

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075750.D
 Acq On : 19 Apr 2023 15:48
 Operator : KP/SY
 Sample : 02270-24
 Misc : 2.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:01:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

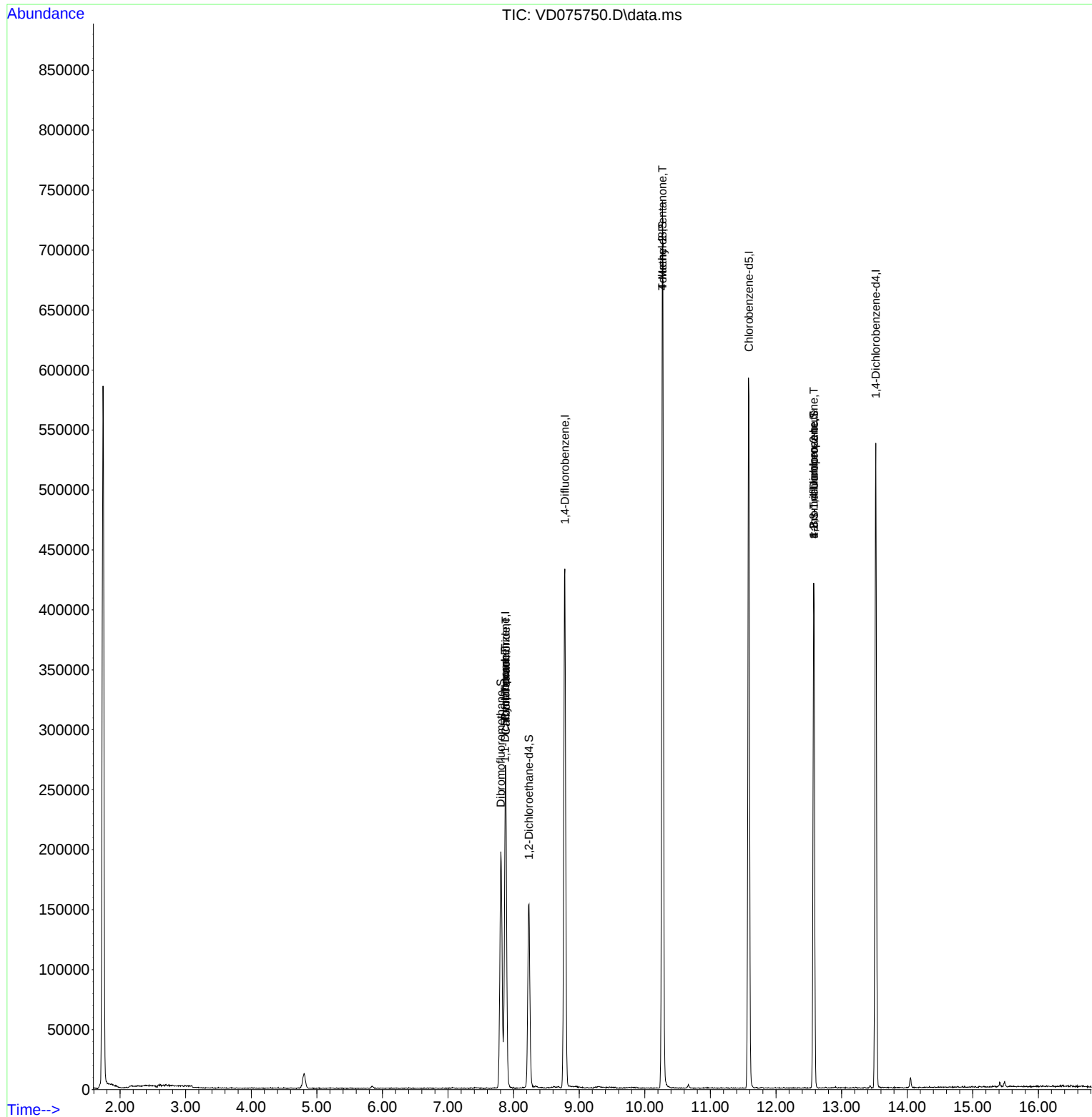
Internal Standards						
1) Pentafluorobenzene	7.875	168	217418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	420617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	376854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	152960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116507	56.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.900%	
35) Dibromofluoromethane	7.805	113	145754	51.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.040%	
50) Toluene-d8	10.269	98	544414	48.054	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.575	95	132657	44.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.100%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	11190	Below Cal	#	66
31) Cyclohexane	7.875	56	3655	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	15977	4.094	ug/l #	49
38) Carbon Tetrachloride	7.881	117	20608	5.996	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1304	1.129	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	66412	53.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	66412	115.396	ug/l #	5

