

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076902.D
 Acq On : 02 Aug 2023 17:09
 Operator : KP/SY
 Sample : 03860-02
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-WALL

Quant Time: Aug 03 01:25:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

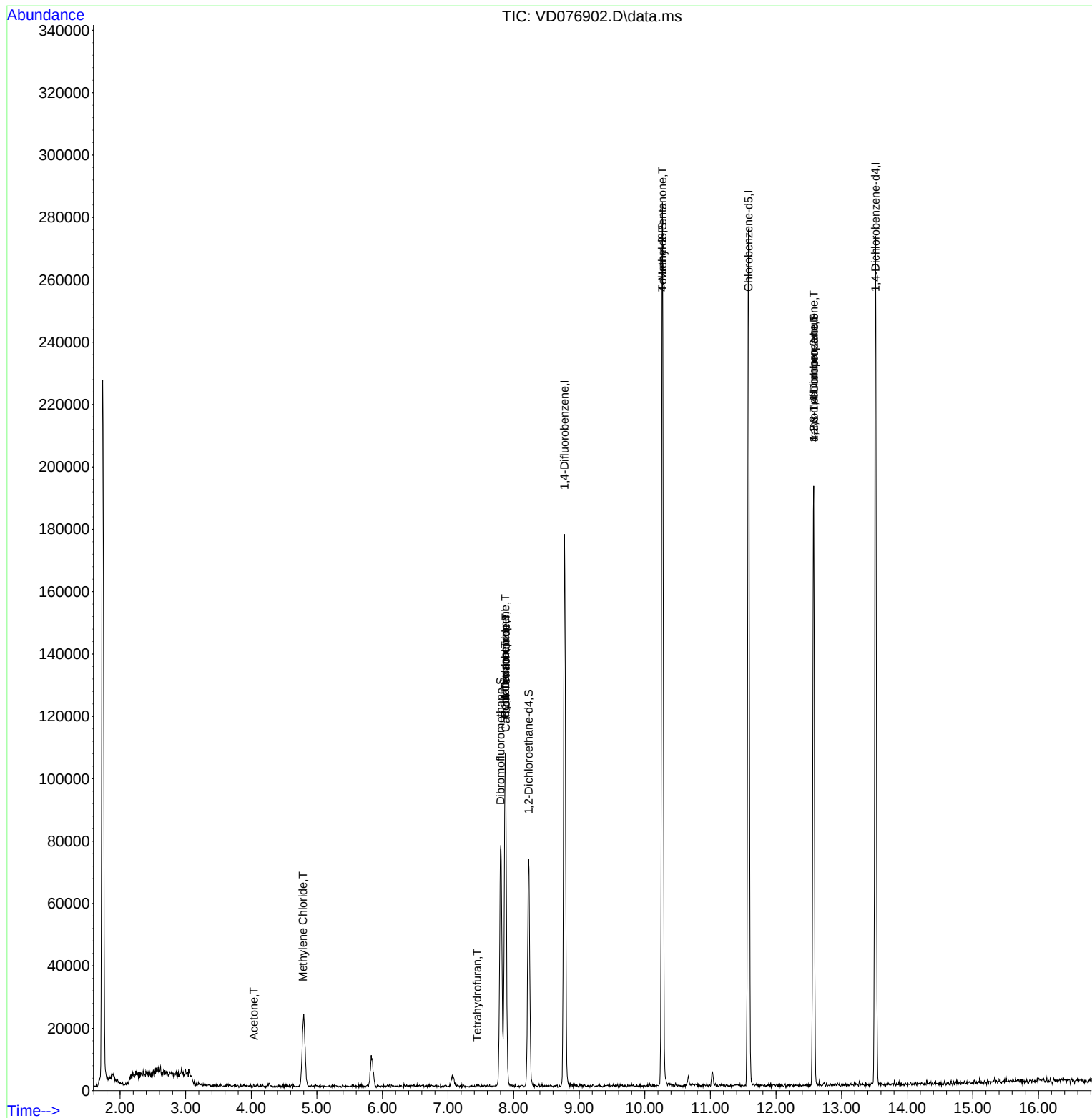
Internal Standards						
1) Pentafluorobenzene	7.869	168	85921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	166353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55930	65.354	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.700%		
35) Dibromofluoromethane	7.799	113	59070	57.189	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.380%		
50) Toluene-d8	10.269	98	203701	55.128	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 110.260%		
62) 4-Bromofluorobenzene	12.575	95	59975	50.174	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 100.340%		
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	241	1.179	ug/l #	32
20) Methylene Chloride	4.787	84	18415	6.085	ug/l	93
29) Tetrahydrofuran	7.446	42	212	1.312	ug/l #	42
31) Cyclohexane	7.869	56	2115	1.679	ug/l #	68
36) 1,1-Dichloropropene	7.875	75	7008	5.192	ug/l #	45
38) Carbon Tetrachloride	7.881	117	8458	6.545	ug/l #	11
51) 4-Methyl-2-Pentanone	10.269	43	691	1.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32679	47.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32679	100.784	ug/l #	17

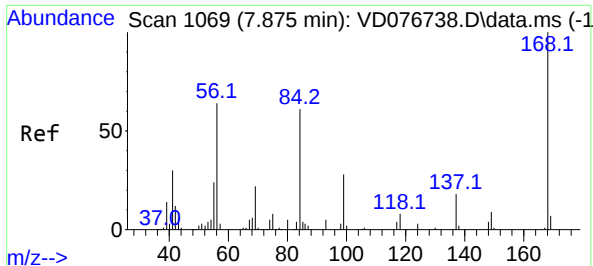
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SOUTH-WALL

