

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071081.D
 Acq On : 25 Feb 2022 19:45
 Operator : JC\MD
 Sample : N1664-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Feb 26 03:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

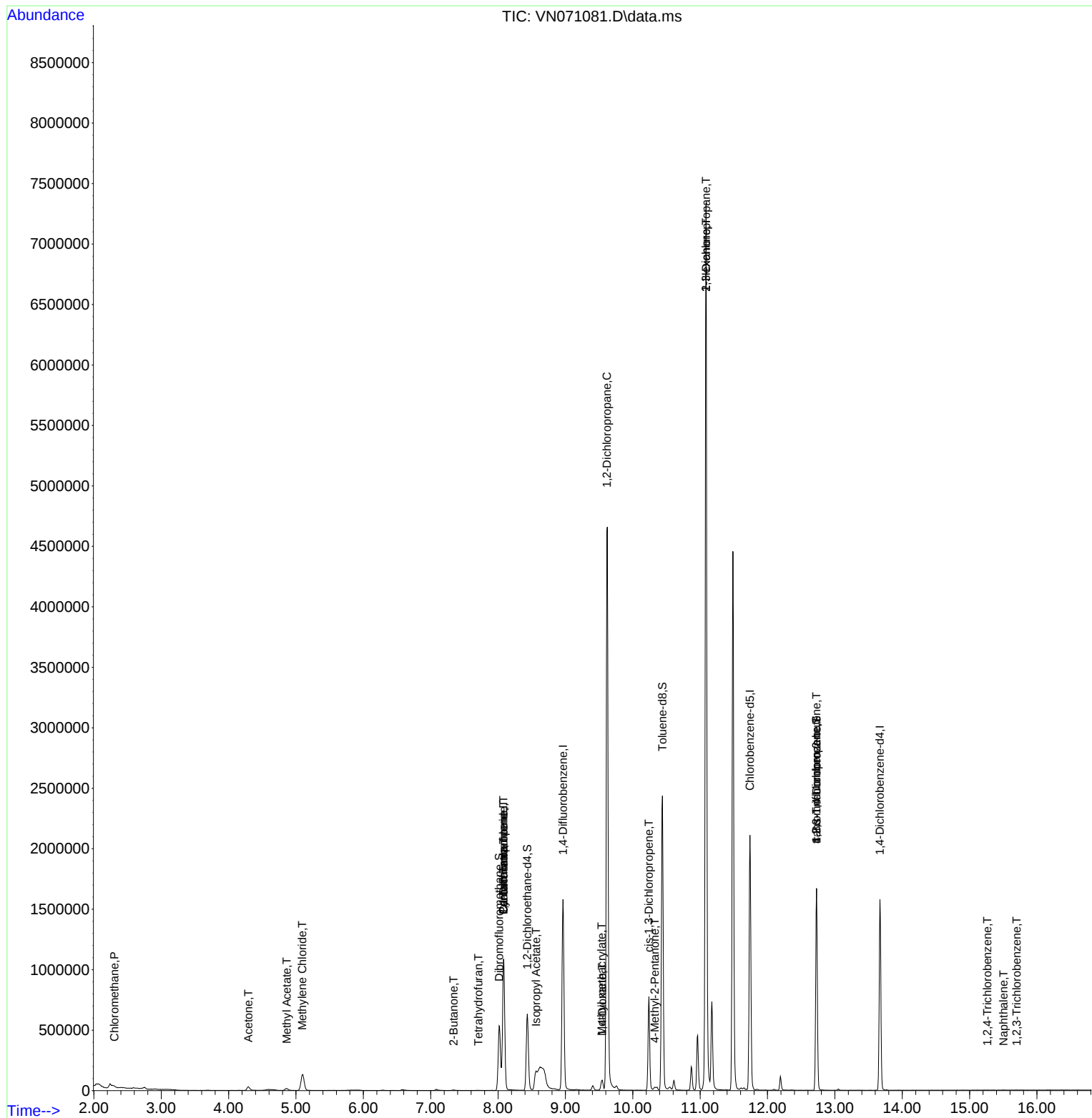
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	844489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1384687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1238623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	437875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	514983	53.384	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	8.016	113	397359	48.246	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.500%	
50) Toluene-d8	10.439	98	1685544	50.960	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.727	95	577853	48.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.760%	
Target Compounds						Qvalue
3) Chloromethane	2.304	50	3306	0.300	ug/l	90
16) Acetone	4.292	43	54199	10.202	ug/l	91
18) Methyl Acetate	4.863	43	37189	2.626	ug/l	96
20) Methylene Chloride	5.092	84	108210	11.207	ug/l	93
25) 2-Butanone	7.339	43	10133	1.434	ug/l #	73
29) Tetrahydrofuran	7.710	42	2029	0.443	ug/l #	37
31) Cyclohexane	8.080	56	17231	1.033	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	65004	4.817	ug/l #	49
38) Carbon Tetrachloride	8.080	117	83787	6.302	ug/l #	16
43) Isopropyl Acetate	8.563	43	192715	8.449	ug/l #	75
45) 1,2-Dichloropropane	9.616	63	6616	0.647	ug/l #	44
48) Methyl methacrylate	9.539	41	25355	2.348	ug/l #	8
49) 1,4-Dioxane	9.545	88	81	0.422	ug/l #	1
51) 4-Methyl-2-Pentanone	10.327	43	17914	1.291	ug/l	99
54) cis-1,3-Dichloropropene	10.239	75	133908	8.246	ug/l #	59
57) 1,3-Dichloropropane	11.086	76	75699	4.458	ug/l #	43
59) 2-Hexanone	11.086	43	1168515	122.424	ug/l #	49
76) 1,2,3-Trichloropropane	12.727	75	293050	28.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	293050	92.108	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	278	2.032	ug/l #	1
95) Naphthalene	15.503	128	1632	5.065	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.698	180	198	2.541	ug/l #	29

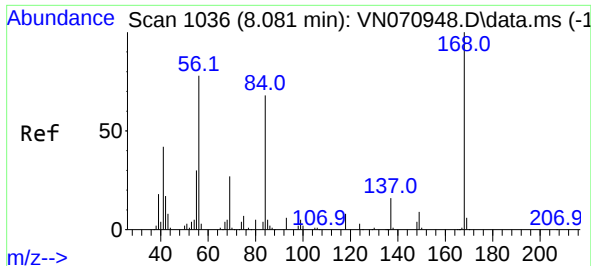
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

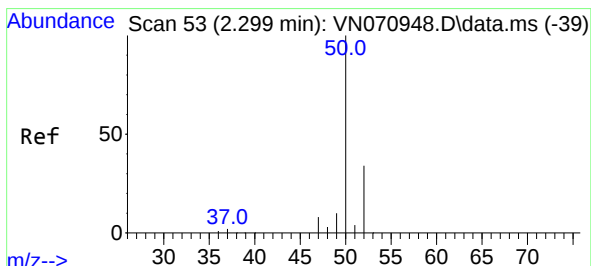
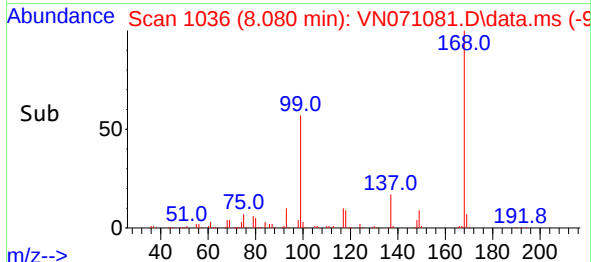
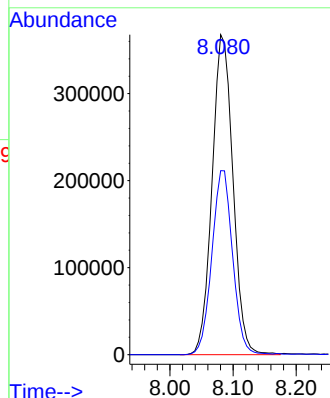
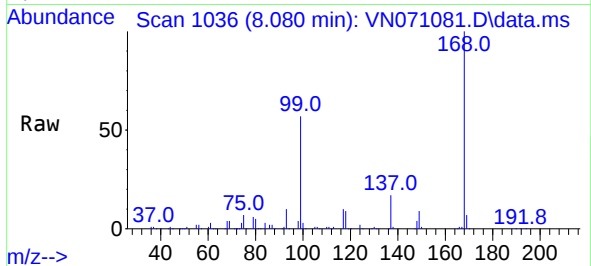




