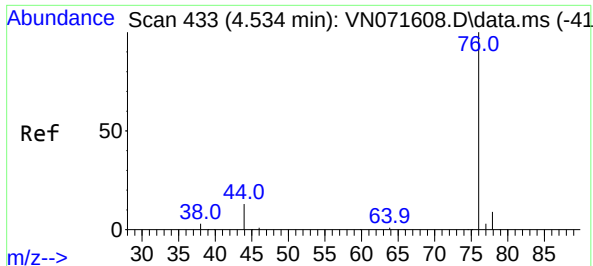
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 11.908 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 43 Resp: 45068
Ion Ratio Lower Upper
43 100
58 31.5 26.0 39.0

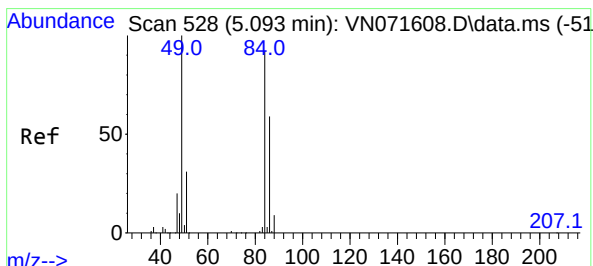
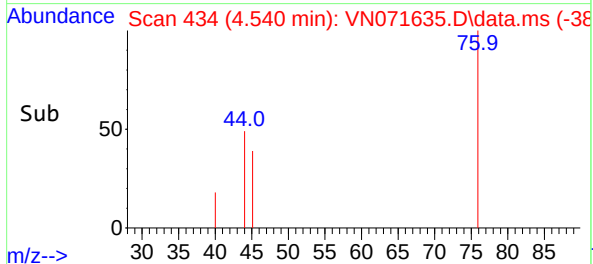
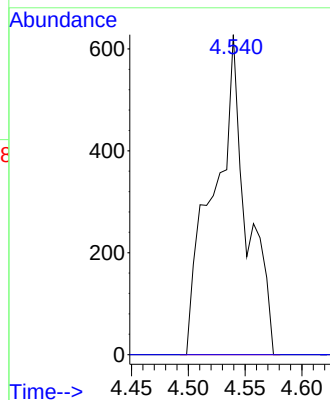
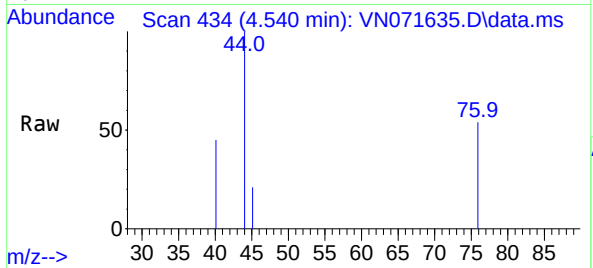




#17
Carbon Disulfide
Concen: 0.075 ug/l
RT: 4.540 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

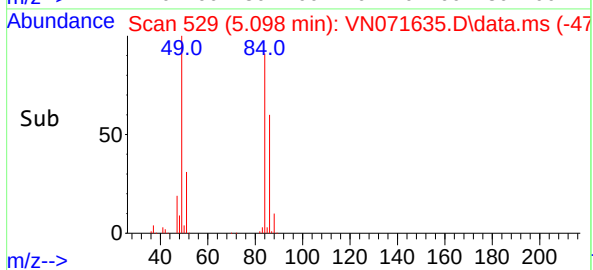
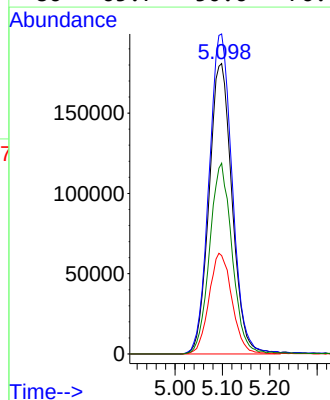
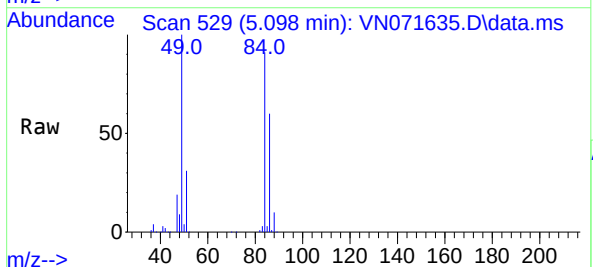
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ClientSampleId :
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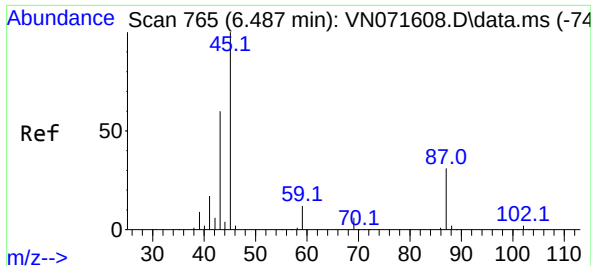
Tgt Ion: 76 Resp: 1277
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 73.047 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 84 Resp: 611073
Ion Ratio Lower Upper
84 100
49 110.2 88.3 132.5
51 33.9 28.2 42.2
86 65.7 50.6 76.0

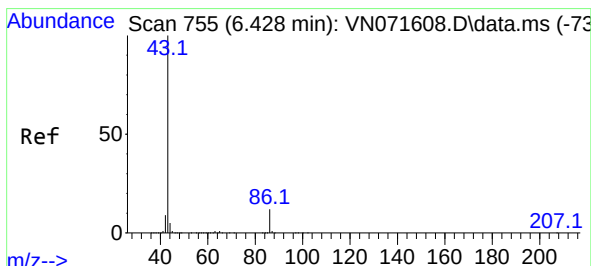
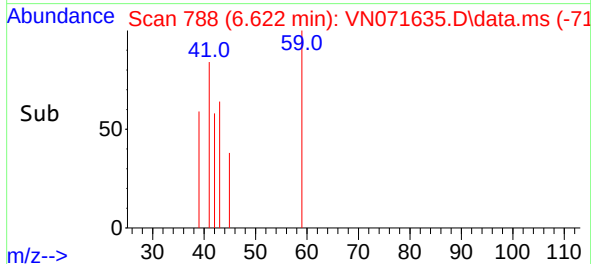
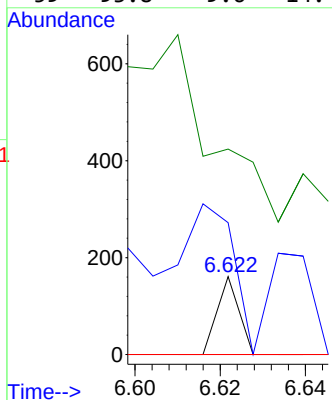
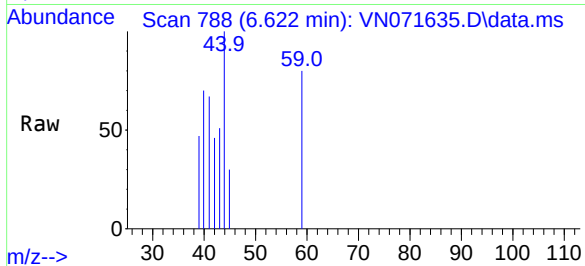




#22
Diisopropyl ether
Concen: 0.002 ug/l
RT: 6.622 min Scan# 71
Delta R.T. 0.135 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

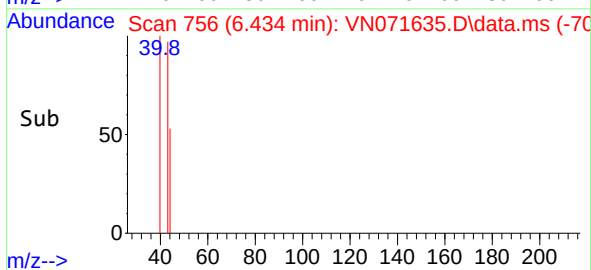
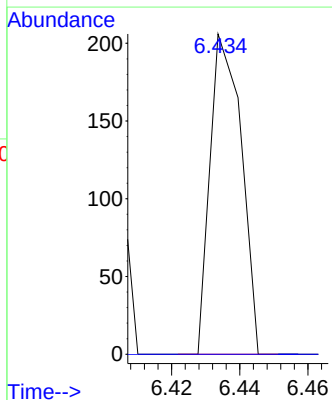
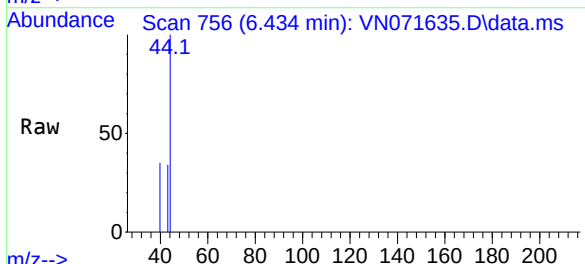
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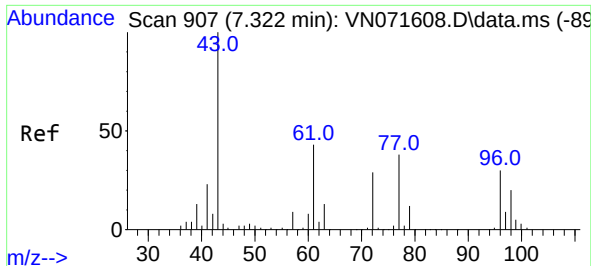
Tgt Ion: 45	Resp: 57
Ion Ratio	Lower Upper
45 100	
43 54.0	46.6 70.0
87 0.0	24.3 36.5#
59 93.8	9.6 14.4#



#23
Vinyl Acetate
Concen: 0.007 ug/l
RT: 6.434 min Scan# 756
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 43	Resp: 131		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	10.0	15.0#	

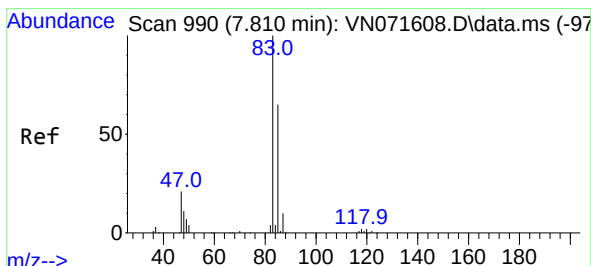
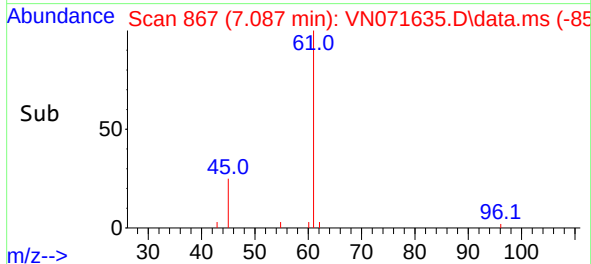
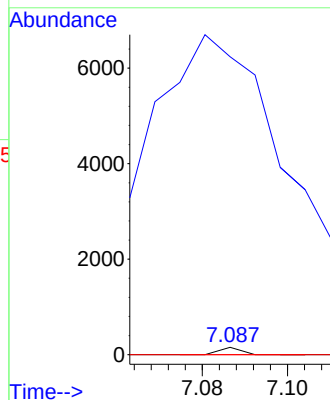
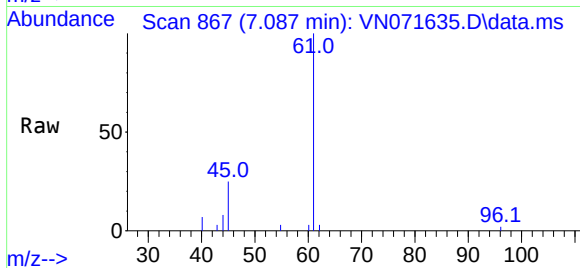




#27
cis-1,2-Dichloroethene
Concen: 0.006 ug/l
RT: 7.087 min Scan# 80
Delta R.T. -0.235 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

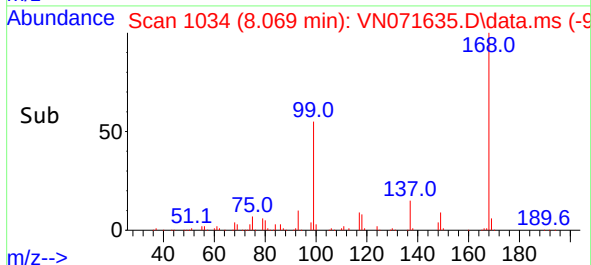
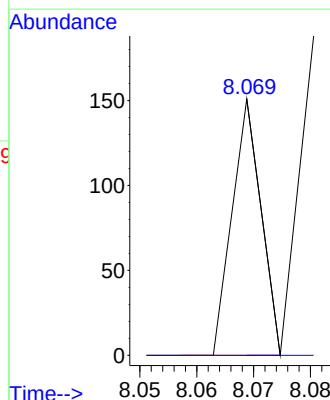
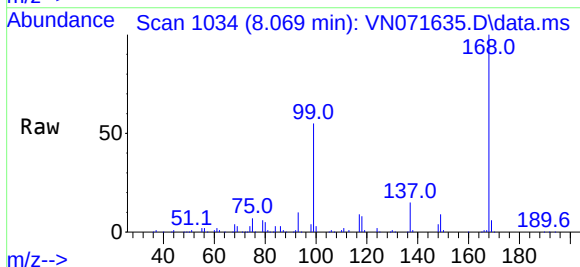
Instrument :
MSVOA_N
ClientSampleId :
TP2

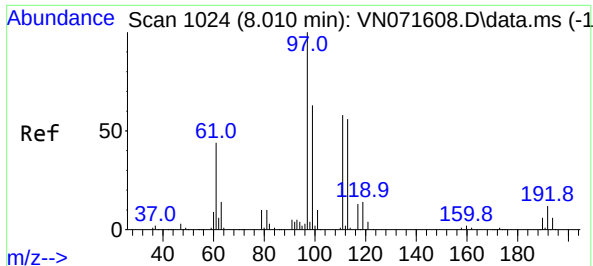
Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 34941.8 0.0 280.6#
98 0.0 0.0 128.4



