

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075752.D
 Acq On : 19 Apr 2023 16:46
 Operator : KP/SY
 Sample : 02270-26
 Misc : 4.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:01:21 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)

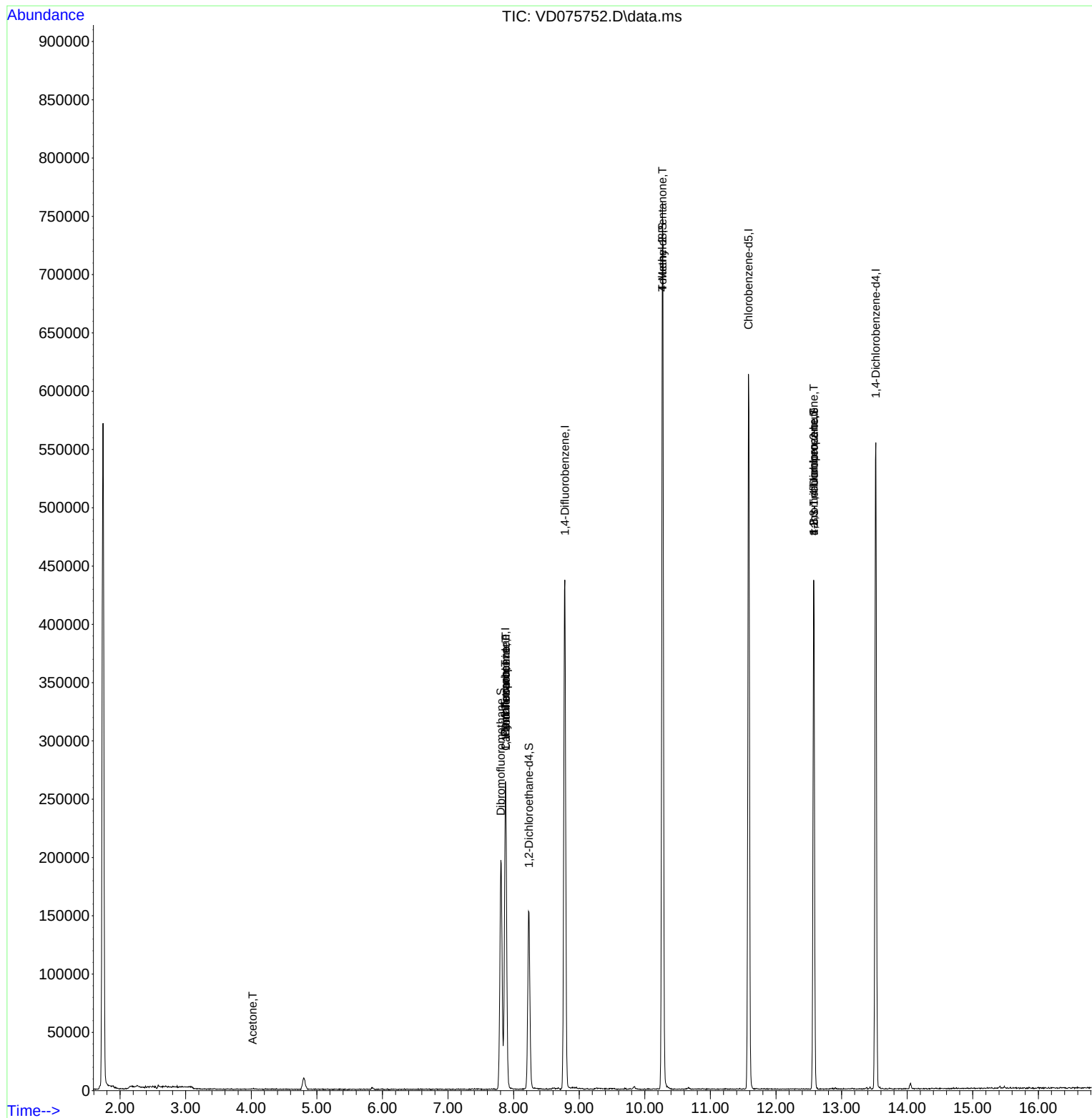
Internal Standards						
1) Pentafluorobenzene	7.875	168	218061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	430198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	392740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	161589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116701	56.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.760%	
35) Dibromofluoromethane	7.805	113	146977	50.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.269	98	561650	48.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.575	95	139295	45.228	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.460%	
Target Compounds						Qvalue
16) Acetone	4.022	43	563	1.485	ug/l #	44
20) Methylene Chloride	4.793	84	8745	Below Cal	#	68
31) Cyclohexane	7.875	56	4663	1.436	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	16366	4.100	ug/l #	51
38) Carbon Tetrachloride	7.881	117	20410	5.806	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1511	1.279	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	66195	50.234	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	66195	108.876	ug/l #	5