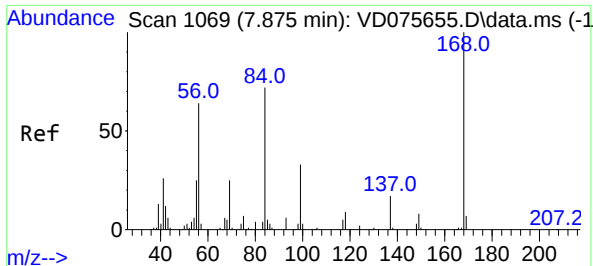
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

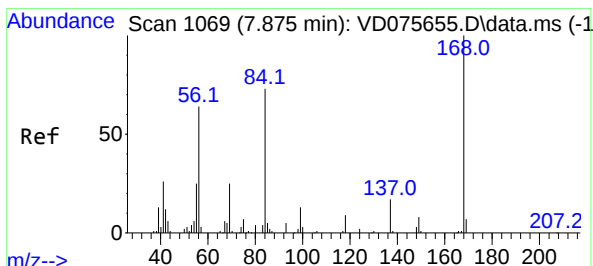
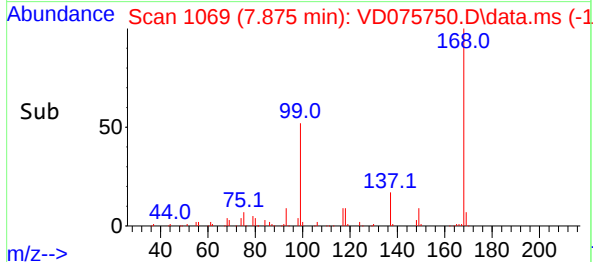
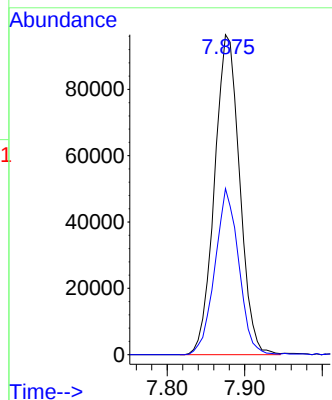
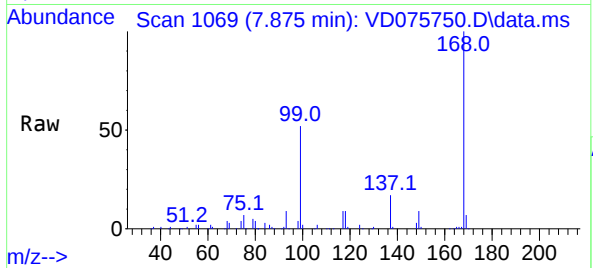




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

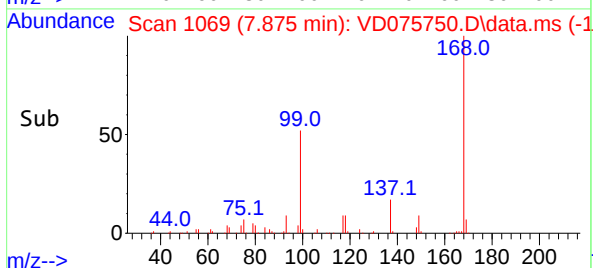
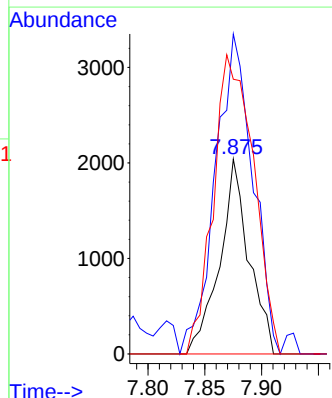
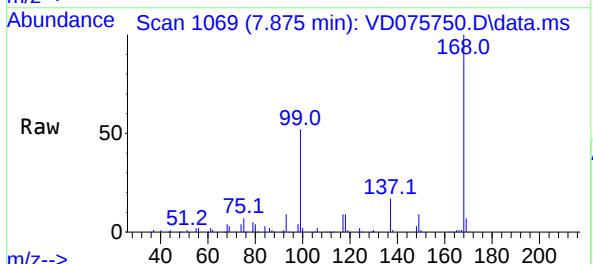
Instrument :
MSVOA_D
ClientSampleId :

