

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074442.D
 Acq On : 27 Sep 2022 13:48
 Operator : VA/SY
 Sample : N4826-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-092622

Quant Time: Sep 28 04:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

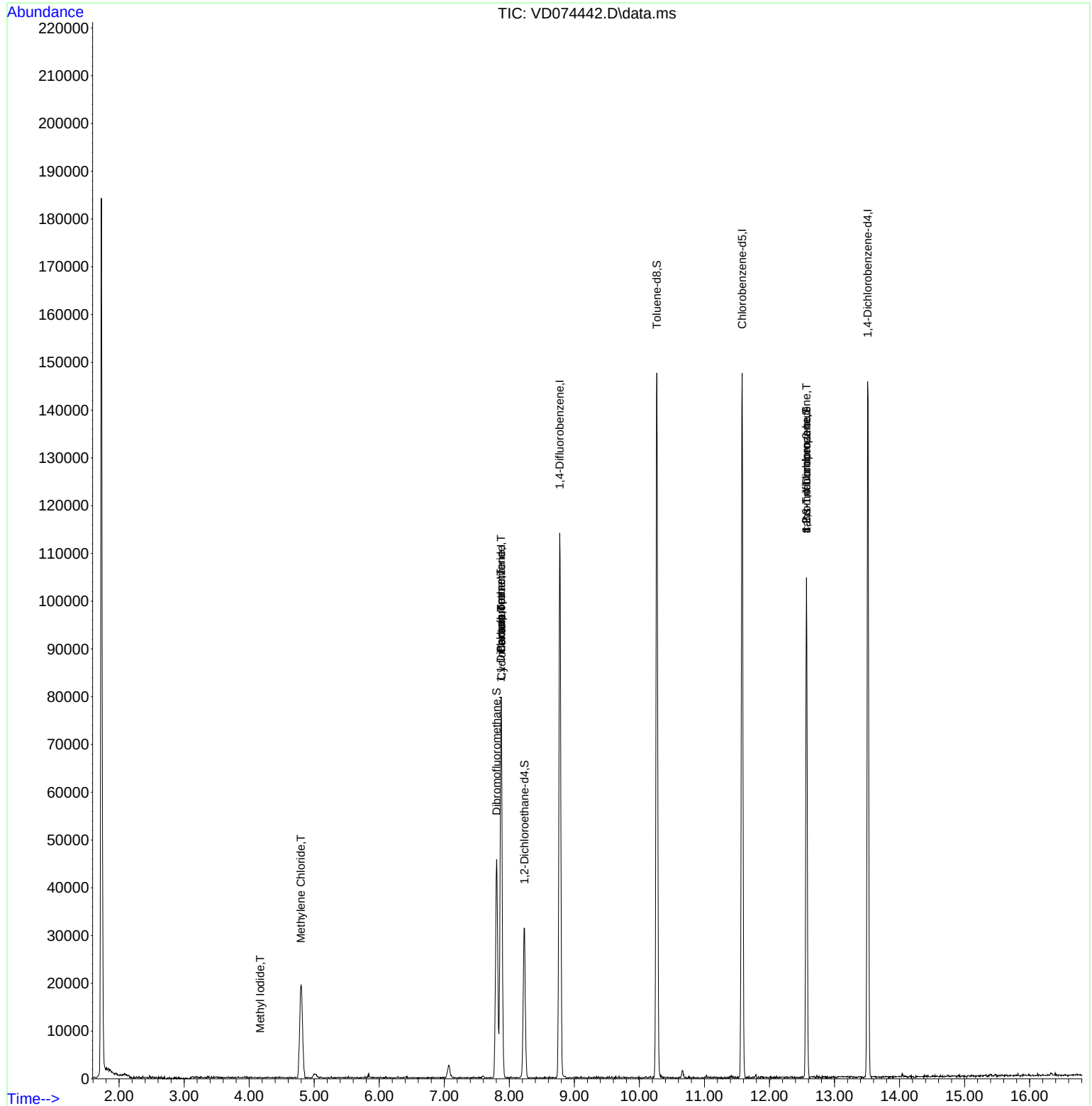
Internal Standards						
1) Pentafluorobenzene	7.875	168	65936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	110410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	93734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	44136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25114	44.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.480%
35) Dibromofluoromethane	7.804	113	32926	43.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.780%
50) Toluene-d8	10.269	98	109199	43.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.569	95	31193	33.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.280%
Target Compounds						
3) Chloromethane	2.146	50	272	Below Cal	#	37
10) Methyl Iodide	4.169	142	125	7.356	ug/l #	43
11) Tert butyl alcohol	5.016	59	611	Below Cal	#	84
20) Methylene Chloride	4.793	84	17240	15.808	ug/l	94
31) Cyclohexane	7.881	56	1066	1.106	ug/l #	49
36) 1,1-Dichloropropene	7.869	75	4197	4.186	ug/l #	43
38) Carbon Tetrachloride	7.875	117	6337	6.605	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	15358	44.489	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	15358	108.564	ug/l #	17

