

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078824.D
 Acq On : 16 Apr 2024 15:27
 Operator : RP/MD
 Sample : P2123-02
 Misc : 2.47G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 22:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

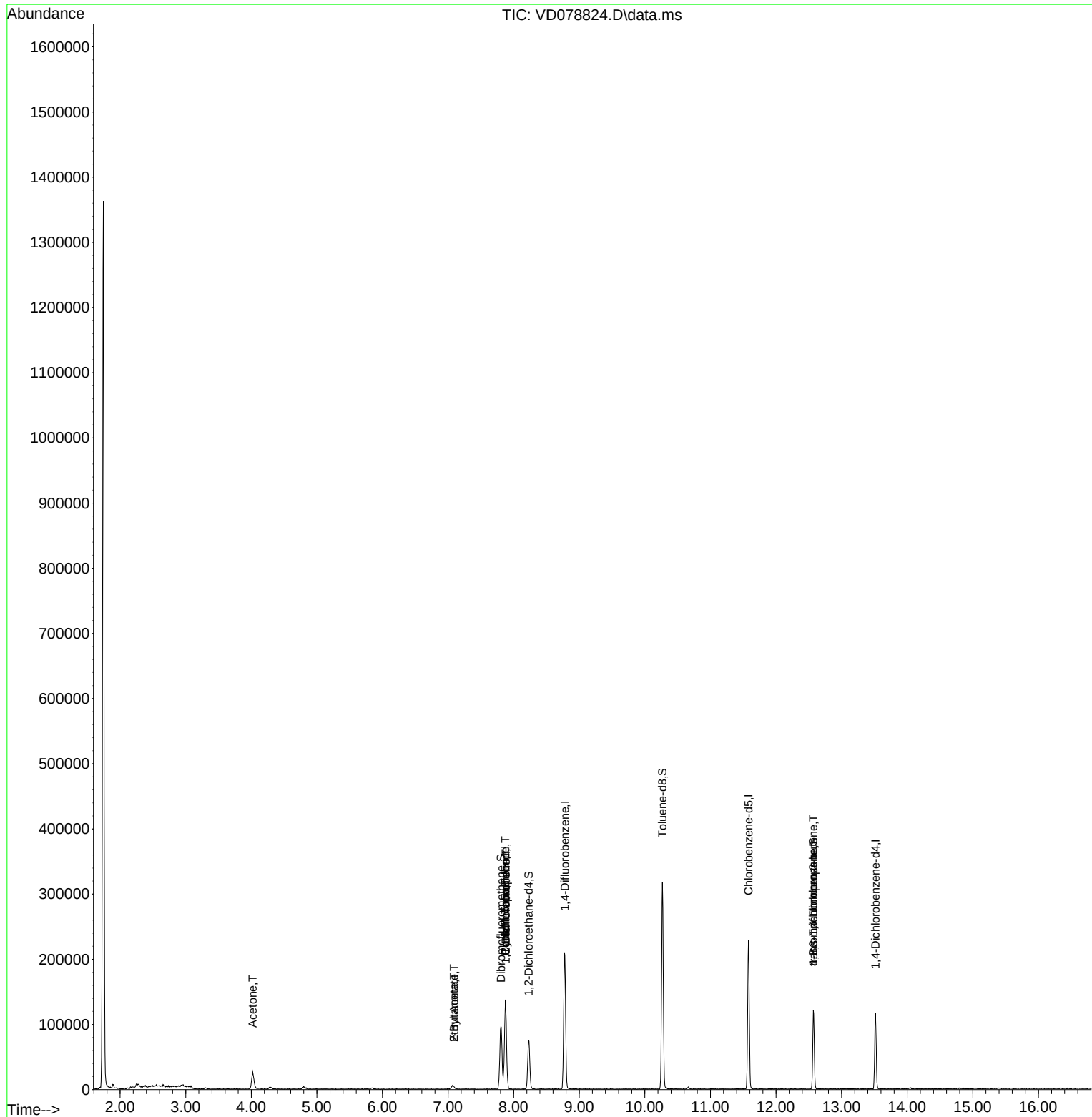
Internal Standards						
1) Pentafluorobenzene	7.875	168	103488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	134192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59017	60.85	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.70%
35) Dibromofluoromethane	7.810	113	70141	56.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.18%
50) Toluene-d8	10.269	98	224210	49.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.38%
62) 4-Bromofluorobenzene	12.569	95	34791	26.09	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.18%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	40405	215.44	ug/l	90
20) Methylene Chloride	4.799	84	2779	Below Cal	#	77
25) 2-Butanone	7.093	43	3630	14.56	ug/l #	70
31) Cyclohexane	7.875	56	2313	1.42	ug/l #	45
36) 1,1-Dichloropropene	7.881	75	8435	4.69	ug/l #	47
37) Ethyl Acetate	7.093	43	3630	6.18	ug/l #	66
38) Carbon Tetrachloride	7.875	117	10245	5.40	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	18790	75.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18790	158.47	ug/l #	19