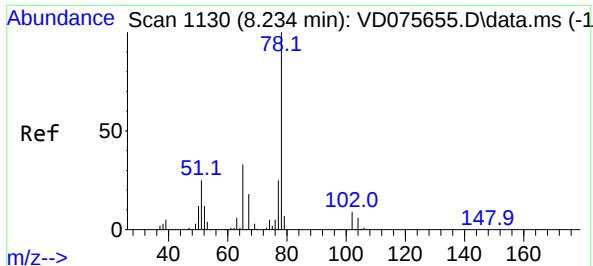
Tgt Ion:168 Resp: 217418
Ion Ratio Lower Upper
168 100
99 51.9 43.8 65.6



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Tgt Ion: 56 Resp: 3655
Ion Ratio Lower Upper
56 100
69 164.3 25.5 38.3#
84 141.0 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 56.455 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075750.D

Acq: 19 Apr 2023 15:48

Instrument :

MSVOA_D

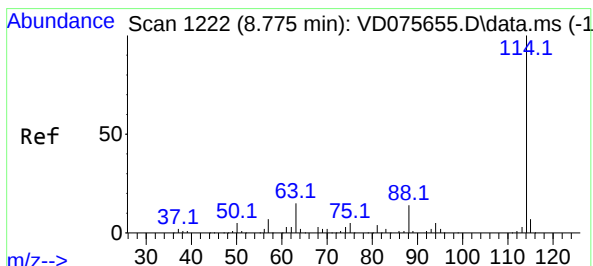
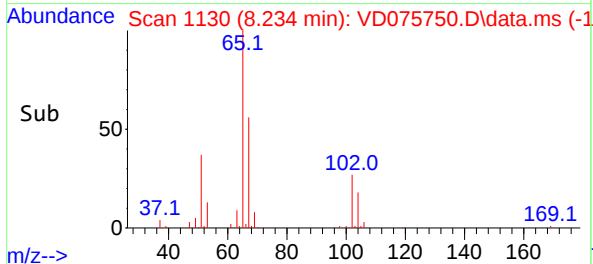
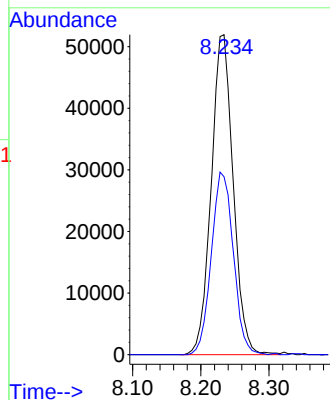
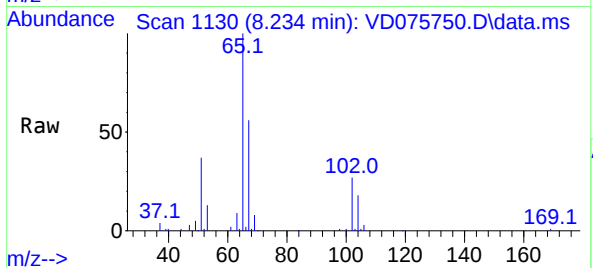
ClientSampleId :