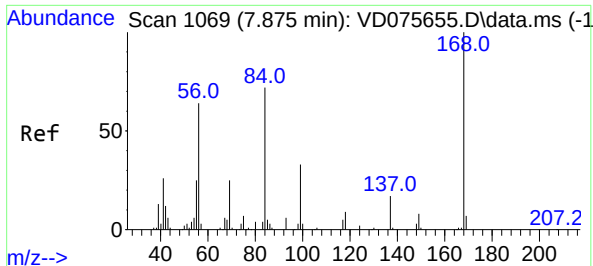
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
Data File : VD075752.D
Acq On : 19 Apr 2023 16:46
Operator : KP/SY
Sample : 02270-26
Misc : 4.17G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

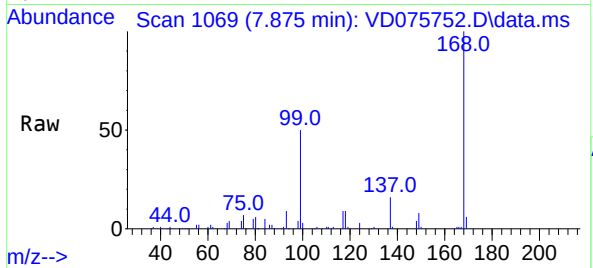
Quant Time: Apr 20 06:01:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration



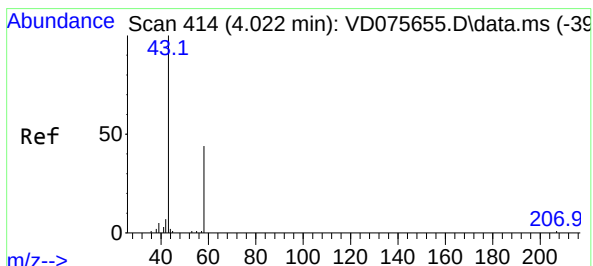
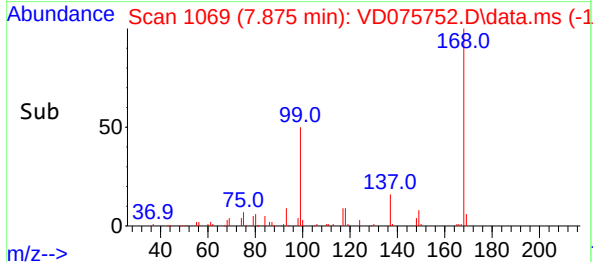
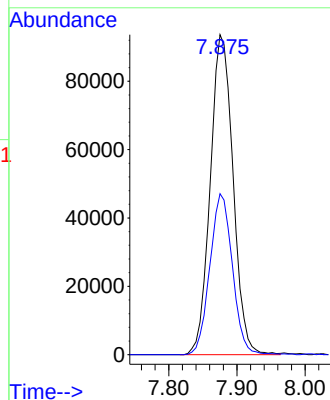


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :

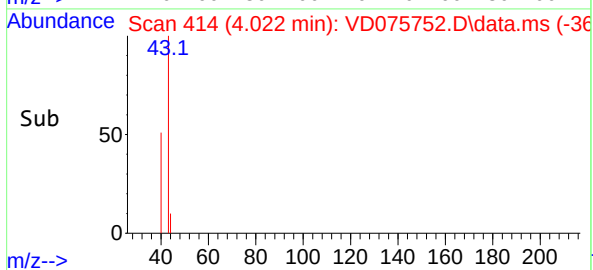
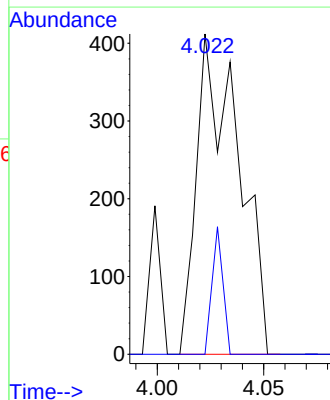
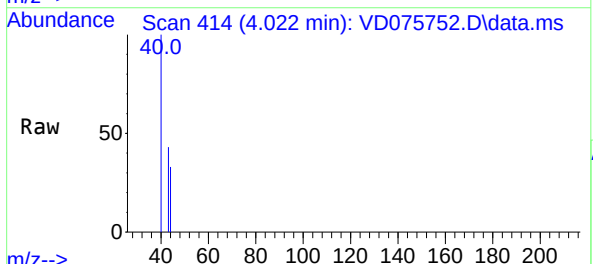


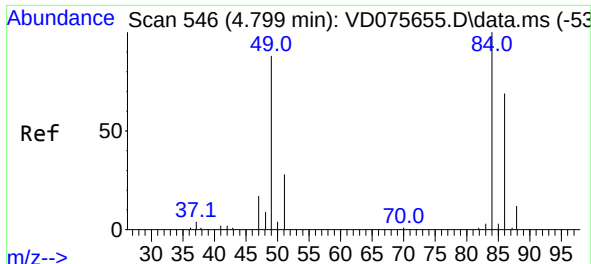
Tgt Ion:168 Resp: 218061
Ion Ratio Lower Upper
168 100
99 50.3 43.8 65.6



