

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074474.D
 Acq On : 06 Oct 2022 18:56
 Operator : VA/SY
 Sample : N5014-12
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-2.0-3.5

Quant Time: Oct 07 01:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

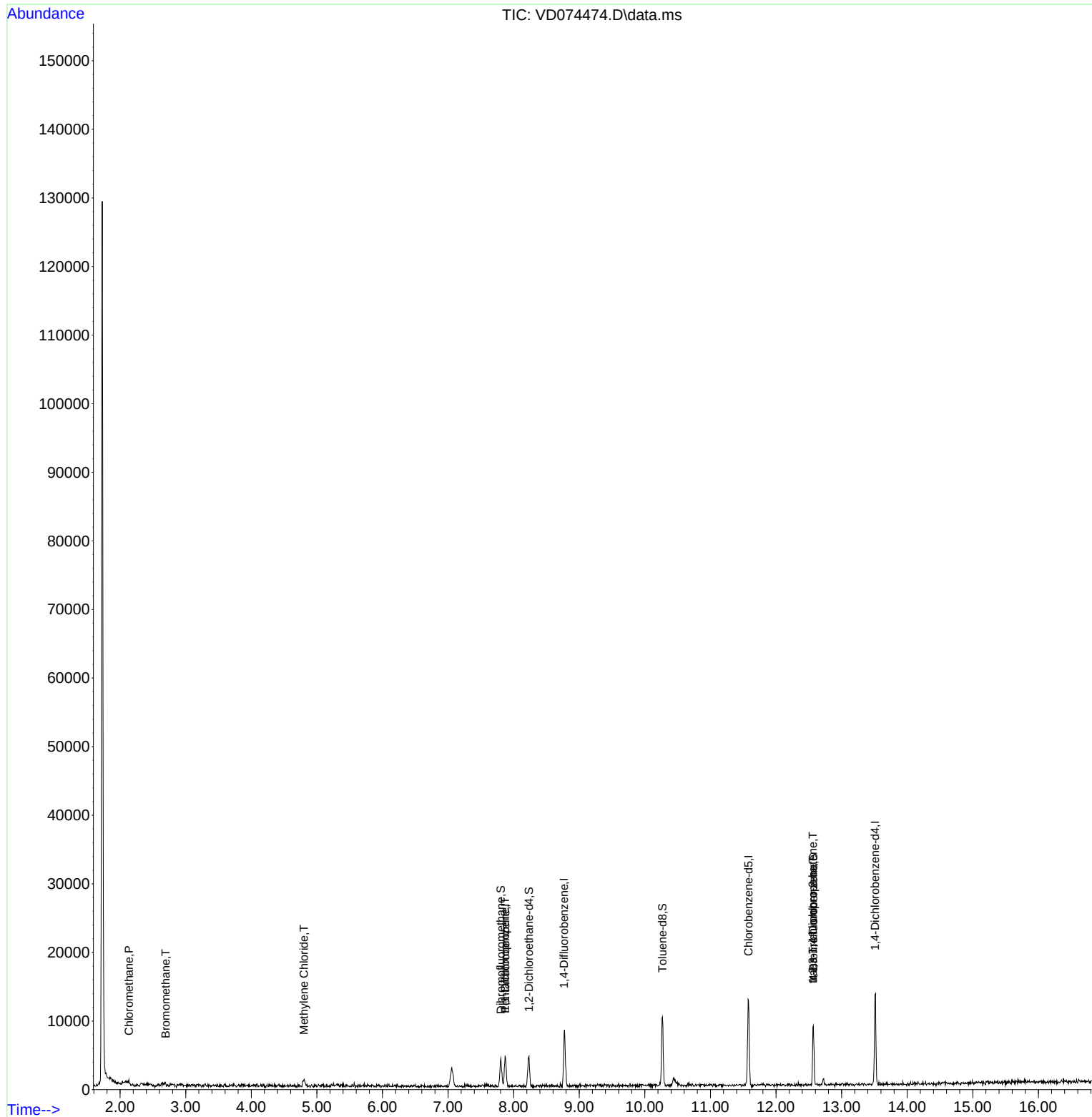
Internal Standards						
1) Pentafluorobenzene	7.875	168	4241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	8917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	9141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	4318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3744	99.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 198.720%#	
35) Dibromofluoromethane	7.804	113	2892	49.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.360%	
50) Toluene-d8	10.269	98	8218	38.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.380%	
62) 4-Bromofluorobenzene	12.569	95	3222	48.341	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.680%	
Target Compounds						Qvalue
3) Chloromethane	2.134	50	245	4.744	ug/l #	37
5) Bromomethane	2.693	94	60	2.287	ug/l #	3
20) Methylene Chloride	4.805	84	774	9.071	ug/l #	58
36) 1,1-Dichloropropene	7.869	75	311	3.768	ug/l #	39
76) 1,2,3-Trichloropropane	12.563	75	1584	47.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.563	75	1584	106.620	ug/l #	17

