

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075360.D
 Acq On : 17 Feb 2023 17:17
 Operator : KP/SY
 Sample : 01610-03
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-2

Quant Time: Feb 18 01:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

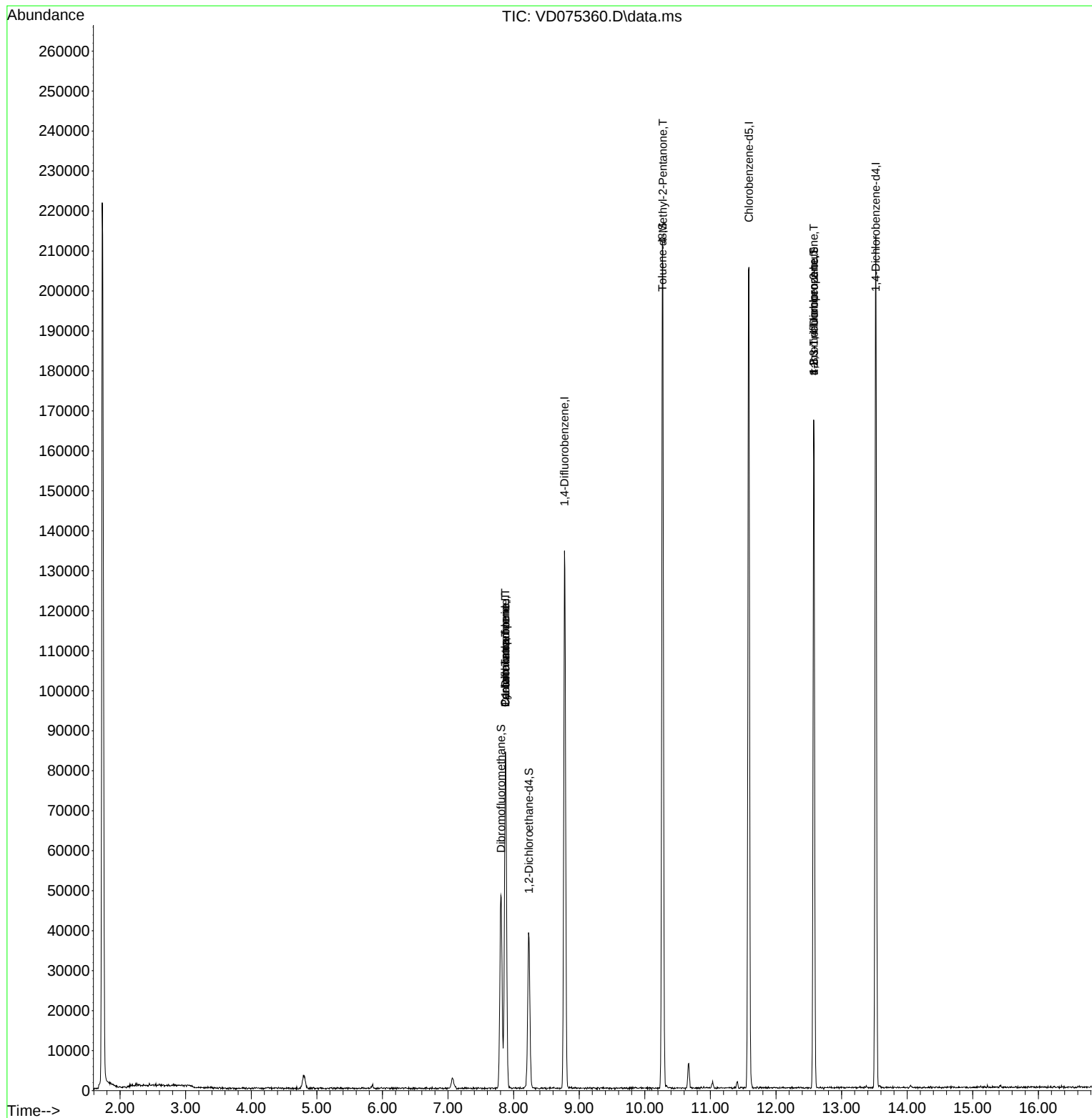
Internal Standards						
1) Pentafluorobenzene	7.875	168	63612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	112257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30929	41.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.940%
35) Dibromofluoromethane	7.811	113	34453	43.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.540%
50) Toluene-d8	10.269	98	141129	47.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.575	95	47292	48.046	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	113	Below Cal	#	41
20) Methylene Chloride	4.793	84	2665	Below Cal		97
31) Cyclohexane	7.875	56	1535	1.159	ug/l #	38
36) 1,1-Dichloropropene	7.875	75	5225	4.261	ug/l #	45
38) Carbon Tetrachloride	7.875	117	6445	5.672	ug/l #	14
51) 4-Methyl-2-Pentanone	10.275	43	839	1.624	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	27094	43.959	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	27094	138.807	ug/l #	14

