

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074555.D
 Acq On : 17 Sep 2022 14:51
 Operator : JC\MD
 Sample : N4549-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-64

Quant Time: Sep 19 02:55:58 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)

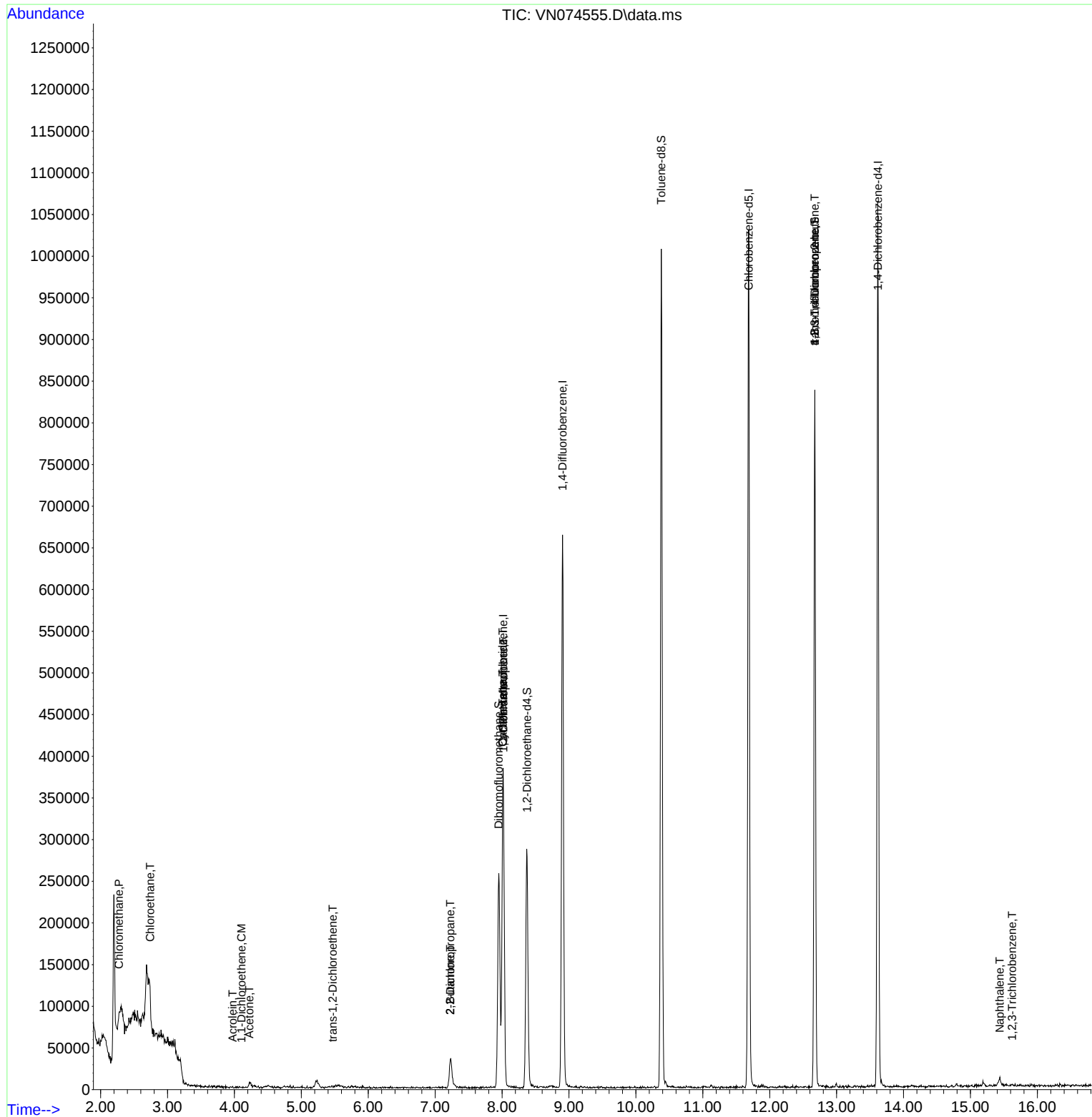
Internal Standards						
1) Pentafluorobenzene	8.016	168	275000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	546289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	538869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	239685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	215037	46.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.180%
35) Dibromofluoromethane	7.951	113	179443	49.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.380	98	653643	46.575	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.674	95	259327	53.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	1858	0.626	ug/l	99
6) Chloroethane	2.740	64	15114	4.107	ug/l #	49
12) 1,1-Dichloroethene	4.104	96	121	0.717	ug/l #	1
13) Acrolein	3.975	56	115	0.207	ug/l #	16
16) Acetone	4.222	43	8177	2.739	ug/l	94
21) trans-1,2-Dichloroethene	5.469	96	72	0.447	ug/l #	1
25) 2-Butanone	7.228	43	2308	0.466	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	2443	0.326	ug/l #	53
31) Cyclohexane	8.010	56	8975	1.084	ug/l #	22
36) 1,1-Dichloropropene	8.022	75	26556	4.134	ug/l #	49
38) Carbon Tetrachloride	8.010	117	26501	4.469	ug/l #	19
76) 1,2,3-Trichloropropane	12.674	75	152868	20.720	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	152868	44.721	ug/l #	10
95) Naphthalene	15.439	128	8339	1.983	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.621	180	632	1.461	ug/l #	17

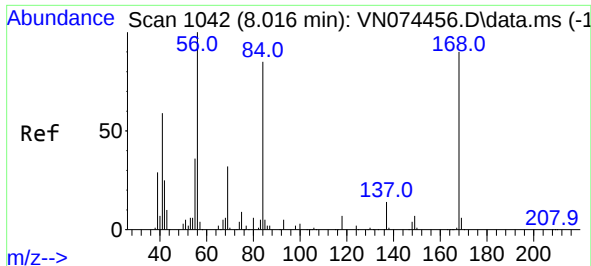
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

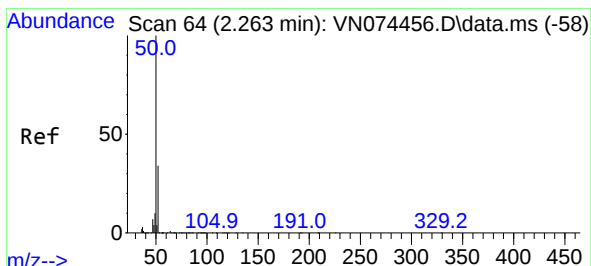
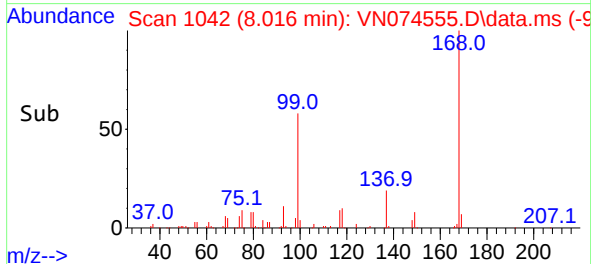
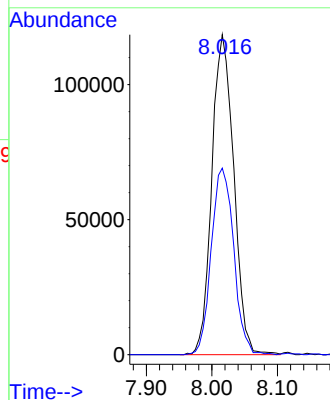
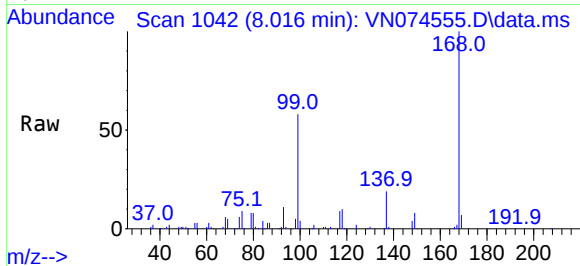