#16
Acetone
Concen: 1.485 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

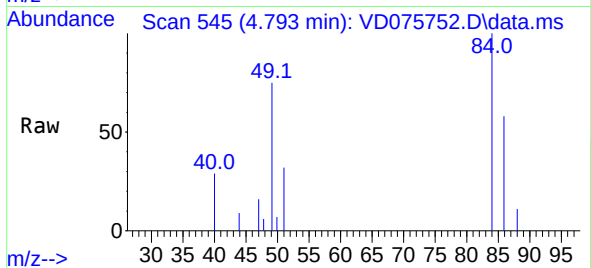
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





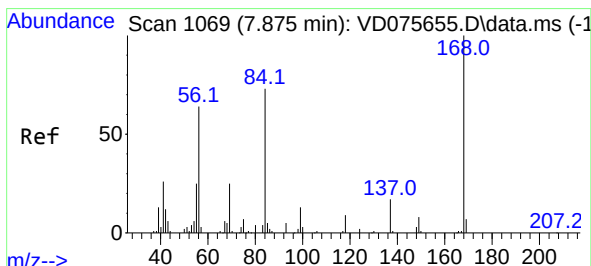
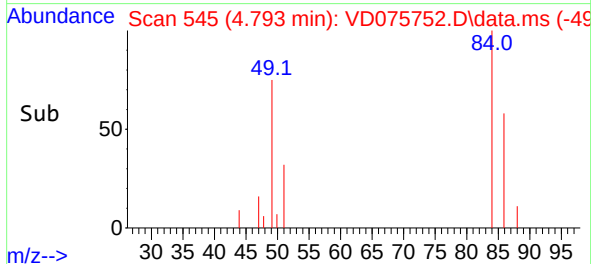
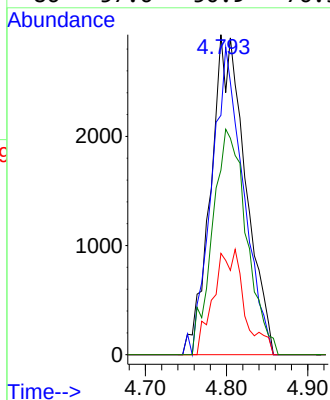
#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 8745

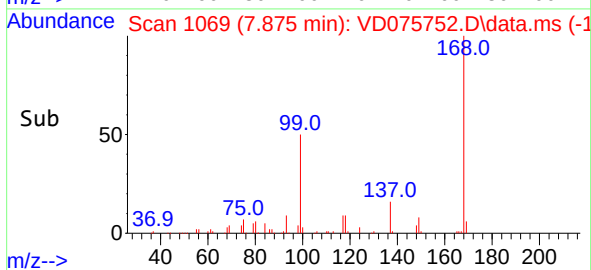
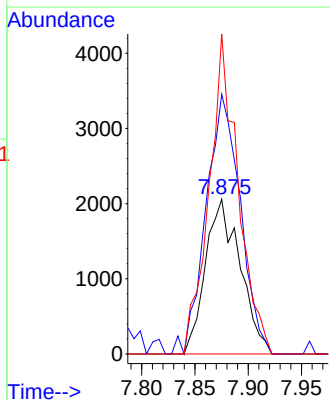
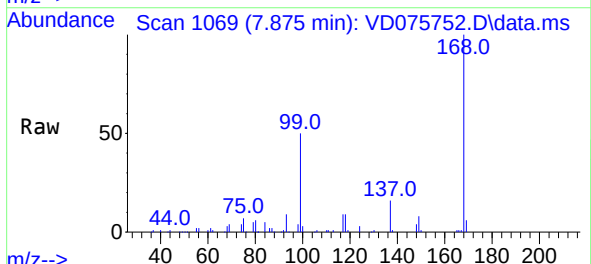
Ion	Ratio	Lower	Upper
84	100		
49	74.8	106.4	159.6#
51	31.7	32.4	48.6#
86	57.6	50.9	76.3

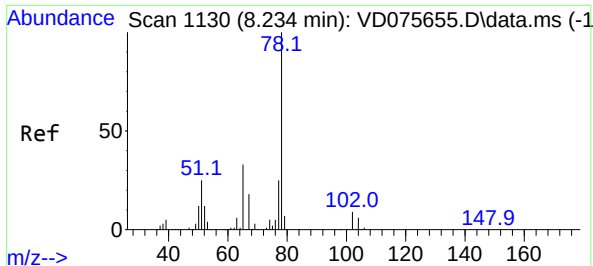


#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Tgt Ion: 56 Resp: 4663

Ion	Ratio	Lower	Upper
56	100		
69	167.9	25.5	38.3#
84	206.9	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 56.382 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075752.D

Acq: 19 Apr 2023 16:46

Instrument :