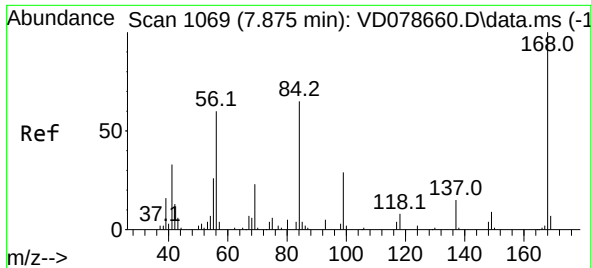
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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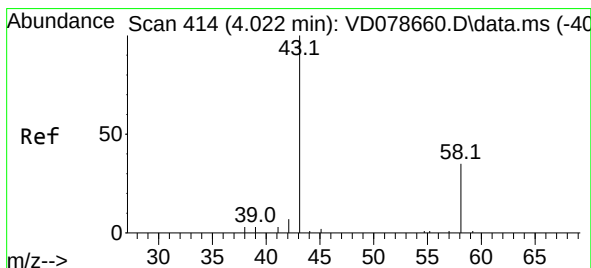
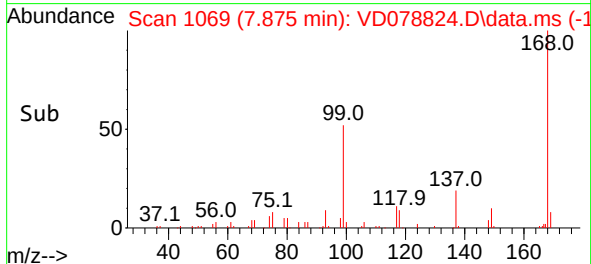
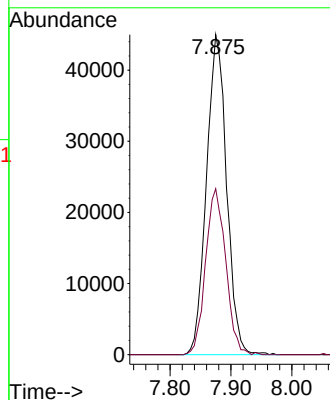
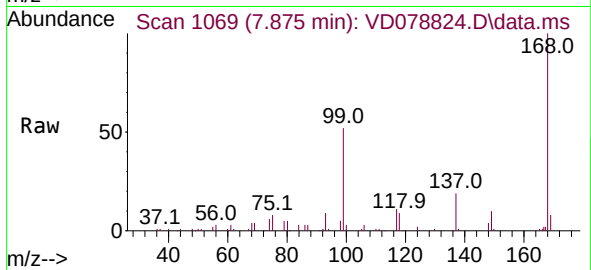




