

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074692.D
 Acq On : 31 Oct 2022 17:04
 Operator : VA/SY
 Sample : N5303-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NWB-1841

Quant Time: Nov 01 01:34:30 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)

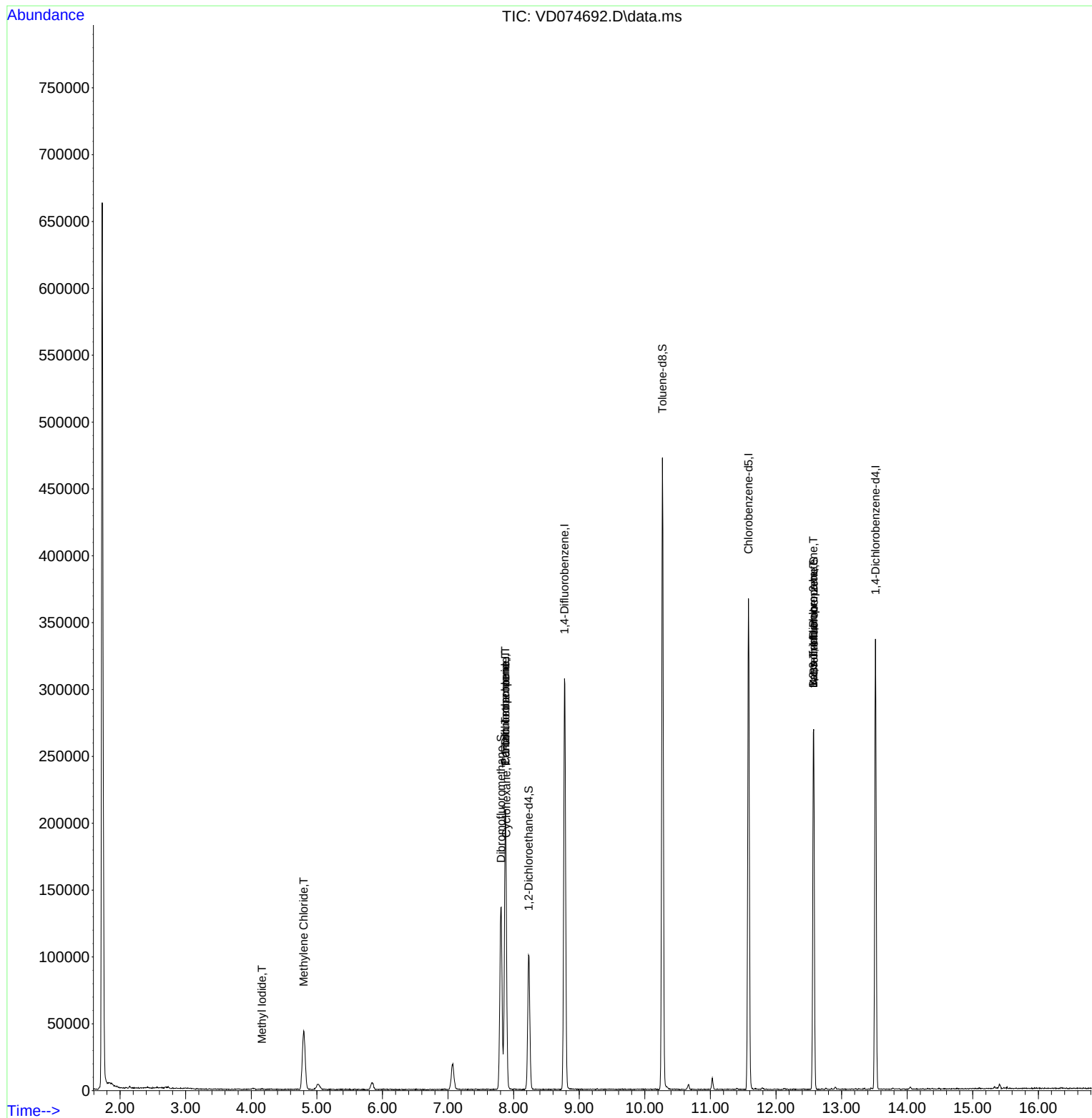
Internal Standards						
1) Pentafluorobenzene	7.875	168	169417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	299419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79676	55.721	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.440%			
35) Dibromofluoromethane	7.811	113	103021	56.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.700%			
50) Toluene-d8	10.269	98	336358	47.838	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.680%			
62) 4-Bromofluorobenzene	12.575	95	88251	45.702	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.400%			
Target Compounds						
3) Chloromethane	2.146	50	866	Below Cal	#	86
5) Bromomethane	2.699	94	1010	Below Cal		96
10) Methyl Iodide	4.164	142	533	5.662 ug/l	#	56
11) Tert butyl alcohol	5.022	59	4033	Below Cal	#	84
16) Acetone	4.011	43	680	Below Cal	#	37
20) Methylene Chloride	4.799	84	38712	6.043 ug/l		91
25) 2-Butanone	7.087	43	500	Below Cal	#	42
31) Cyclohexane	7.887	56	2962	1.130 ug/l	#	24
36) 1,1-Dichloropropene	7.875	75	11479	4.406 ug/l	#	47
38) Carbon Tetrachloride	7.875	117	15919	6.576 ug/l	#	18
71) Bromoform	12.569	173	808	1.013 ug/l	#	1
76) 1,2,3-Trichloropropane	12.569	75	43884	61.021 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.569	75	43884	161.496 ug/l	#	17