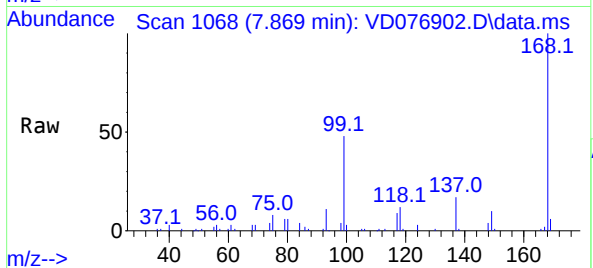
Quant Time: Aug 03 01:25:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



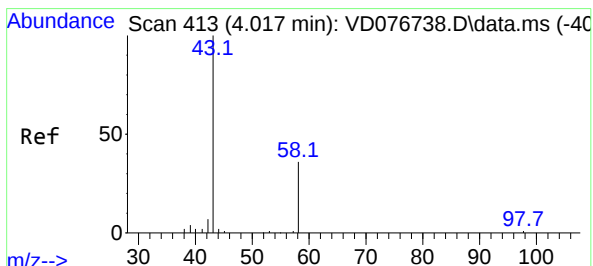
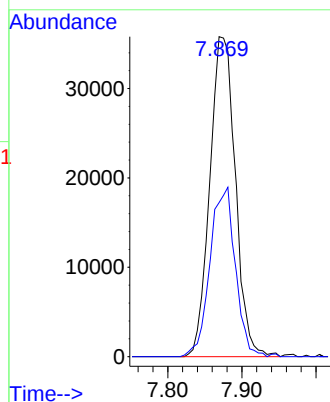
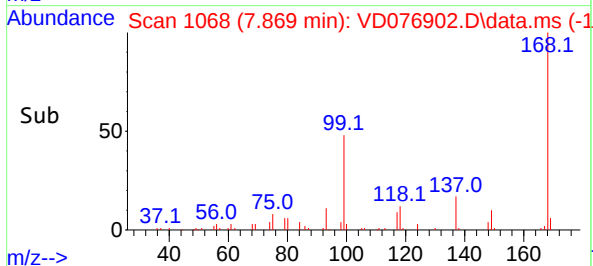


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

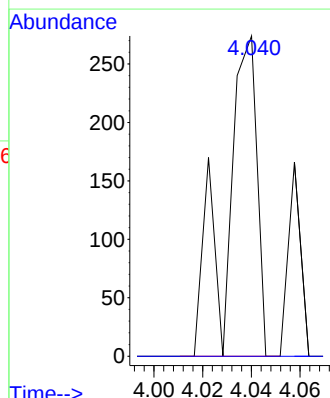
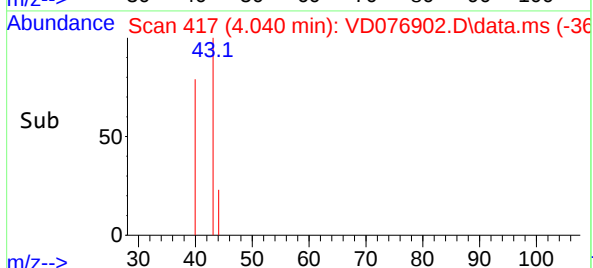
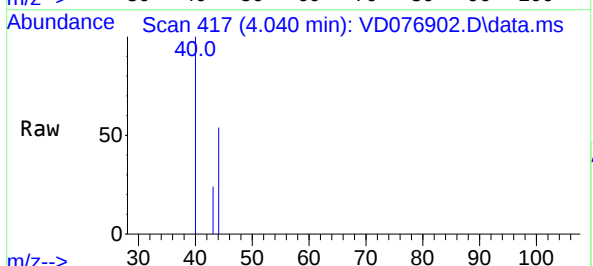


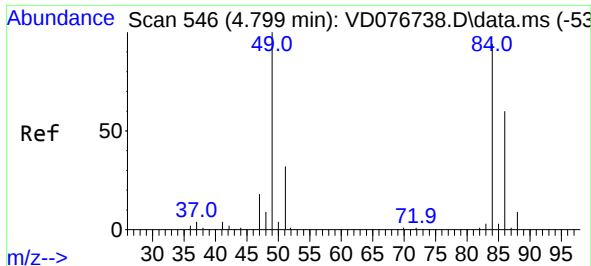
Tgt Ion:168 Resp: 85921
Ion Ratio Lower Upper
168 100
99 48.1 36.7 55.1



#16
Acetone
Concen: 1.179 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.023 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