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

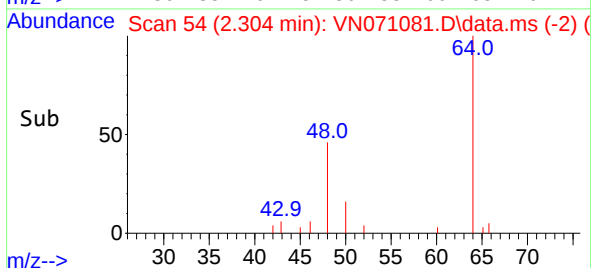
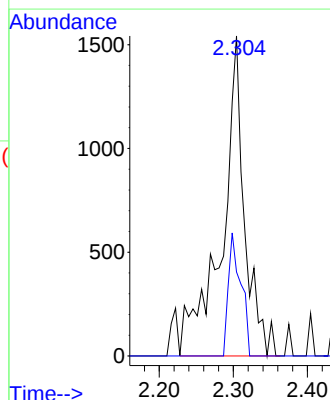
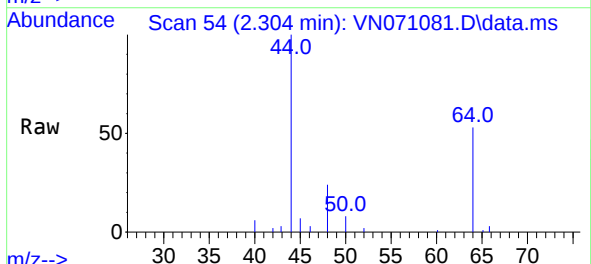
Instrument :
MSVOA_N
ClientSampleId :
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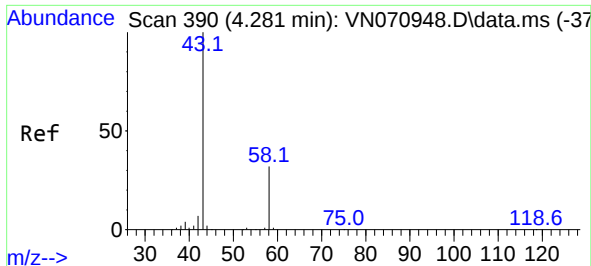
Tgt Ion:168 Resp: 844489
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#3
Chloromethane
Concen: 0.300 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 50 Resp: 3306
Ion Ratio Lower Upper
50 100
52 26.3 25.4 38.0

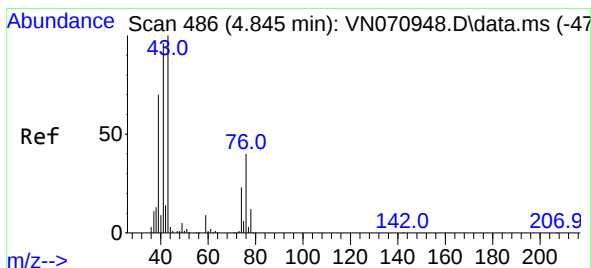
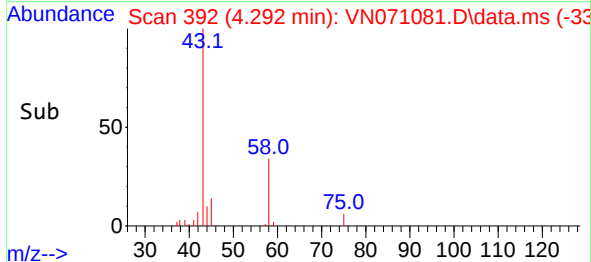
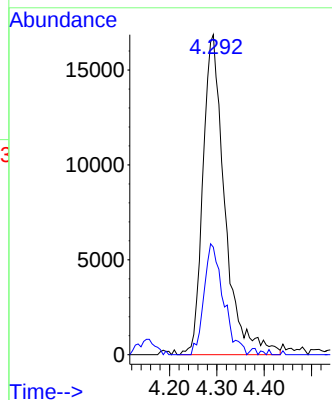
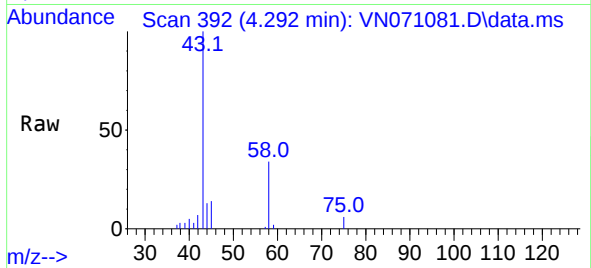




#16
Acetone
Concen: 10.202 ug/l
RT: 4.292 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

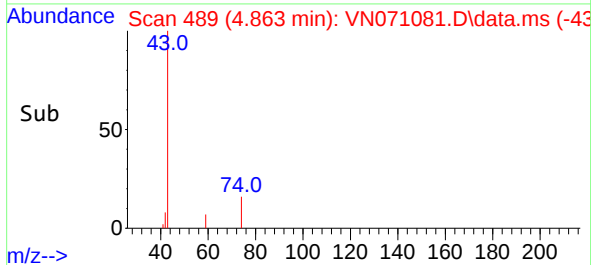
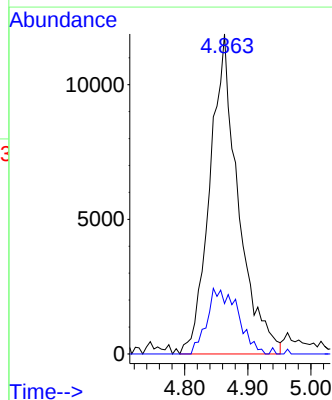
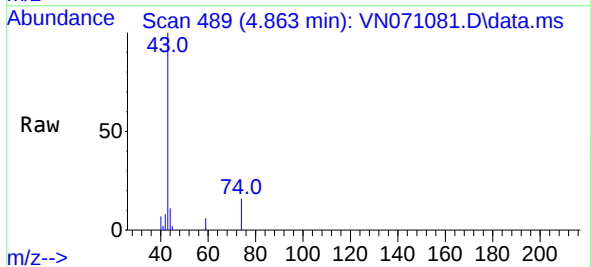
Instrument :
MSVOA_N
ClientSampleId :
TP-9

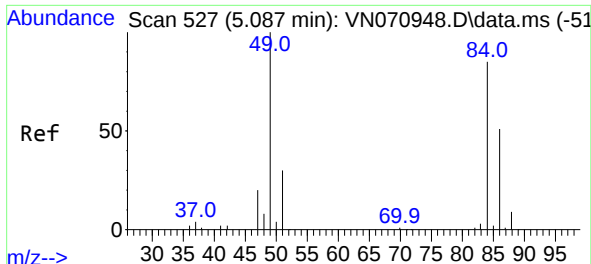
Tgt Ion: 43 Resp: 54199
Ion Ratio Lower Upper
43 100
58 33.6 23.1 34.7



#18
Methyl Acetate
Concen: 2.626 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 43 Resp: 37189
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2



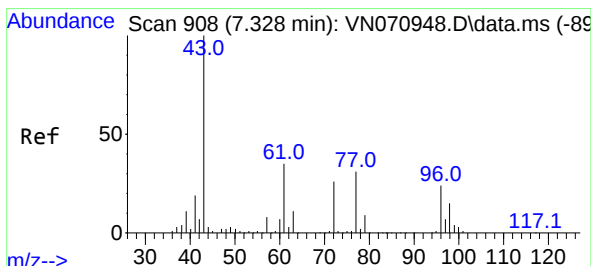
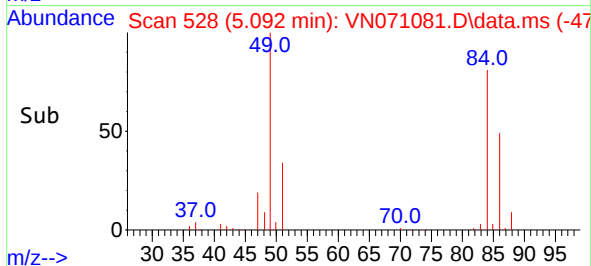
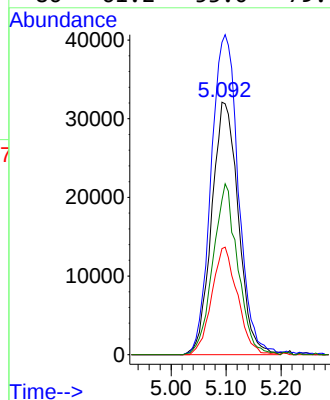
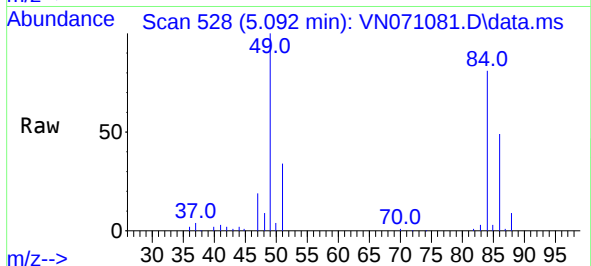


#20
Methylene Chloride
Concen: 11.207 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tgt Ion: 84 Resp: 108210