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

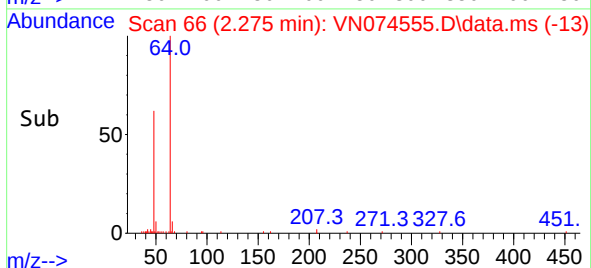
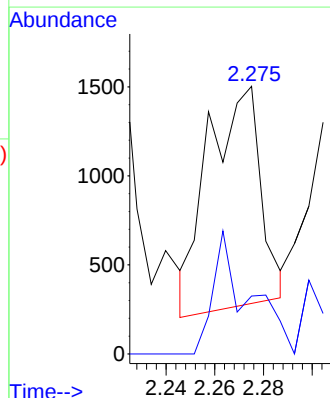
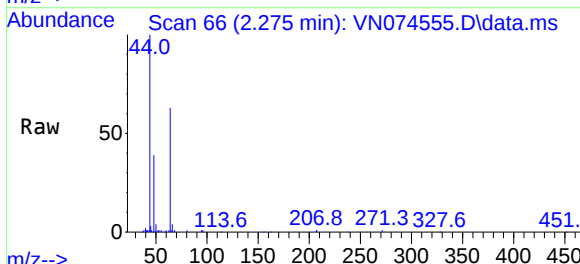
Instrument :
MSVOA_N
ClientSampleId :
MW-64

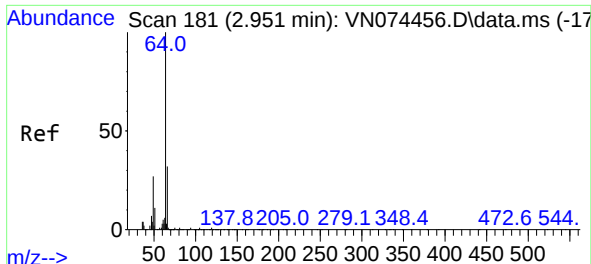
Tgt Ion:168 Resp: 275000
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#3
Chloromethane
Concen: 0.626 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 50 Resp: 1858
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5

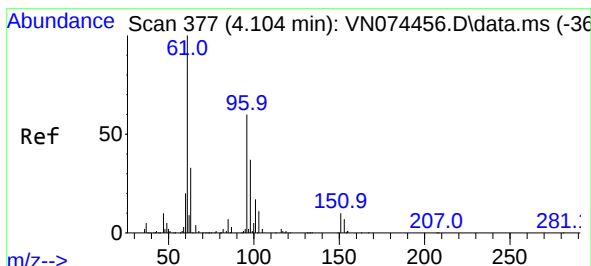
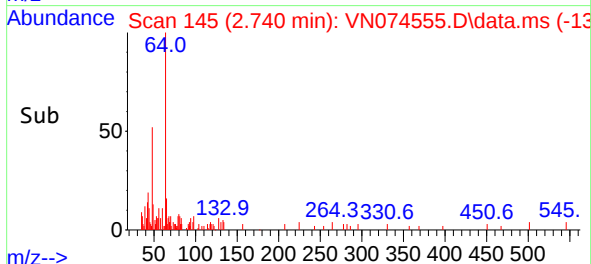
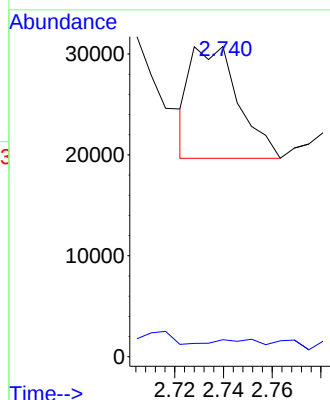
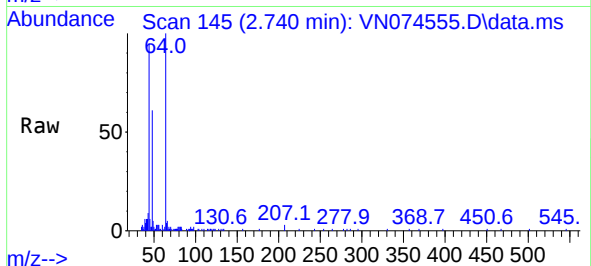




#6
Chloroethane
Concen: 4.107 ug/l
RT: 2.740 min Scan# 14
Delta R.T. -0.211 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

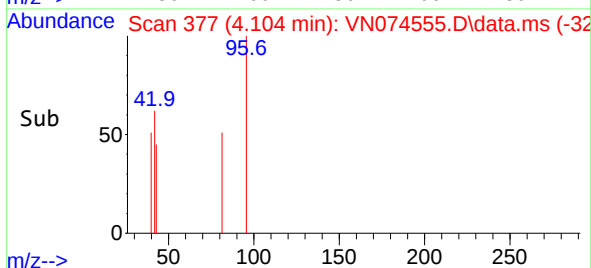
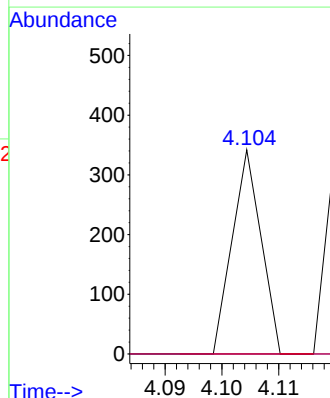
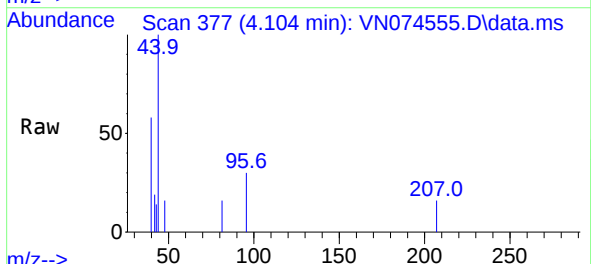
Instrument :
MSVOA_N
ClientSampleId :
MW-64