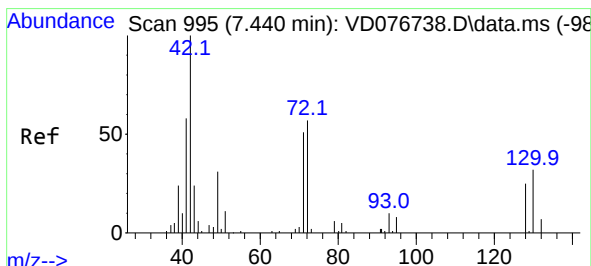
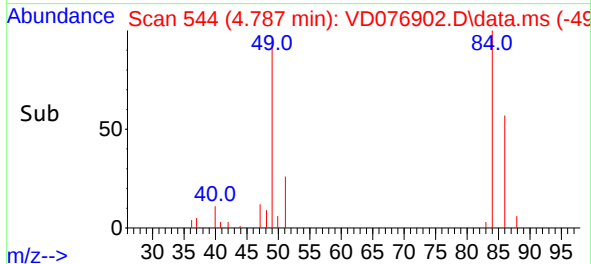
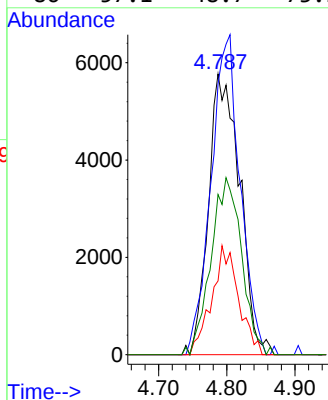
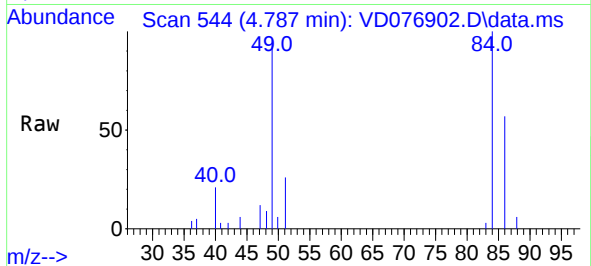


#20
Methylene Chloride
Concen: 6.085 ug/l
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

Tgt Ion: 84 Resp: 18415

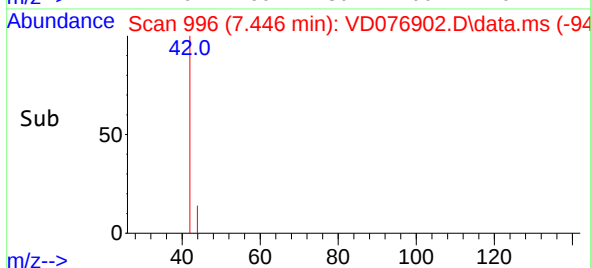
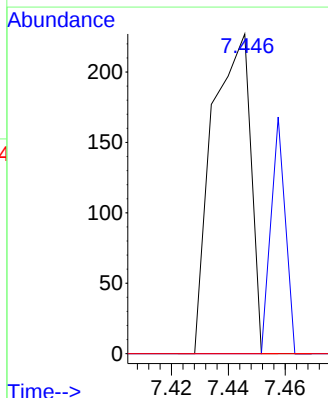
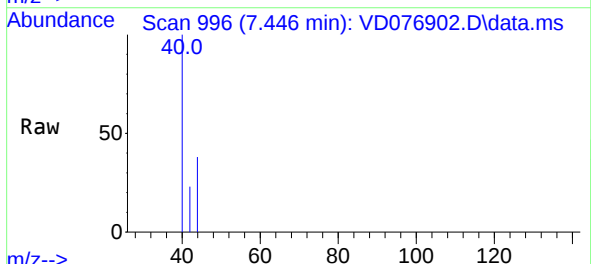
Ion	Ratio	Lower	Upper
84	100		
49	96.5	71.4	107.2
51	26.3	24.5	36.7
86	57.1	48.7	73.1

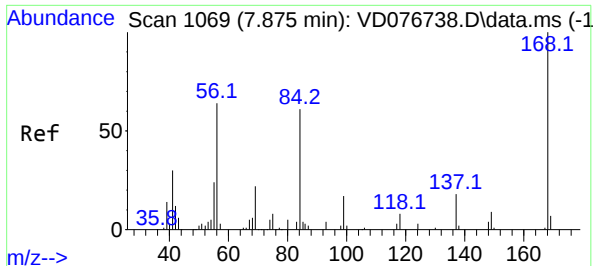


#29
Tetrahydrofuran
Concen: 1.312 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion: 42 Resp: 212

