

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021622\
 Data File : VN070962.D
 Acq On : 16 Feb 2022 17:02
 Operator : JC\MD
 Sample : N1573-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26R

Quant Time: Feb 17 04:12:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

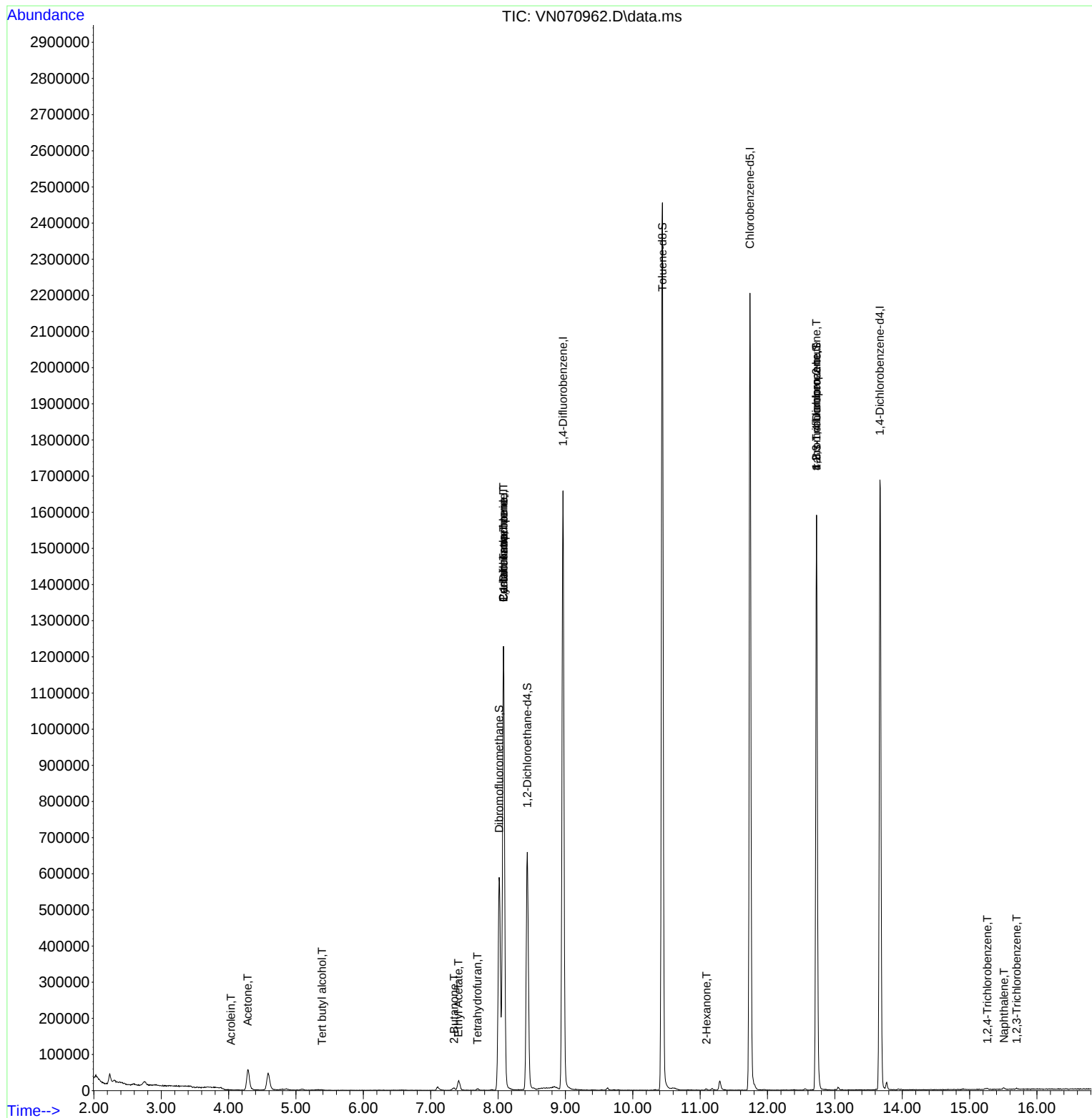
Internal Standards						
1) Pentafluorobenzene	8.081	168	963147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1476110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1312817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	501834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	542085	49.271	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.540%	
35) Dibromofluoromethane	8.016	113	437856	49.870	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.740%	
50) Toluene-d8	10.439	98	1752724	49.709	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.420%	
62) 4-Bromofluorobenzene	12.727	95	557303	44.219	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	88.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.387	59	1907	0.951	ug/l #	71
13) Acrolein	4.034	56	592	0.330	ug/l #	61
16) Acetone	4.281	43	102626	16.937	ug/l	95
18) Methyl Acetate	4.857	43	6770	Below Cal		91
25) 2-Butanone	7.345	43	9652	1.197	ug/l #	88
29) Tetrahydrofuran	7.692	42	2875	0.551	ug/l #	68
31) Cyclohexane	8.081	56	18250	0.959	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	69177	4.809	ug/l #	50
37) Ethyl Acetate	7.410	43	43556	2.823	ug/l	99
38) Carbon Tetrachloride	8.081	117	89941	6.346	ug/l #	16
59) 2-Hexanone	11.092	43	3327	0.327	ug/l	75
76) 1,2,3-Trichloropropane	12.727	75	279861	23.685	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	279861	76.752	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.262	180	1471	2.152	ug/l	89
95) Naphthalene	15.509	128	5121	5.195	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	1262	2.657	ug/l	87

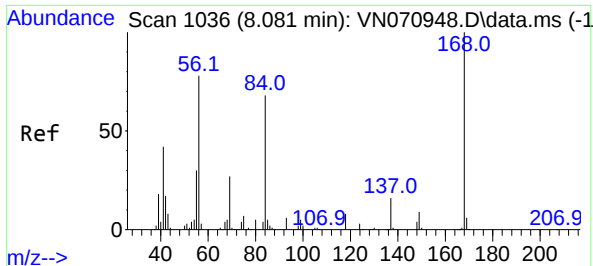
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
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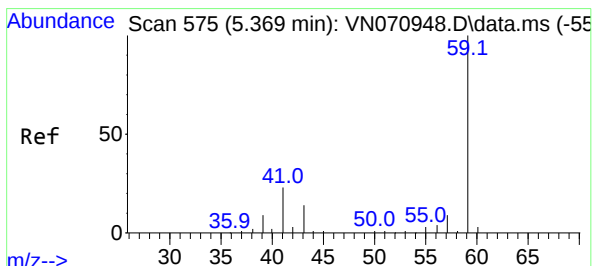
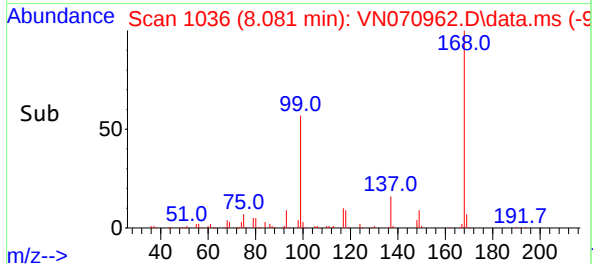
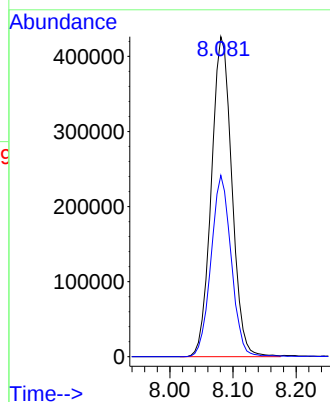
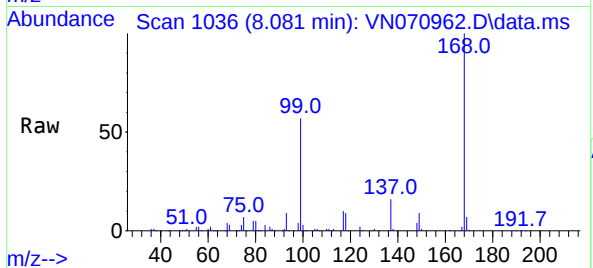