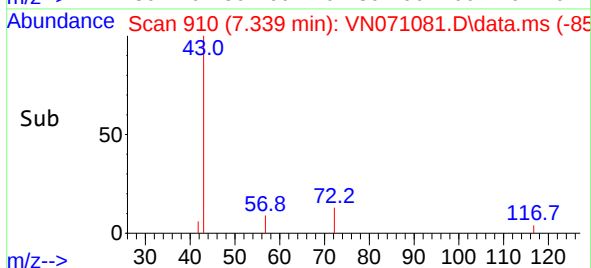
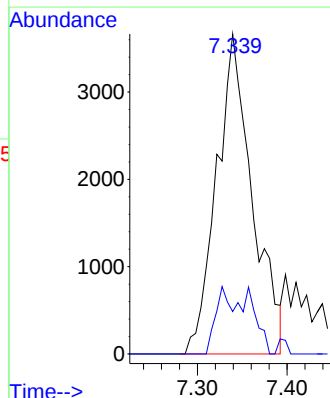
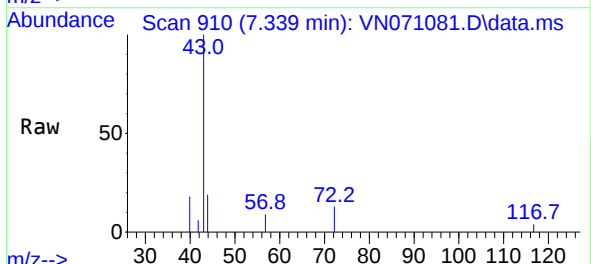
Ion	Ratio	Lower	Upper
84	100		
49	123.6	93.5	140.3
51	42.0	29.4	44.2
86	61.2	53.0	79.4

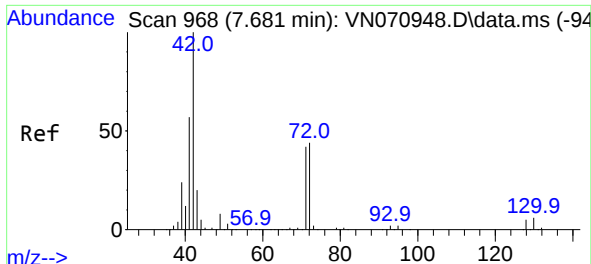


#25
2-Butanone
Concen: 1.434 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 43 Resp: 10133

Ion	Ratio	Lower	Upper
43	100		
72	13.3	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.443 ug/l

RT: 7.710 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071081.D

Acq: 25 Feb 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

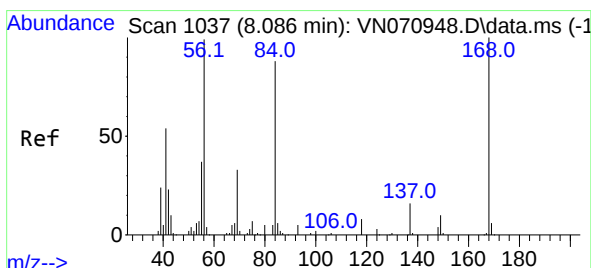
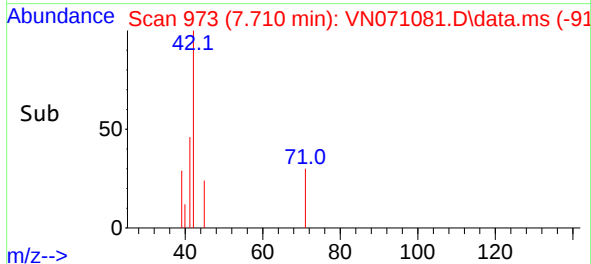
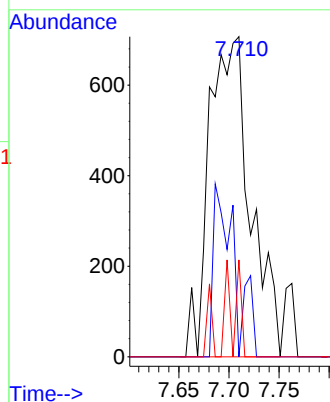
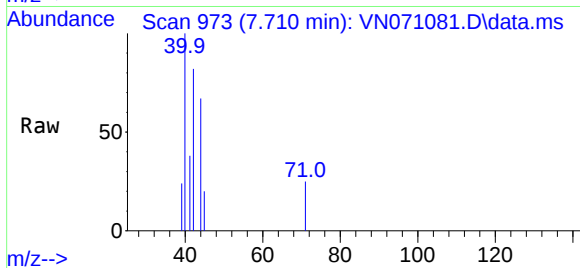
Tgt Ion: 42 Resp: 2029

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 7.4 34.7 52.1#



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VN071081.D

Acq: 25 Feb 2022 19:45

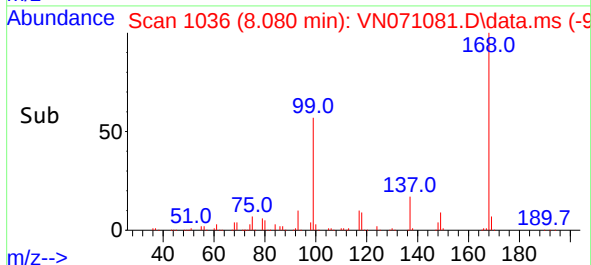
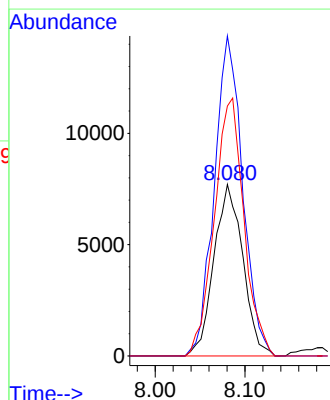
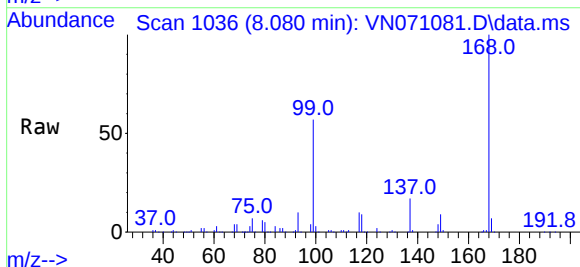
Tgt Ion: 56 Resp: 17231

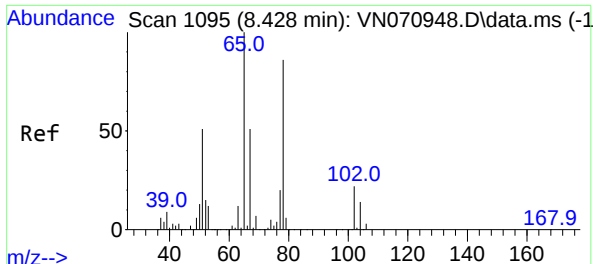
Ion Ratio Lower Upper

56 100

69 186.6 27.1 40.7#

84 145.7 73.4 110.0#

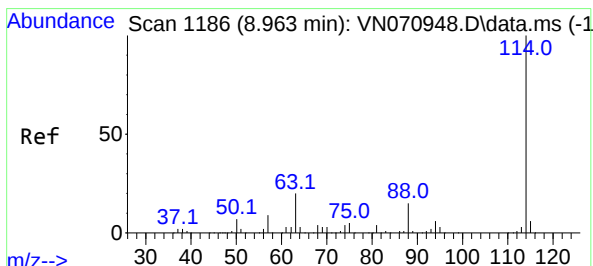
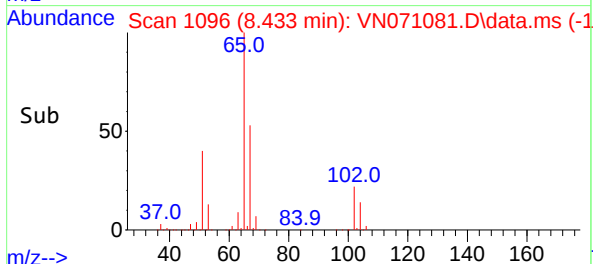
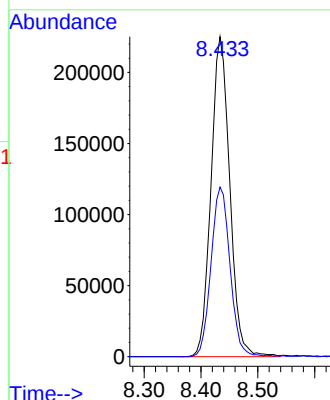
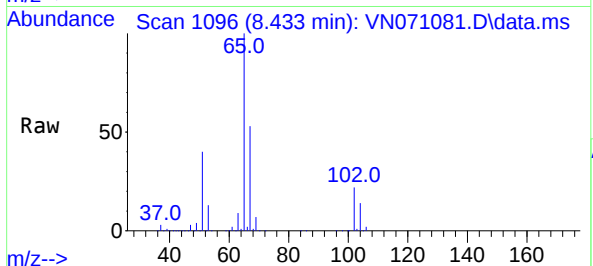




#33
1,2-Dichloroethane-d4
Concen: 53.384 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