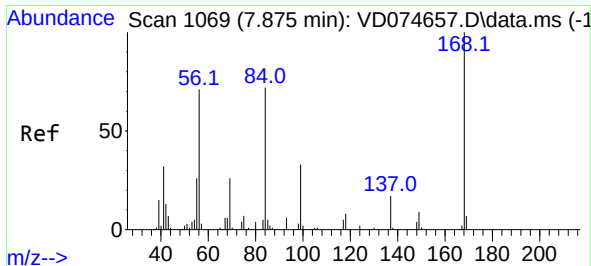
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 01 01:34:30 2022
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Quant Title : SW846 8260
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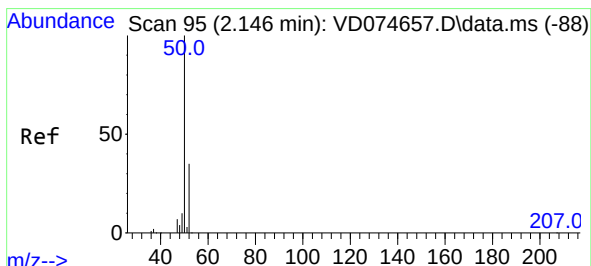
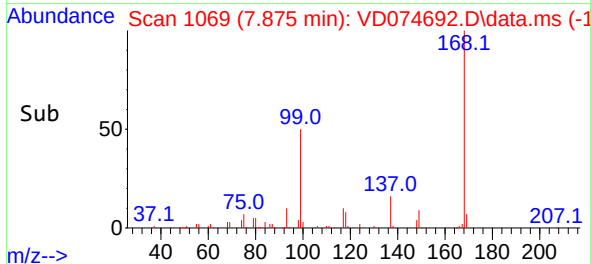
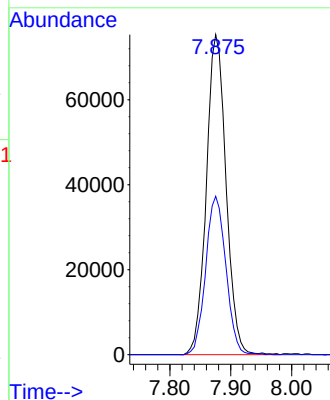
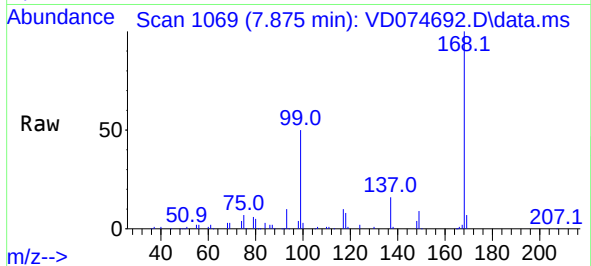




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

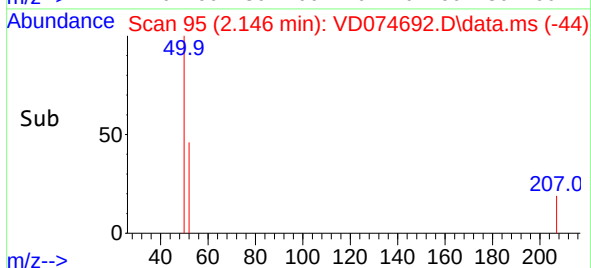
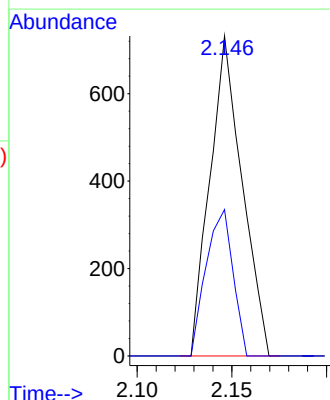
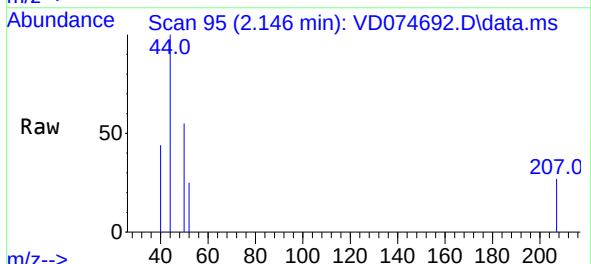
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

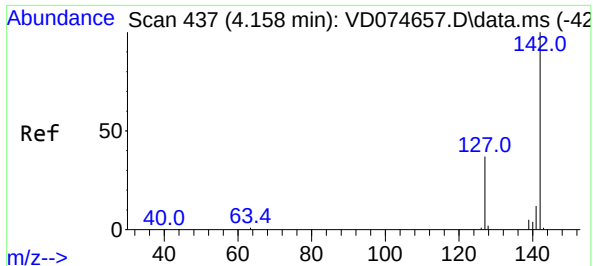
Tgt Ion:168 Resp: 169417
Ion Ratio Lower Upper
168 100
99 49.5 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 50 Resp: 866
Ion Ratio Lower Upper
50 100
52 45.8 30.0 45.0#

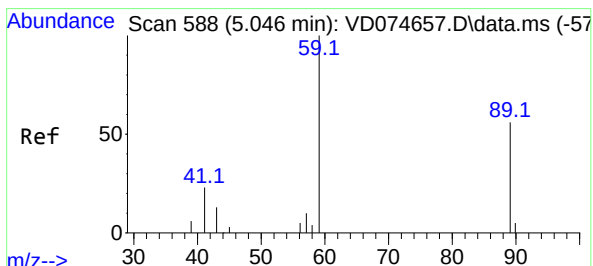
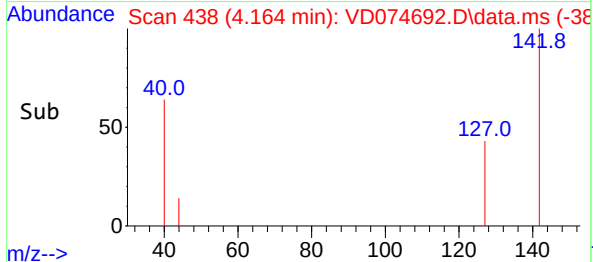
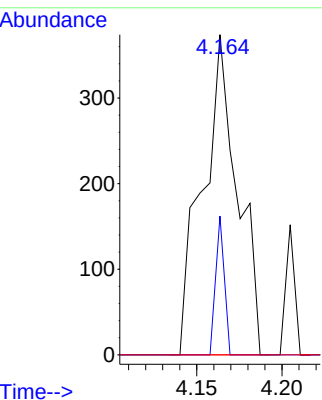
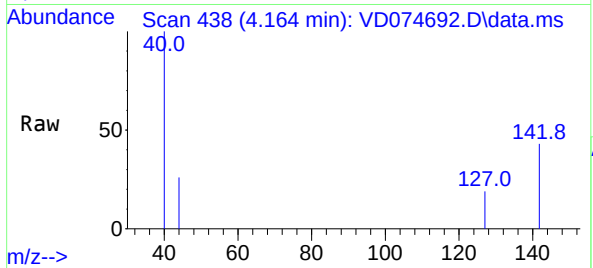