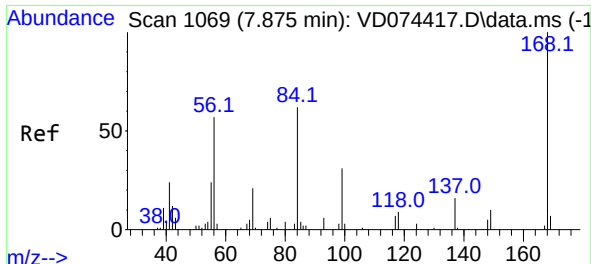
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
Data File : VD074442.D
Acq On : 27 Sep 2022 13:48
Operator : VA/SY
Sample : N4826-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

Quant Time: Sep 28 04:40:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
Response via : Initial Calibration

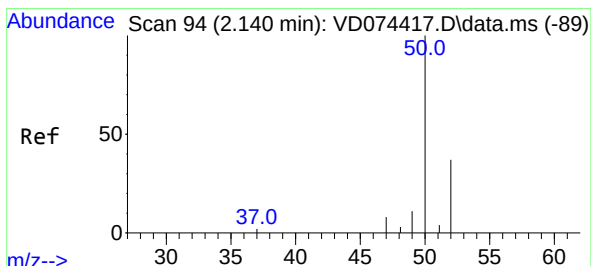
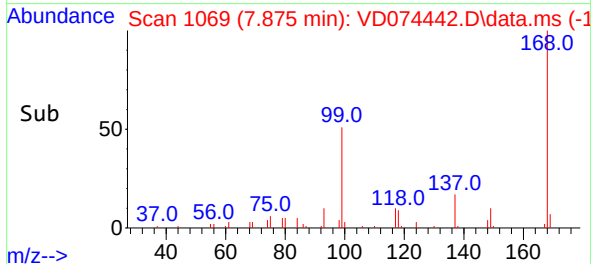
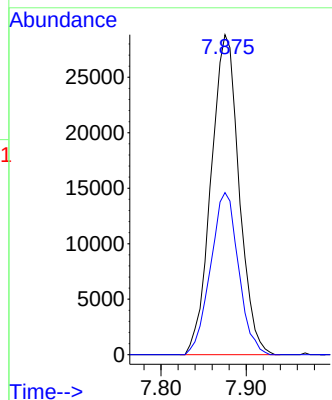
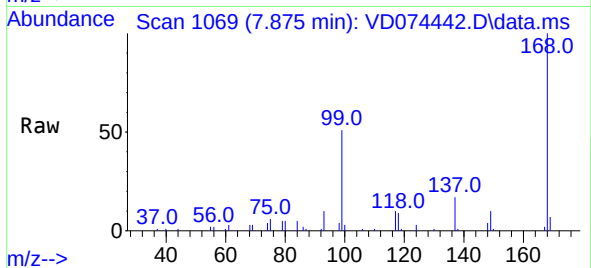




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

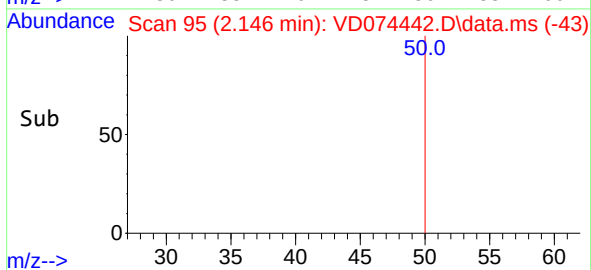
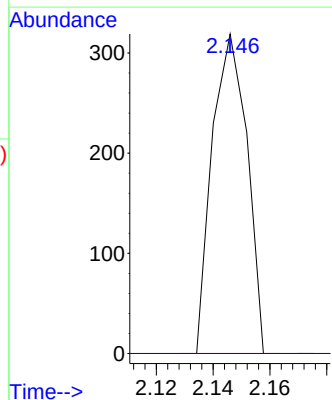
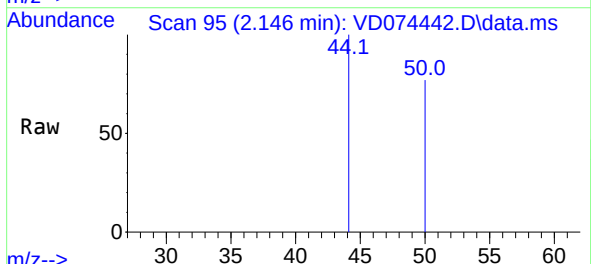
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

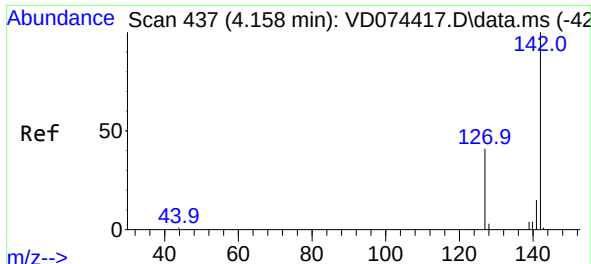
Tgt Ion:168 Resp: 65936
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 50 Resp: 272
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

