

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078935.D
 Acq On : 15 May 2024 17:38
 Operator : RP/MD
 Sample : P2490-01
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

Quant Time: May 16 01:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

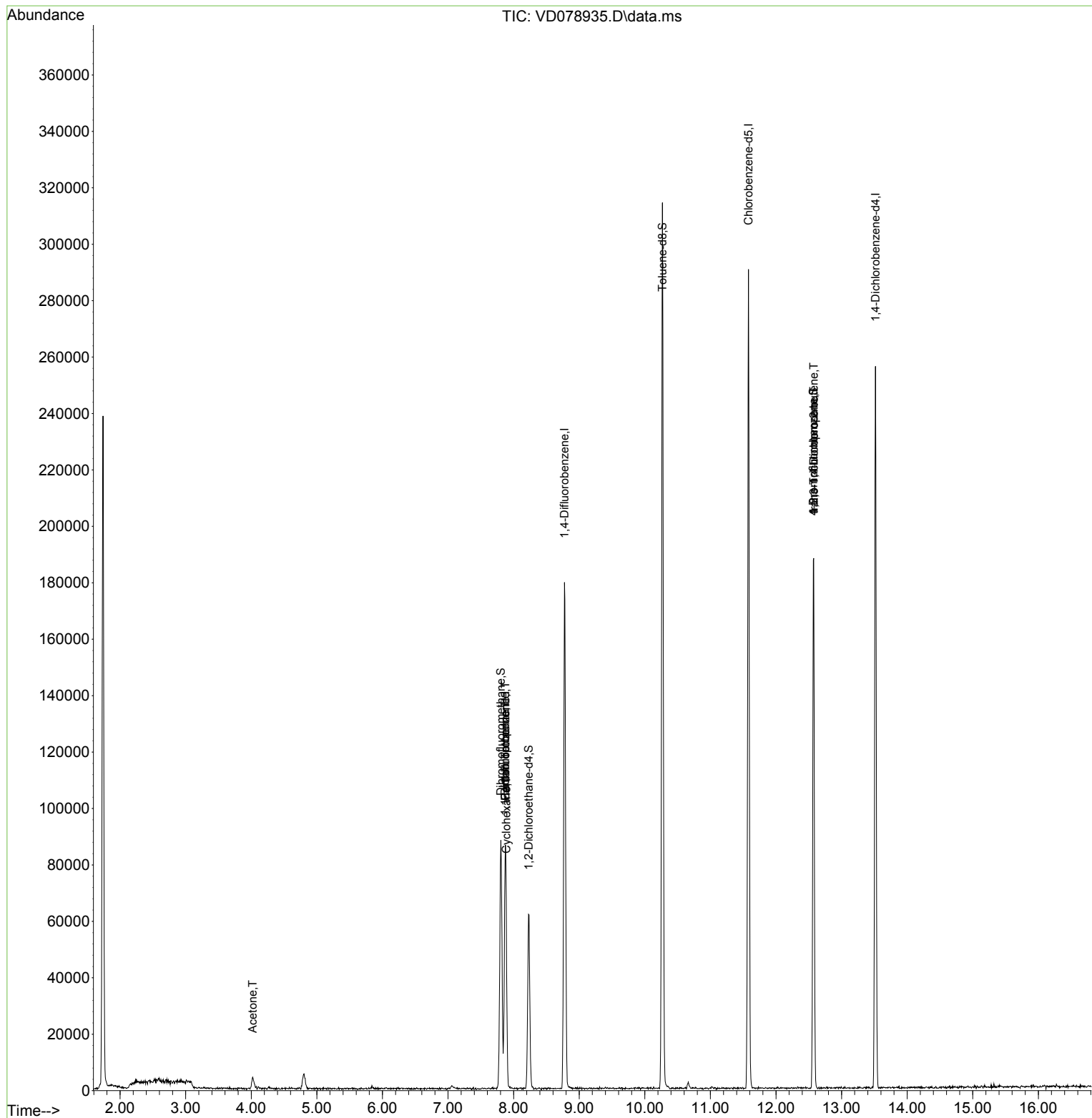
Internal Standards						
1) Pentafluorobenzene	7.875	168	72220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48450	71.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.040%
35) Dibromofluoromethane	7.805	113	66068	58.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.340%
50) Toluene-d8	10.269	98	224744	52.781	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.560%
62) 4-Bromofluorobenzene	12.569	95	55919	46.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.500%
Target Compounds						
						Qvalue
3) Chloromethane	2.146	50	73	Below Cal	#	40
16) Acetone	4.022	43	6428	59.512	ug/l #	80
17) Carbon Disulfide	4.264	76	679	Below Cal	#	76
20) Methylene Chloride	4.799	84	4195	Below Cal	#	88
31) Cyclohexane	7.887	56	1243	1.256	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	5352	3.787	ug/l #	44
38) Carbon Tetrachloride	7.875	117	6546	3.957	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	28142	55.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	28142	109.763	ug/l #	19

