

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074570.D
 Acq On : 17 Sep 2022 20:56
 Operator : JC\MD
 Sample : N4647-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1036-MW-03A(17)

Quant Time: Sep 19 02:59:16 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)

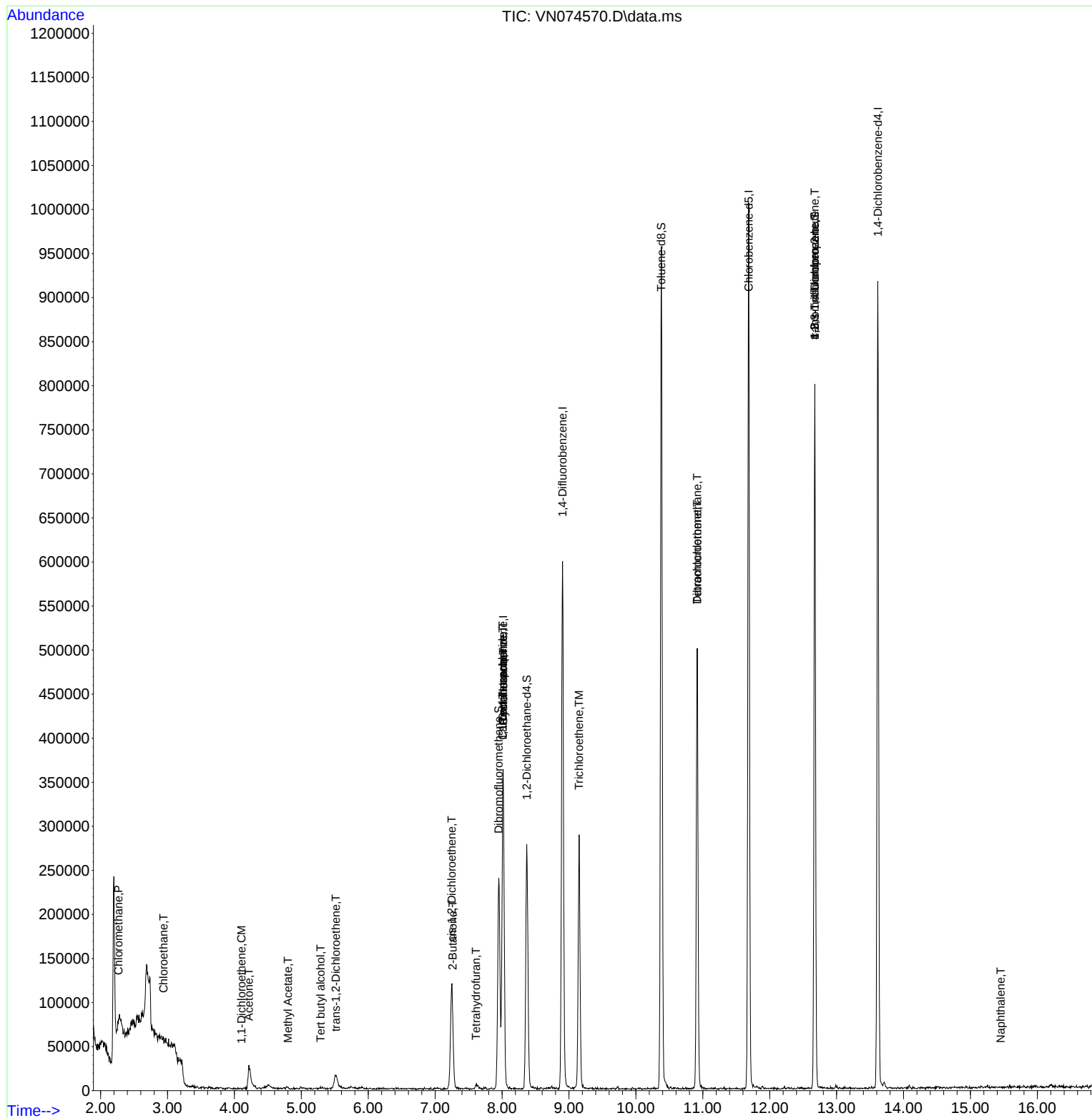
Internal Standards						
1) Pentafluorobenzene	8.016	168	251130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	488723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	494619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	220370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204691	48.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.080%
35) Dibromofluoromethane	7.951	113	164401	50.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	10.380	98	612334	48.770	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.674	95	231595	53.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	2386	0.775	ug/l #	81
6) Chloroethane	2.940	64	7201	2.143	ug/l #	48
11) Tert butyl alcohol	5.287	59	1169	0.842	ug/l #	72
12) 1,1-Dichloroethene	4.104	96	103	0.715	ug/l #	10
16) Acetone	4.216	43	45115	16.546	ug/l	97
18) Methyl Acetate	4.798	43	3265	0.386	ug/l #	82
21) trans-1,2-Dichloroethene	5.516	96	8802	2.831	ug/l #	73
25) 2-Butanone	7.263	43	997	0.220	ug/l #	53
27) cis-1,2-Dichloroethene	7.245	96	67516	14.519	ug/l	95
29) Tetrahydrofuran	7.610	42	4278	1.437	ug/l #	36
31) Cyclohexane	8.016	56	10300	1.362	ug/l #	56
36) 1,1-Dichloropropene	8.010	75	24850	4.324	ug/l #	52
38) Carbon Tetrachloride	8.010	117	28172	5.310	ug/l #	16
44) Trichloroethene	9.151	130	86101	22.393	ug/l	99
60) Dibromochloromethane	10.916	129	90173	21.341	ug/l #	11
64) Tetrachloroethene	10.916	164	93532	27.555	ug/l	90
76) 1,2,3-Trichloropropane	12.674	75	139597	20.580	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	139597	44.418	ug/l #	10
95) Naphthalene	15.451	128	678	1.624	ug/l #	69

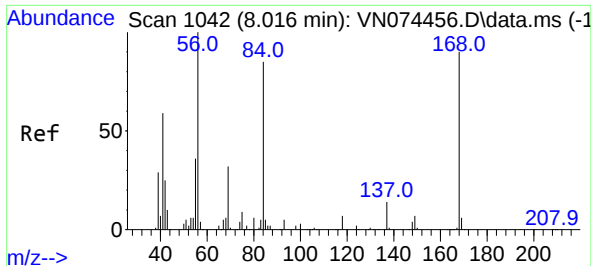
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074570.D
Acq On : 17 Sep 2022 20:56
Operator : JC\MD
Sample : N4647-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

Quant Time: Sep 19 02:59:16 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

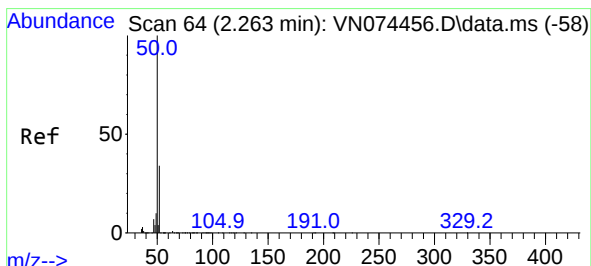
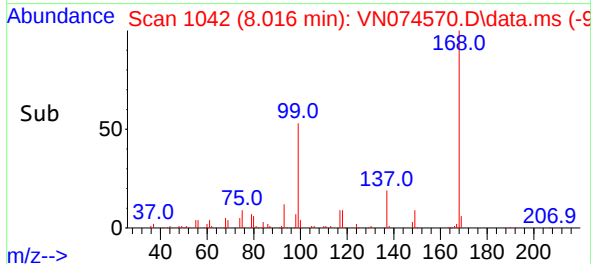
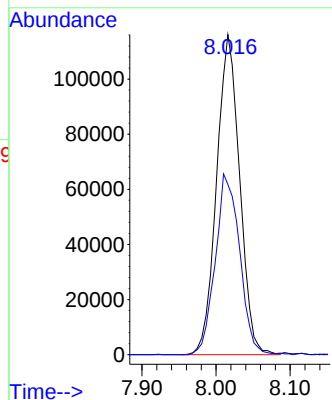
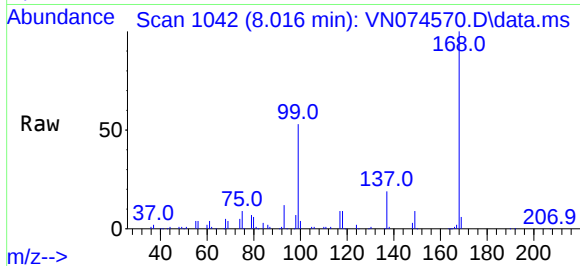