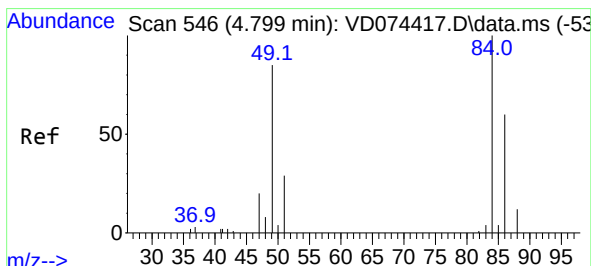
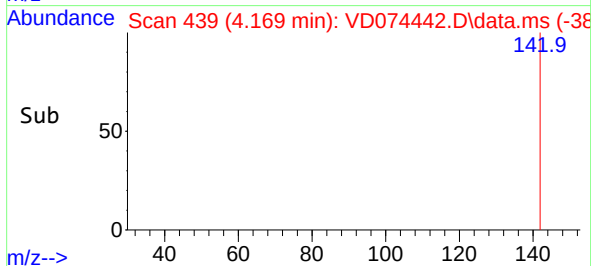
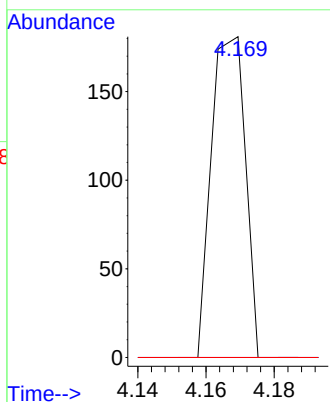
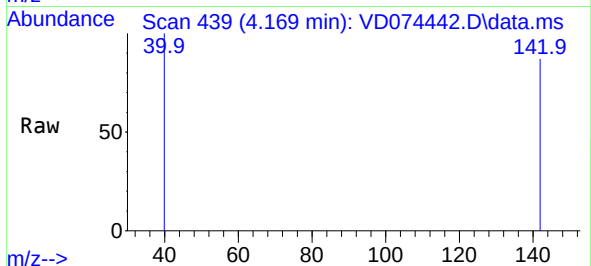




#10
Methyl Iodide
Concen: 7.356 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

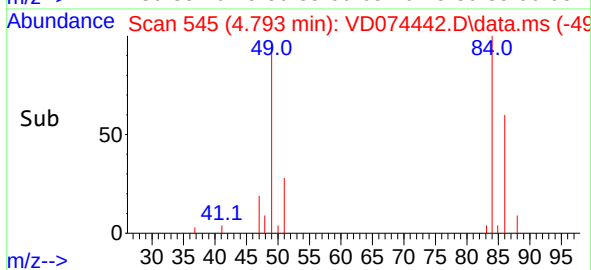
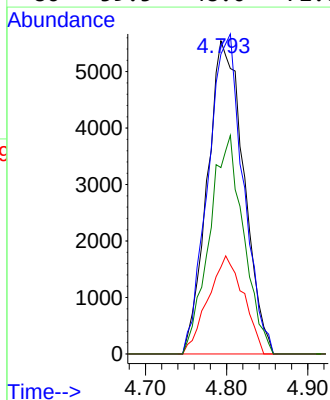
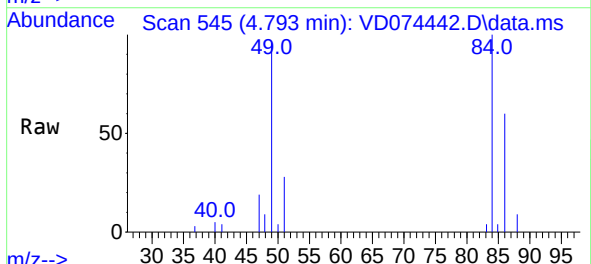
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

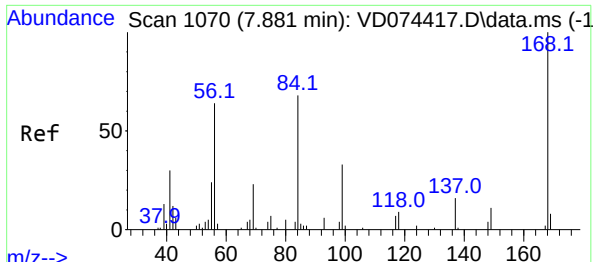
Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: 15.808 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 84 Resp: 17240
Ion Ratio Lower Upper
84 100
49 95.8 68.0 102.0
51 27.7 23.2 34.8
86 59.5 48.0 72.0