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

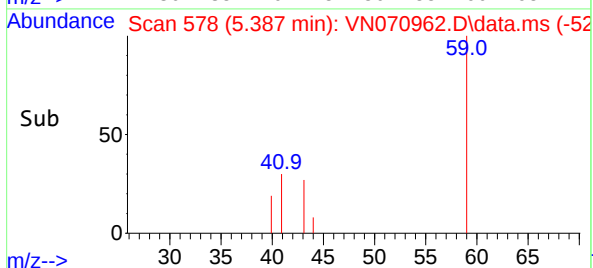
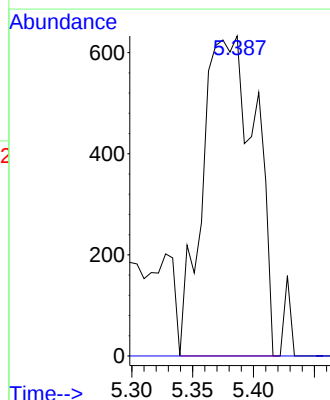
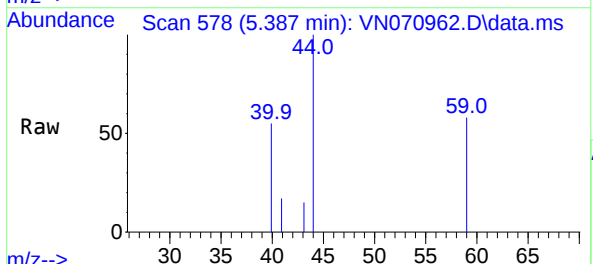
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

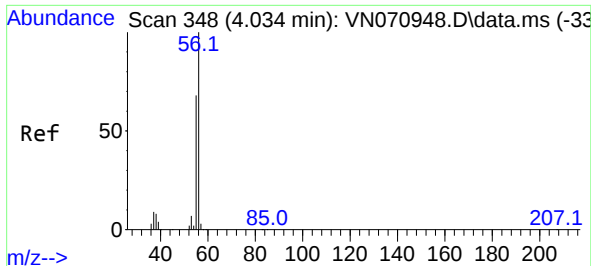
Tgt Ion:168 Resp: 963147
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 0.951 ug/l
RT: 5.387 min Scan# 578
Delta R.T. 0.018 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 59 Resp: 1907
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

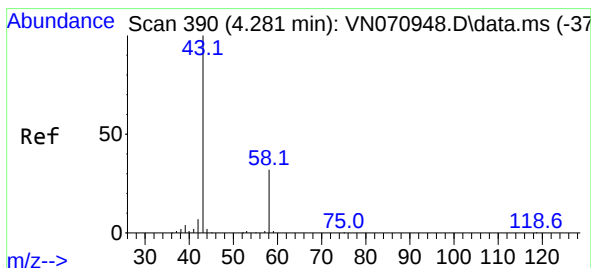
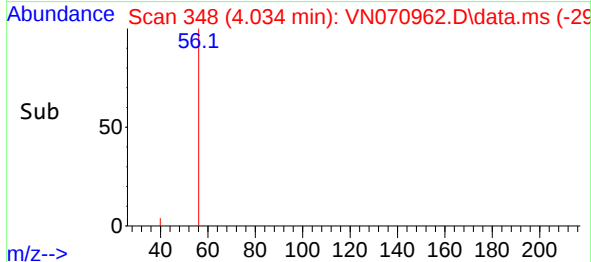
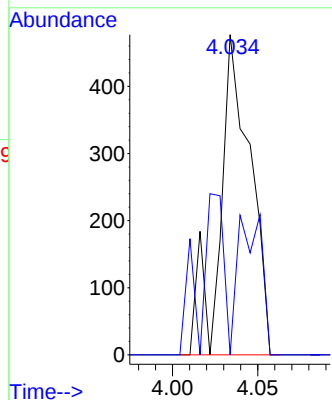
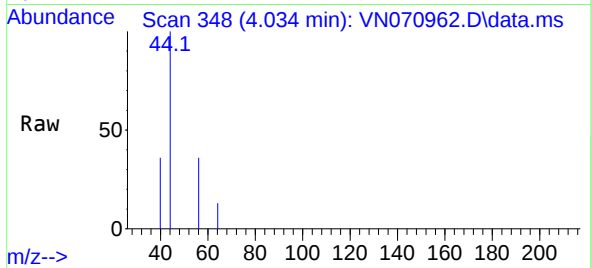




#13
Acrolein
Concen: 0.330 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

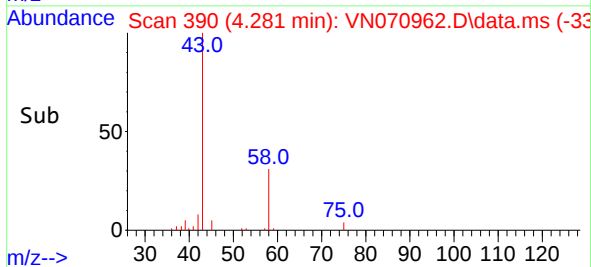
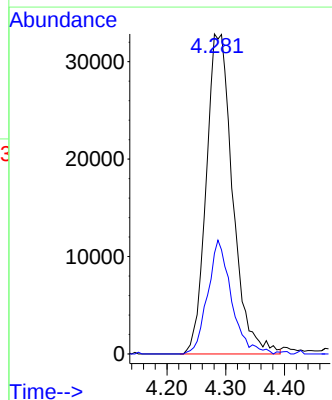
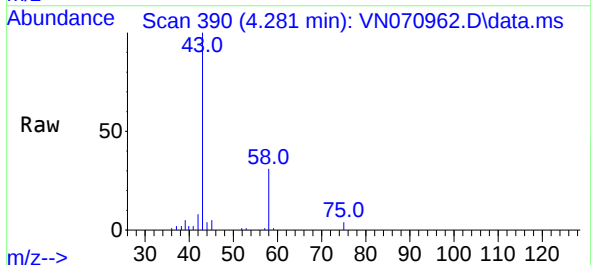
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