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

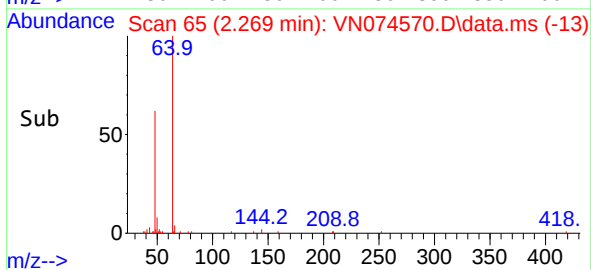
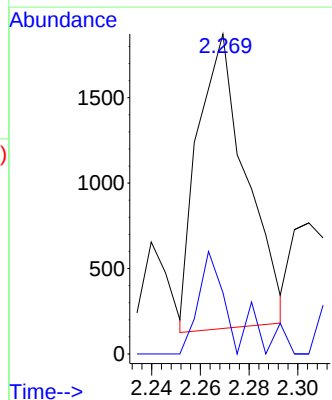
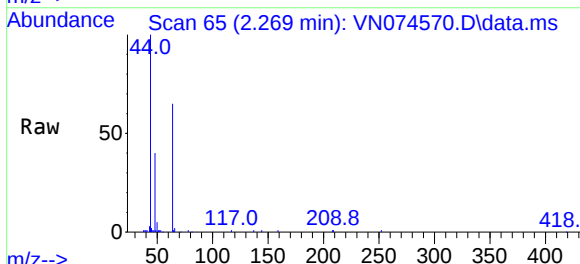
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

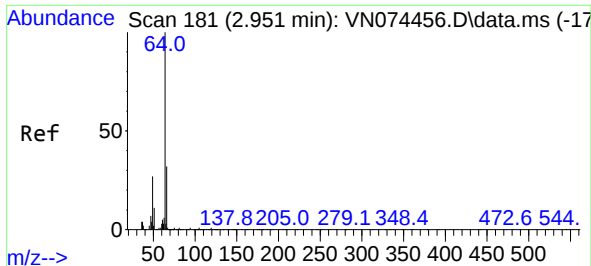
Tgt Ion:168 Resp: 251130
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#3
Chloromethane
Concen: 0.775 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 50 Resp: 2386
Ion Ratio Lower Upper
50 100
52 21.5 25.7 38.5#

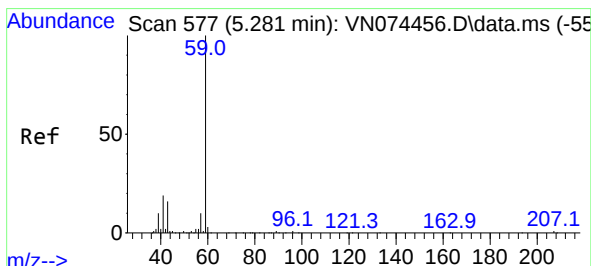
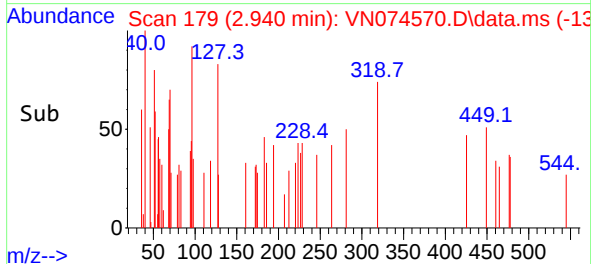
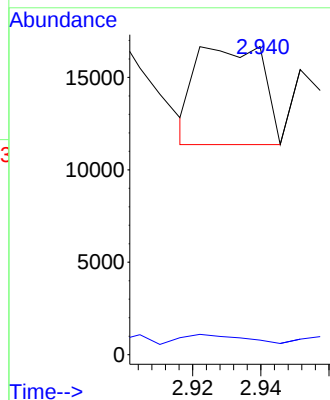
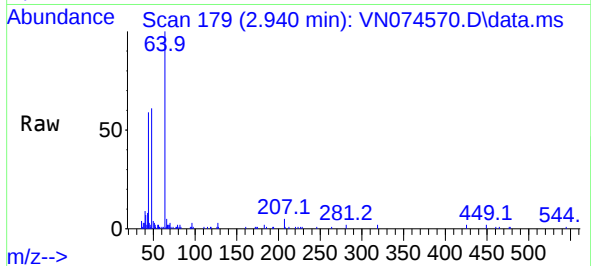




#6
Chloroethane
Concen: 2.143 ug/l
RT: 2.940 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

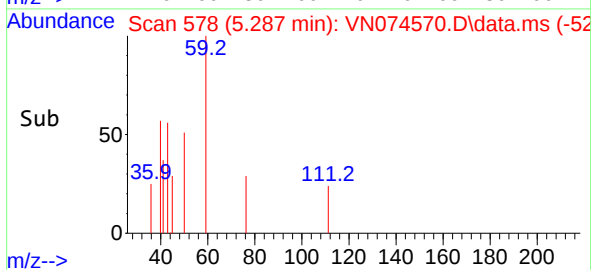
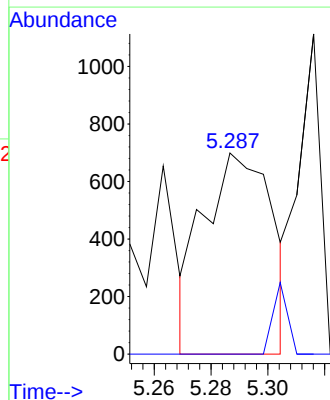
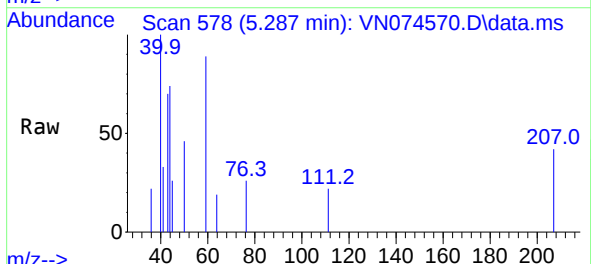
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

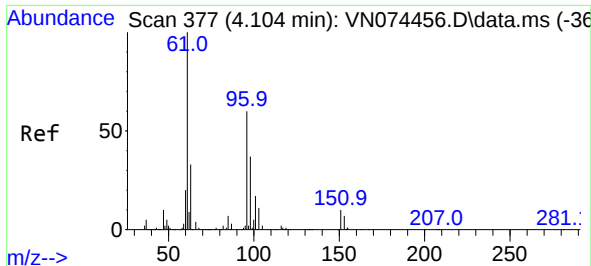
Tgt Ion: 64 Resp: 7201
Ion Ratio Lower Upper
64 100
66 3.4 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.842 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 59 Resp: 1169
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