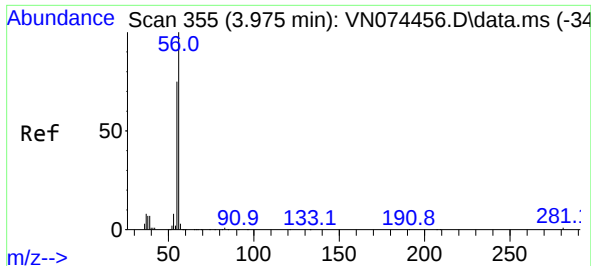
Tgt Ion: 64 Resp: 15114
Ion Ratio Lower Upper
64 100
66 4.1 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.717 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 96 Resp: 121
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

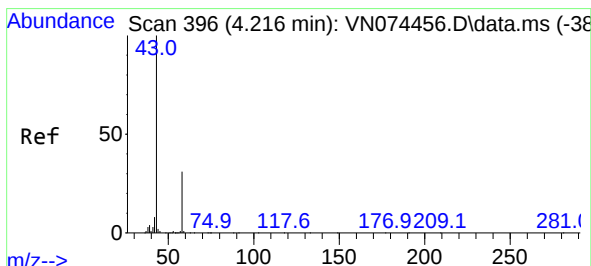
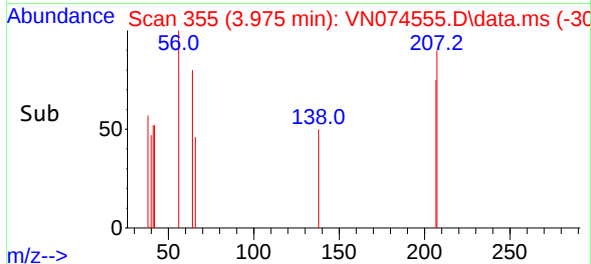
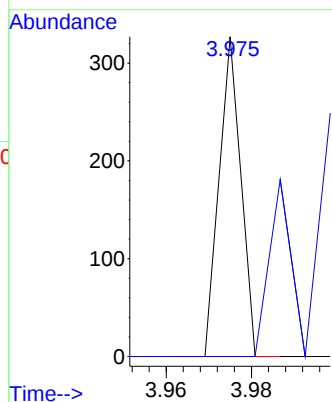
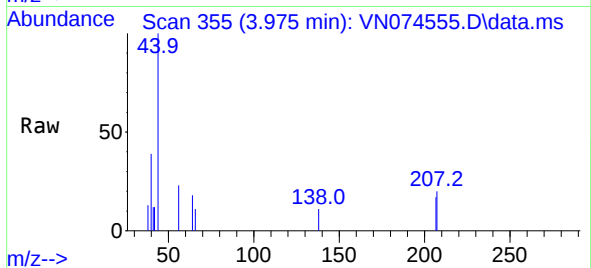




#13
Acrolein
Concen: 0.207 ug/l
RT: 3.975 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

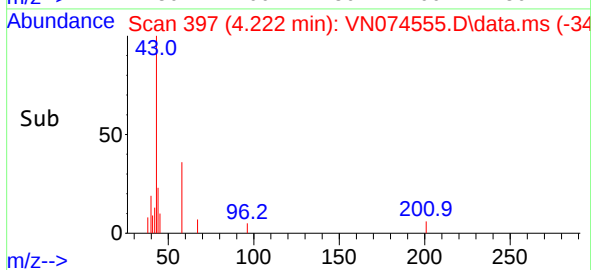
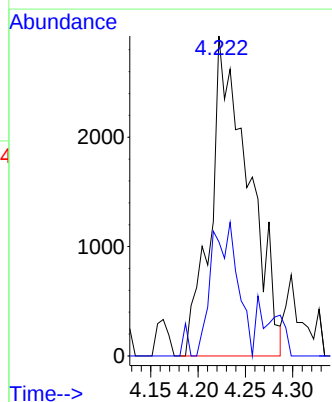
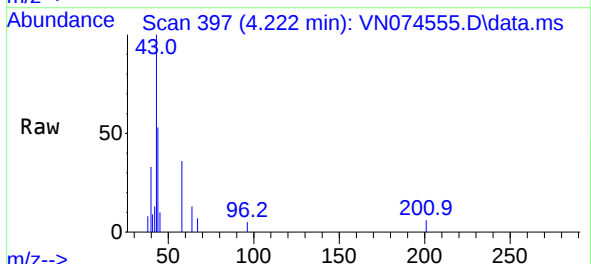
Instrument :
MSVOA_N
ClientSampleId :
MW-64

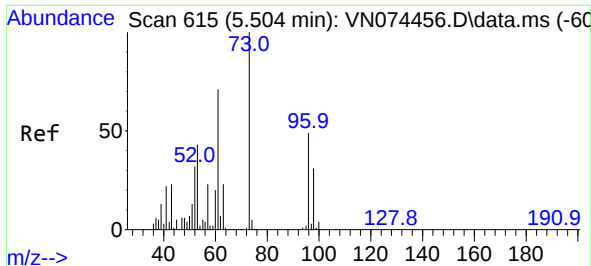
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 2.739 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 43 Resp: 8177
Ion Ratio Lower Upper
43 100
58 35.6 26.0 39.0

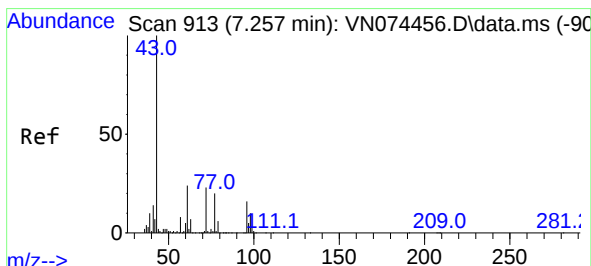
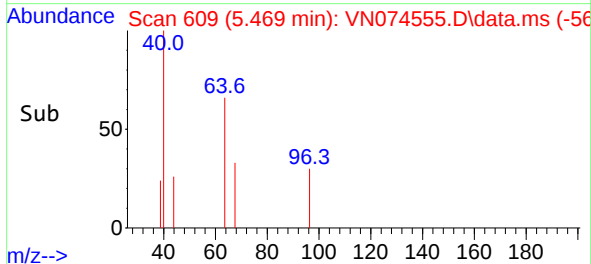
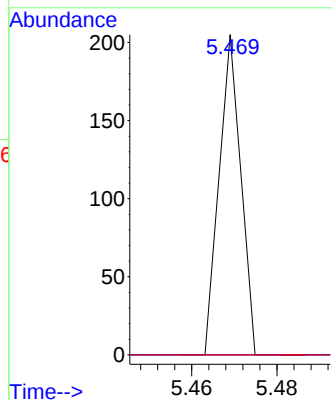
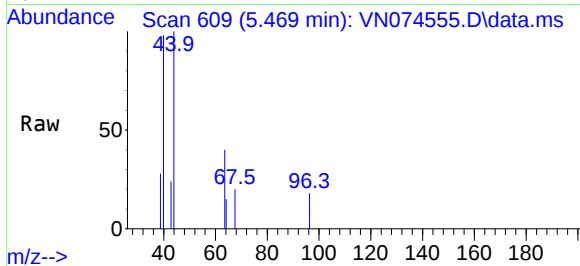