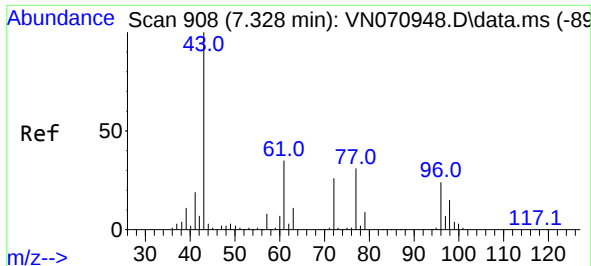
Tgt Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
55 38.7 56.6 85.0#



#16
Acetone
Concen: 16.937 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 43 Resp: 102626
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7

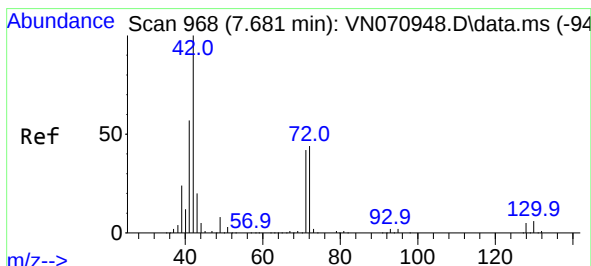
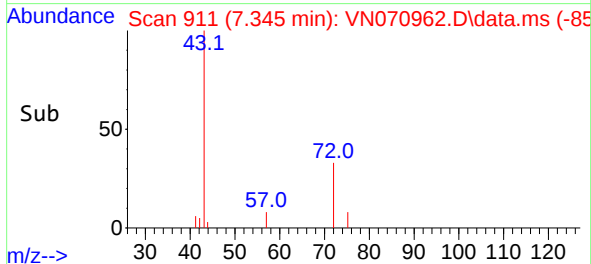
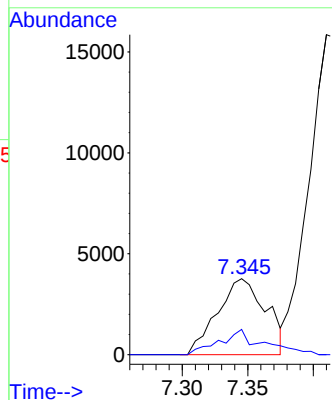
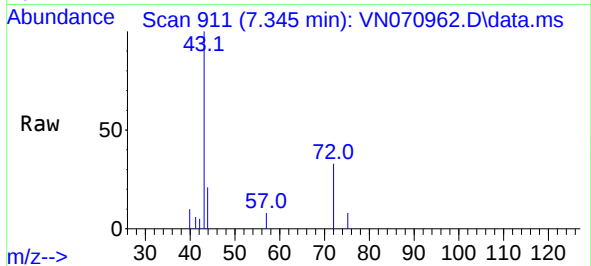




#25
2-Butanone
Concen: 1.197 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.018 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

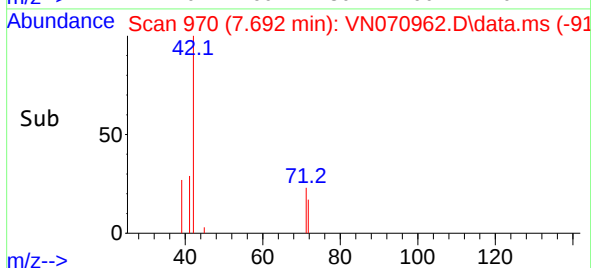
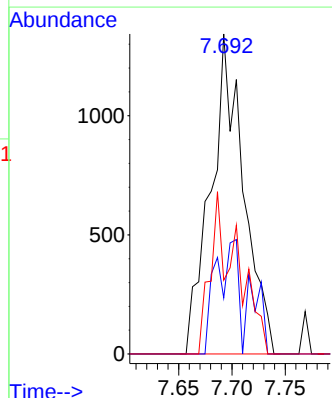
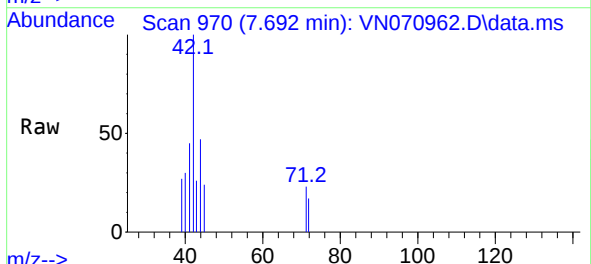
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

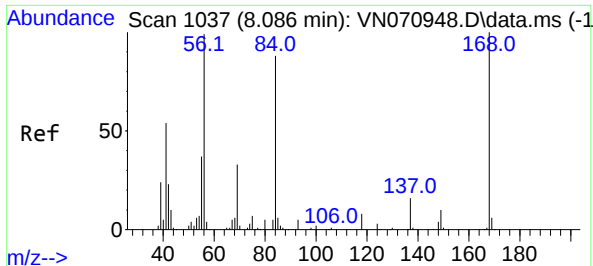
Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
72 33.3 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.551 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.012 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 42 Resp: 2875
Ion Ratio Lower Upper
42 100
72 23.6 36.3 54.5#
71 24.1 34.7 52.1#

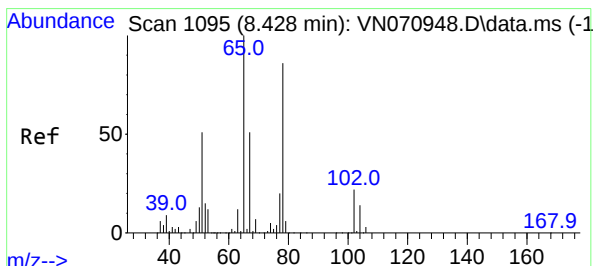
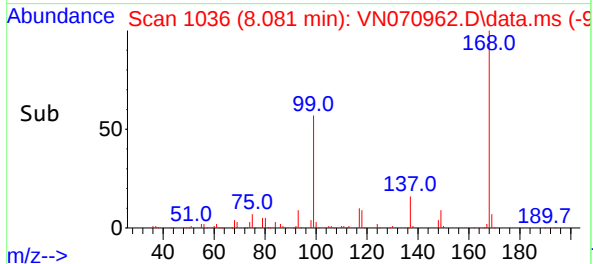
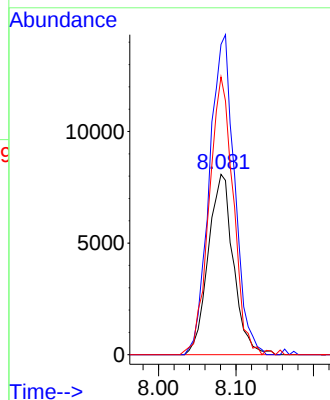
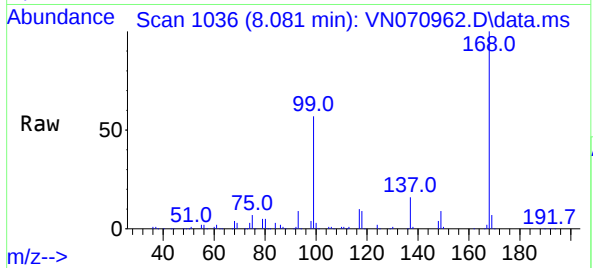