#10
Methyl Iodide
Concen: 5.662 ug/l
RT: 4.164 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

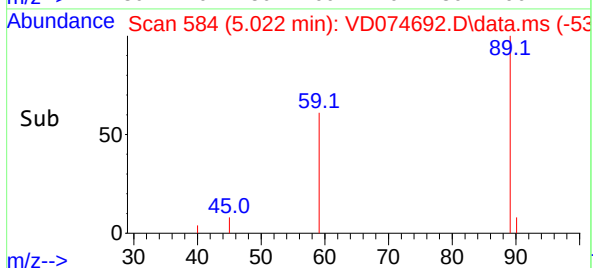
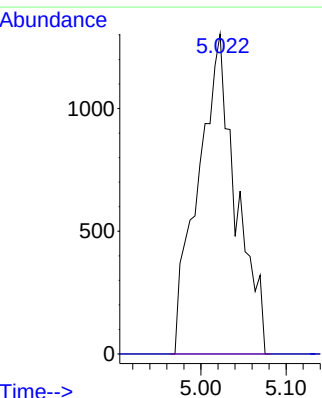
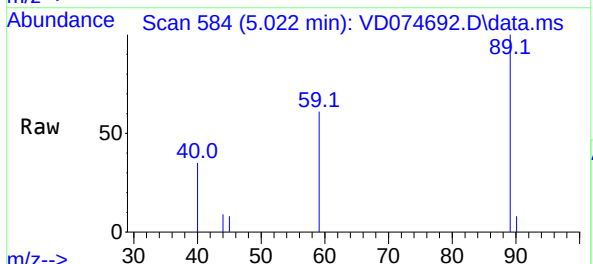
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

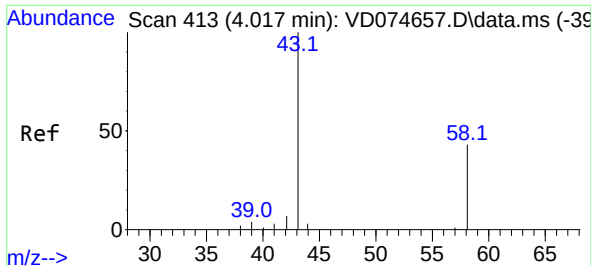
Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
127 10.7 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.022 min Scan# 584
Delta R.T. -0.024 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 59 Resp: 4033
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

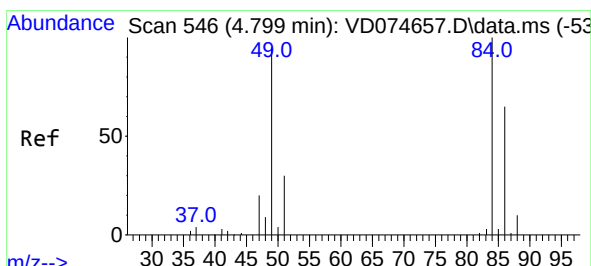
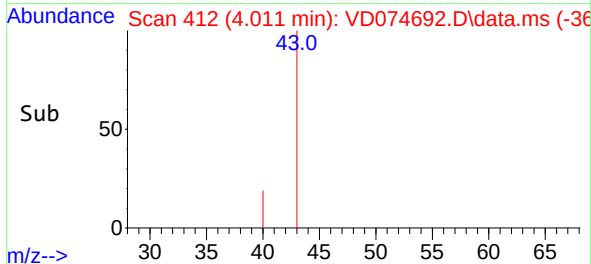
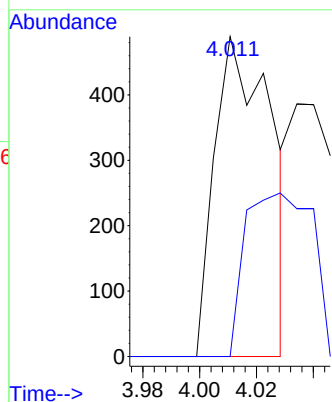
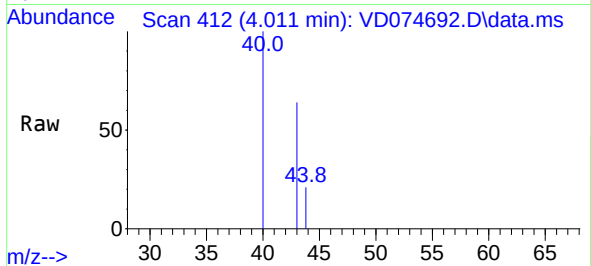




#16
Acetone
Concen: Below Cal
RT: 4.011 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

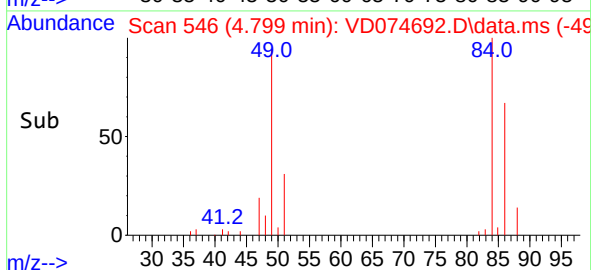
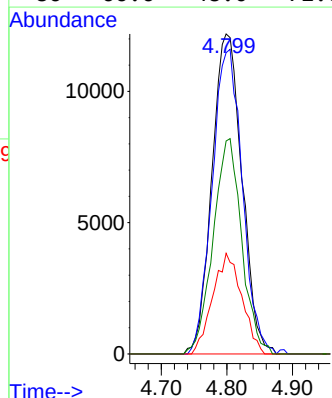
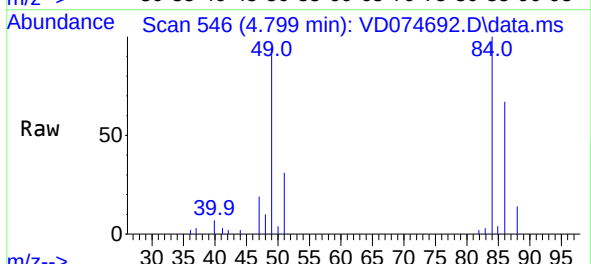
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