Tgt Ion: 65 Resp: 116507

Ion Ratio Lower Upper

65 100

67 57.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075750.D

Acq: 19 Apr 2023 15:48

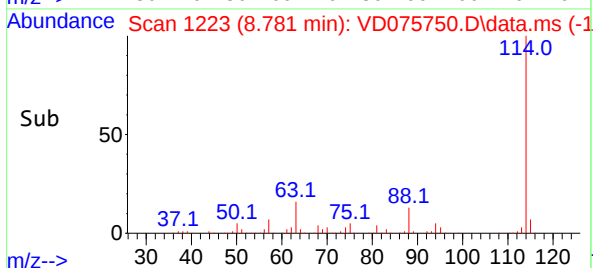
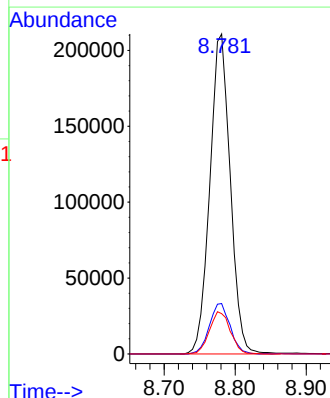
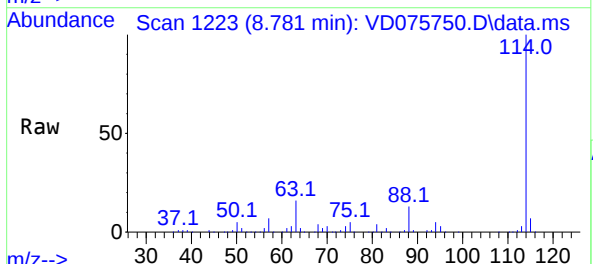
Tgt Ion: 114 Resp: 420617

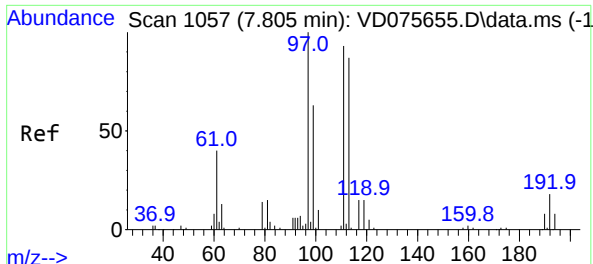
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

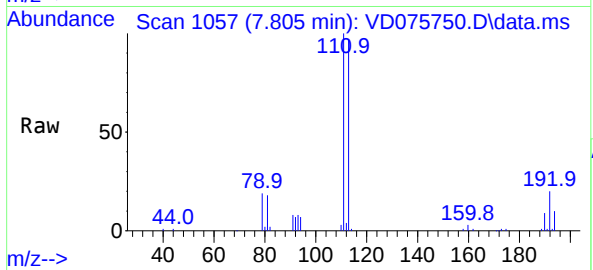
88 12.6 0.0 30.6



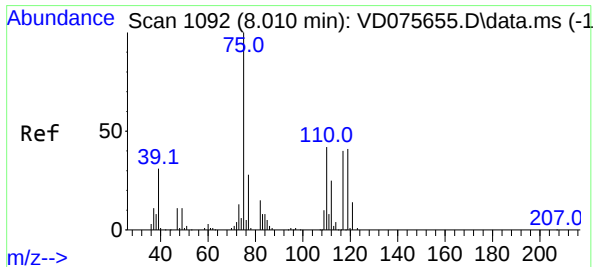
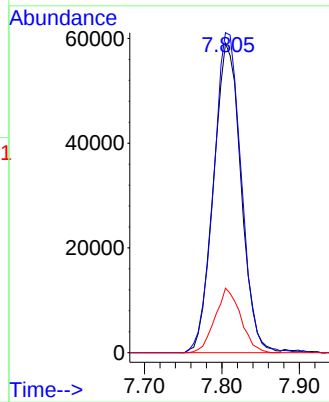
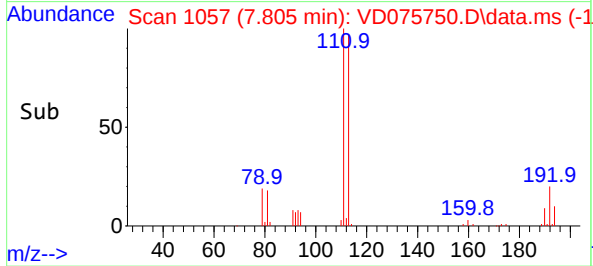


#35
Dibromofluoromethane
Concen: 51.520 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :

