

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077323.D
 Acq On : 12 Oct 2023 18:05
 Operator : JC/SY
 Sample : 04825-01RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 13 02:33:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

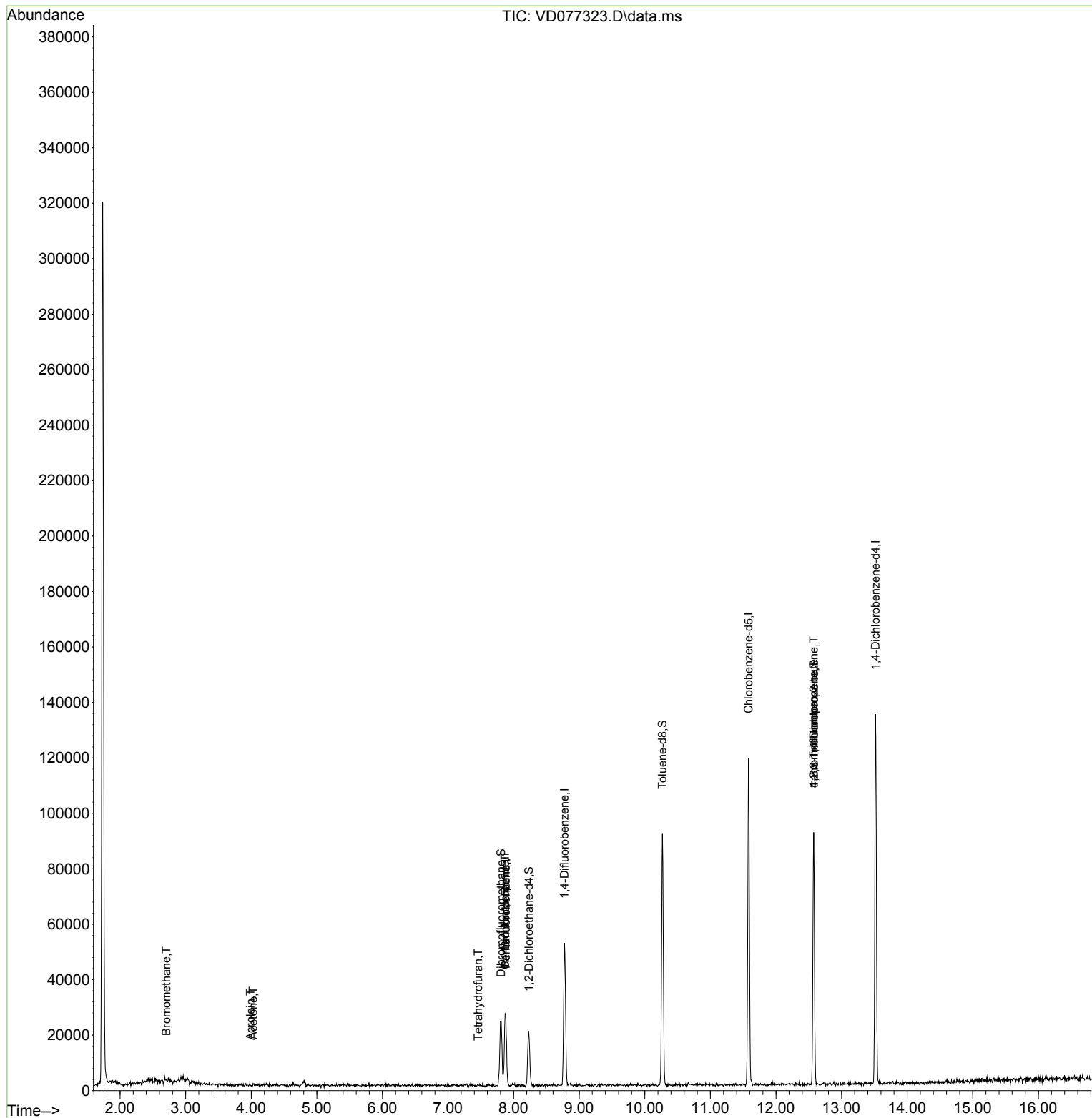
Internal Standards						
1) Pentafluorobenzene	7.881	168	19652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	69361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15400	99.676	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 199.360%#		
35) Dibromofluoromethane	7.811	113	17770	70.567	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 141.140%		
50) Toluene-d8	10.269	98	65324	77.362	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 154.720%#		
62) 4-Bromofluorobenzene	12.575	95	28968	102.143	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 204.280%#		
Target Compounds						
					Qvalue	
5) Bromomethane	2.705	94	291	1.283	ug/l #	18
13) Acrolein	3.987	56	115	7.683	ug/l #	15
16) Acetone	4.028	43	217	4.495	ug/l #	32
20) Methylene Chloride	4.805	84	1061	Below Cal		86
29) Tetrahydrofuran	7.458	42	62	1.581	ug/l #	23
36) 1,1-Dichloropropene	7.869	75	1832	3.893	ug/l #	39
38) Carbon Tetrachloride	7.869	117	2270	5.358	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	13512	35.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	13512	80.415	ug/l #	17

