

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074547.D
 Acq On : 17 Sep 2022 06:58
 Operator : JC\MD
 Sample : N4549-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

Quant Time: Sep 19 02:19:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

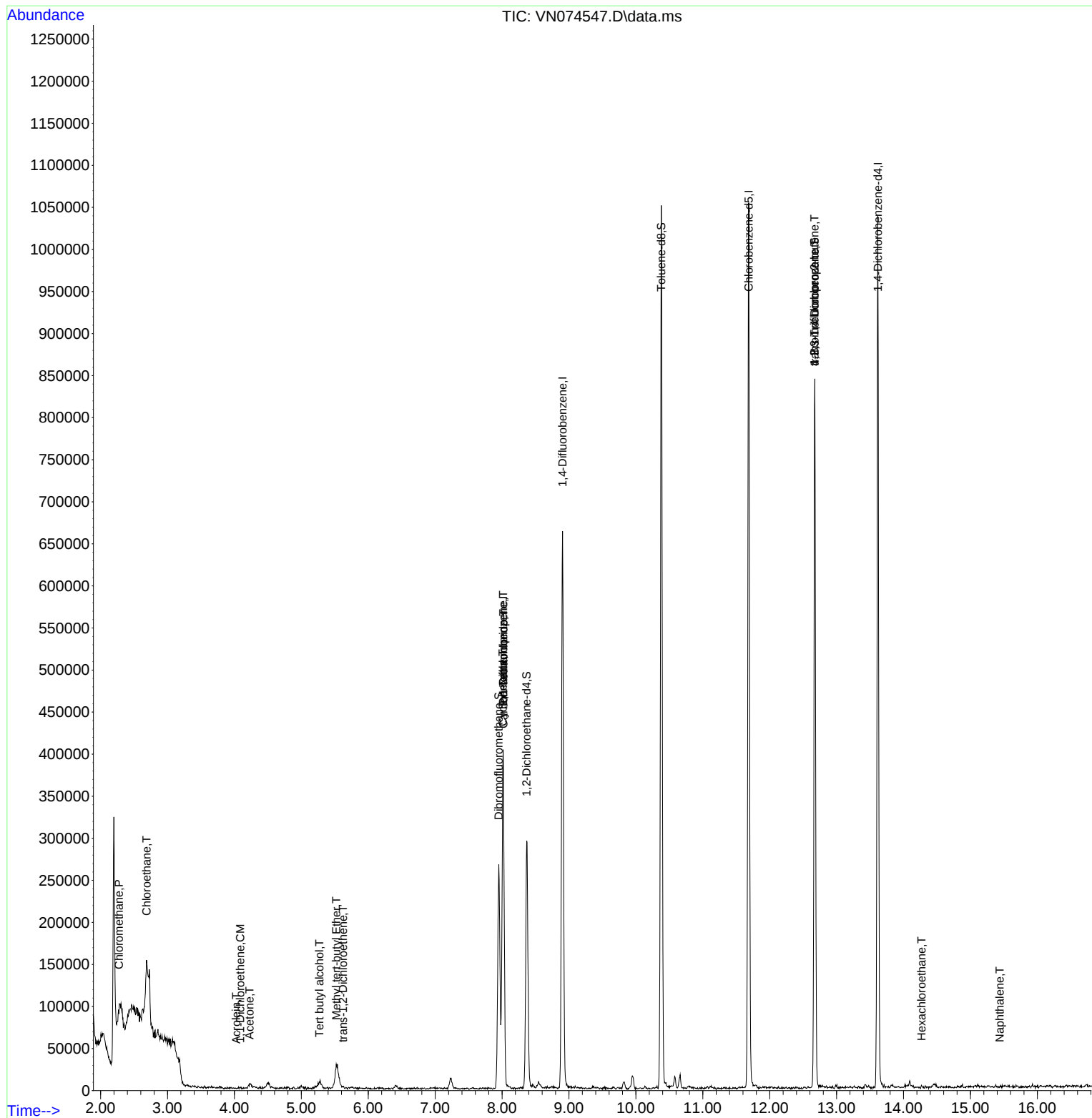
Internal Standards						
1) Pentafluorobenzene	8.016	168	273025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	536784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	543056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	233174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228083	49.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.480%
35) Dibromofluoromethane	7.951	113	184493	51.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.480%
50) Toluene-d8	10.380	98	669046	48.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.669	95	255414	54.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	2399	0.736	ug/l #	43
6) Chloroethane	2.687	64	23511	6.435	ug/l #	42
11) Tert butyl alcohol	5.269	59	15656	10.375	ug/l #	77
12) 1,1-Dichloroethene	4.087	96	132	0.721	ug/l #	1
13) Acrolein	4.028	56	171	0.310	ug/l #	16
16) Acetone	4.228	43	8743	2.949	ug/l	93
19) Methyl tert-butyl Ether	5.522	73	39150	2.583	ug/l #	87
21) trans-1,2-Dichloroethene	5.622	96	134	0.463	ug/l #	1
31) Cyclohexane	8.010	56	9703	1.180	ug/l #	53
36) 1,1-Dichloropropene	8.016	75	29438	4.664	ug/l #	48
38) Carbon Tetrachloride	8.022	117	29121	4.997	ug/l #	19
76) 1,2,3-Trichloropropane	12.669	75	152584	21.259	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	152584	45.884	ug/l #	10
90) Hexachloroethane	14.268	117	850	0.206	ug/l #	9
95) Naphthalene	15.439	128	638	1.620	ug/l #	89

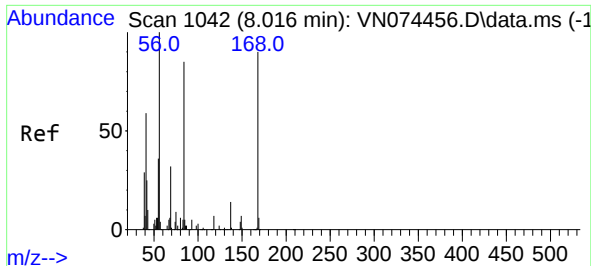
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

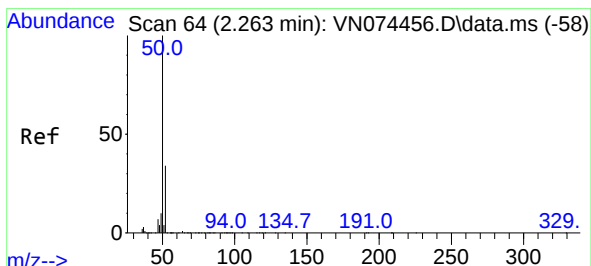
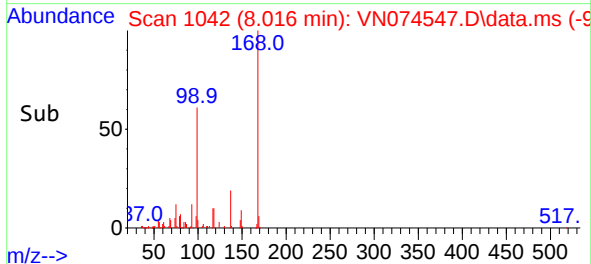
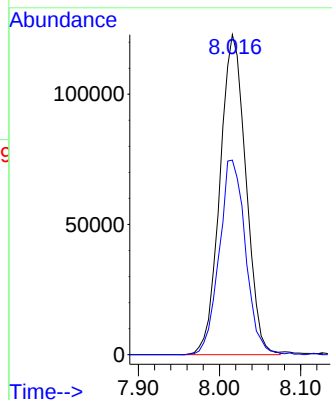
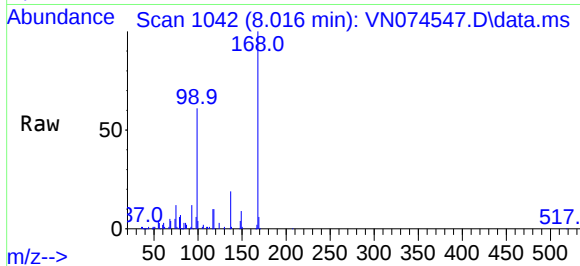