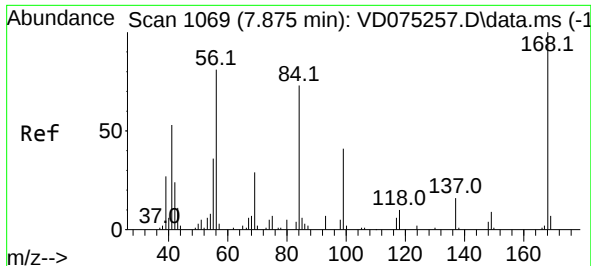
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
Data File : VD075360.D
Acq On : 17 Feb 2023 17:17
Operator : KP/SY
Sample : 01610-03
Misc : 5.53G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CF-2

Quant Time: Feb 18 01:07:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

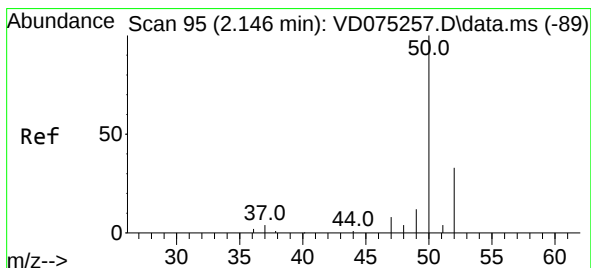
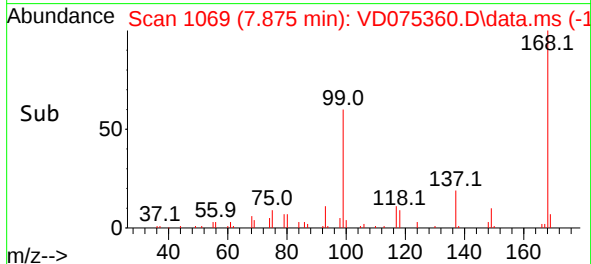
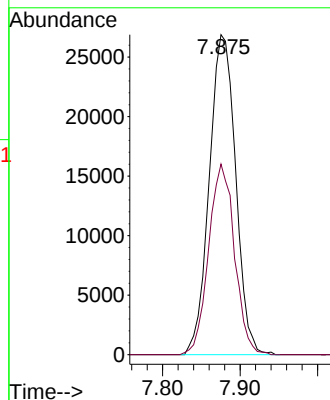
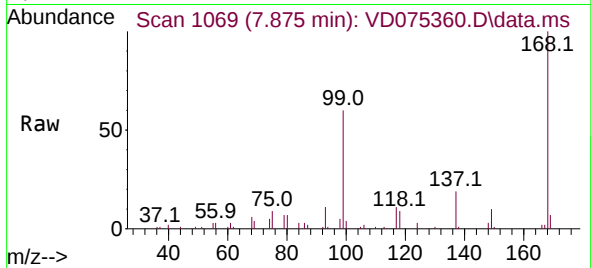




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

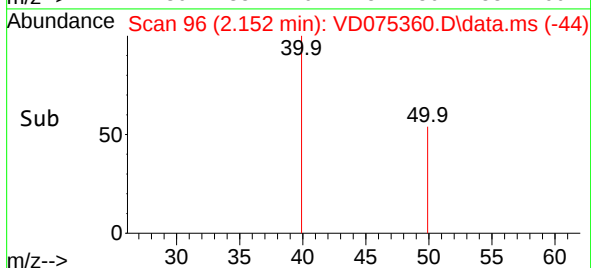
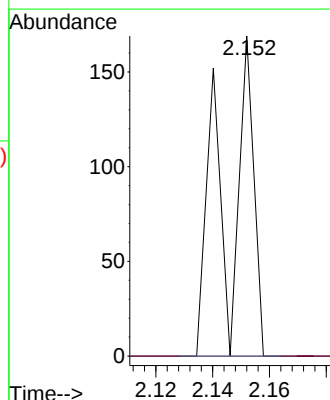
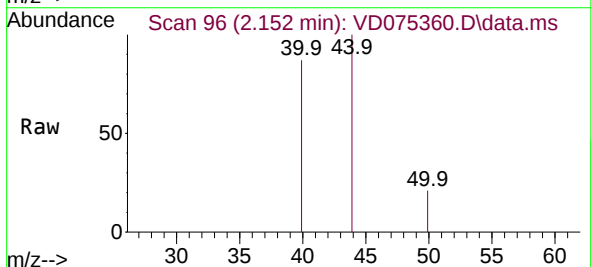
Instrument :
MSVOA_D
ClientSampleId :
CF-2

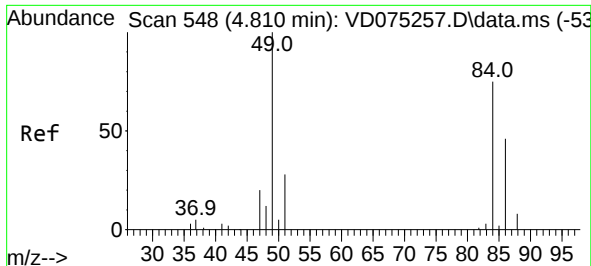
Tgt Ion:168 Resp: 63612
Ion Ratio Lower Upper
168 100
99 59.5 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 50 Resp: 113
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