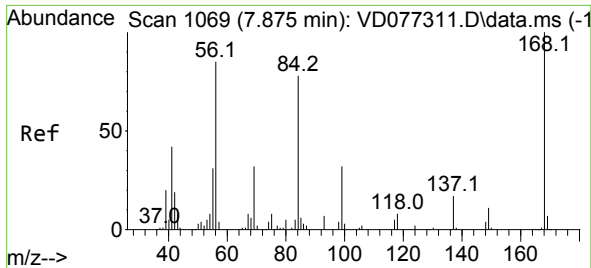
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
Data File : VD077323.D
Acq On : 12 Oct 2023 18:05
Operator : JC/SY
Sample : 04825-01RE
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 13 02:33:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 12 14:39:07 2023
Response via : Initial Calibration

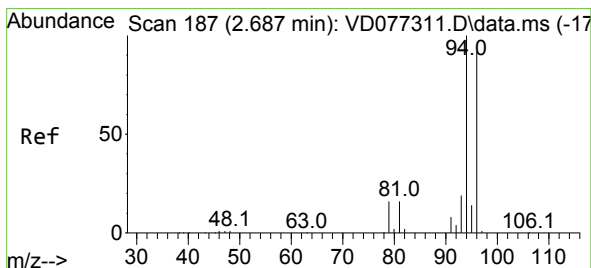
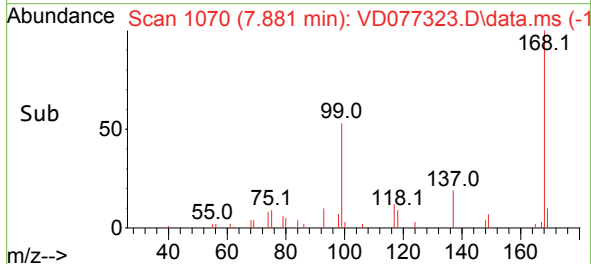
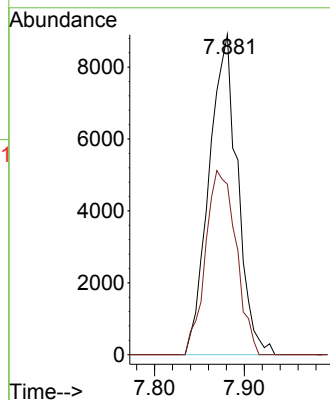
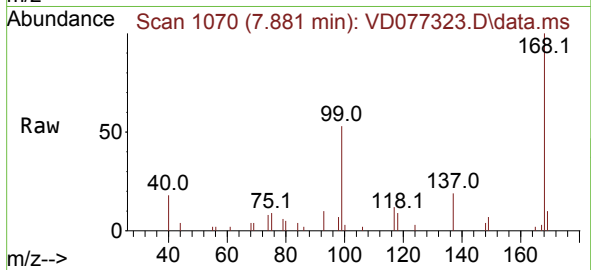




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

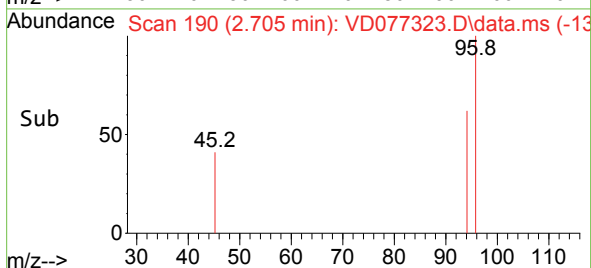
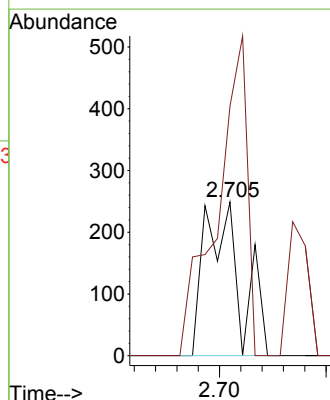
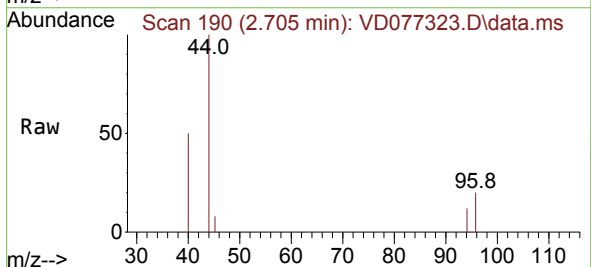
Instrument :
MSVOA_D
ClientSampleId :

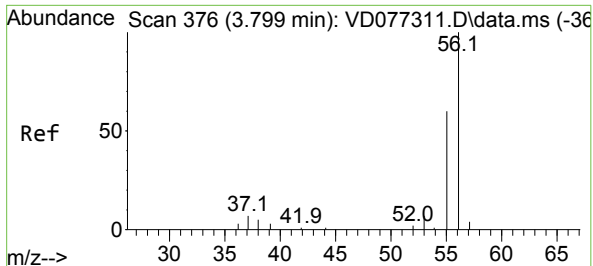
Tgt Ion:168 Resp: 19652
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#5
Bromomethane
Concen: 1.283 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 174.2 75.8 113.8#





#13

Acrolein

Concen: 7.683 ug/l

RT: 3.987 min Scan# 408

Delta R.T. 0.188 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

Instrument :