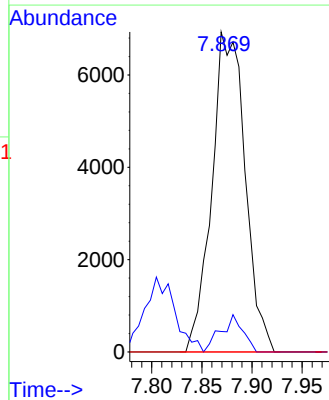
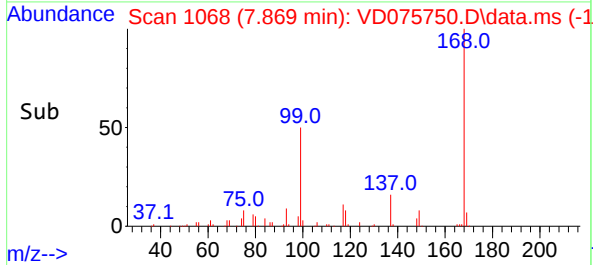
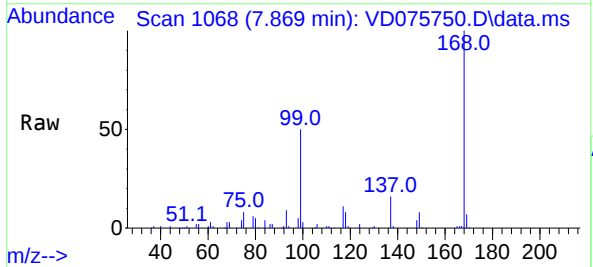


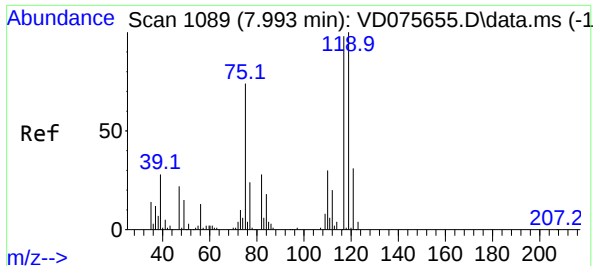
Tgt Ion:113 Resp: 145754
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 19.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.094 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

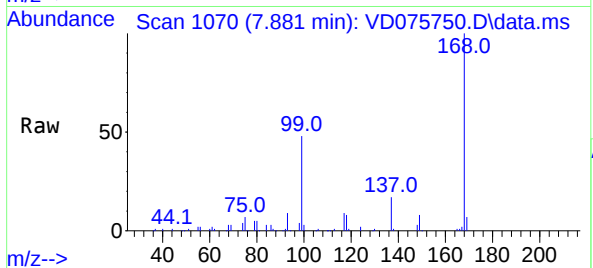
Tgt Ion: 75 Resp: 15977
Ion Ratio Lower Upper
75 100
110 7.7 17.1 51.2#
77 0.0 24.6 36.8#



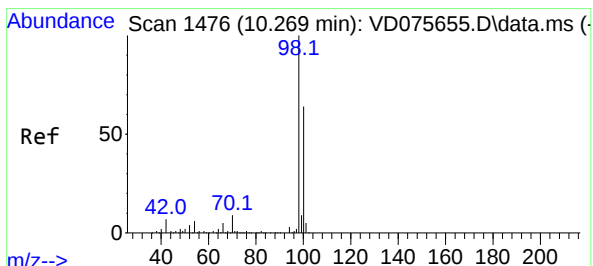
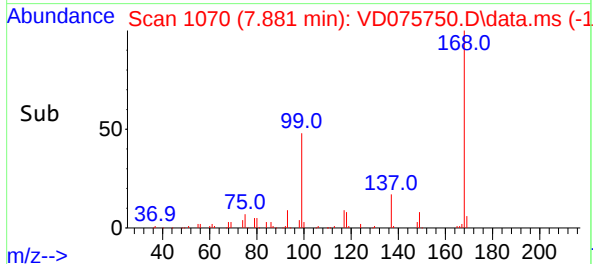
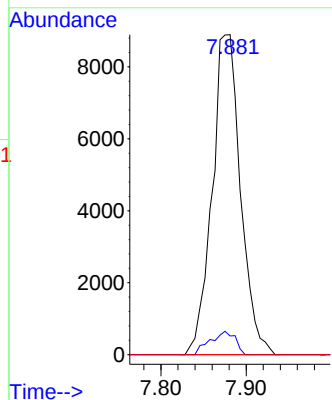


#38
Carbon Tetrachloride
Concen: 5.996 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :