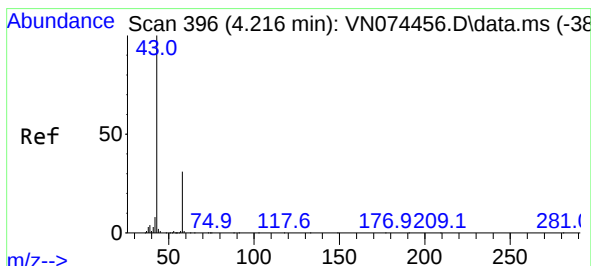
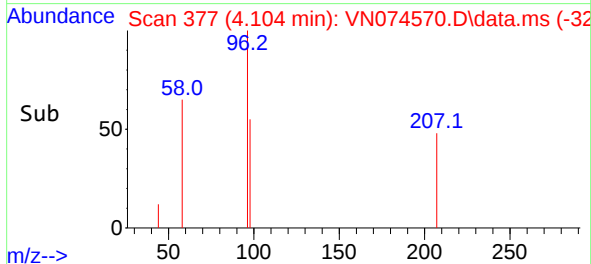
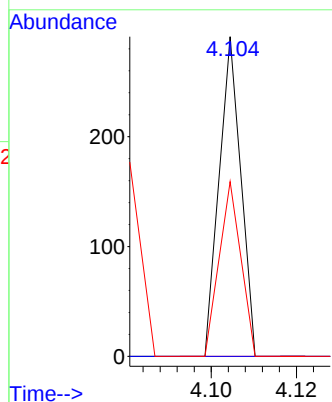
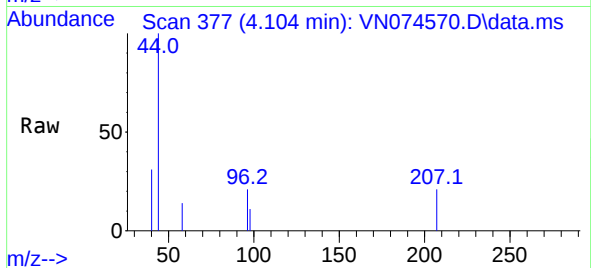




#12
1,1-Dichloroethene
Concen: 0.715 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

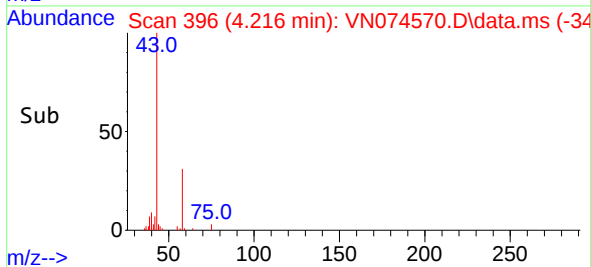
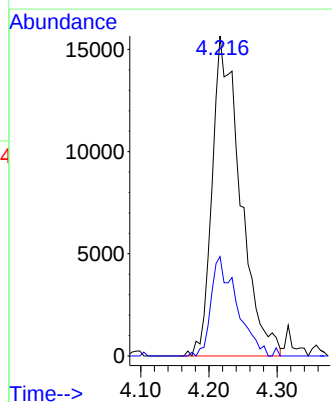
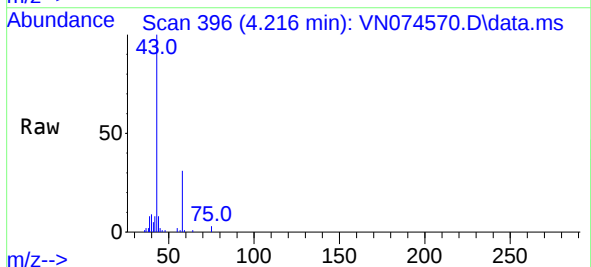
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

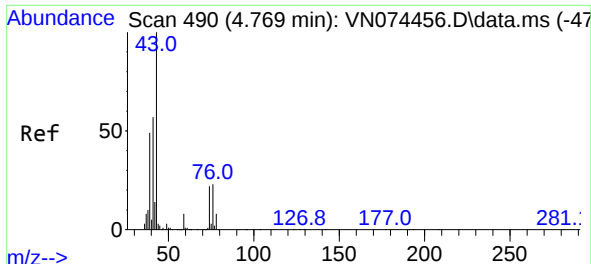
Tgt Ion: 96 Resp: 103
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 54.6 51.2 76.8



#16
Acetone
Concen: 16.546 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 43 Resp: 45115
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0

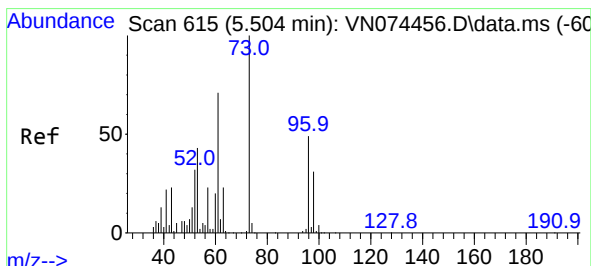
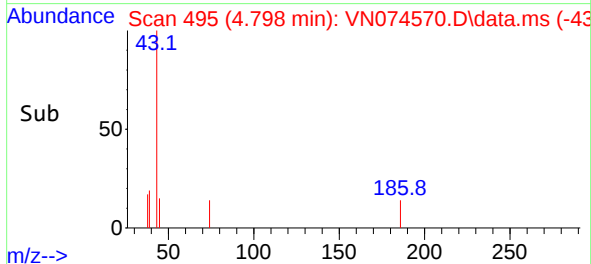
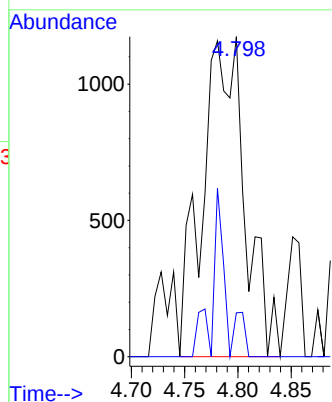
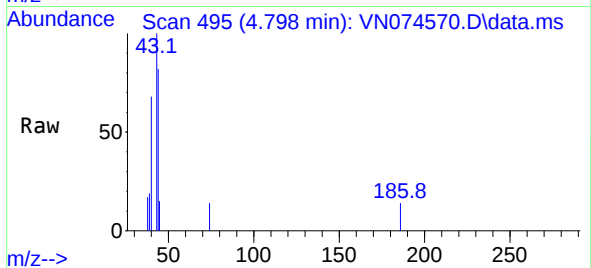




#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

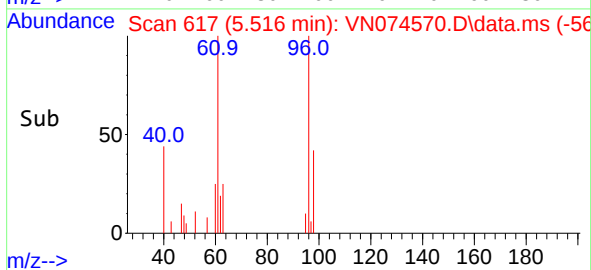
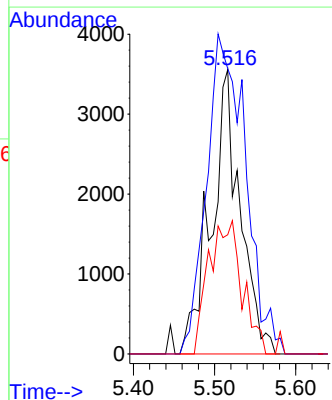
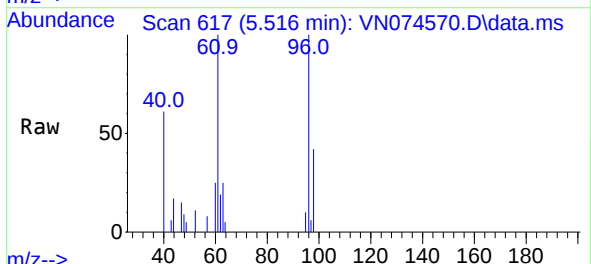
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

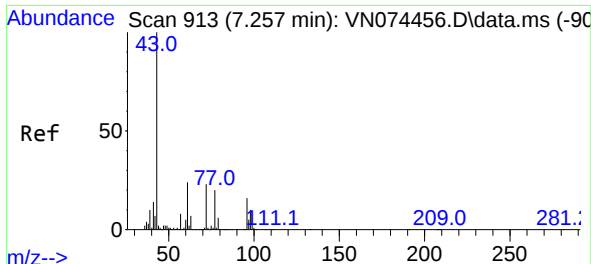
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
74 17.5 21.6 32.4#



#21
trans-1,2-Dichloroethene
Concen: 2.831 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 96 Resp: 8802
Ion Ratio Lower Upper
96 100
61 100.4 105.8 158.8#
98 42.0 50.3 75.5#