MSVOA_D

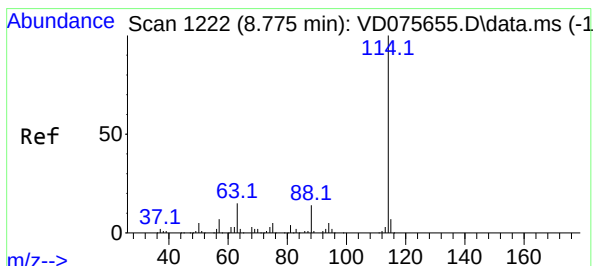
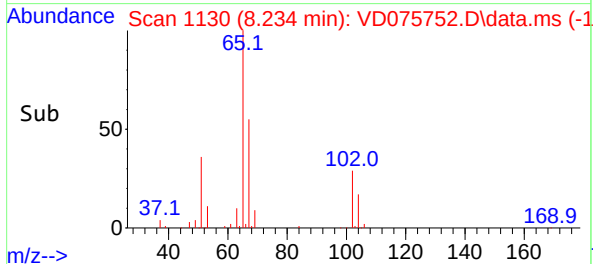
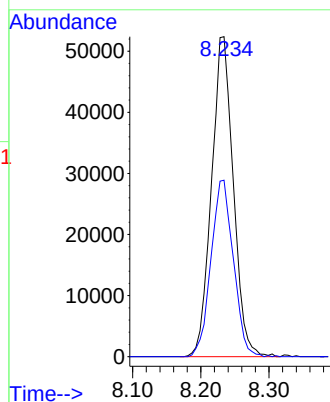
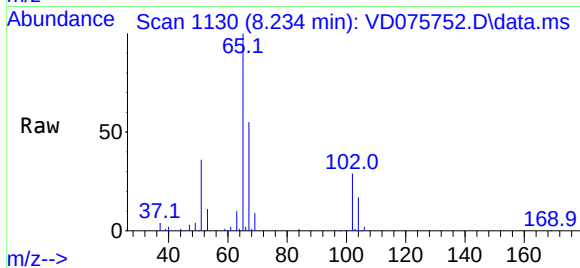
ClientSampleId :

Tgt Ion: 65 Resp: 116701

Ion Ratio Lower Upper

65 100

67 56.6 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: VD075752.D

Acq: 19 Apr 2023 16:46

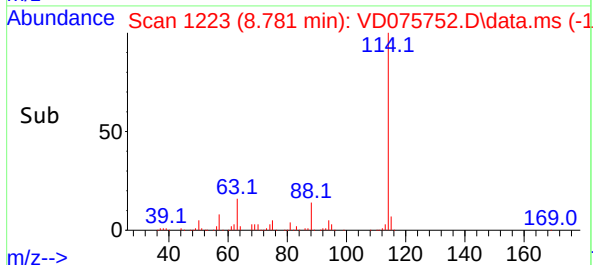
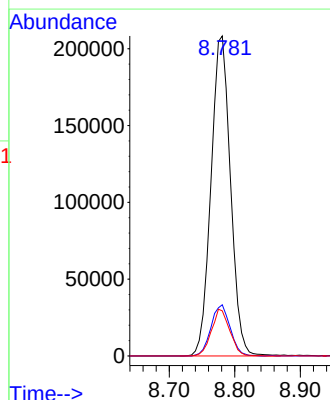
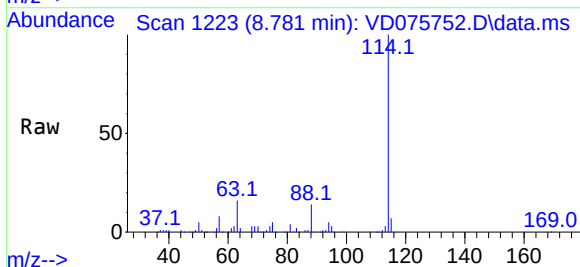
Tgt Ion: 114 Resp: 430198

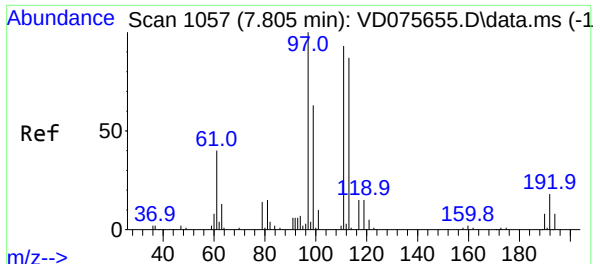
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 14.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.795 ug/l

RT: 7.805 min Scan# 10

Delta R.T. -0.000 min

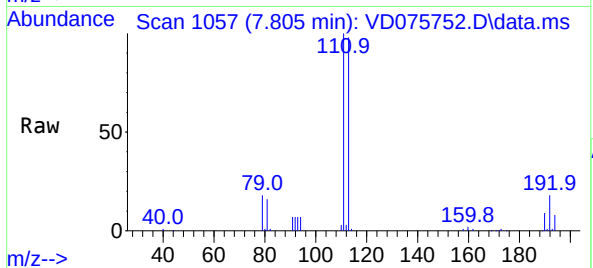
Lab File: VD075752.D

Acq: 19 Apr 2023 16:46

Instrument :