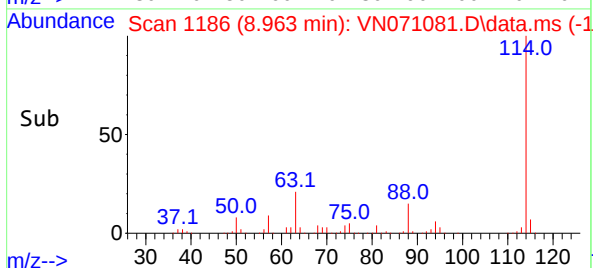
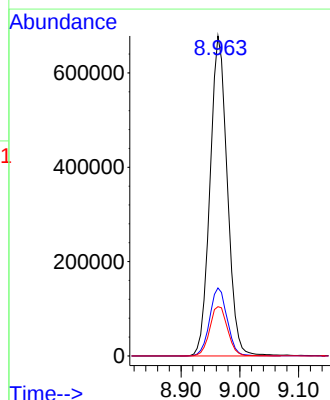
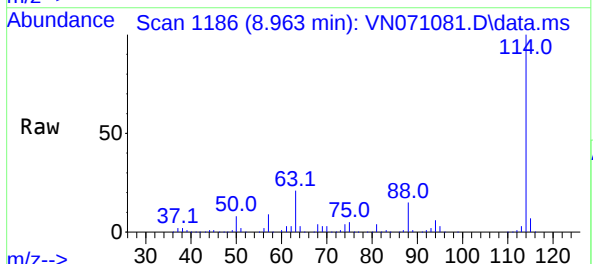
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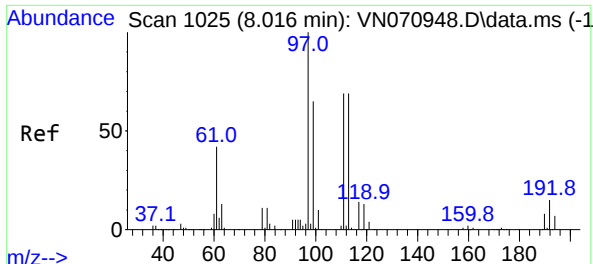
Tgt Ion: 65 Resp: 514983
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion:114 Resp: 1384687
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.4 0.0 27.4

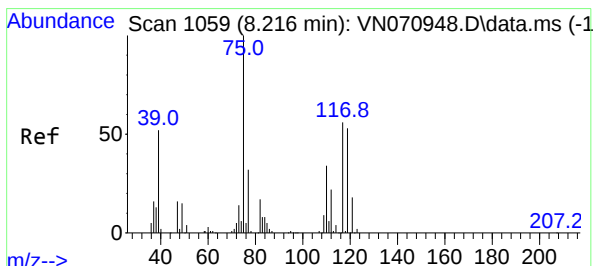
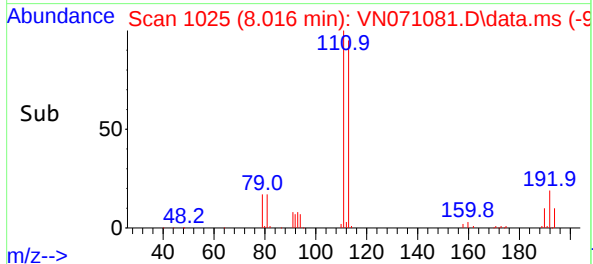
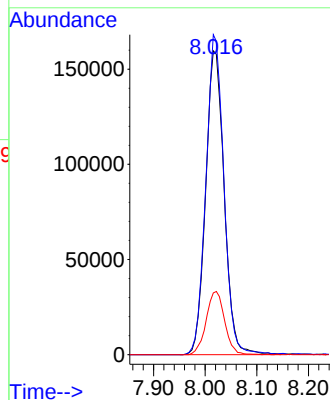
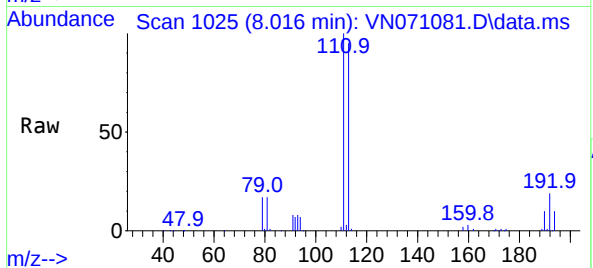




#35
Dibromofluoromethane
Concen: 48.246 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

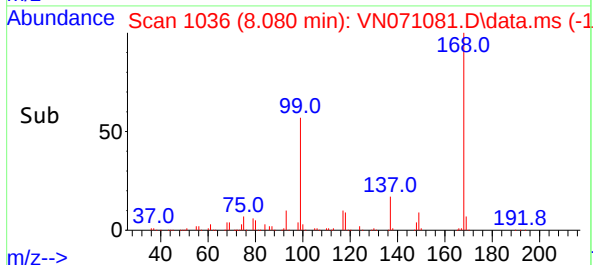
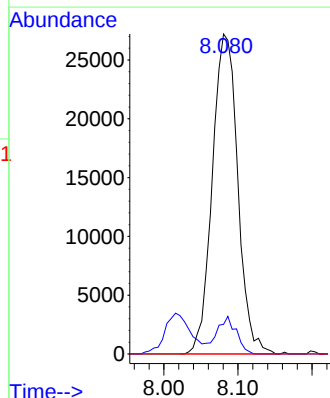
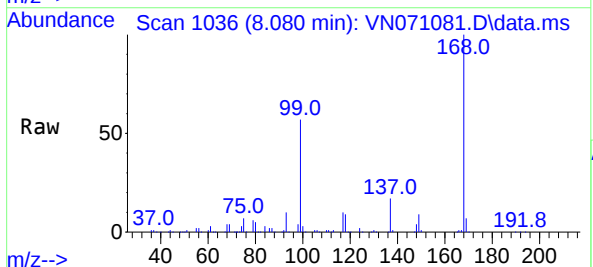
Instrument :
MSVOA_N
ClientSampleId :
TP-9

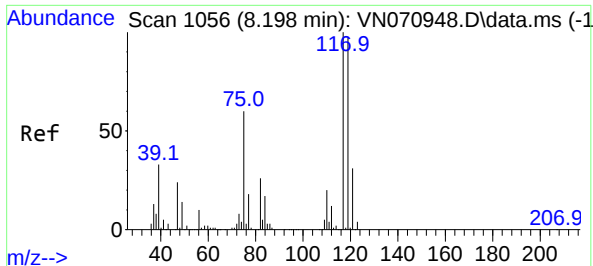
Tgt Ion:113 Resp: 397359
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 75 Resp: 65004
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#

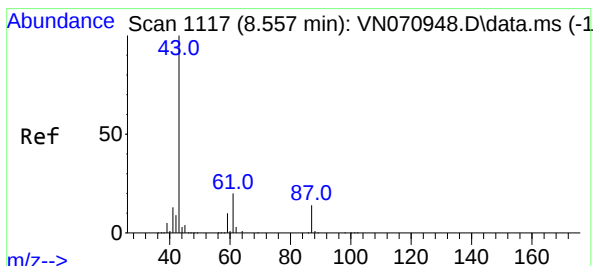
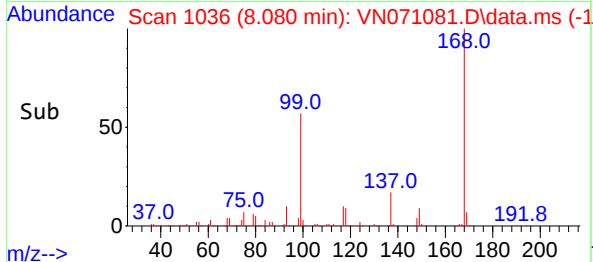
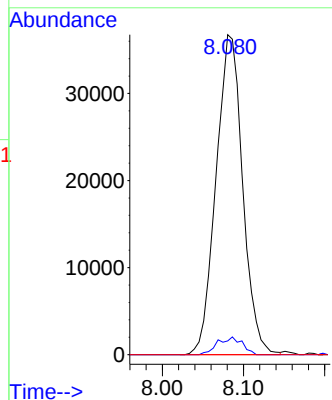
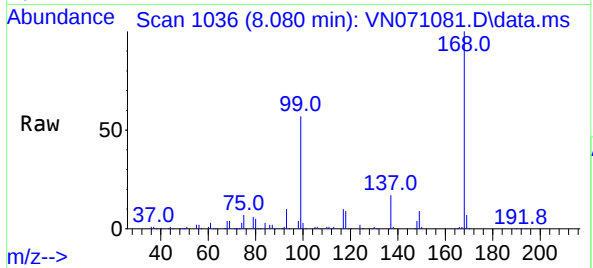




#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 8.080 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