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

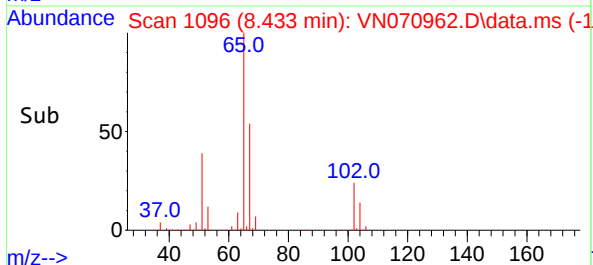
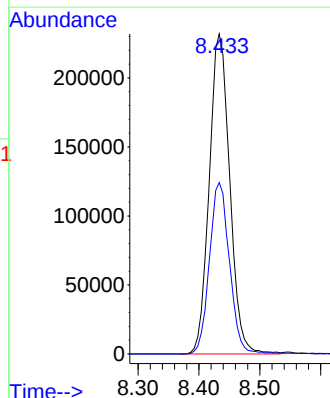
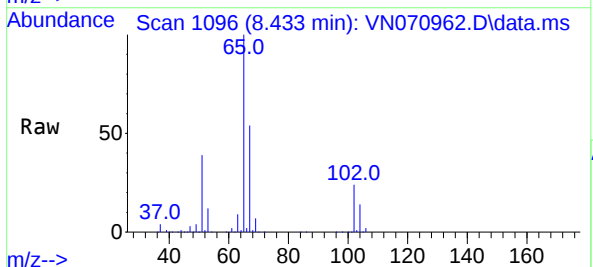
Instrument :
MSVOA_N
ClientSampleId :
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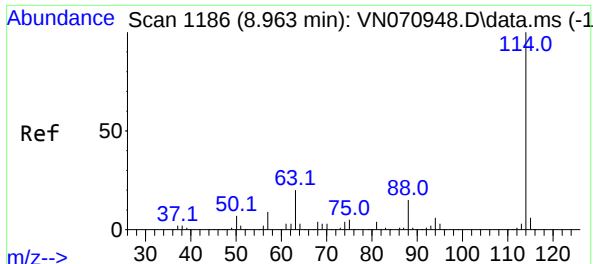
Tgt Ion: 56 Resp: 18250
Ion Ratio Lower Upper
56 100
69 172.0 27.1 40.7#
84 154.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.271 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 65 Resp: 542085
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

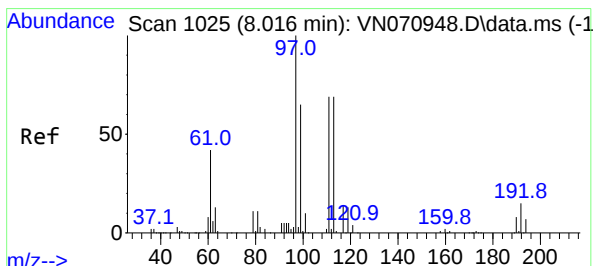
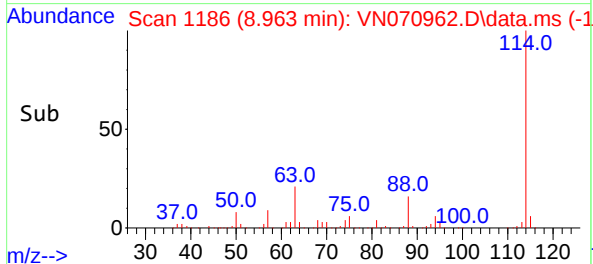
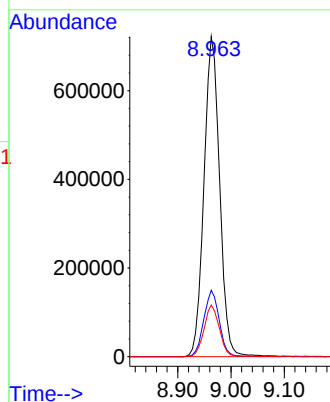
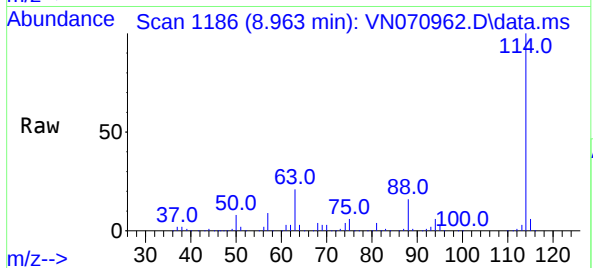




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

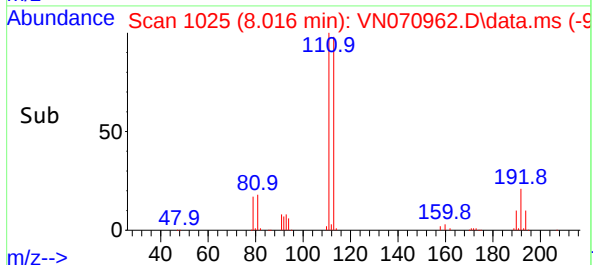
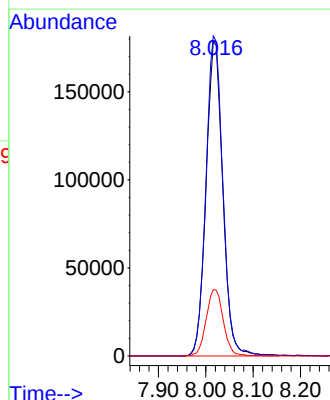
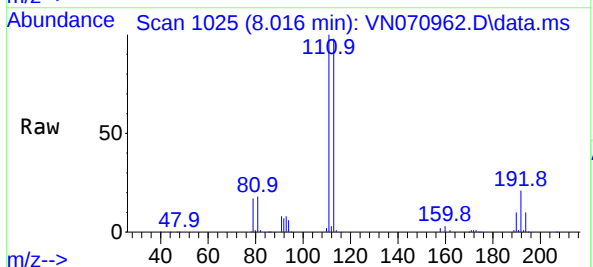
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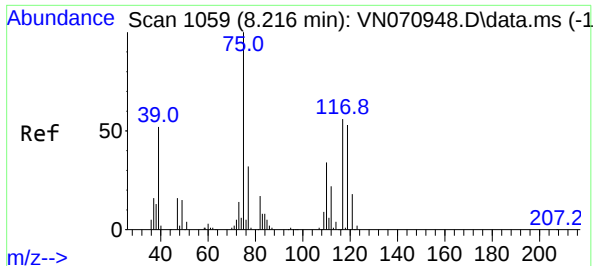
Tgt Ion:114 Resp: 1476110
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.870 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion:113 Resp: 437856
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.5 16.9 25.3