#25

2-Butanone

Concen: 0.220 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074570.D

Acq: 17 Sep 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

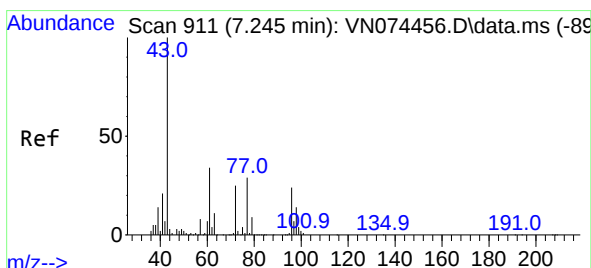
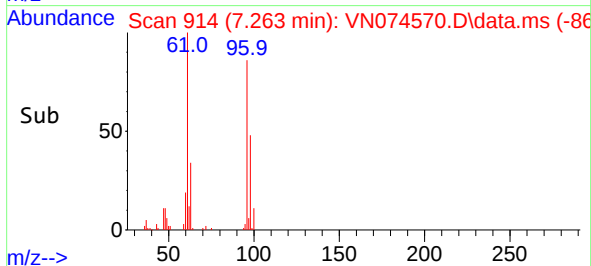
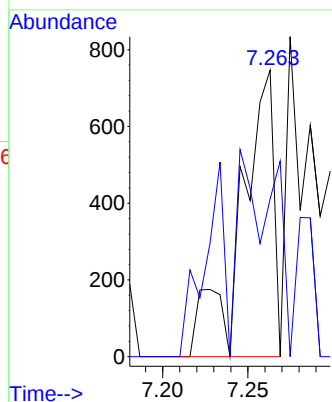
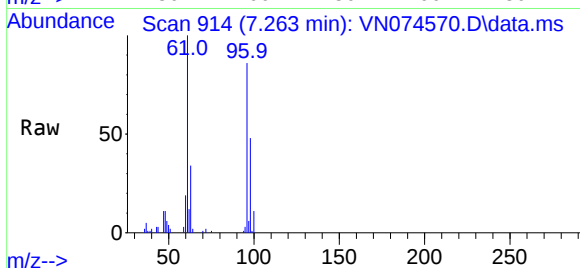
1036-MW-03A(17)

Tgt Ion: 43 Resp: 997

Ion Ratio Lower Upper

43 100

72 55.0 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 14.519 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074570.D

Acq: 17 Sep 2022 20:56

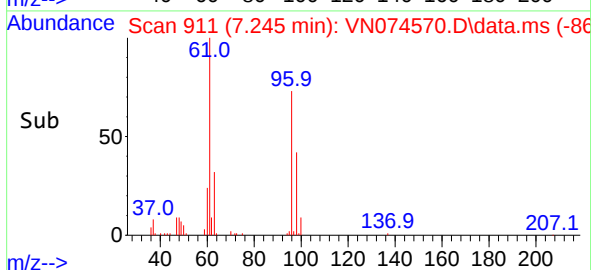
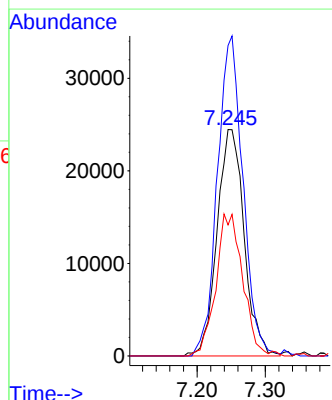
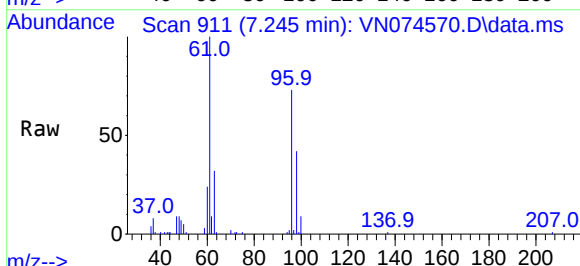
Tgt Ion: 96 Resp: 67516

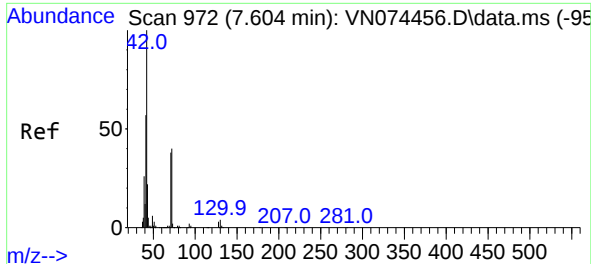
Ion Ratio Lower Upper

96 100

61 133.6 0.0 280.6

98 61.8 0.0 128.4

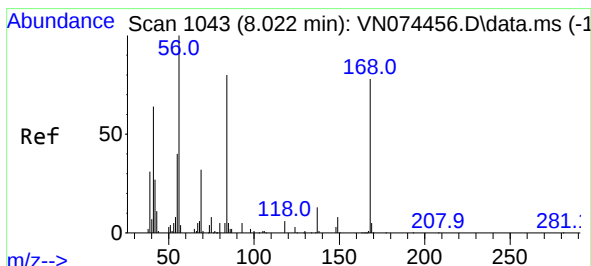
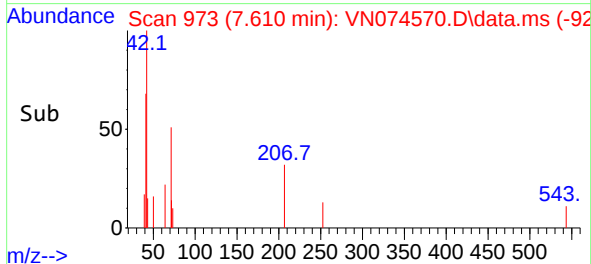
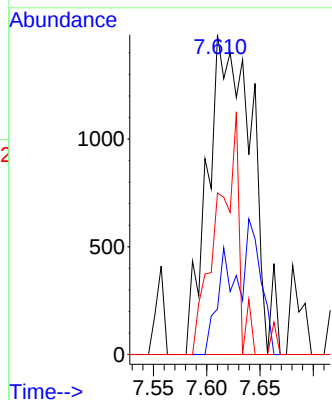
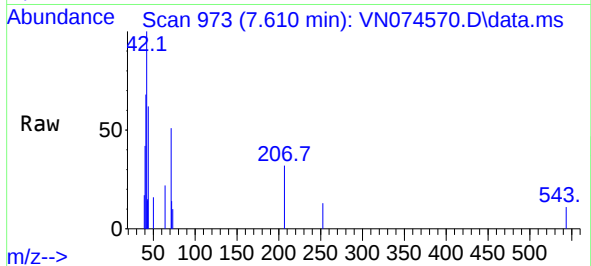




#29
Tetrahydrofuran
Concen: 1.437 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

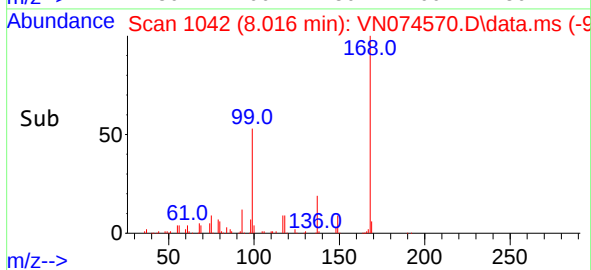
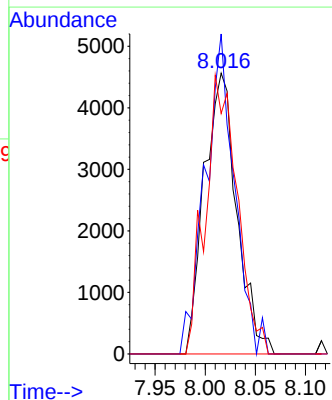
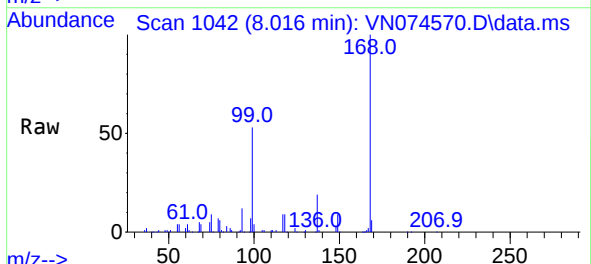
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