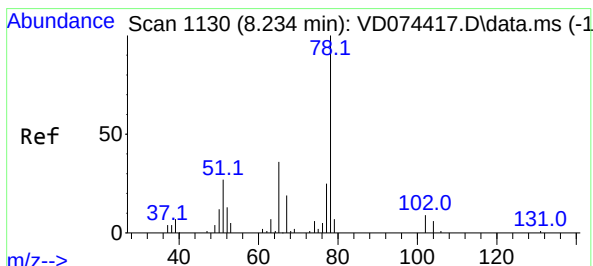
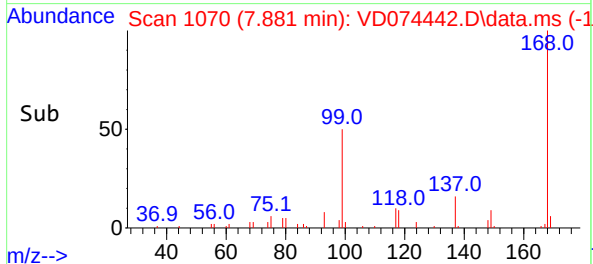
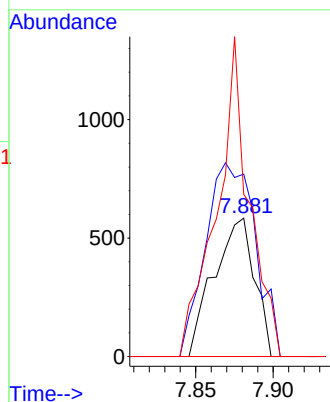
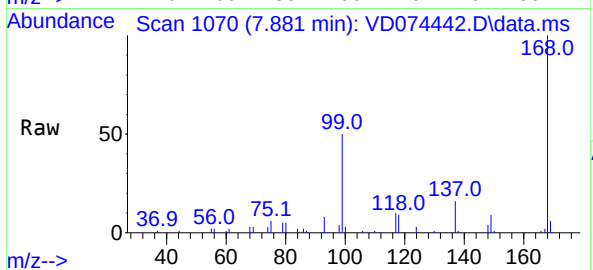




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

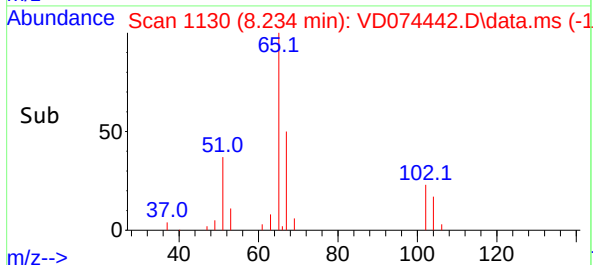
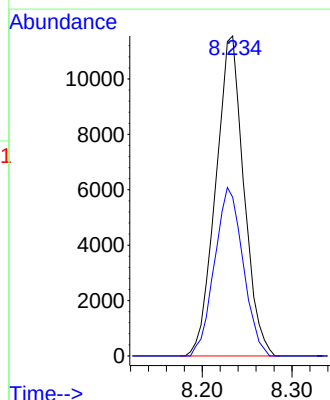
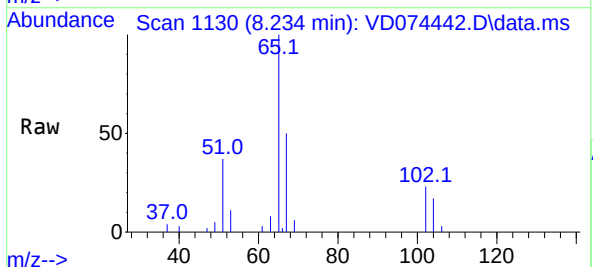
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

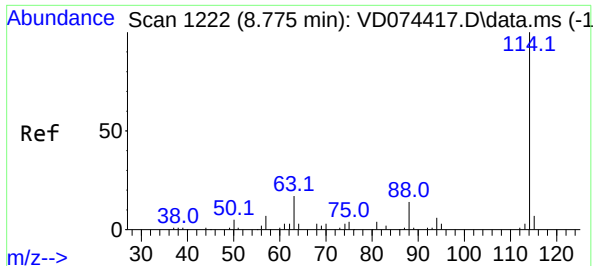
Tgt Ion: 56 Resp: 1066
Ion Ratio Lower Upper
56 100
69 131.8 29.2 43.8#
84 117.3 83.4 125.2



#33
1,2-Dichloroethane-d4
Concen: 44.240 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 65 Resp: 25114
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2