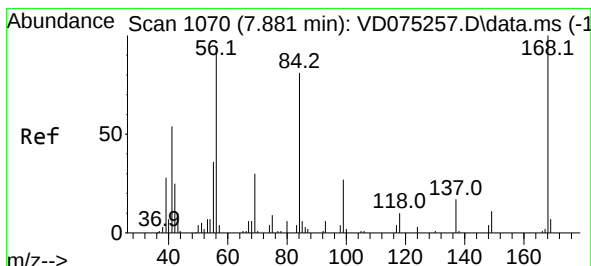
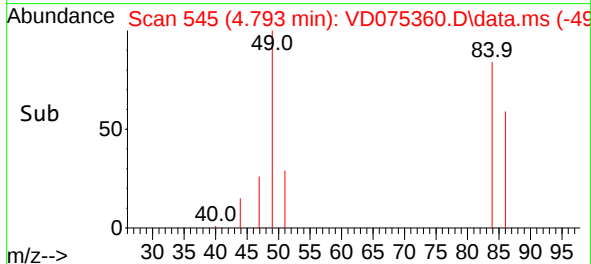
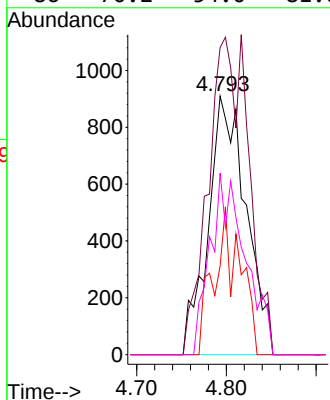
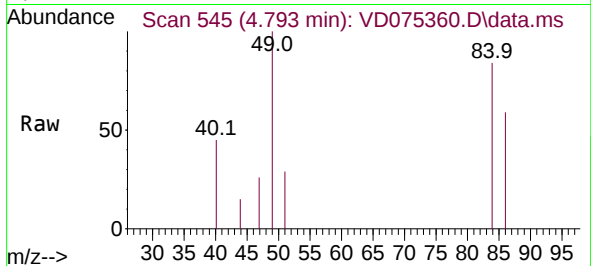




#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.017 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

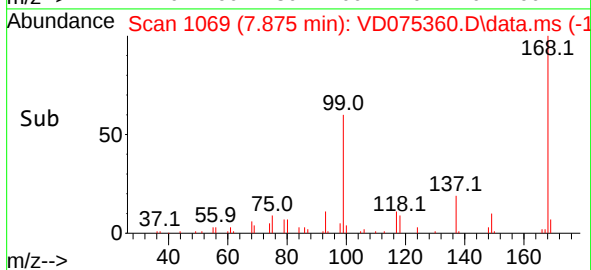
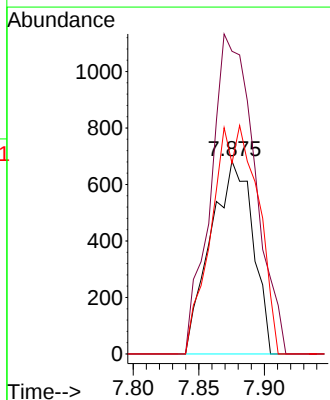
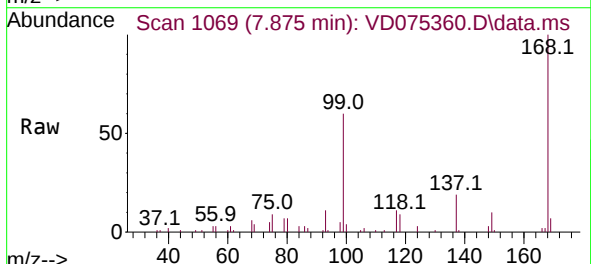
Instrument :
MSVOA_D
ClientSampleId :
CF-2

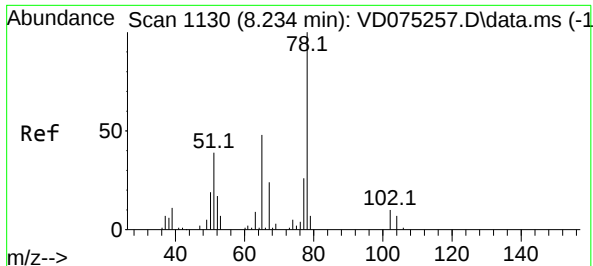
Tgt Ion: 84	Resp: 2665
Ion Ratio	Lower Upper
84 100	
49 118.8	97.0 145.6
51 34.3	30.9 46.3
86 70.2	54.0 81.0



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 56	Resp: 1535		
Ion Ratio	Lower	Upper	
56	100		
69	157.0	26.6	40.0#
84	98.8	74.1	111.1