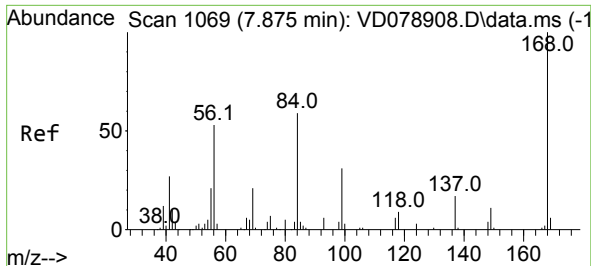
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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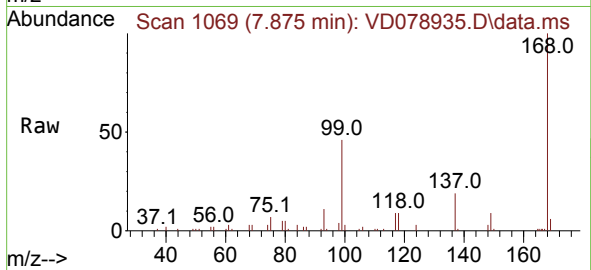
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



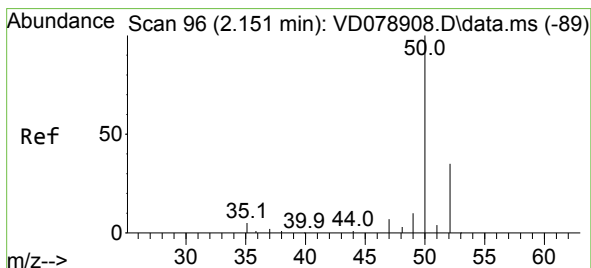
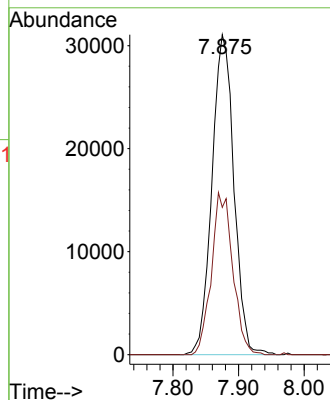
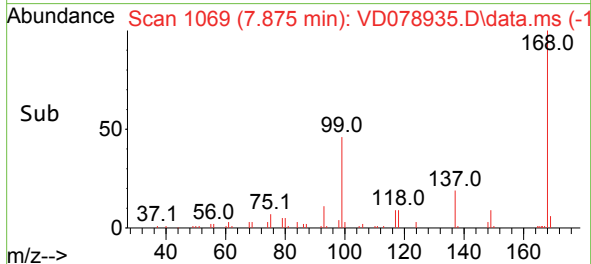


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Instrument :
MSVOA_D
ClientSampleId :
72-11978

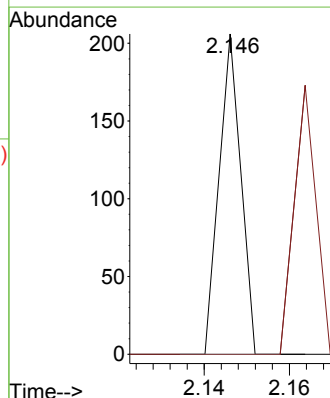
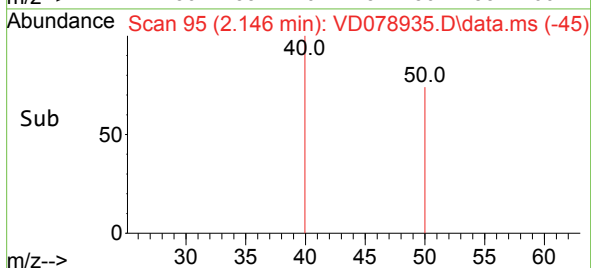
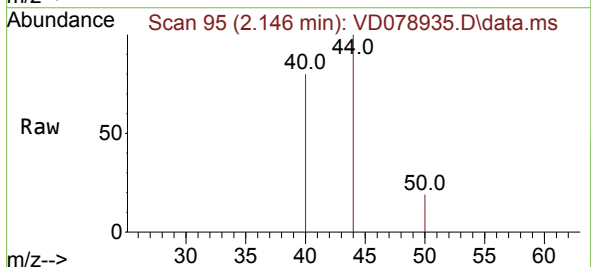


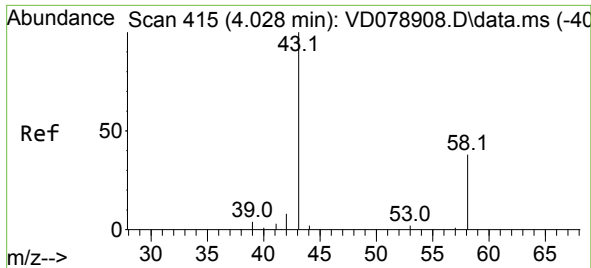
Tgt Ion:168 Resp: 72220
Ion Ratio Lower Upper
168 100
99 46.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#