MSVOA_D

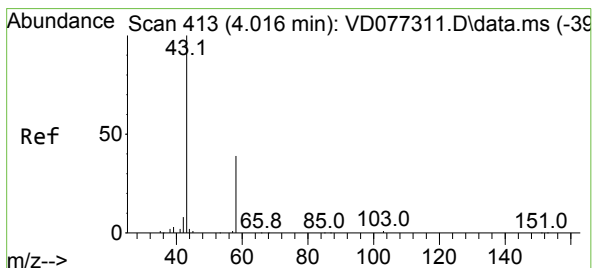
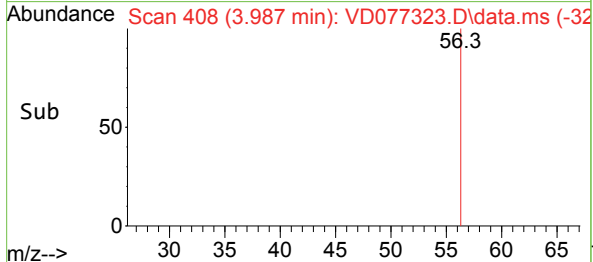
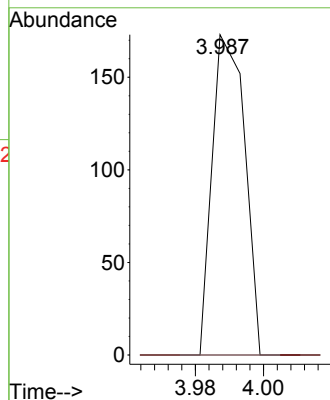
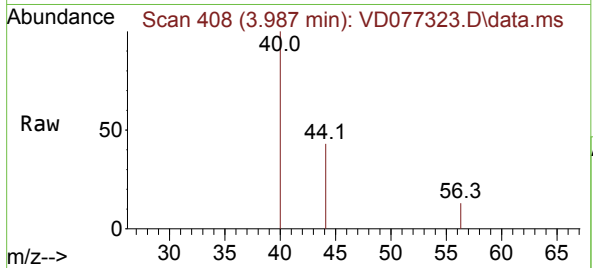
ClientSampleId :

Tgt Ion: 56 Resp: 115

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#



#16

Acetone

Concen: 4.495 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD077323.D

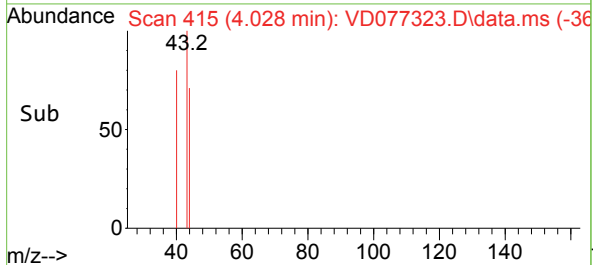
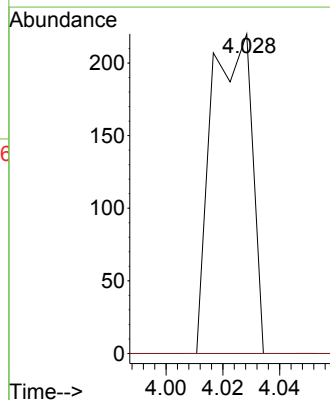
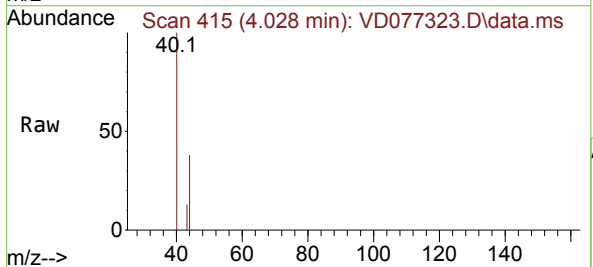
Acq: 12 Oct 2023 18:05