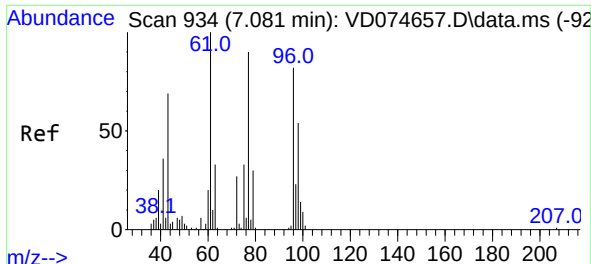
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 6.043 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 84 Resp: 38712
Ion Ratio Lower Upper
84 100
49 94.1 68.0 102.0
51 31.4 23.2 34.8
86 66.6 48.0 72.0

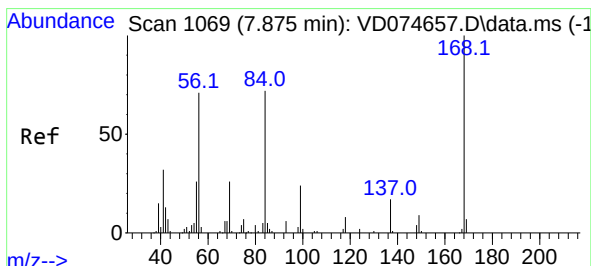
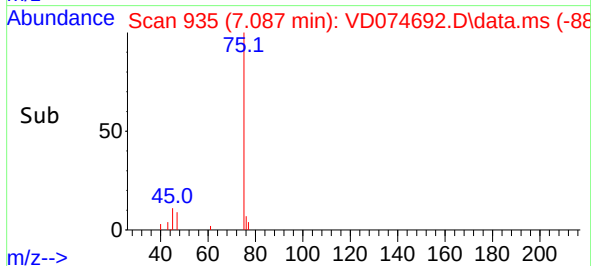
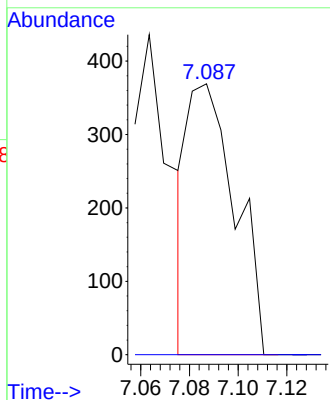
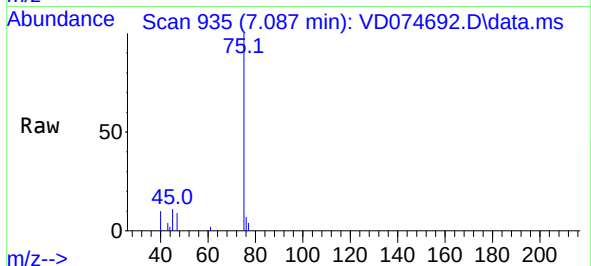




#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

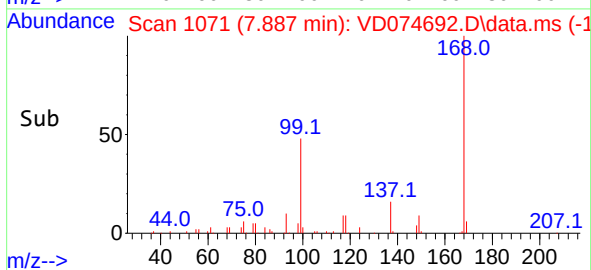
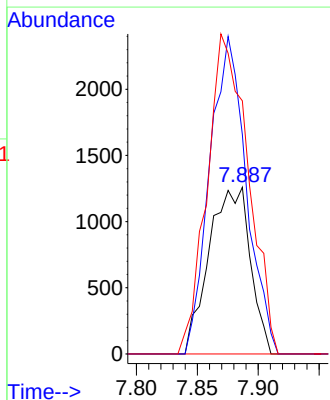
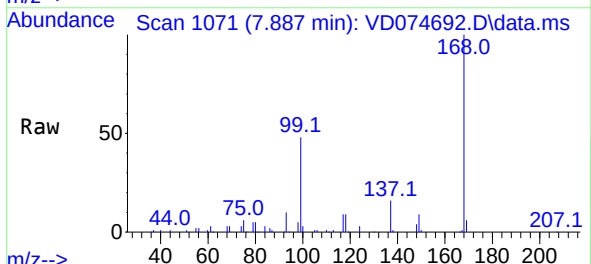
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

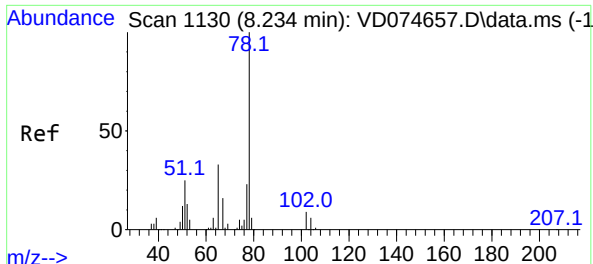
Tgt Ion: 43 Resp: 500
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 56 Resp: 2962
Ion Ratio Lower Upper
56 100
69 131.6 29.2 43.8#
84 151.9 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 55.721 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074692.D