#30
Chloroform
Concen: 0.004 ug/l
RT: 8.069 min Scan# 1034
Delta R.T. 0.259 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 83 Resp: 53
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#

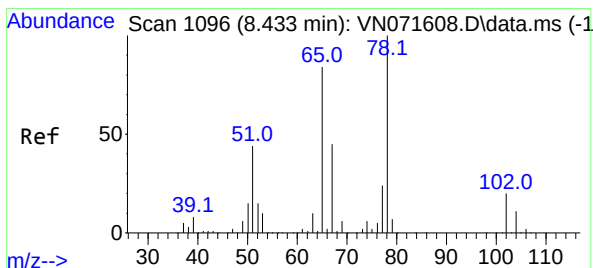
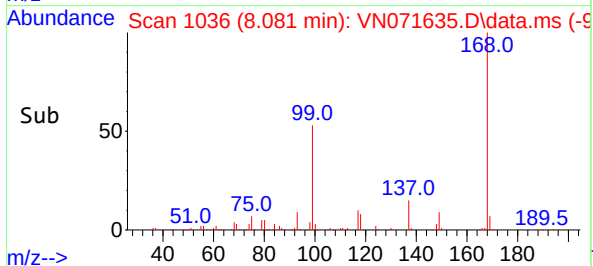
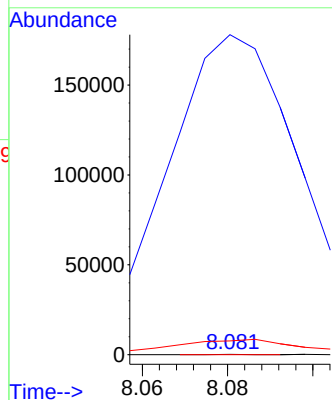
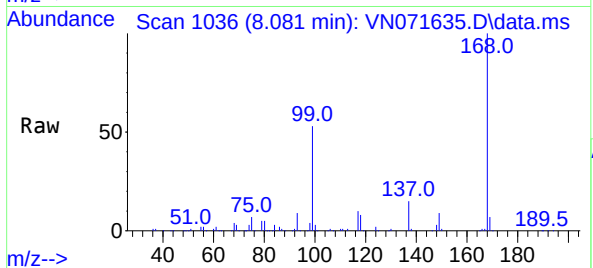




#32
1,1,1-Trichloroethane
Concen: 0.005 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.071 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

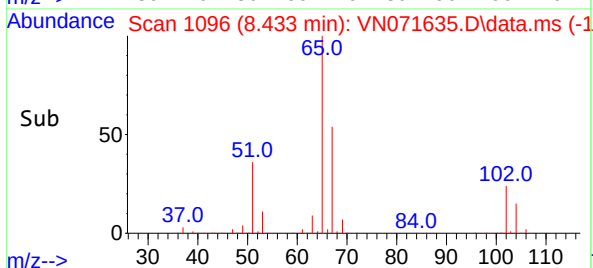
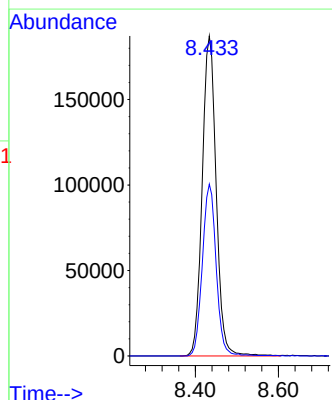
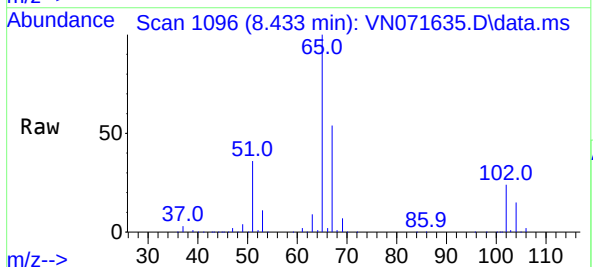
Instrument :
MSVOA_N
ClientSampleId :
TP2

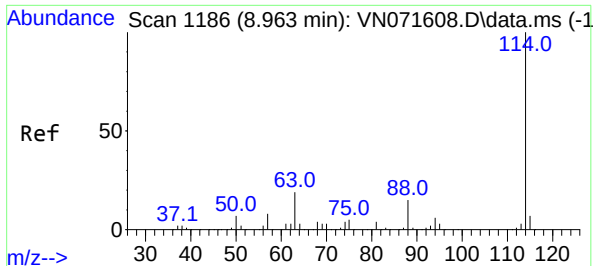
Tgt Ion: 97 Resp: 68
Ion Ratio Lower Upper
97 100
99 601979.4 50.6 76.0#
61 27413.2 36.0 54.0#



#33
1,2-Dichloroethane-d4
Concen: 47.577 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 65 Resp: 436794
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

TP2

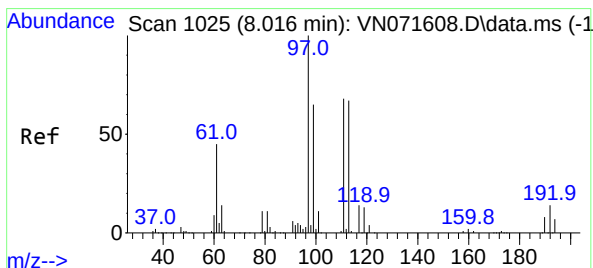
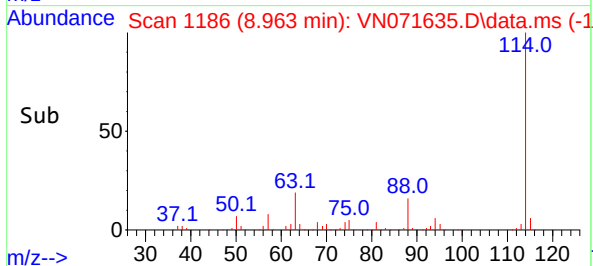
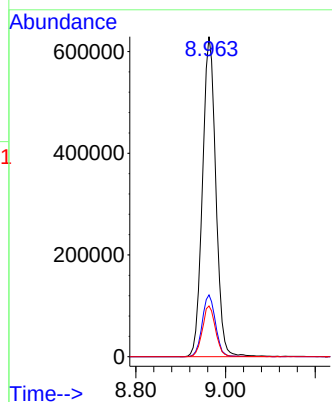
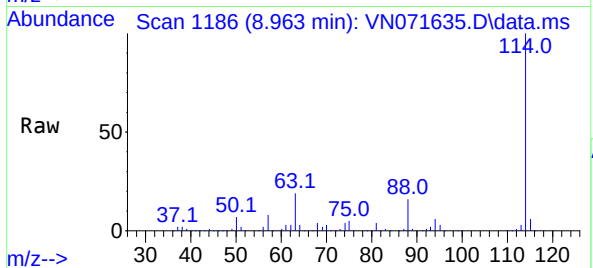
Tgt Ion:114 Resp: 1298985

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.591 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

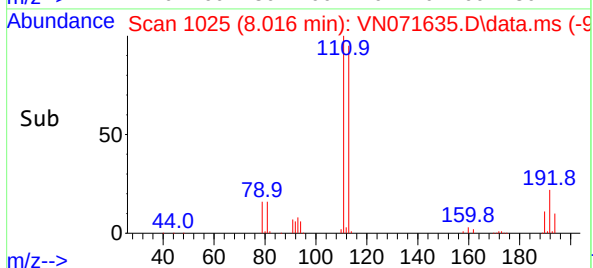
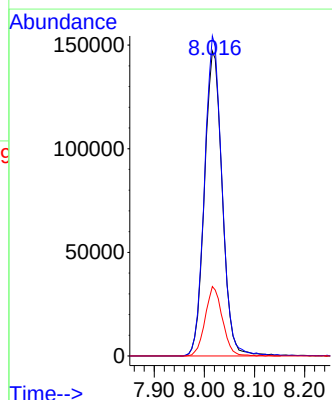
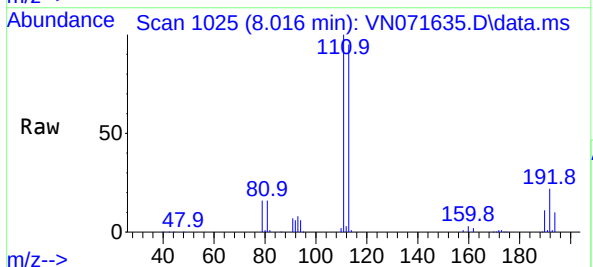
Tgt Ion:113 Resp: 363712

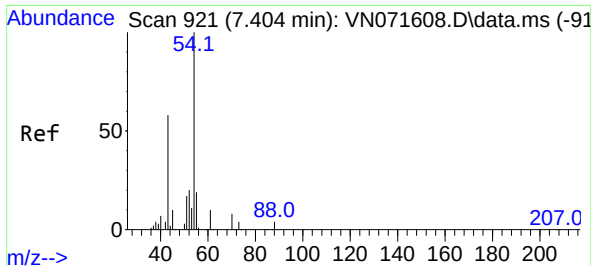
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 22.0 17.0 25.6

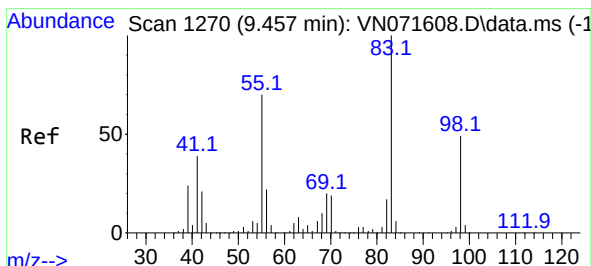
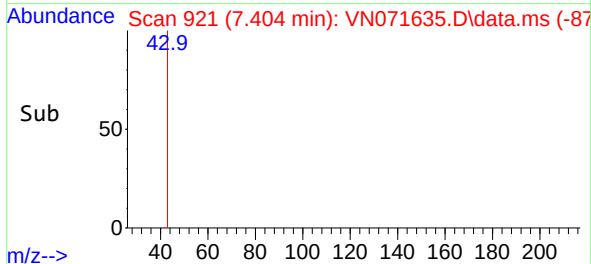
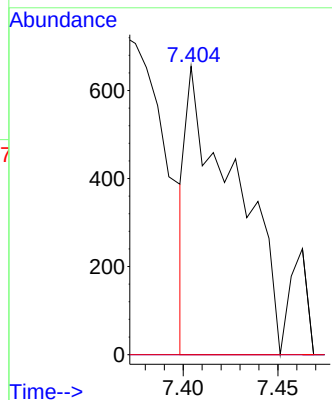
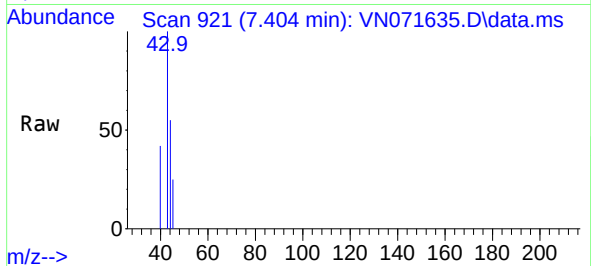




#37
Ethyl Acetate
Concen: 0.093 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

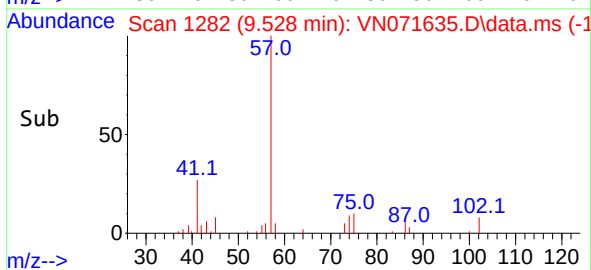
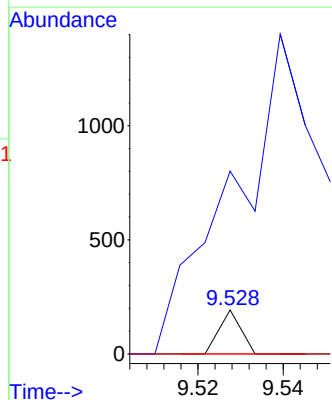
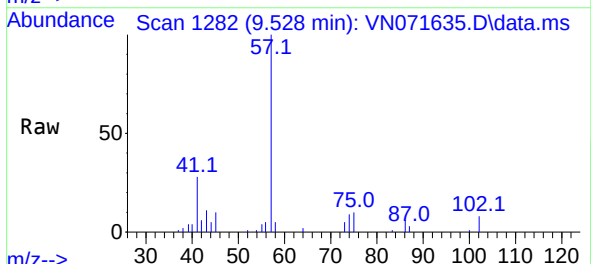
Instrument :
MSVOA_N
ClientSampleId :
TP2

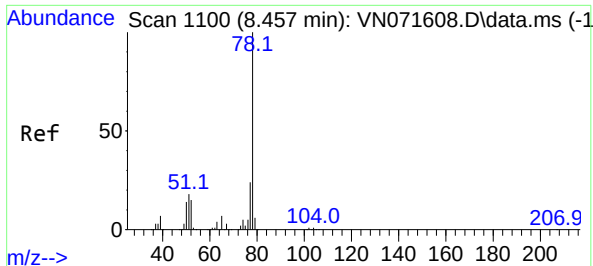
Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#39
Methylcyclohexane
Concen: 0.005 ug/l
RT: 9.528 min Scan# 1282
Delta R.T. 0.071 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
55 213.5 57.8 86.8#
98 0.0 39.4 59.2#

