

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075749.D
 Acq On : 19 Apr 2023 15:19
 Operator : KP/SY
 Sample : 02270-23
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:00:57 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)

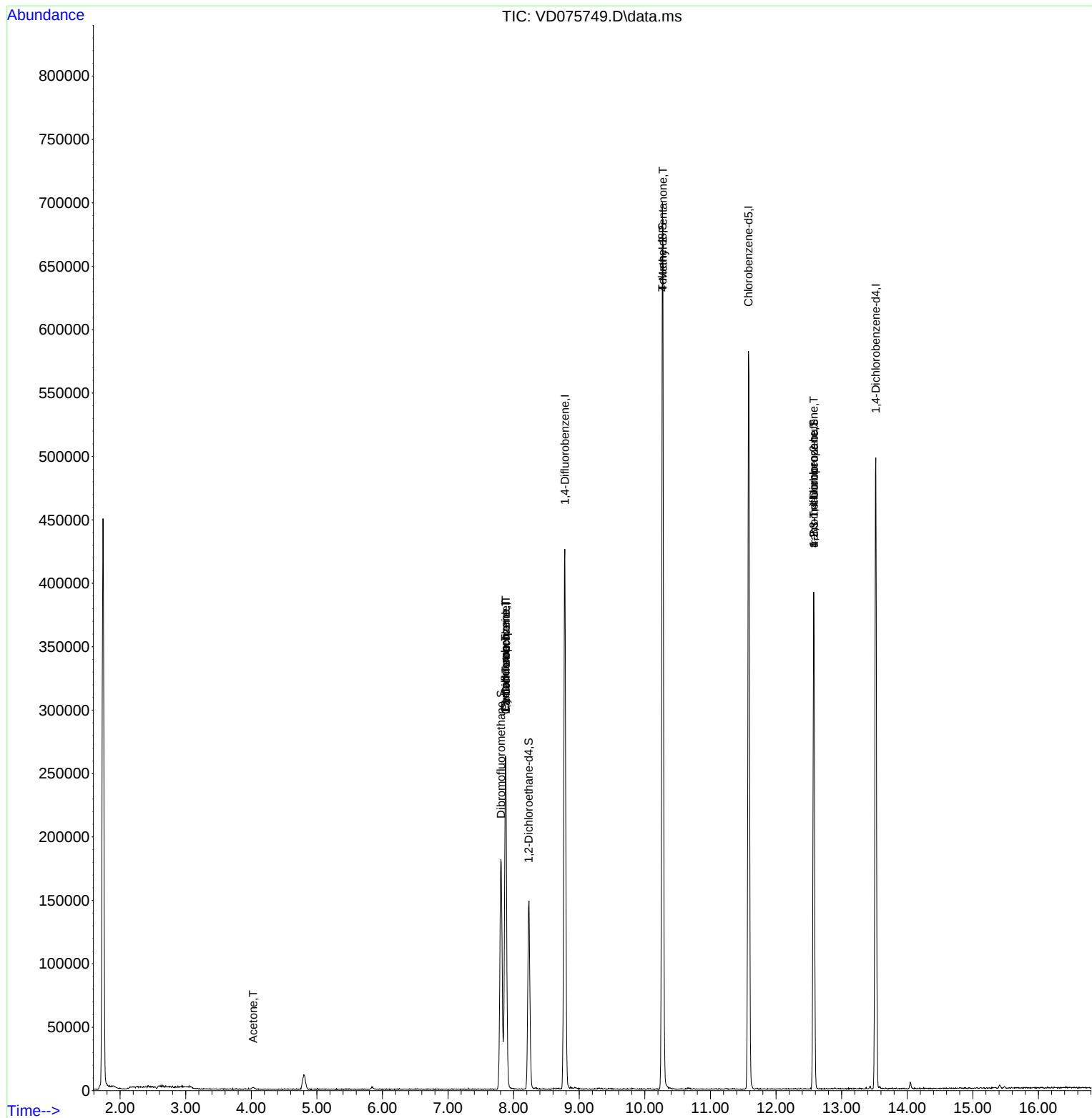
Internal Standards						
1) Pentafluorobenzene	7.875	168	214562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	412153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	375887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	144465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110801	54.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.800%	
35) Dibromofluoromethane	7.810	113	140518	50.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.380%	
50) Toluene-d8	10.269	98	517480	46.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.220%	
62) 4-Bromofluorobenzene	12.575	95	122758	41.603	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.200%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	2647	7.094	ug/l	91
20) Methylene Chloride	4.805	84	11486	Below Cal	#	61
31) Cyclohexane	7.875	56	3939	1.233	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	15383	4.022	ug/l #	50
38) Carbon Tetrachloride	7.881	117	20437	6.068	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1244	1.099	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	59631	50.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59631	109.706	ug/l #	5