Ion	Ratio	Lower	Upper
42	100		
72	27.8	46.5	69.7#
71	0.0	44.5	66.7#





#31

Cyclohexane

Concen: 1.679 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076902.D

Acq: 02 Aug 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

SOUTH-WALL

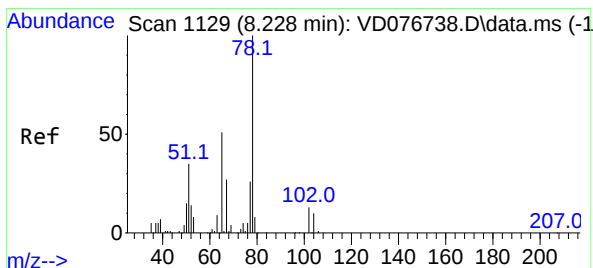
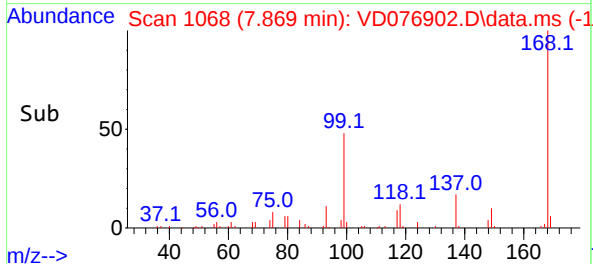
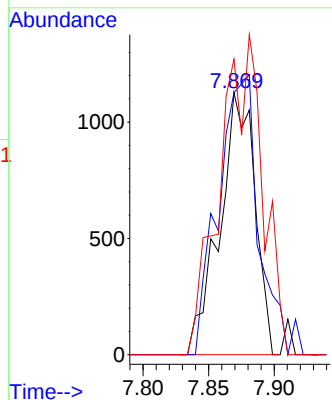
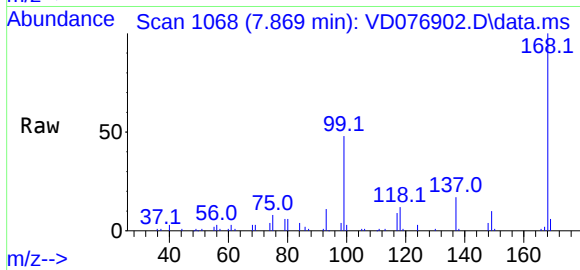
Tgt Ion: 56 Resp: 2115

Ion Ratio Lower Upper

56 100

69 99.9 28.6 43.0#

84 112.7 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 65.354 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076902.D

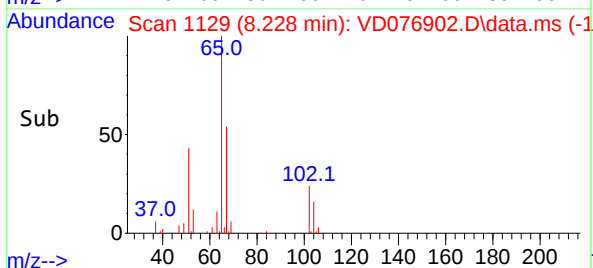
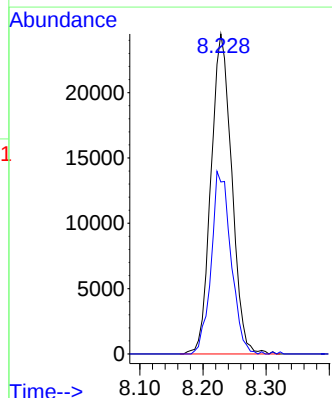
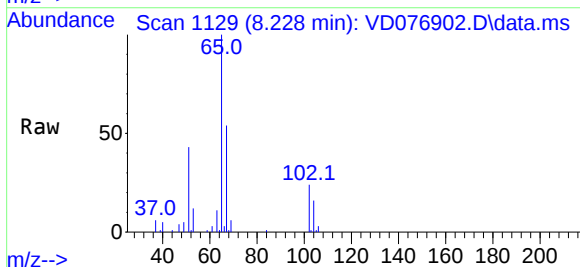
Acq: 02 Aug 2023 17:09

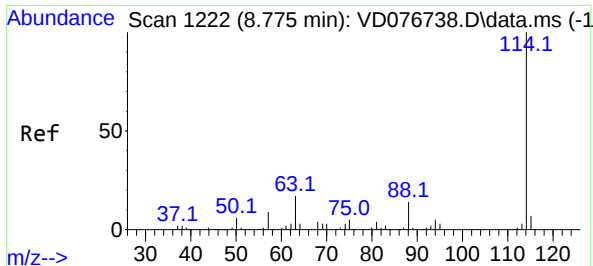
Tgt Ion: 65 Resp: 55930

Ion Ratio Lower Upper

65 100

67 54.3 0.0 115.0

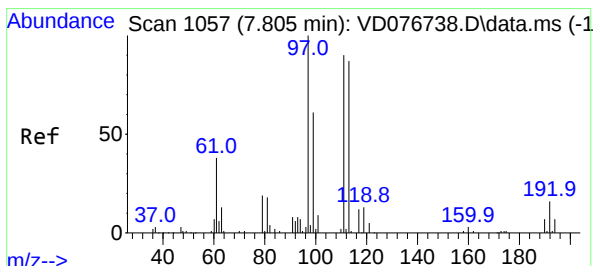
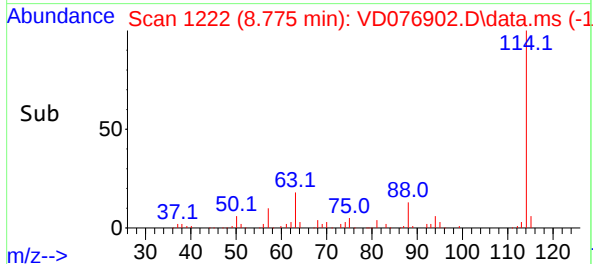
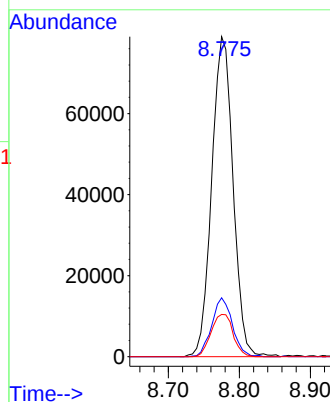
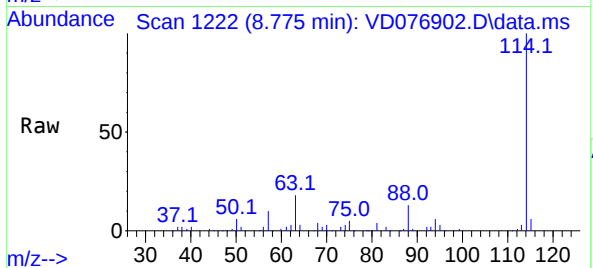