#33

1,2-Dichloroethane-d4

Concen: 41.465 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075360.D

Acq: 17 Feb 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

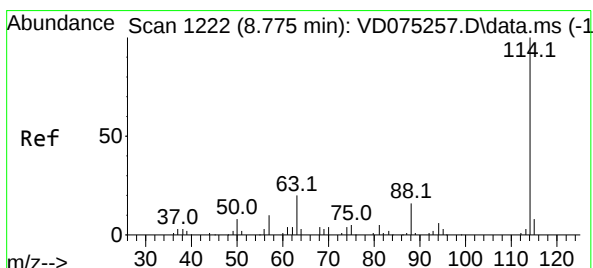
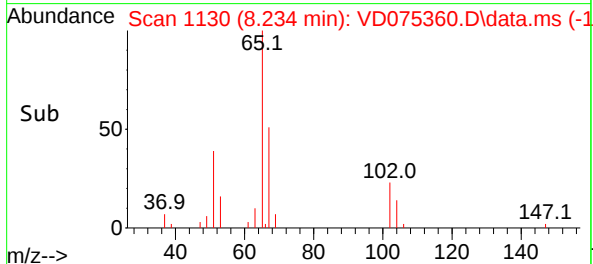
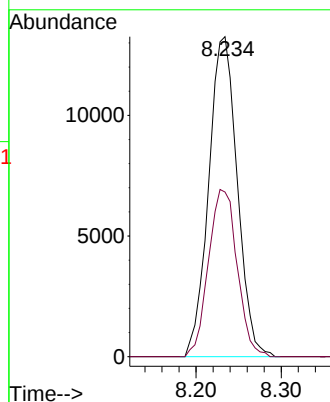
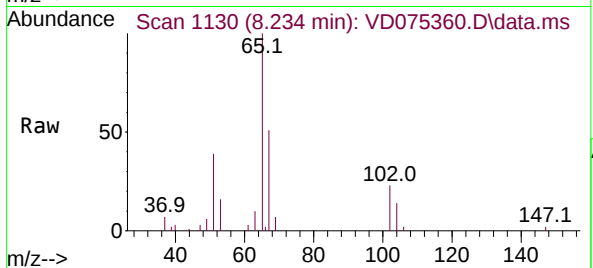
CF-2

Tgt Ion: 65 Resp: 30929

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075360.D

Acq: 17 Feb 2023 17:17

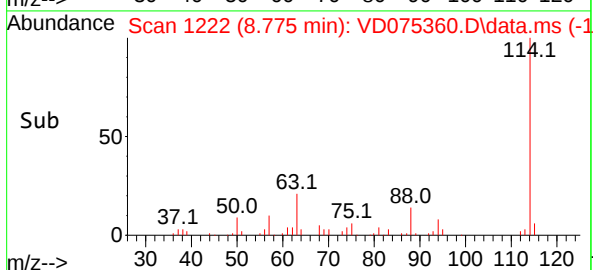
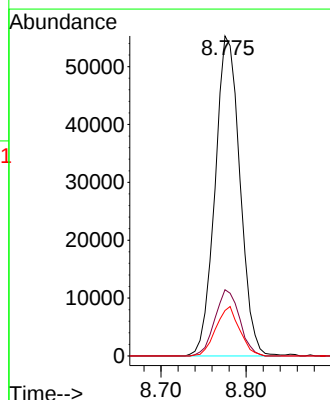
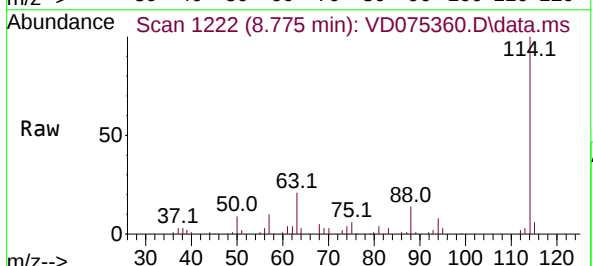
Tgt Ion: 114 Resp: 112257

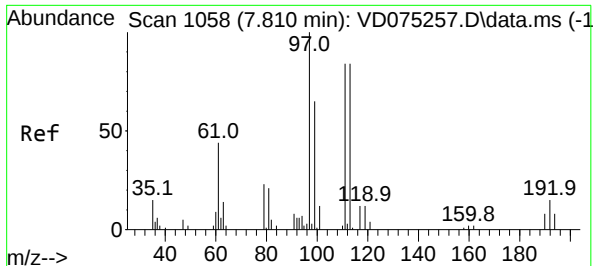
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 14.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 43.770 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VD075360.D