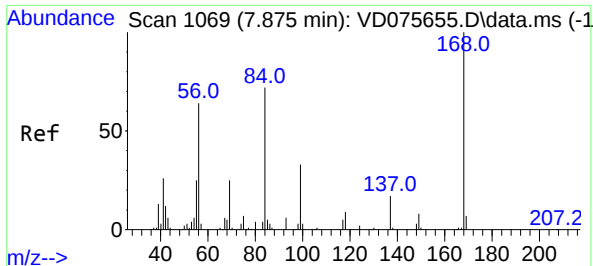
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
Data File : VD075749.D
Acq On : 19 Apr 2023 15:19
Operator : KP/SY
Sample : 02270-23
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

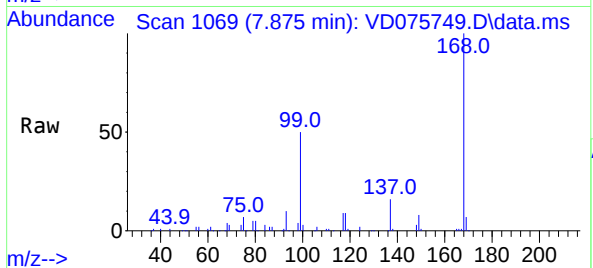
Quant Time: Apr 20 06:00:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration



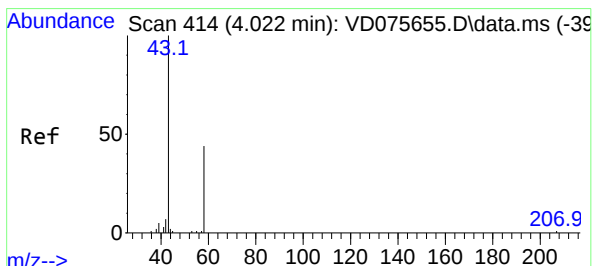
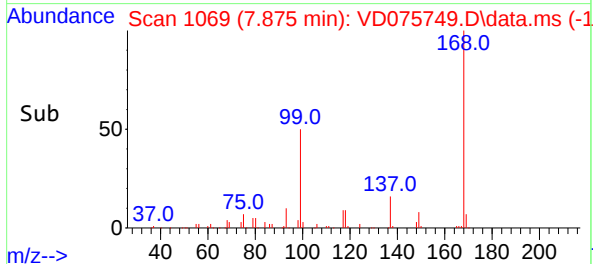
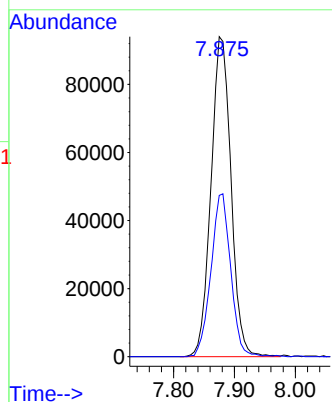


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

Instrument :
MSVOA_D
ClientSampleId :

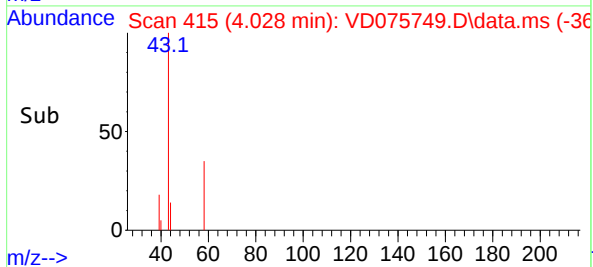
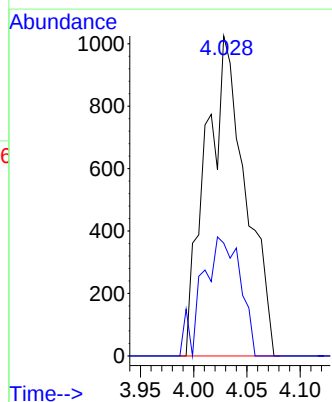
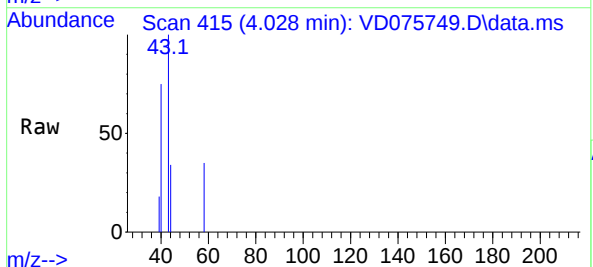


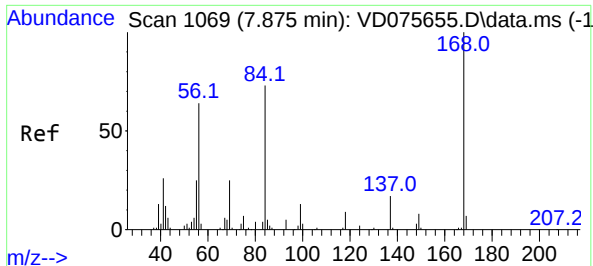
Tgt Ion:168 Resp: 214562
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#16
Acetone
Concen: 7.094 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