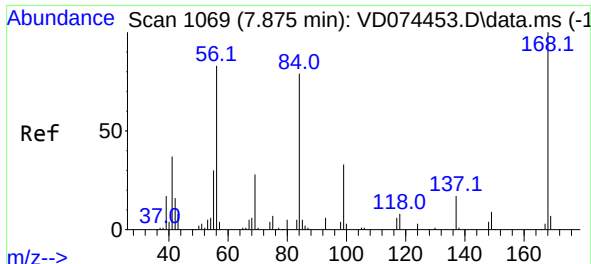
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10-2.0-3.5

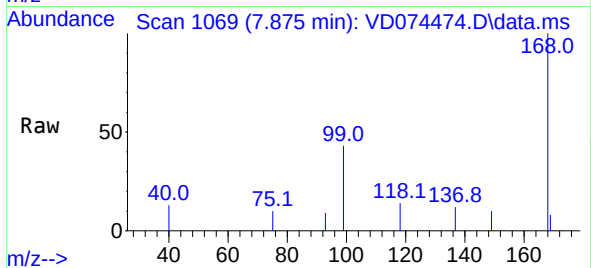
Quant Time: Oct 07 01:27:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



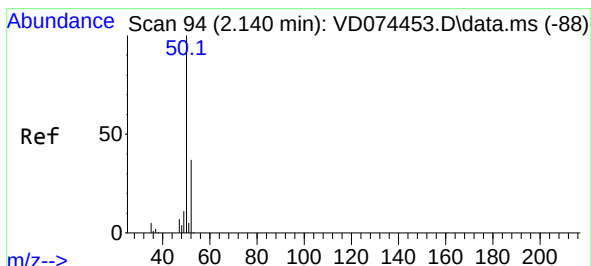
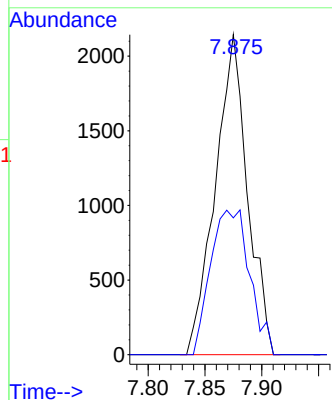
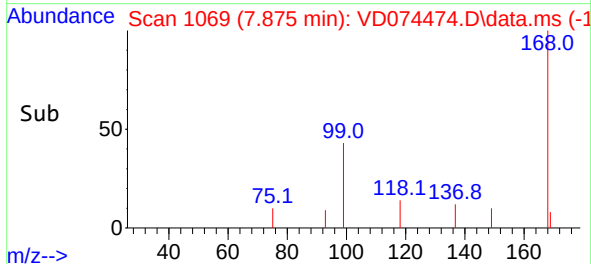


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5

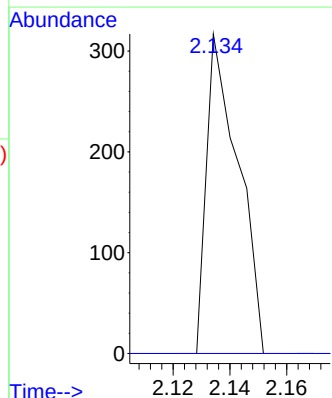
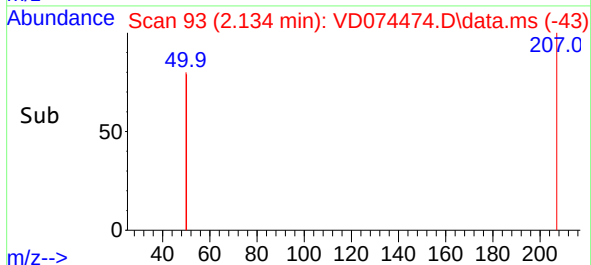
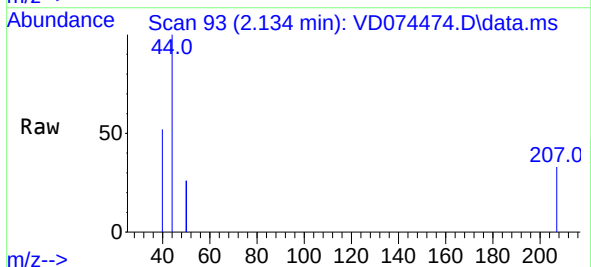