Acq: 17 Feb 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

CF-2

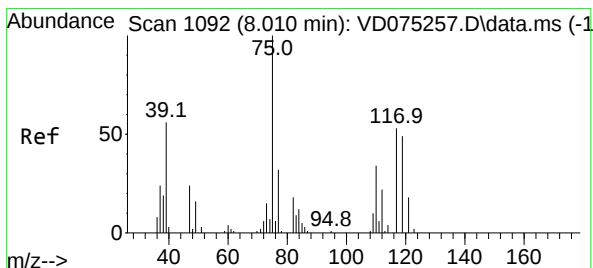
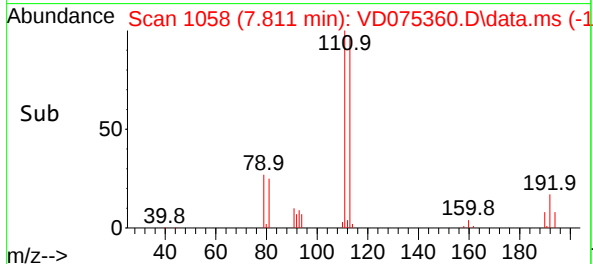
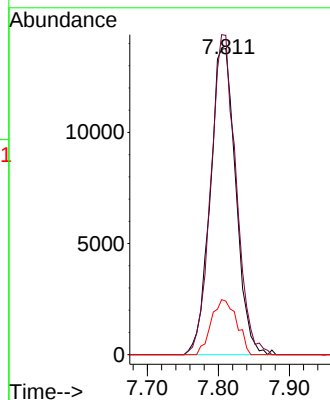
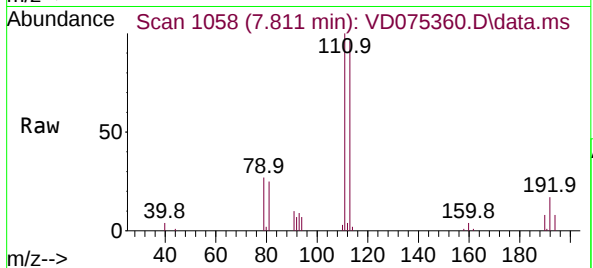
Tgt Ion:113 Resp: 34453

Ion Ratio Lower Upper

113 100

111 102.5 80.1 120.1

192 17.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.261 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075360.D

Acq: 17 Feb 2023 17:17

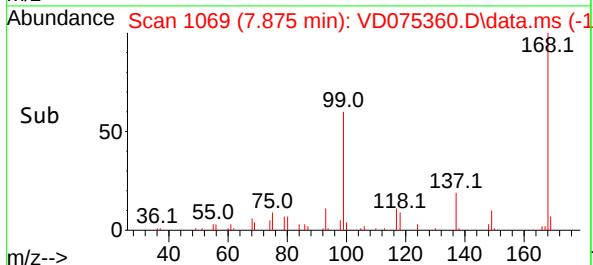
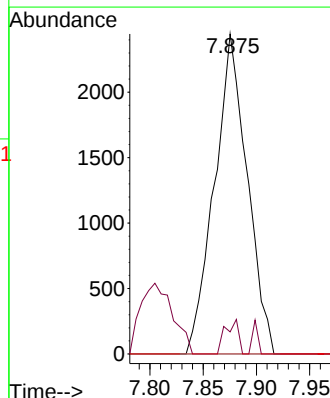
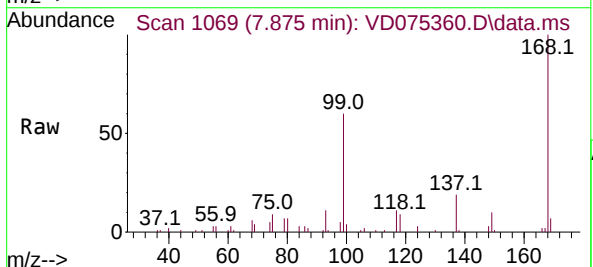
Tgt Ion: 75 Resp: 5225