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

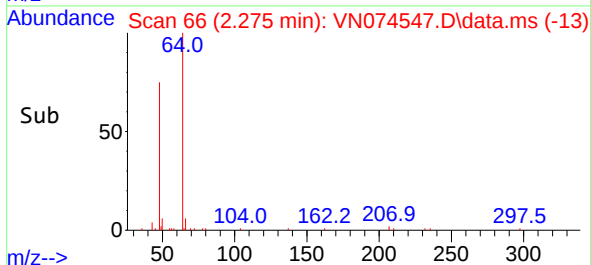
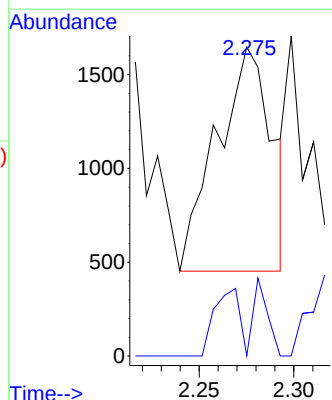
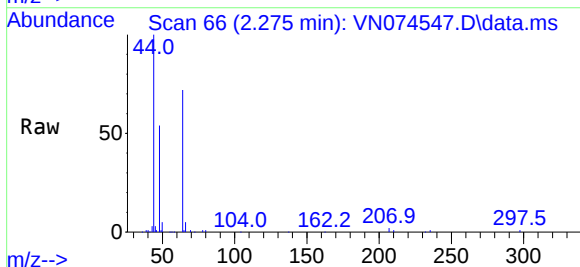
Instrument :
MSVOA_N
ClientSampleId :
MW-63

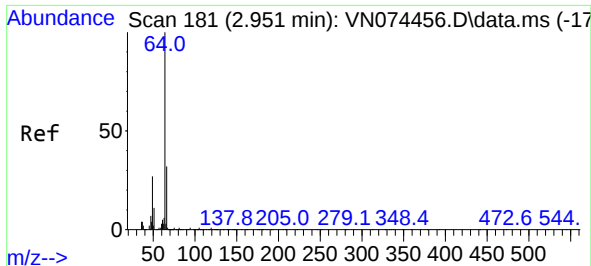
Tgt Ion:168 Resp: 273025
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#3
Chloromethane
Concen: 0.736 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 50 Resp: 2399
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

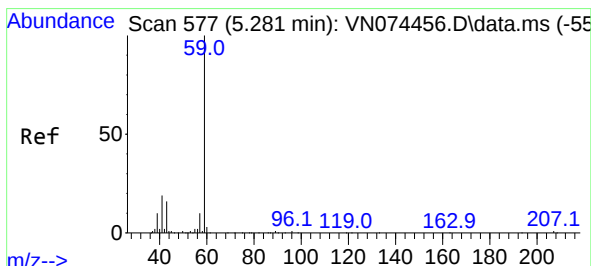
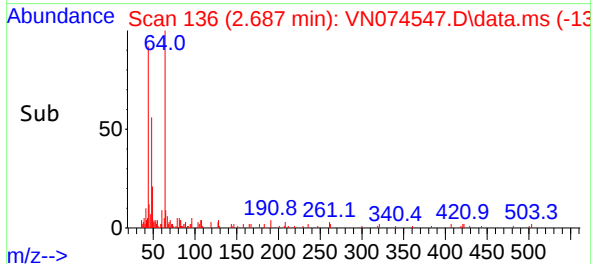
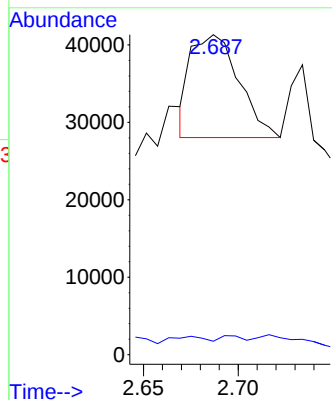
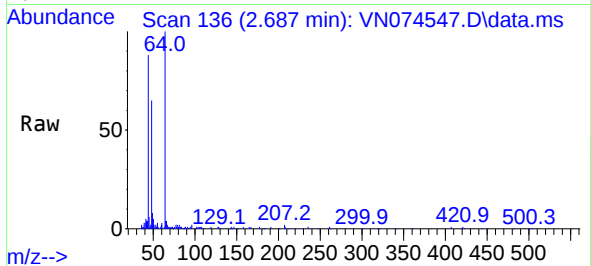




#6
Chloroethane
Concen: 6.435 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

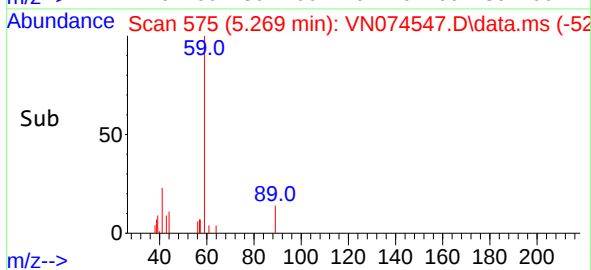
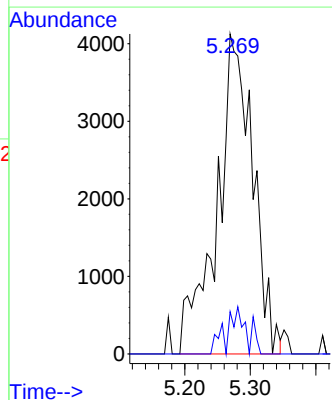
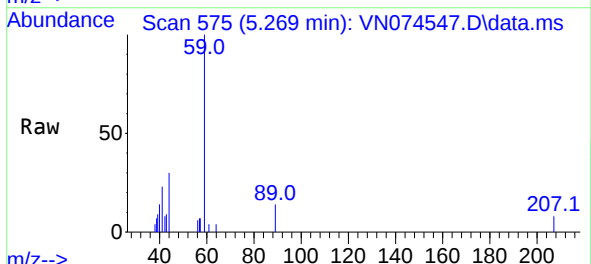
Instrument :
MSVOA_N
ClientSampleId :
MW-63