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

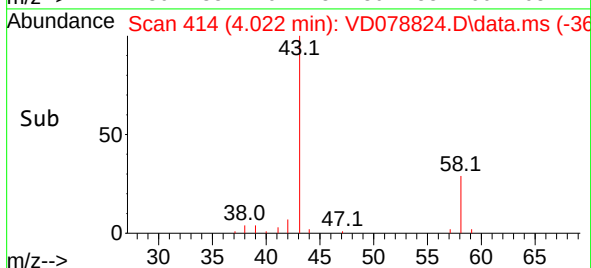
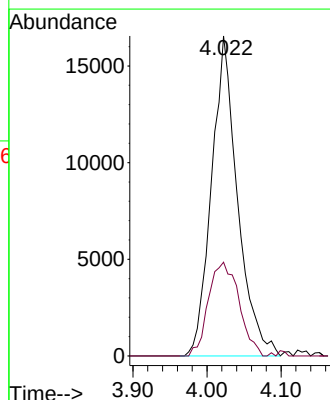
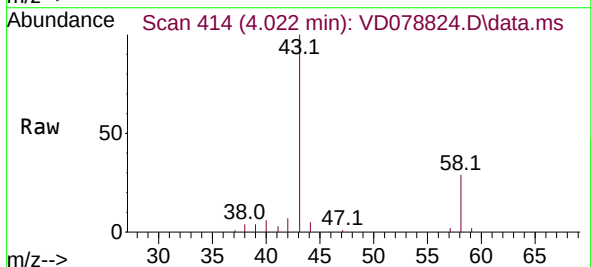
Instrument :
MSVOA_D
ClientSampleId :

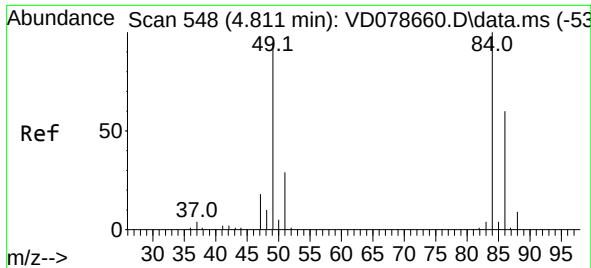
Tgt Ion:168 Resp: 103488
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#16
Acetone
Concen: 215.44 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

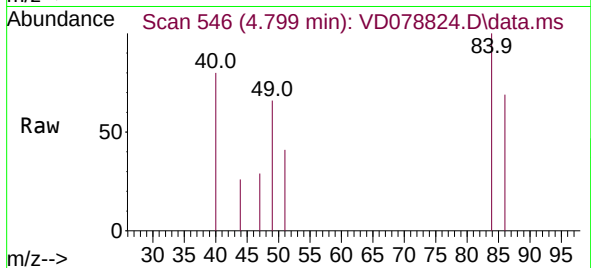
Tgt Ion: 43 Resp: 40405
Ion Ratio Lower Upper
43 100
58 29.3 28.2 42.4



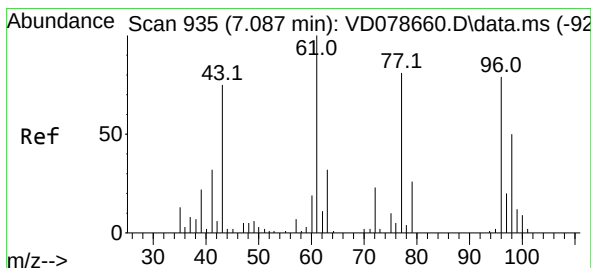
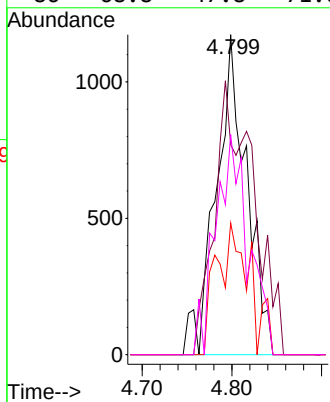
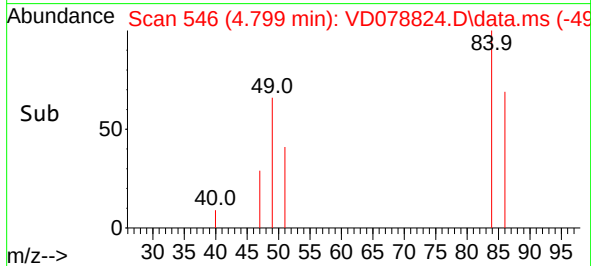


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 548
Delta R.T. -0.012 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