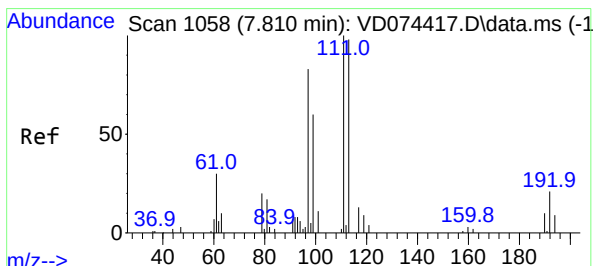
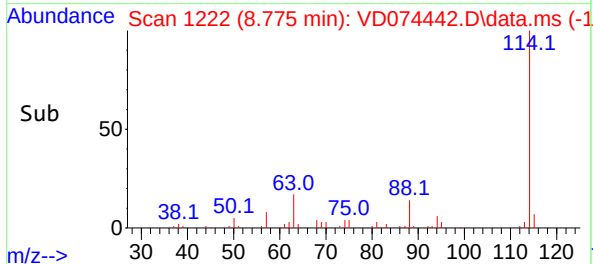
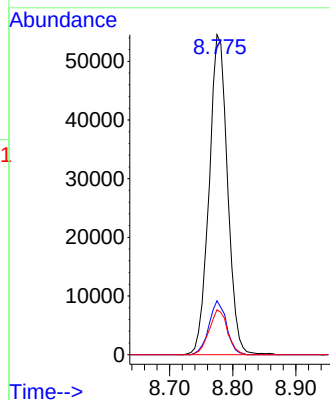
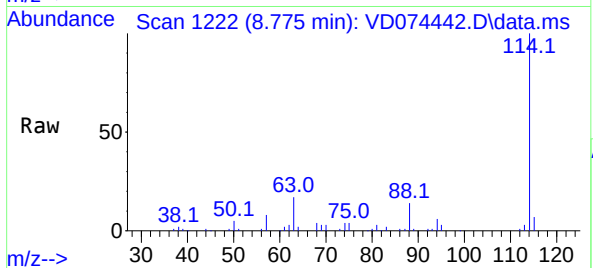




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

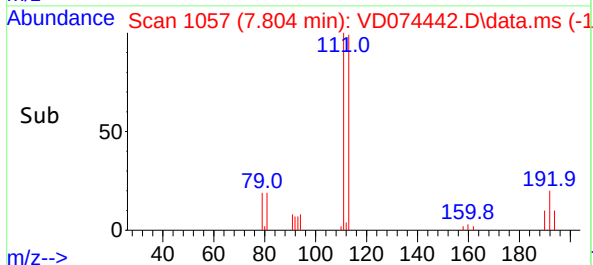
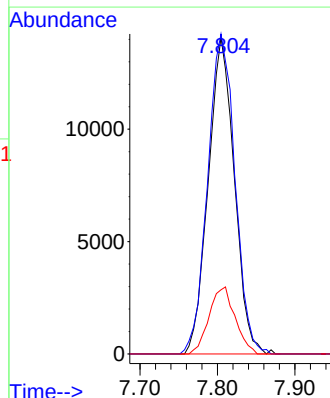
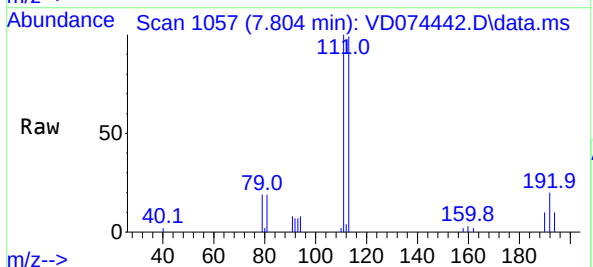
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

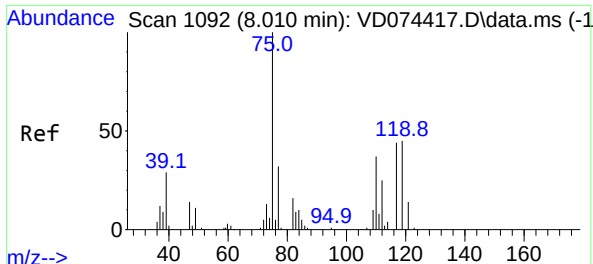
Tgt Ion:114 Resp: 110410
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.2
88 14.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 43.890 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion:113 Resp: 32926
Ion Ratio Lower Upper
113 100
111 105.8 82.3 123.5
192 21.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.186 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD074442.D

Acq: 27 Sep 2022 13:48

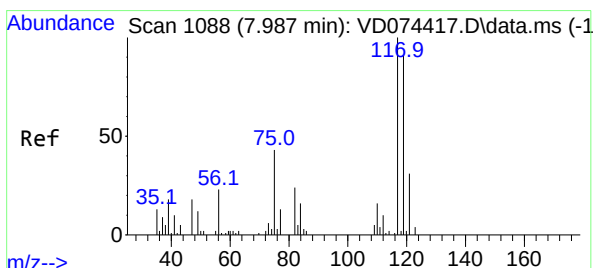
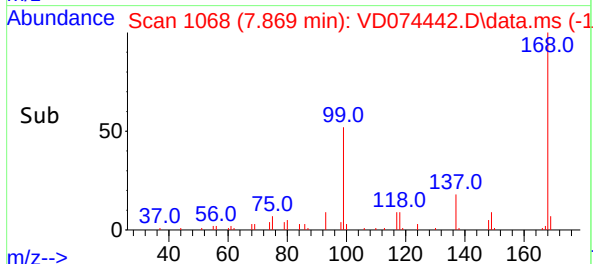
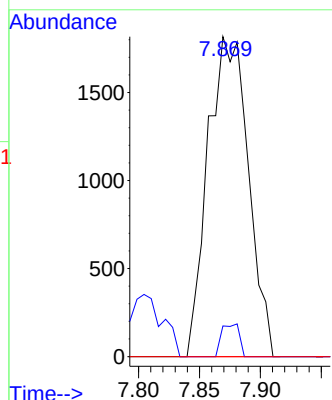
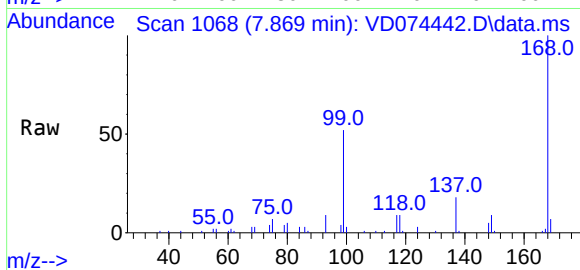
Instrument :