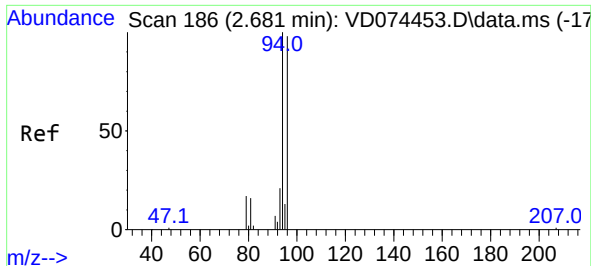
Tgt Ion:168 Resp: 4241
Ion Ratio Lower Upper
168 100
99 42.8 40.9 61.3



#3
Chloromethane
Concen: 4.744 ug/l
RT: 2.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

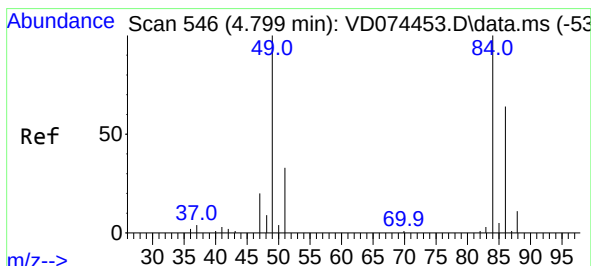
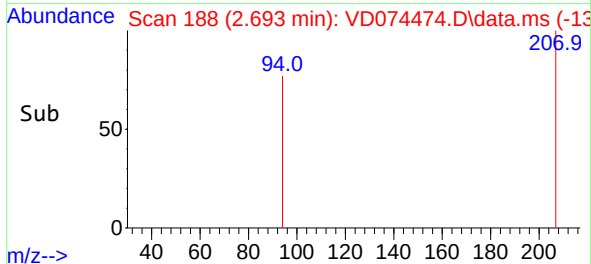
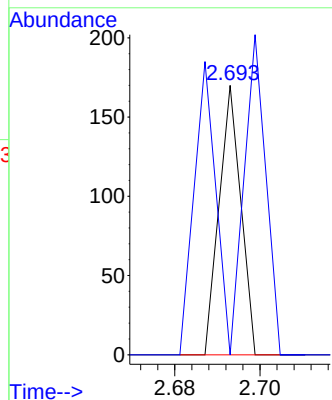
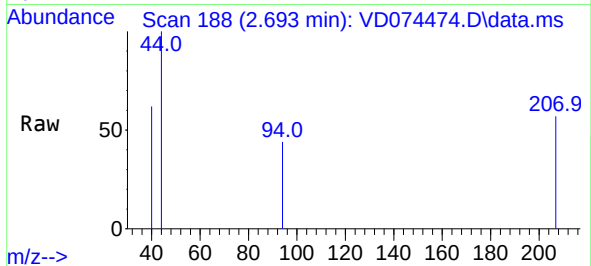




#5
Bromomethane
Concen: 2.287 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

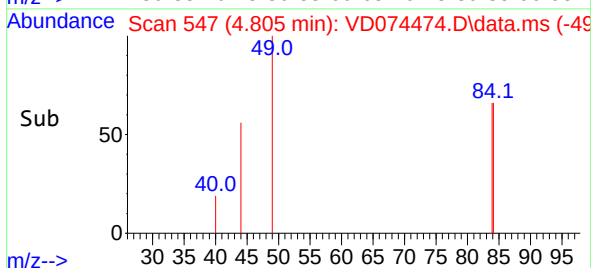
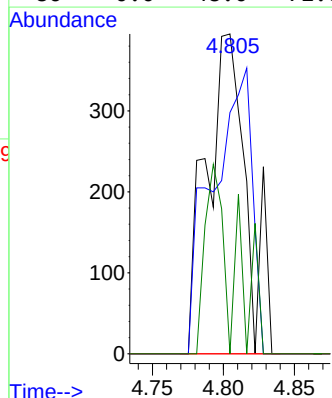
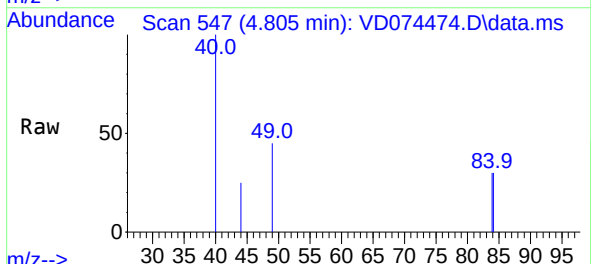
Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5