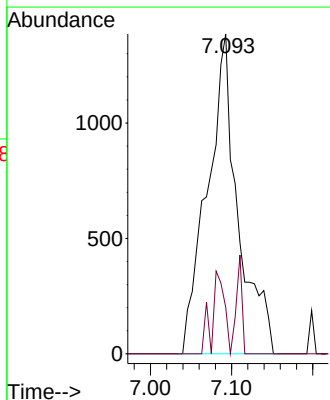
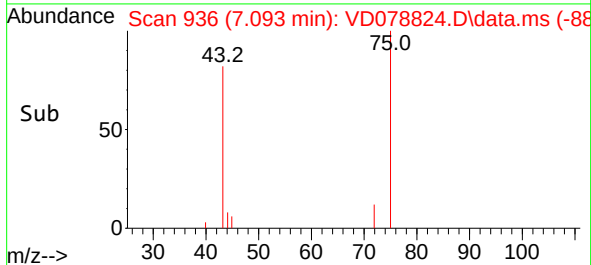
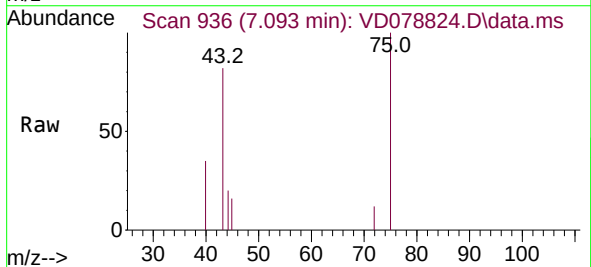


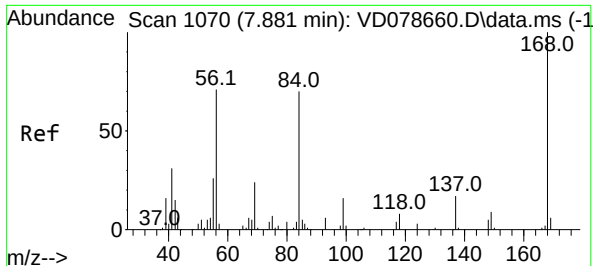
Tgt Ion: 84	Resp: 2779
Ion Ratio	Lower Upper
84 100	
49 65.6	75.6 113.4#
51 41.2	23.4 35.0#
86 68.8	47.8 71.6



#25
2-Butanone
Concen: 14.56 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

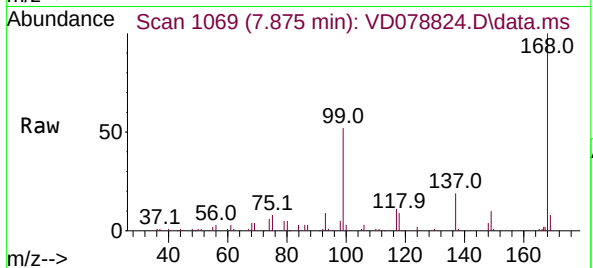
Tgt Ion: 43	Resp: 3630
Ion Ratio	Lower Upper
43 100	
72 14.6	25.0 37.6#



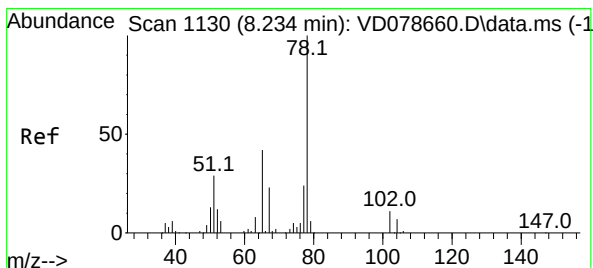
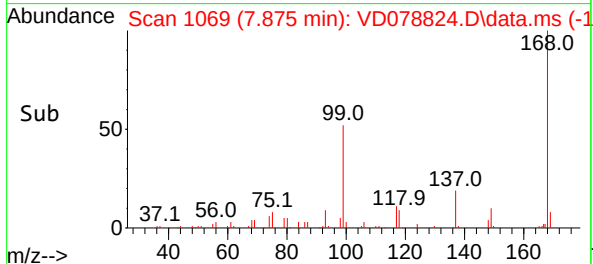
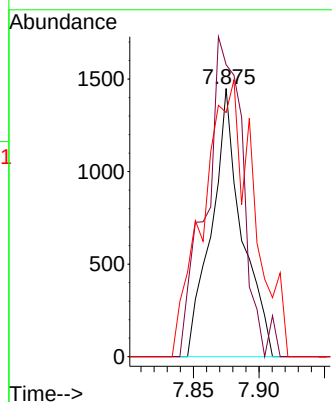