MSVOA_D

ClientSampleId :

OK-03-092622

Tgt Ion: 75	Resp: 4197
Ion Ratio	Lower Upper
75	100
110	4.5 19.7 59.0#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.605 ug/l

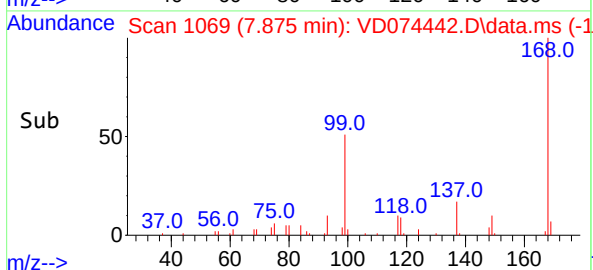
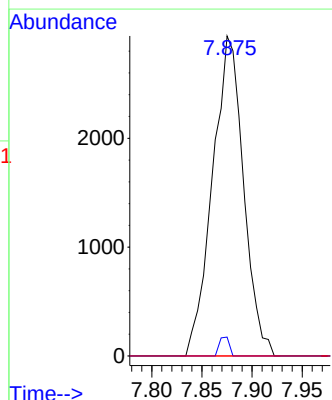
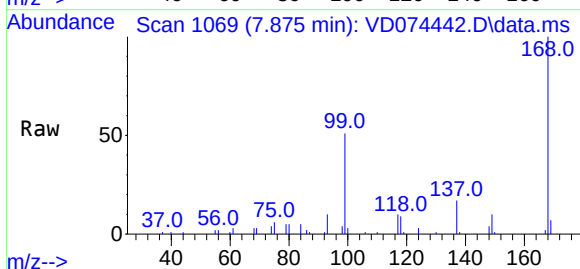
RT: 7.875 min Scan# 1069

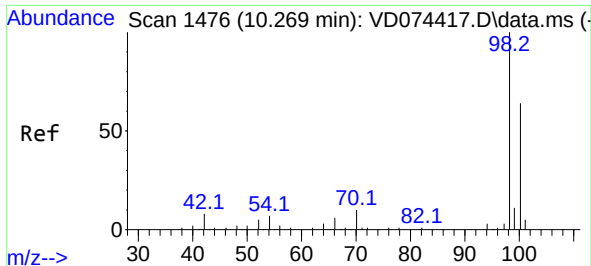
Delta R.T. -0.112 min

Lab File: VD074442.D

Acq: 27 Sep 2022 13:48

Tgt Ion: 117	Resp: 6337
Ion Ratio	Lower Upper
117	100
119	5.9 73.1 109.7#
121	0.0 25.0 37.6#

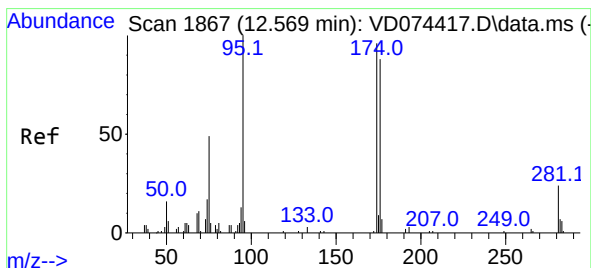
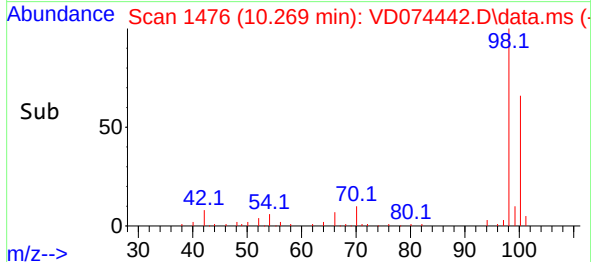
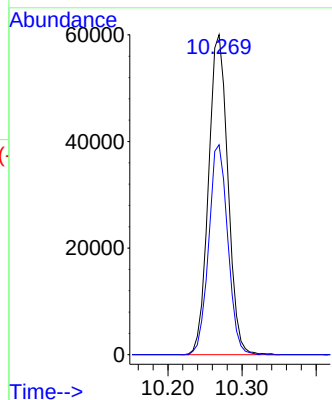
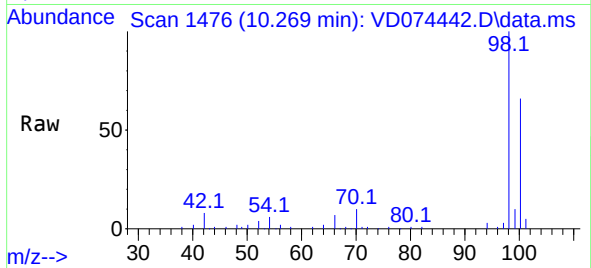