Acq: 31 Oct 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

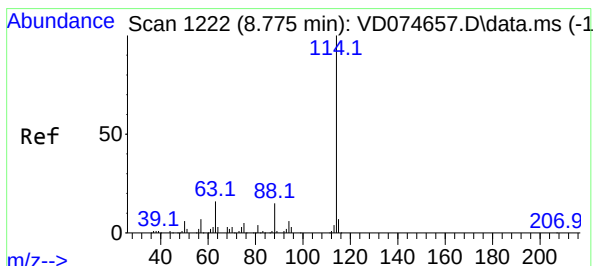
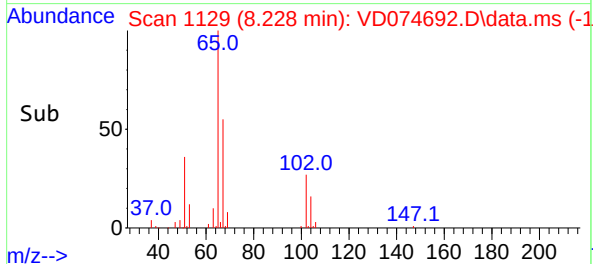
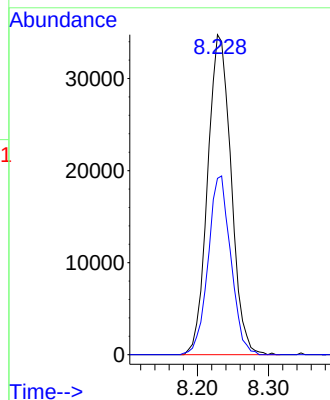
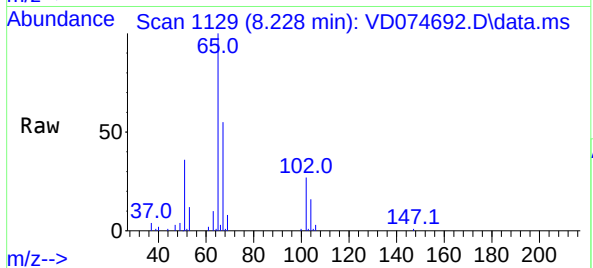
NWB-1841

Tgt Ion: 65 Resp: 79676

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074692.D

Acq: 31 Oct 2022 17:04

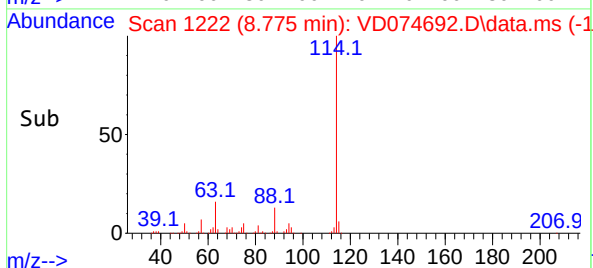
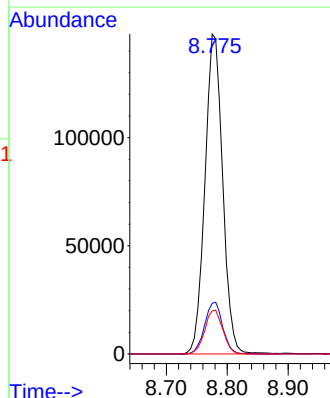
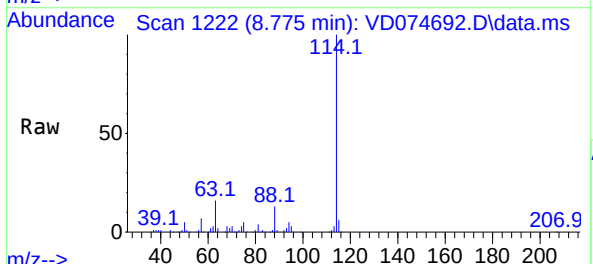
Tgt Ion:114 Resp: 299419

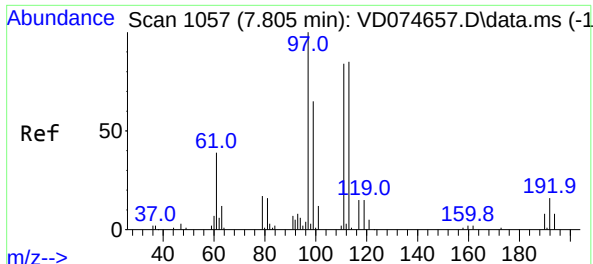
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

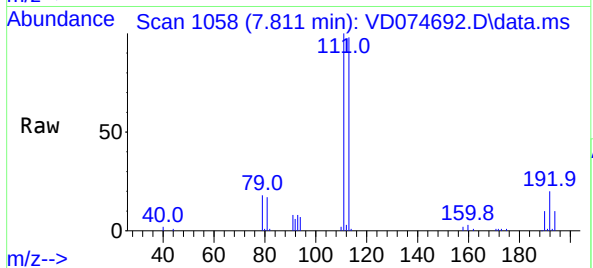
88 13.5 0.0 28.2



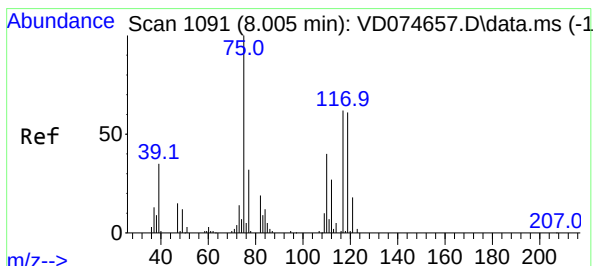
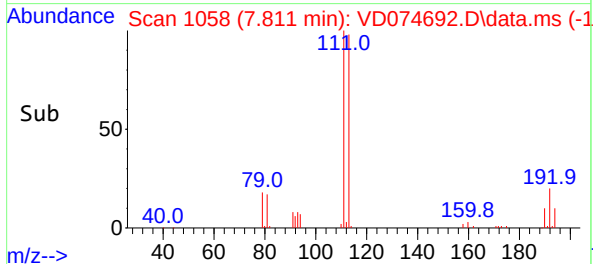
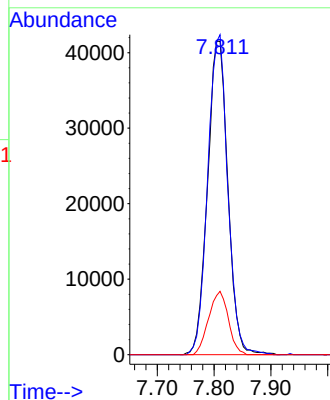


#35
Dibromofluoromethane
Concen: 56.347 ug/l
RT: 7.811 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