#21
trans-1,2-Dichloroethene
Concen: 0.447 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.035 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

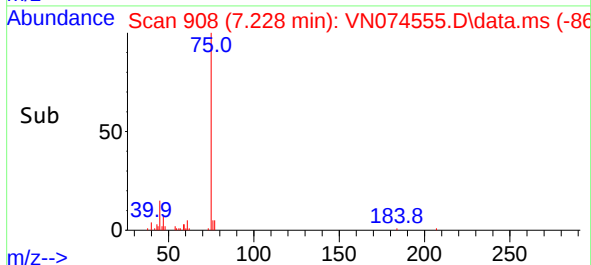
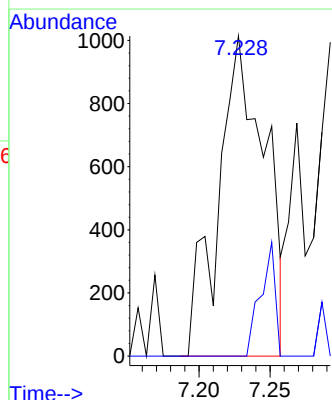
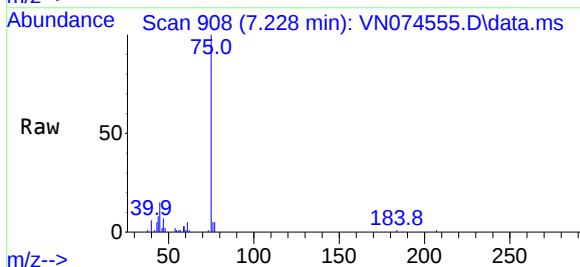
Instrument :
MSVOA_N
ClientSampleId :
MW-64

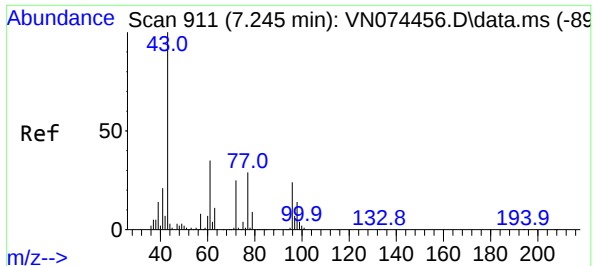
Tgt Ion: 96 Resp: 72
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#25
2-Butanone
Concen: 0.466 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.029 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.326 ug/l

RT: 7.228 min Scan# 90

Delta R.T. -0.017 min

Lab File: VN074555.D

Acq: 17 Sep 2022 14:51

Instrument :

MSVOA_N

ClientSampleId :

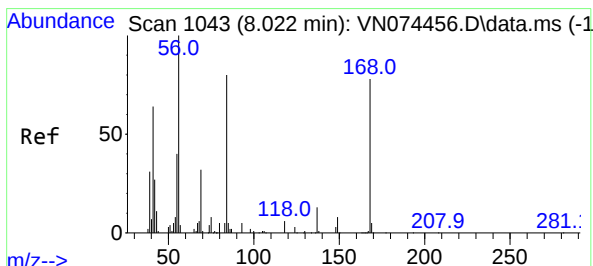
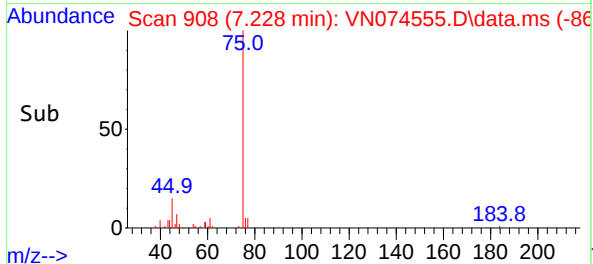
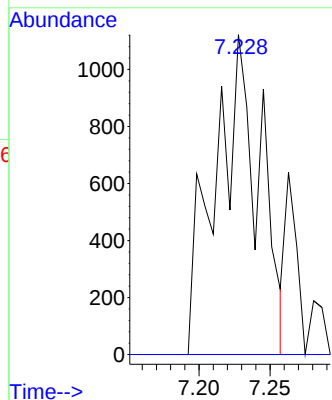
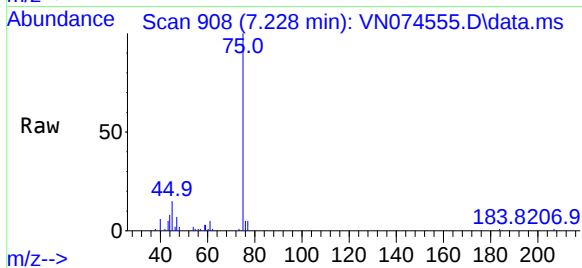
MW-64

Tgt Ion: 77 Resp: 2443

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN074555.D

Acq: 17 Sep 2022 14:51

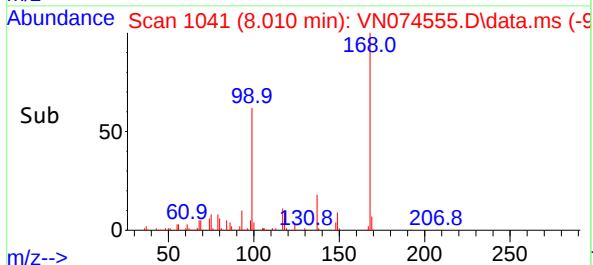
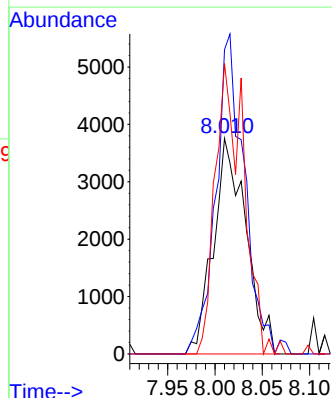
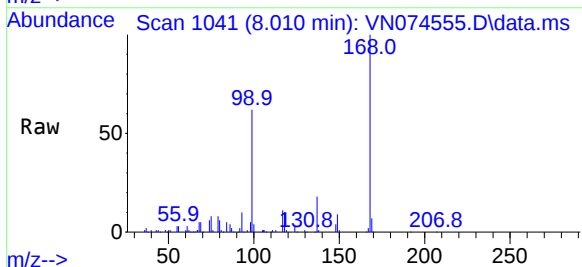
Tgt Ion: 56 Resp: 8975