#50
Toluene-d8
Concen: 43.491 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

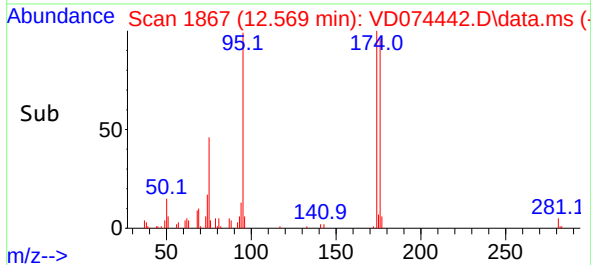
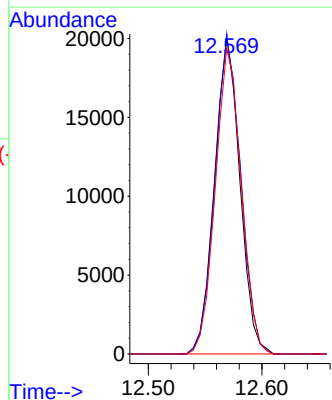
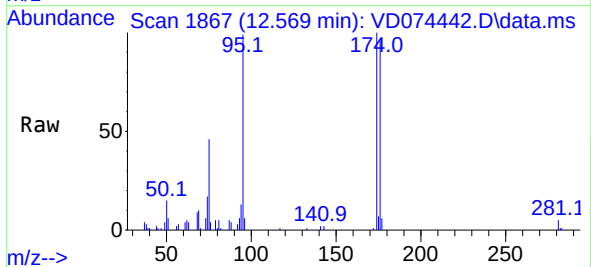
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

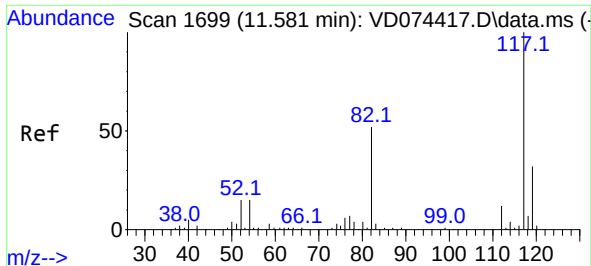
Tgt Ion: 98 Resp: 109199
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 33.636 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 95 Resp: 31193
Ion Ratio Lower Upper
95 100
174 102.1 0.0 197.0
176 98.6 0.0 182.6

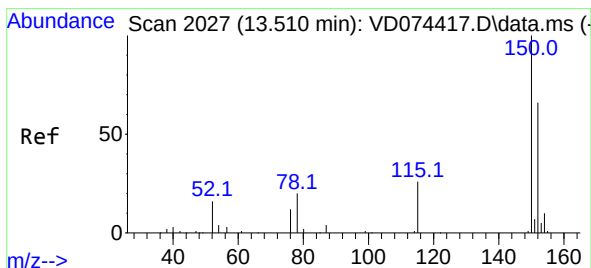
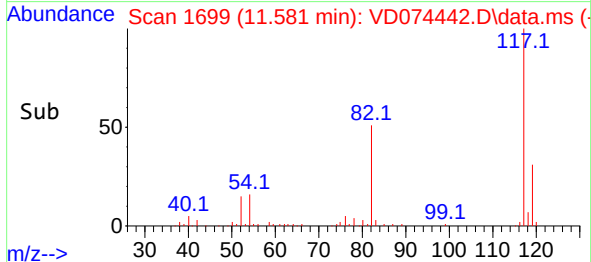
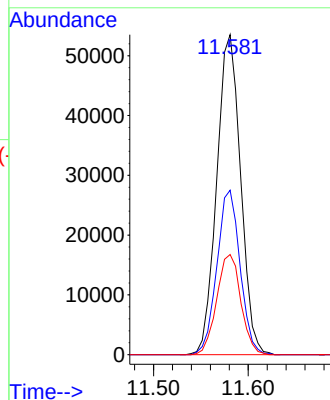
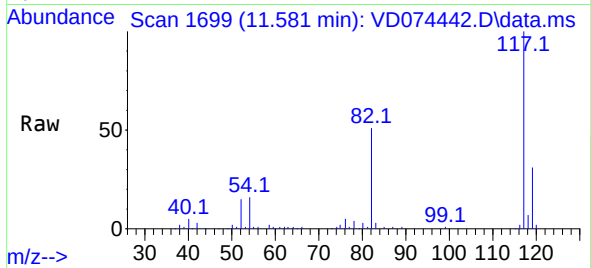