#16

Acetone

Concen: 59.512 ug/l

RT: 4.022 min Scan# 415

Delta R.T. -0.005 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

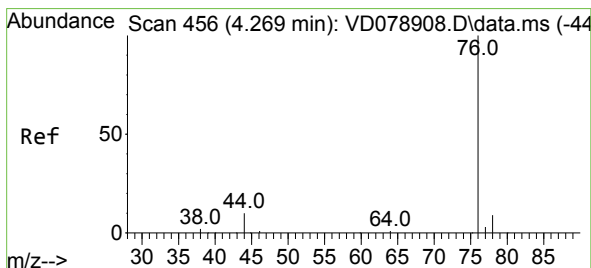
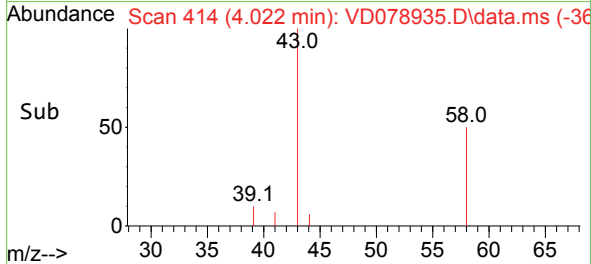
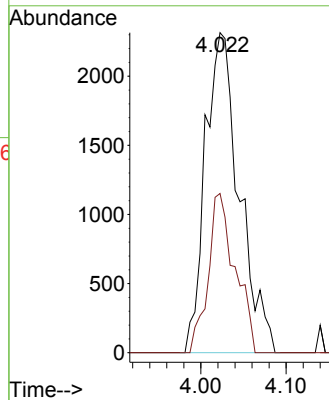
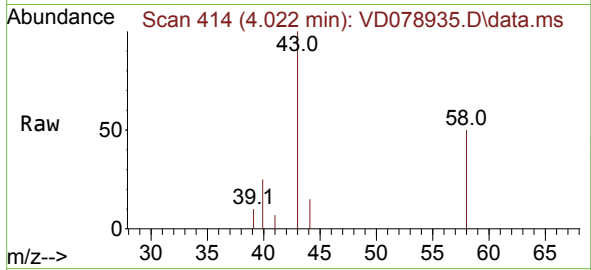
72-11978

Tgt Ion: 43 Resp: 6428

Ion Ratio Lower Upper

43 100

58 49.8 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.264 min Scan# 455

Delta R.T. -0.005 min

Lab File: VD078935.D

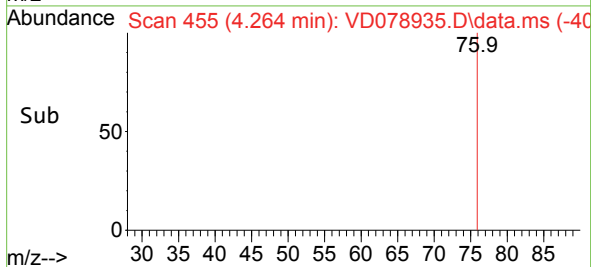
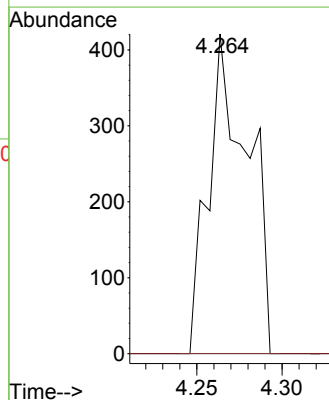
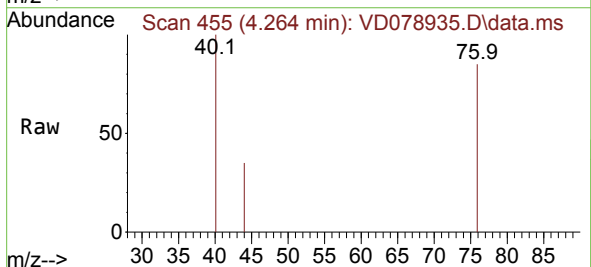
Acq: 15 May 2024 17:38

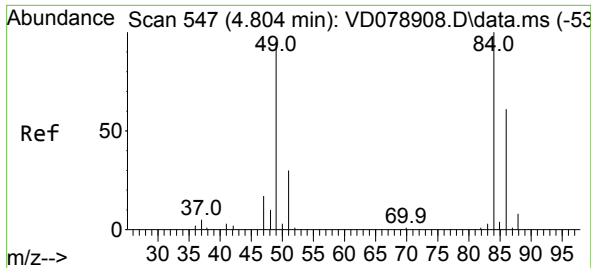
Tgt Ion: 76 Resp: 679

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#



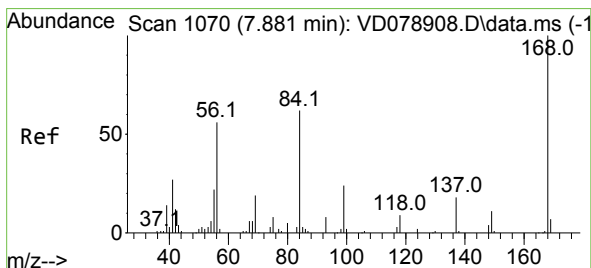
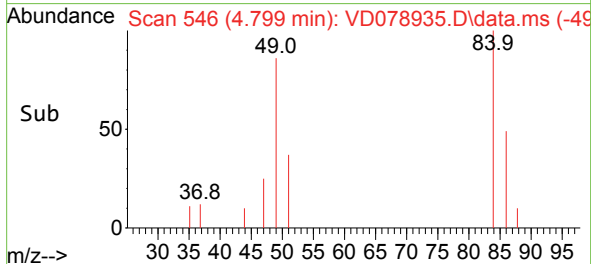
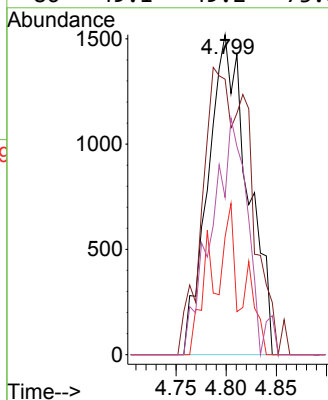
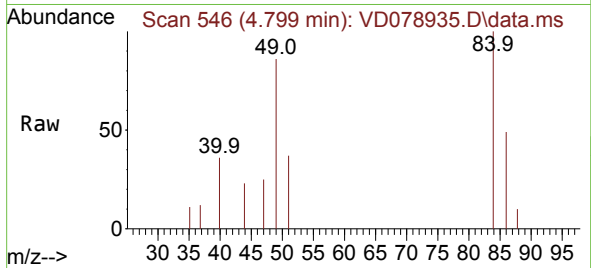