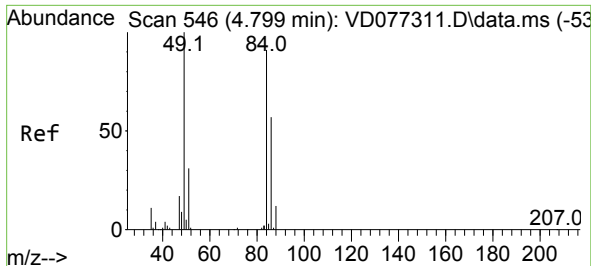
Tgt Ion: 43 Resp: 217

Ion Ratio Lower Upper

43 100

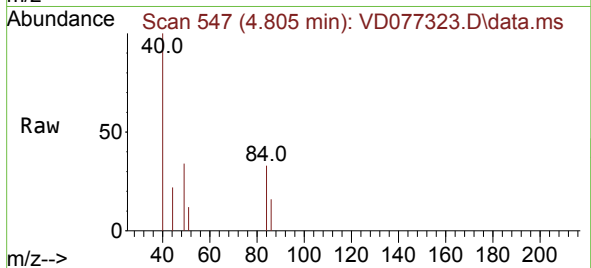
58 0.0 34.7 52.1#



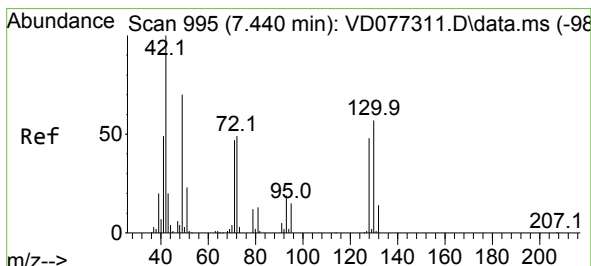
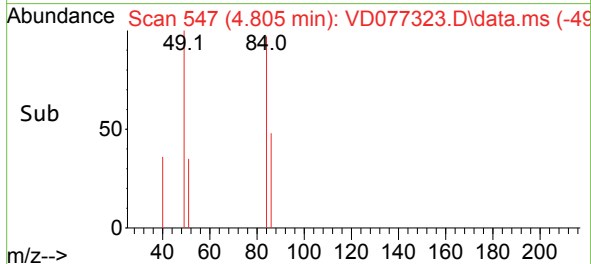
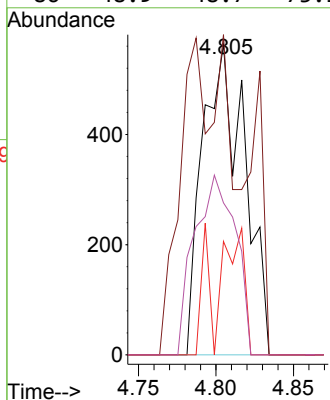


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Instrument :
MSVOA_D
ClientSampleId :

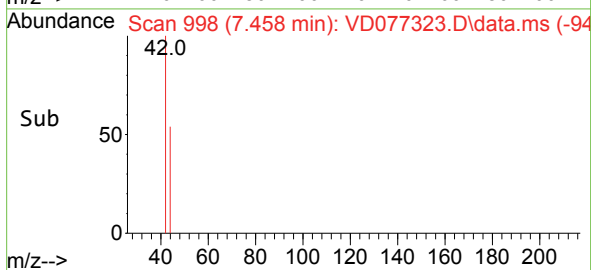
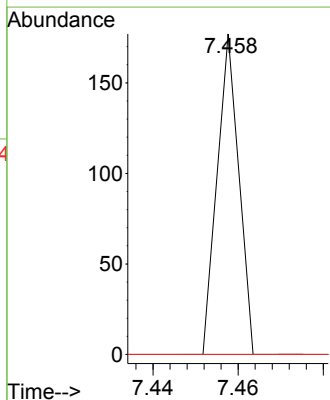
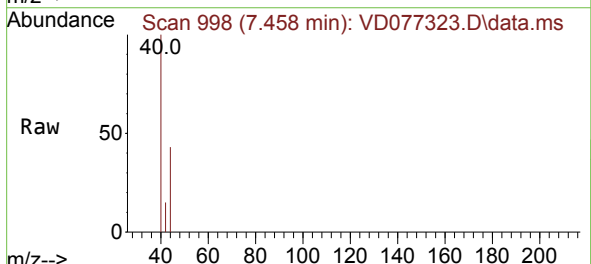


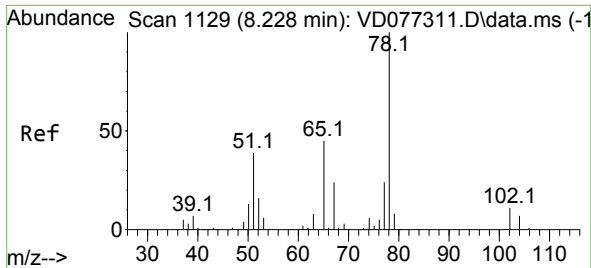
Tgt Ion: 84 Resp: 1061
Ion Ratio Lower Upper
84 100
49 103.0 71.4 107.2
51 36.5 24.5 36.7
86 48.9 48.7 73.1



#29
Tetrahydrofuran
Concen: 1.581 ug/l
RT: 7.458 min Scan# 998
Delta R.T. 0.018 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion: 42 Resp: 62
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#





#33

1,2-Dichloroethane-d4

Concen: 99.676 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

Instrument :

MSVOA_D

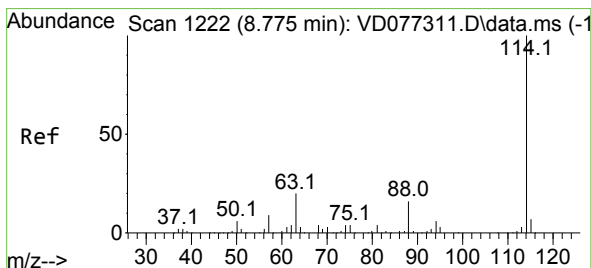
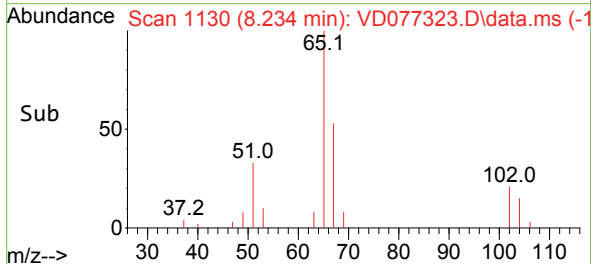
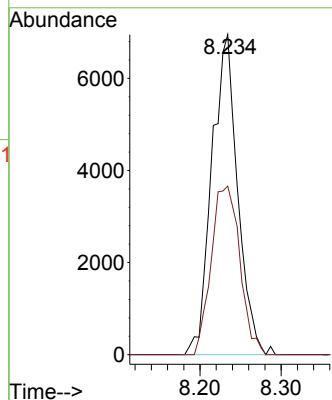
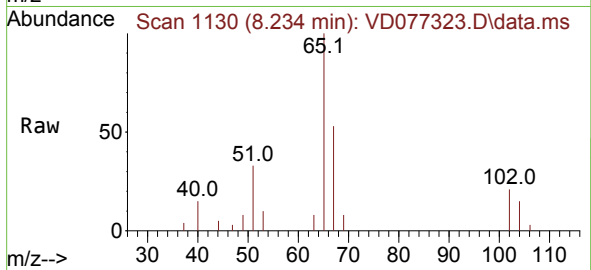
ClientSampleId :