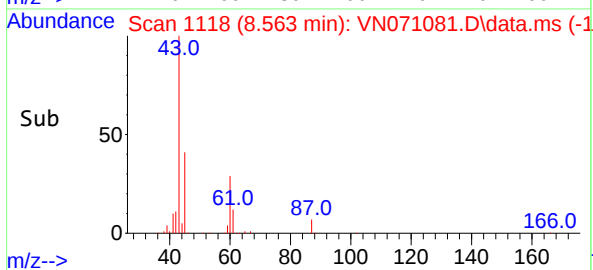
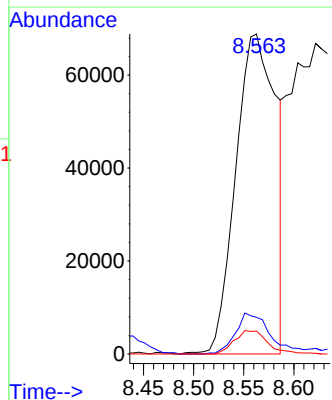
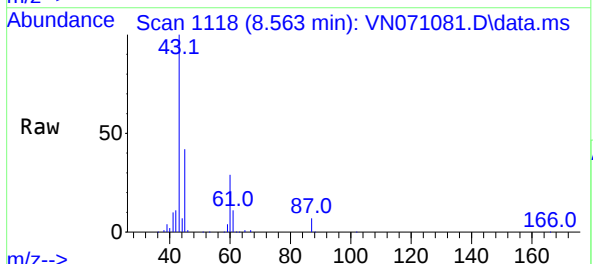
Instrument :
MSVOA_N
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TP-9

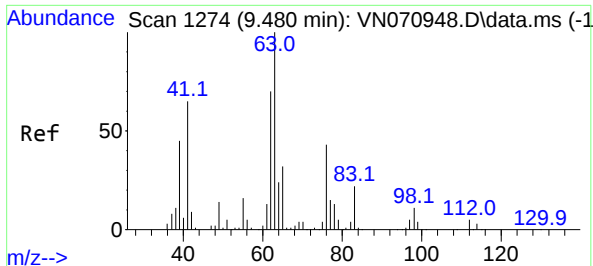
Tgt Ion:117 Resp: 83787
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 8.449 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 43 Resp: 192715
Ion Ratio Lower Upper
43 100
61 11.1 20.4 30.6#
87 6.0 11.2 16.8#

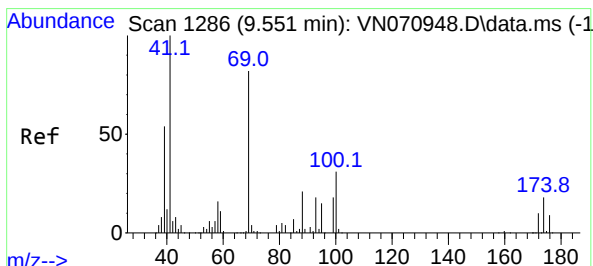
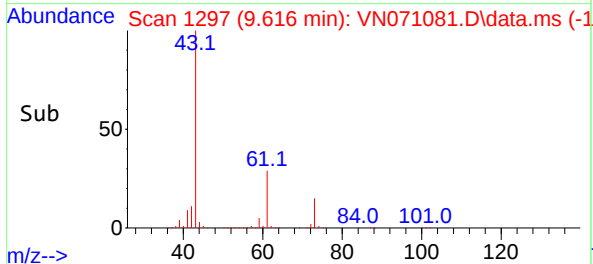
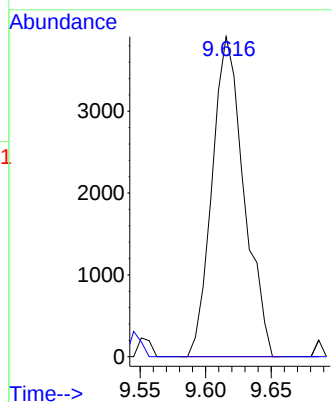
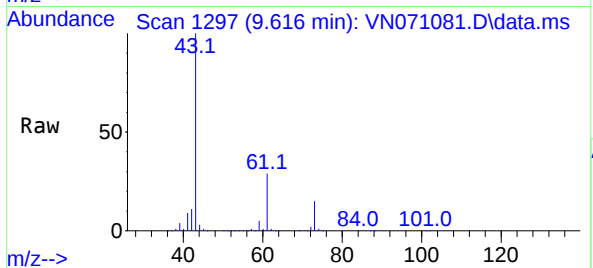




#45
1,2-Dichloropropane
Concen: 0.647 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.135 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

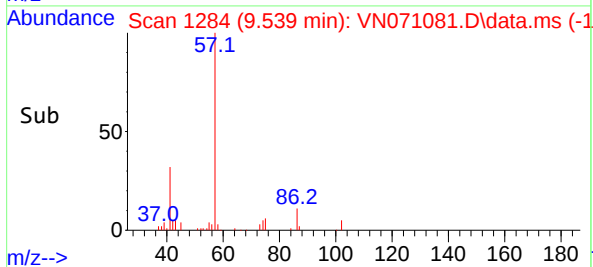
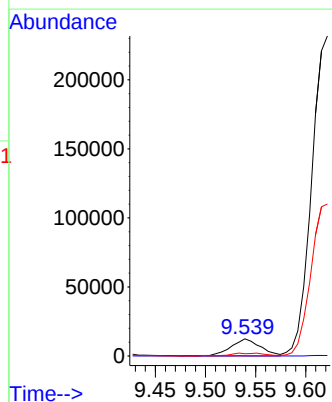
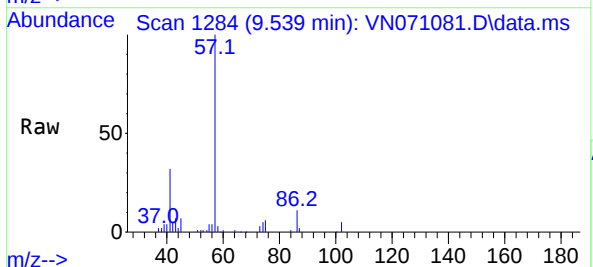
Instrument :
MSVOA_N
ClientSampleId :
TP-9

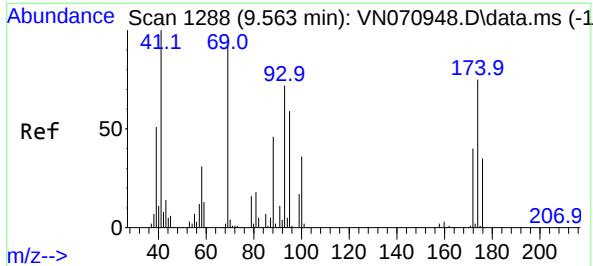
Tgt Ion: 63 Resp: 6616
Ion Ratio Lower Upper
63 100
65 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 2.348 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

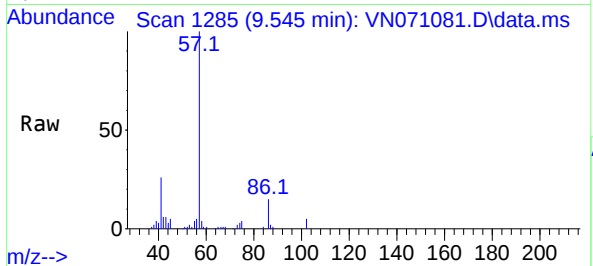
Tgt Ion: 41 Resp: 25355
Ion Ratio Lower Upper
41 100
69 0.2 72.4 108.6#
39 0.0 58.4 87.6#



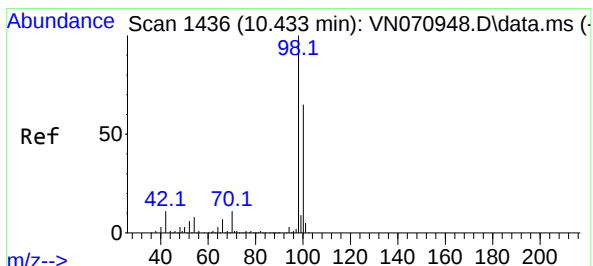
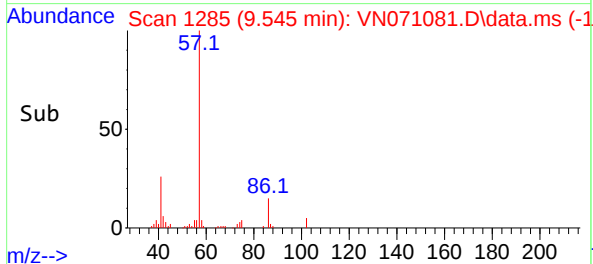
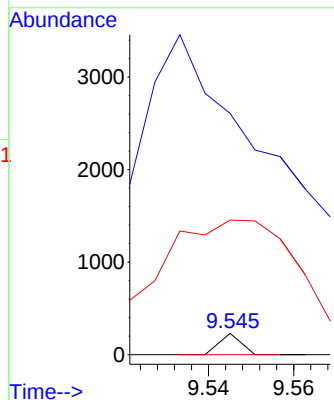


#49
1,4-Dioxane
Concen: 0.422 ug/l
RT: 9.545 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
TP-9