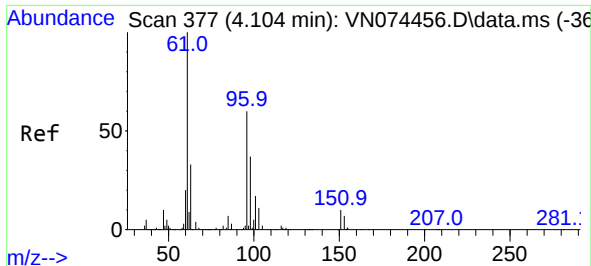
Tgt Ion: 64 Resp: 23511
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 10.375 ug/l
RT: 5.269 min Scan# 575
Delta R.T. -0.012 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 59 Resp: 15656
Ion Ratio Lower Upper
59 100
57 1.9 8.3 12.5#

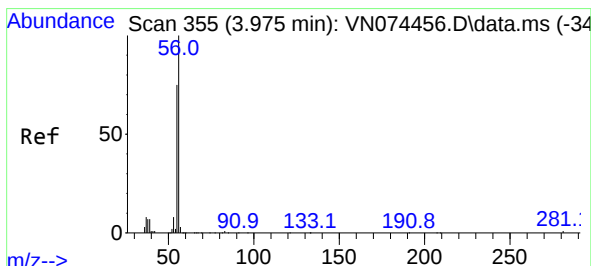
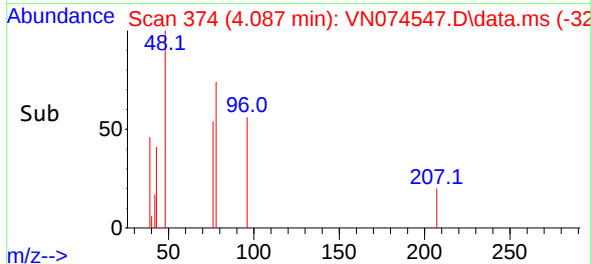
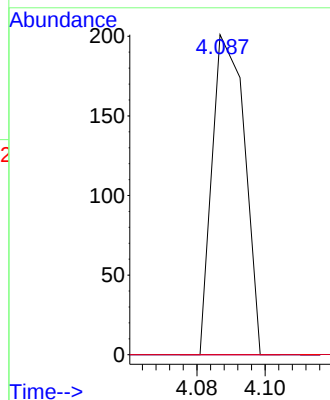
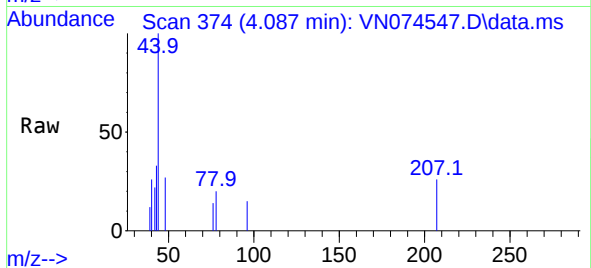




#12
1,1-Dichloroethene
Concen: 0.721 ug/l
RT: 4.087 min Scan# 31
Delta R.T. -0.017 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

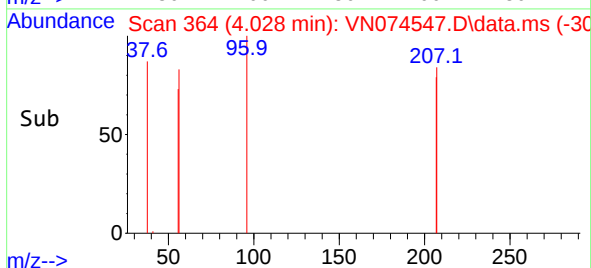
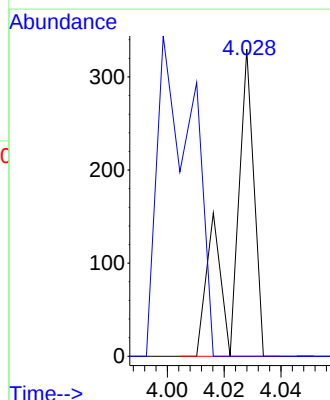
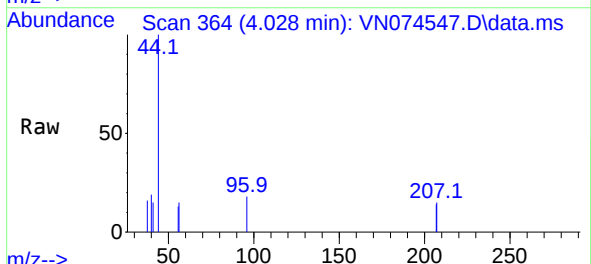
Instrument :
MSVOA_N
ClientSampleId :
MW-63

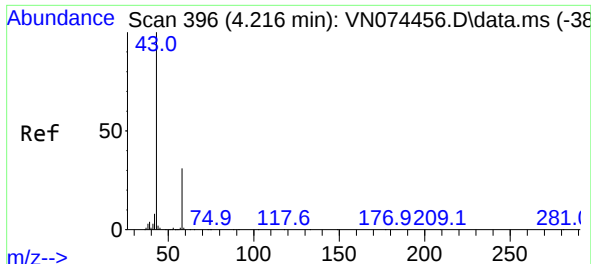
Tgt Ion: 96 Resp: 132
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: 0.310 ug/l
RT: 4.028 min Scan# 364
Delta R.T. 0.053 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 56 Resp: 171
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#

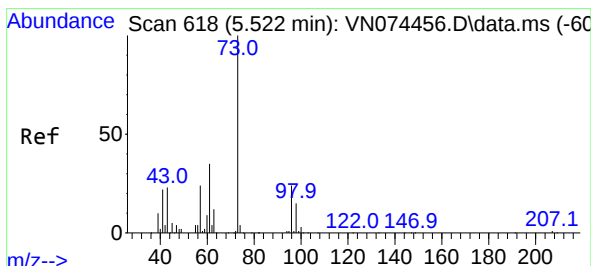
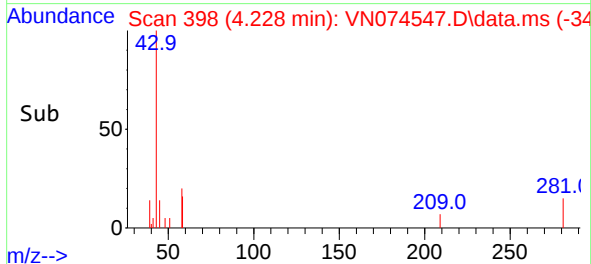
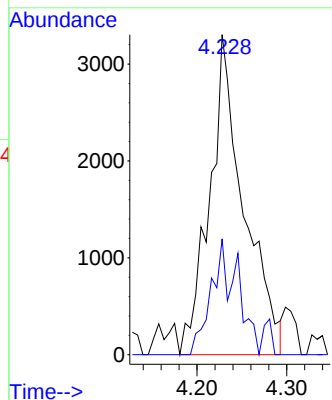
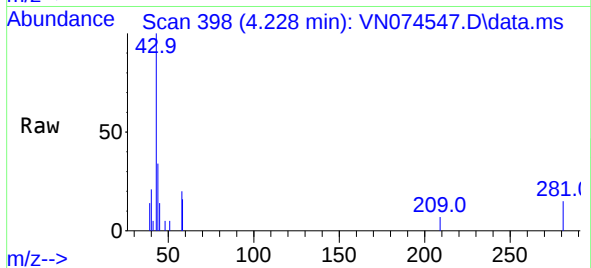