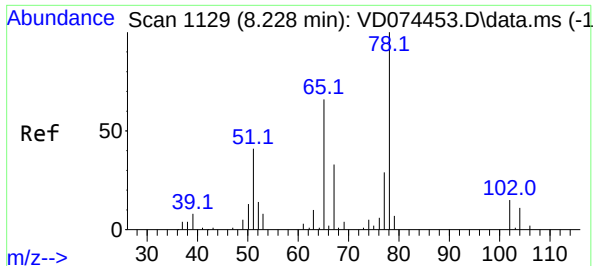
Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 74.6 112.0#



#20
Methylene Chloride
Concen: 9.071 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Tgt Ion: 84 Resp: 774
Ion Ratio Lower Upper
84 100
49 75.4 68.0 102.0
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#

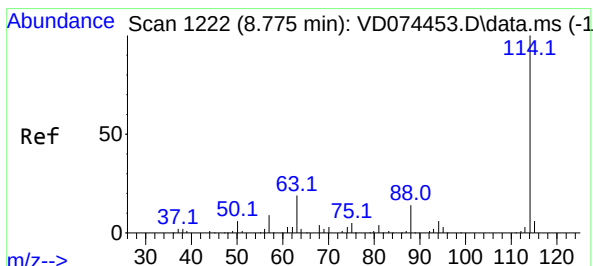
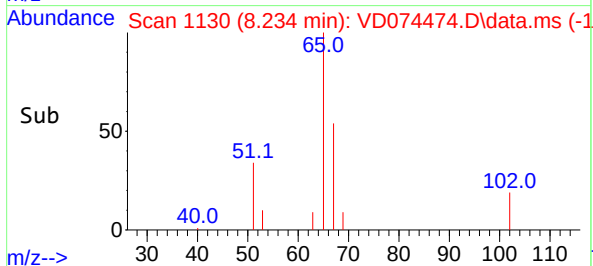
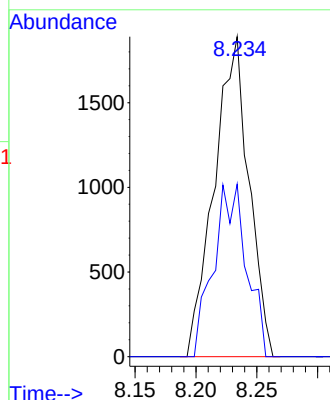
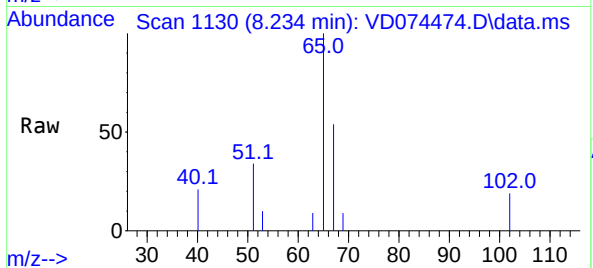




#33
1,2-Dichloroethane-d4
Concen: 99.363 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

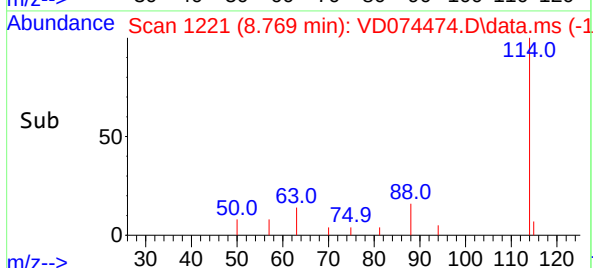
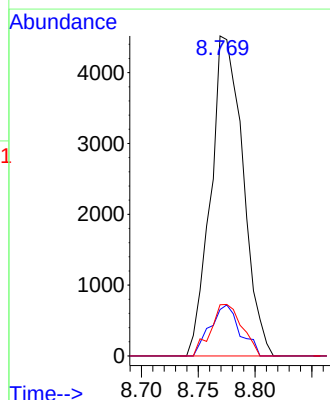
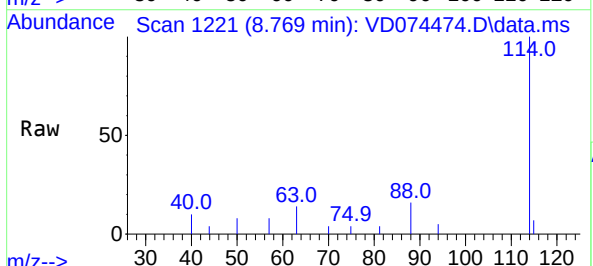
Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5

