

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074690.D
 Acq On : 31 Oct 2022 16:08
 Operator : VA/SY
 Sample : N5303-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1840

Quant Time: Nov 01 01:33:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

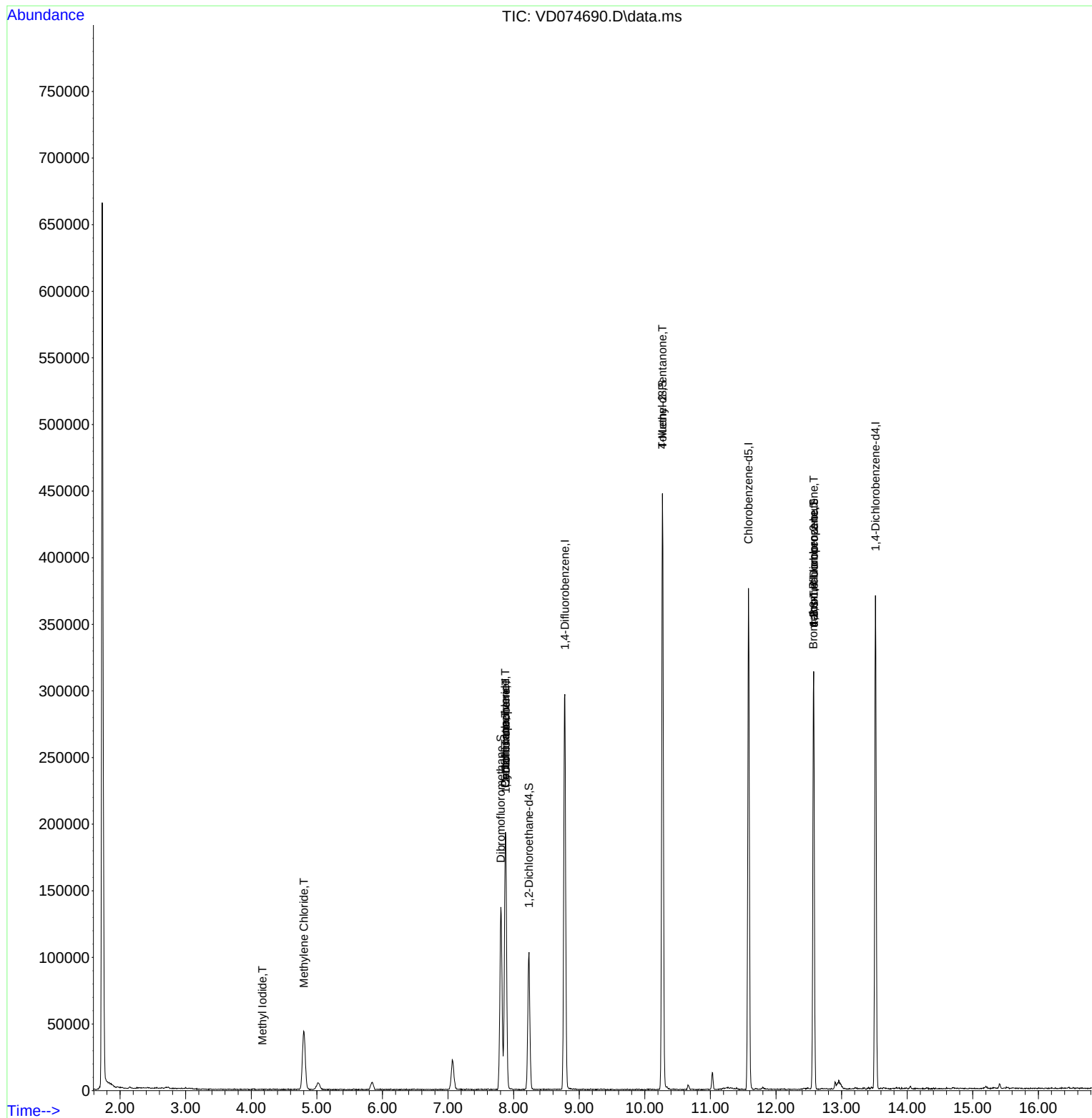
Internal Standards						
1) Pentafluorobenzene	7.875	168	161780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	286962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77817	56.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.980%			
35) Dibromofluoromethane	7.805	113	98517	56.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.440%			
50) Toluene-d8	10.269	98	321630	47.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.460%			
62) 4-Bromofluorobenzene	12.575	95	97773	52.831	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.660%			
Target Compounds						
3) Chloromethane	2.146	50	775	Below Cal	#	37
5) Bromomethane	2.693	94	640	Below Cal		88
10) Methyl Iodide	4.169	142	175	5.529 ug/l	#	43
11) Tert butyl alcohol	5.028	59	5369	Below Cal	#	84
16) Acetone	4.034	43	661	Below Cal	#	37
20) Methylene Chloride	4.805	84	38326	6.864 ug/l		94
25) 2-Butanone	7.063	43	517	Below Cal	#	42
31) Cyclohexane	7.875	56	2606	1.041 ug/l	#	1
36) 1,1-Dichloropropene	7.881	75	11254	4.508 ug/l	#	48
38) Carbon Tetrachloride	7.875	117	15481	6.673 ug/l	#	18
51) 4-Methyl-2-Pentanone	10.269	43	948	1.277 ug/l	#	1
71) Bromoform	12.569	173	1137	1.443 ug/l	#	30
76) 1,2,3-Trichloropropane	12.575	75	48109	59.365 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	48109	157.113 ug/l	#	17

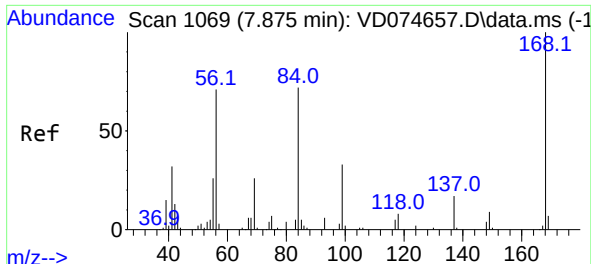
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD074690.D
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NWB-1840