#16
Acetone
Concen: 2.949 ug/l
RT: 4.228 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

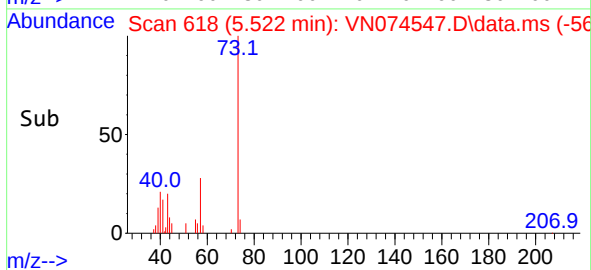
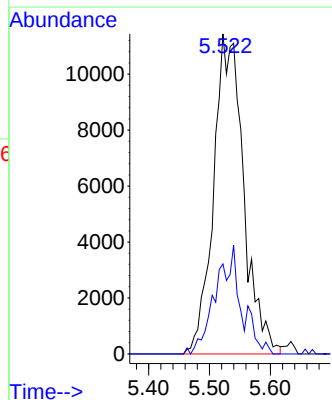
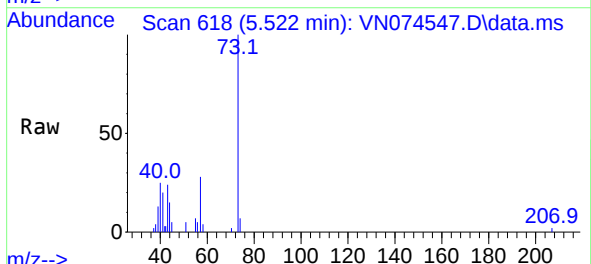
Instrument :
MSVOA_N
Client Sample Id :
MW-63

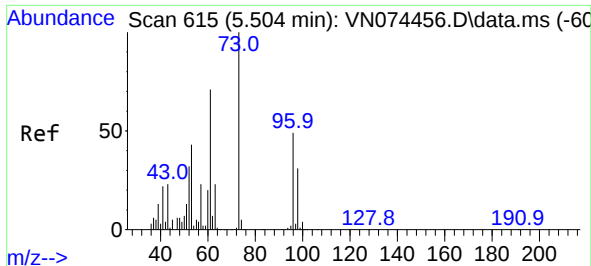
Tgt Ion: 43 Resp: 8743
Ion Ratio Lower Upper
43 100
58 36.2 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 2.583 ug/l
RT: 5.522 min Scan# 618
Delta R.T. -0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 73 Resp: 39150
Ion Ratio Lower Upper
73 100
57 28.1 17.6 26.4#

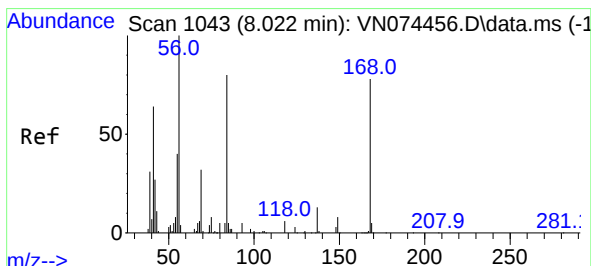
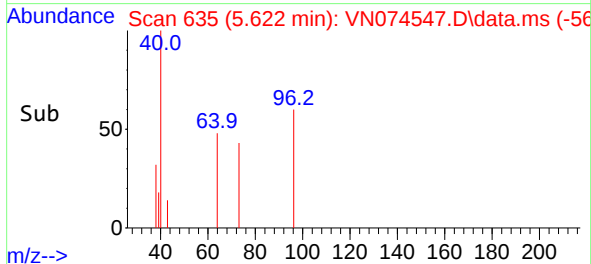
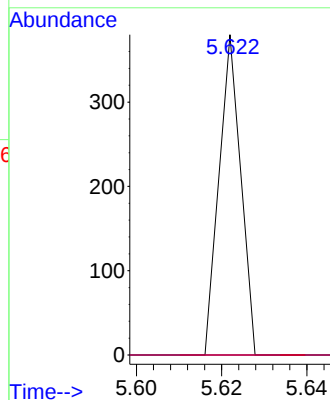
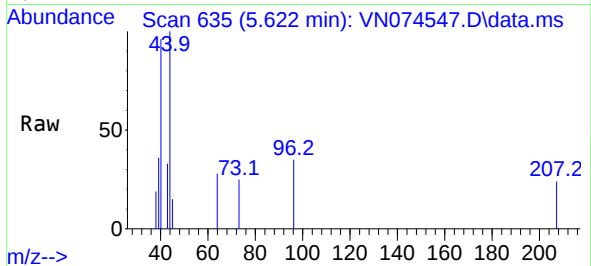




#21
trans-1,2-Dichloroethene
Concen: 0.463 ug/l
RT: 5.622 min Scan# 61
Delta R.T. 0.118 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

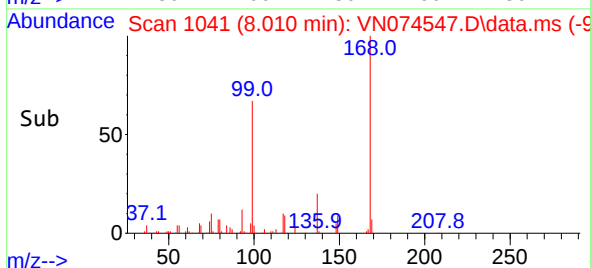
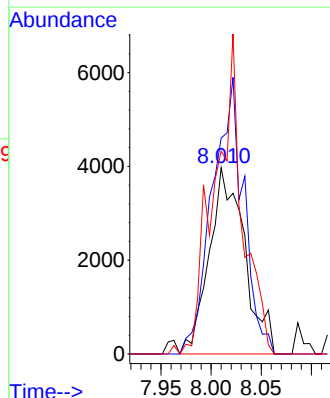
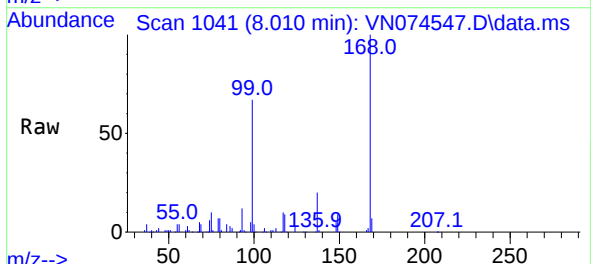
Instrument :
MSVOA_N
ClientSampleId :
MW-63