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

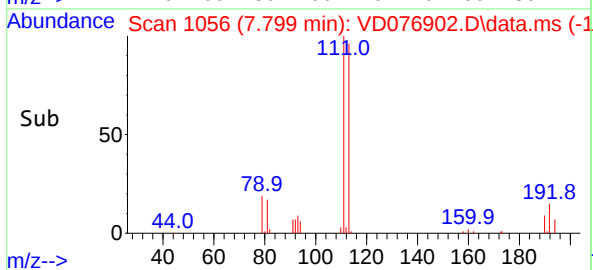
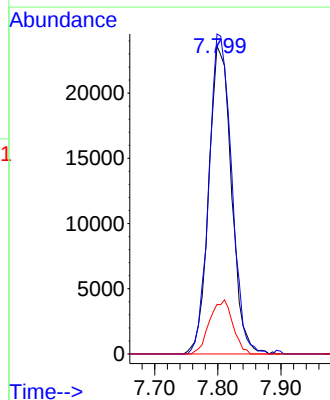
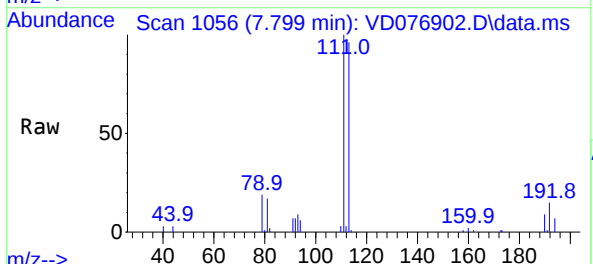
Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

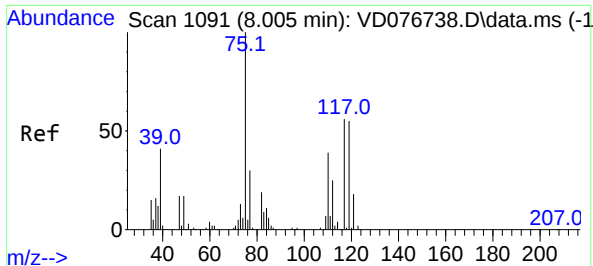
Tgt Ion:114 Resp: 164367
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 13.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 57.189 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion:113 Resp: 59070
Ion Ratio Lower Upper
113 100
111 103.8 84.7 127.1
192 17.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.192 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.130 min

Lab File: VD076902.D

Acq: 02 Aug 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

SOUTH-WALL

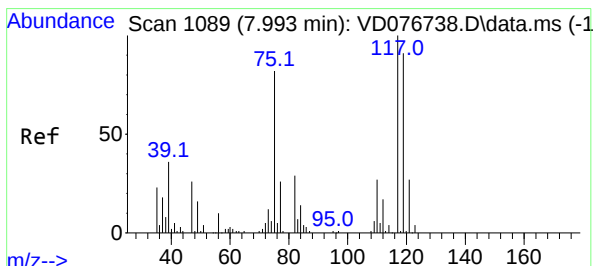
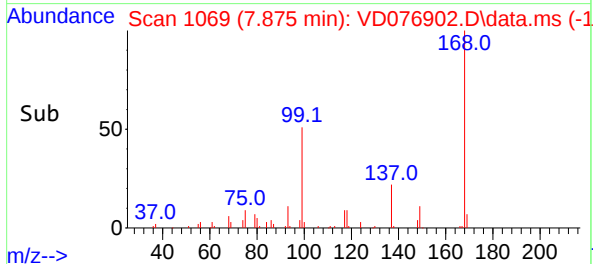
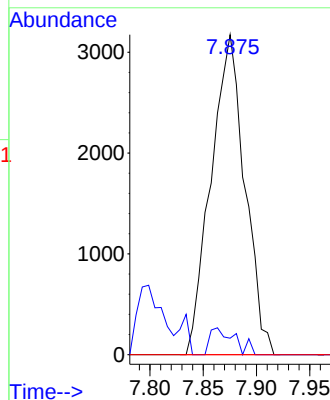
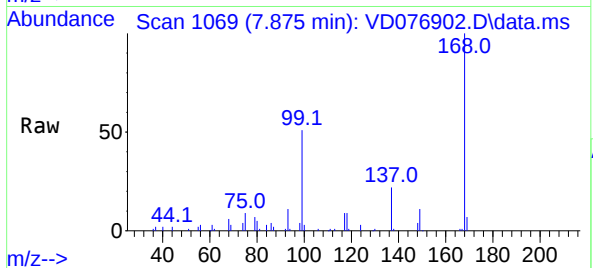
Tgt Ion: 75 Resp: 7008

Ion Ratio Lower Upper

75 100

110 6.2 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.545 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076902.D