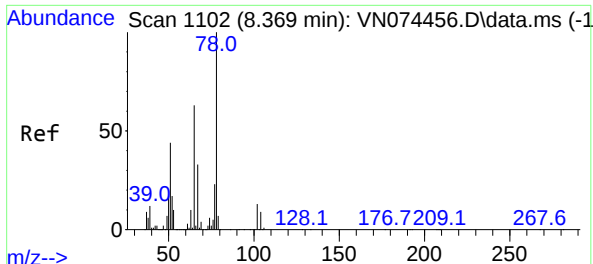
Tgt Ion: 42 Resp: 4278
Ion Ratio Lower Upper
42 100
72 9.7 39.7 59.5#
71 0.0 36.6 55.0#



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 56 Resp: 10300
Ion Ratio Lower Upper
56 100
69 114.0 27.8 41.8#
84 85.6 76.9 115.3

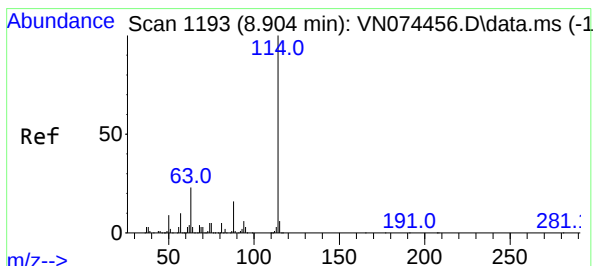
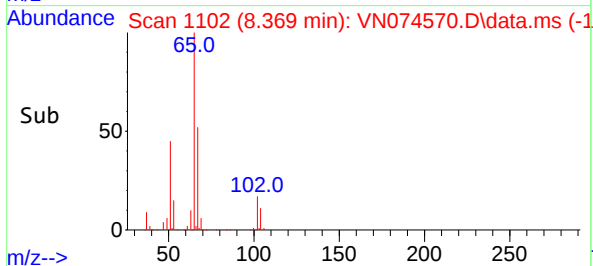
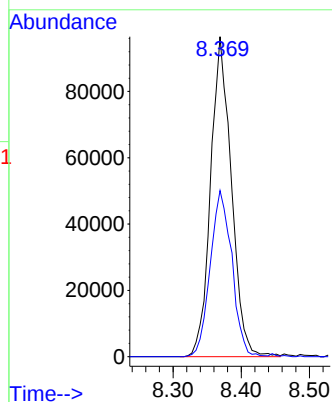
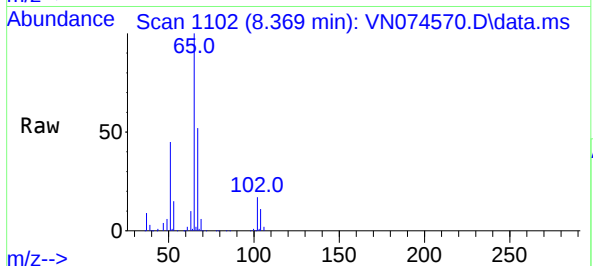




#33
1,2-Dichloroethane-d4
Concen: 48.038 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

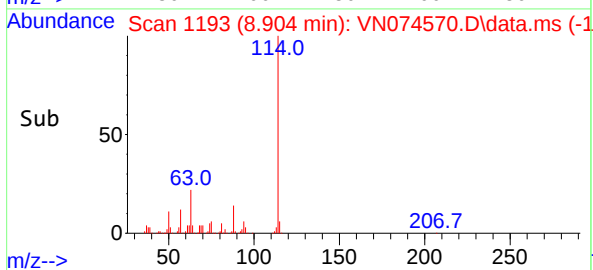
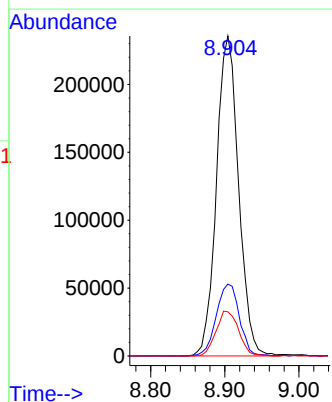
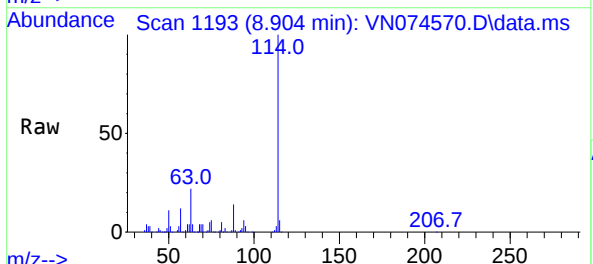
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

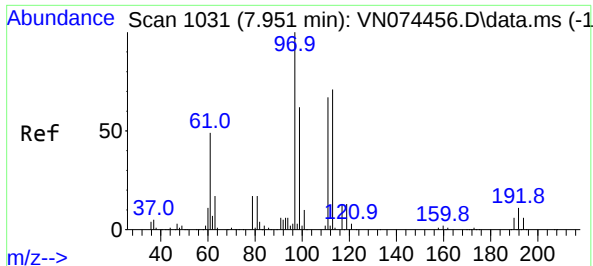
Tgt Ion: 65 Resp: 204691
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion:114 Resp: 488723
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.0
88 13.8 0.0 32.6

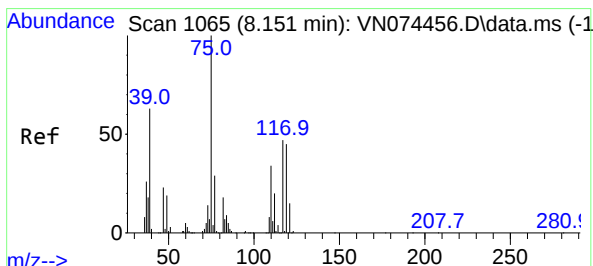
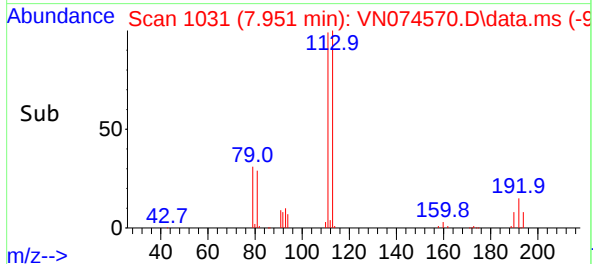
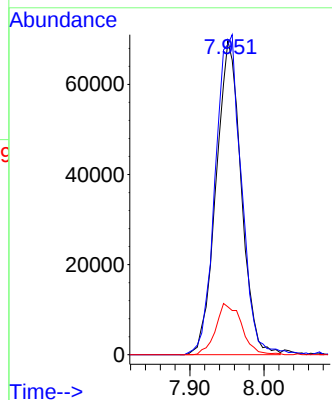
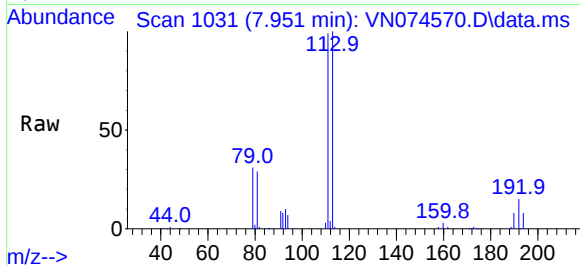




#35
Dibromofluoromethane
Concen: 50.639 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

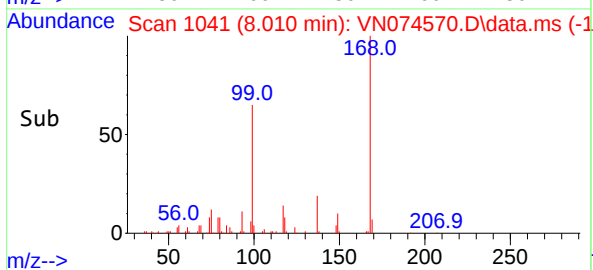
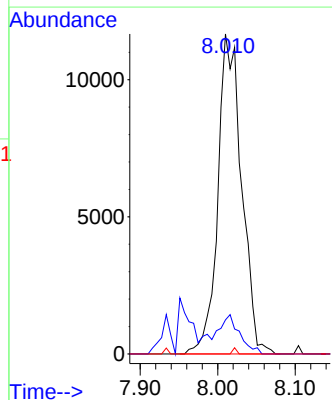
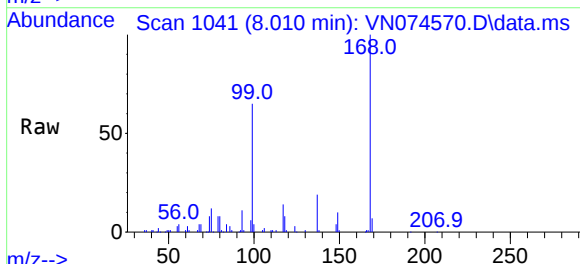
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