Tgt Ion: 65 Resp: 15400

Ion Ratio Lower Upper

65 100

67 58.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

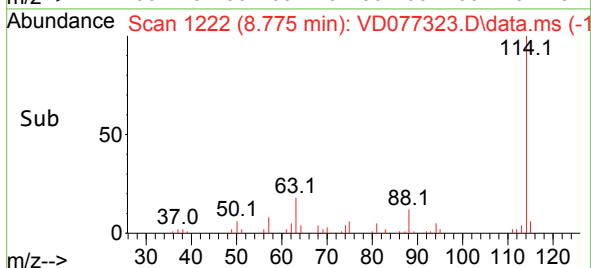
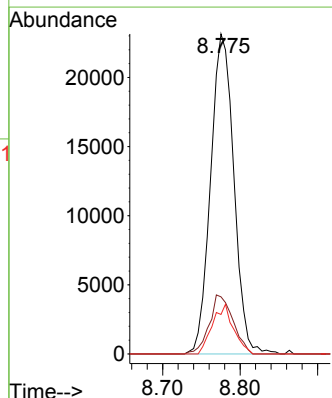
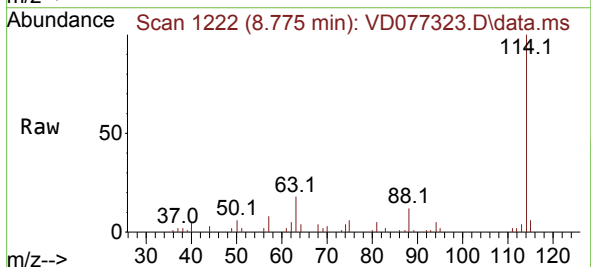
Tgt Ion: 114 Resp: 48359

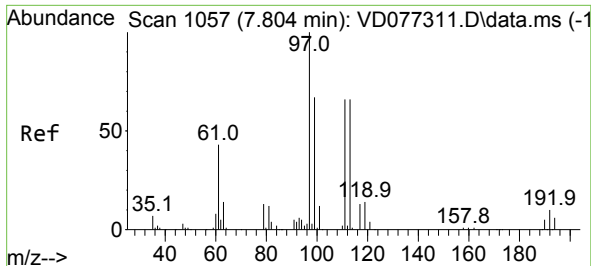
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

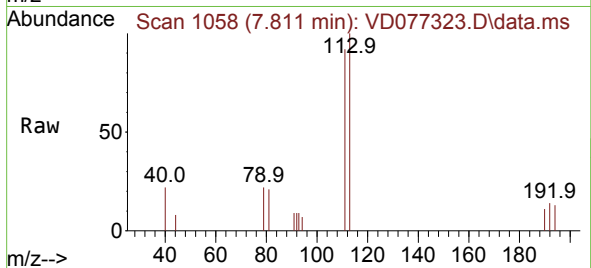
88 12.3 0.0 26.2



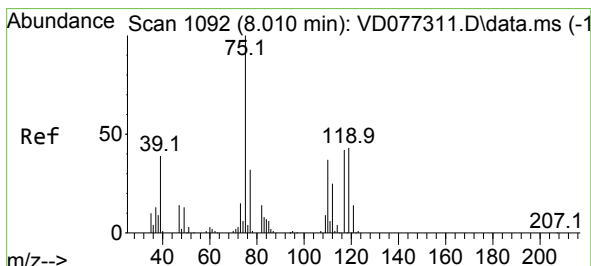
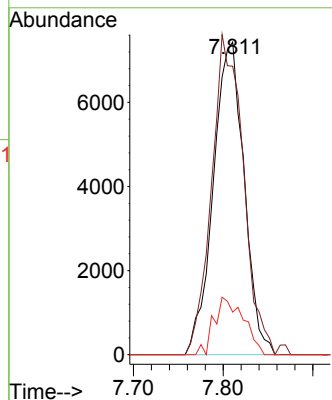
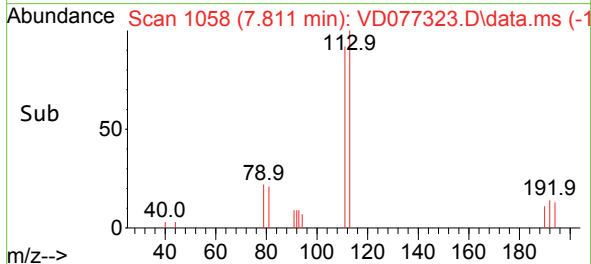


#35
Dibromofluoromethane
Concen: 70.567 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Instrument :
MSVOA_D
ClientSampleId :