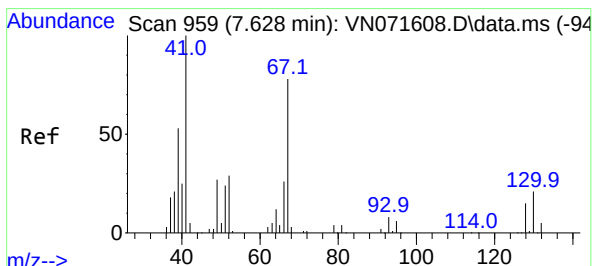
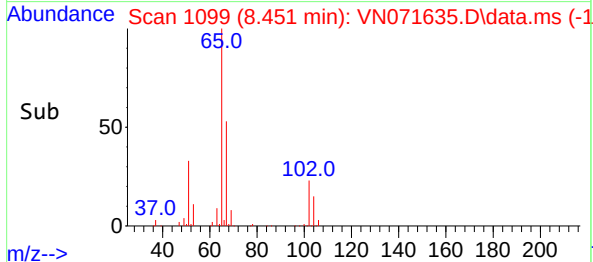
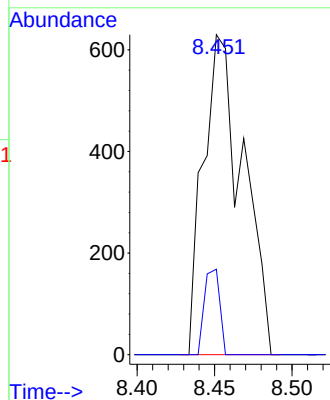
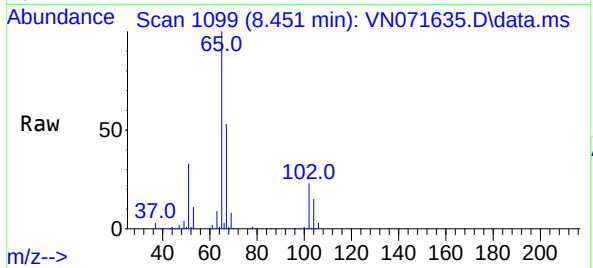




#40
Benzene
Concen: 0.032 ug/l
RT: 8.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

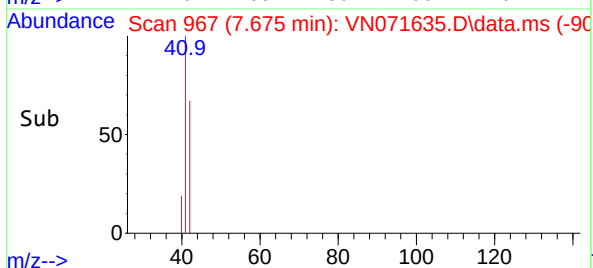
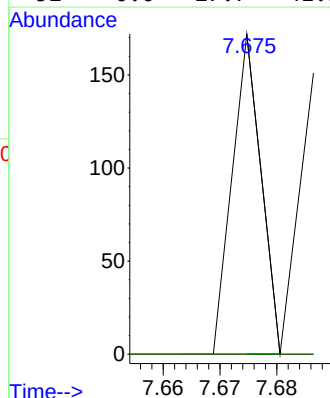
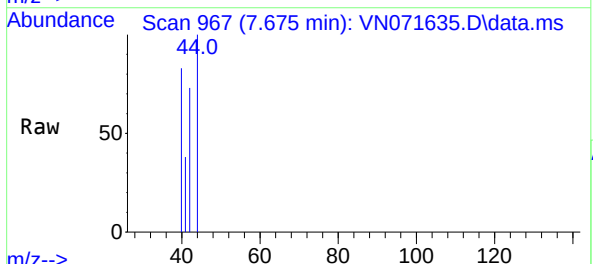
Instrument :
MSVOA_N
ClientSampleId :
TP2

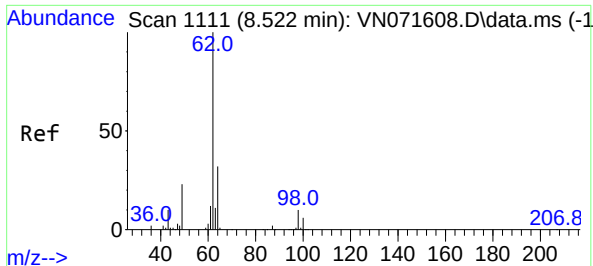
Tgt Ion: 78 Resp: 1122
Ion Ratio Lower Upper
78 100
77 26.7 19.4 29.0



#41
Methacrylonitrile
Concen: 0.010 ug/l
RT: 7.675 min Scan# 967
Delta R.T. 0.047 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

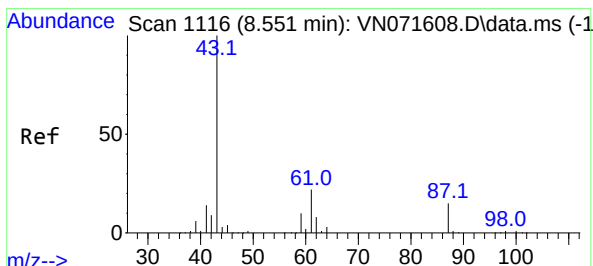
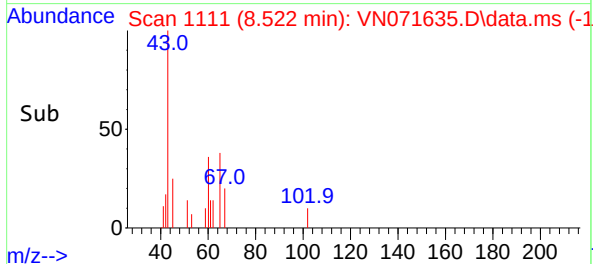
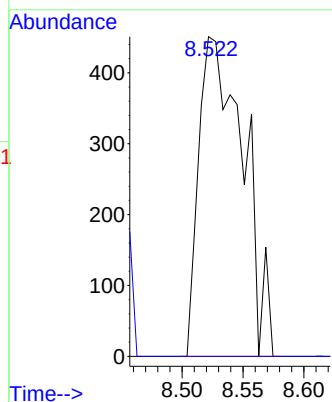
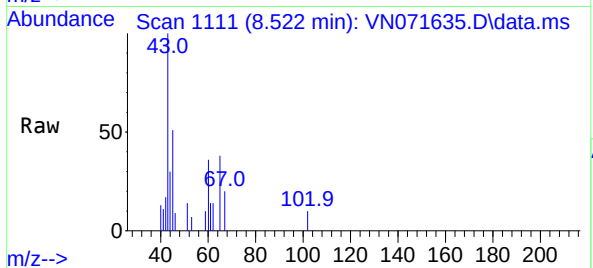




#42
1,2-Dichloroethane
Concen: 0.094 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

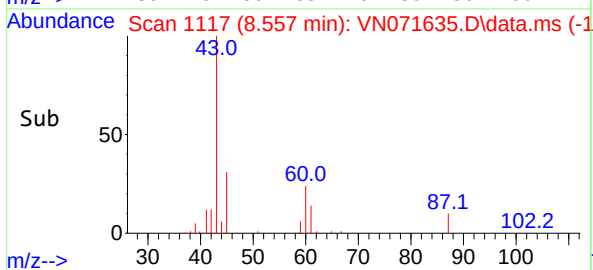
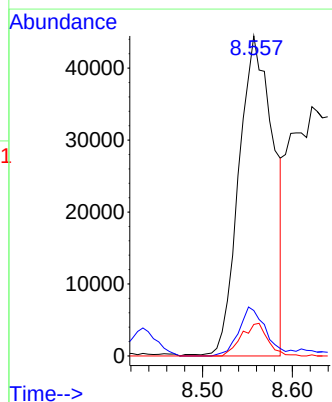
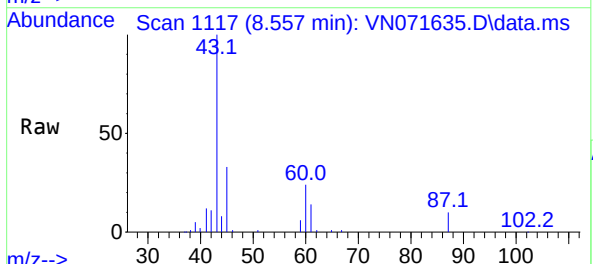
Instrument :
MSVOA_N
ClientSampleId :
TP2

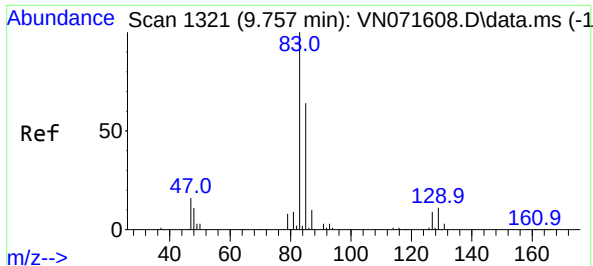
Tgt Ion: 62 Resp: 1140
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4



#43
Isopropyl Acetate
Concen: 5.985 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 43 Resp: 118879
Ion Ratio Lower Upper
43 100
61 12.2 21.9 32.9#
87 7.8 12.0 18.0#

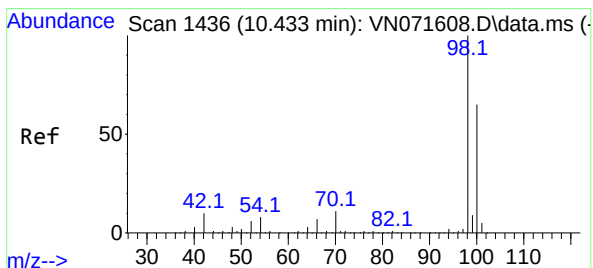
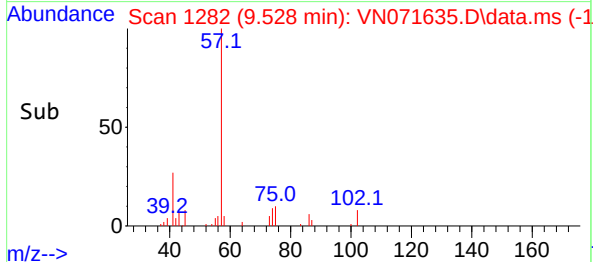
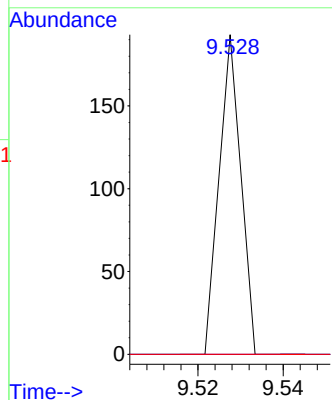
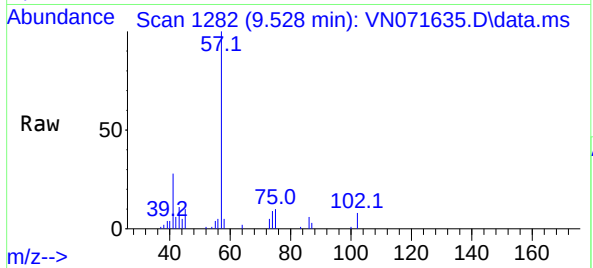




#47
Bromodichloromethane
Concen: 0.006 ug/l
RT: 9.528 min Scan# 11
Delta R.T. -0.229 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

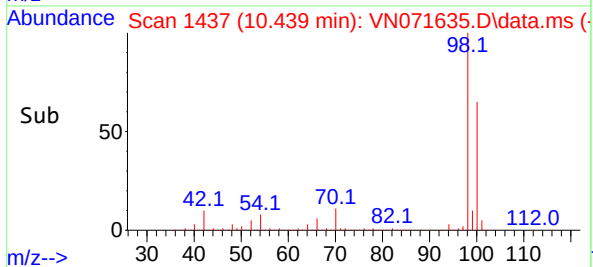
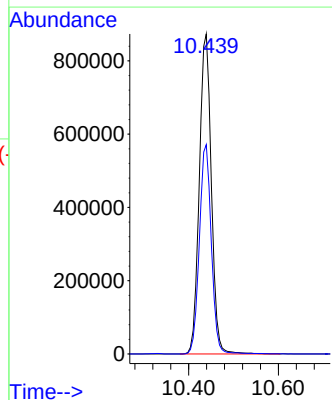
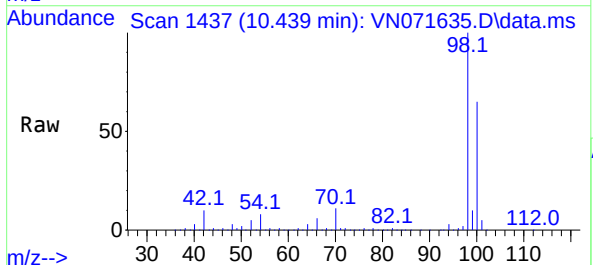
Instrument :
MSVOA_N
ClientSampleId :
TP2

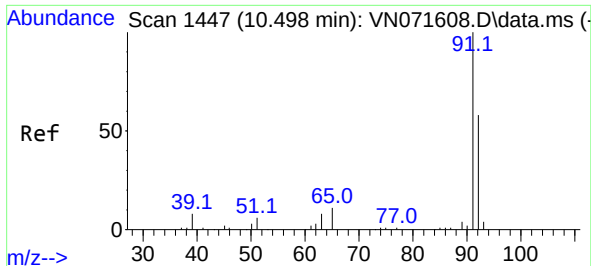
Tgt Ion: 83 Resp: 68
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 49.297 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 98 Resp: 1622237
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#52