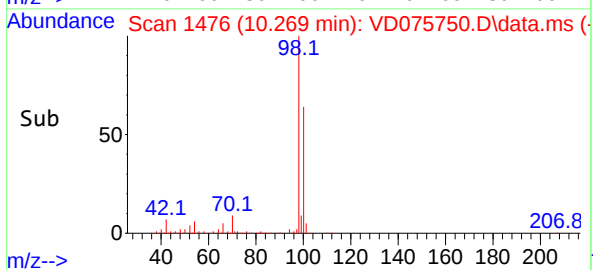
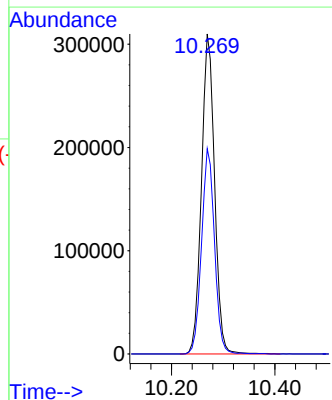
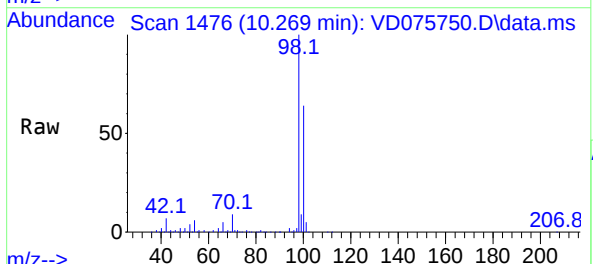


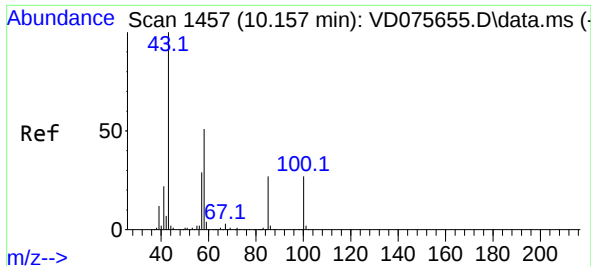
Tgt Ion:117 Resp: 20608
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Tgt Ion: 98 Resp: 544414
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.129 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD075750.D

Acq: 19 Apr 2023 15:48

Instrument :

MSVOA_D

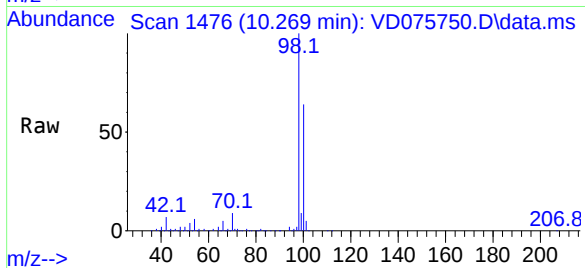
ClientSampleId :

Tgt Ion: 43 Resp: 1304

Ion Ratio Lower Upper

43 100

58 258.0 29.5 44.3#



Abundance

1500

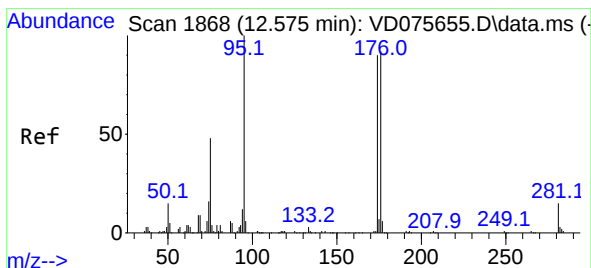
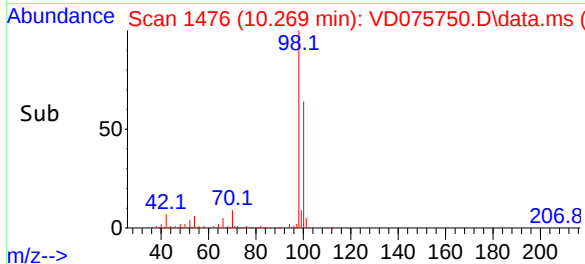
1000