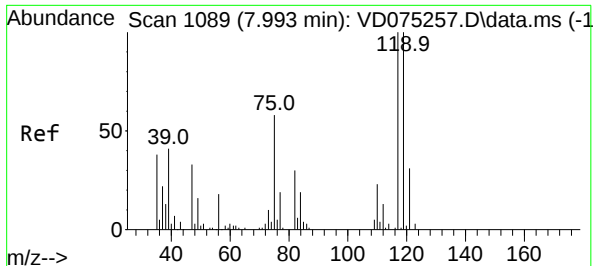
Ion Ratio Lower Upper

75 100

110 4.3 18.1 54.4#

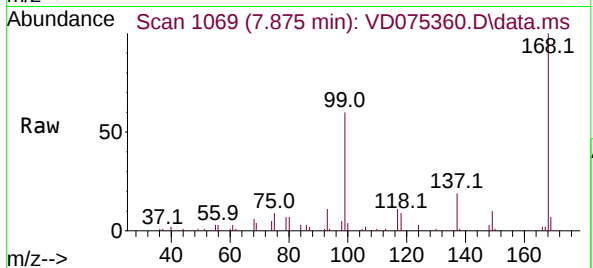
77 0.0 25.1 37.7#



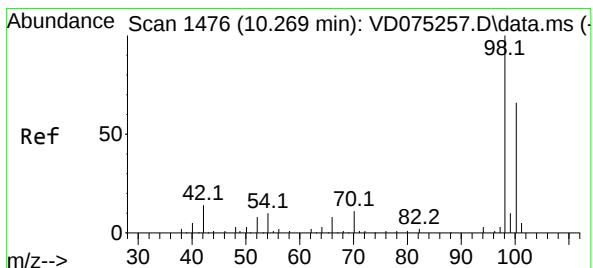
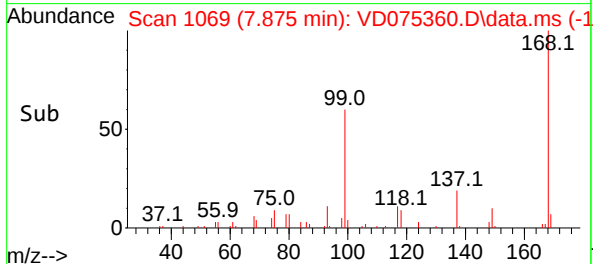
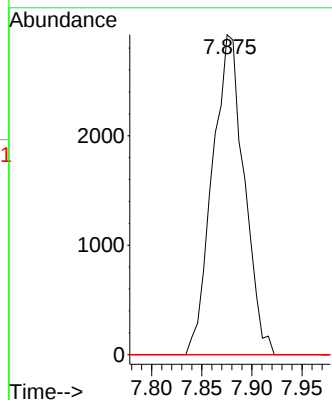


#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
CF-2

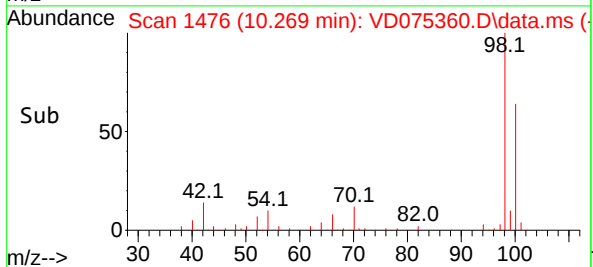
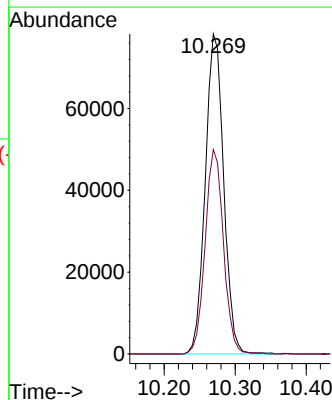
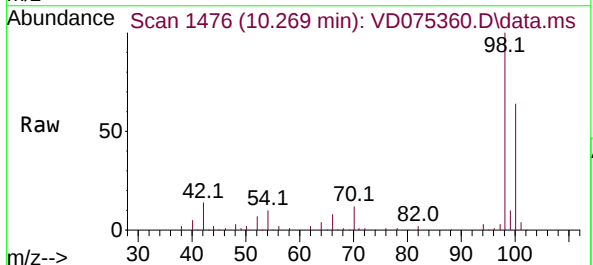


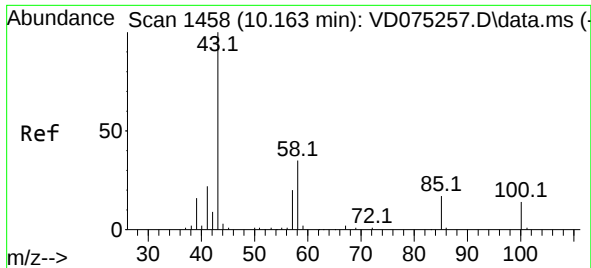
Tgt Ion:117 Resp: 6445
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 47.277 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 98 Resp: 141129
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1

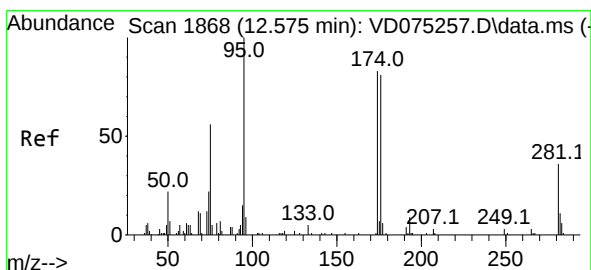
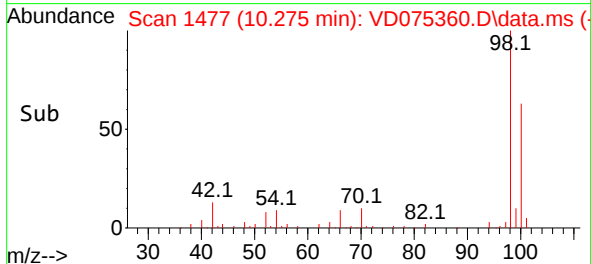
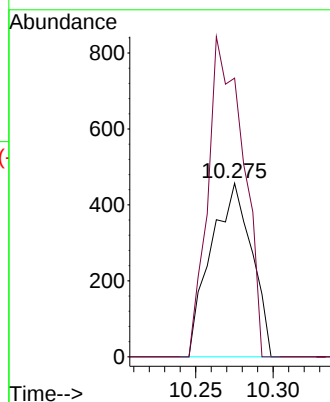
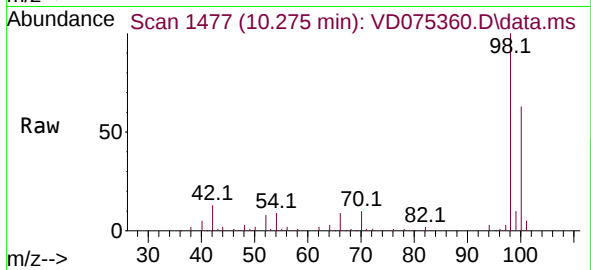