Toluene

Concen: 0.023 ug/l

RT: 10.504 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

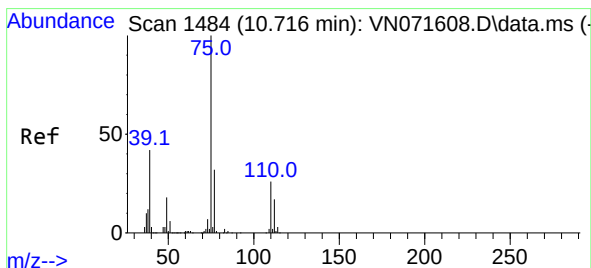
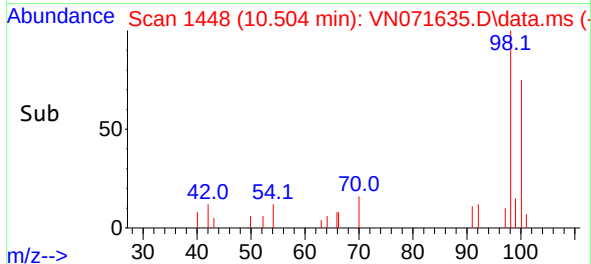
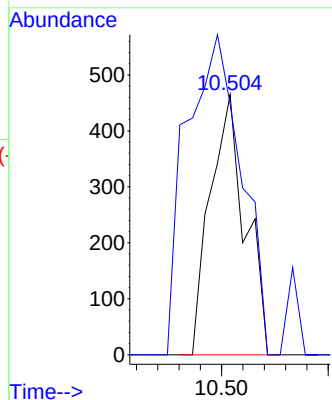
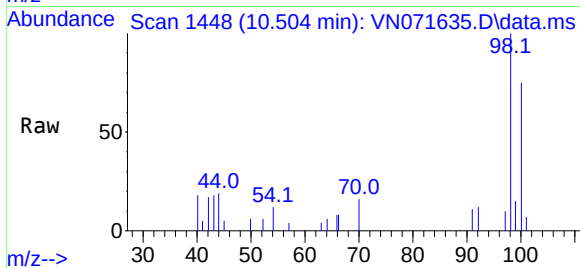
TP2

Tgt Ion: 92 Resp: 530

Ion Ratio Lower Upper

92 100

91 193.4 138.6 207.8



#53

t-1,3-Dichloropropene

Concen: 0.010 ug/l

RT: 10.722 min Scan# 1485

Delta R.T. 0.006 min

Lab File: VN071635.D

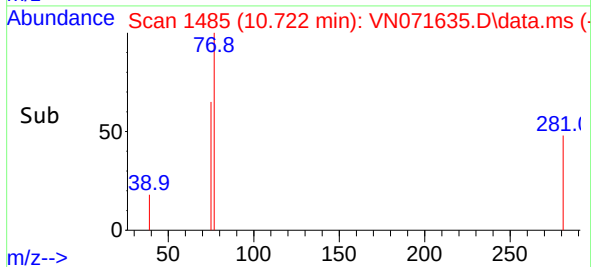
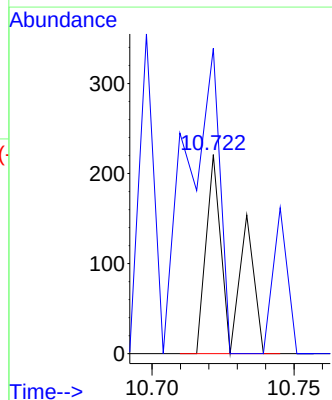
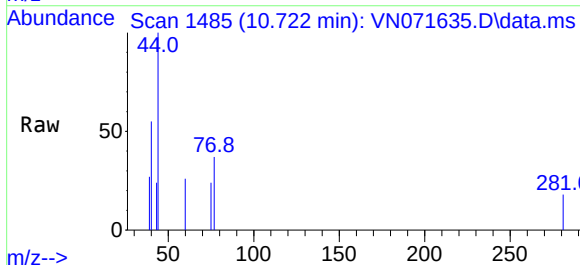
Acq: 29 Mar 2022 16:30

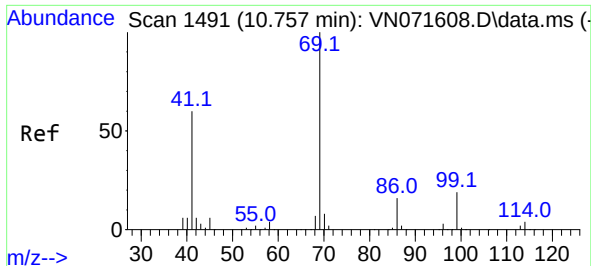
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 80.1 25.6 38.4#

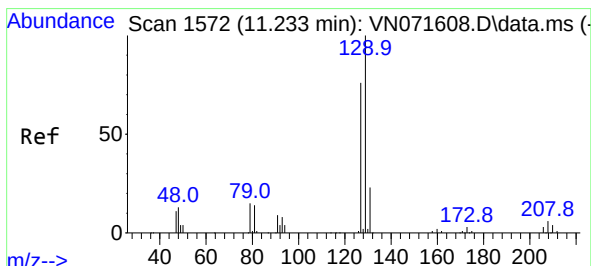
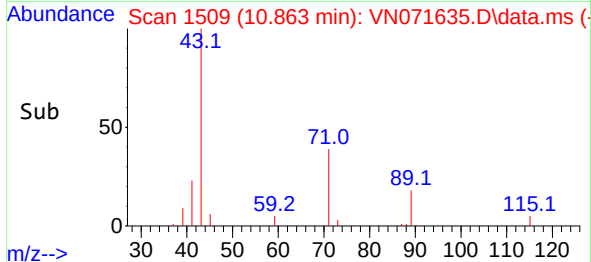
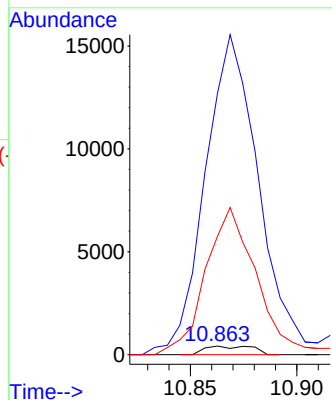
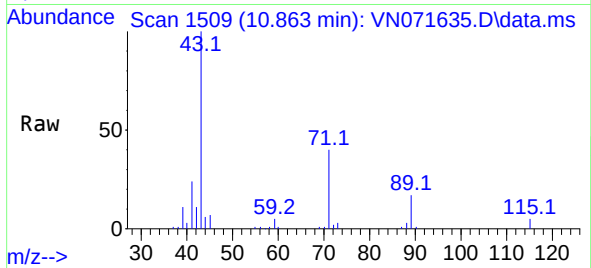




#56
Ethyl methacrylate
Concen: 0.047 ug/l
RT: 10.863 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

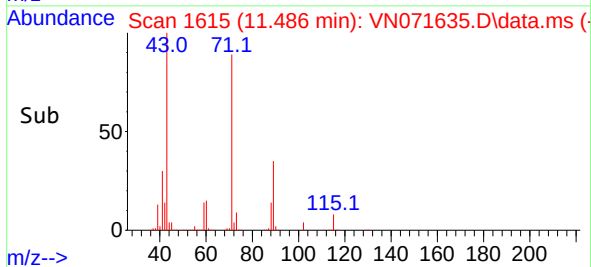
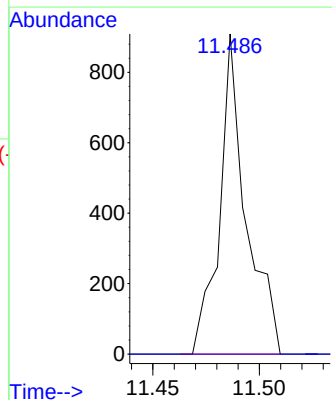
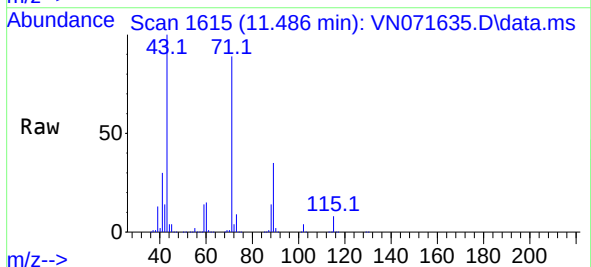
Instrument :
MSVOA_N
ClientSampleId :
TP2

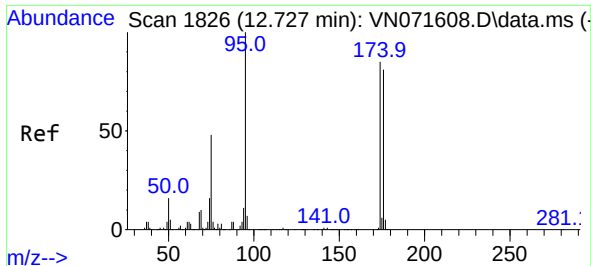
Tgt Ion: 69 Resp: 646
Ion Ratio Lower Upper
69 100
41 4219.2 47.8 71.6#
39 1835.4 27.3 40.9#



#60
Dibromochloromethane
Concen: 0.086 ug/l
RT: 11.486 min Scan# 1615
Delta R.T. 0.253 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 129 Resp: 782
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

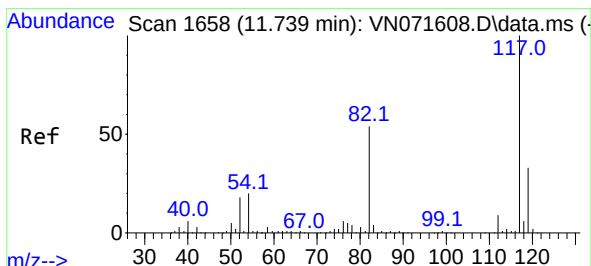
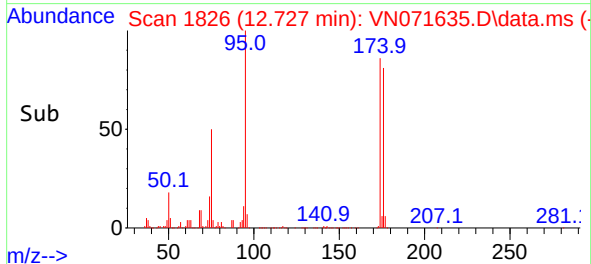
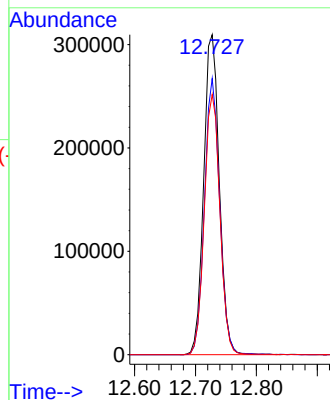
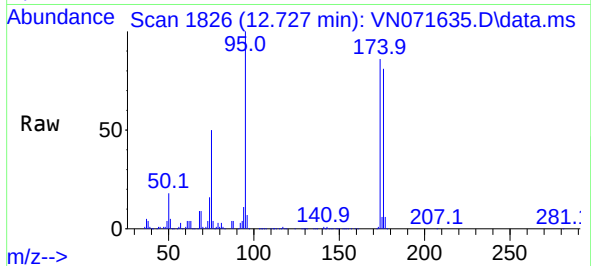




#62
4-Bromofluorobenzene
Concen: 51.332 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

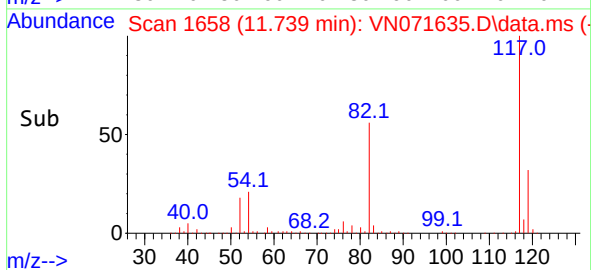
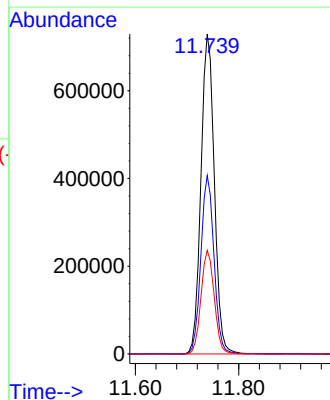
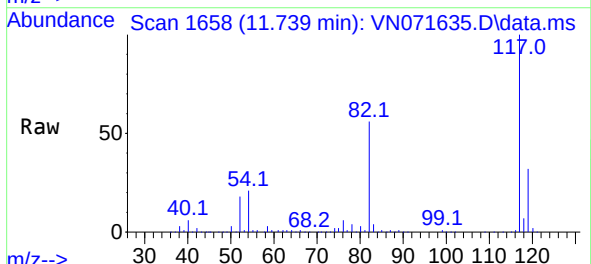
Instrument :
MSVOA_N
ClientSampleId :
TP2

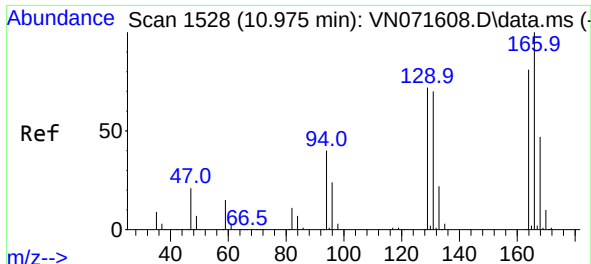
Tgt Ion: 95 Resp: 551057
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 117 Resp: 1311771
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.4 25.4 38.0

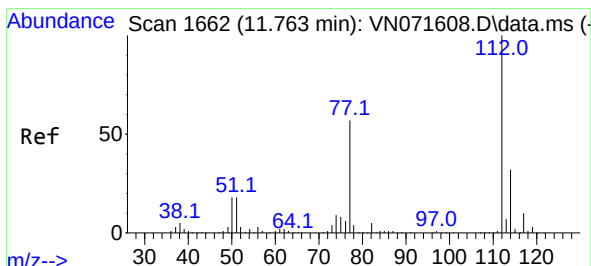
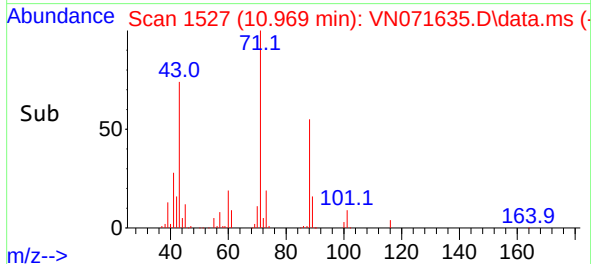
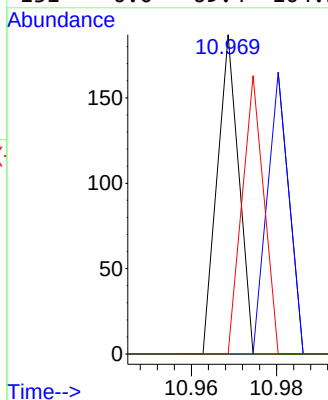
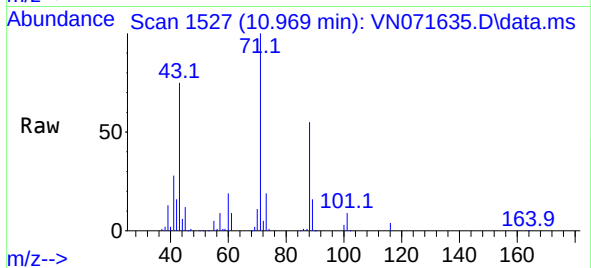