Acq: 02 Aug 2023 17:09

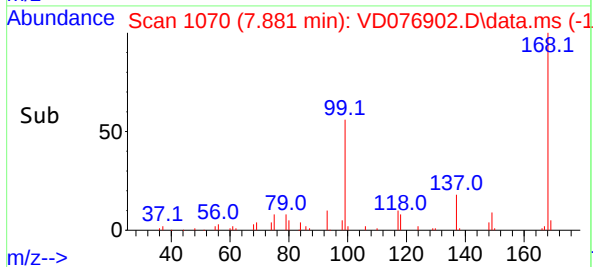
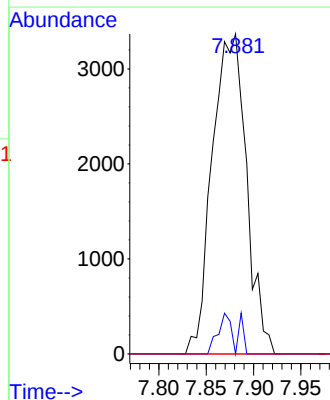
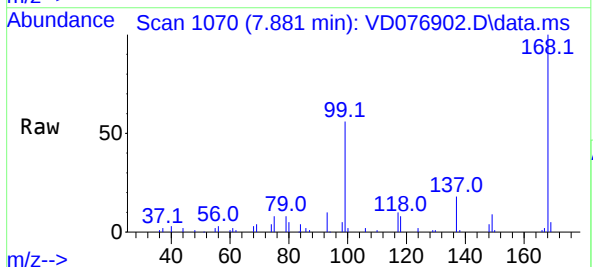
Tgt Ion: 117 Resp: 8458

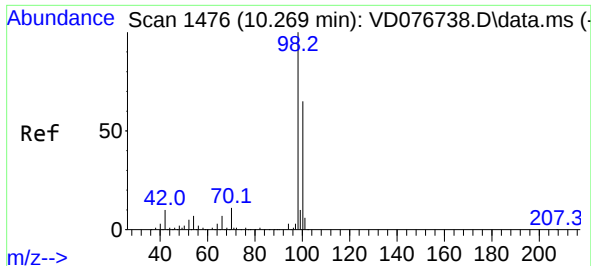
Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#

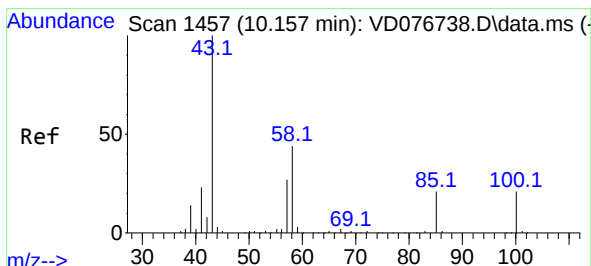
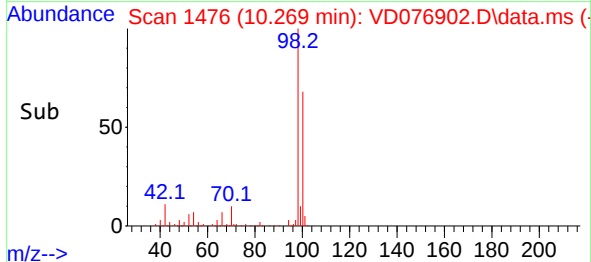
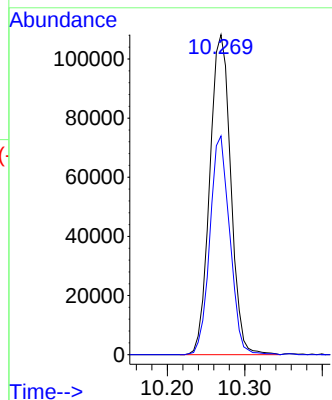
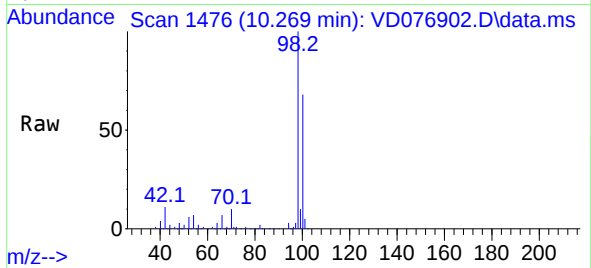




#50
Toluene-d8
Concen: 55.128 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

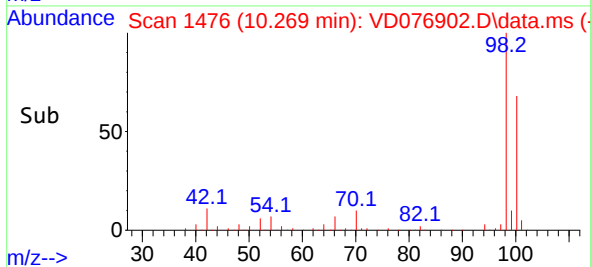
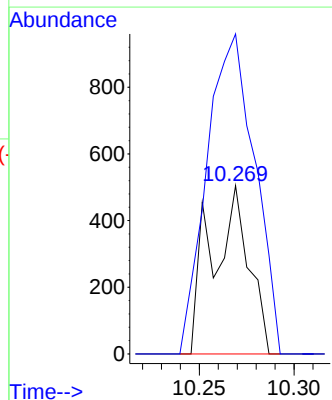
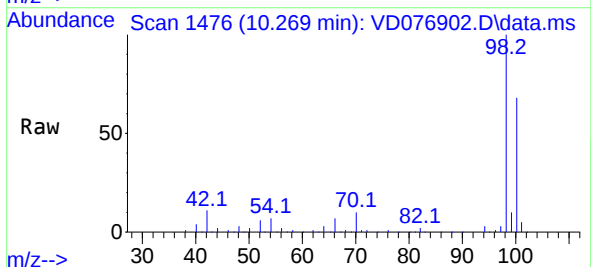
Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