#51
4-Methyl-2-Pentanone
Concen: 1.624 ug/l
RT: 10.275 min Scan# 1458
Delta R.T. 0.112 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

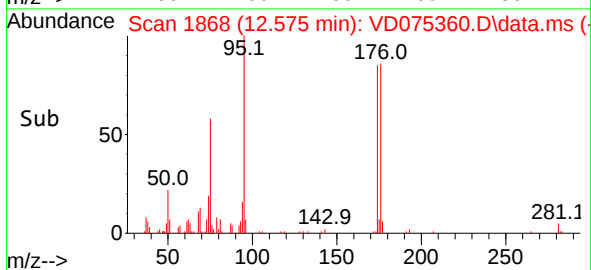
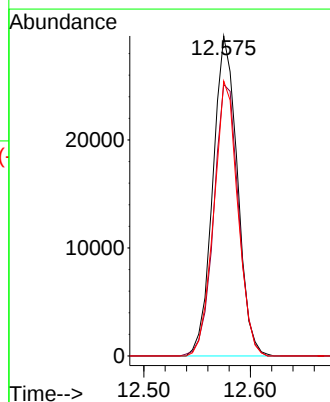
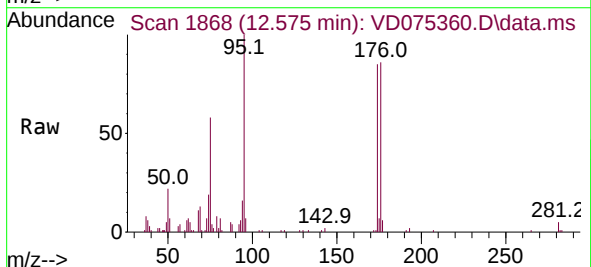
Instrument :
MSVOA_D
ClientSampleId :
CF-2

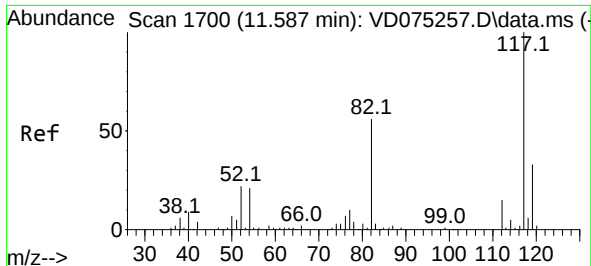
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 158.5 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 95 Resp: 47292
Ion Ratio Lower Upper
95 100
174 85.4 0.0 161.2
176 83.8 0.0 160.2

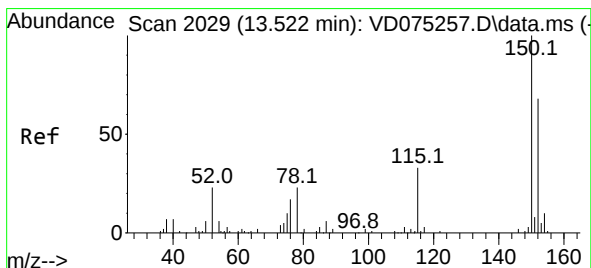
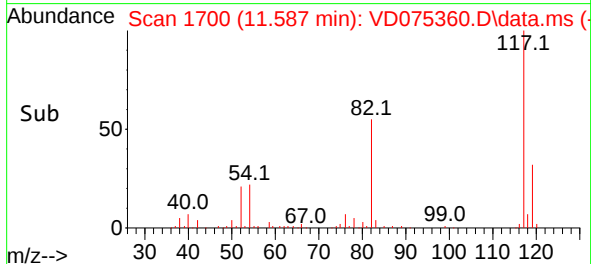
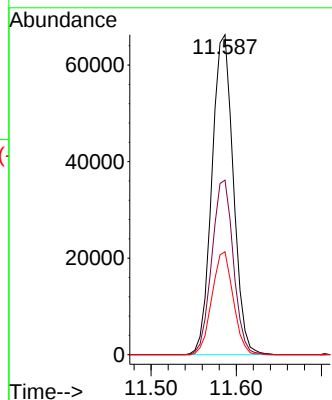
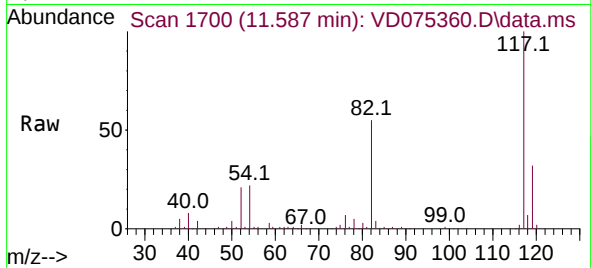