Tgt Ion: 43 Resp: 2647
Ion Ratio Lower Upper
43 100
58 35.2 24.4 36.6





#31

Cyclohexane

Concen: 1.233 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. 0.000 min

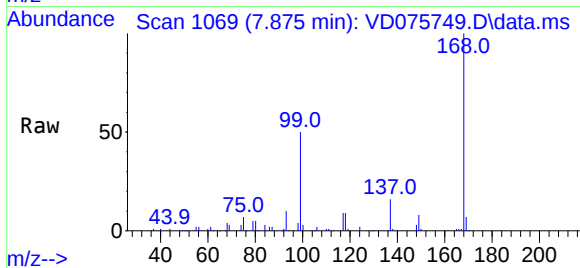
Lab File: VD075749.D

Acq: 19 Apr 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :



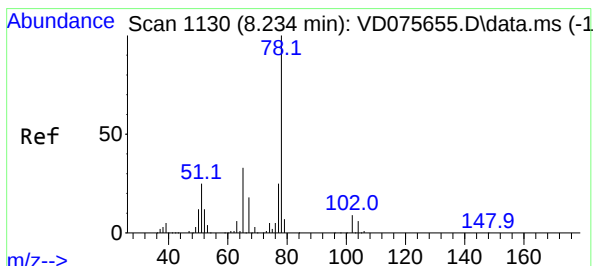
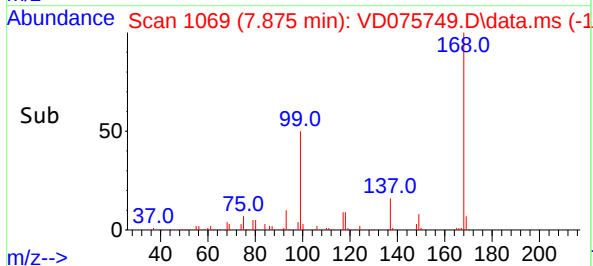
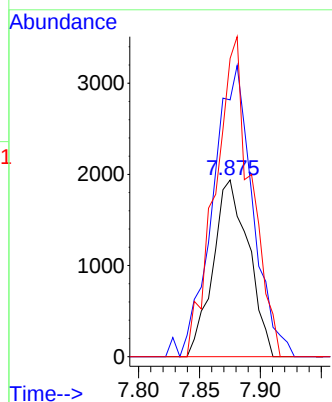
Tgt Ion: 56 Resp: 3939

Ion Ratio Lower Upper

56 100

69 145.4 25.5 38.3#

84 168.8 69.6 104.4#



#33

1,2-Dichloroethane-d4

Concen: 54.405 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075749.D

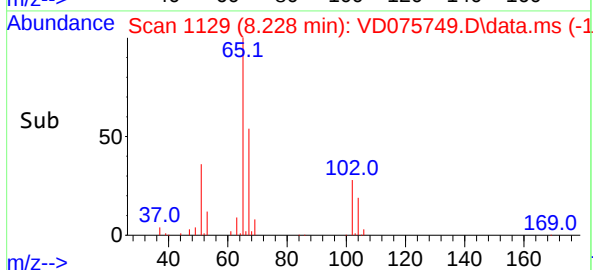
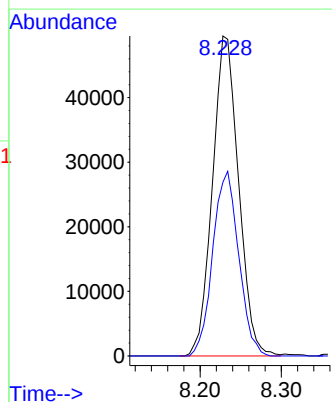
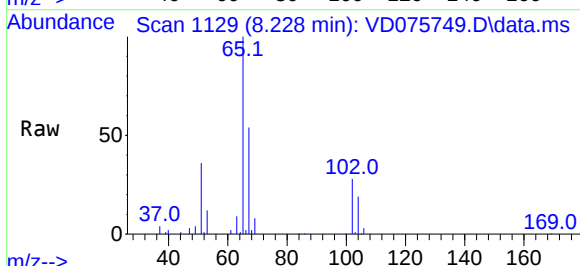
Acq: 19 Apr 2023 15:19