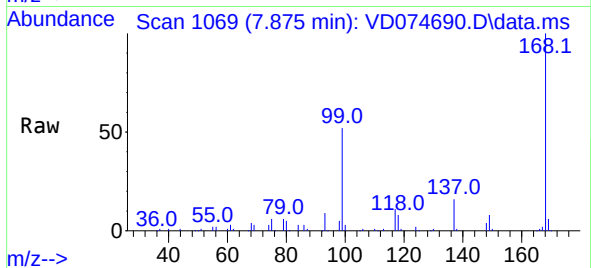
Quant Time: Nov 01 01:33:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
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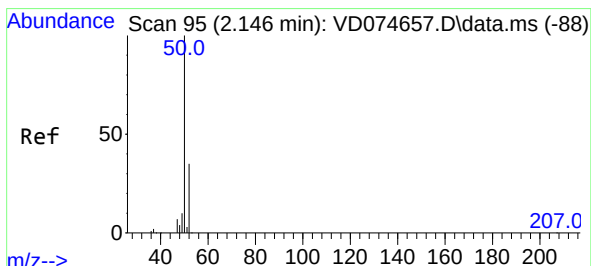
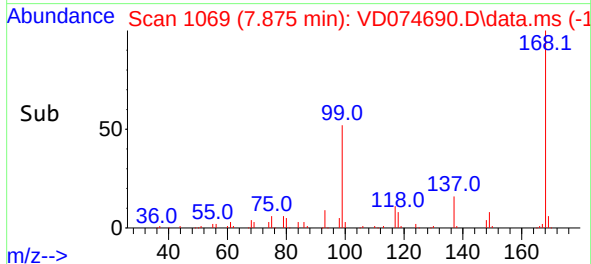
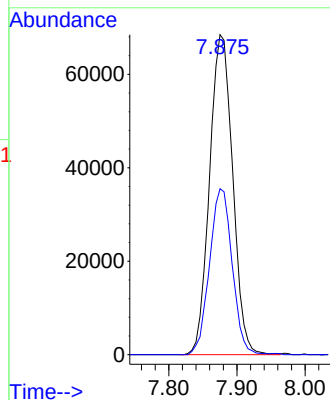


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

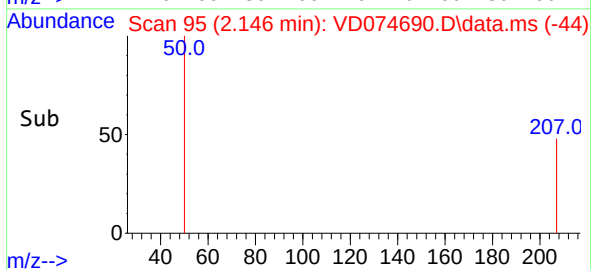
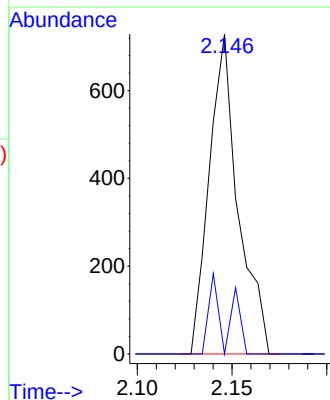
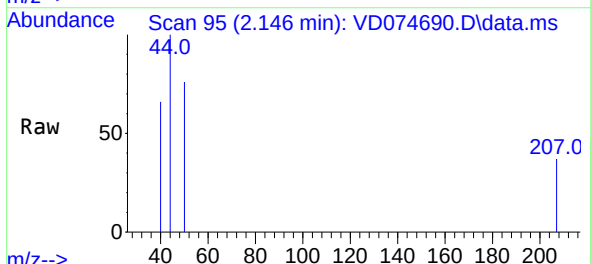


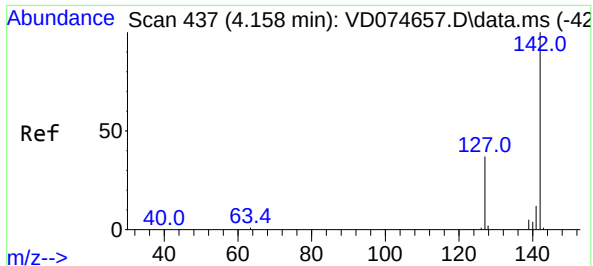
Tgt Ion:168 Resp: 161780
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Tgt Ion: 50 Resp: 775
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

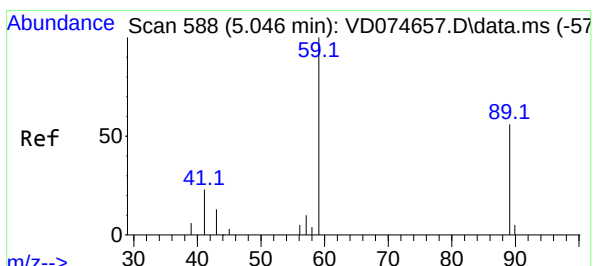
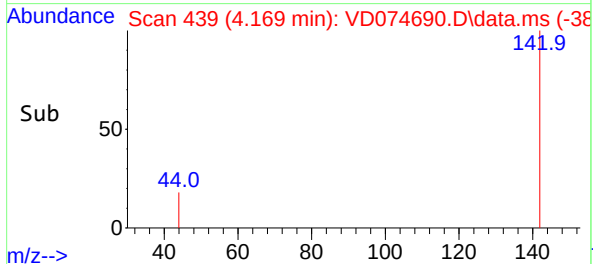
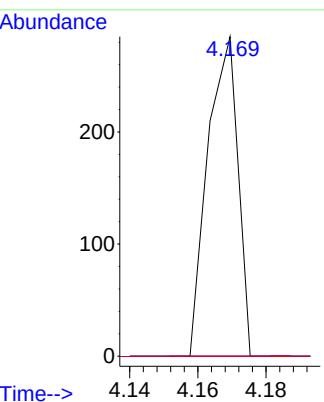
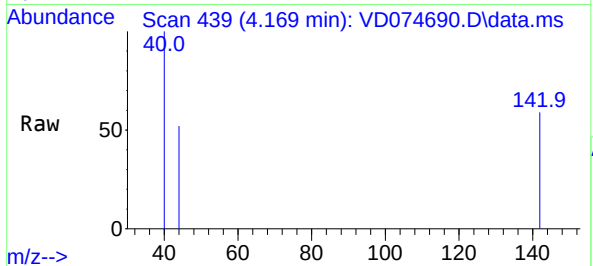




#10
Methyl Iodide
Concen: 5.529 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