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

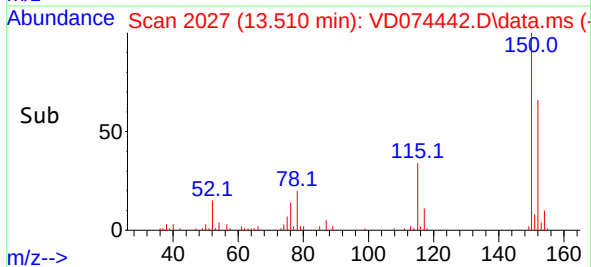
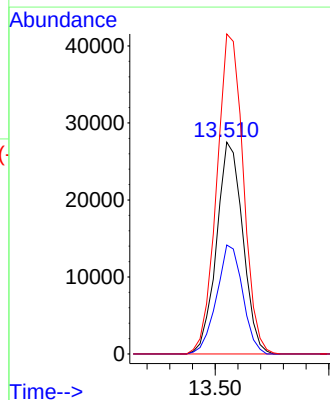
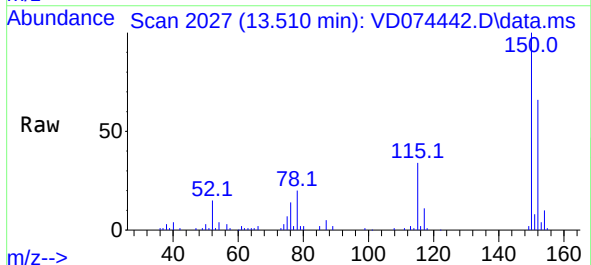
Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

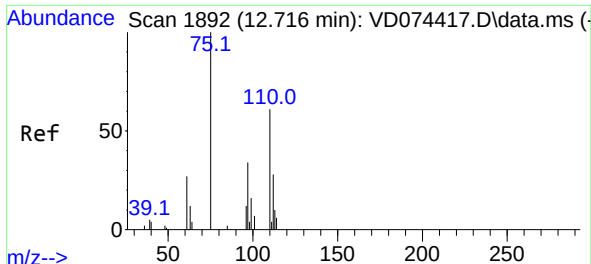
Tgt Ion:117 Resp: 93734
Ion Ratio Lower Upper
117 100
82 51.4 41.6 62.4
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion:152 Resp: 44136
Ion Ratio Lower Upper
152 100
115 51.1 26.8 80.4
150 153.2 0.0 348.2

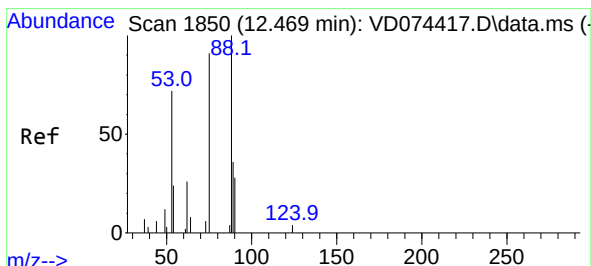
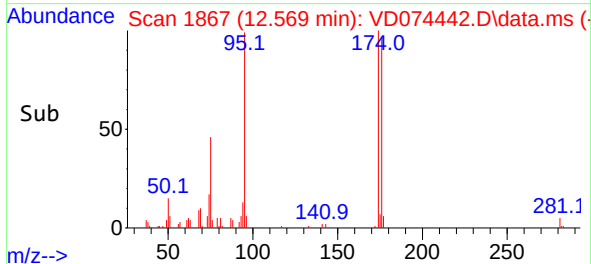
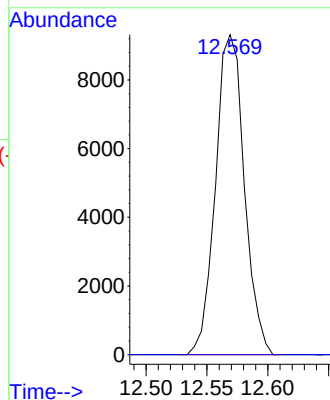
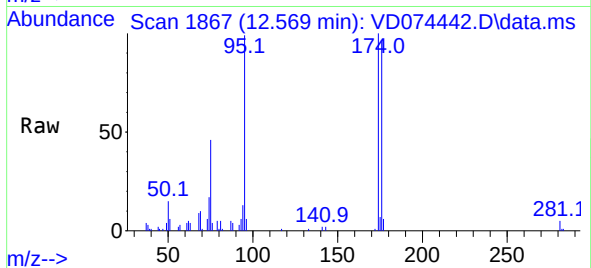




#76
1,2,3-Trichloropropane
Concen: 44.489 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Instrument :
MSVOA_D
ClientSampleId :
OK-03-092622

Tgt Ion: 75 Resp: 15358
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.564 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074442.D
Acq: 27 Sep 2022 13:48

Tgt Ion: 75 Resp: 15358
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