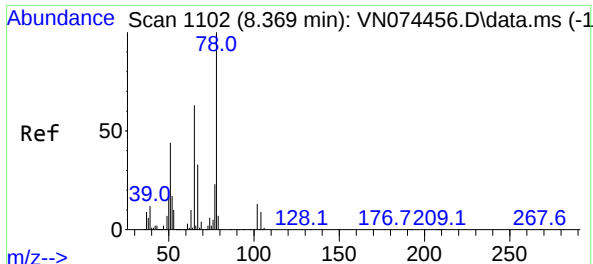
Tgt Ion: 96 Resp: 134
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 56 Resp: 9703
Ion Ratio Lower Upper
56 100
69 115.9 27.8 41.8#
84 108.9 76.9 115.3

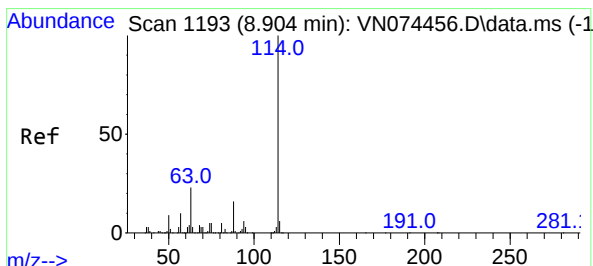
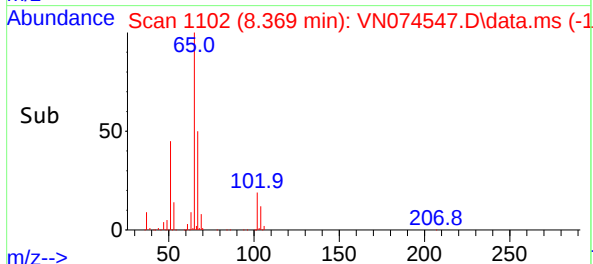
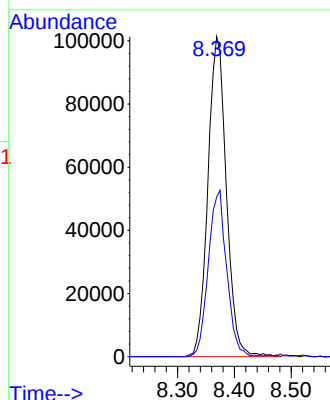
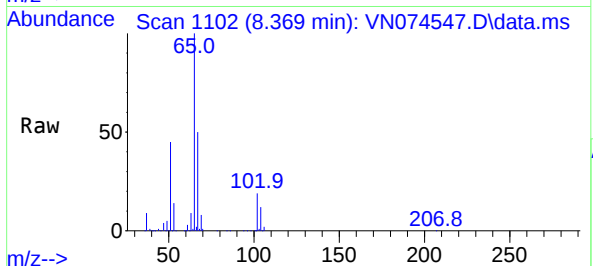




#33
1,2-Dichloroethane-d4
Concen: 49.235 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

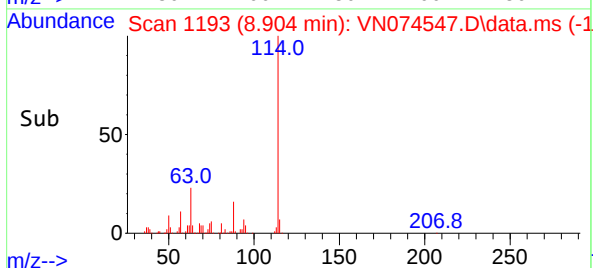
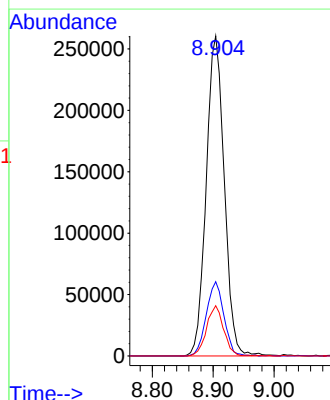
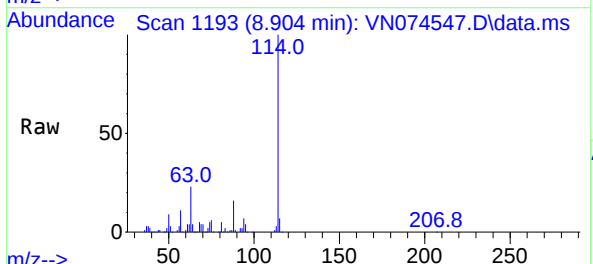
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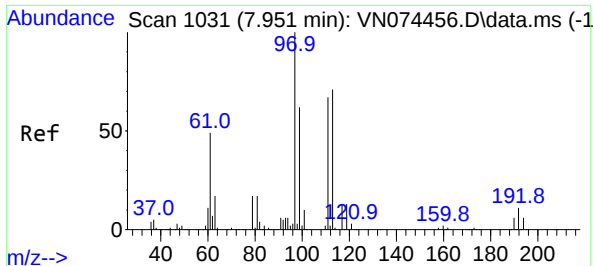
Tgt Ion: 65 Resp: 228083
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 114 Resp: 536784
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.0
88 15.7 0.0 32.6

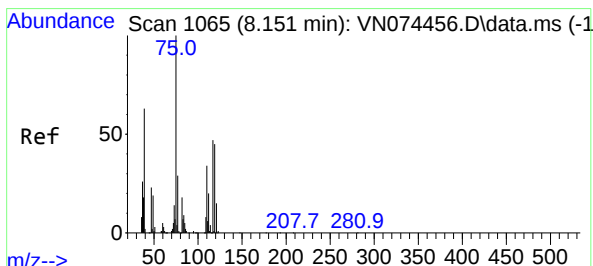
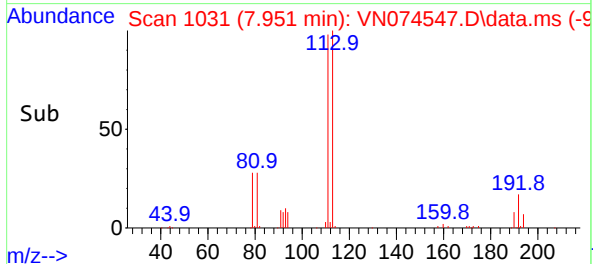
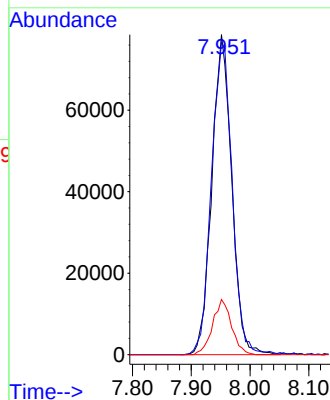
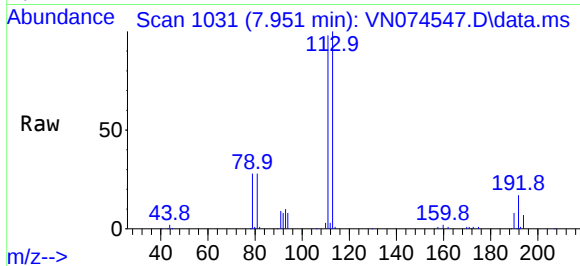