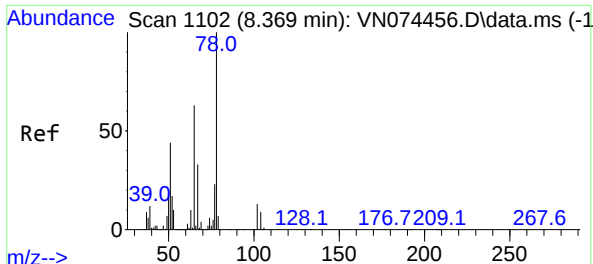
Ion Ratio Lower Upper

56 100

69 141.1 27.8 41.8#

84 134.7 76.9 115.3#

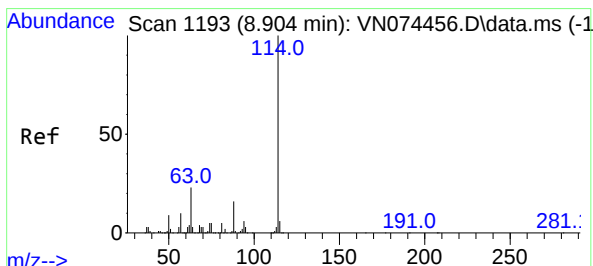
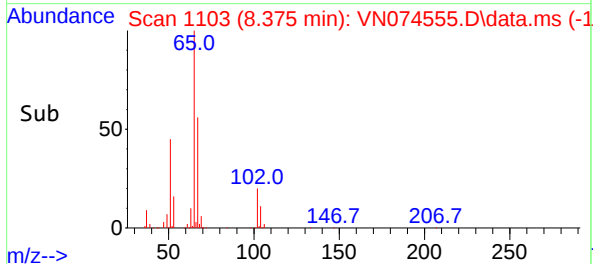
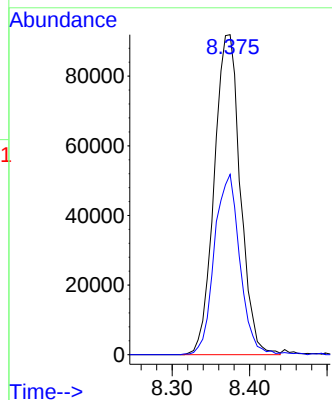
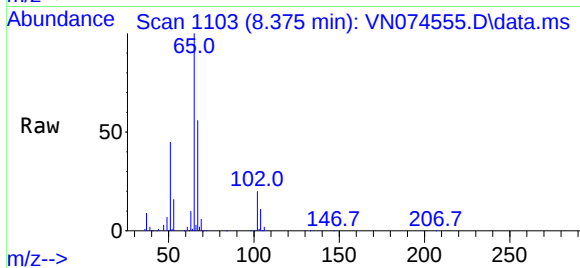




#33
1,2-Dichloroethane-d4
Concen: 46.086 ug/l
RT: 8.375 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

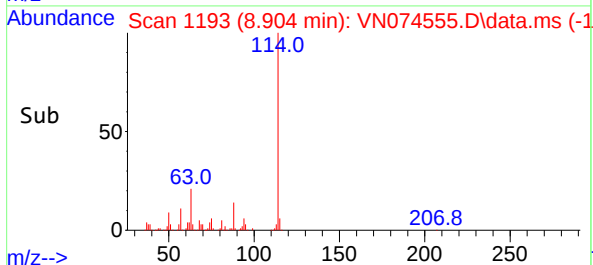
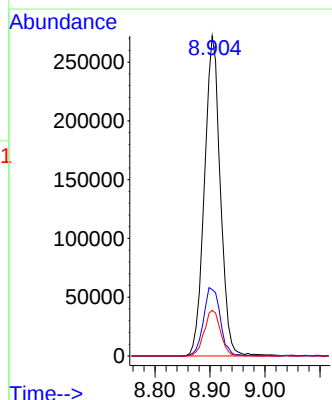
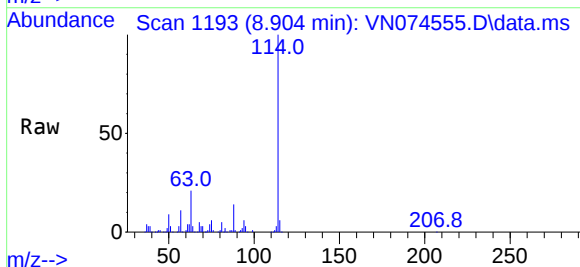
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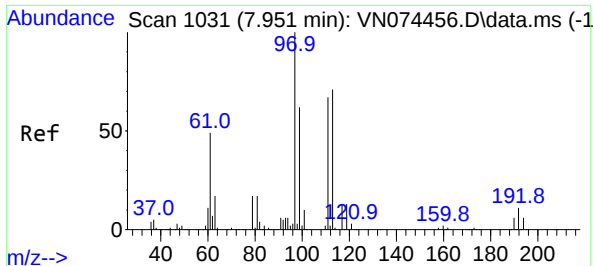
Tgt Ion: 65 Resp: 215037
Ion Ratio Lower Upper
65 100
67 54.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 114 Resp: 546289
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.0
88 14.2 0.0 32.6

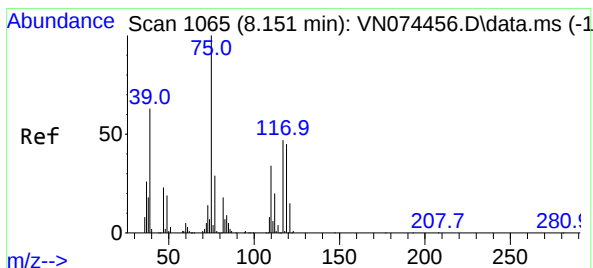
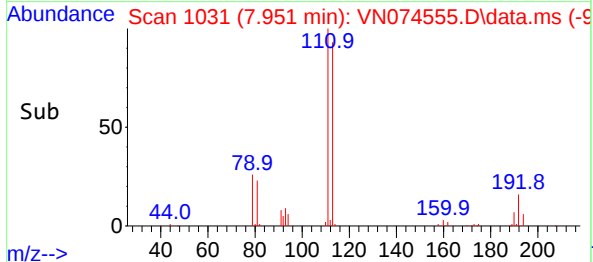
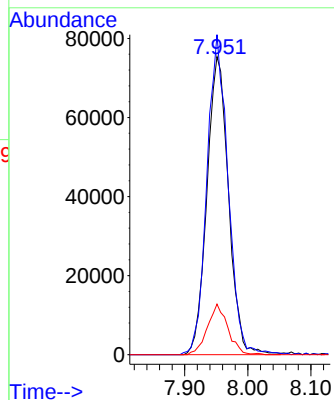
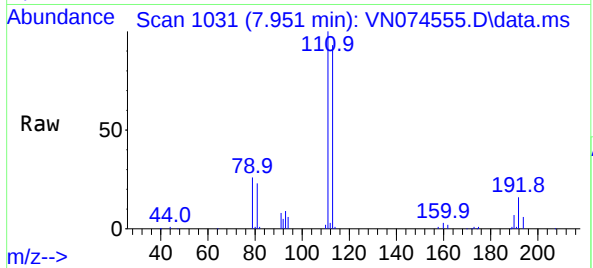




#35
Dibromofluoromethane
Concen: 49.448 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