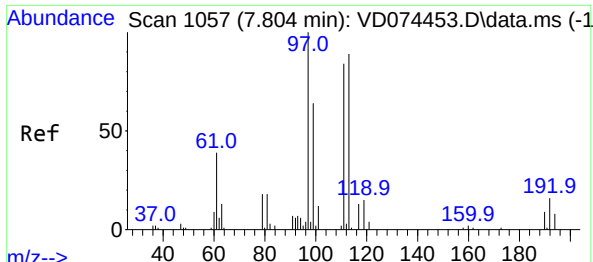
Tgt Ion: 65 Resp: 3744
Ion Ratio Lower Upper
65 100
67 51.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.769 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

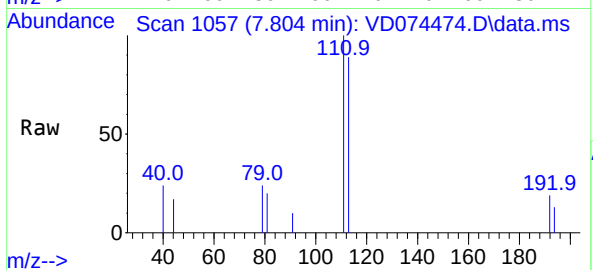
Tgt Ion: 114 Resp: 8917
Ion Ratio Lower Upper
114 100
63 14.5 0.0 33.2
88 16.0 0.0 28.2



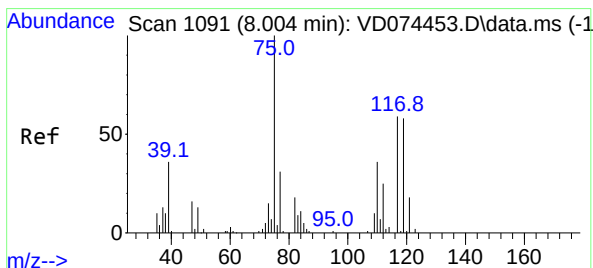
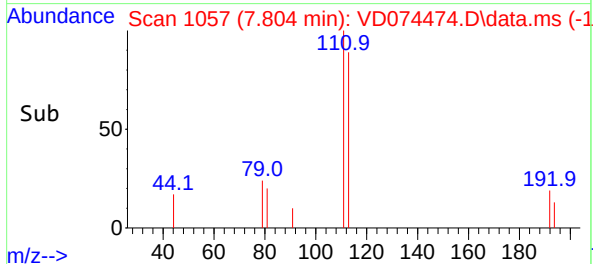
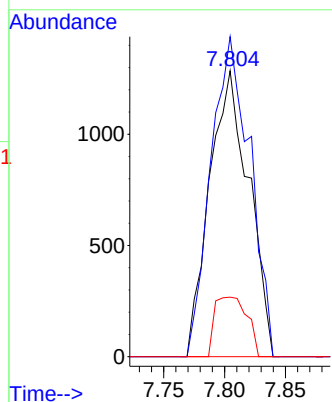


#35
Dibromofluoromethane
Concen: 49.184 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :
SB-10-2.0-3.5