#64
Tetrachloroethene
Concen: 0.007 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

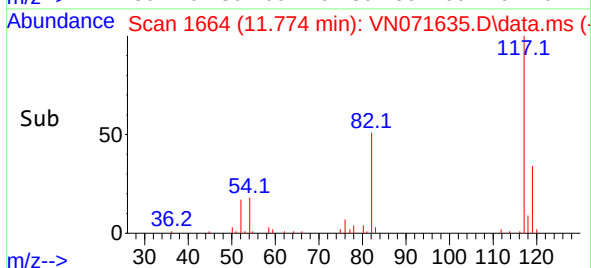
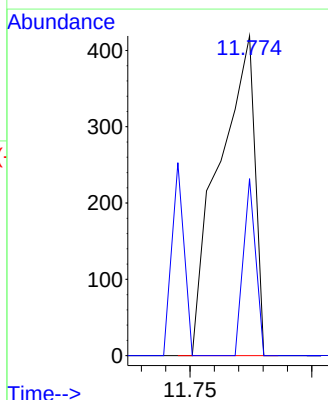
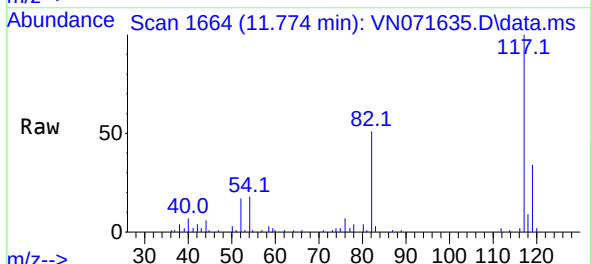
Instrument :
MSVOA_N
ClientSampleId :
TP2

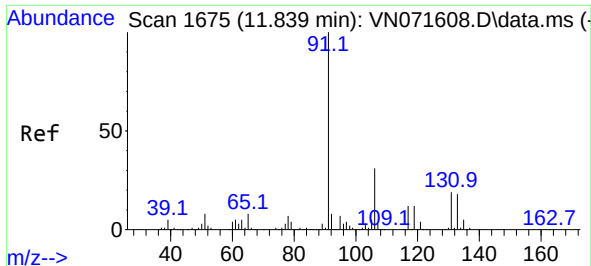
Tgt Ion:164	Resp:	66
Ion	Ratio	Lower Upper
164	100	
166	0.0	104.2 156.2#
129	0.0	73.9 110.9#
131	0.0	69.4 104.2#



#65
Chlorobenzene
Concen: 0.016 ug/l
RT: 11.774 min Scan# 1664
Delta R.T. 0.012 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:112	Resp:	428
Ion	Ratio	Lower Upper
112	100	
114	55.4	25.4 38.2#





#67

Ethyl Benzene

Concen: 0.018 ug/l

RT: 11.845 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

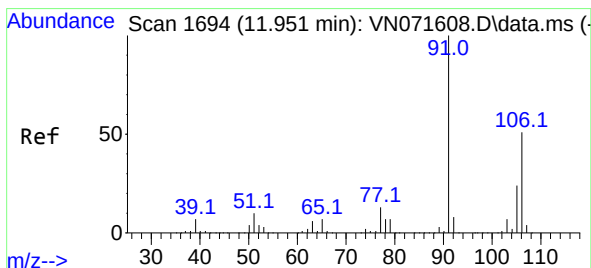
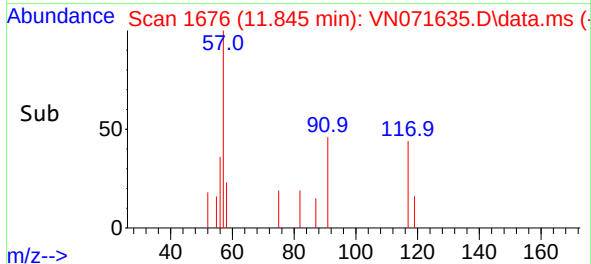
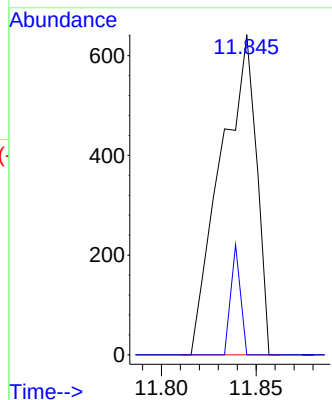
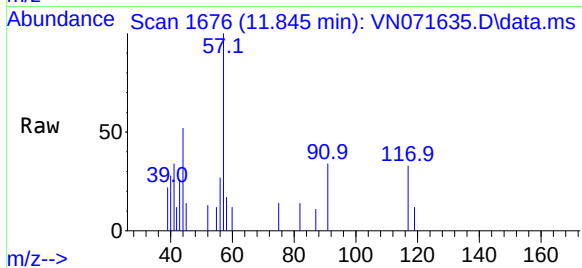
TP2

Tgt Ion: 91 Resp: 838

Ion Ratio Lower Upper

91 100

106 0.0 24.9 37.3#



#68

m/p-Xylenes

Concen: 0.040 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VN071635.D

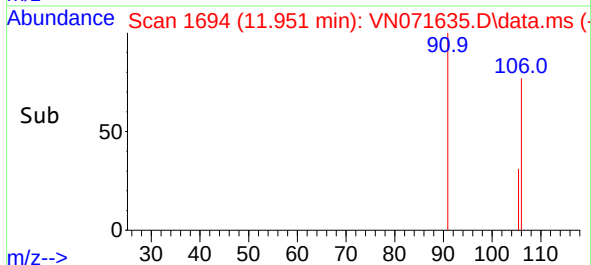
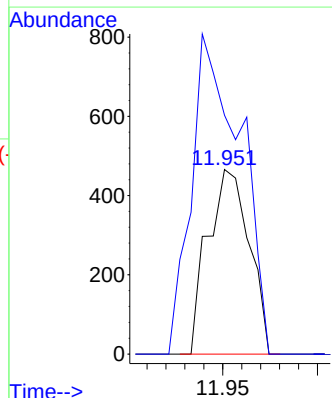
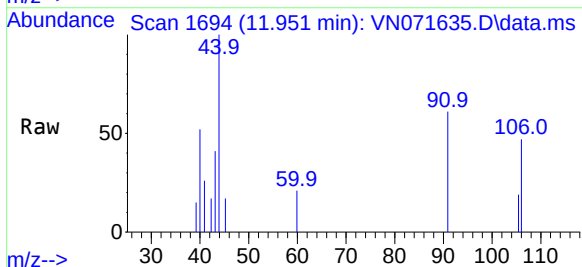
Acq: 29 Mar 2022 16:30

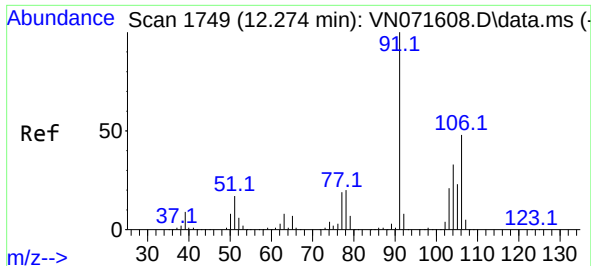
Tgt Ion: 106 Resp: 710

Ion Ratio Lower Upper

106 100

91 204.4 158.9 238.3

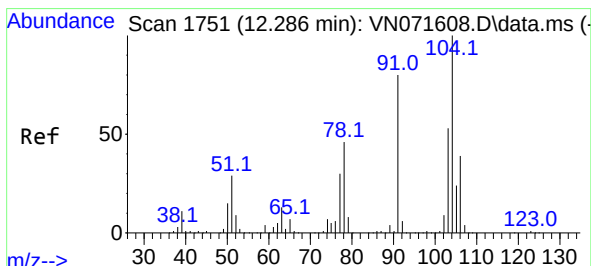
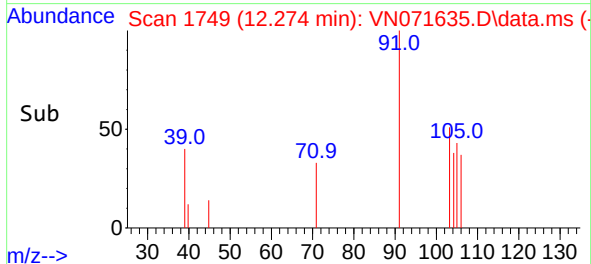
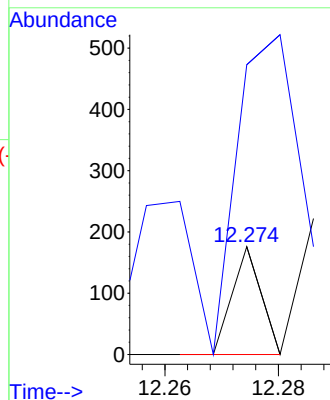
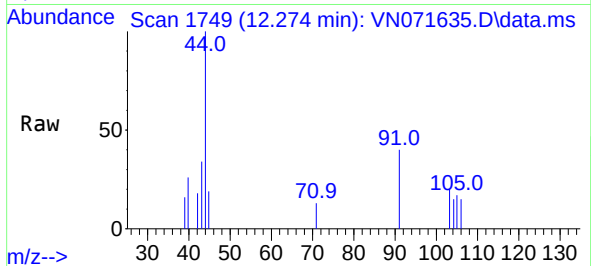




#69
o-Xylene
Concen: 0.003 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

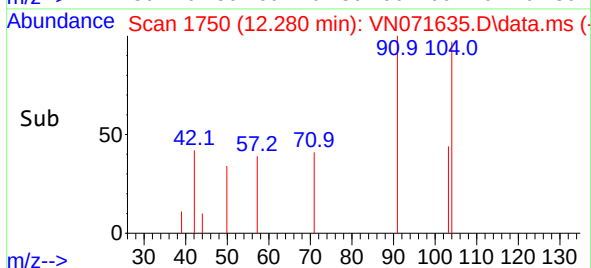
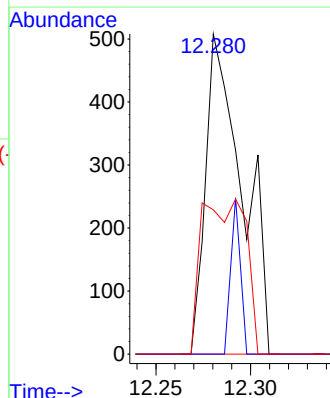
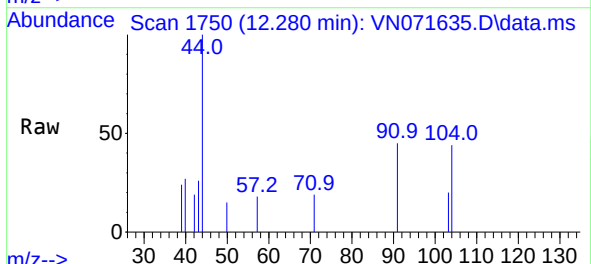
Instrument :
MSVOA_N
ClientSampleId :
TP2

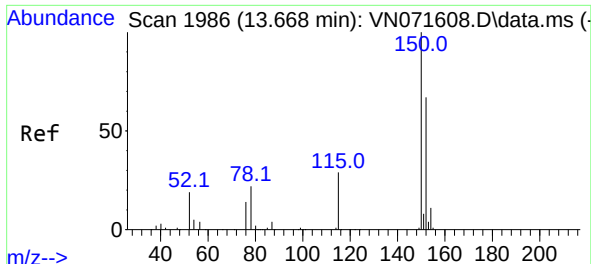
Tgt Ion:106 Resp: 62
Ion Ratio Lower Upper
106 100
91 1058.1 106.0 318.0#



#70
Styrene
Concen: 0.025 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:104 Resp: 682
Ion Ratio Lower Upper
104 100
78 12.9 39.5 59.3#
103 58.8 44.0 66.0

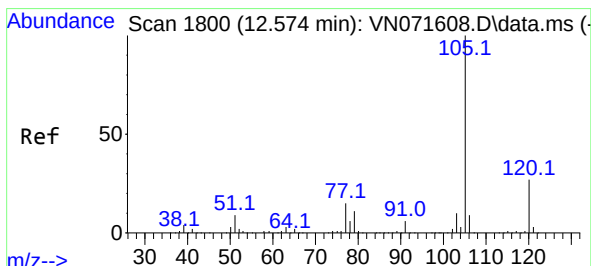
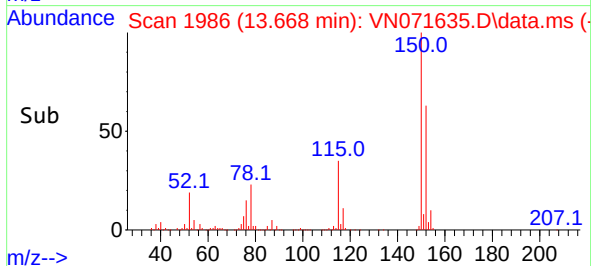
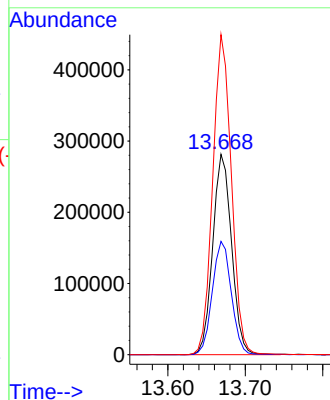
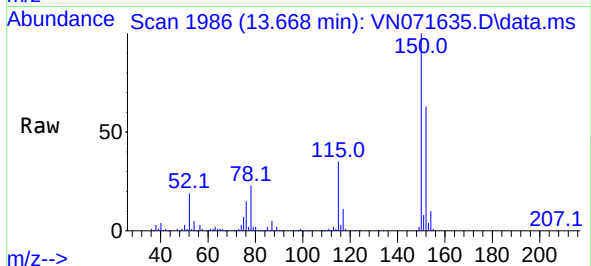