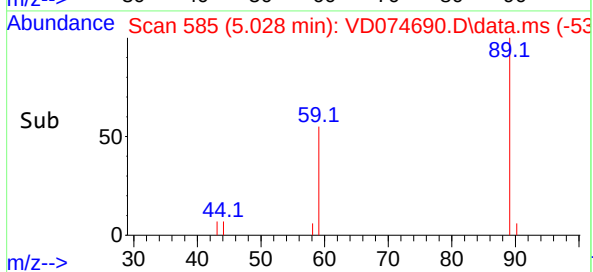
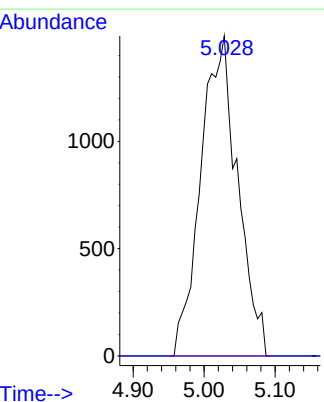
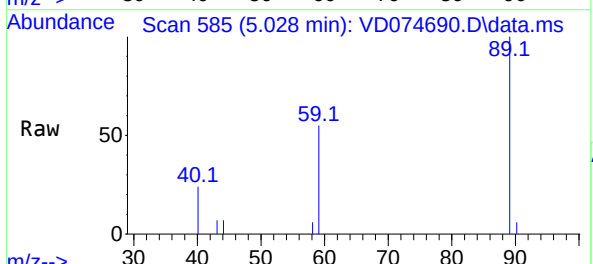
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

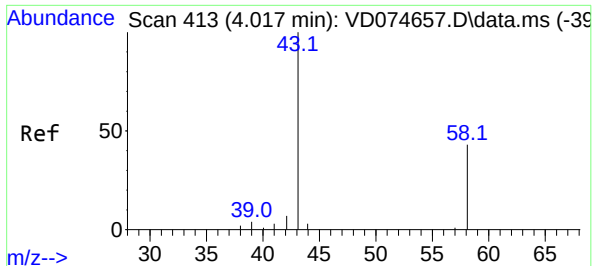
Tgt Ion:142 Resp: 175
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 585
Delta R.T. -0.018 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Tgt Ion: 59 Resp: 5369
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#





#16

Acetone

Concen: Below Cal

RT: 4.034 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

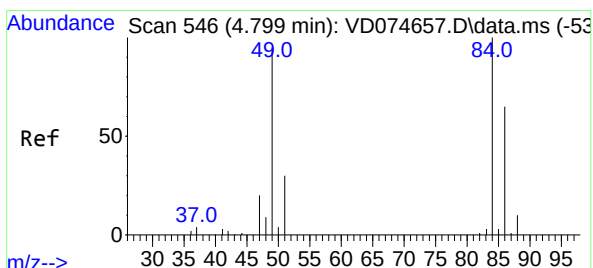
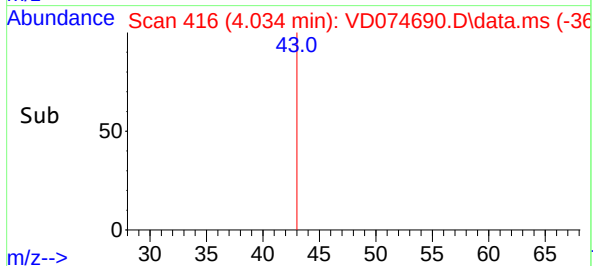
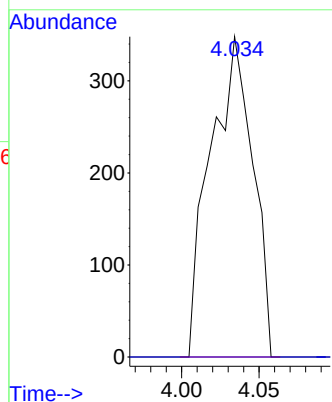
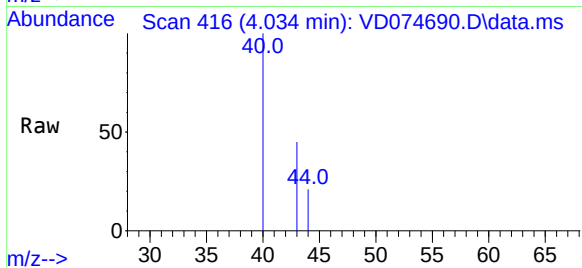
NWB-1840

Tgt Ion: 43 Resp: 661

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



#20

Methylene Chloride

Concen: 6.864 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Tgt Ion: 84 Resp: 38326

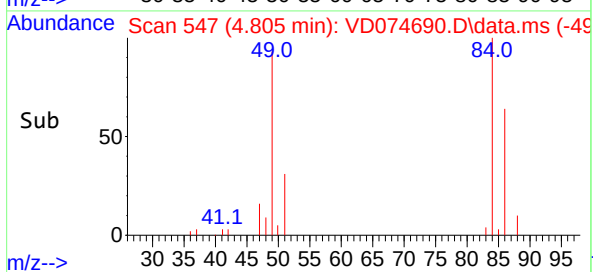
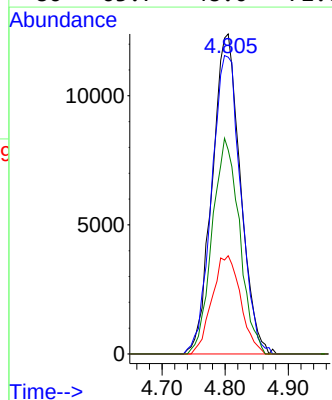
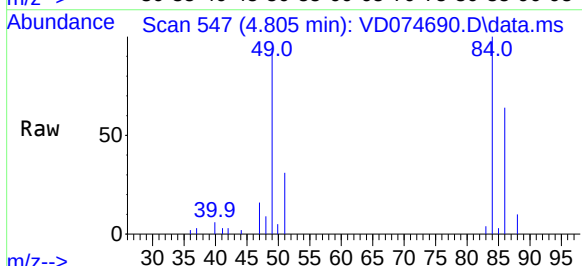
Ion Ratio Lower Upper