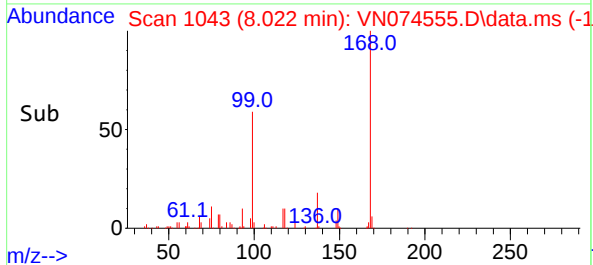
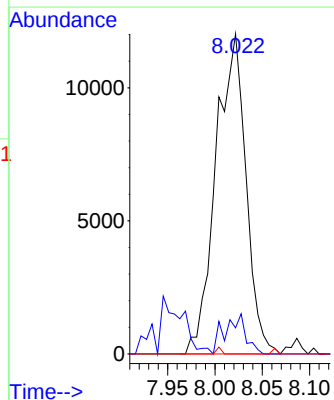
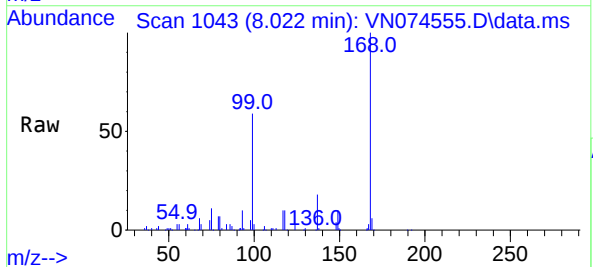
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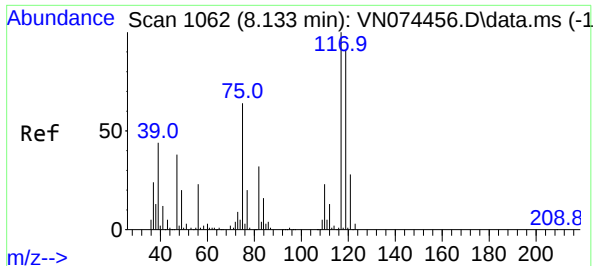
Tgt Ion:113 Resp: 179443
Ion Ratio Lower Upper
113 100
111 105.1 81.4 122.0
192 15.9 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.134 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 75 Resp: 26556
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

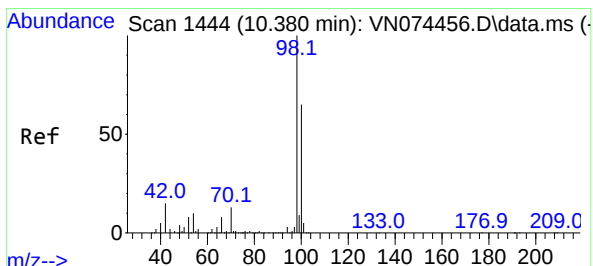
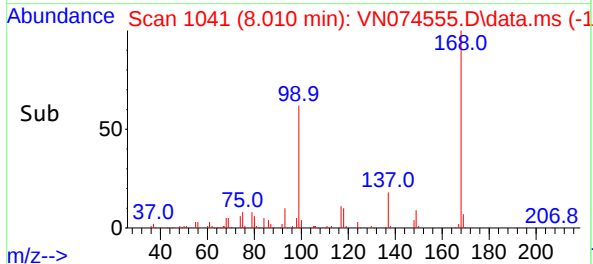
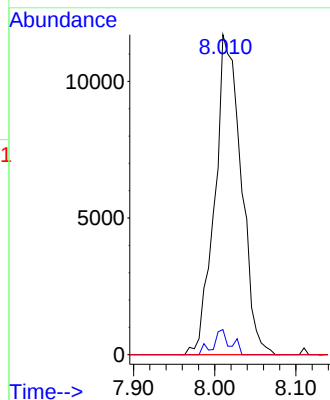
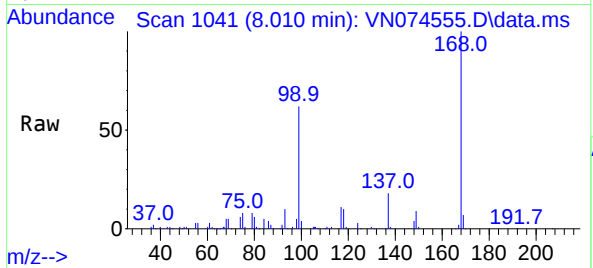




#38
Carbon Tetrachloride
Concen: 4.469 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

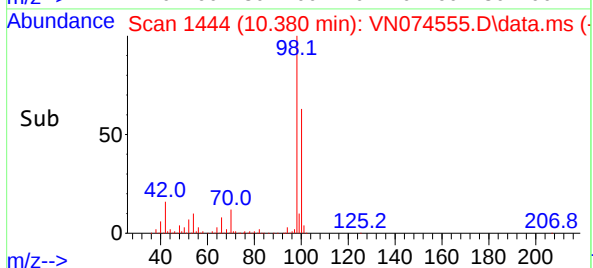
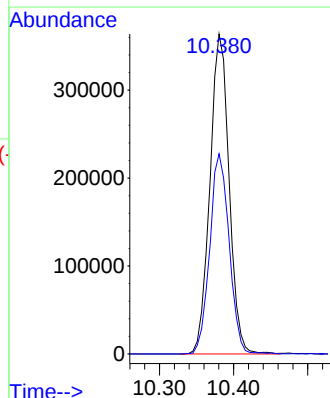
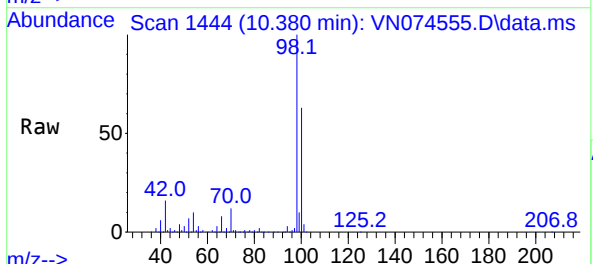
Instrument :
MSVOA_N
ClientSampleId :
MW-64

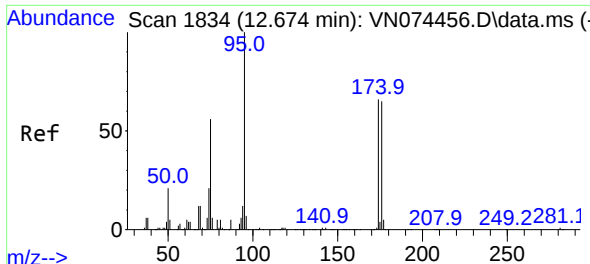
Tgt Ion:117 Resp: 26501
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 46.575 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 98 Resp: 653643
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