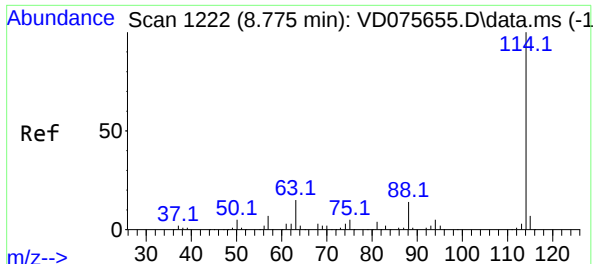
Tgt Ion: 65 Resp: 110801

Ion Ratio Lower Upper

65 100

67 57.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075749.D

Acq: 19 Apr 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

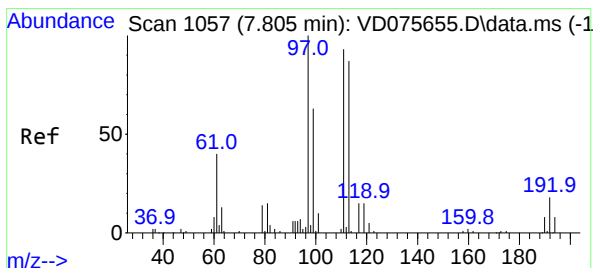
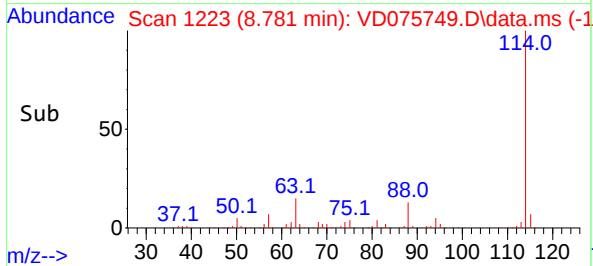
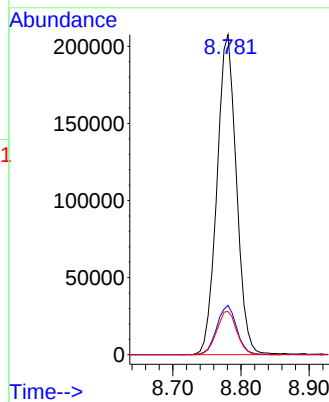
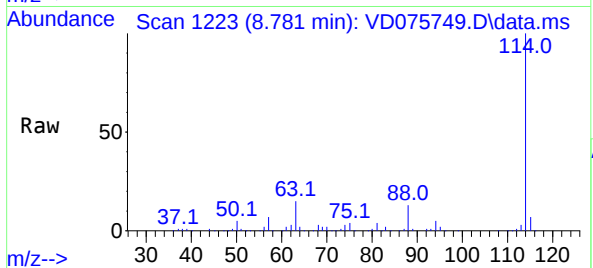
Tgt Ion:114 Resp: 412153

Ion Ratio Lower Upper

114 100

63 15.4 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.689 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075749.D

Acq: 19 Apr 2023 15:19

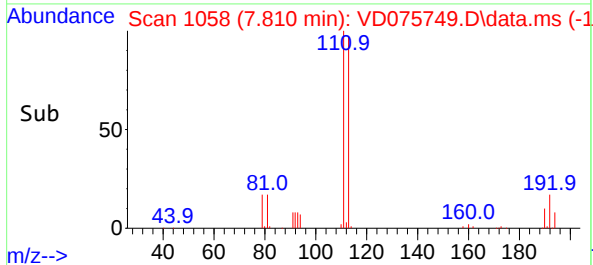
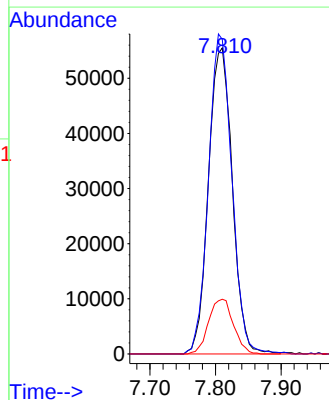
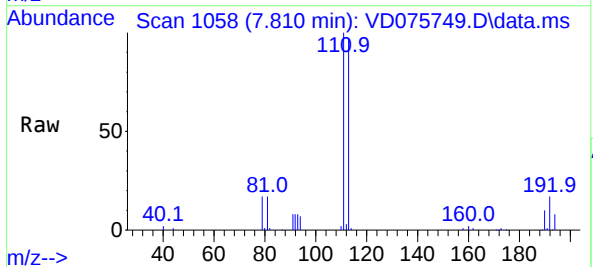
Tgt Ion:113 Resp: 140518

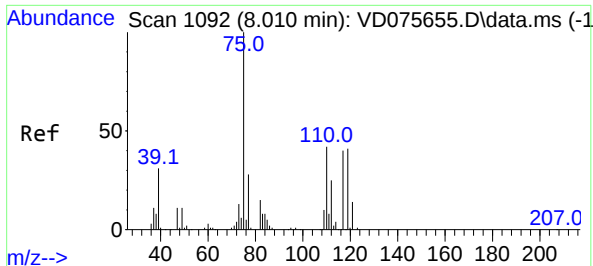
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.022 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075749.D