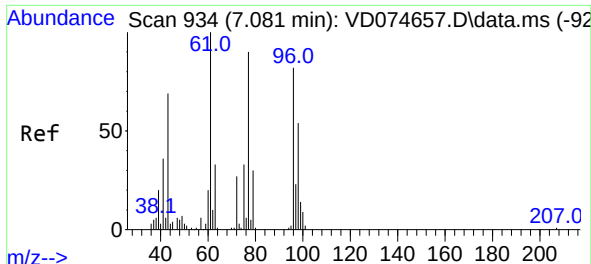
84 100

49 92.7 68.0 102.0

51 30.7 23.2 34.8

86 63.7 48.0 72.0





#25

2-Butanone

Concen: Below Cal

RT: 7.063 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

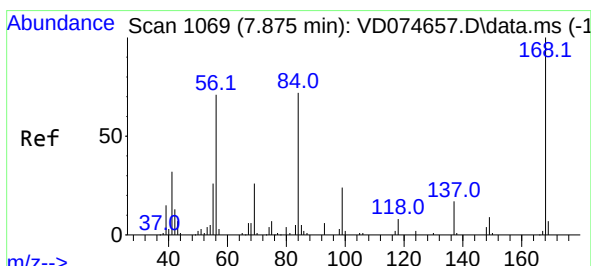
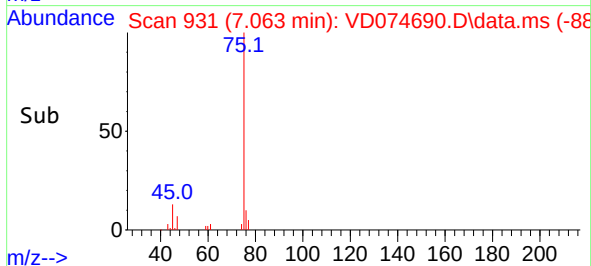
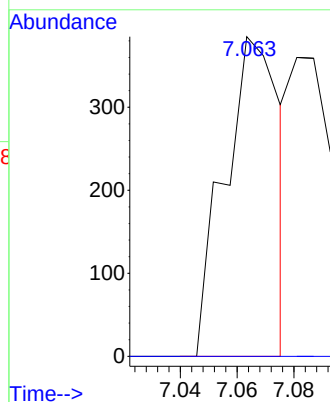
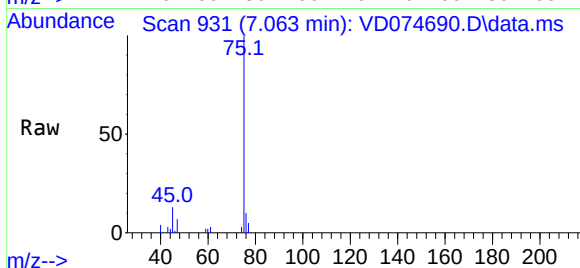
NWB-1840

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

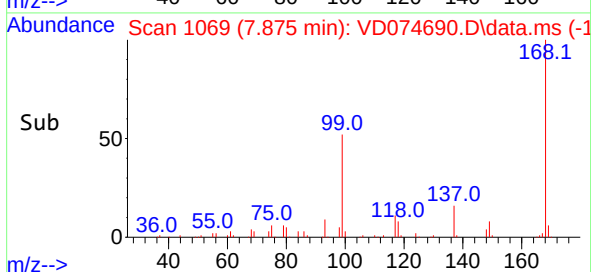
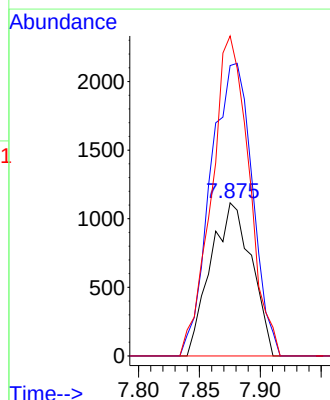
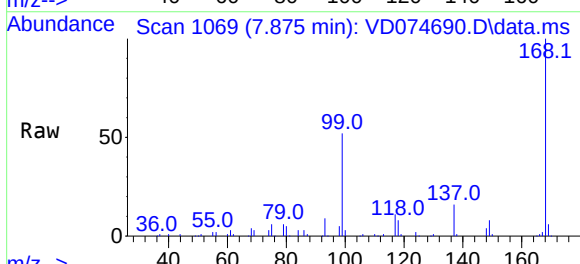
Tgt Ion: 56 Resp: 2606

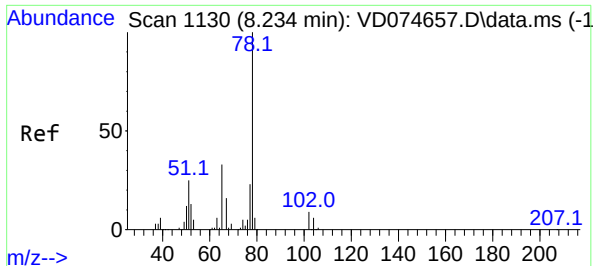
Ion Ratio Lower Upper

56 100

69 189.6 29.2 43.8#

84 209.0 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 56.990 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

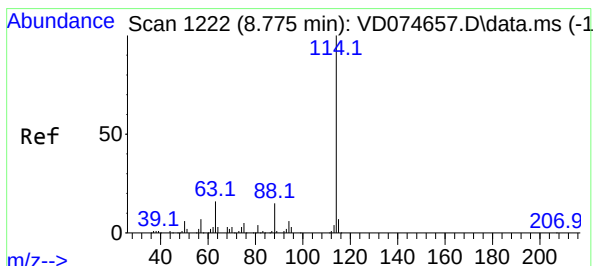
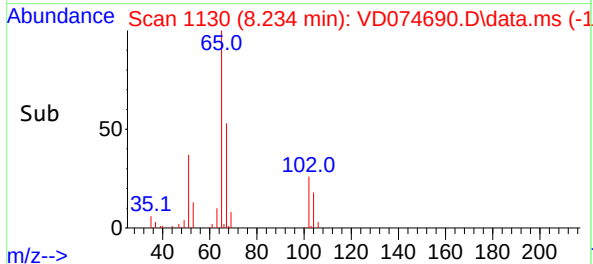
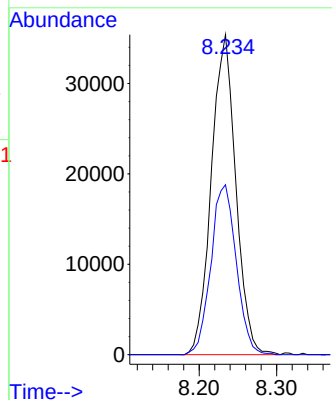
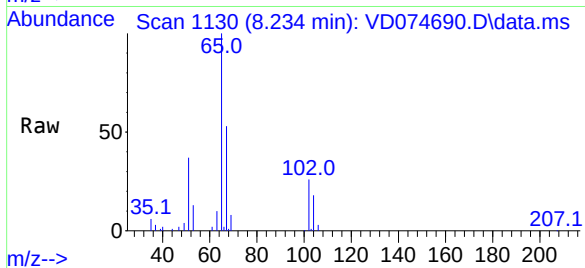
NWB-1840