500

0

10.269

Time-->



#62

4-Bromofluorobenzene

Concen: 44.053 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075750.D

Acq: 19 Apr 2023 15:48

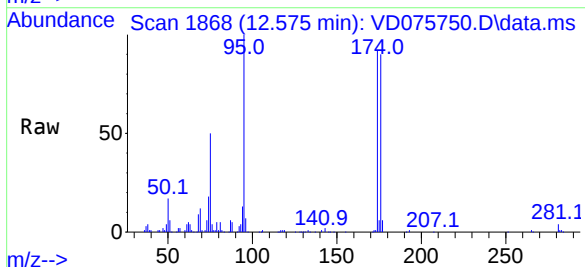
Tgt Ion: 95 Resp: 132657

Ion Ratio Lower Upper

95 100

174 92.1 0.0 164.0

176 88.1 0.0 156.8



Abundance

60000

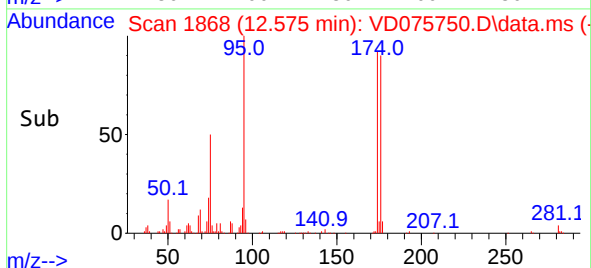
40000

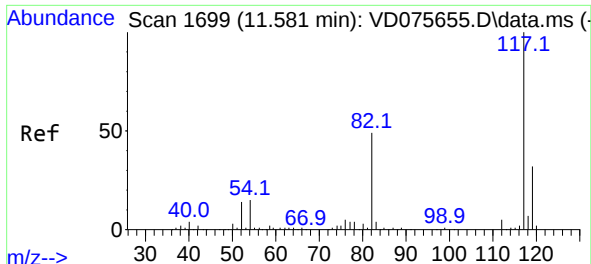
20000

0

12.575

Time-->

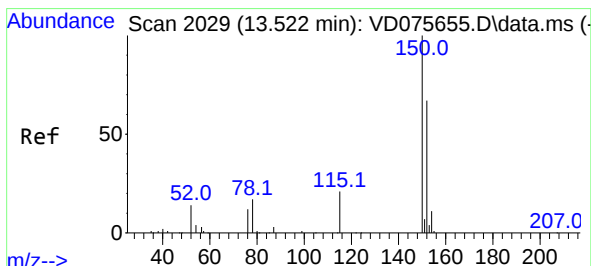
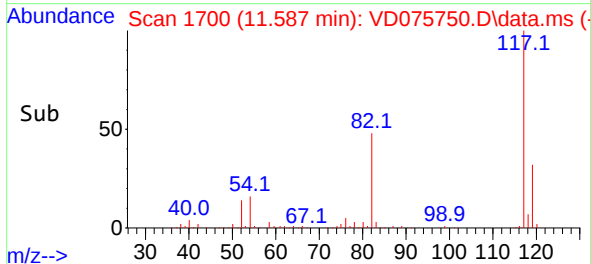
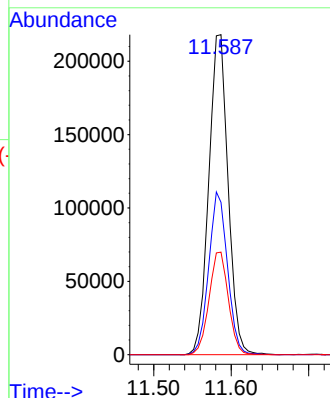
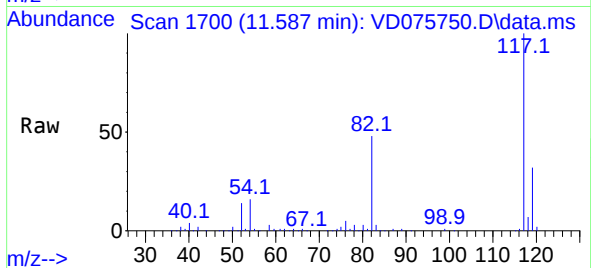