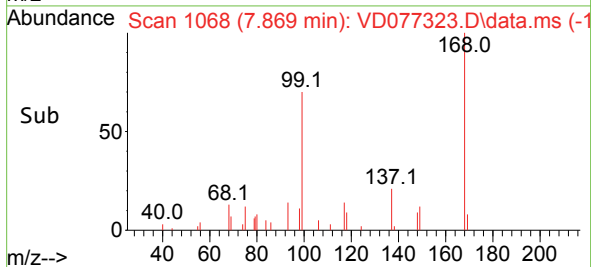
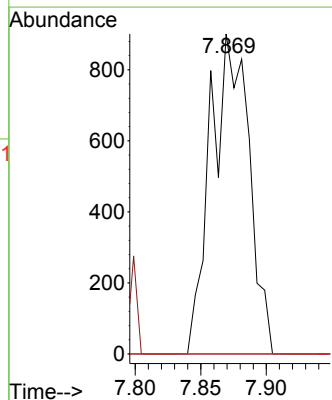
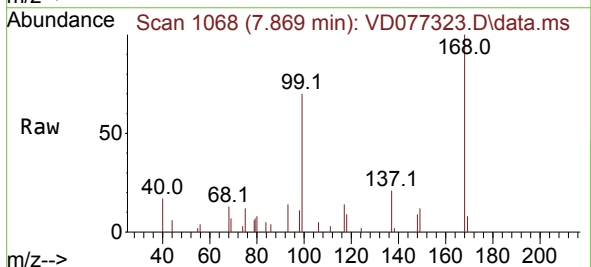


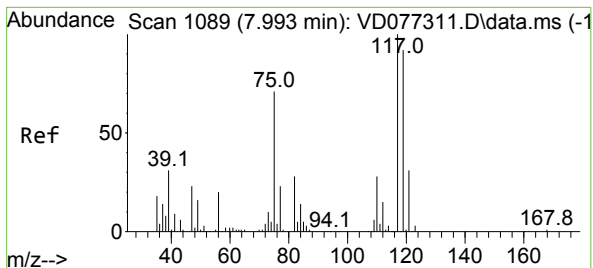
Tgt Ion:113 Resp: 17770
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 17.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.893 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion: 75 Resp: 1832
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.358 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

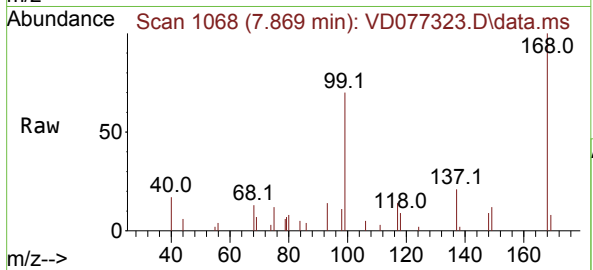
Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :



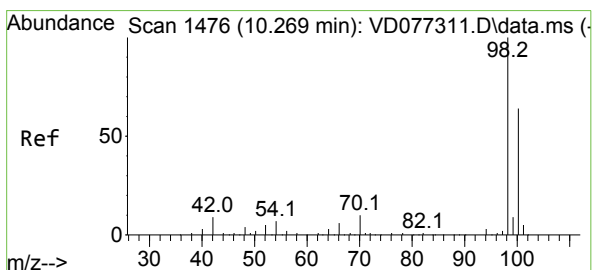
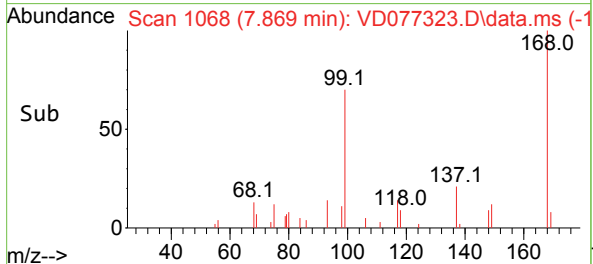
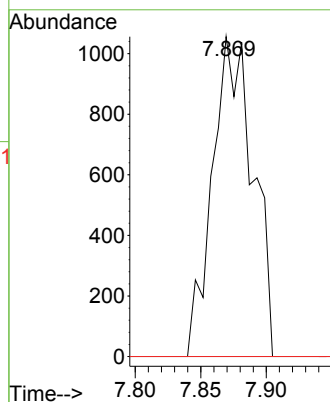
Tgt Ion:117 Resp: 2270

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 77.362 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077323.D