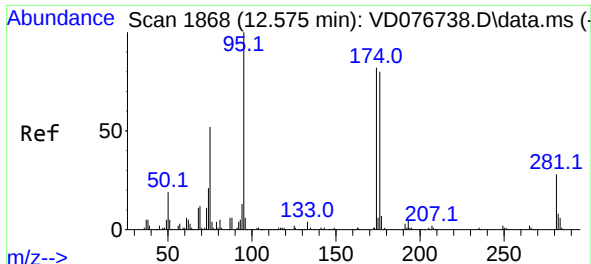
Tgt Ion: 98 Resp: 203701
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.102 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 244.1 38.9 58.3#

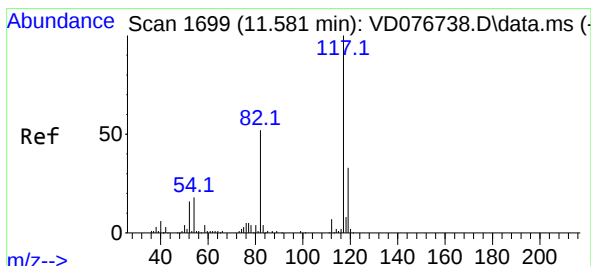
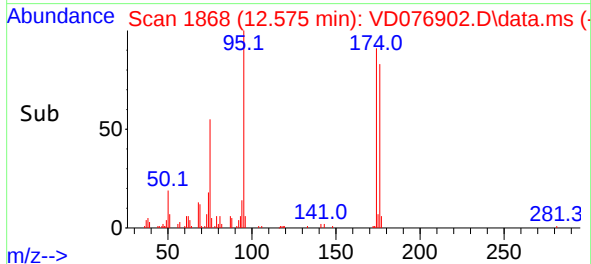
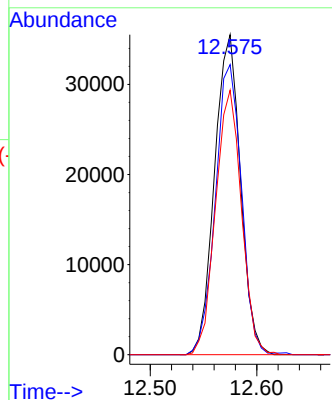
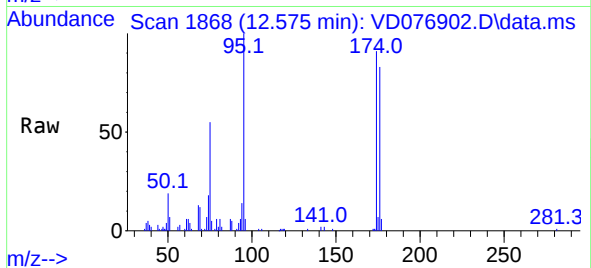




#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

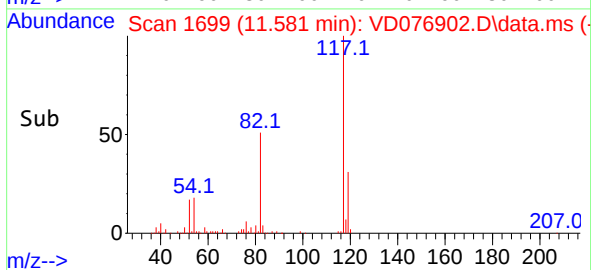
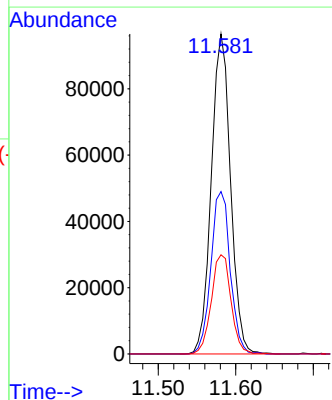
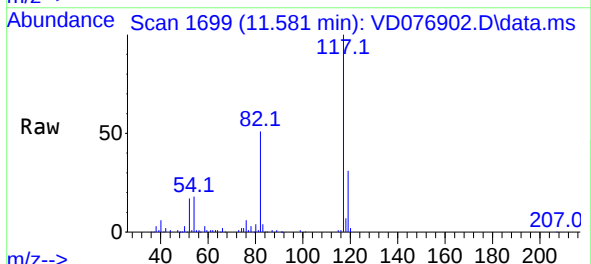
Instrument :
MSVOA_D
ClientSampleId :
SOUTH-WALL

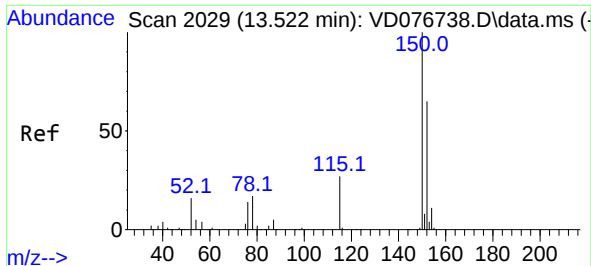
Tgt Ion:	95	Resp:	59975
Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	201.8
176	82.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076902.D
Acq: 02 Aug 2023 17:09