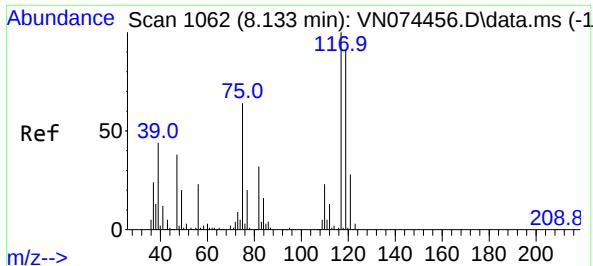
Tgt Ion:113 Resp: 164401
Ion Ratio Lower Upper
113 100
111 106.1 81.4 122.0
192 16.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 75 Resp: 24850
Ion Ratio Lower Upper
75 100
110 12.3 18.3 54.8#
77 0.3 25.1 37.7#

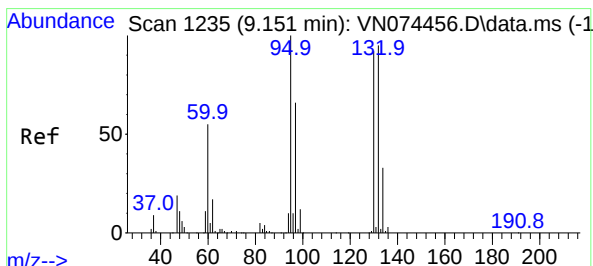
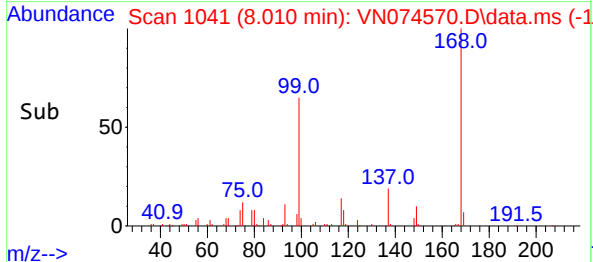
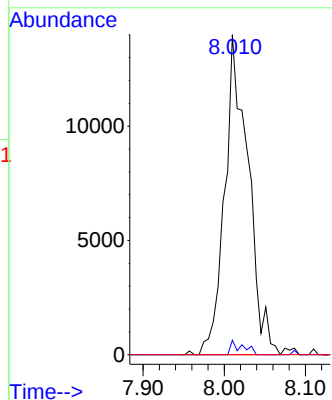
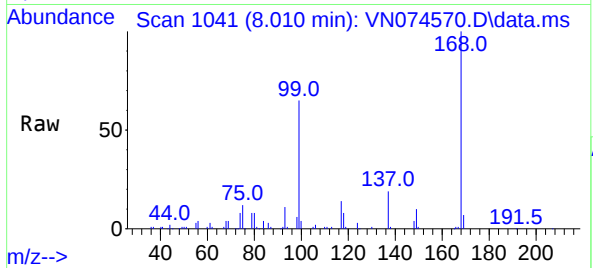




#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 8.010 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

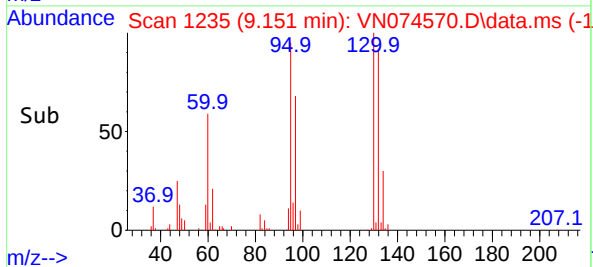
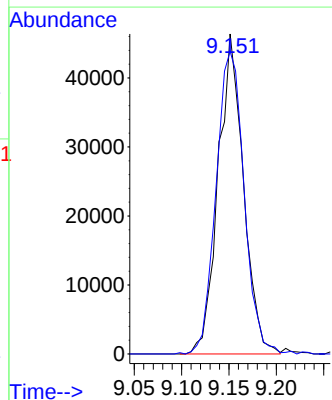
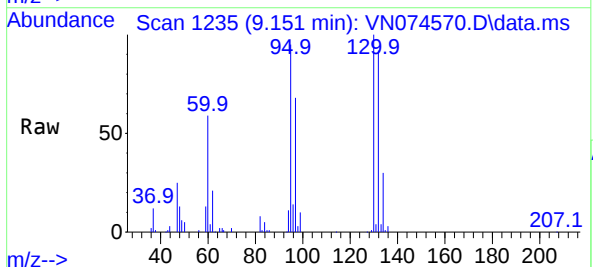
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

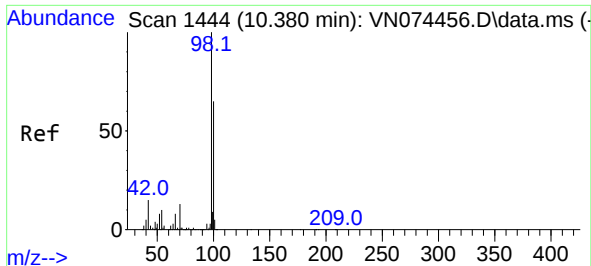
Tgt Ion:117 Resp: 28172
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 22.393 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion:130 Resp: 86101
Ion Ratio Lower Upper
130 100
95 94.2 0.0 186.8

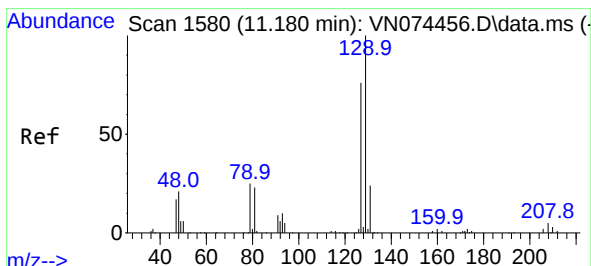
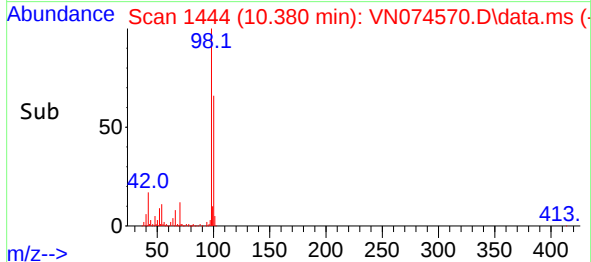
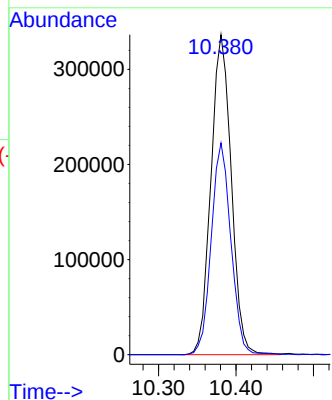
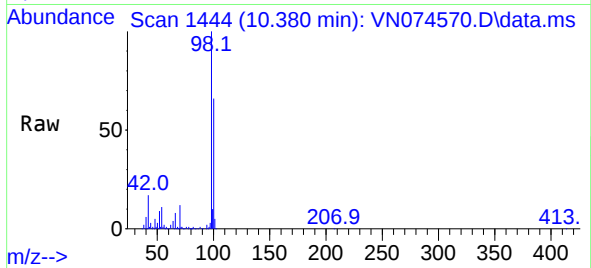