#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

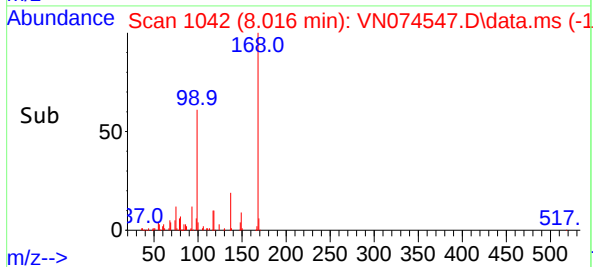
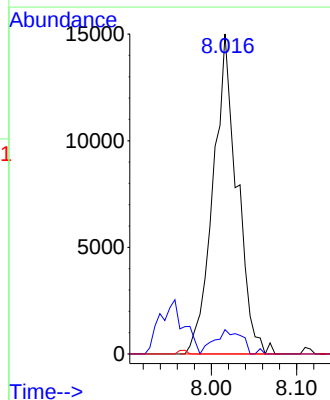
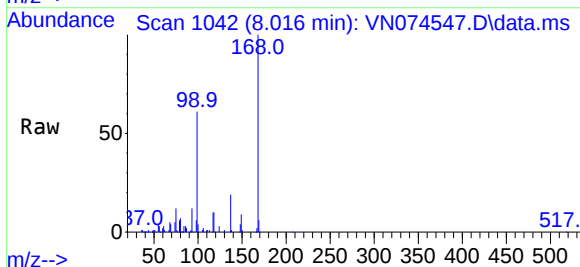
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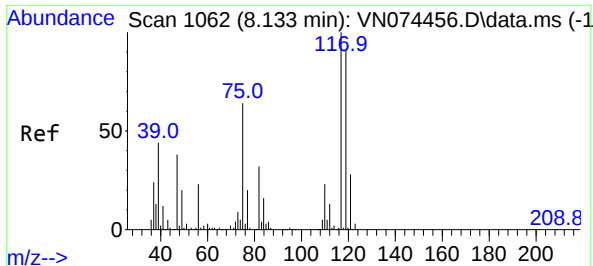
Tgt Ion:113 Resp: 184493
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 16.4 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 75 Resp: 29438
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#

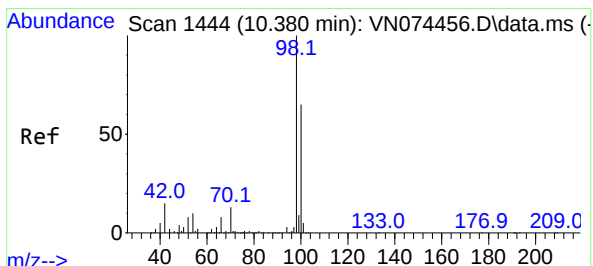
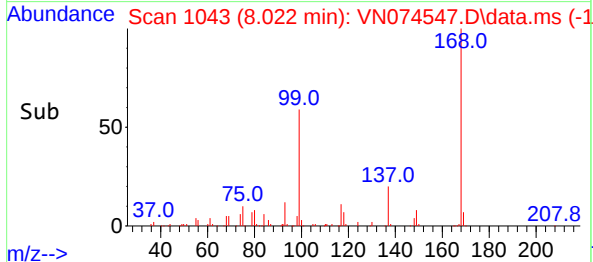
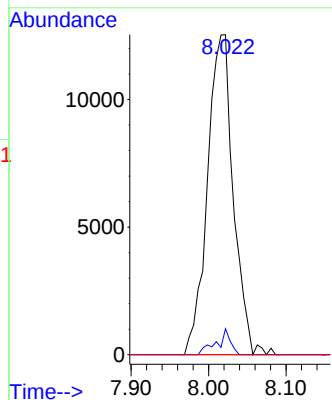
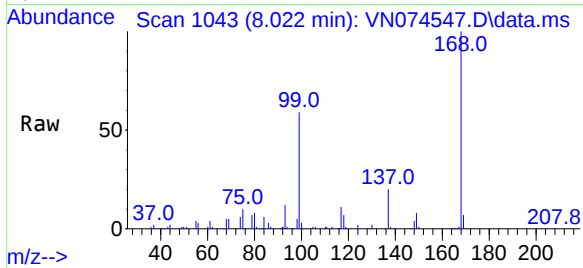




#38
Carbon Tetrachloride
Concen: 4.997 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

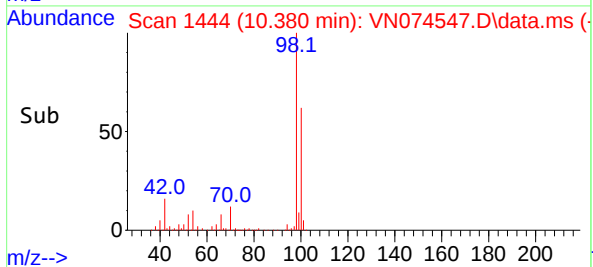
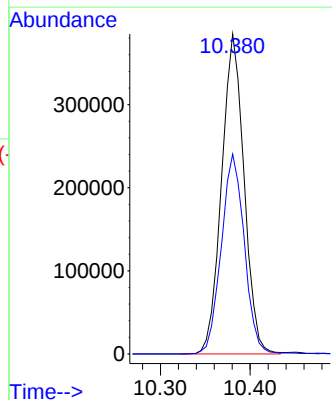
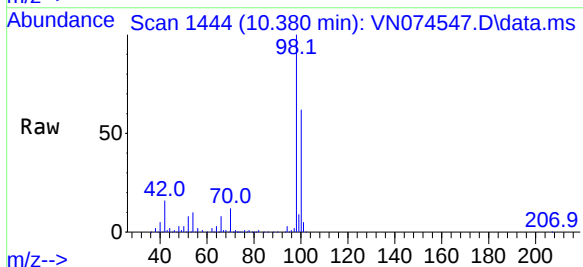
Instrument :
MSVOA_N
ClientSampleId :
MW-63

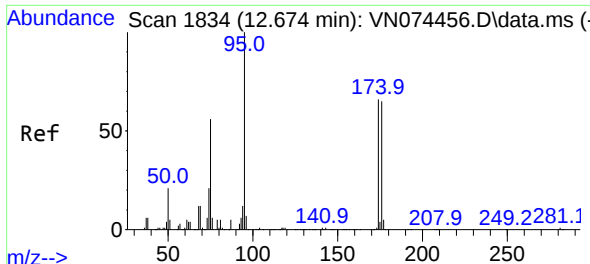
Tgt Ion:117 Resp: 29121
Ion Ratio Lower Upper
117 100
119 8.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.516 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 98 Resp: 669046
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