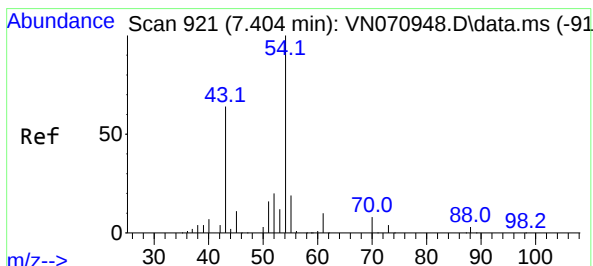
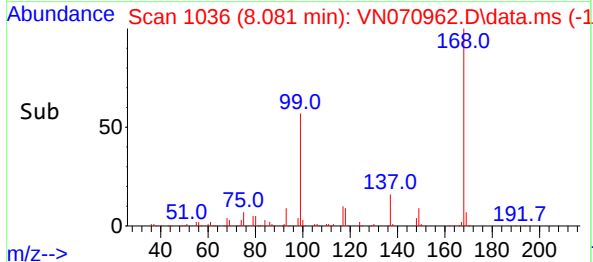
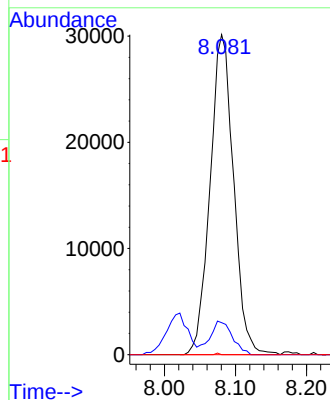
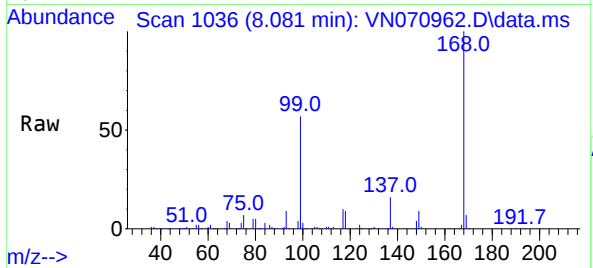




#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

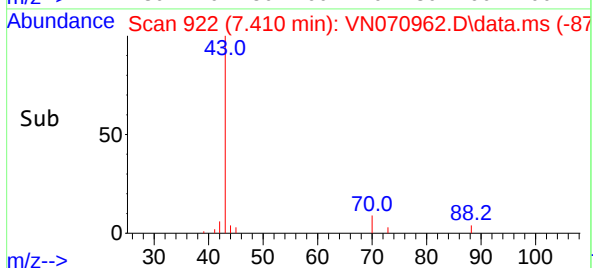
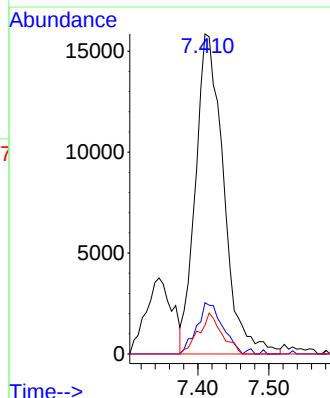
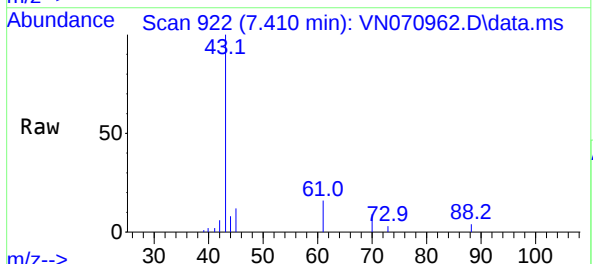
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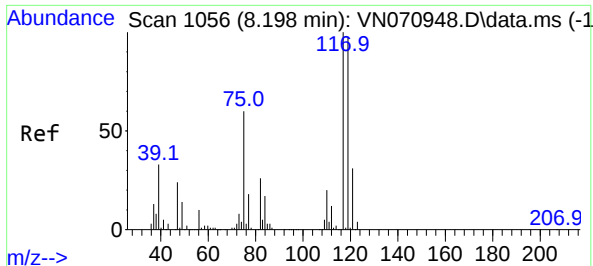
Tgt Ion: 75 Resp: 69177
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.823 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 43 Resp: 43556
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 10.5 7.9 11.9

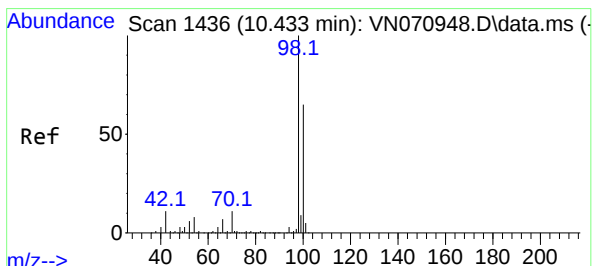
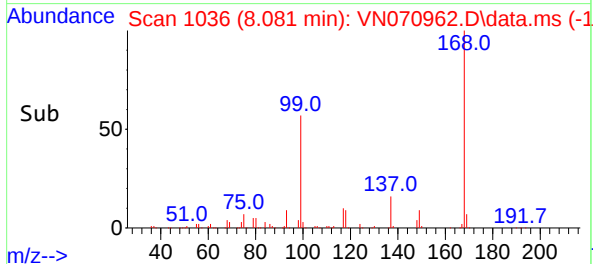
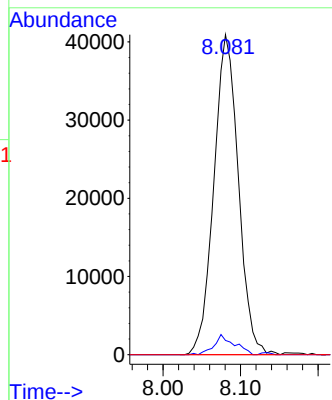
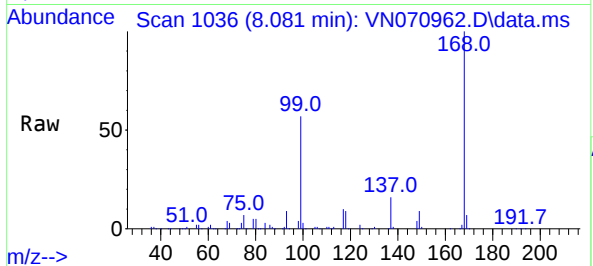




#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.118 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