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

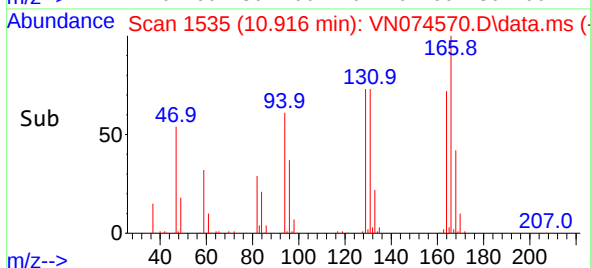
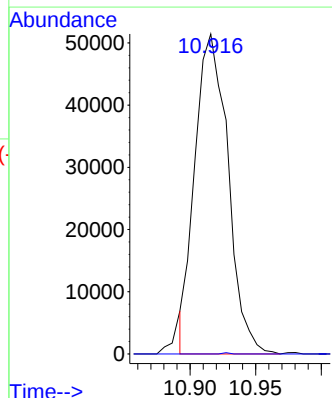
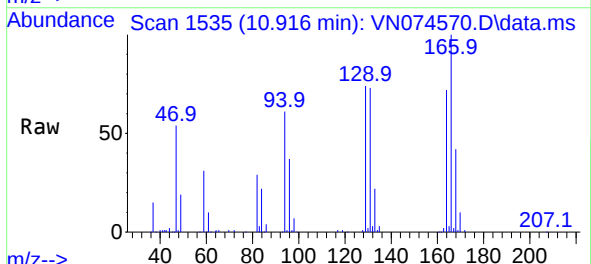
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

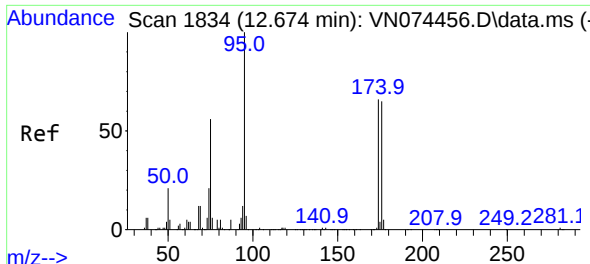
Tgt Ion: 98 Resp: 612334
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#60
Dibromochloromethane
Concen: 21.341 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion:129 Resp: 90173
Ion Ratio Lower Upper
129 100
127 0.1 38.8 116.4#

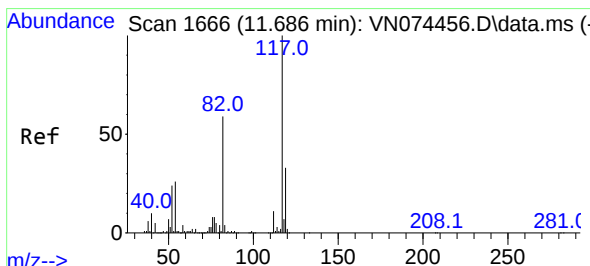
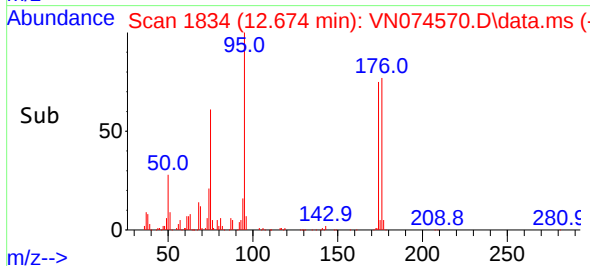
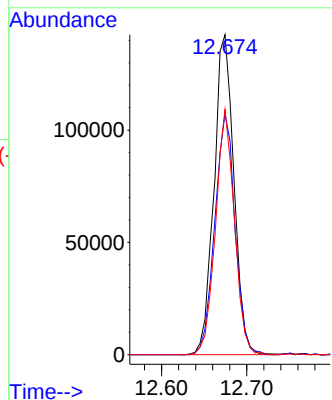
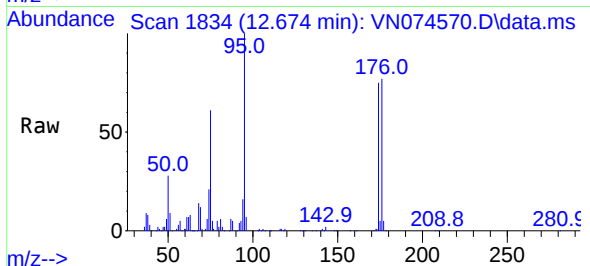




#62
4-Bromofluorobenzene
Concen: 53.857 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

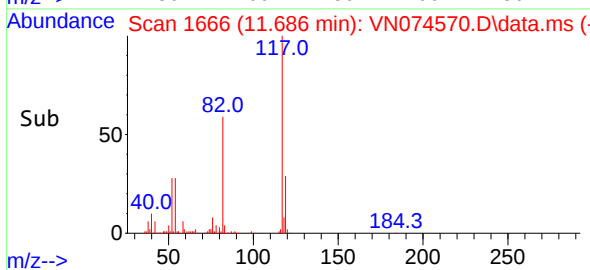
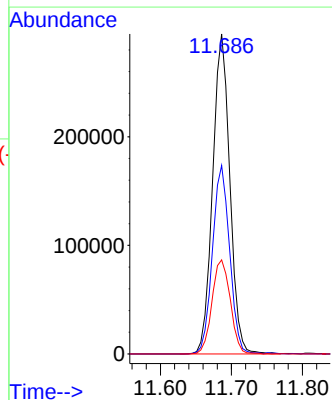
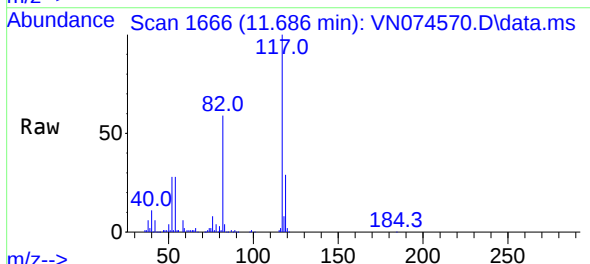
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

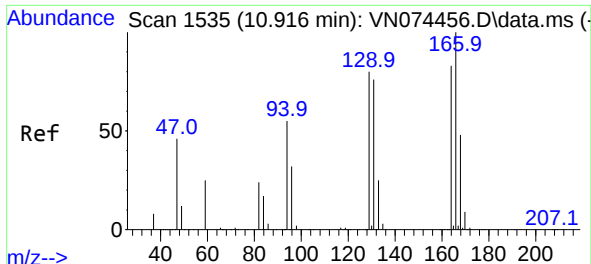
Tgt Ion: 95 Resp: 231595
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 72.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion: 117 Resp: 494619
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 29.4 25.4 38.0



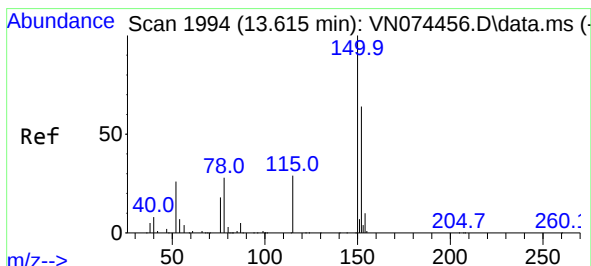
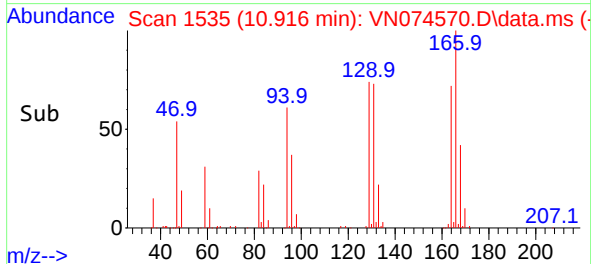
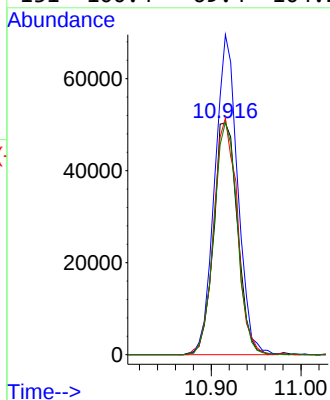
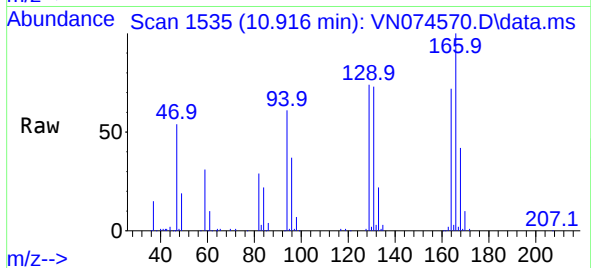