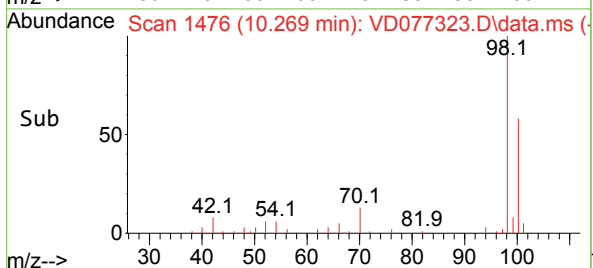
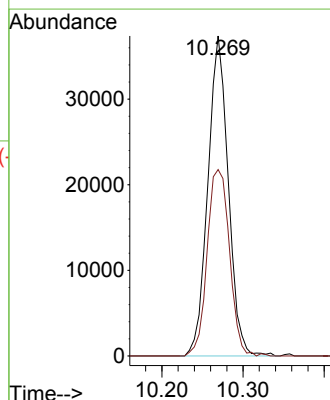
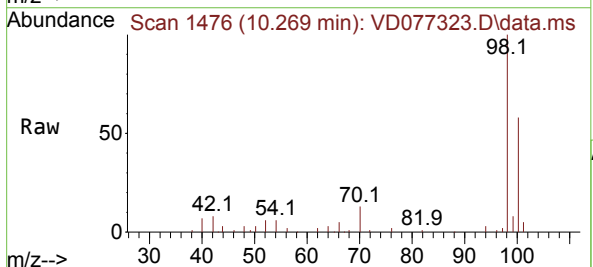
Acq: 12 Oct 2023 18:05

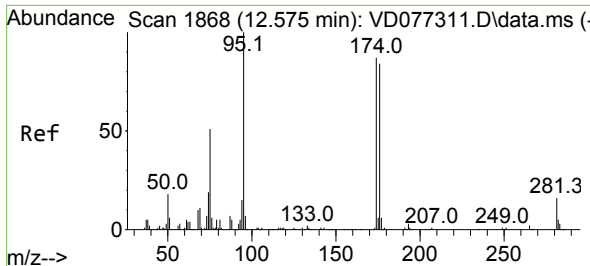
Tgt Ion: 98 Resp: 65324

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5

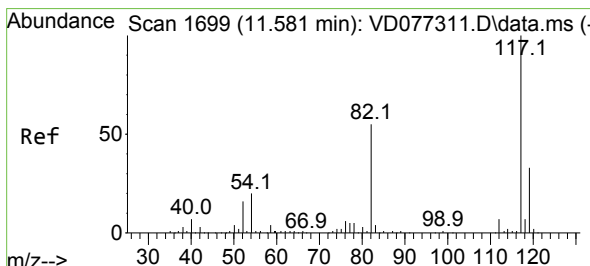
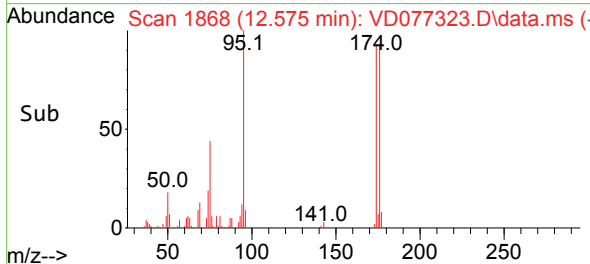
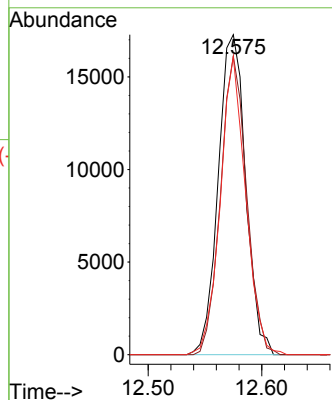
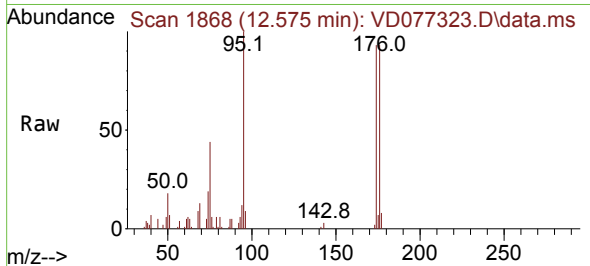




#62
4-Bromofluorobenzene
Concen: 102.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

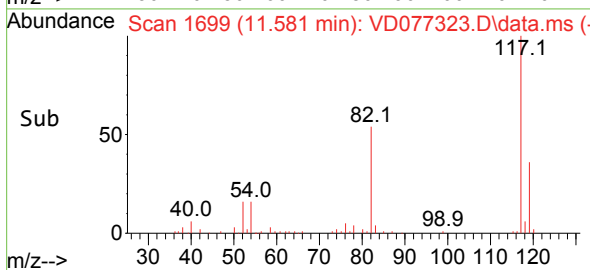
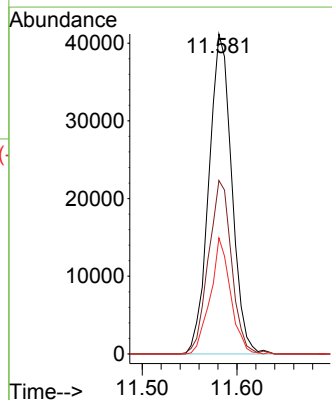
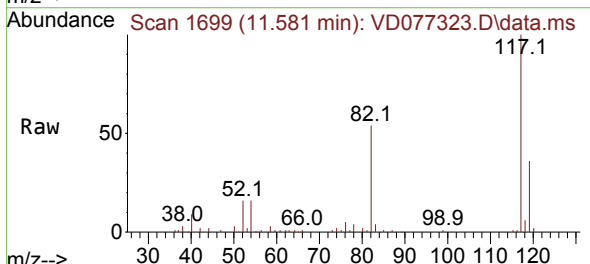
Instrument :
MSVOA_D
ClientSampleId :