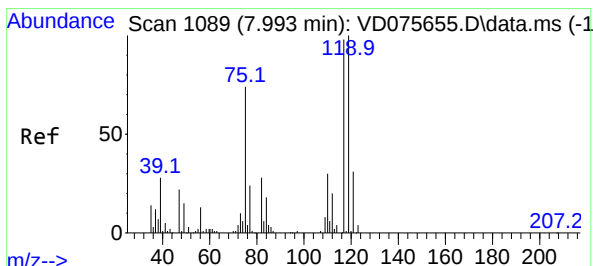
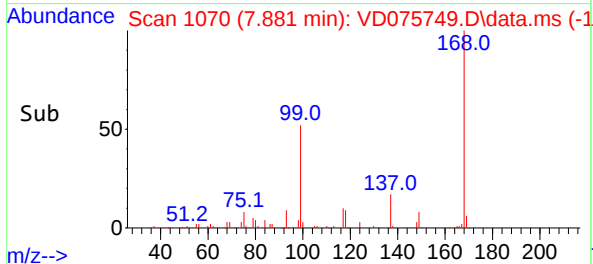
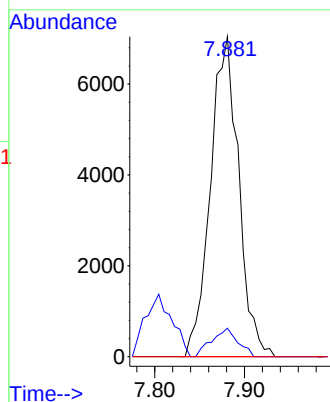
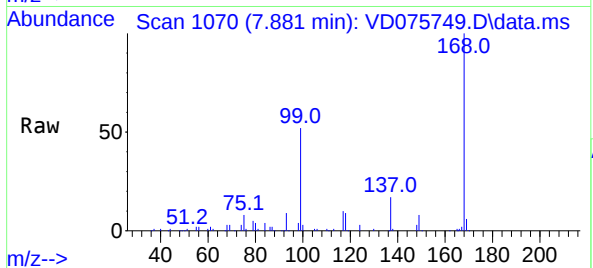
Acq: 19 Apr 2023 15:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	15383
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 6.068 ug/l

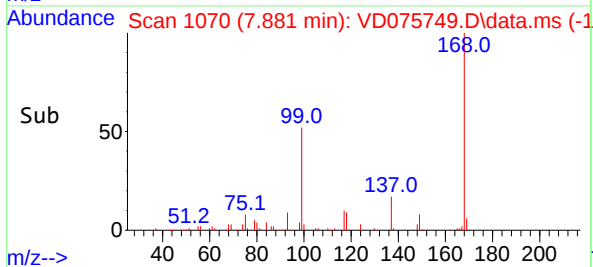
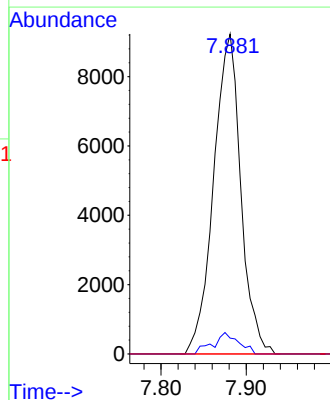
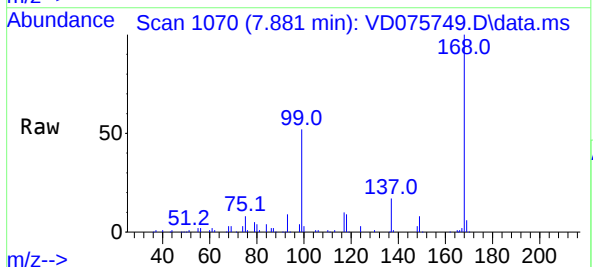
RT: 7.881 min Scan# 1070

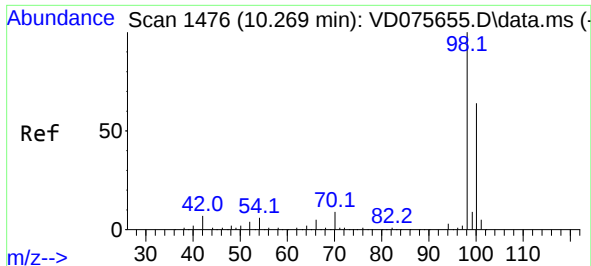
Delta R.T. -0.112 min

Lab File: VD075749.D

Acq: 19 Apr 2023 15:19

Tgt Ion:	117	Resp:	20437
Ion	Ratio	Lower	Upper
117	100		
119	5.0	74.7	112.1#
121	0.0	25.9	38.9#