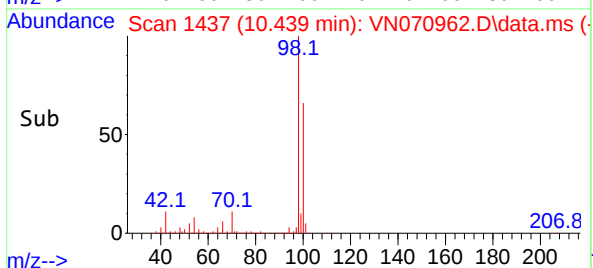
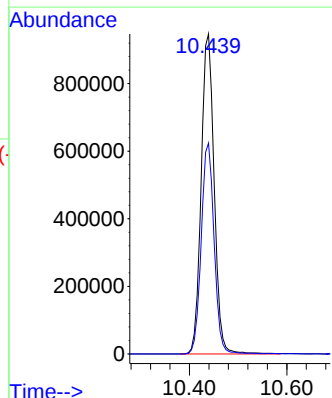
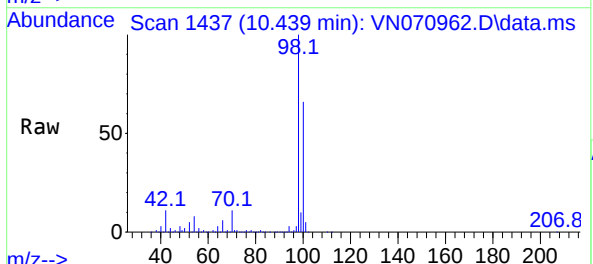
Instrument :
MSVOA_N
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MW-26R

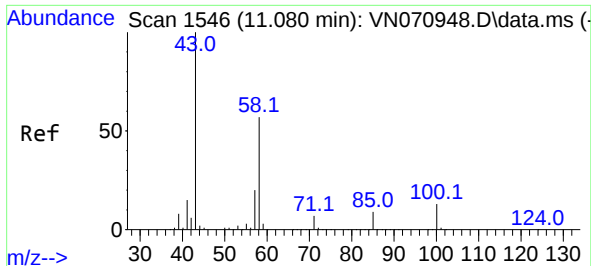
Tgt Ion:117 Resp: 89941
Ion Ratio Lower Upper
117 100
119 4.4 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.709 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 98 Resp: 1752724
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6

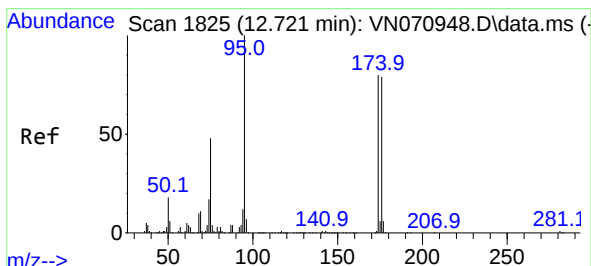
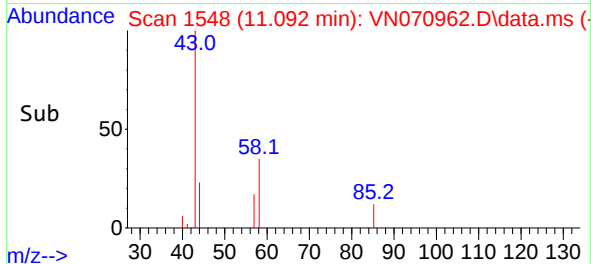
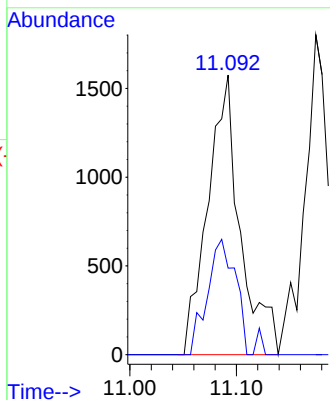
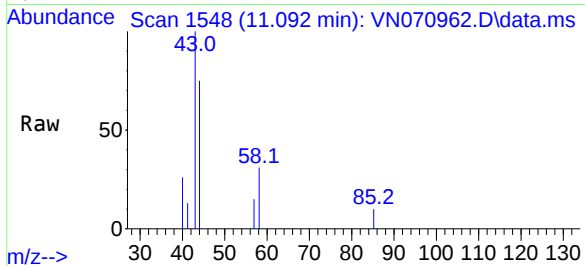




#59
2-Hexanone
Concen: 0.327 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

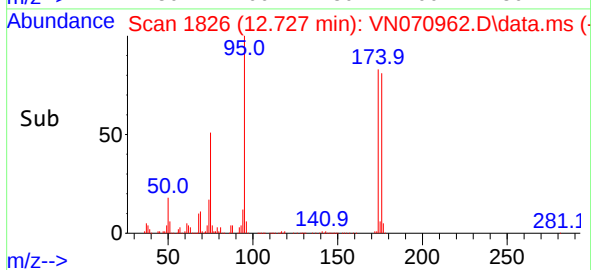
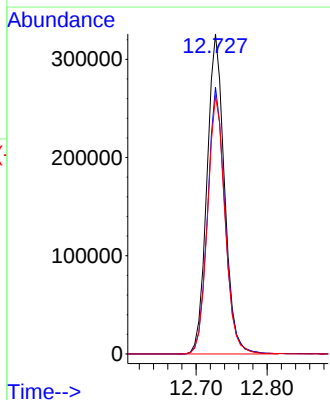
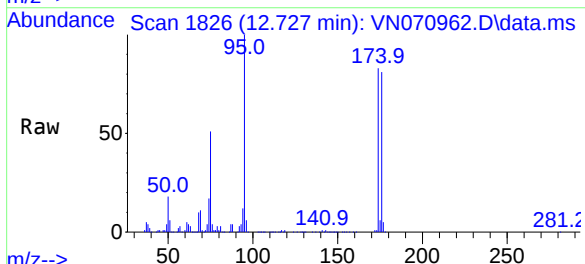
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

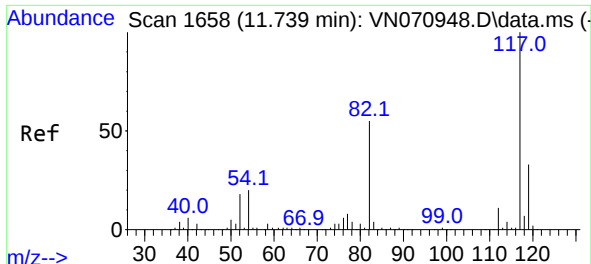
Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
58 35.8 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 95 Resp: 557303
Ion Ratio Lower Upper
95 100
174 82.7 0.0 187.2
176 80.4 0.0 181.4