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

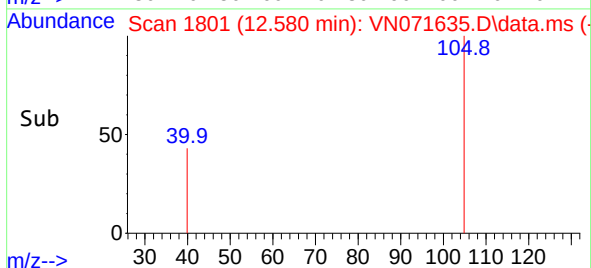
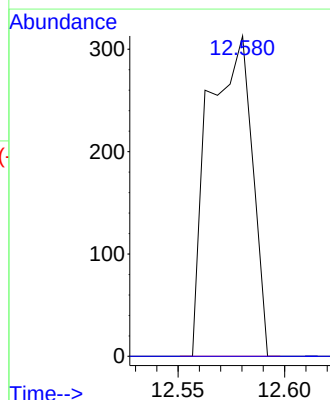
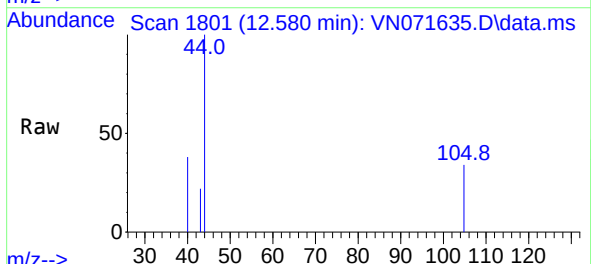
Instrument :
MSVOA_N
ClientSampleId :
TP2

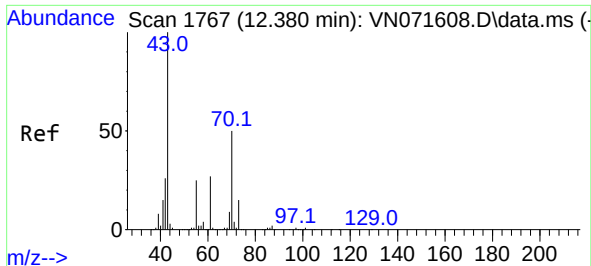
Tgt Ion:152 Resp: 475830
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 158.1 0.0 356.2



#73
Isopropylbenzene
Concen: 0.011 ug/l
RT: 12.580 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:105 Resp: 443
Ion Ratio Lower Upper
105 100
120 0.0 13.5 40.4#



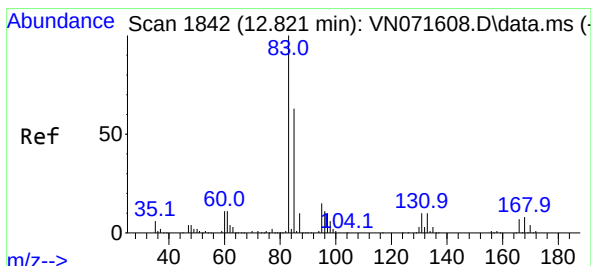
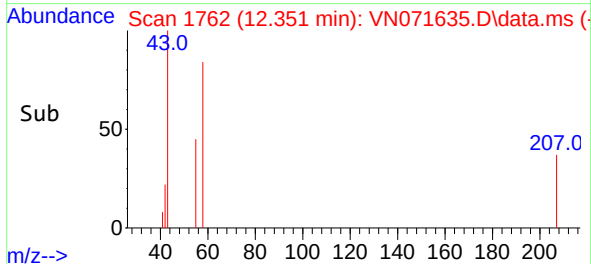
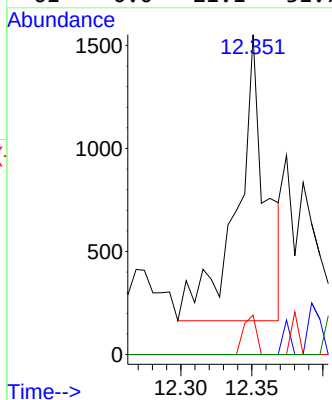
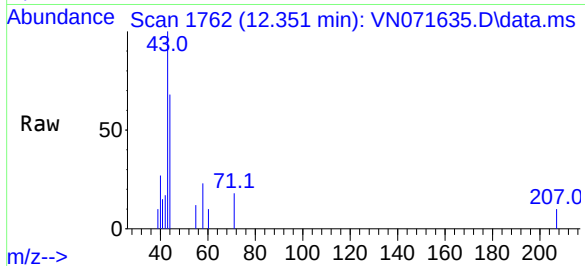


#74
N-amy1 acetate
Concen: 0.156 ug/l
RT: 12.351 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Instrument :
MSVOA_N
ClientSampleId :
TP2

Tgt Ion: 43 Resp: 1973

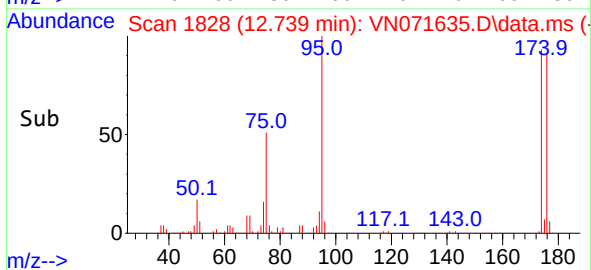
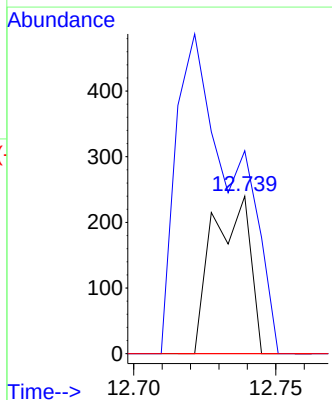
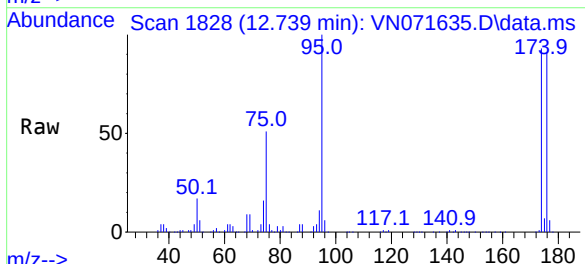
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.4#
55	6.1	21.1	31.7#
61	0.0	21.1	31.7#

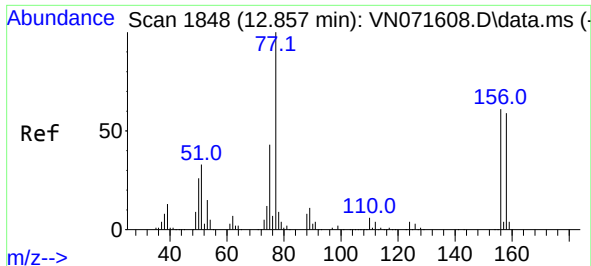


#75
1,1,2,2-Tetrachloroethane
Concen: 0.016 ug/l
RT: 12.739 min Scan# 1828
Delta R.T. -0.082 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 83 Resp: 219

Ion	Ratio	Lower	Upper
83	100		
131	311.4	5.3	15.9#
85	0.0	32.3	96.9#

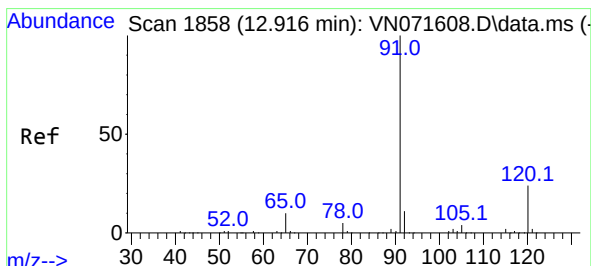
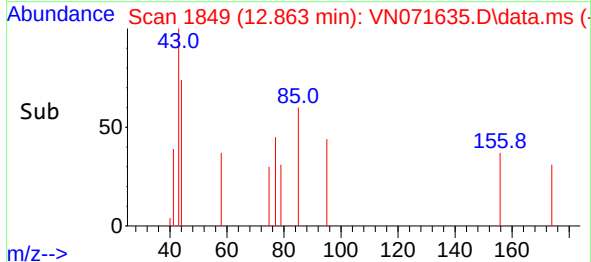
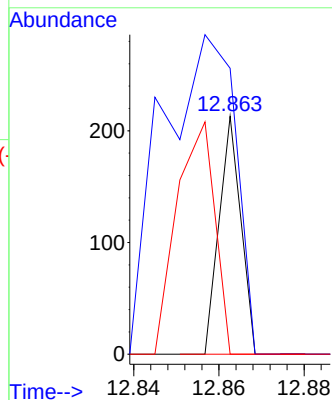
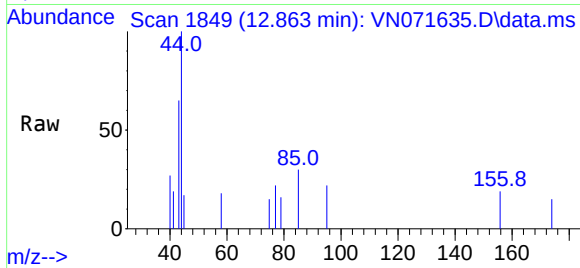




#77
Bromobenzene
Concen: 0.007 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

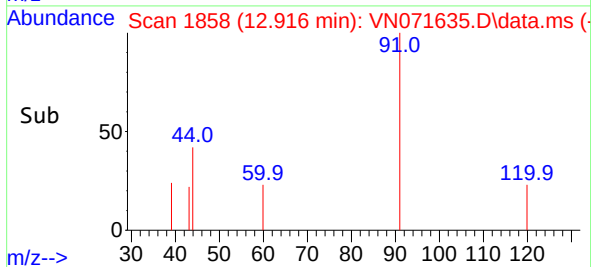
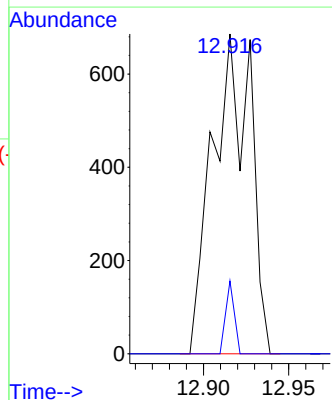
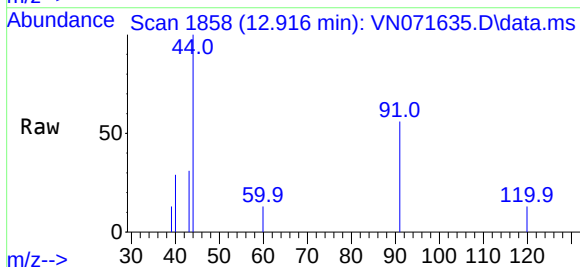
Instrument :
MSVOA_N
ClientSampleId :
TP2

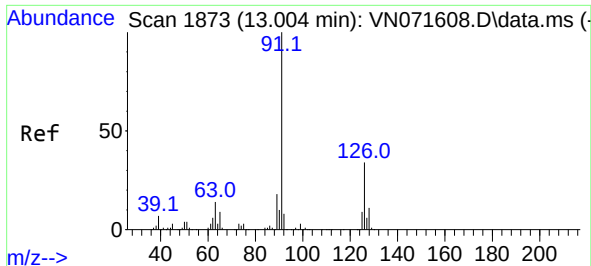
Tgt Ion:156 Resp: 75
Ion Ratio Lower Upper
156 100
77 453.3 100.5 301.5#
158 170.7 48.9 146.6#



#78
n-propylbenzene
Concen: 0.024 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 91 Resp: 1058
Ion Ratio Lower Upper
91 100
120 5.2 11.9 35.5#

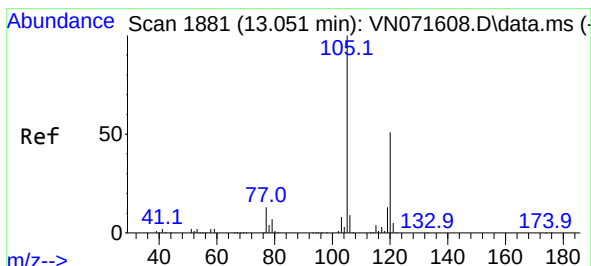
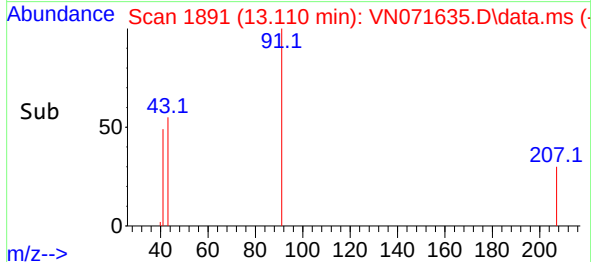
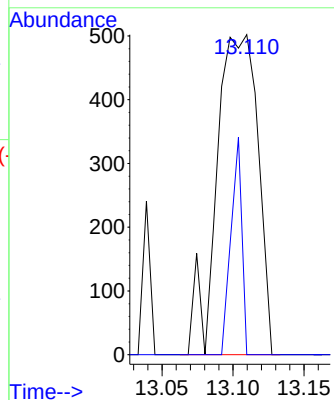
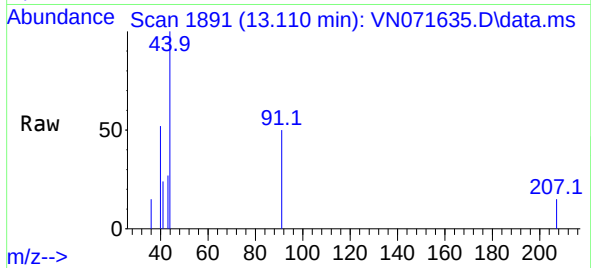