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

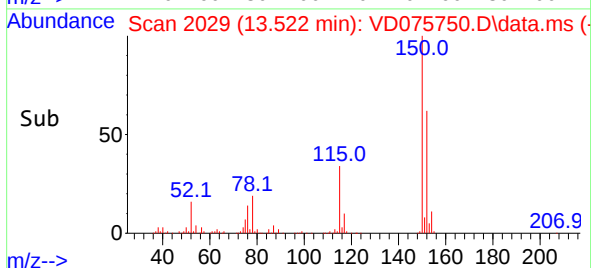
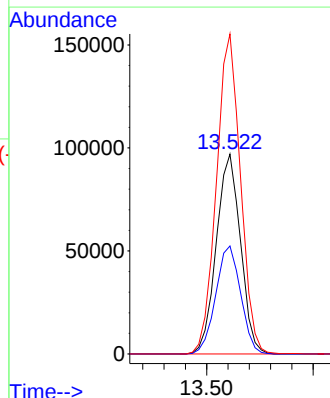
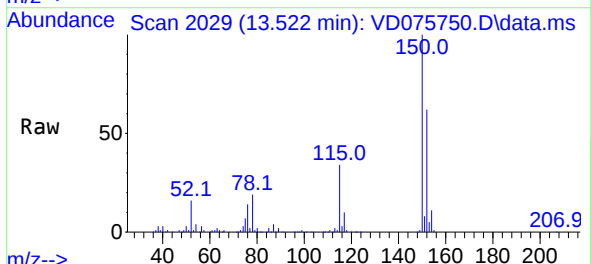
Instrument :
MSVOA_D
ClientSampleId :

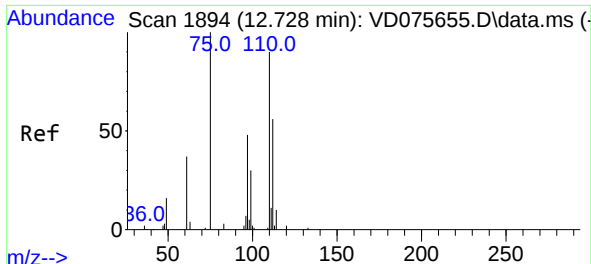
Tgt Ion:117 Resp: 376854
Ion Ratio Lower Upper
117 100
82 47.6 44.0 66.0
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Tgt Ion:152 Resp: 152960
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.3
150 159.1 0.0 364.8

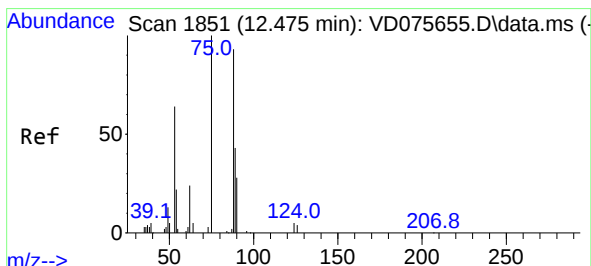
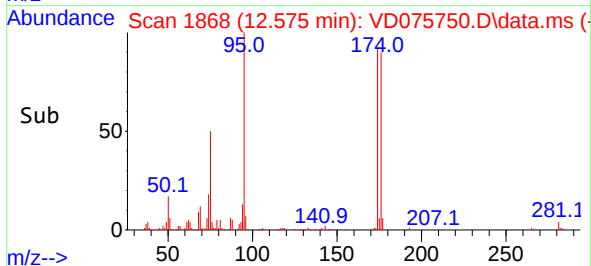
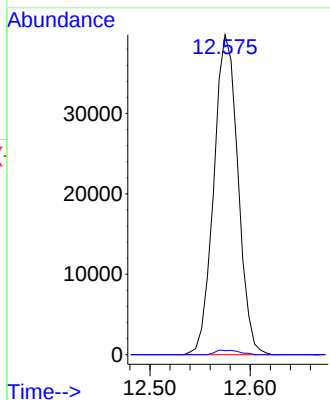
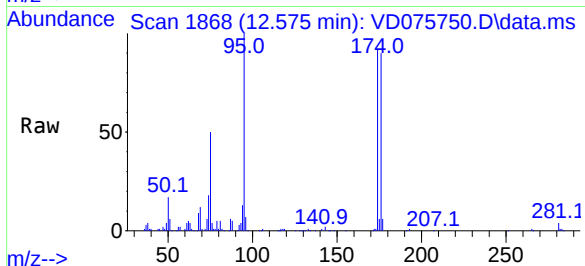




#76
1,2,3-Trichloropropane
Concen: 53.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 66412
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.396 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075750.D
Acq: 19 Apr 2023 15:48

Tgt Ion: 75 Resp: 66412
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