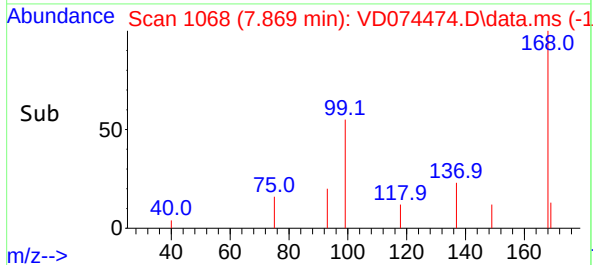
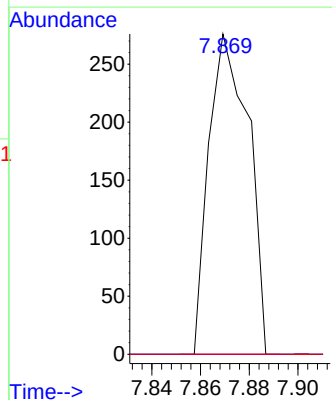
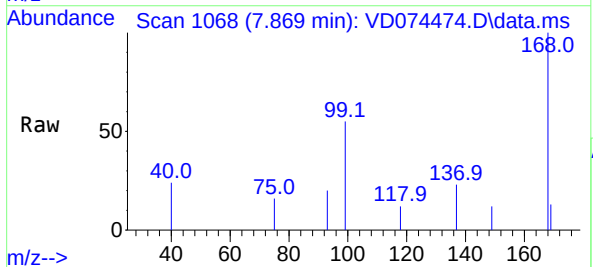


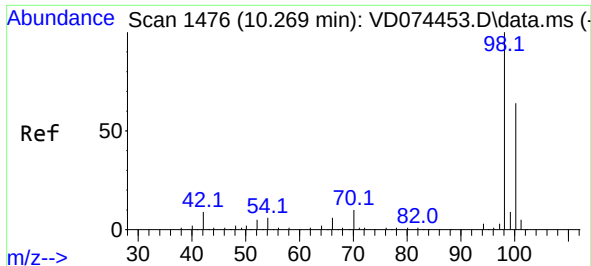
Tgt Ion: 113 Resp: 2892
Ion Ratio Lower Upper
113 100
111 111.0 82.3 123.5
192 17.2 16.4 24.6



#36
1,1-Dichloropropene
Concen: 3.768 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Tgt Ion: 75 Resp: 311
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#

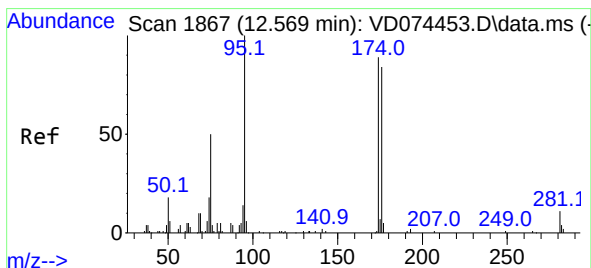
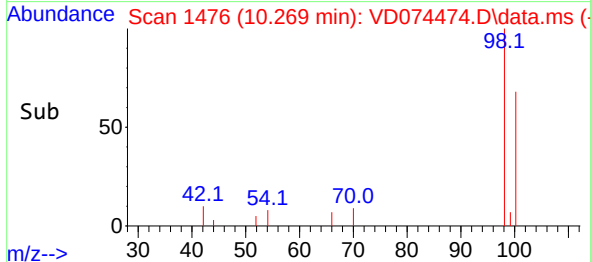
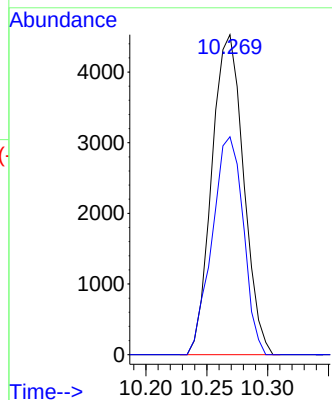
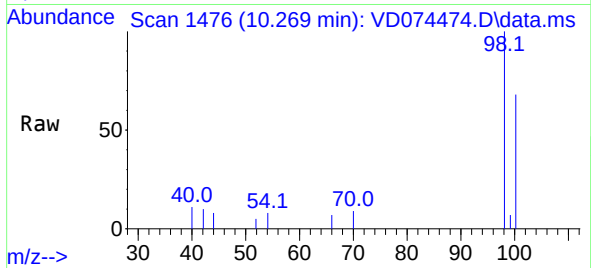




#50
Toluene-d8
Concen: 38.689 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