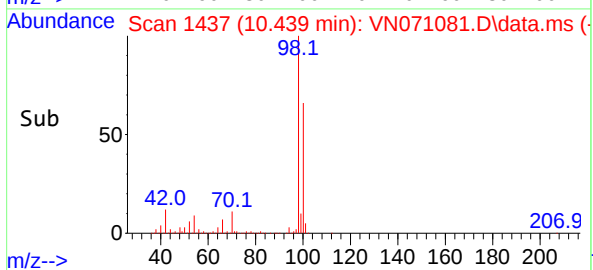
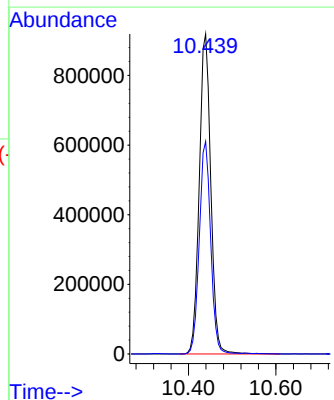
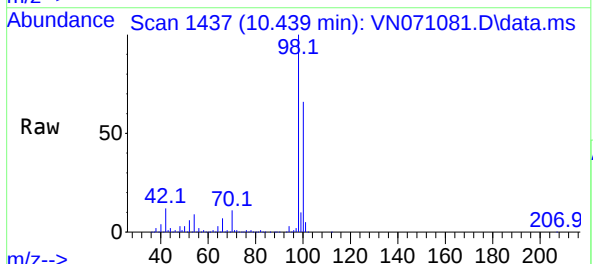


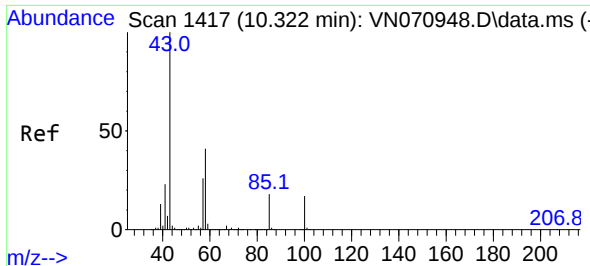
Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 4445.7 50.6 75.8#



#50
Toluene-d8
Concen: 50.960 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 98 Resp: 1685544
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

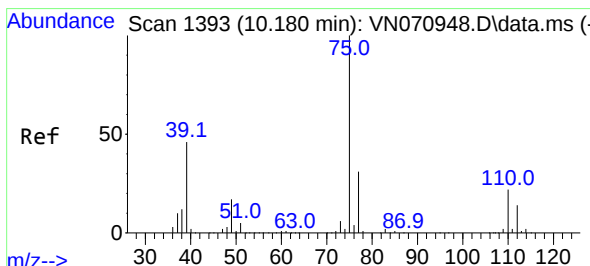
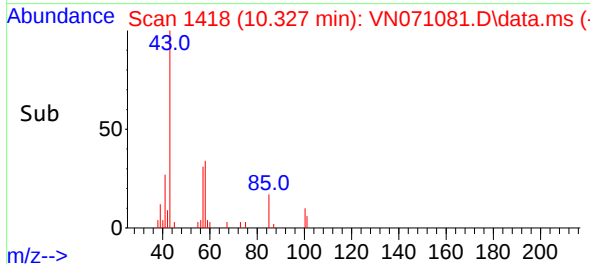
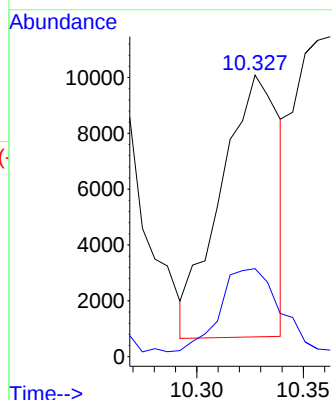
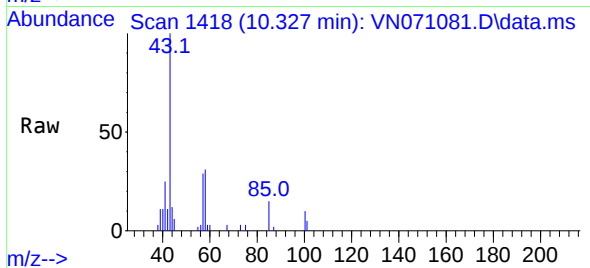




#51
4-Methyl-2-Pentanone
Concen: 1.291 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

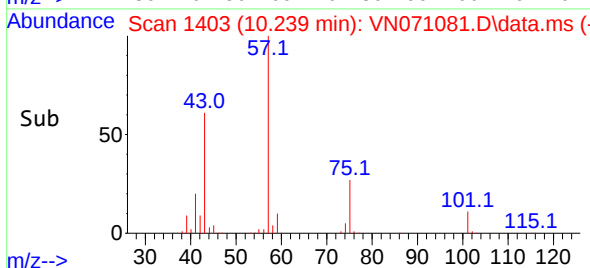
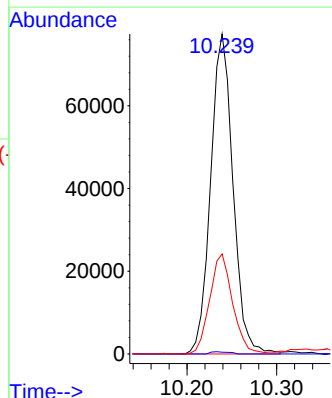
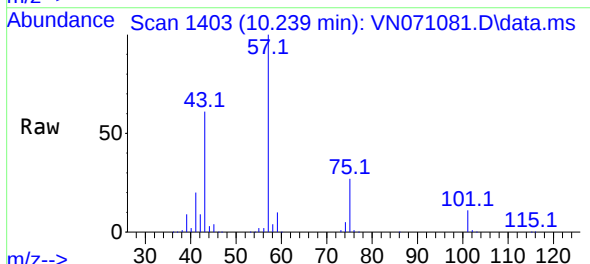
Instrument :
MSVOA_N
ClientSampleId :
TP-9

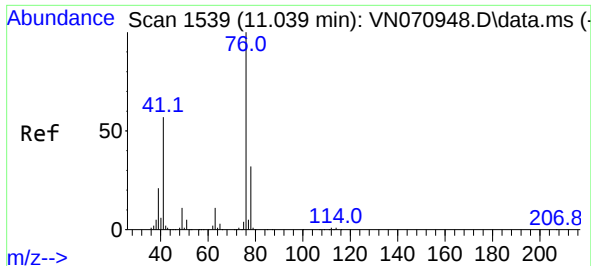
Tgt Ion: 43 Resp: 17914
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6



#54
cis-1,3-Dichloropropene
Concen: 8.246 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.059 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 75 Resp: 133908
Ion Ratio Lower Upper
75 100
77 0.6 26.4 39.6#
39 31.2 42.5 63.7#





#57

1,3-Dichloropropane

Concen: 4.458 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.047 min

Lab File: VN071081.D

Acq: 25 Feb 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

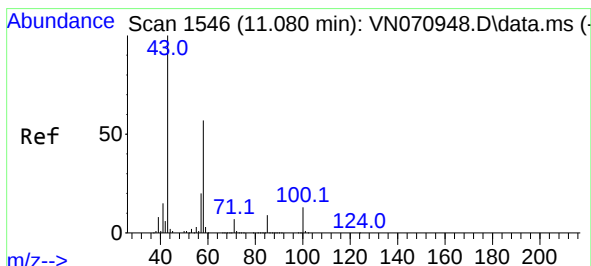
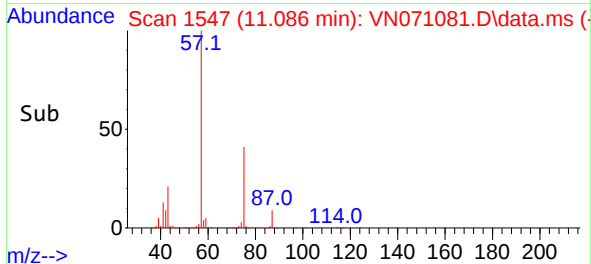
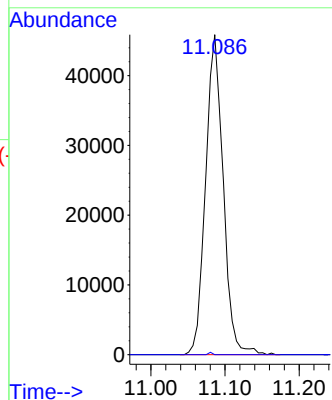
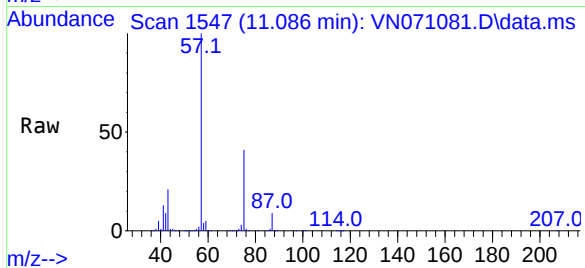
TP-9

Tgt Ion: 76 Resp: 75699

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 122.424 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071081.D