#64
Tetrachloroethene
Concen: 27.555 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

Tgt Ion:164 Resp: 93532

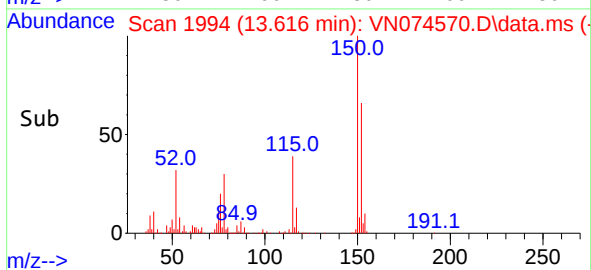
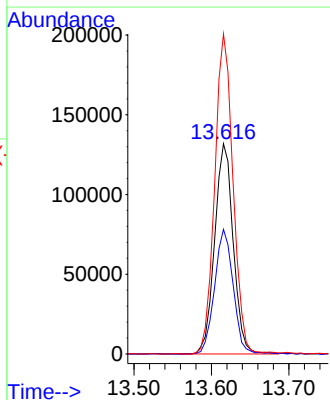
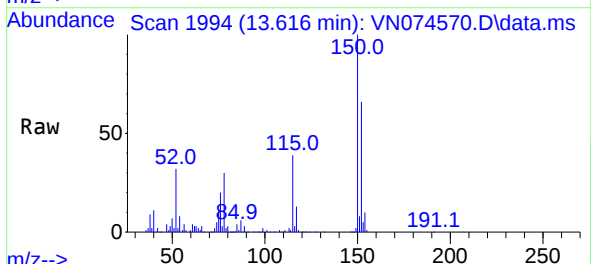
Ion	Ratio	Lower	Upper
164	100		
166	138.1	104.2	156.2
129	102.1	73.9	110.9
131	100.4	69.4	104.2

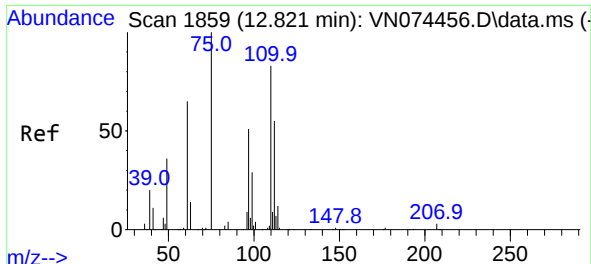


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Tgt Ion:152 Resp: 220370

Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.9	86.7
150	150.5	0.0	356.2

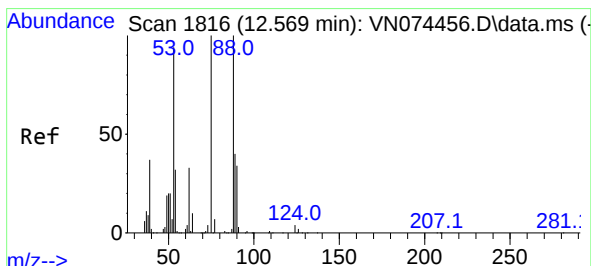
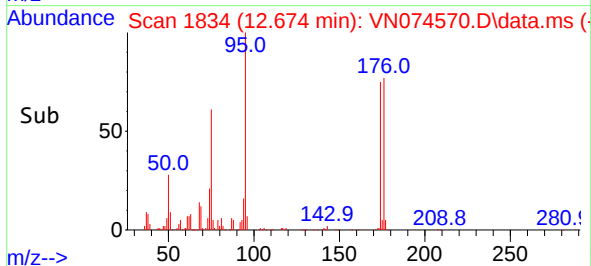
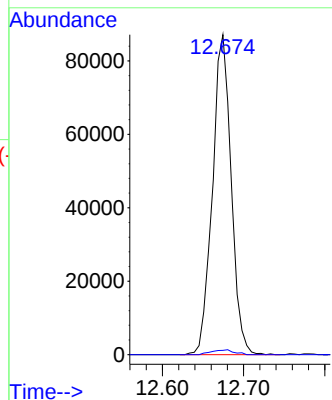
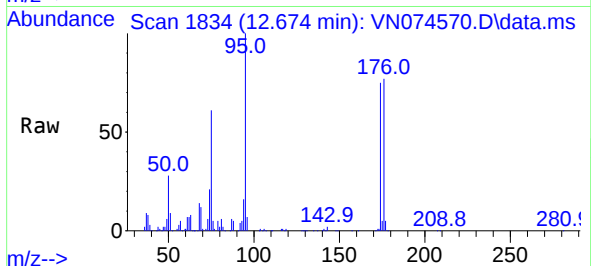




#76
1,2,3-Trichloropropane
Concen: 20.580 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

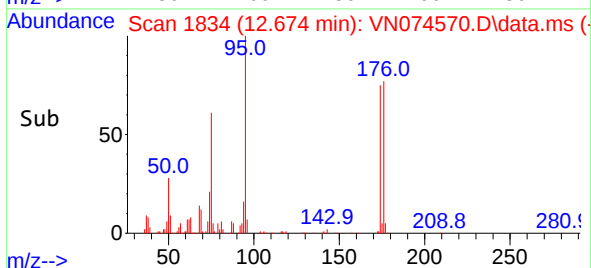
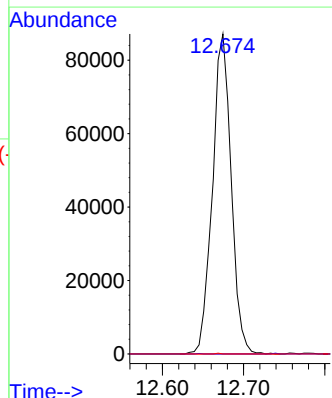
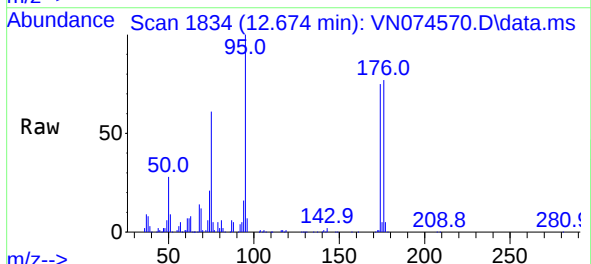
Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)

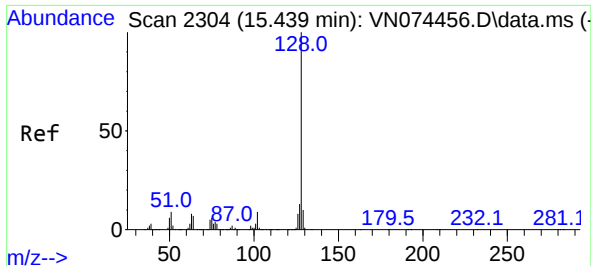
Tgt Ion: 75 Resp: 139597
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.418 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

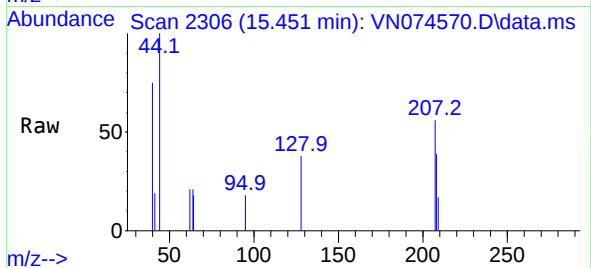
Tgt Ion: 75 Resp: 139597
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 1.624 ug/l
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN074570.D
Acq: 17 Sep 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :
1036-MW-03A(17)



Tgt Ion:128 Resp: 678
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