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Instrument :
MSVOA_D
ClientSampleId :
72-11978

Tgt Ion: 84 Resp: 4195

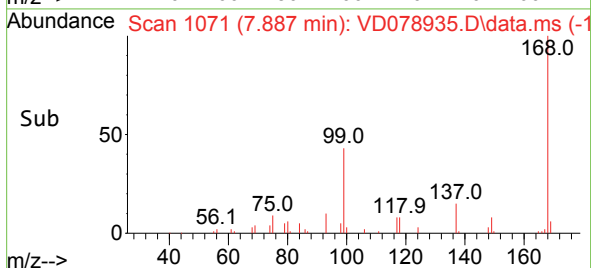
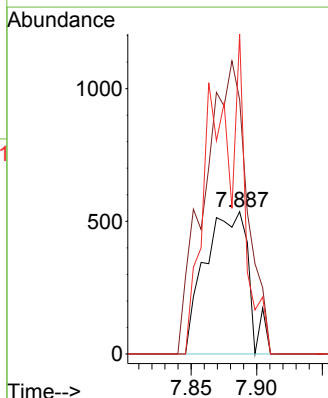
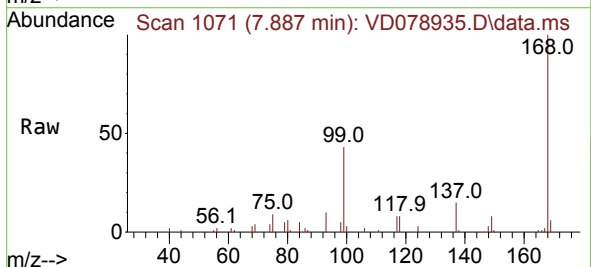
Ion	Ratio	Lower	Upper
84	100		
49	86.1	75.6	113.4
51	36.7	24.2	36.2#
86	49.1	49.2	73.8#

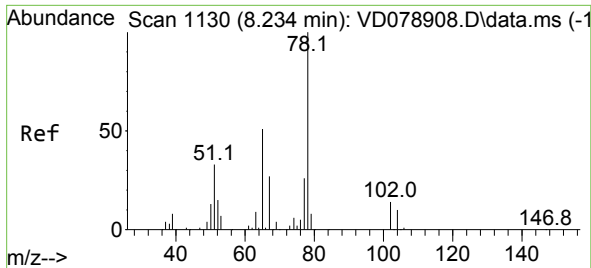


#31
Cyclohexane
Concen: 1.256 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Tgt Ion: 56 Resp: 1243

Ion	Ratio	Lower	Upper
56	100		
69	178.9	28.0	42.0#
84	225.0	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 71.521 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

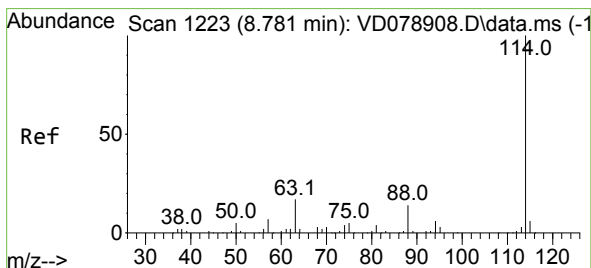
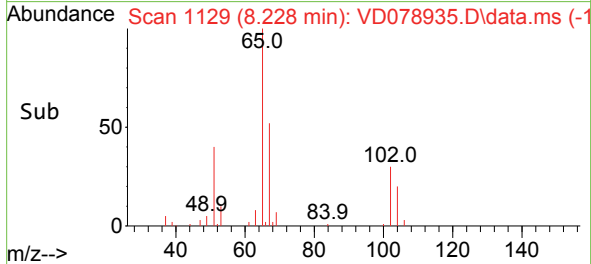
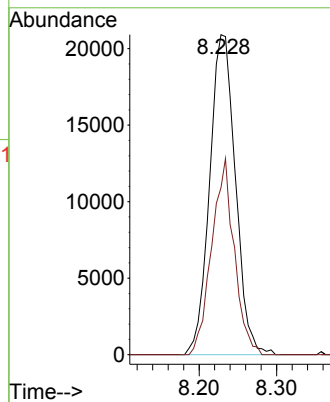
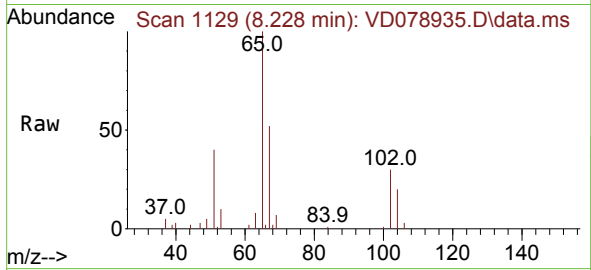
72-11978