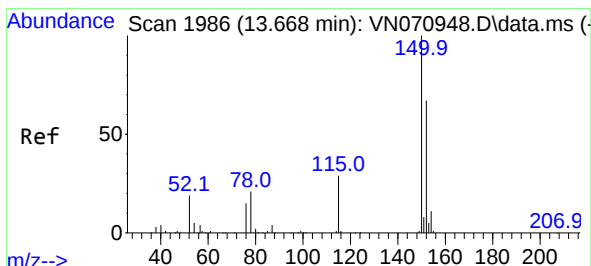
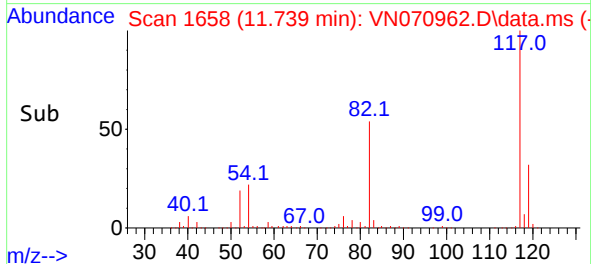
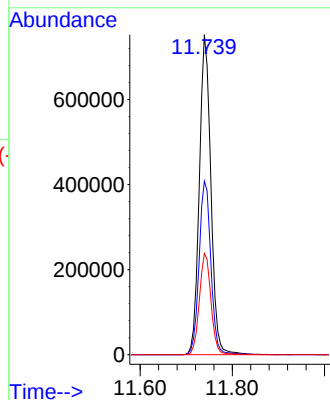
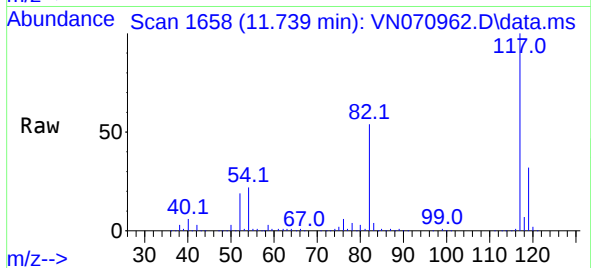




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

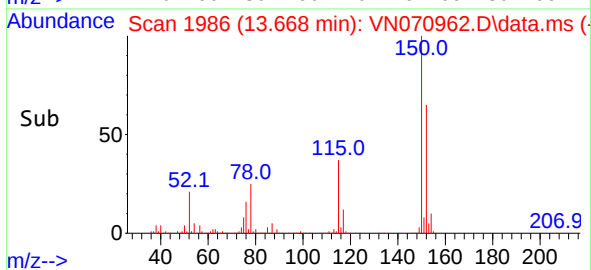
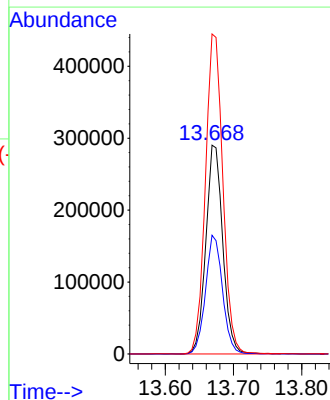
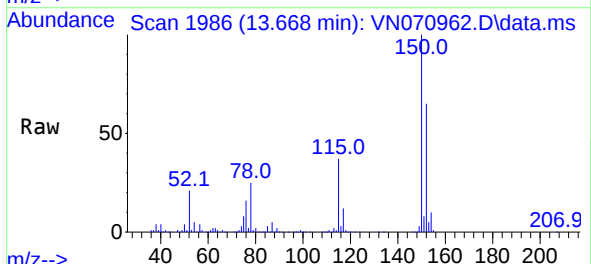
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

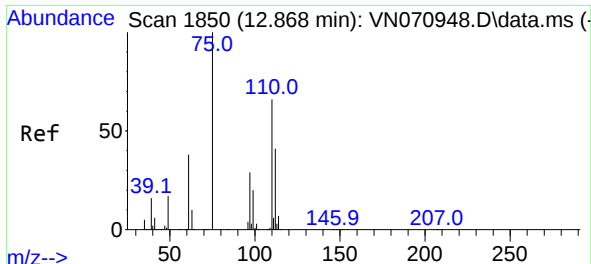
Tgt Ion:117 Resp: 1312817
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion:152 Resp: 501834
Ion Ratio Lower Upper
152 100
115 57.1 27.5 82.5
150 157.6 0.0 344.4

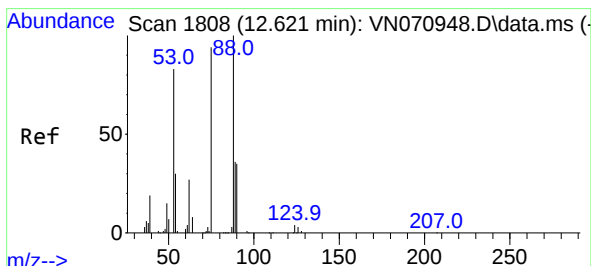
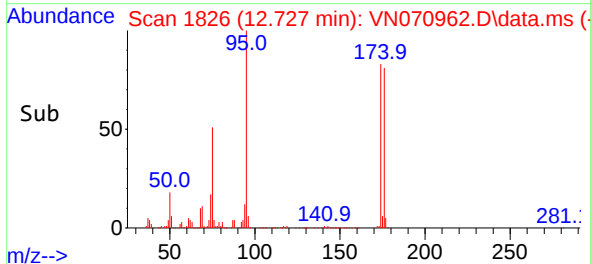
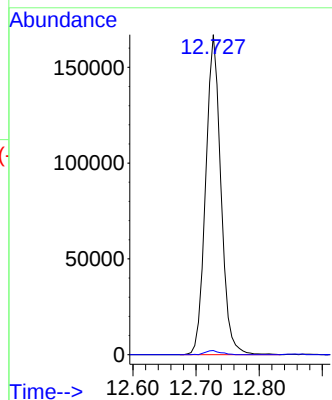
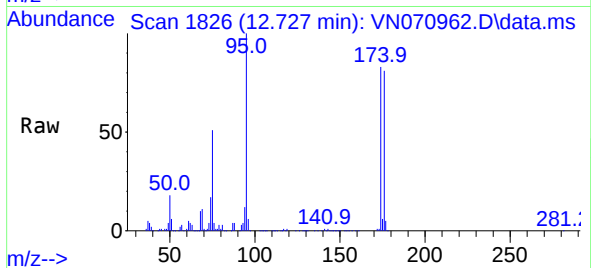




#76
1,2,3-Trichloropropane
Concen: 23.685 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.141 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

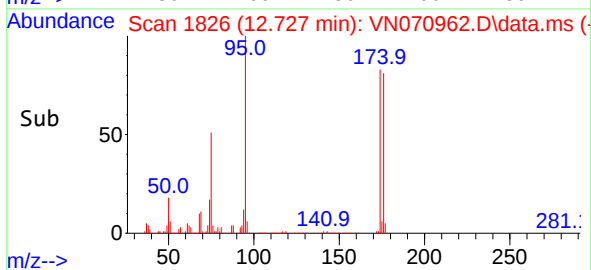
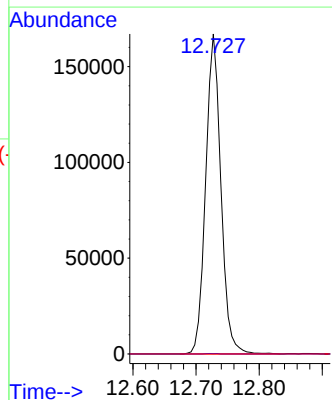
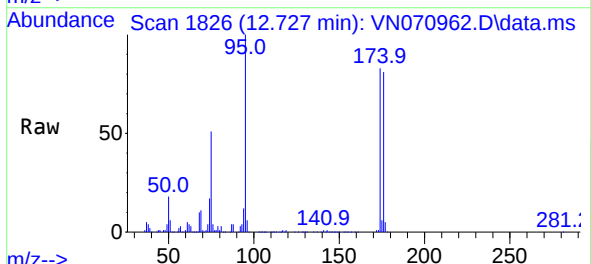
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