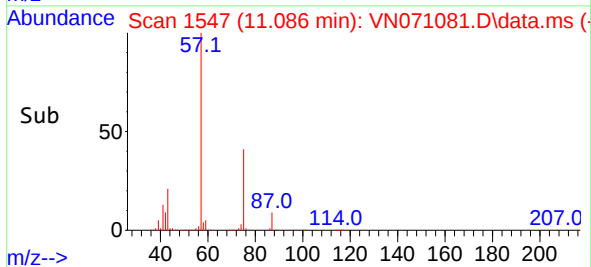
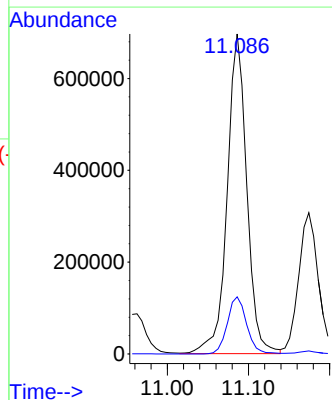
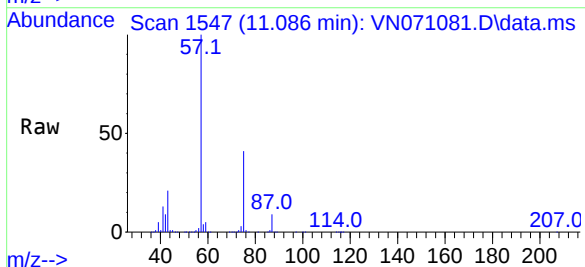
Acq: 25 Feb 2022 19:45

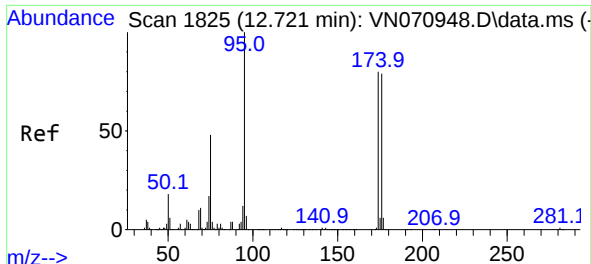
Tgt Ion: 43 Resp: 1168515

Ion Ratio Lower Upper

43 100

58 17.7 26.9 80.7#



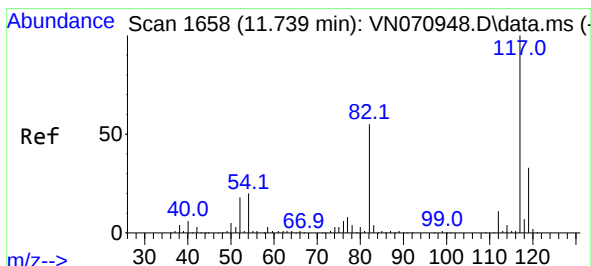
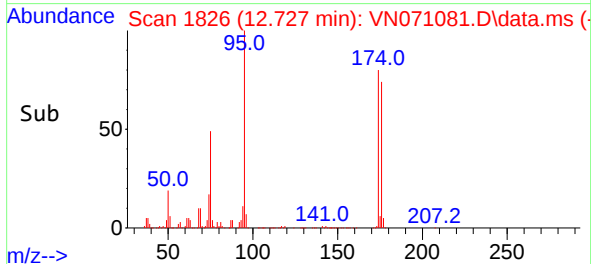
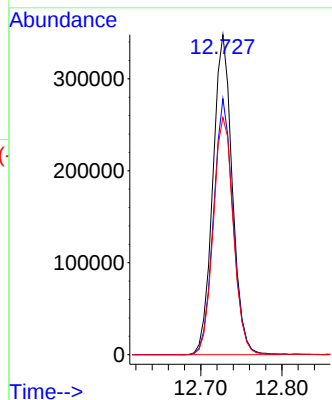
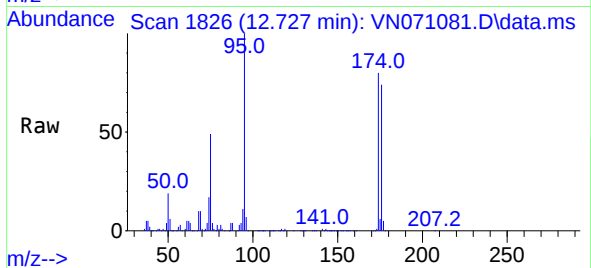


#62
4-Bromofluorobenzene
Concen: 48.877 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tgt Ion: 95 Resp: 577853

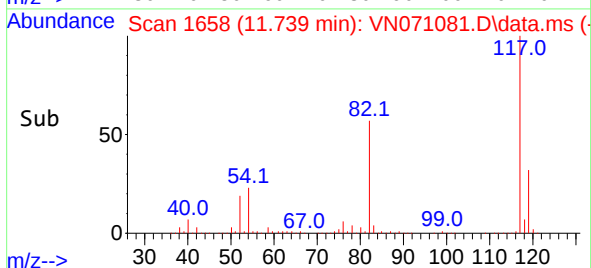
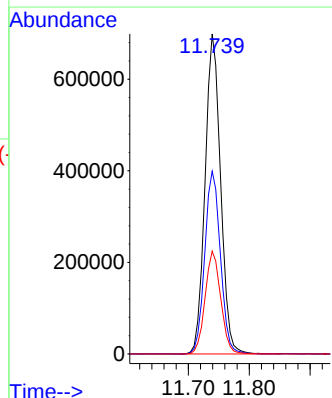
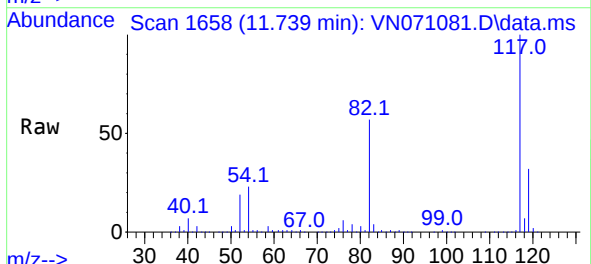
Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	187.2
176	76.7	0.0	181.4

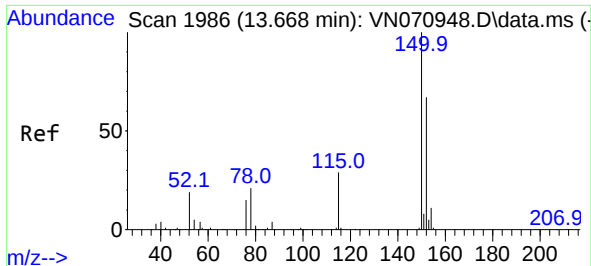


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 117 Resp: 1238623

Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	32.1	25.4	38.2

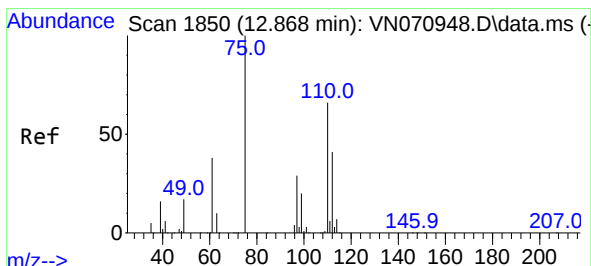
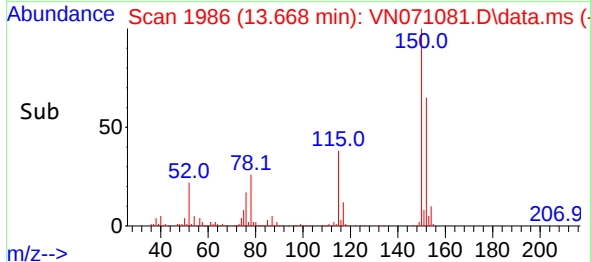
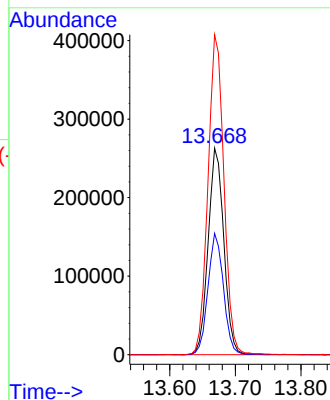
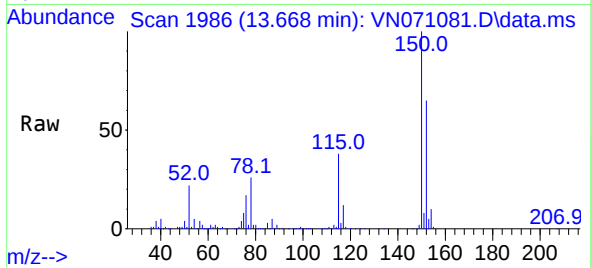