Tgt Ion: 65 Resp: 48450

Ion Ratio Lower Upper

65 100

67 53.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.005 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

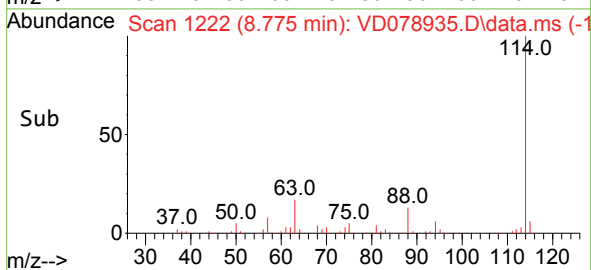
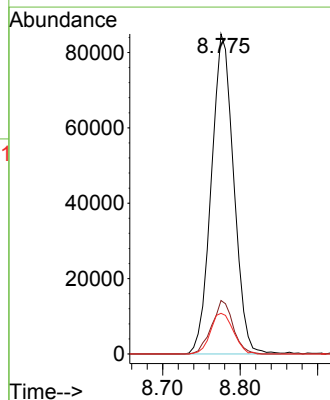
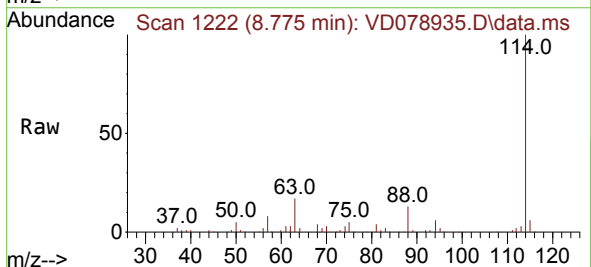
Tgt Ion: 114 Resp: 170632

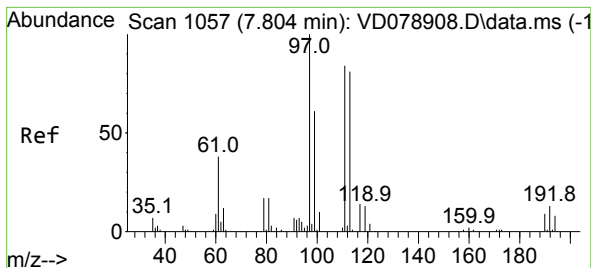
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 12.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 58.167 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

Instrument :

MSVOA_D

ClientSampleId :

72-11978

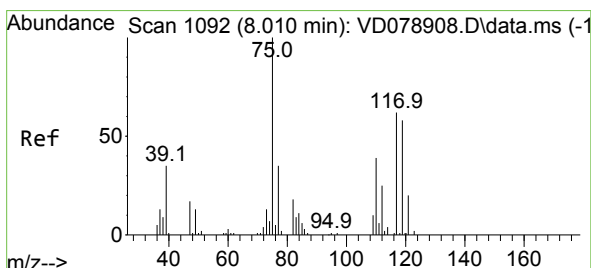
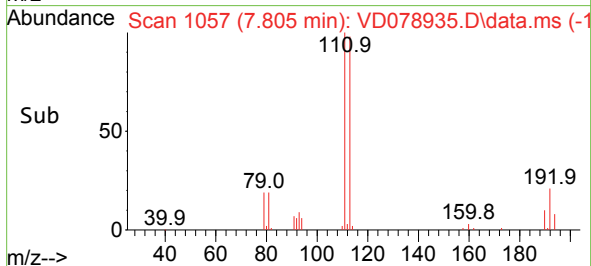
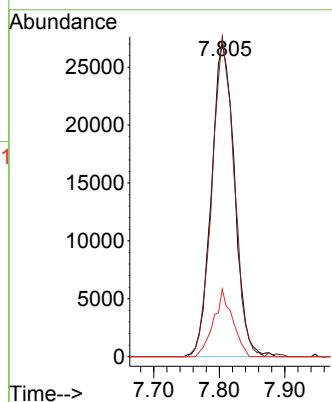
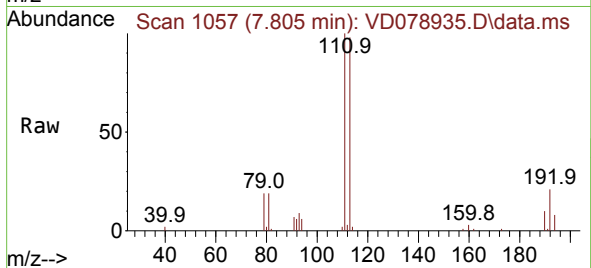
Tgt Ion:113 Resp: 66068

Ion Ratio Lower Upper

113 100

111 97.9 84.0 126.0

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 3.787 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078935.D