MSVOA_D

ClientSampleId :



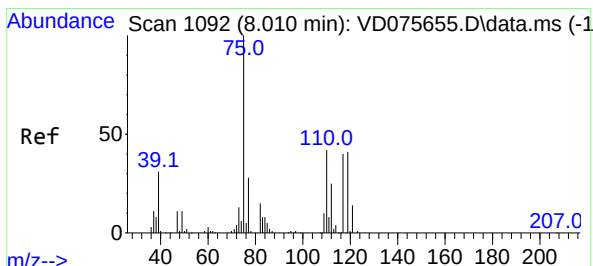
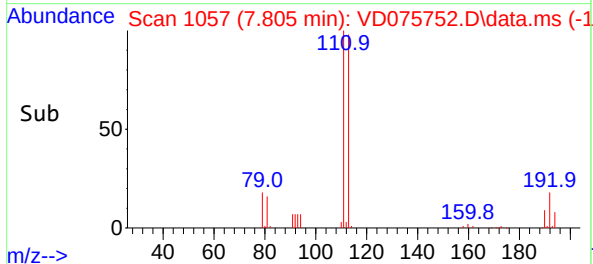
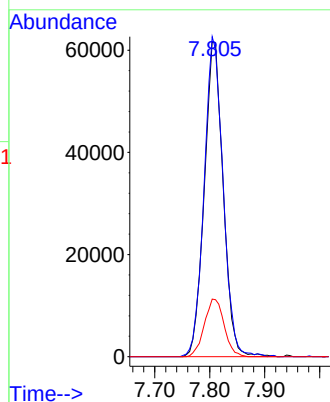
Tgt Ion:113 Resp: 146977

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.2 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.100 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075752.D

Acq: 19 Apr 2023 16:46

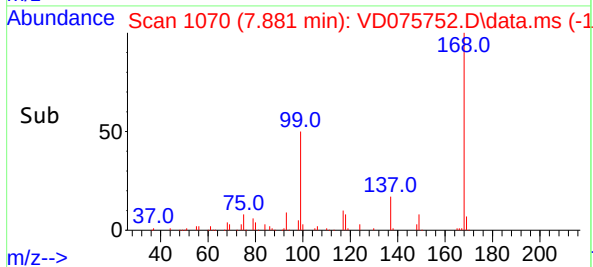
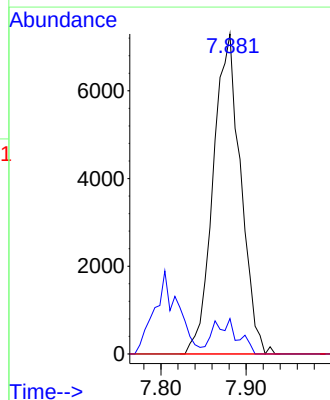
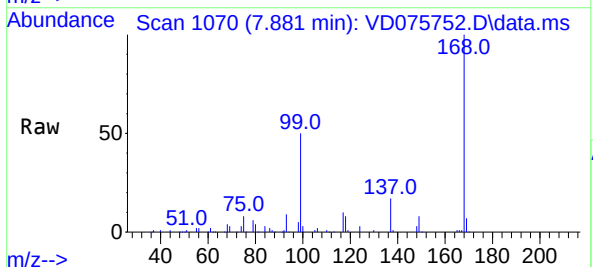
Tgt Ion: 75 Resp: 16366

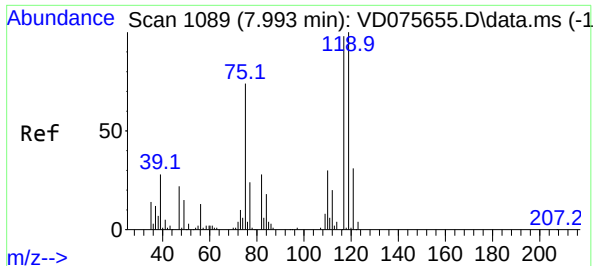
Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.2#