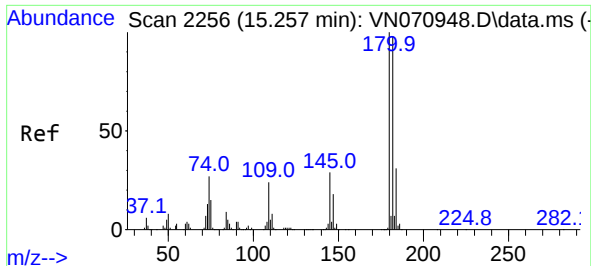
Tgt Ion: 75 Resp: 279861
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.752 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

Tgt Ion: 75 Resp: 279861
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

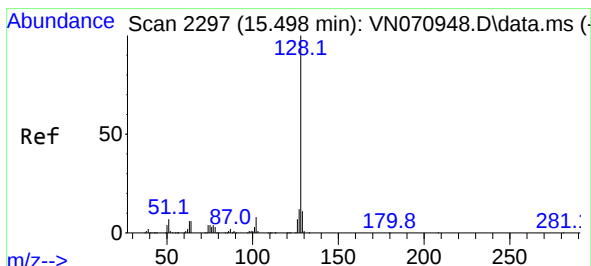
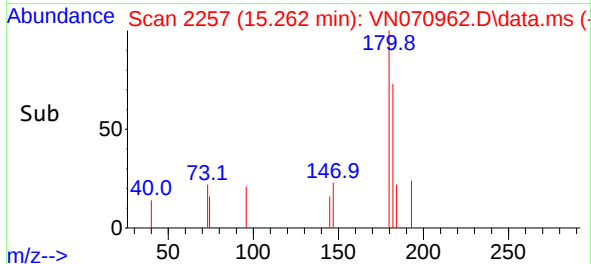
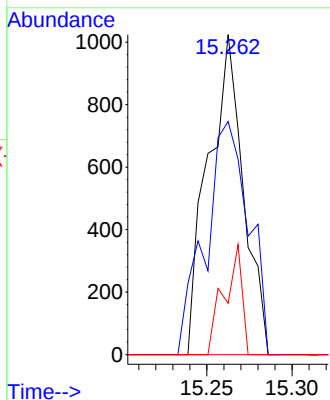
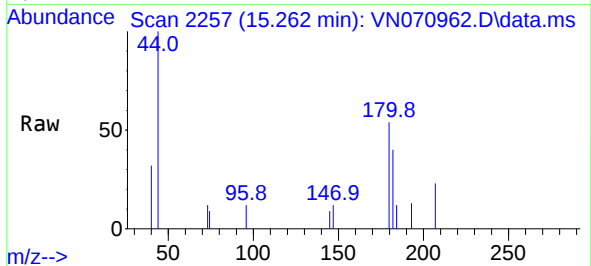




#93
1,2,4-Trichlorobenzene
Concen: 2.152 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

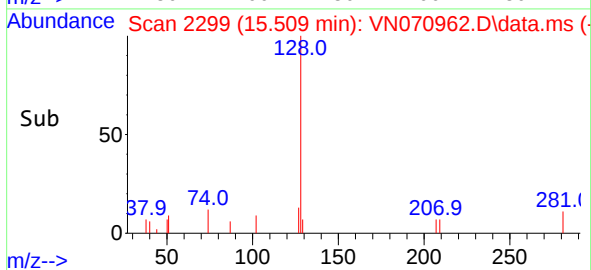
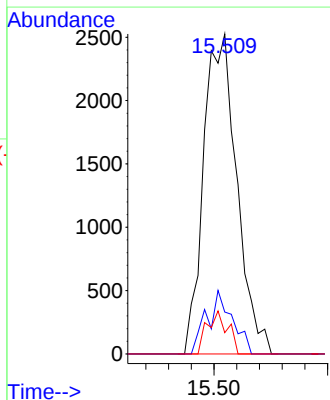
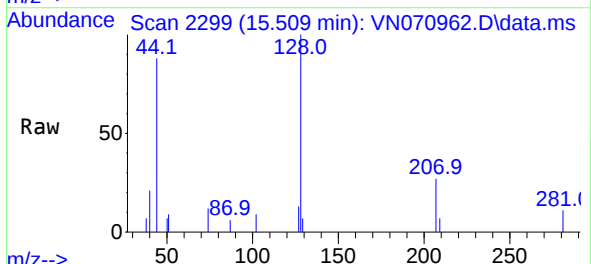
Instrument :
MSVOA_N
ClientSampleId :
MW-26R

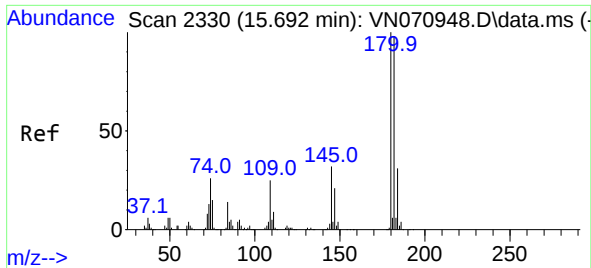
Tgt Ion:	180	Resp:	1471
Ion	Ratio	Lower	Upper
180	100		
182	89.3	48.3	144.9
145	17.5	14.5	43.5



#95
Naphthalene
Concen: 5.195 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.011 min
Lab File: VN070962.D
Acq: 16 Feb 2022 17:02

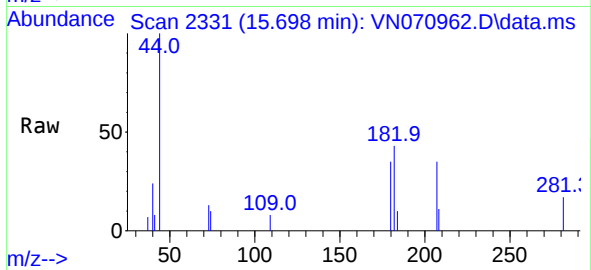
Tgt Ion:	128	Resp:	5121
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.5	15.7
129	8.3	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.657 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN070962.D
 Acq: 16 Feb 2022 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26R



Tgt Ion:	180	Resp:	1262
Ion	Ratio	Lower	Upper
180	100		
182	110.5	47.4	142.2
145	29.3	15.0	45.1