Tgt Ion:	117	Resp:	166353
Ion	Ratio	Lower	Upper
117	100		
82	50.7	38.3	57.5
119	31.0	25.0	37.4

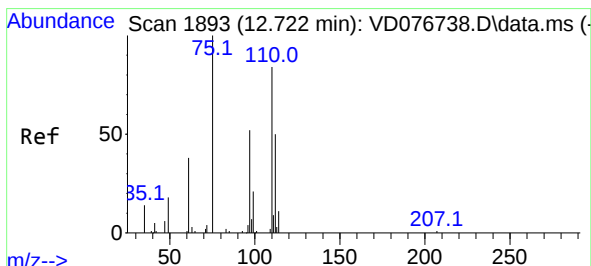
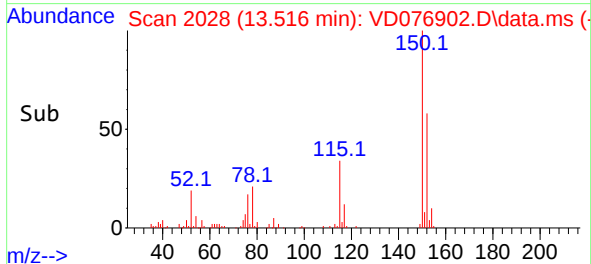
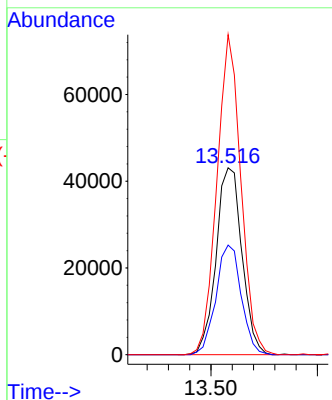
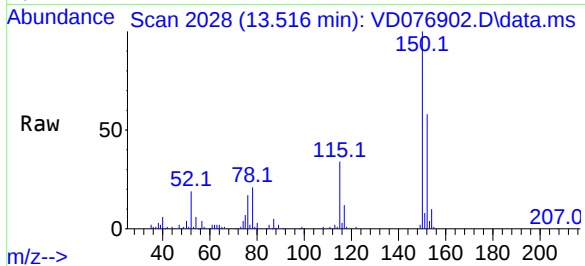




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076902.D
 Acq: 02 Aug 2023 17:09

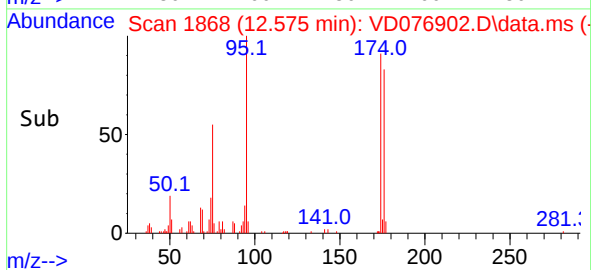
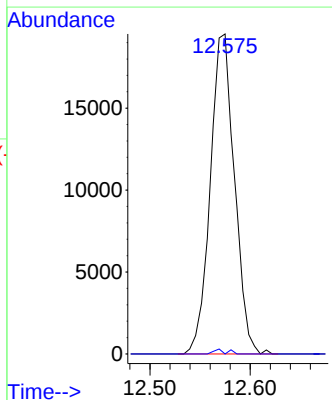
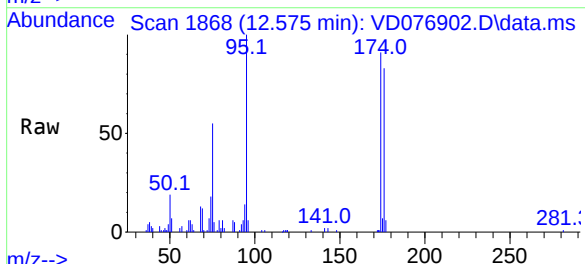
Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-WALL

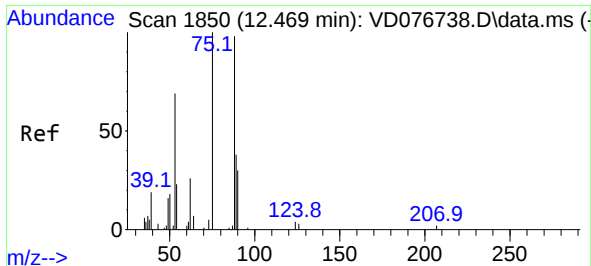
Tgt Ion:152 Resp: 72565
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.1 81.3
 150 159.0 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.355 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076902.D
 Acq: 02 Aug 2023 17:09

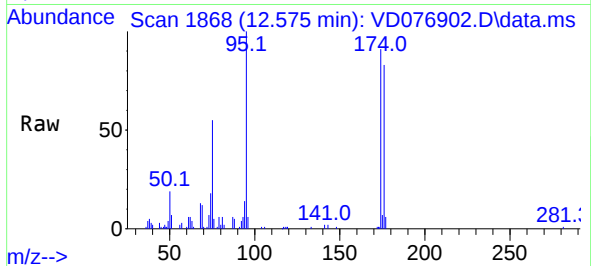
Tgt Ion: 75 Resp: 32679
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.784 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076902.D
 Acq: 02 Aug 2023 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTH-WALL



Tgt Ion:	75	Resp:	32679
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