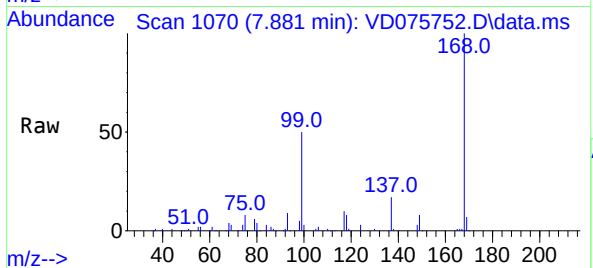
77 0.0 24.6 36.8#



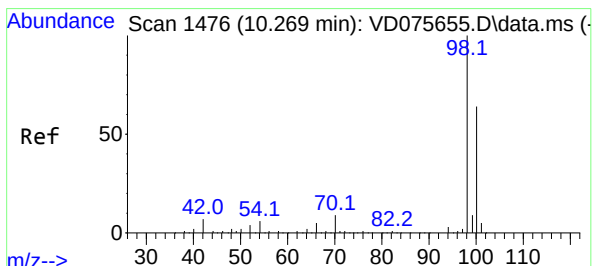
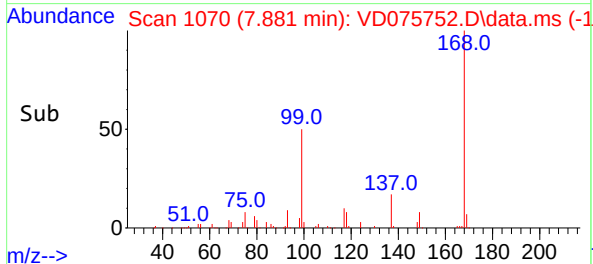
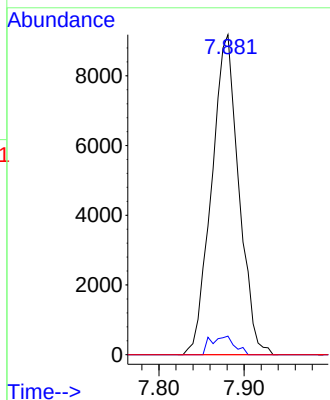


#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :

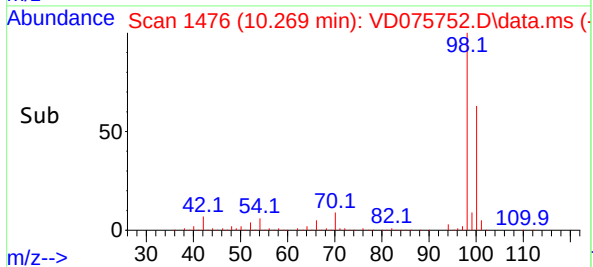
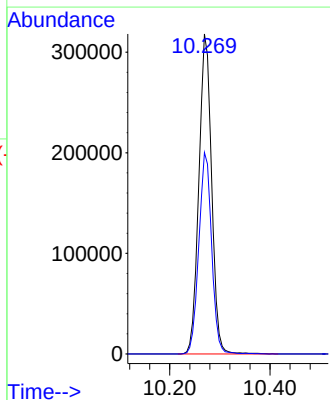
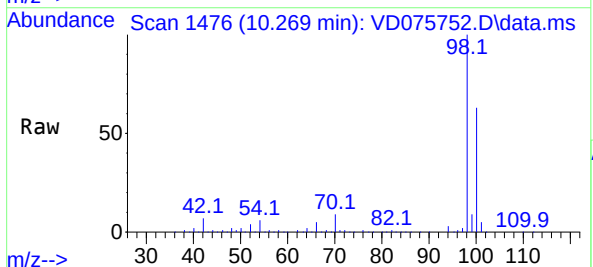


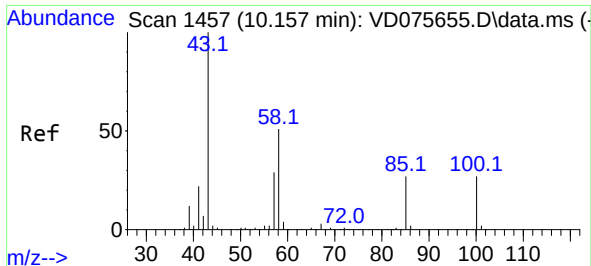
Tgt Ion:117 Resp: 20410
Ion Ratio Lower Upper
117 100
119 5.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 48.471 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Tgt Ion: 98 Resp: 561650
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.279 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD075752.D

Acq: 19 Apr 2023 16:46

Instrument :

MSVOA_D

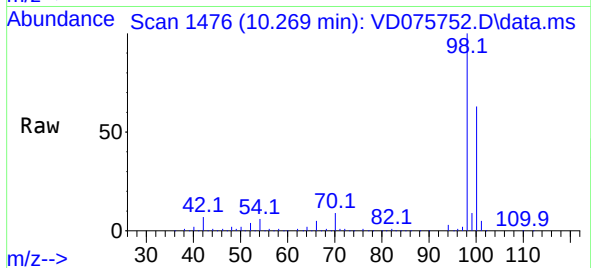
ClientSampleId :