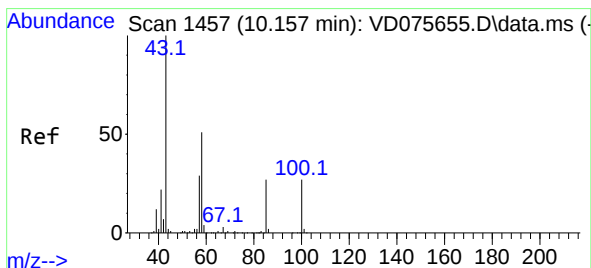
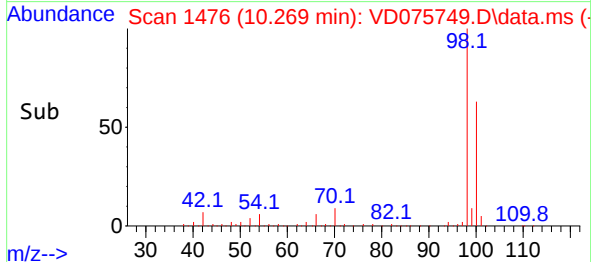
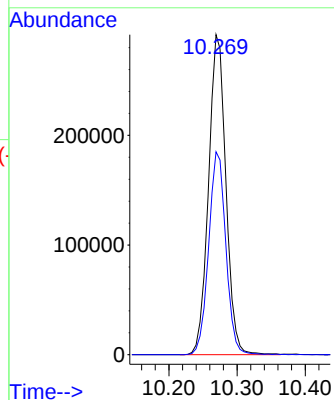
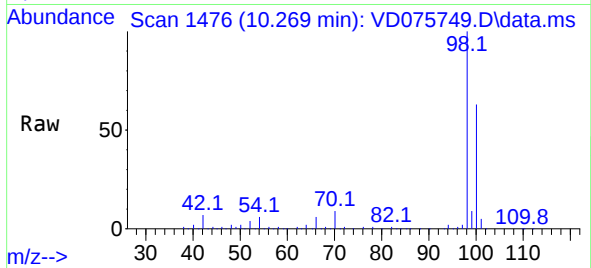




#50
Toluene-d8
Concen: 46.614 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

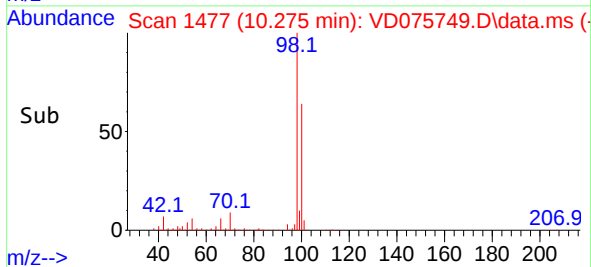
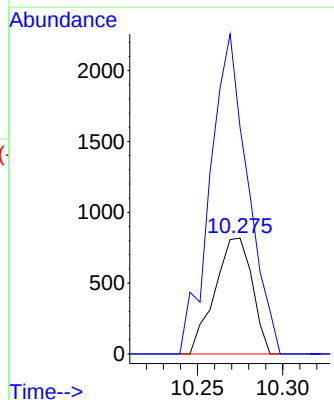
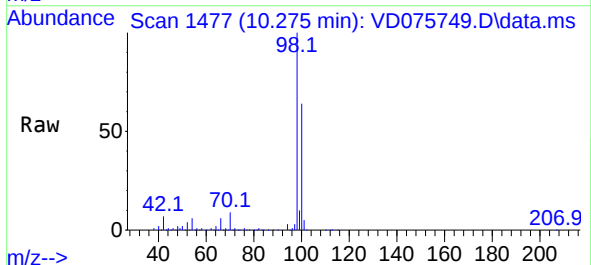
Instrument :
MSVOA_D
ClientSampleId :

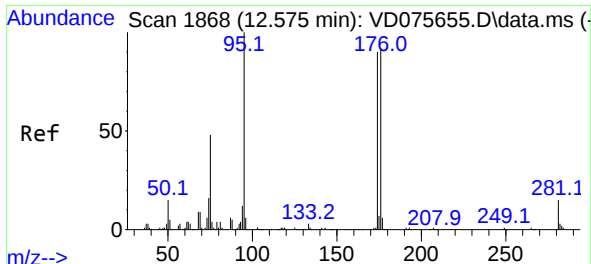
Tgt Ion: 98 Resp: 517480
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

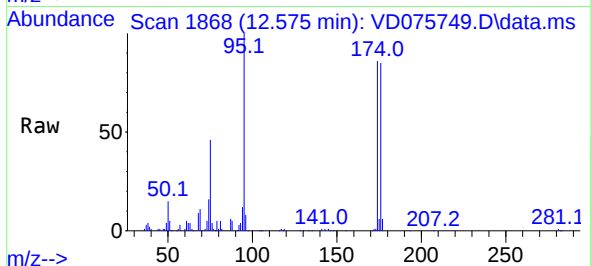
Tgt Ion: 43 Resp: 1244
Ion Ratio Lower Upper
43 100
58 278.5 29.5 44.3#