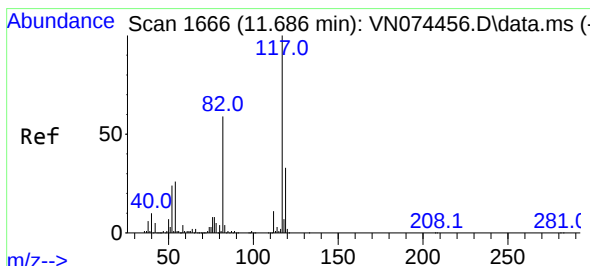
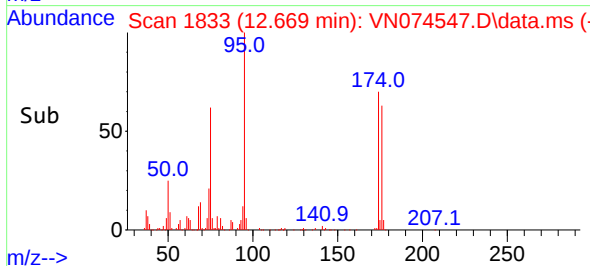
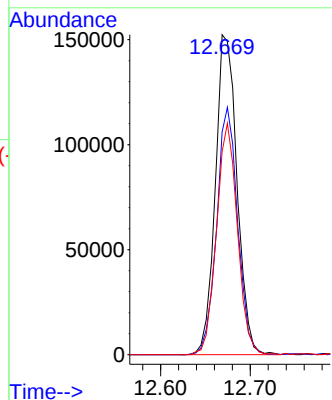
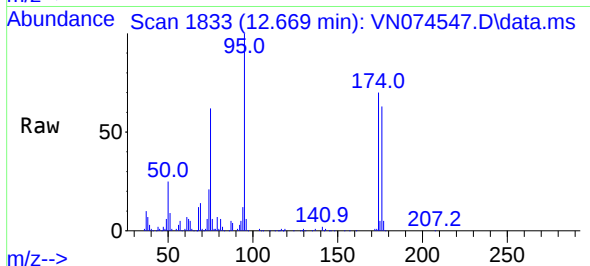




#62
4-Bromofluorobenzene
Concen: 54.078 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

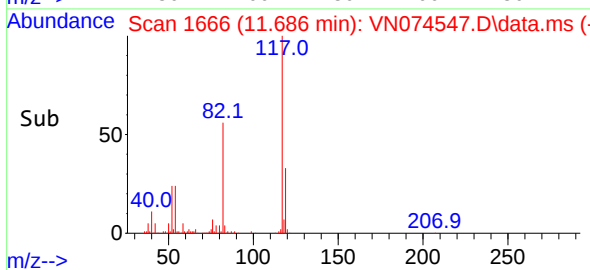
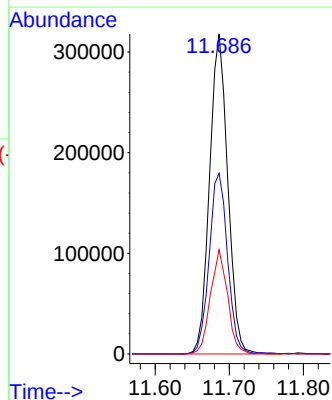
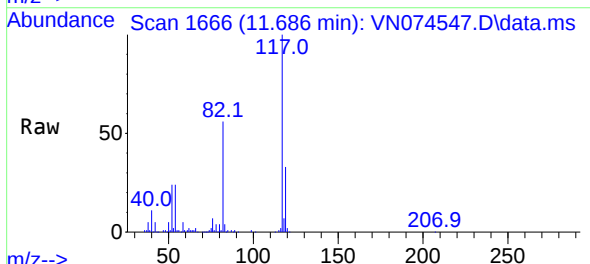
Instrument :
MSVOA_N
ClientSampleId :
MW-63

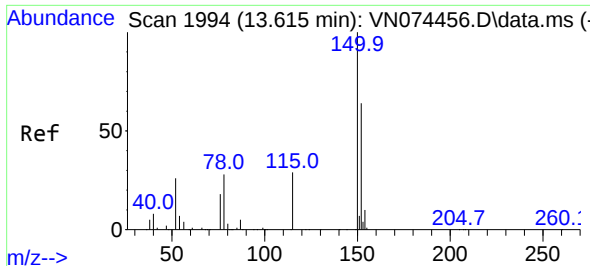
Tgt Ion: 95 Resp: 255414
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 69.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 117 Resp: 543056
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.6 25.4 38.0



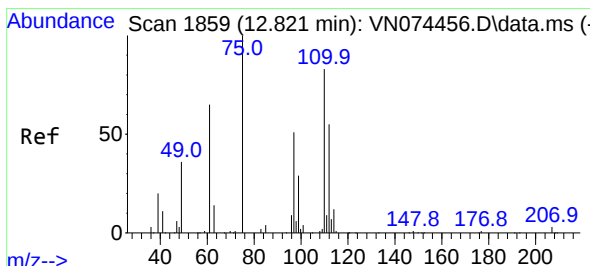
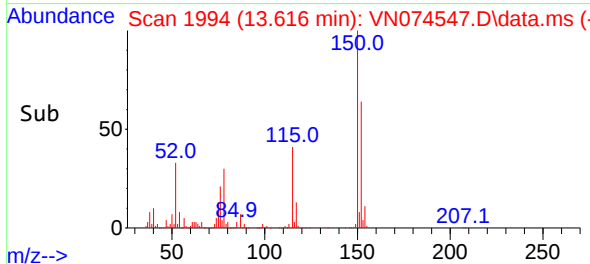
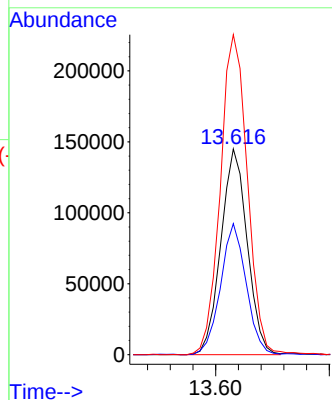
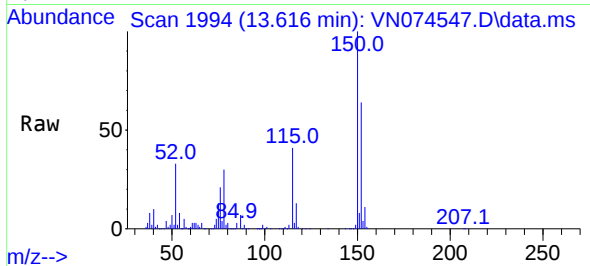


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074547.D
 Acq: 17 Sep 2022 06:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

Tgt Ion:152 Resp: 233174

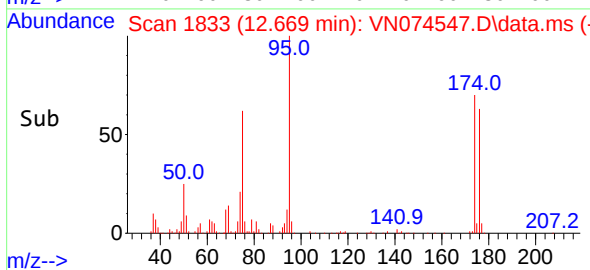
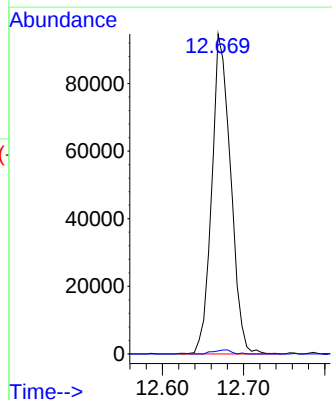
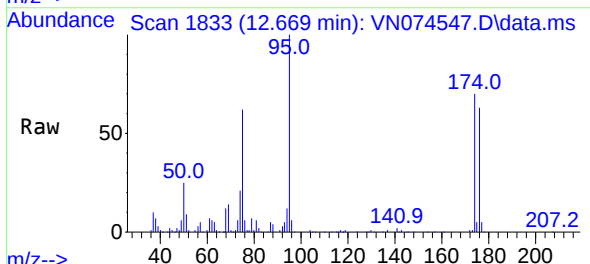
Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.9	86.7
150	160.4	0.0	356.2