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

58 243.5 29.5 44.3#



Abundance

2000

1500

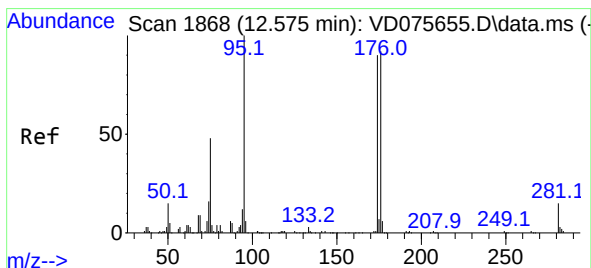
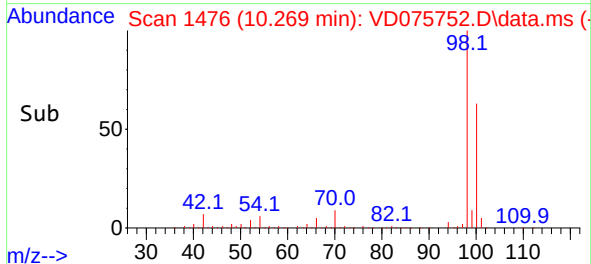
1000

500

0

10.269

Time-->



#62

4-Bromofluorobenzene

Concen: 45.228 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075752.D

Acq: 19 Apr 2023 16:46

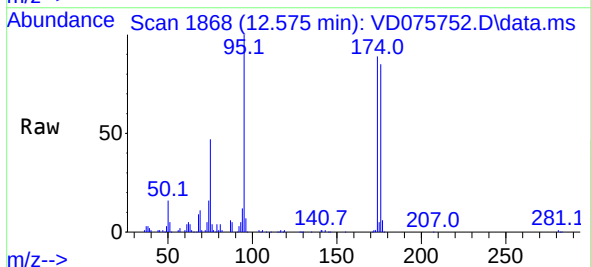
Tgt Ion: 95 Resp: 139295

Ion Ratio Lower Upper

95 100

174 90.9 0.0 164.0

176 86.7 0.0 156.8



Abundance

80000

60000

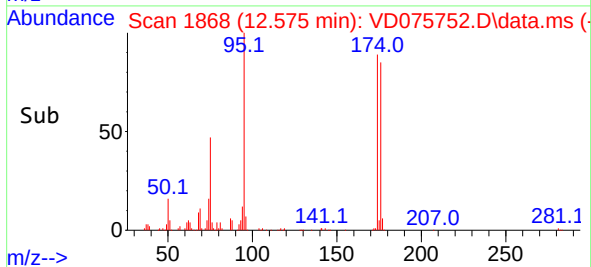
40000

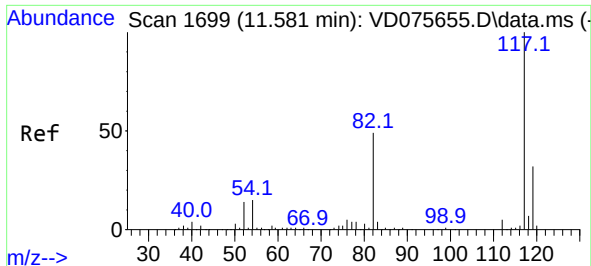
20000

0

12.575

Time-->

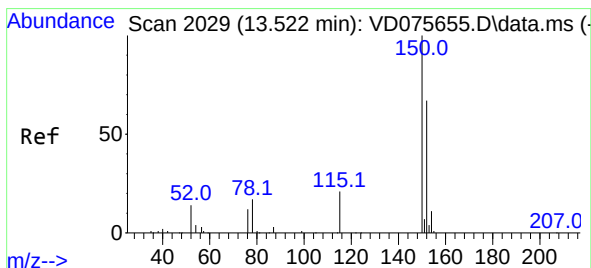
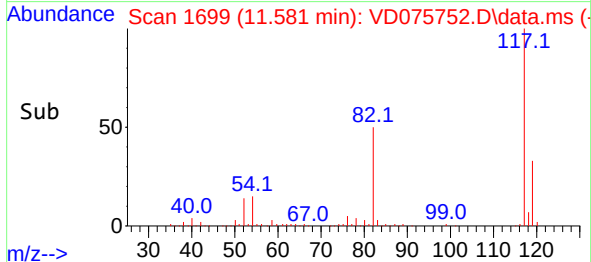
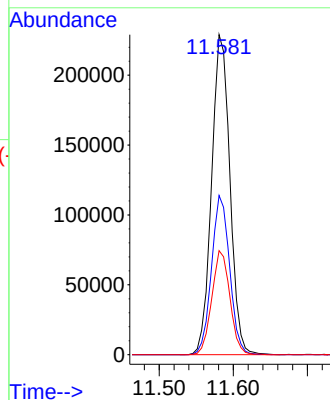
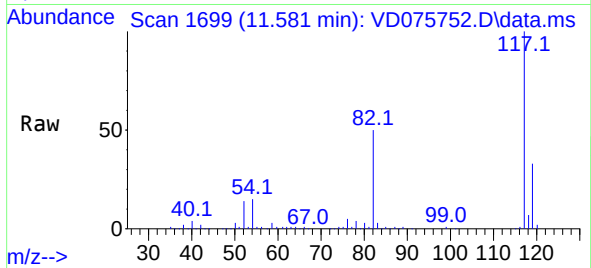