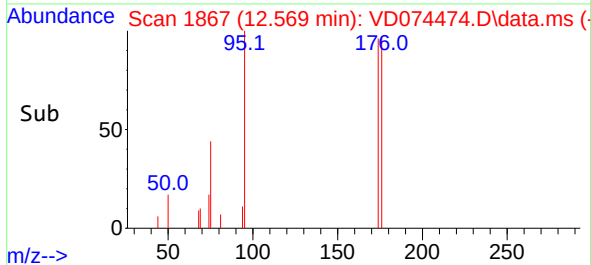
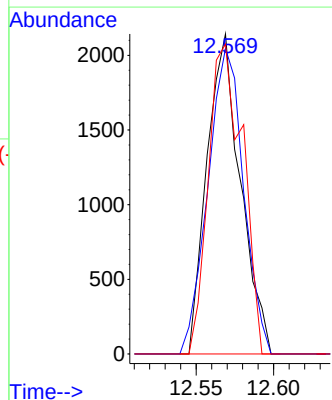
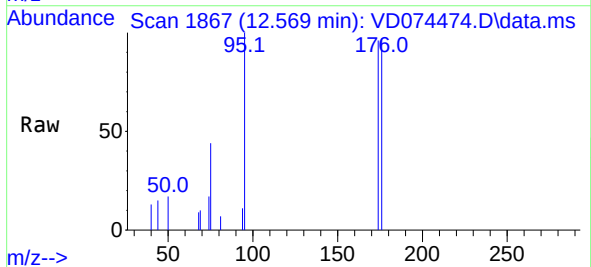
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ClientSampleId :
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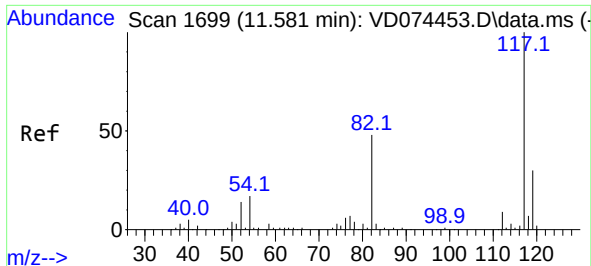
Tgt Ion: 98 Resp: 8218
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 48.341 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Tgt Ion: 95 Resp: 3222
Ion Ratio Lower Upper
95 100
174 101.4 0.0 197.0
176 98.9 0.0 182.6

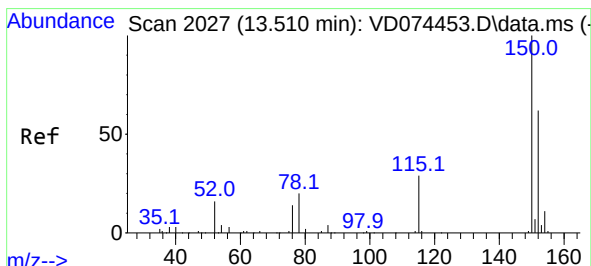
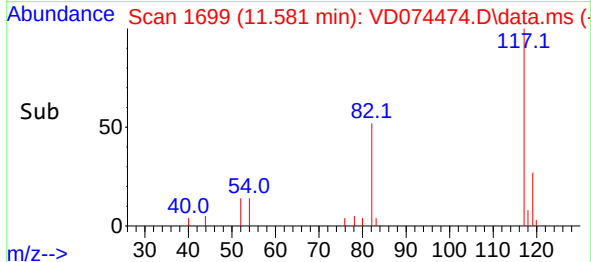
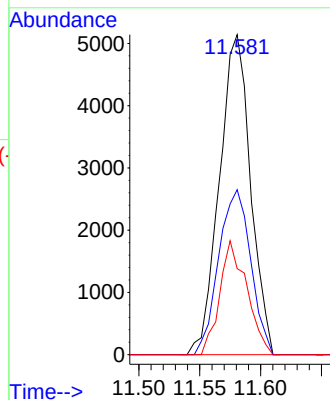
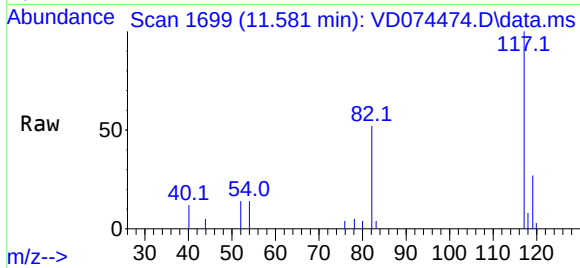