Tgt Ion: 65 Resp: 77817

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074690.D

Acq: 31 Oct 2022 16:08

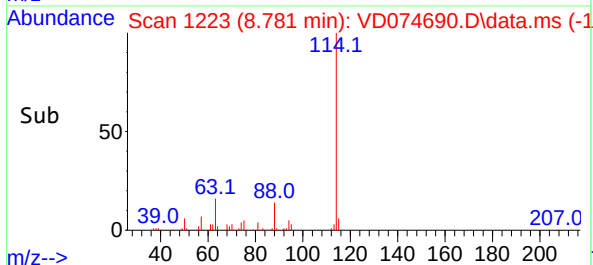
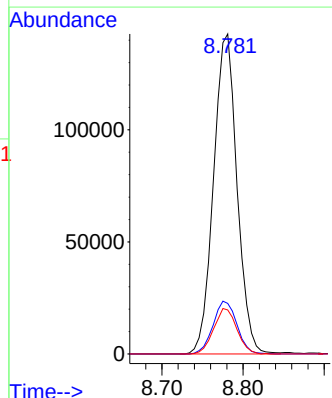
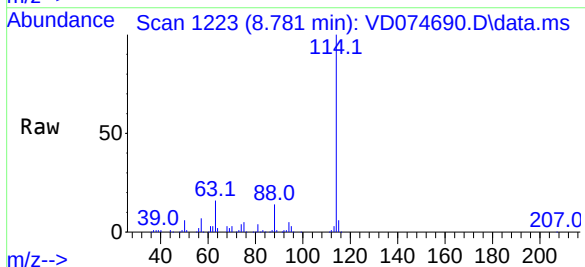
Tgt Ion: 114 Resp: 286962

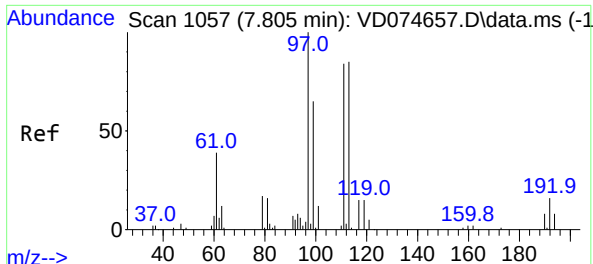
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

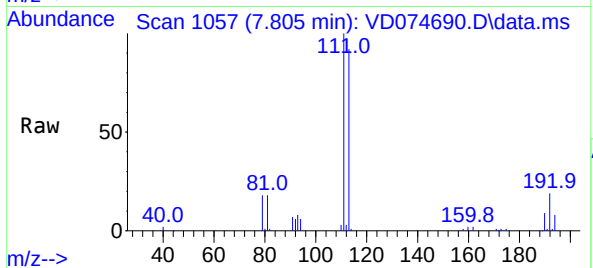
88 13.7 0.0 28.2



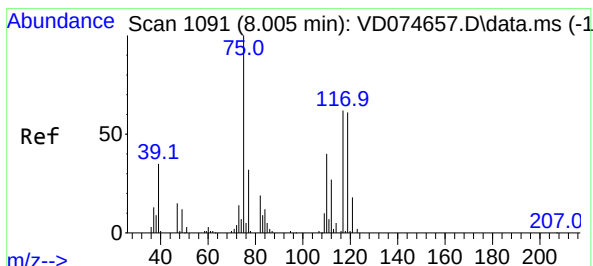
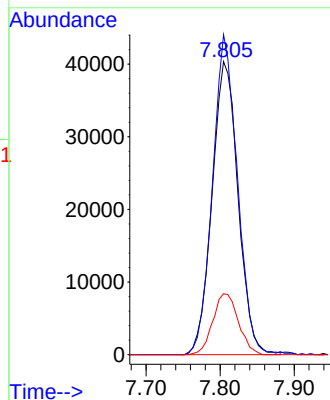
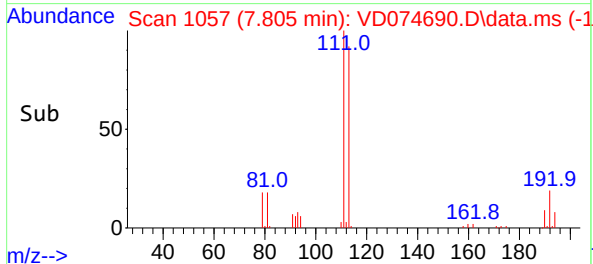


#35
Dibromofluoromethane
Concen: 56.223 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

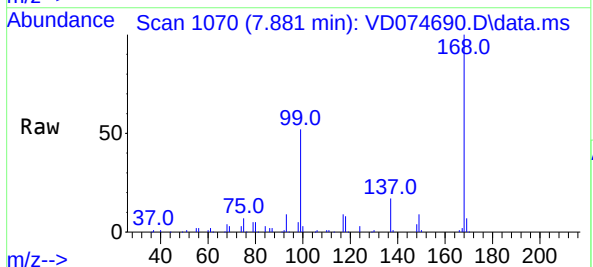
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840



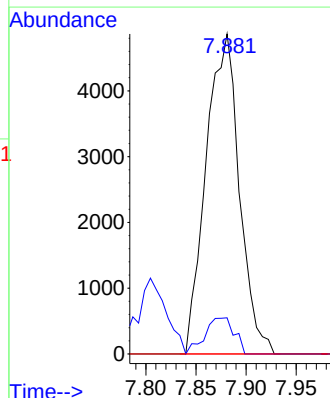
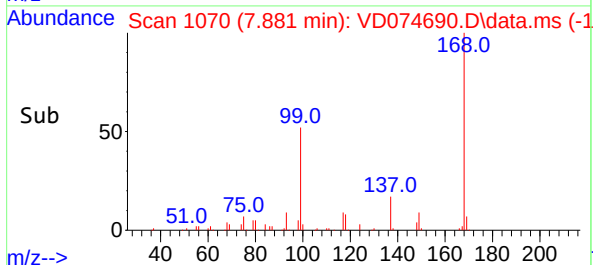
Tgt Ion:113 Resp: 98517
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 20.4 16.4 24.6