Acq: 15 May 2024 17:38

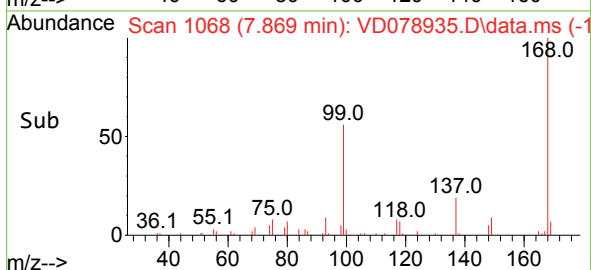
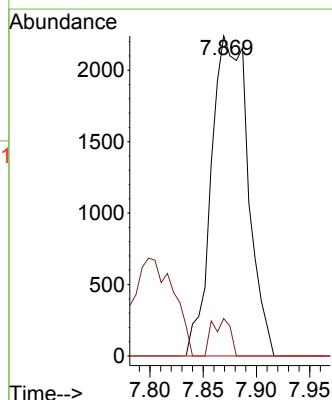
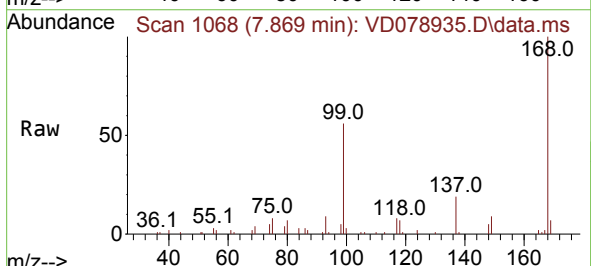
Tgt Ion: 75 Resp: 5352

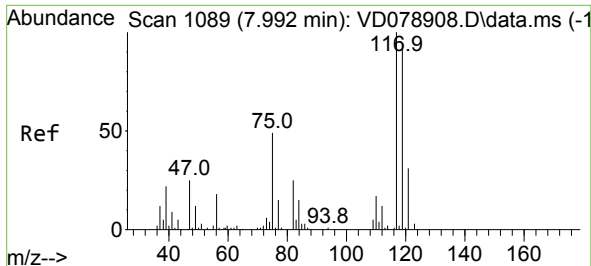
Ion Ratio Lower Upper

75 100

110 5.8 19.6 58.7#

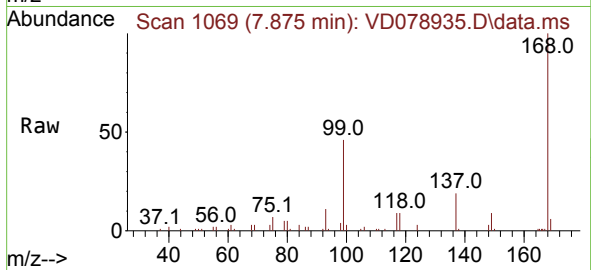
77 0.0 26.1 39.1#



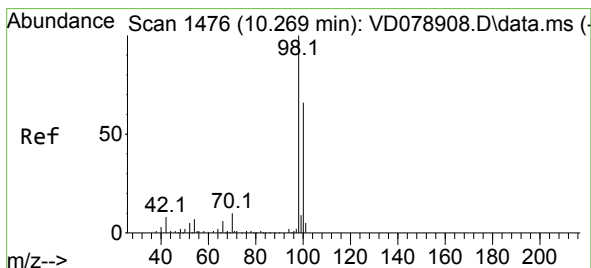
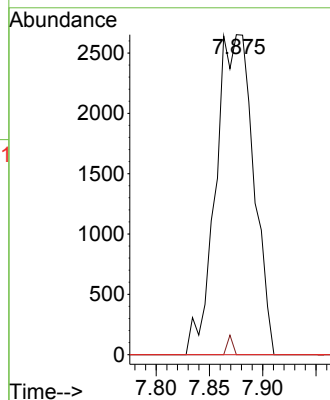
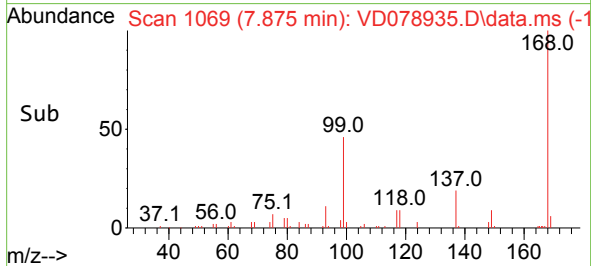


#38
Carbon Tetrachloride
Concen: 3.957 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.117 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Instrument :
MSVOA_D
ClientSampleId :
72-11978

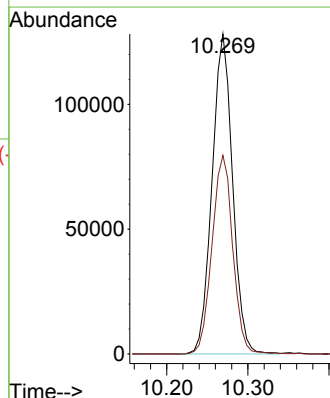
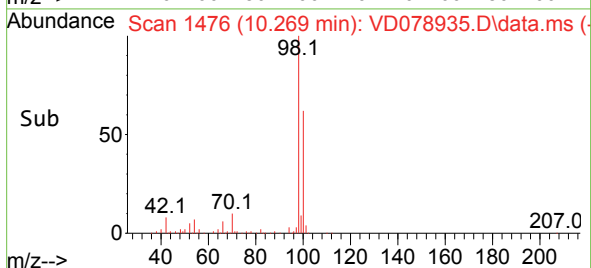
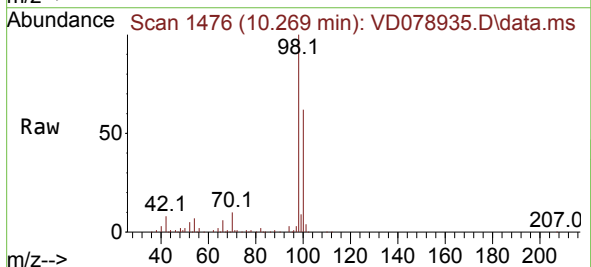