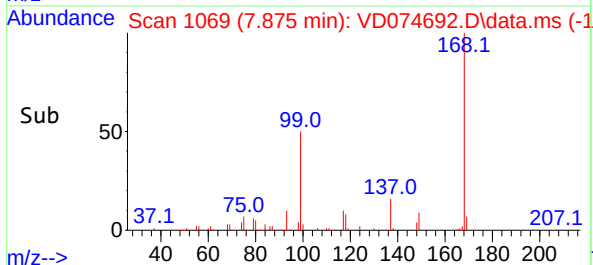
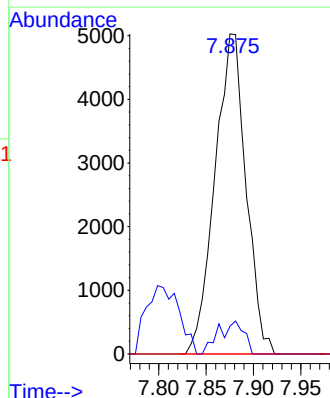
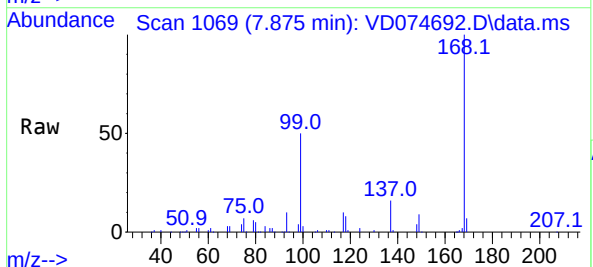


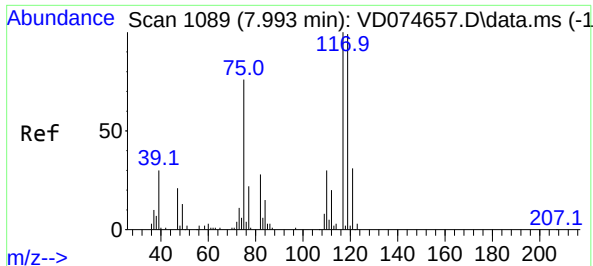
Tgt Ion:113 Resp: 103021
Ion Ratio Lower Upper
113 100
111 100.4 82.3 123.5
192 19.6 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.406 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 75 Resp: 11479
Ion Ratio Lower Upper
75 100
110 8.4 19.7 59.0#
77 0.0 25.4 38.2#

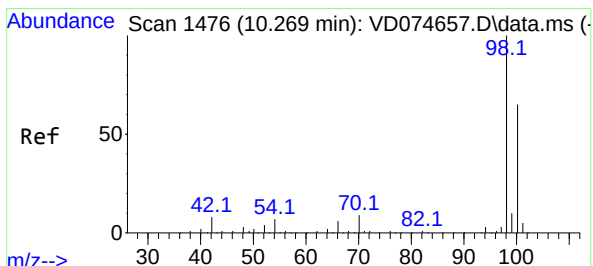
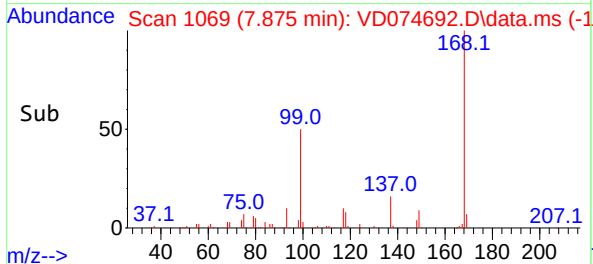
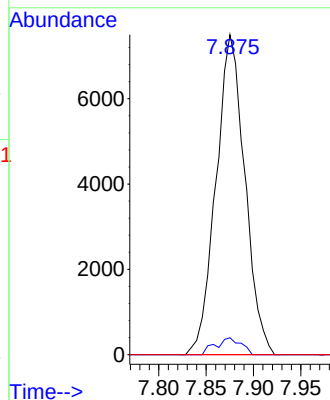
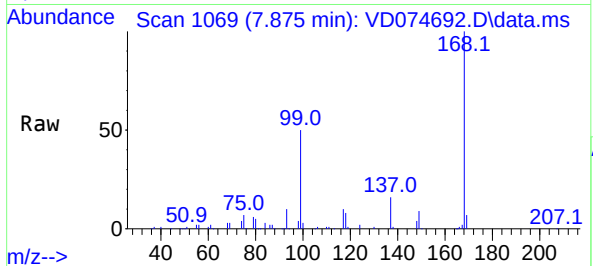




#38
Carbon Tetrachloride
Concen: 6.576 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

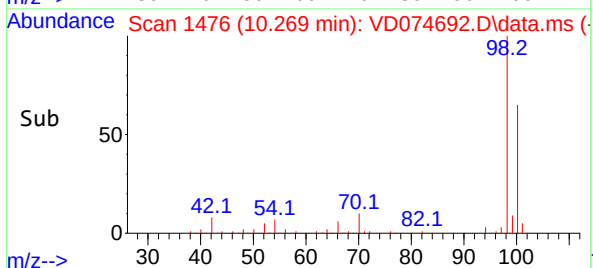
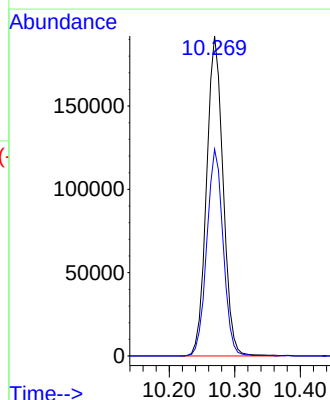
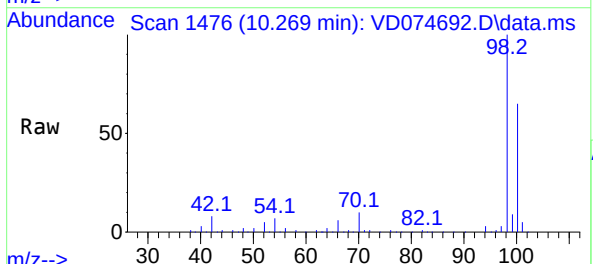
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