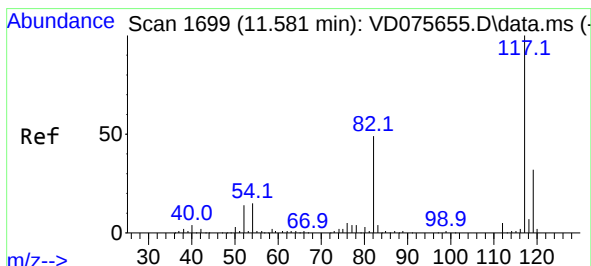
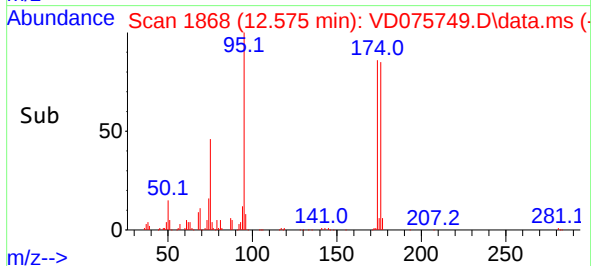
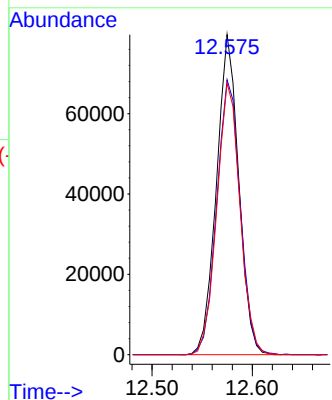


#62
4-Bromofluorobenzene
Concen: 41.603 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

Instrument :
MSVOA_D
ClientSampleId :

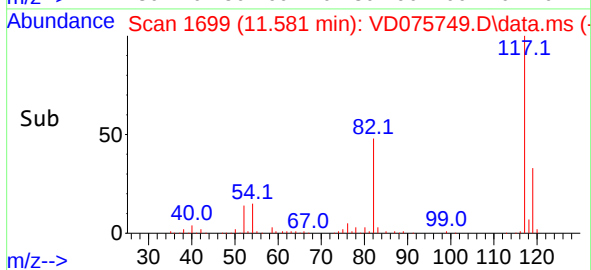
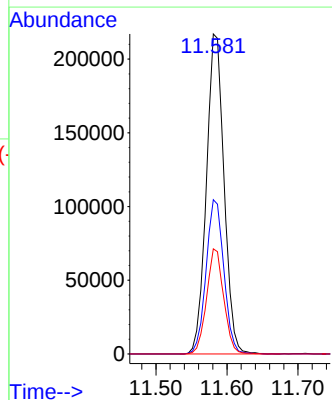
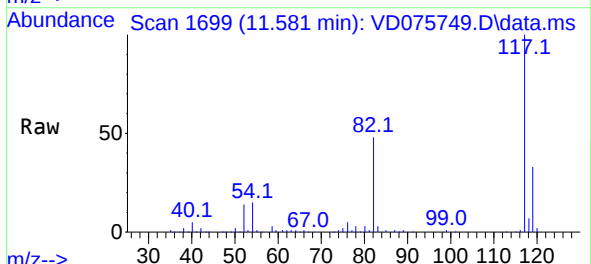


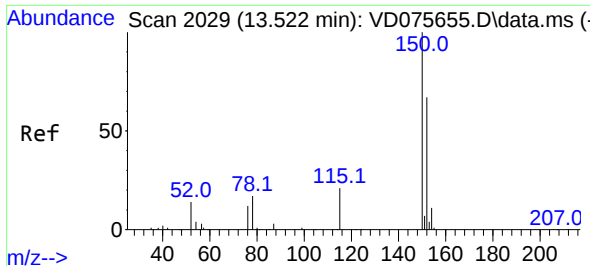
Tgt Ion: 95 Resp: 122758
Ion Ratio Lower Upper
95 100
174 90.5 0.0 164.0
176 88.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075749.D
Acq: 19 Apr 2023 15:19

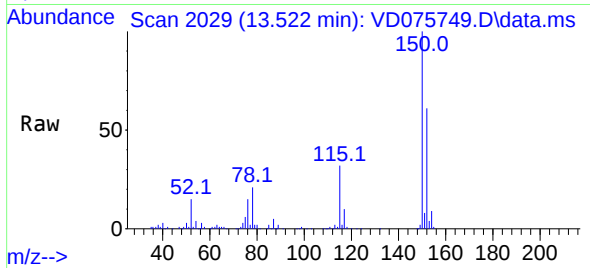
Tgt Ion: 117 Resp: 375887
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 32.8 25.1 37.7