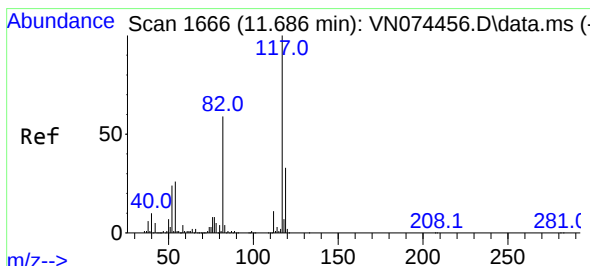
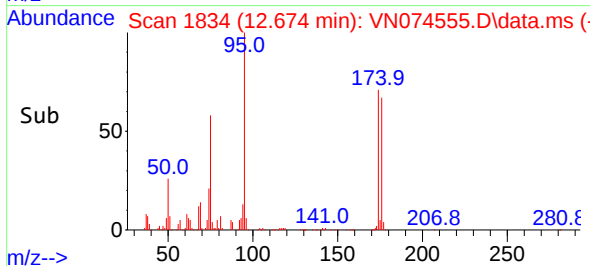
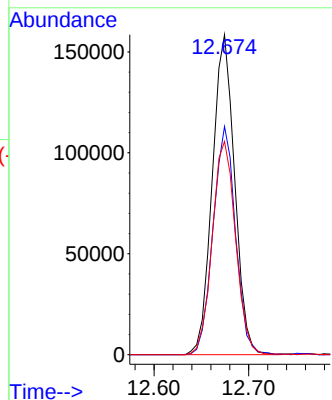
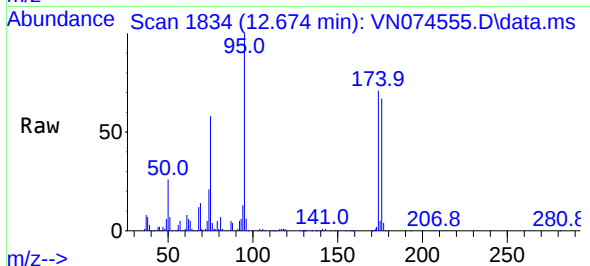




#62
4-Bromofluorobenzene
Concen: 53.951 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

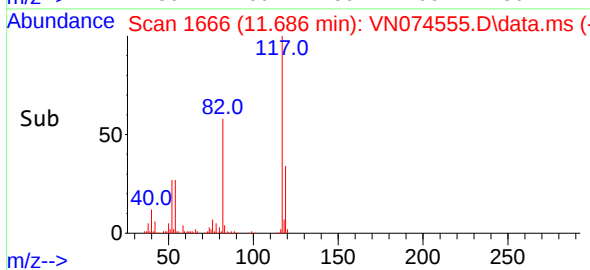
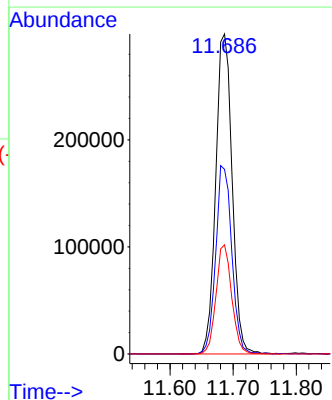
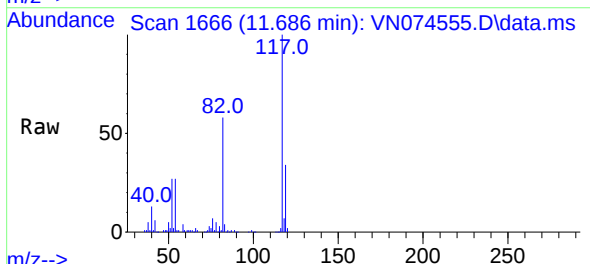
Instrument :
MSVOA_N
ClientSampleId :
MW-64

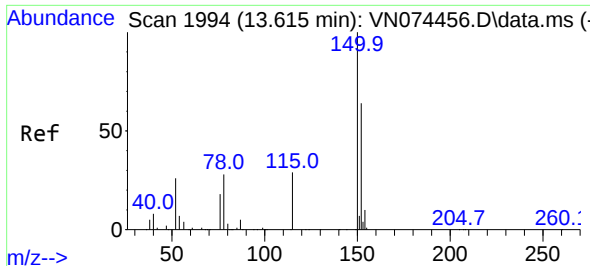
Tgt Ion: 95 Resp: 259327
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 69.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

Tgt Ion: 117 Resp: 538869
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 34.1 25.4 38.0



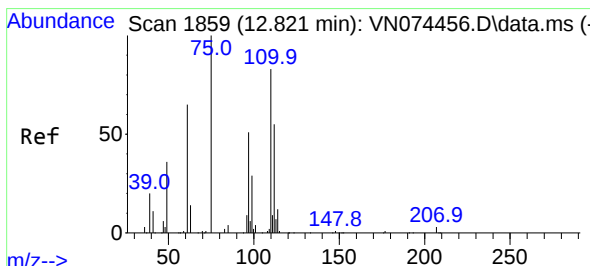
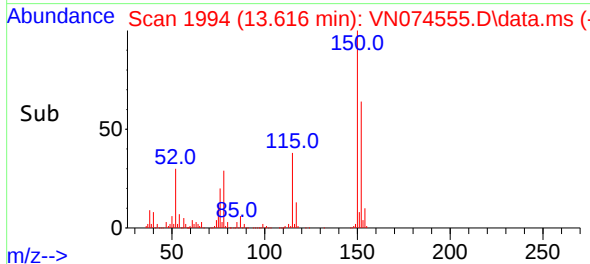
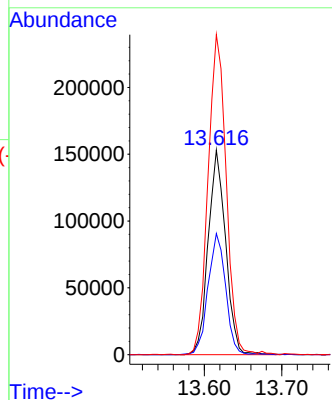
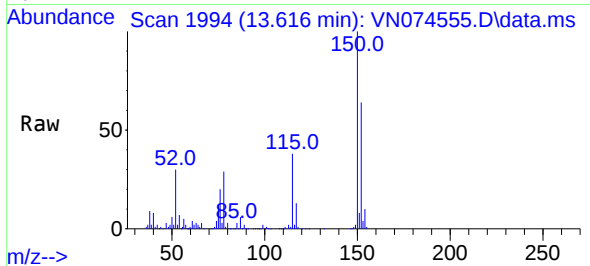


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.001 min
 Lab File: VN074555.D
 Acq: 17 Sep 2022 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-64