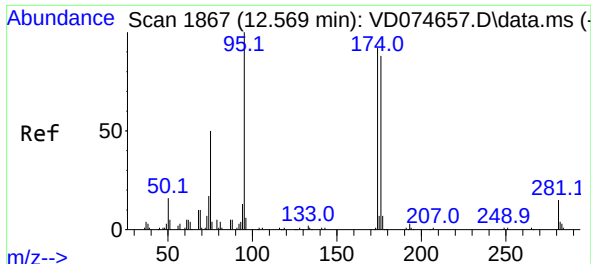
Tgt Ion:117 Resp: 15919
Ion Ratio Lower Upper
117 100
119 5.3 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 47.838 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 98 Resp: 336358
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

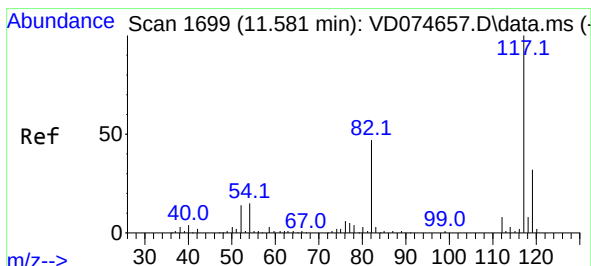
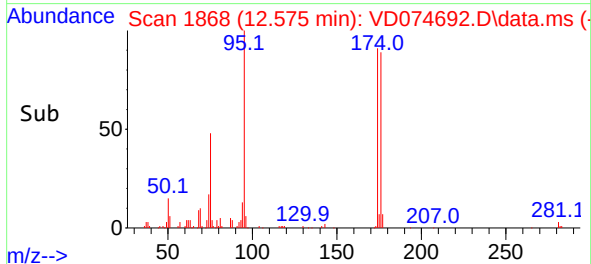
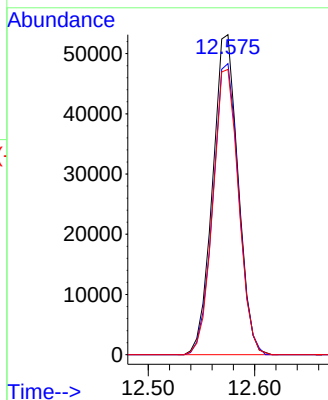
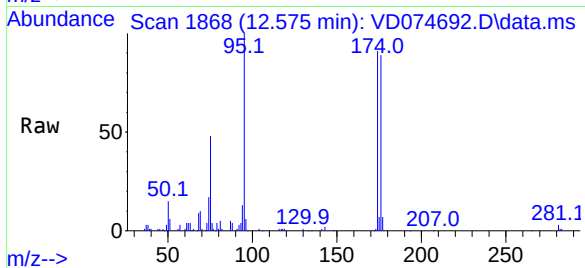




#62
4-Bromofluorobenzene
Concen: 45.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

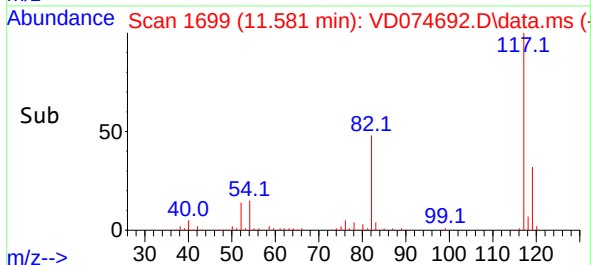
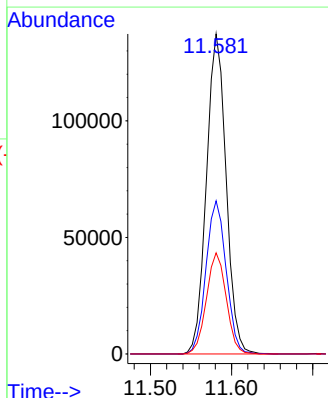
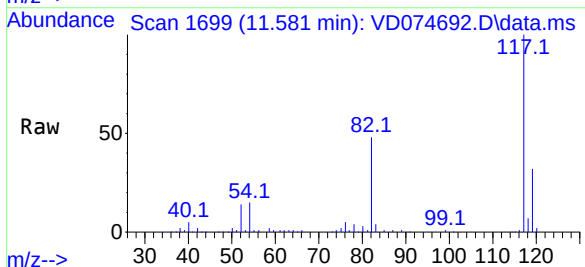
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

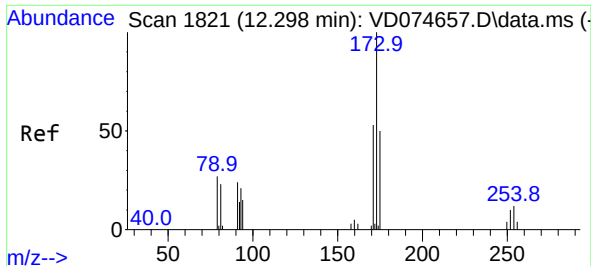
Tgt Ion:	95	Resp:	88251
Ion Ratio	Lower	Upper	
95	100		
174	91.5	0.0	197.0
176	89.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion:	117	Resp:	231098
Ion Ratio	Lower	Upper	
117	100		
82	47.8	41.6	62.4
119	31.6	25.2	37.8