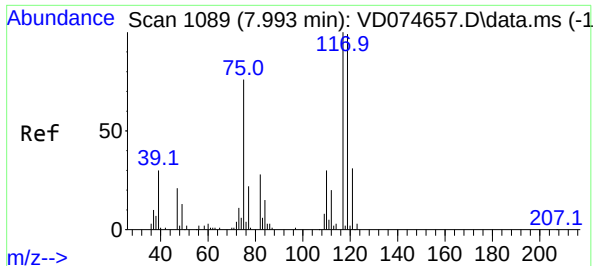


#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08



Tgt Ion: 75 Resp: 11254
Ion Ratio Lower Upper
75 100
110 10.0 19.7 59.0#
77 0.0 25.4 38.2#

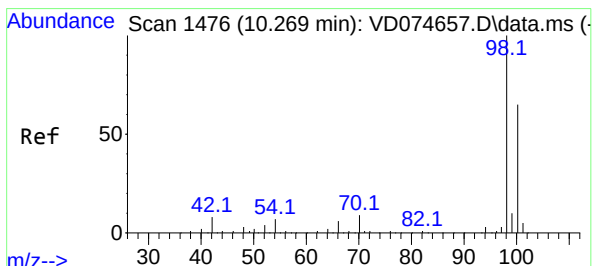
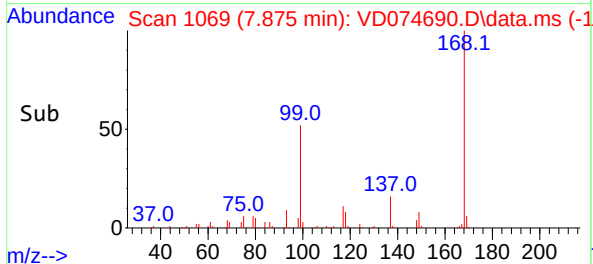
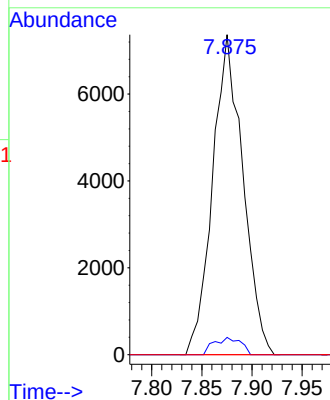
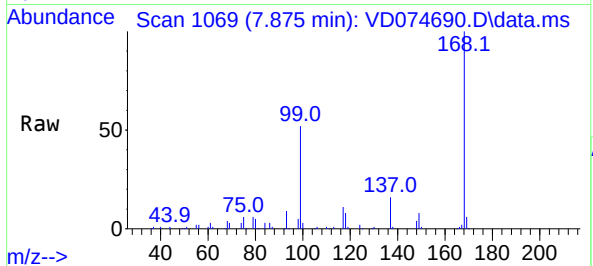




#38
Carbon Tetrachloride
Concen: 6.673 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

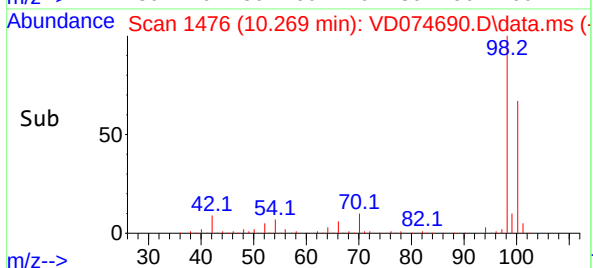
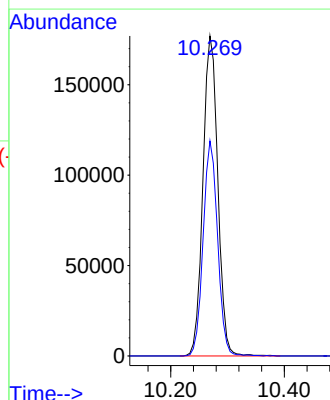
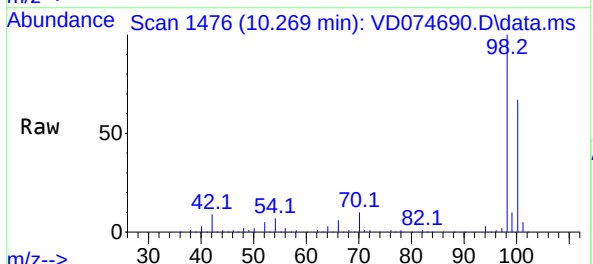
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

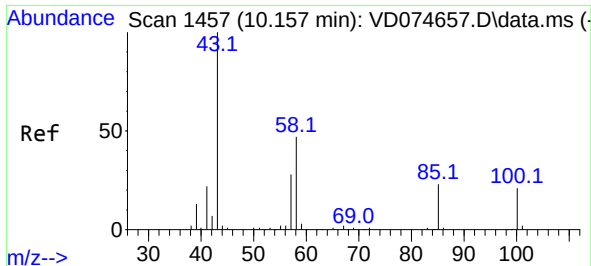
Tgt Ion:117 Resp: 15481
Ion Ratio Lower Upper
117 100
119 5.4 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.729 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Tgt Ion: 98 Resp: 321630
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

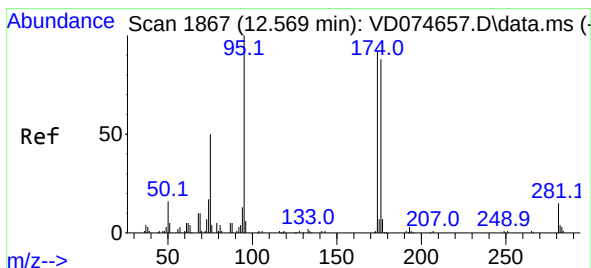
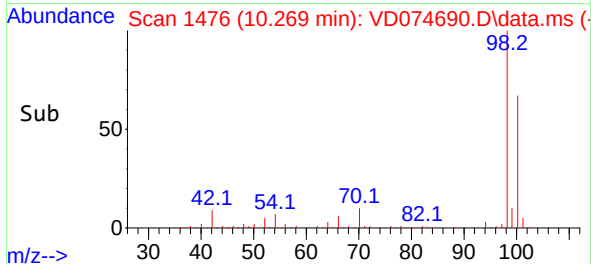
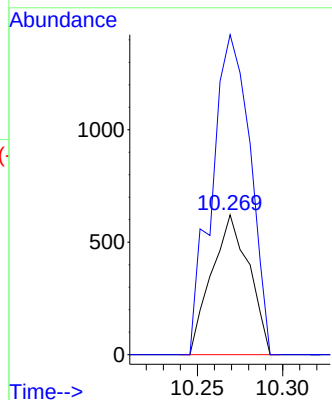
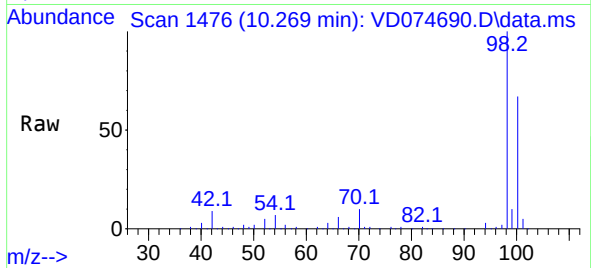