Tgt Ion:152 Resp: 239685

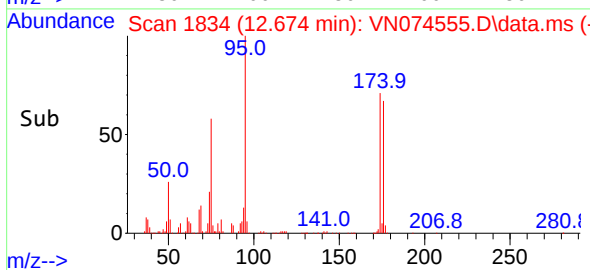
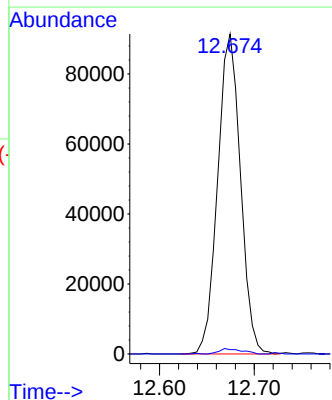
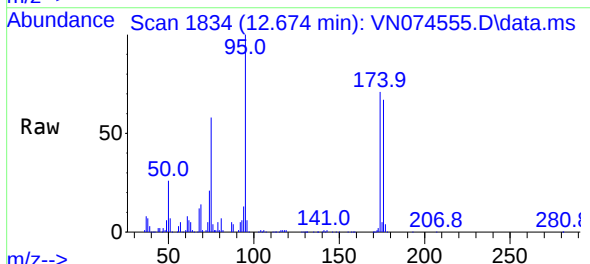
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.9	86.7
150	162.1	0.0	356.2

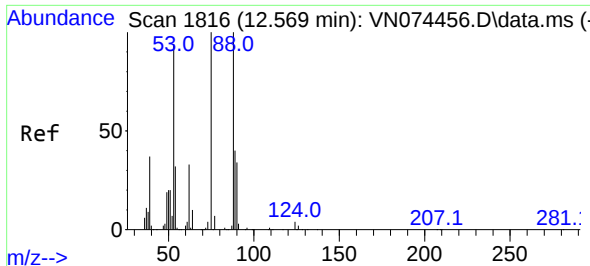


#76
 1,2,3-Trichloropropane
 Concen: 20.720 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN074555.D
 Acq: 17 Sep 2022 14:51

Tgt Ion: 75 Resp: 152868

Ion	Ratio	Lower	Upper
75	100		
77	1.7	98.5	295.5#

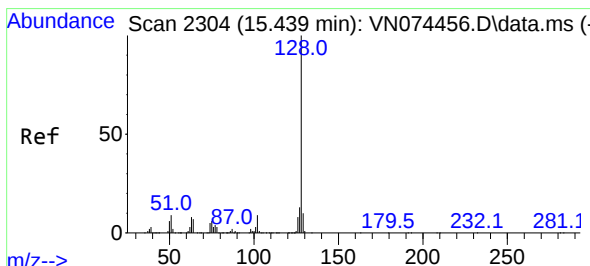
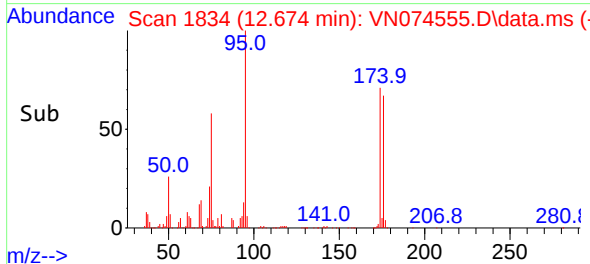
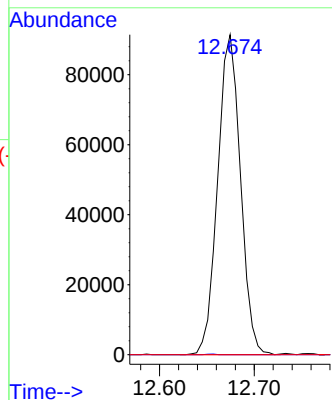
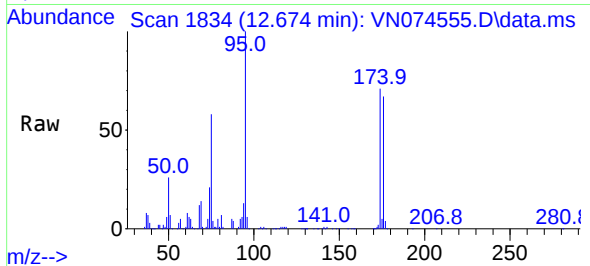




#81
trans-1,4-Dichloro-2-butene
Concen: 44.721 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

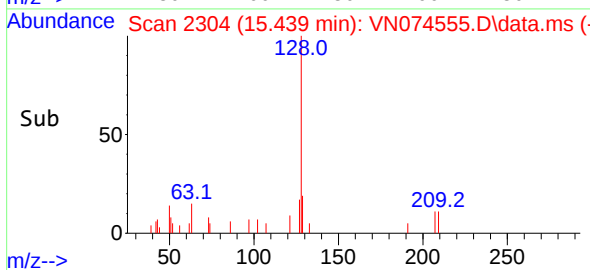
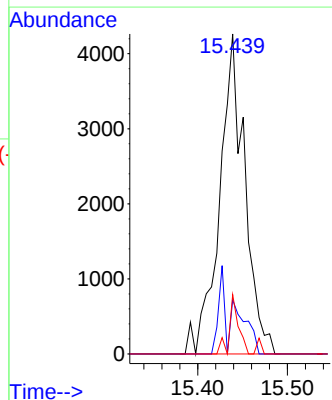
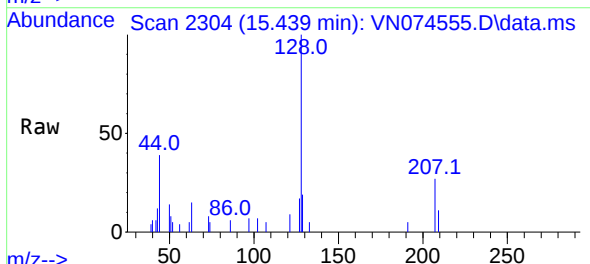
Instrument :
MSVOA_N
ClientSampleId :
MW-64

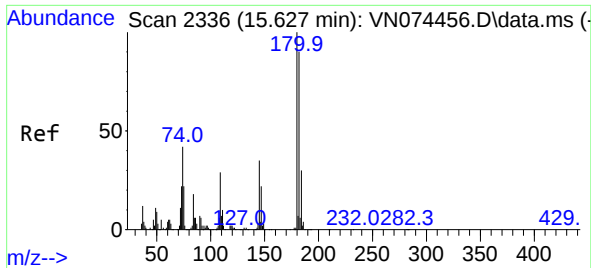
Tgt Ion: 75 Resp: 152868
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 1.983 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074555.D
Acq: 17 Sep 2022 14:51

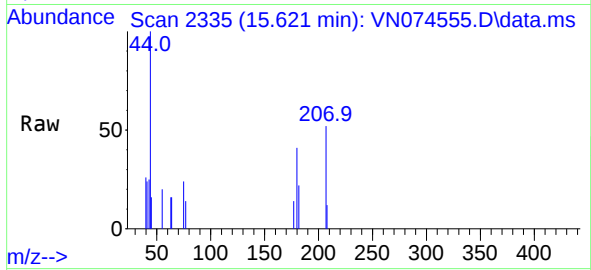
Tgt Ion:128 Resp: 8339
Ion Ratio Lower Upper
128 100
127 6.5 10.3 15.5#
129 6.7 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.461 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN074555.D
 Acq: 17 Sep 2022 14:51

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-64



Tgt Ion:180 Resp: 632

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	10.0	15.5	46.5#