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

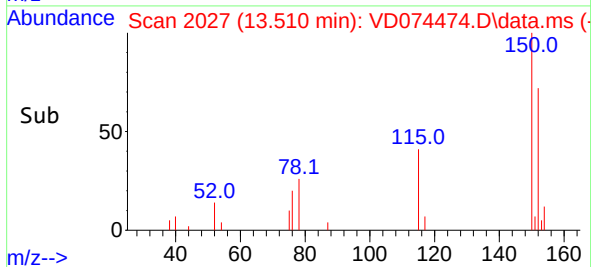
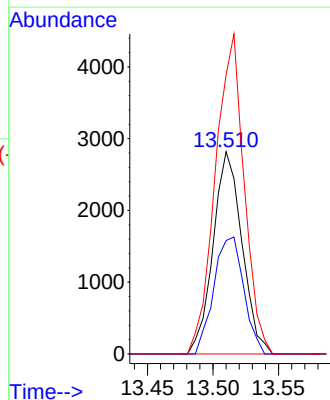
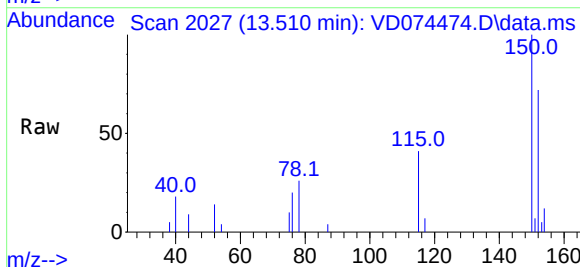
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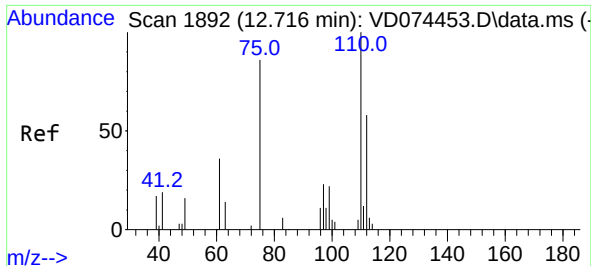
Tgt Ion:	117	Resp:	9141
Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.6	62.4
119	26.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074474.D
Acq: 06 Oct 2022 18:56

Tgt Ion:	152	Resp:	4318
Ion	Ratio	Lower	Upper
152	100		
115	59.8	26.8	80.4
150	157.5	0.0	348.2

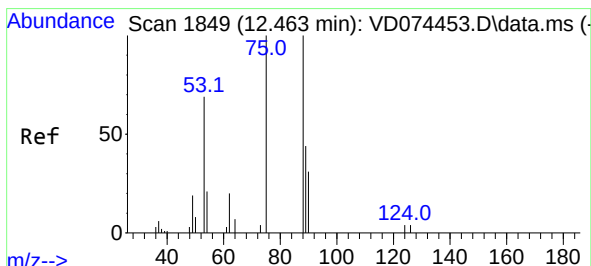
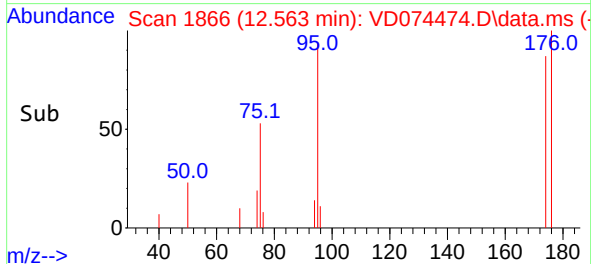
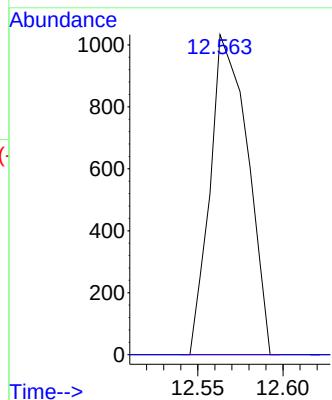
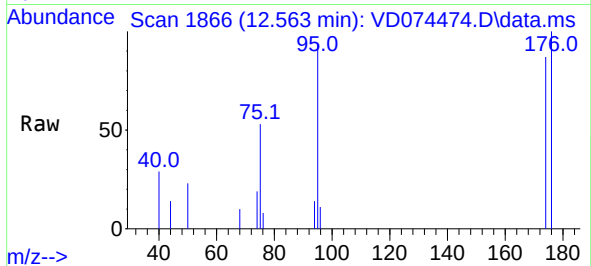




#76
 1,2,3-Trichloropropane
 Concen: 47.788 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.153 min
 Lab File: VD074474.D
 Acq: 06 Oct 2022 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-2.0-3.5

Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.620 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. 0.100 min
 Lab File: VD074474.D
 Acq: 06 Oct 2022 18:56

Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