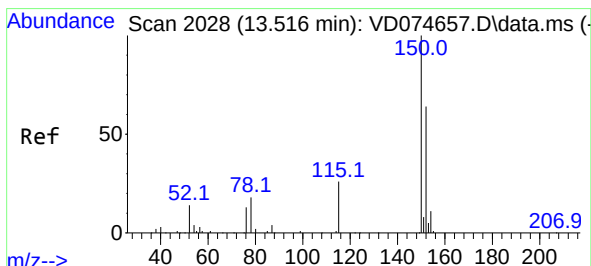
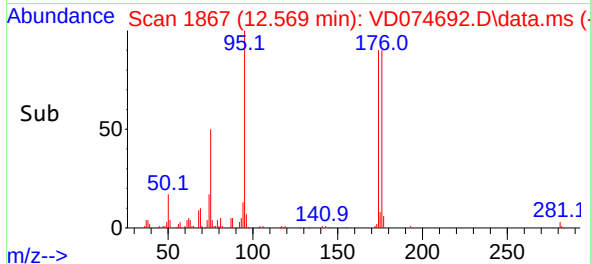
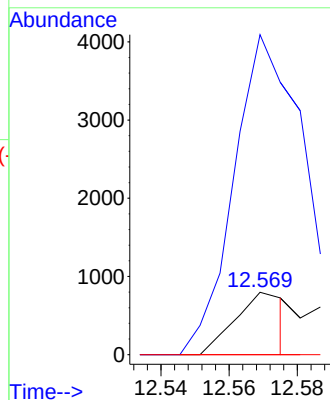
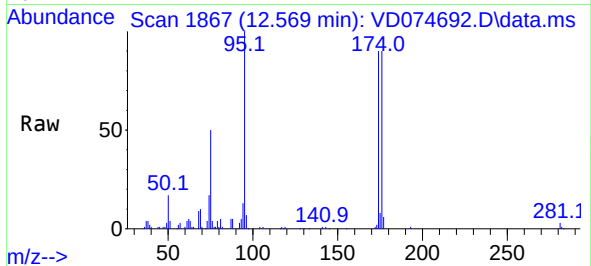




#71
Bromoform
Concen: 1.013 ug/l
RT: 12.569 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

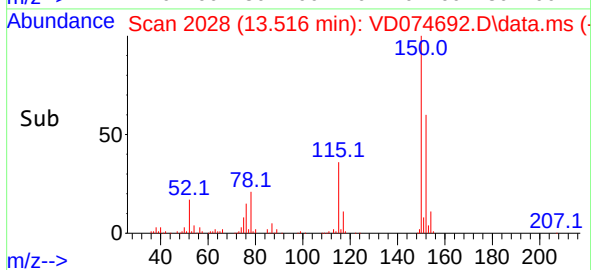
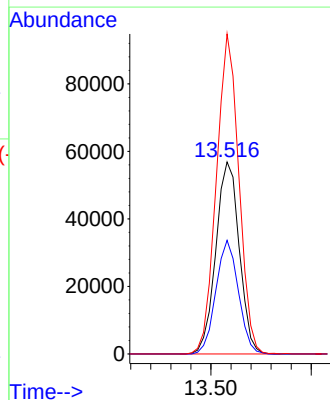
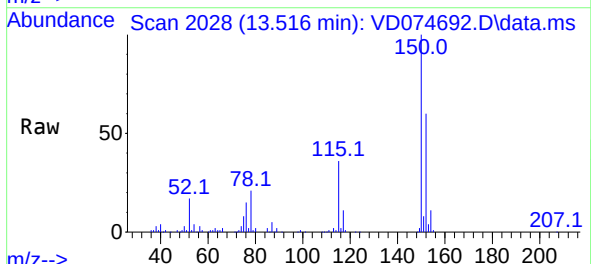
Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

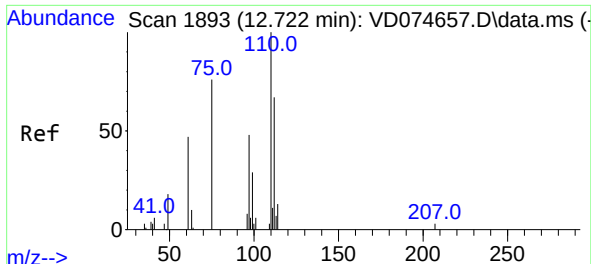
Tgt Ion:173 Resp: 808
Ion Ratio Lower Upper
173 100
175 517.5 23.1 69.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion:152 Resp: 91952
Ion Ratio Lower Upper
152 100
115 56.9 26.8 80.4
150 160.0 0.0 348.2

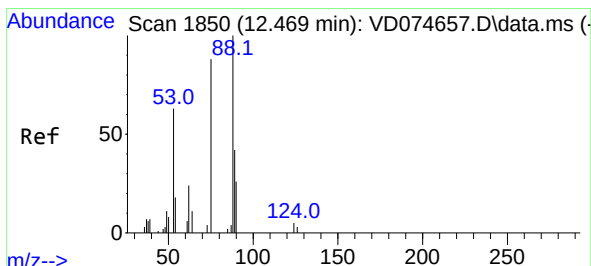
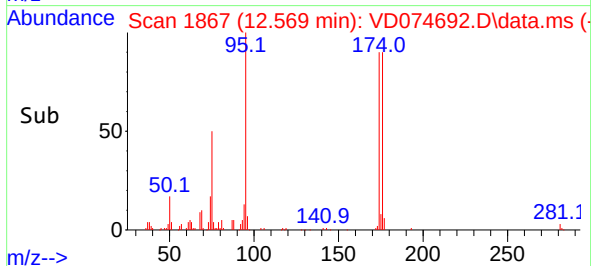
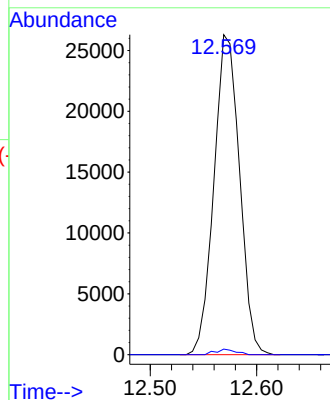
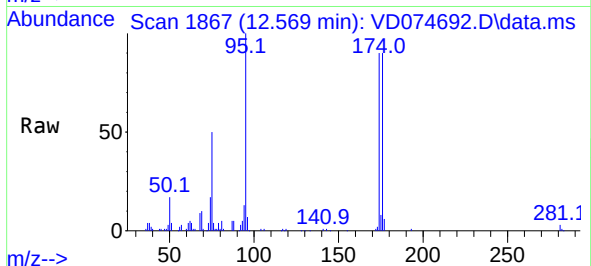




#76
1,2,3-Trichloropropane
Concen: 61.021 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
NWB-1841

Tgt Ion: 75 Resp: 43884
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 161.496 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074692.D
Acq: 31 Oct 2022 17:04

Tgt Ion: 75 Resp: 43884
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