#79
2-Chlorotoluene
Concen: 0.036 ug/l
RT: 13.110 min Scan# 1891
Delta R.T. 0.106 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

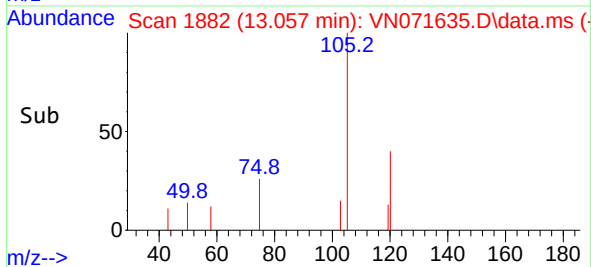
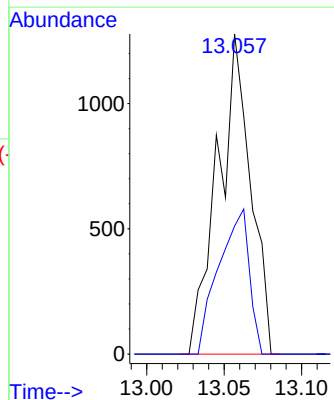
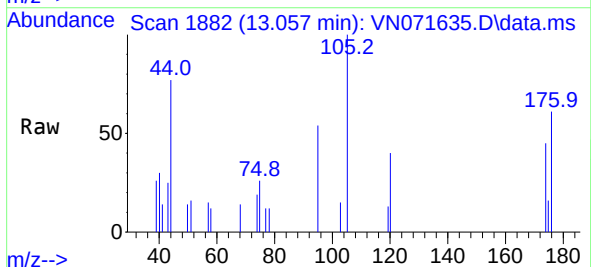
Instrument :
MSVOA_N
ClientSampleId :
TP2

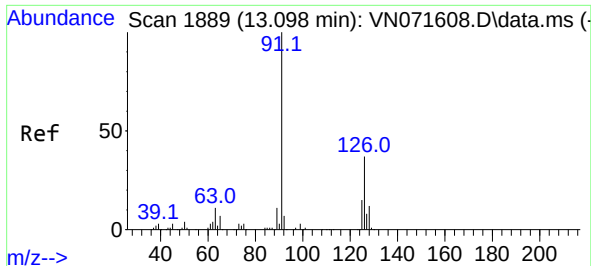
Tgt Ion: 91 Resp: 1014
Ion Ratio Lower Upper
91 100
126 17.9 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 0.057 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 105 Resp: 1884
Ion Ratio Lower Upper
105 100
120 42.1 24.9 74.7

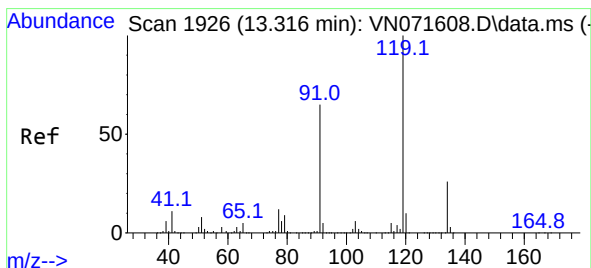
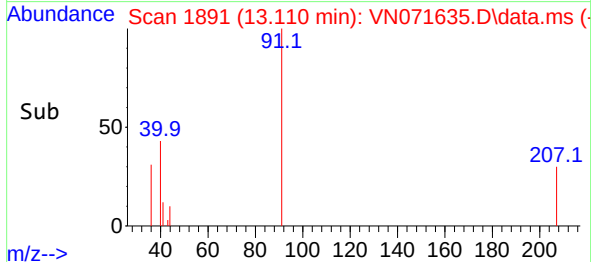
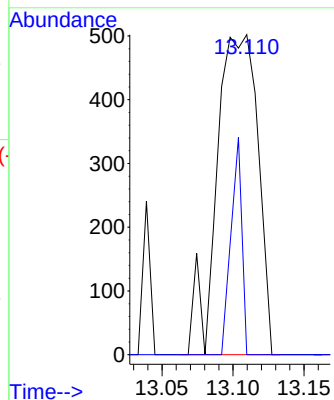
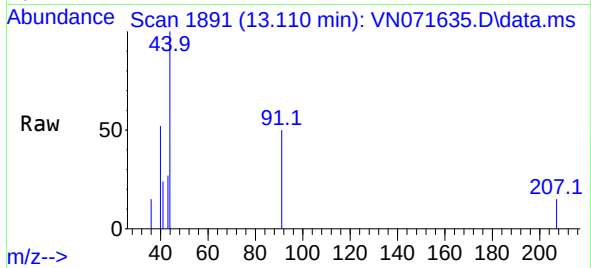




#82
4-Chlorotoluene
Concen: 0.039 ug/l
RT: 13.110 min Scan# 1889
Delta R.T. 0.012 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

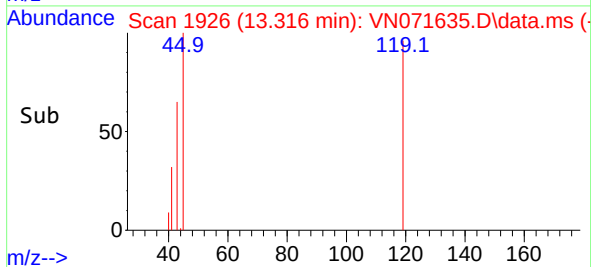
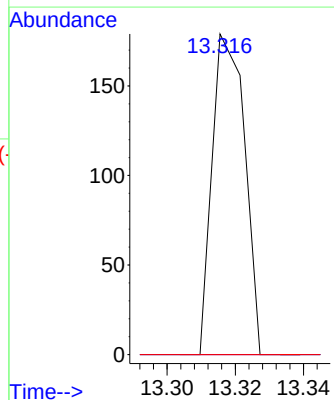
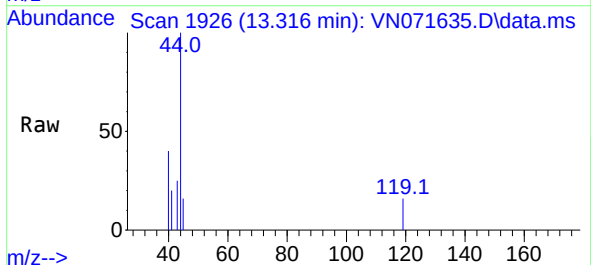
Instrument :
MSVOA_N
ClientSampleId :
TP2

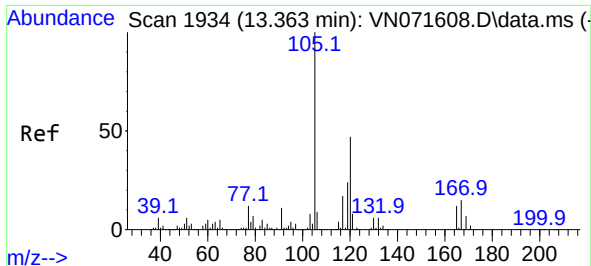
Tgt Ion: 91 Resp: 1014
Ion Ratio Lower Upper
91 100
126 17.9 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.004 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 119 Resp: 118
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.0 13.7 41.1#

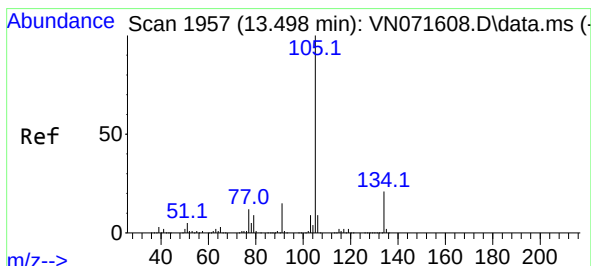
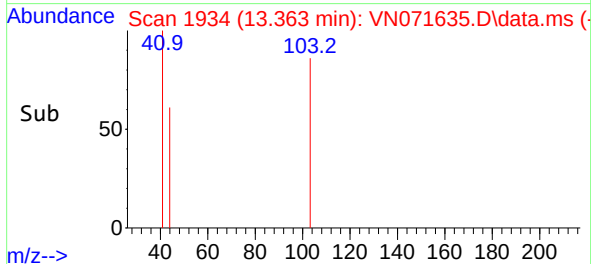
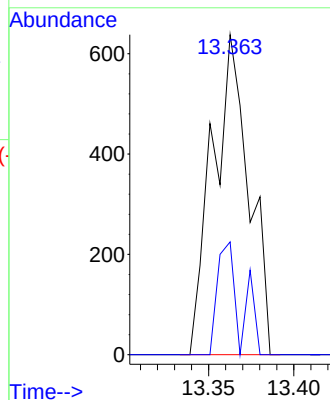
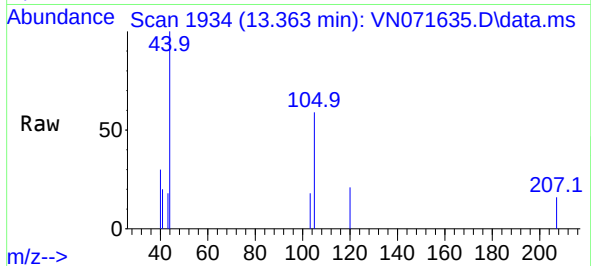




#84
1,2,4-Trimethylbenzene
Concen: 0.030 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

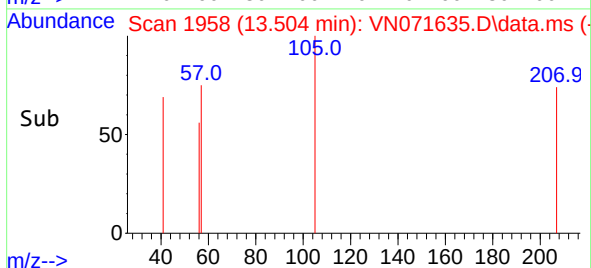
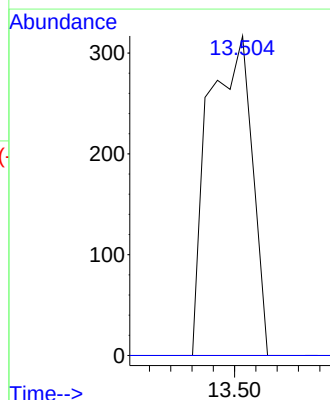
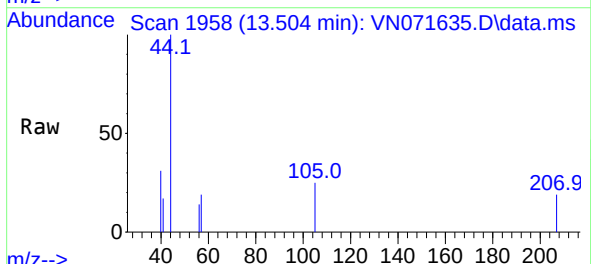
Instrument :
MSVOA_N
ClientSampleId :
TP2

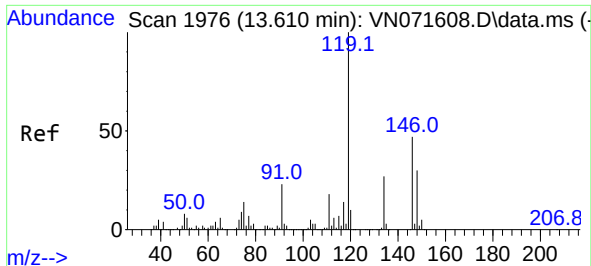
Tgt Ion:105 Resp: 950
Ion Ratio Lower Upper
105 100
120 22.1 23.3 69.8#



#85
sec-Butylbenzene
Concen: 0.011 ug/l
RT: 13.504 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:105 Resp: 449
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

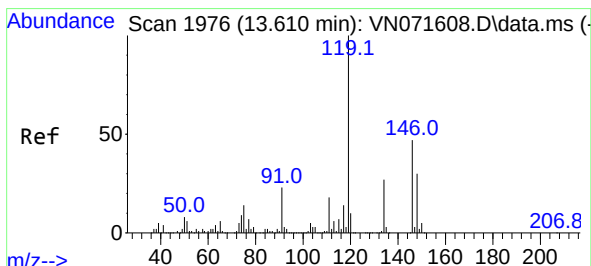
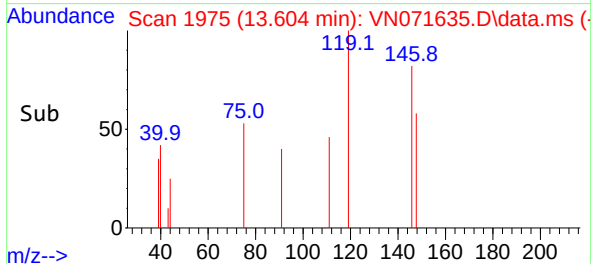
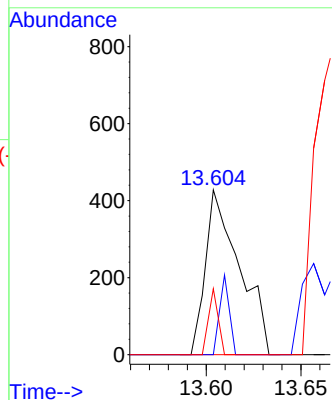
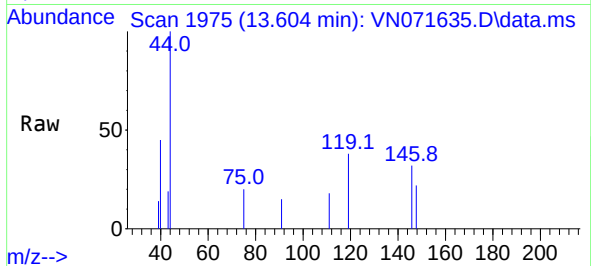




#86
p-Isopropyltoluene
Concen: 0.017 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