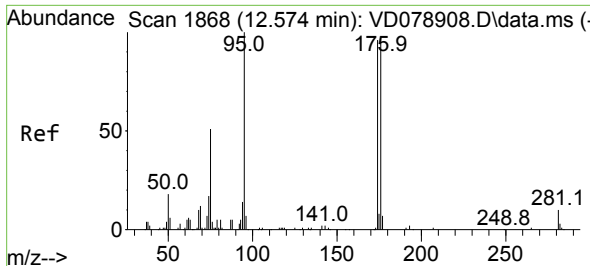
Tgt Ion:117 Resp: 6546
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 52.781 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Tgt Ion: 98 Resp: 224744
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

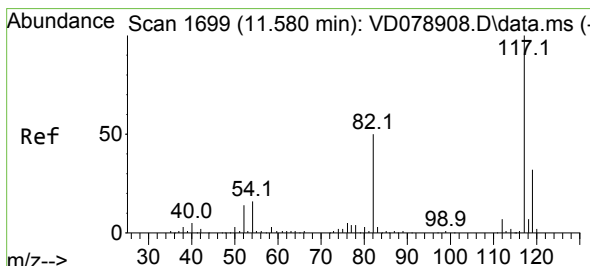
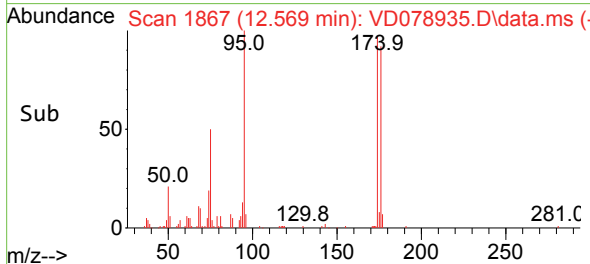
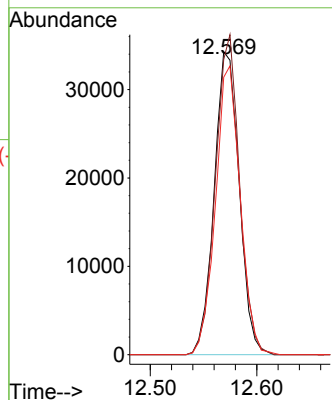
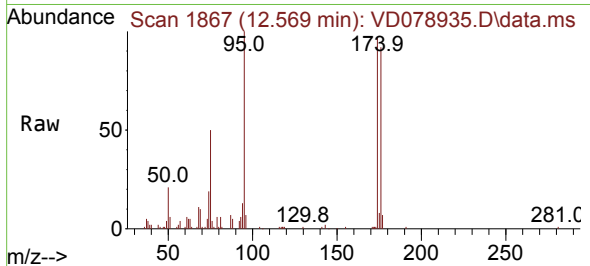




#62
4-Bromofluorobenzene
Concen: 46.747 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.005 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

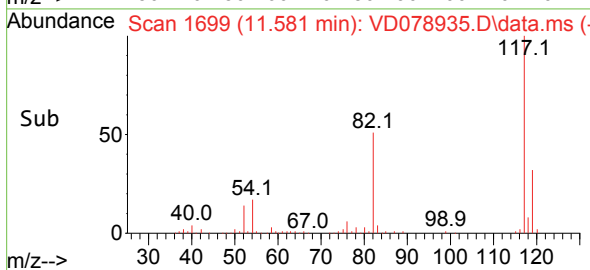
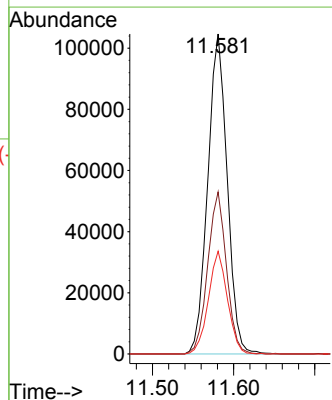
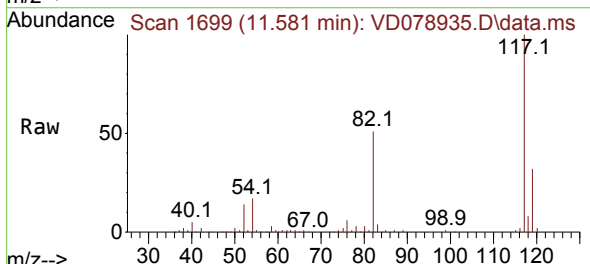
Instrument :
MSVOA_D
ClientSampleId :
72-11978

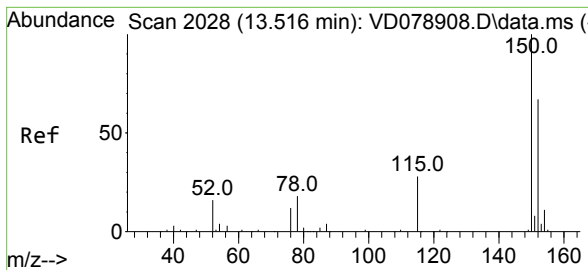
Tgt Ion: 95 Resp: 55919
Ion Ratio Lower Upper
95 100
174 101.8 0.0 195.4
176 94.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Tgt Ion: 117 Resp: 174055
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 32.1 25.7 38.5