#51
4-Methyl-2-Pentanone
Concen: 1.277 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

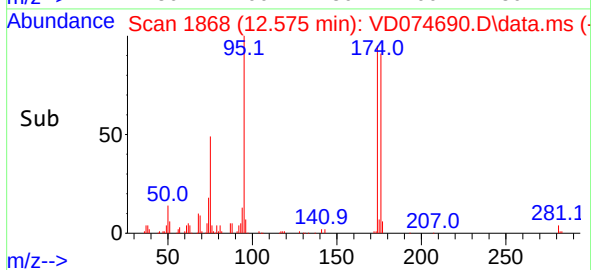
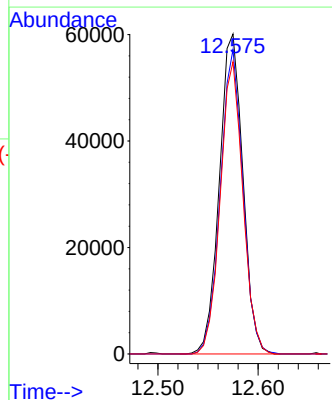
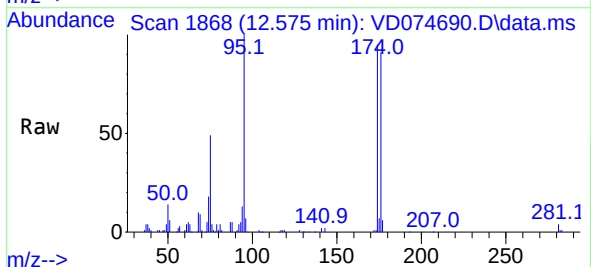
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

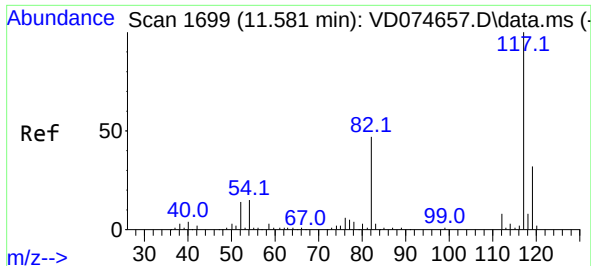
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 235.9 37.8 56.6#



#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Tgt Ion: 95 Resp: 97773
Ion Ratio Lower Upper
95 100
174 91.4 0.0 197.0
176 87.8 0.0 182.6

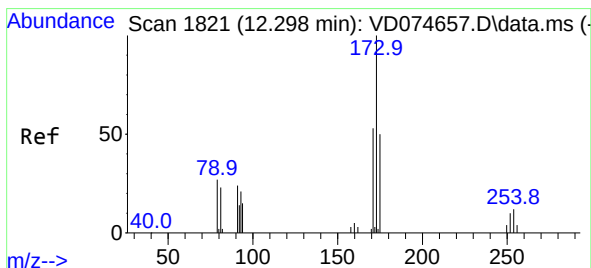
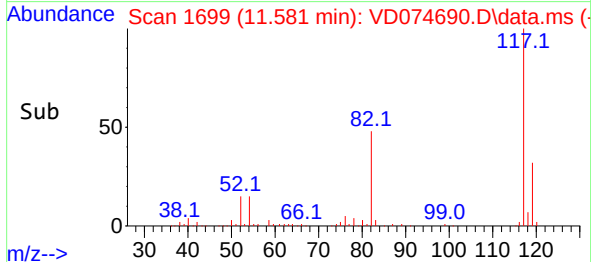
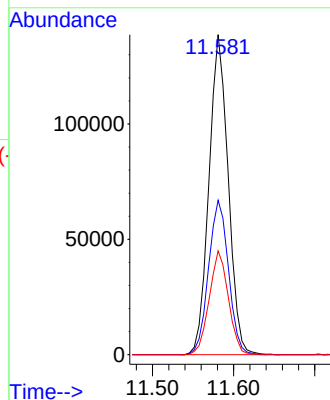
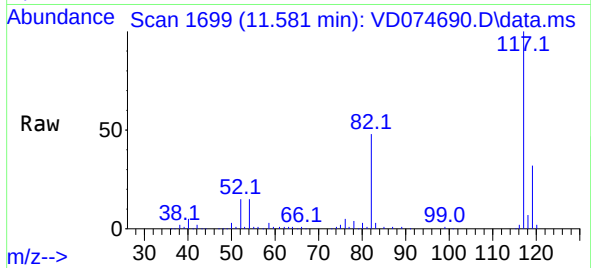




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

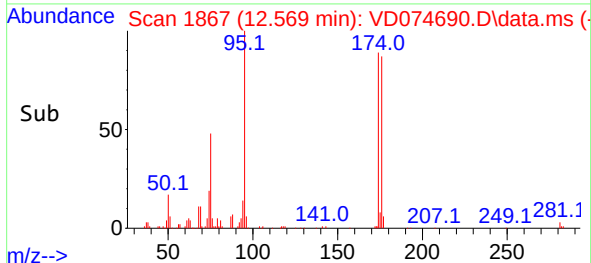
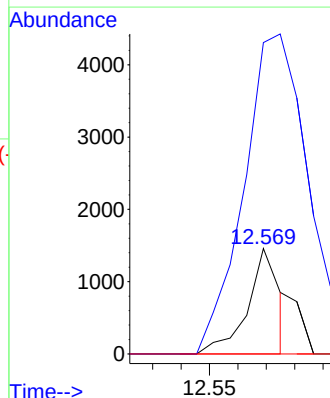
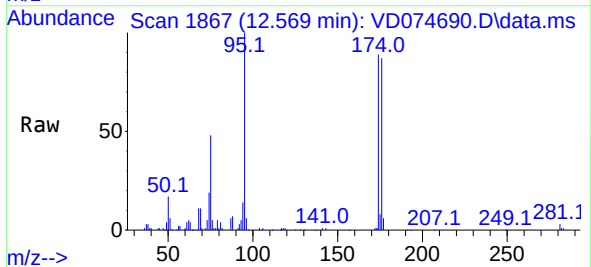
Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