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

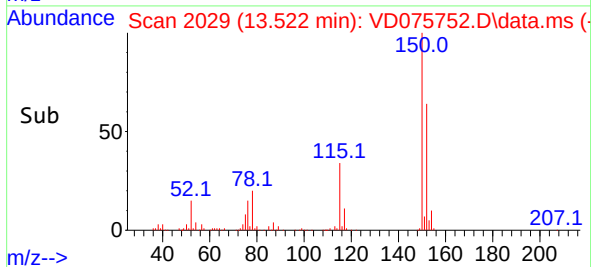
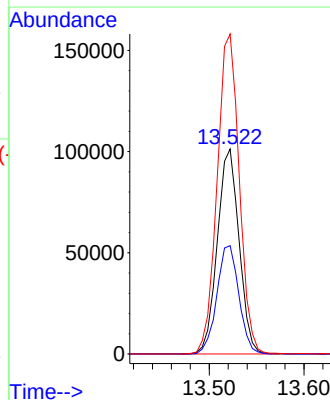
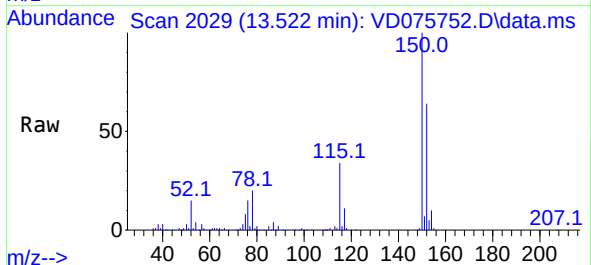
Instrument :
MSVOA_D
ClientSampleId :

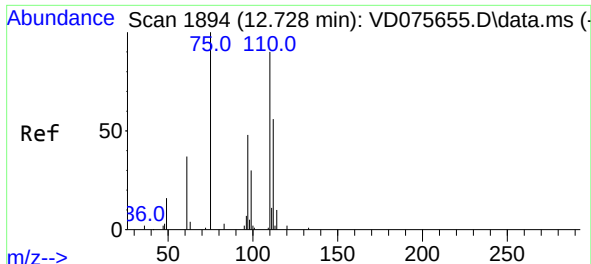
Tgt Ion:117 Resp: 392740
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Tgt Ion:152 Resp: 161589
Ion Ratio Lower Upper
152 100
115 53.5 30.1 90.3
150 158.7 0.0 364.8

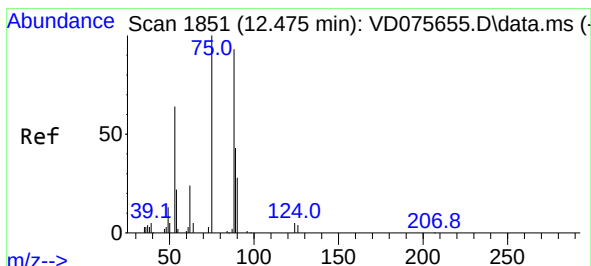
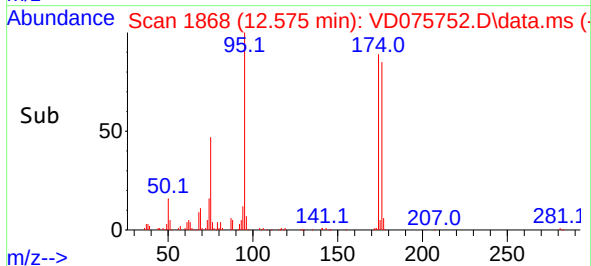
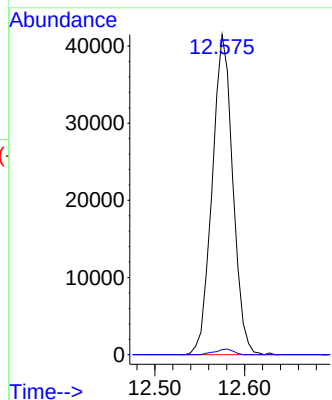
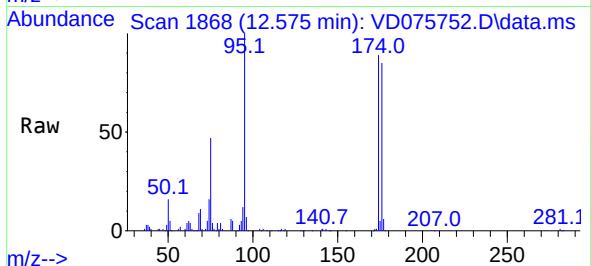




#76
1,2,3-Trichloropropane
Concen: 50.234 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 66195
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.876 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075752.D
Acq: 19 Apr 2023 16:46

Tgt Ion: 75 Resp: 66195
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