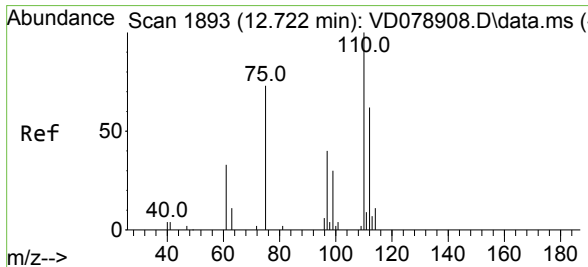
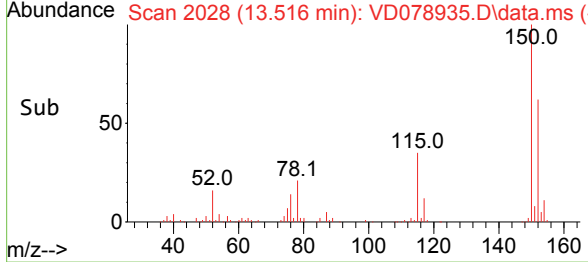
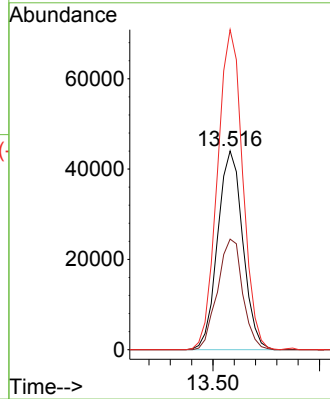
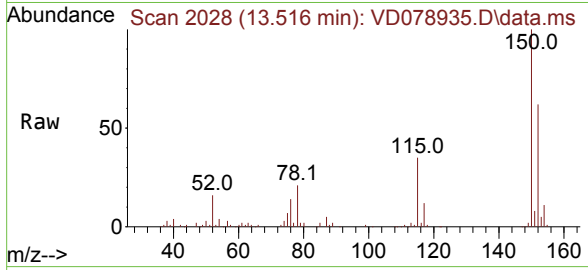




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078935.D
 Acq: 15 May 2024 17:38

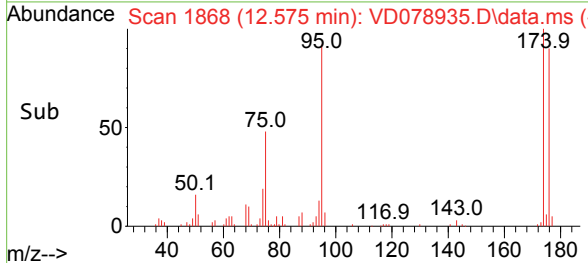
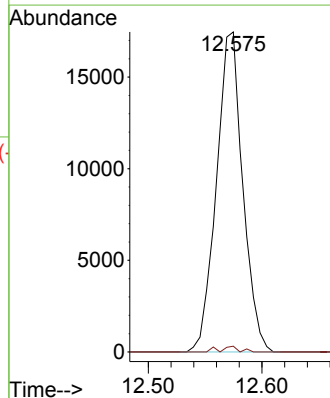
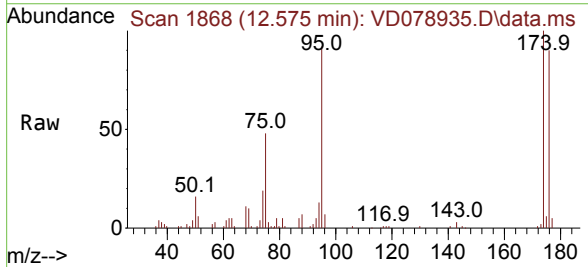
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978

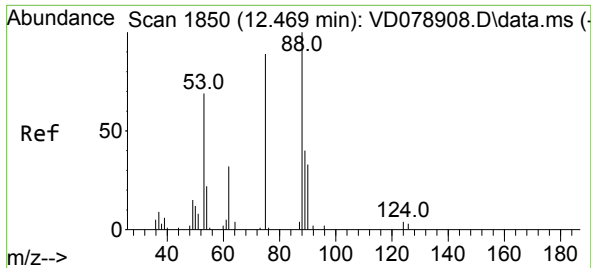
Tgt Ion:152 Resp: 72219
 Ion Ratio Lower Upper
 152 100
 115 55.6 26.5 79.5
 150 161.4 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 55.351 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078935.D
 Acq: 15 May 2024 17:38

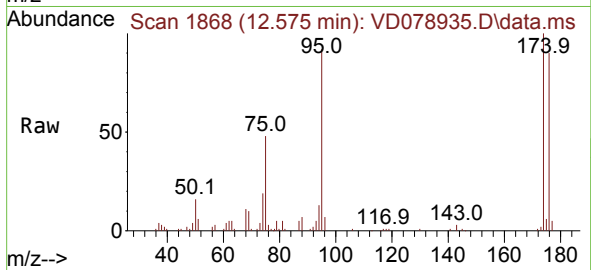
Tgt Ion: 75 Resp: 28142
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.763 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078935.D
Acq: 15 May 2024 17:38

Instrument :
MSVOA_D
ClientSampleId :
72-11978



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