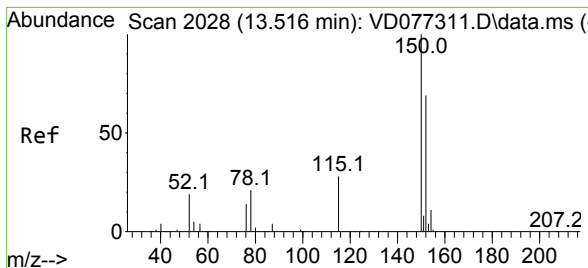
Tgt Ion:	95	Resp:	28968
Ion Ratio	Lower	Upper	
95	100		
174	88.5	0.0	201.8
176	86.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion:	117	Resp:	69361
Ion Ratio	Lower	Upper	
117	100		
82	54.2	38.3	57.5
119	36.3	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :

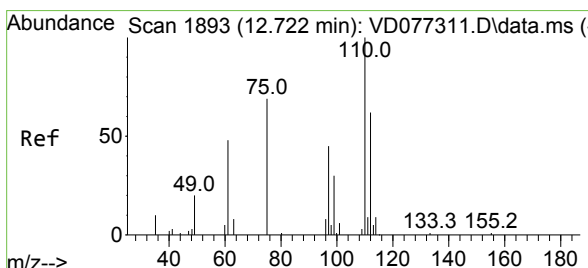
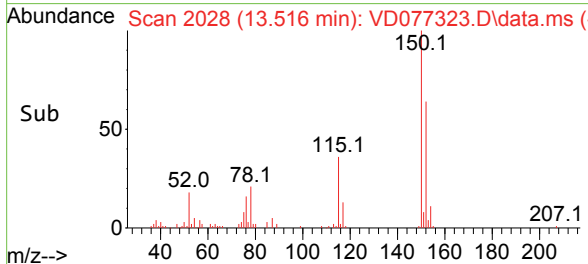
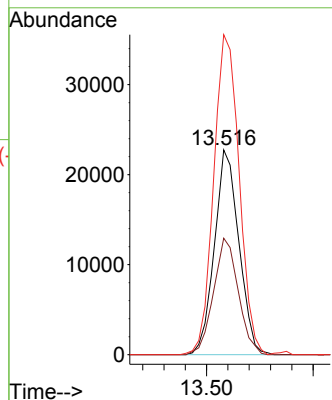
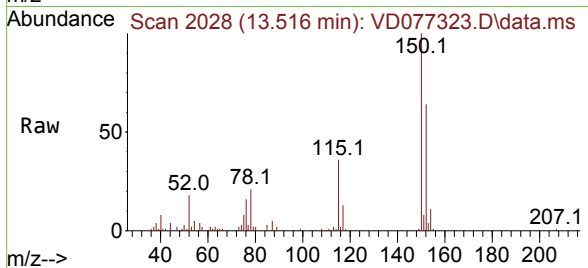
Tgt Ion:152 Resp: 36255

Ion Ratio Lower Upper

152 100

115 57.6 27.1 81.3

150 162.4 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 35.980 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD077323.D

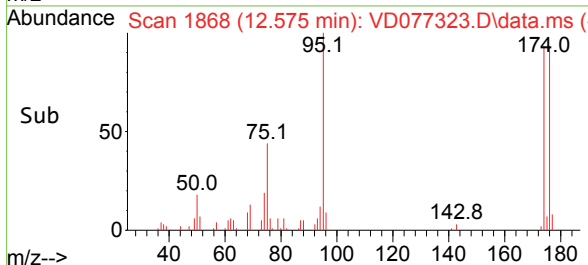
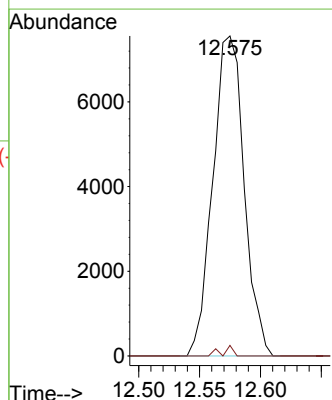
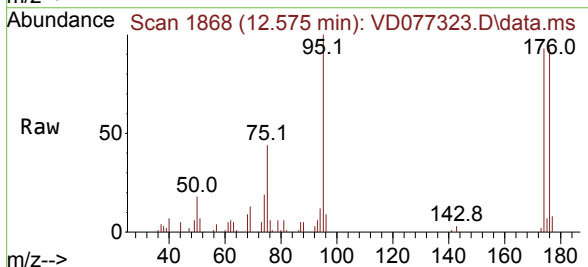
Acq: 12 Oct 2023 18:05

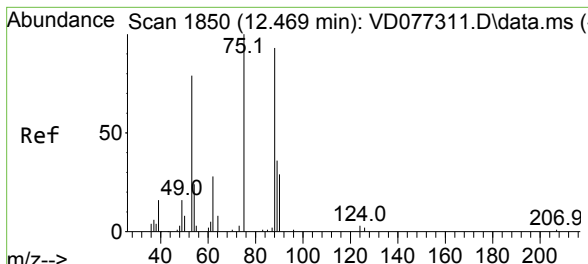
Tgt Ion: 75 Resp: 13512

Ion Ratio Lower Upper

75 100

77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.415 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD077323.D
 Acq: 12 Oct 2023 18:05

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 13512

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