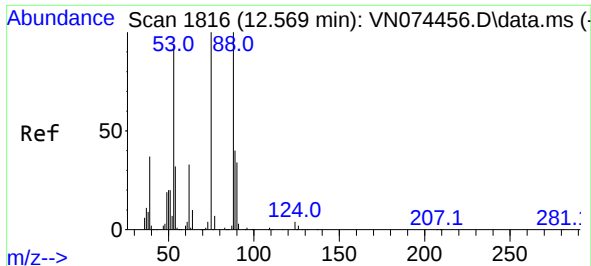


#76
 1,2,3-Trichloropropane
 Concen: 21.259 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074547.D
 Acq: 17 Sep 2022 06:58

Tgt Ion: 75 Resp: 152584

Ion	Ratio	Lower	Upper
75	100		
77	1.2	98.5	295.5#

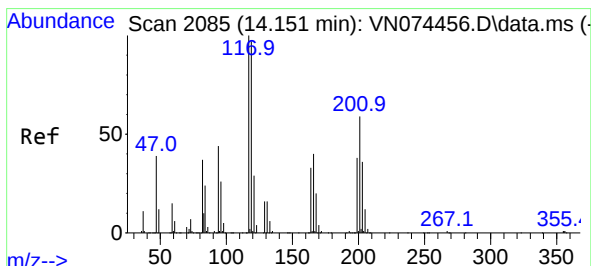
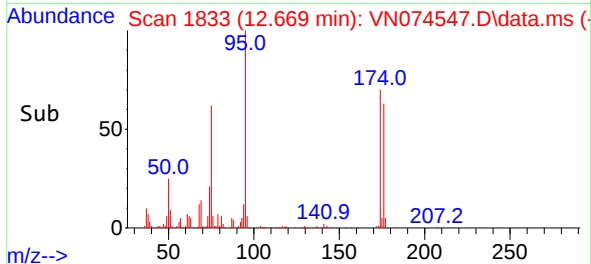
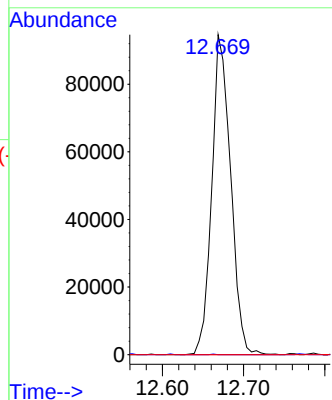
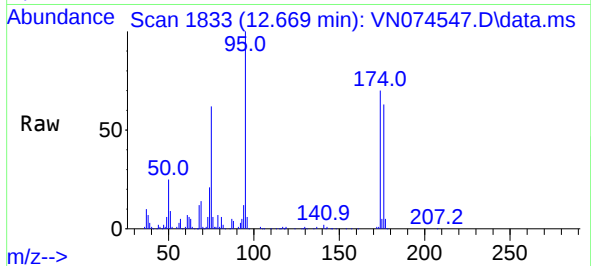




#81
trans-1,4-Dichloro-2-butene
Concen: 45.884 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.100 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

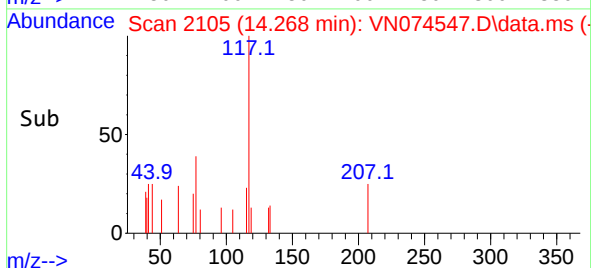
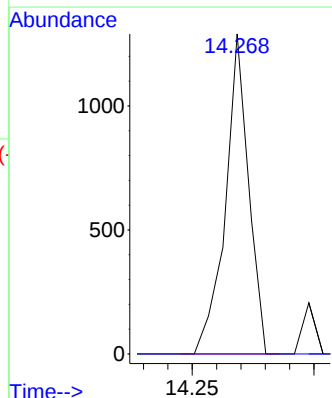
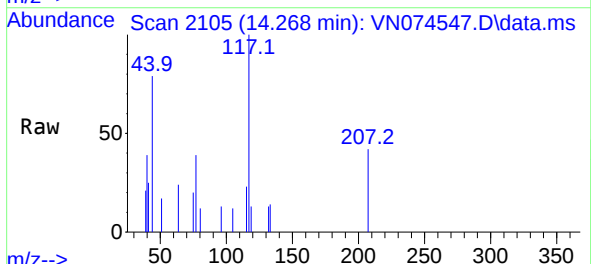
Instrument :
MSVOA_N
ClientSampleId :
MW-63

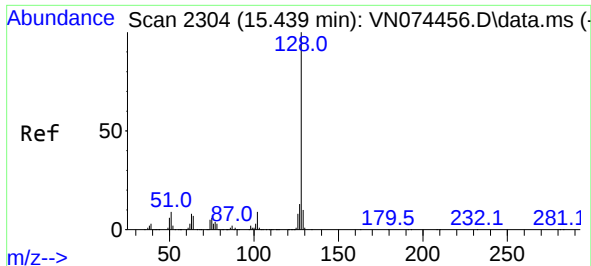
Tgt Ion: 75 Resp: 152584
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#90
Hexachloroethane
Concen: 0.206 ug/l
RT: 14.268 min Scan# 2105
Delta R.T. 0.117 min
Lab File: VN074547.D
Acq: 17 Sep 2022 06:58

Tgt Ion: 117 Resp: 850
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#95

Naphthalene

Concen: 1.620 ug/l

RT: 15.439 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN074547.D

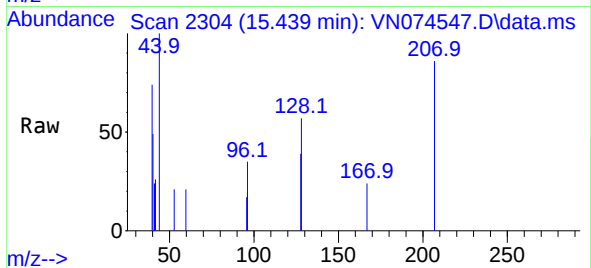
Acq: 17 Sep 2022 06:58

Instrument :

MSVOA_N

ClientSampleId :

MW-63



Tgt Ion:128 Resp: 638

Ion Ratio Lower Upper

128 100

127 8.5 10.3 15.5#

129 15.0 8.6 13.0#