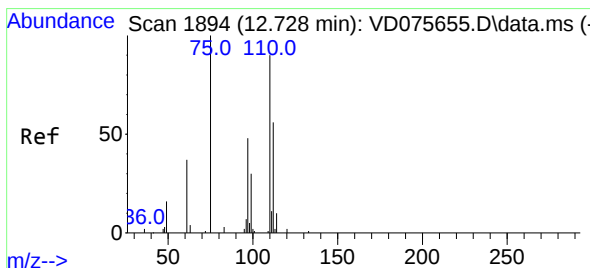
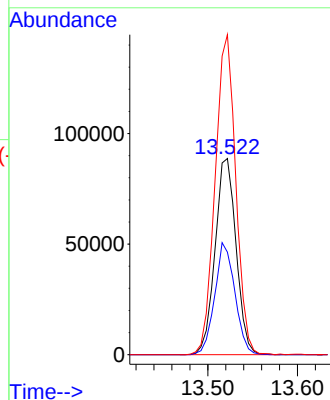
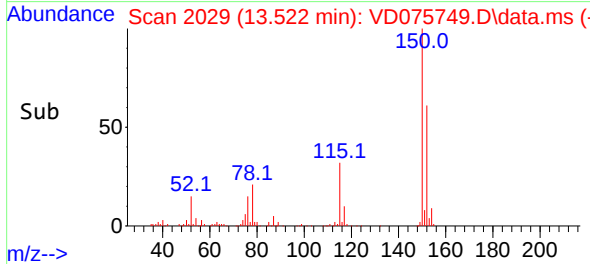


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075749.D
 Acq: 19 Apr 2023 15:19

Instrument :
 MSVOA_D
 ClientSampleId :

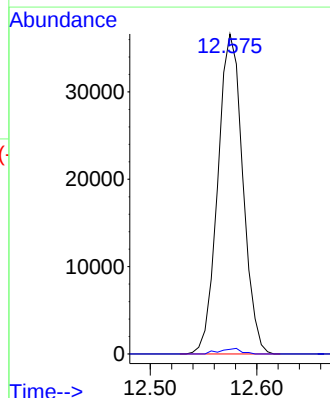
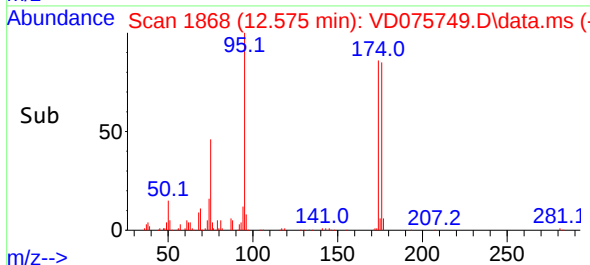
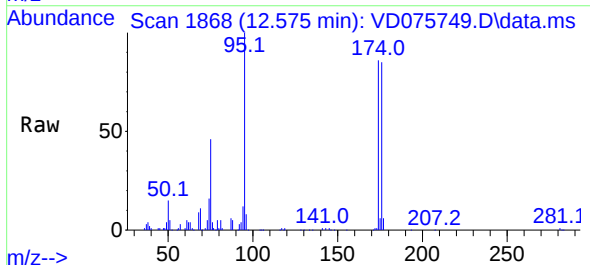


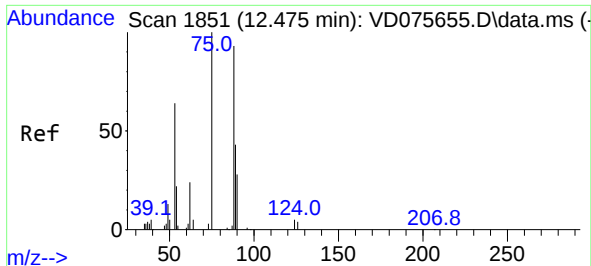
Tgt Ion:152 Resp: 144465
 Ion Ratio Lower Upper
 152 100
 115 54.7 30.1 90.3
 150 159.7 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 50.616 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075749.D
 Acq: 19 Apr 2023 15:19

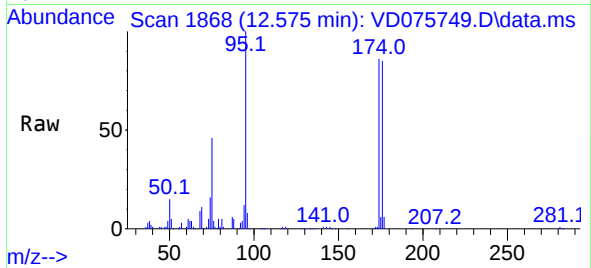
Tgt Ion: 75 Resp: 59631
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.706 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.100 min
 Lab File: VD075749.D
 Acq: 19 Apr 2023 15:19

Instrument :
 MSVOA_D
 ClientSampleId :



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