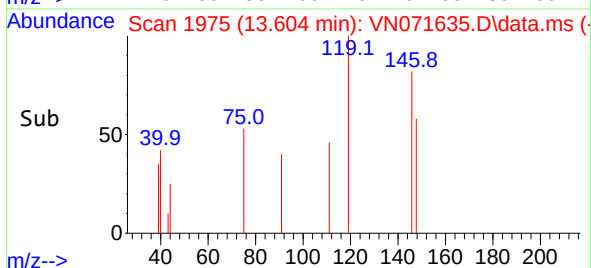
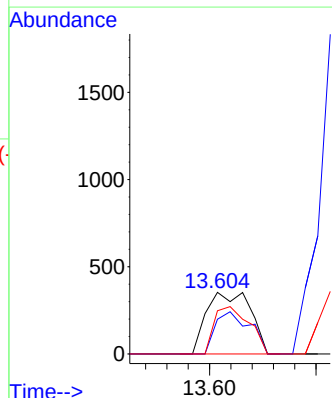
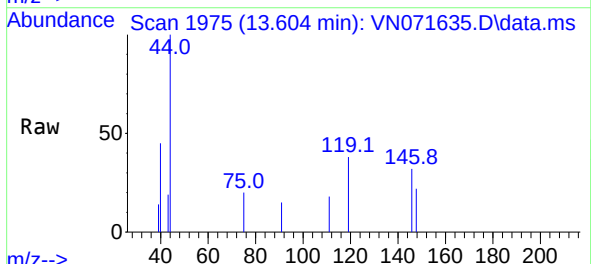
Instrument :
MSVOA_N
ClientSampleId :
TP2

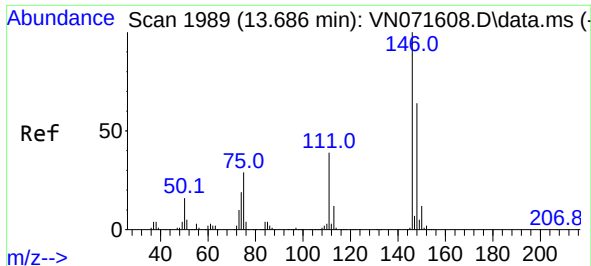
Tgt Ion:	119	Resp:	534
Ion	Ratio	Lower	Upper
119	100		
134	13.7	13.3	39.8
91	11.2	11.3	33.9#



#87
1,3-Dichlorobenzene
Concen: 0.030 ug/l
RT: 13.604 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:	146	Resp:	508
Ion	Ratio	Lower	Upper
146	100		
111	53.5	20.0	60.0
148	61.0	32.0	96.0

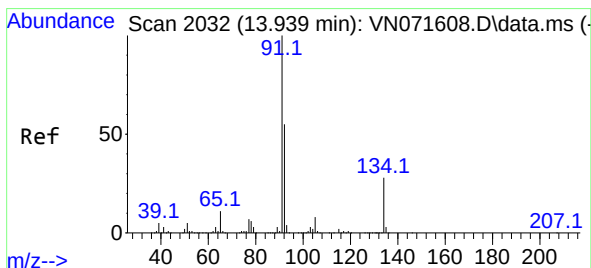
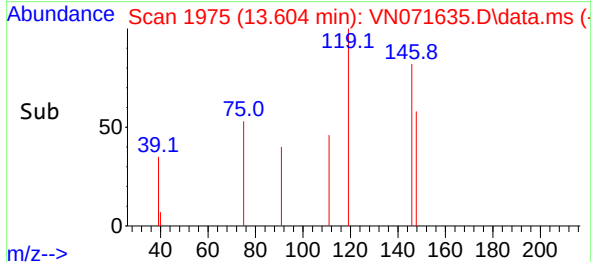
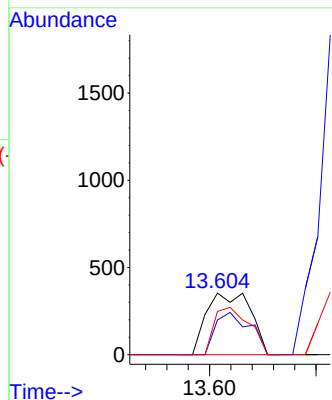
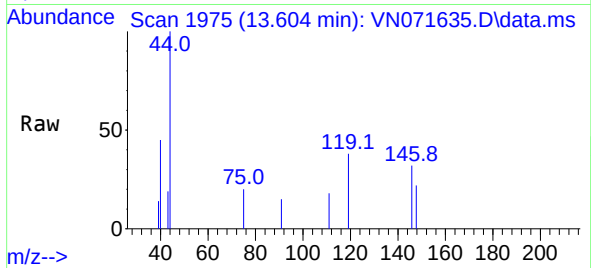




#88
1,4-Dichlorobenzene
Concen: 0.030 ug/l
RT: 13.604 min Scan# 1989
Delta R.T. -0.082 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

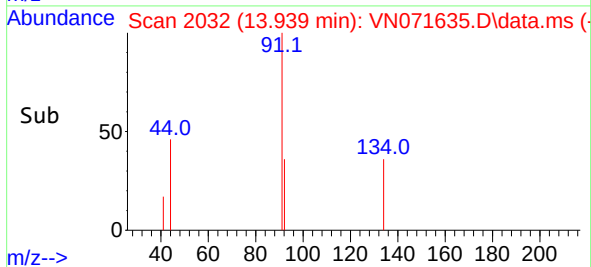
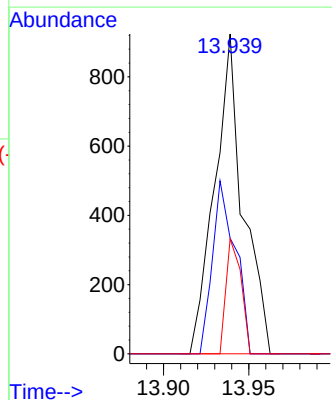
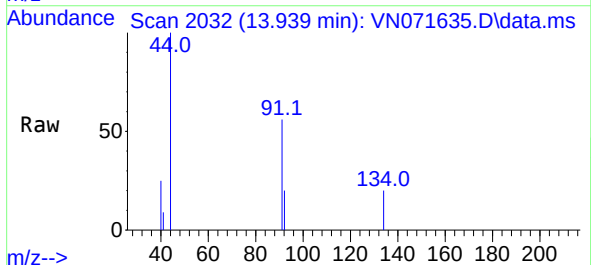
Instrument :
MSVOA_N
ClientSampleId :
TP2

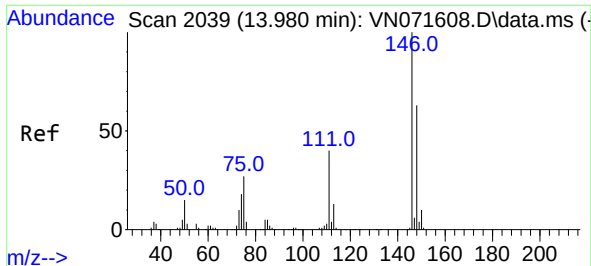
Tgt Ion:146 Resp: 508
Ion Ratio Lower Upper
146 100
111 53.5 19.1 57.1
148 61.0 31.4 94.3



#89
n-Butylbenzene
Concen: 0.045 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion: 91 Resp: 1074
Ion Ratio Lower Upper
91 100
92 43.3 26.9 80.7
134 18.9 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.024 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

TP2

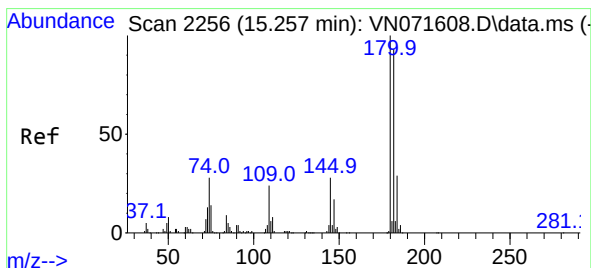
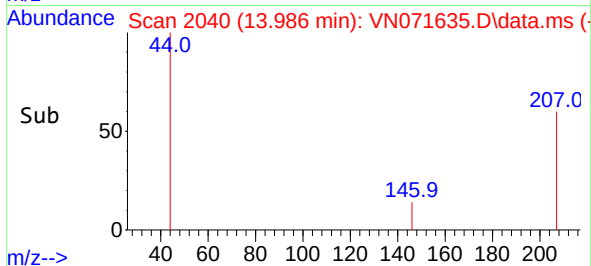
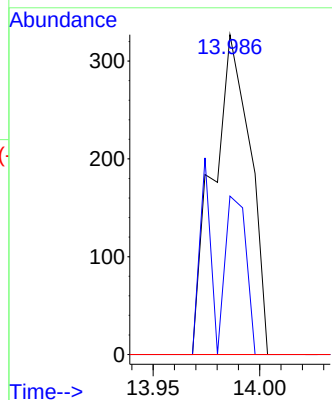
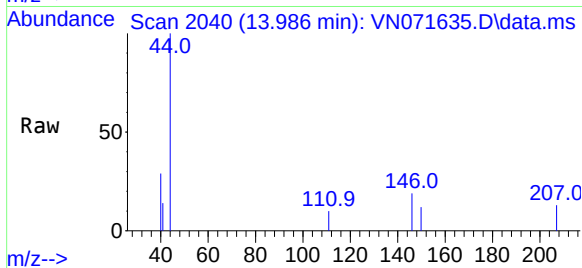
Tgt Ion:146 Resp: 398

Ion Ratio Lower Upper

146 100

111 27.6 20.9 62.8

148 0.0 32.1 96.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.064 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.006 min

Lab File: VN071635.D

Acq: 29 Mar 2022 16:30

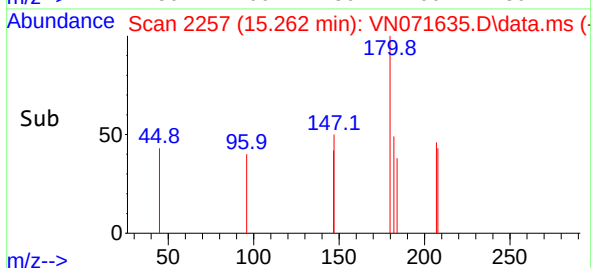
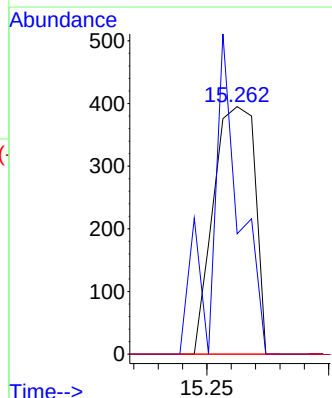
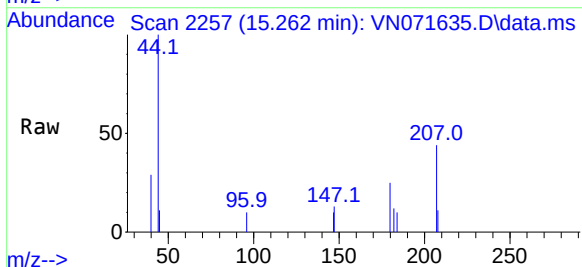
Tgt Ion:180 Resp: 468

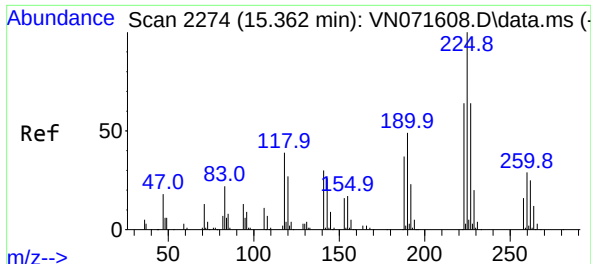
Ion Ratio Lower Upper

180 100

182 85.7 47.5 142.5

145 0.0 14.5 43.5#

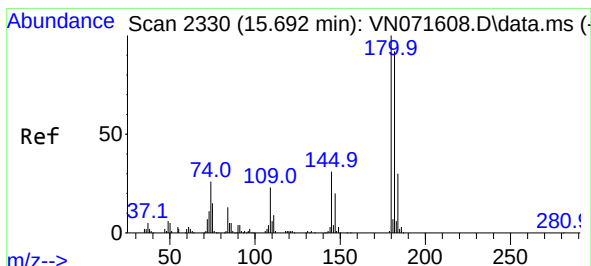
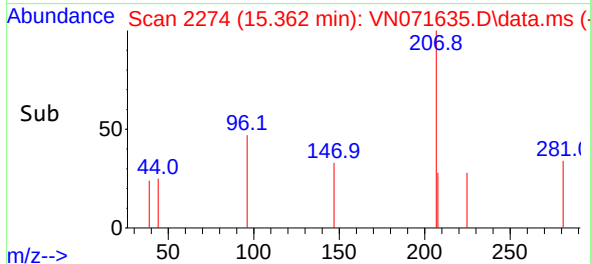
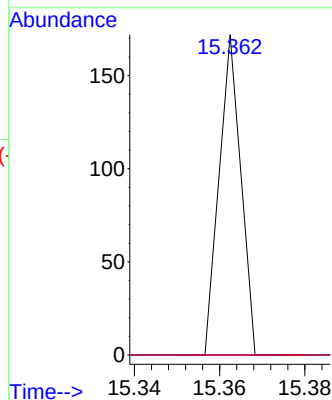
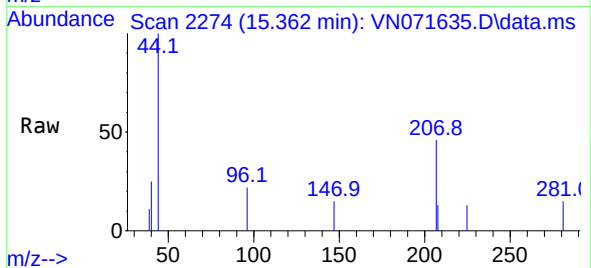




#94
Hexachlorobutadiene
Concen: 0.013 ug/l
RT: 15.362 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Instrument :
MSVOA_N
ClientSampleId :
TP2

Tgt Ion:225 Resp: 61
Ion Ratio Lower Upper
225 100
223 0.0 32.4 97.2#
227 0.0 31.8 95.4#



#96
1,2,3-Trichlorobenzene
Concen: 0.036 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071635.D
Acq: 29 Mar 2022 16:30

Tgt Ion:180 Resp: 266
Ion Ratio Lower Upper
180 100
182 101.9 47.8 143.3
145 0.0 15.5 46.5#