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

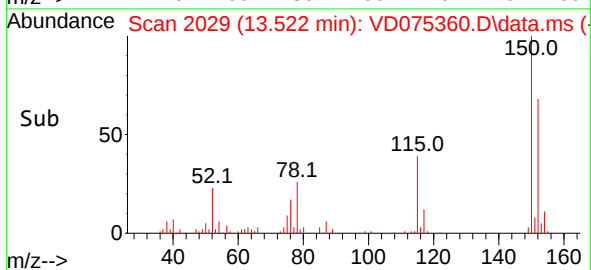
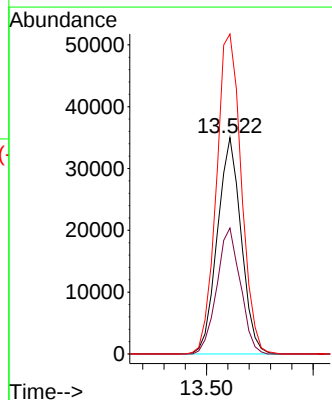
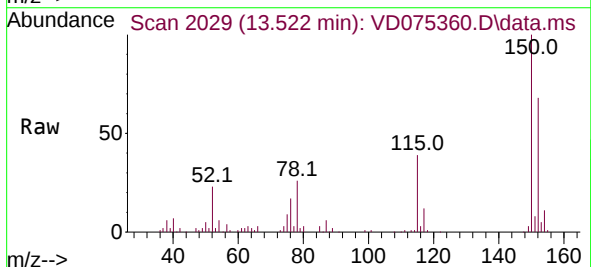
Instrument :
MSVOA_D
ClientSampleId :
CF-2

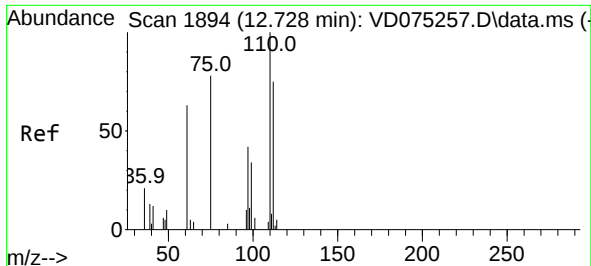
Tgt Ion:117 Resp: 115788
Ion Ratio Lower Upper
117 100
82 54.5 39.6 59.4
119 32.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion:152 Resp: 54263
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.4
150 154.6 0.0 348.6

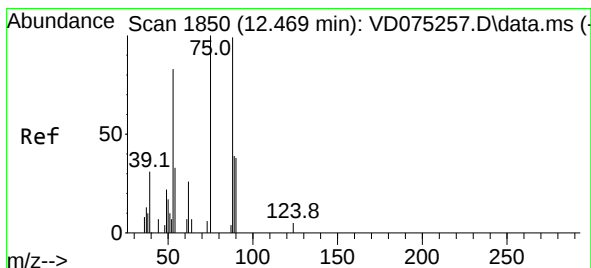
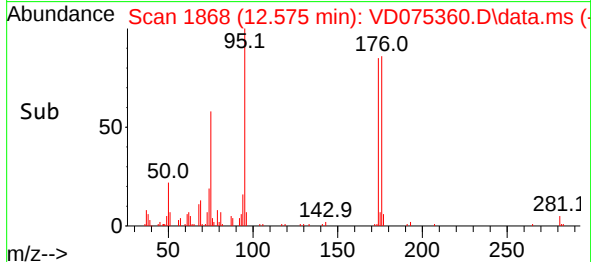
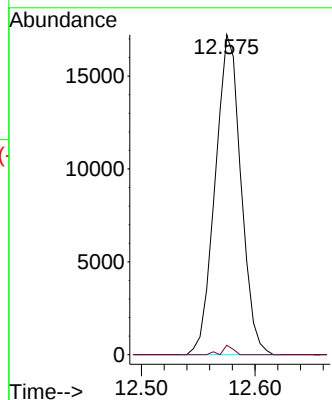
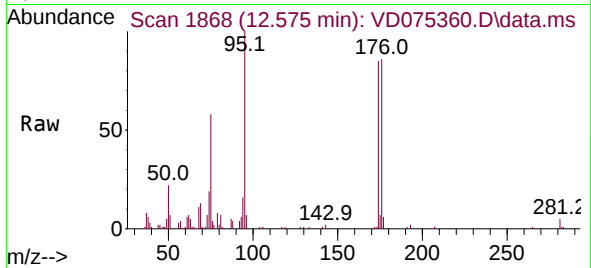




#76
1,2,3-Trichloropropane
Concen: 43.959 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
CF-2

Tgt Ion: 75 Resp: 27094
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.807 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 75 Resp: 27094
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