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

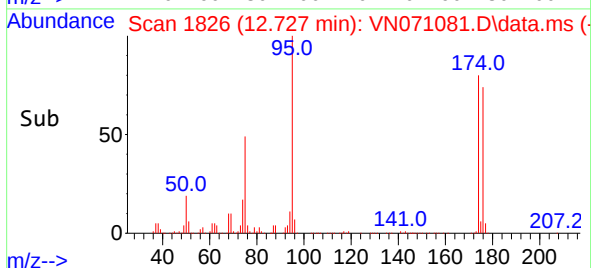
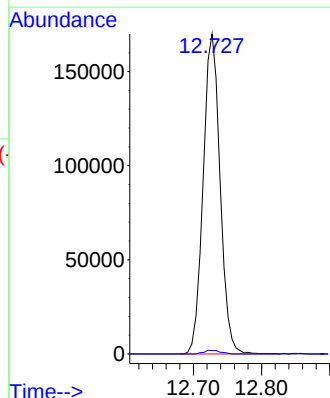
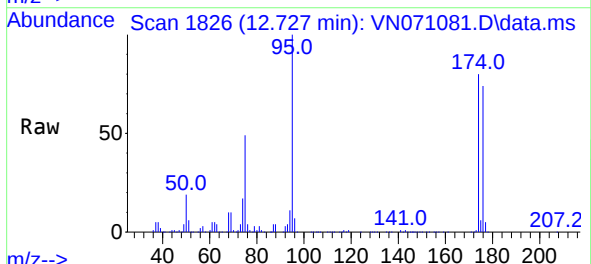
Instrument :
MSVOA_N
ClientSampleId :
TP-9

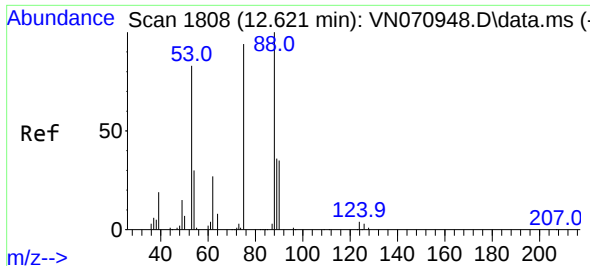
Tgt Ion:152 Resp: 437875
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 157.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 28.424 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 75 Resp: 293050
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

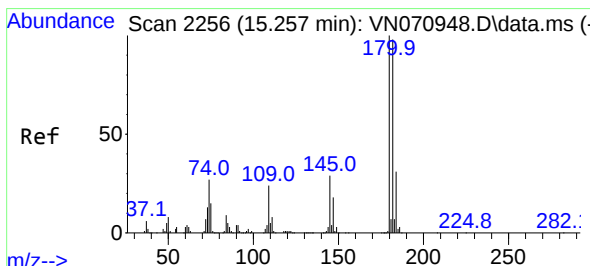
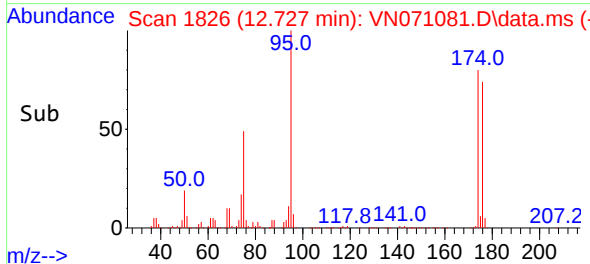
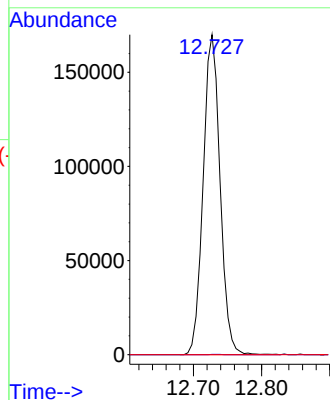
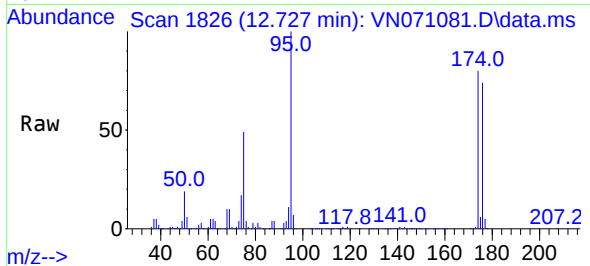




#81
trans-1,4-Dichloro-2-butene
Concen: 92.108 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

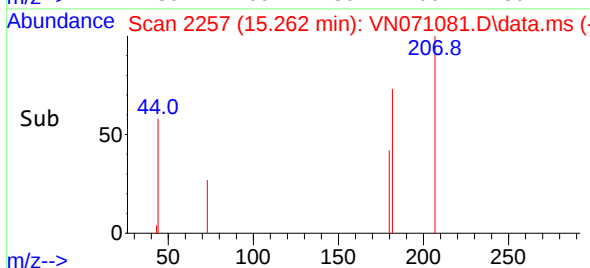
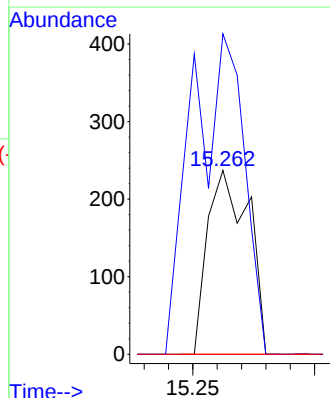
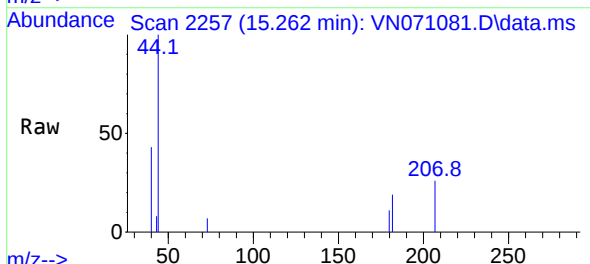
Instrument :
MSVOA_N
ClientSampleId :
TP-9

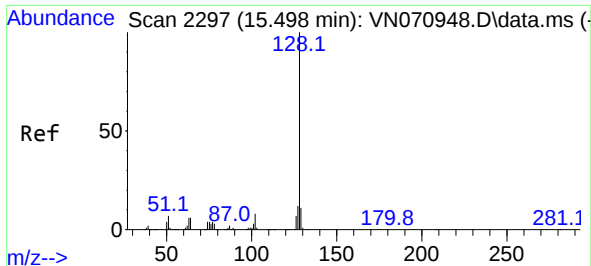
Tgt Ion: 75 Resp: 293050
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 2.032 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.005 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion: 180 Resp: 278
Ion Ratio Lower Upper
180 100
182 219.8 48.3 144.9#
145 0.0 14.5 43.5#

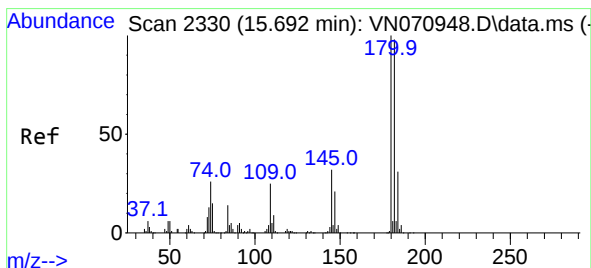
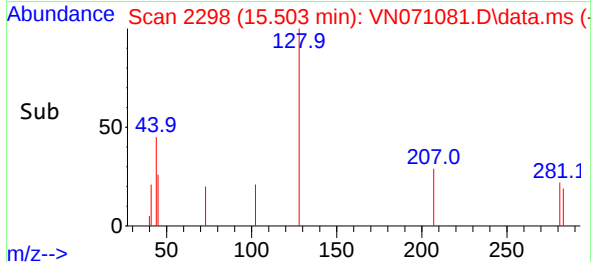
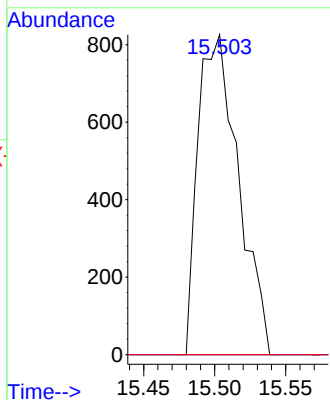
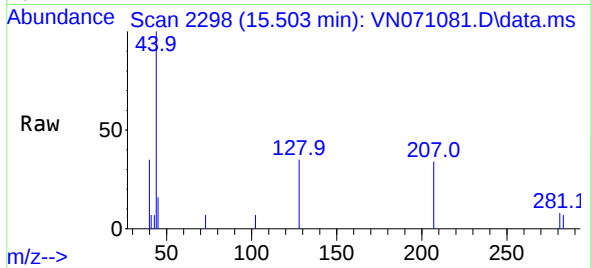




#95
Naphthalene
Concen: 5.065 ug/l
RT: 15.503 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tgt Ion:128 Resp: 1632
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.541 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071081.D
Acq: 25 Feb 2022 19:45

Tgt Ion:180 Resp: 198
Ion Ratio Lower Upper
180 100
182 183.8 47.4 142.2#
145 33.3 15.0 45.1