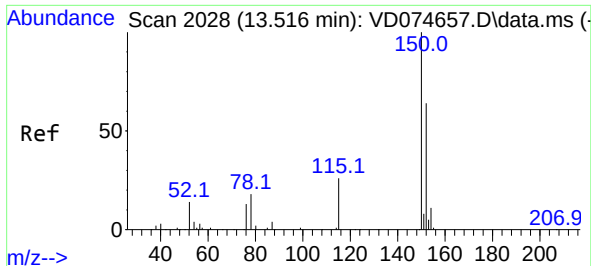
Tgt Ion:117 Resp: 228202
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 32.4 25.2 37.8



#71
Bromoform
Concen: 1.443 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

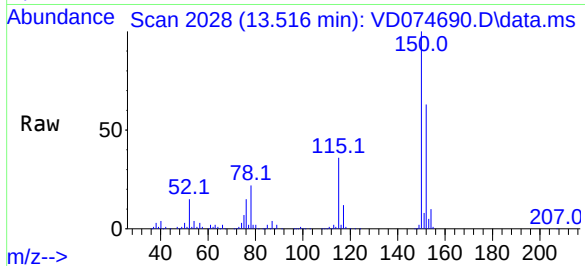
Tgt Ion:173 Resp: 1137
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.3#
254 0.0 0.0 0.0



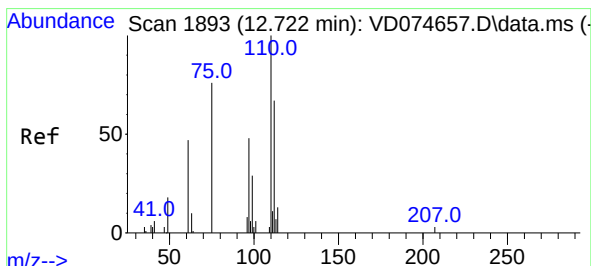
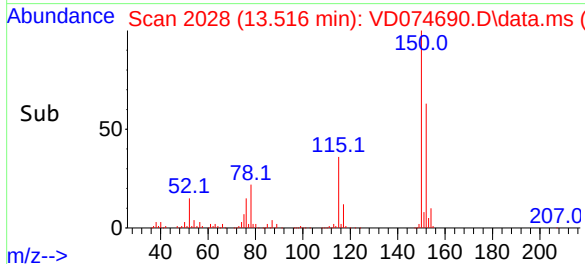
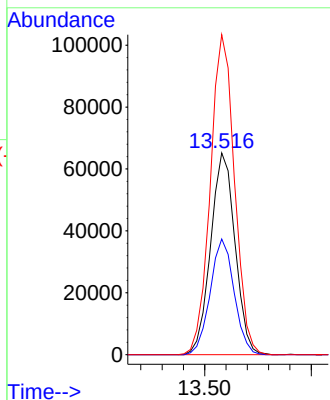


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
NWB-1840

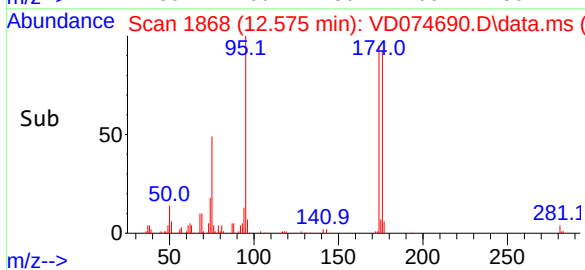
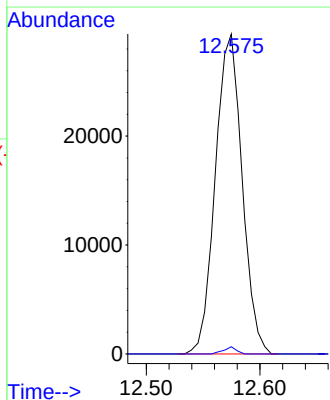
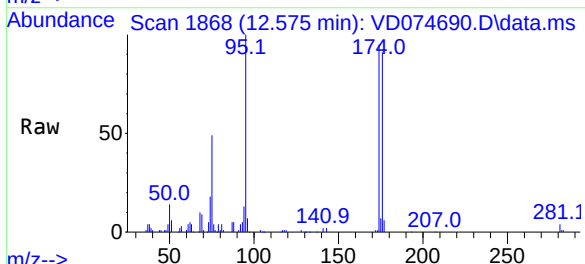


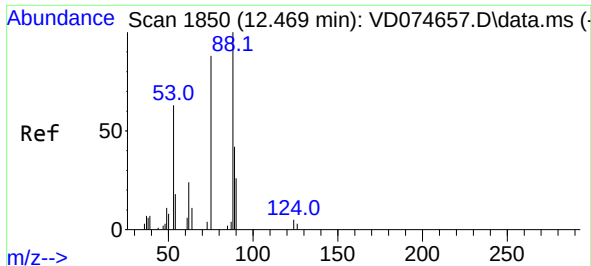
Tgt Ion:152 Resp: 103617
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 59.365 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

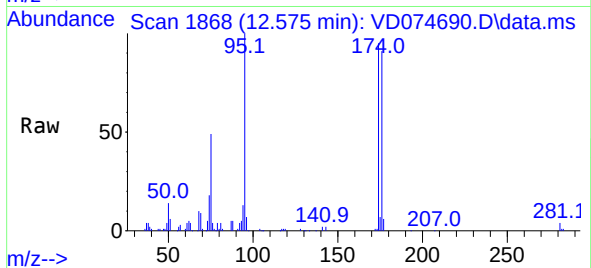
Tgt Ion: 75 Resp: 48109
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 157.113 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074690.D
Acq: 31 Oct 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
NWB-1840



Tgt Ion: 75 Resp: 48109
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