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

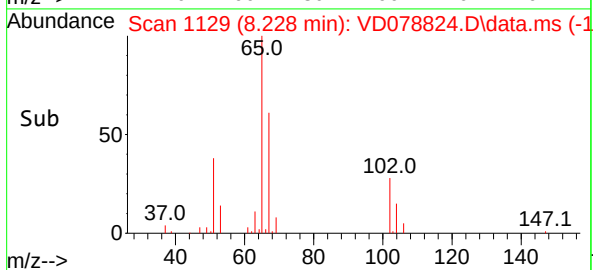
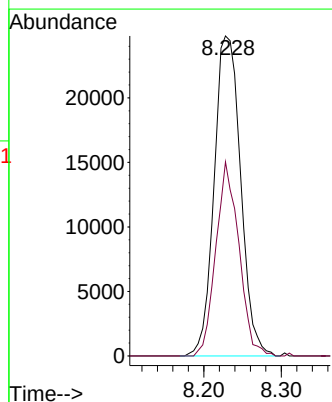
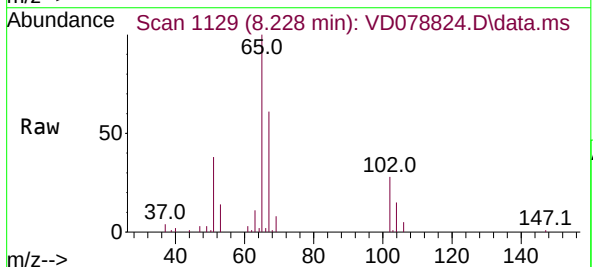


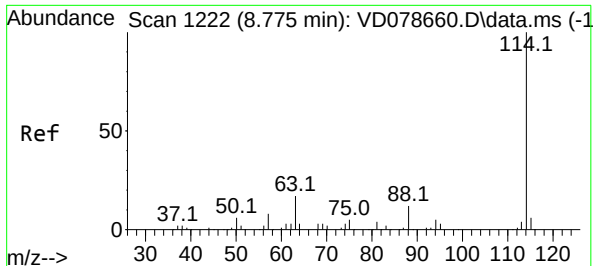
Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
69 108.9 26.6 40.0#
84 70.5 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 60.85 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Tgt Ion: 65 Resp: 59017
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

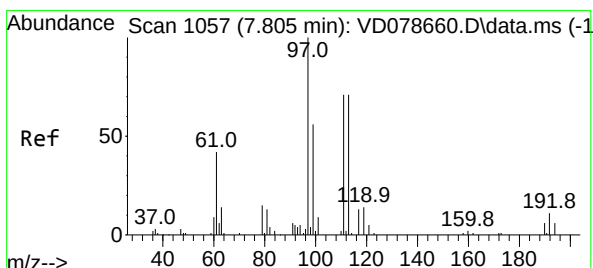
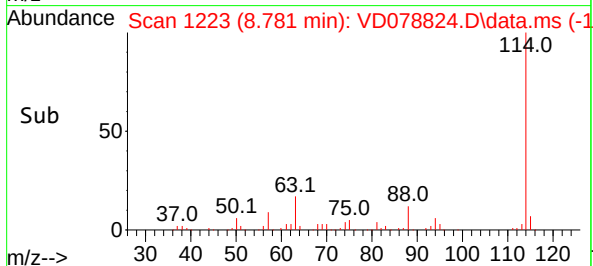
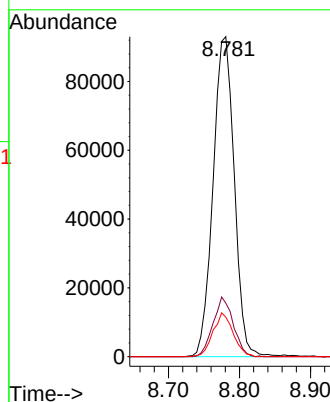
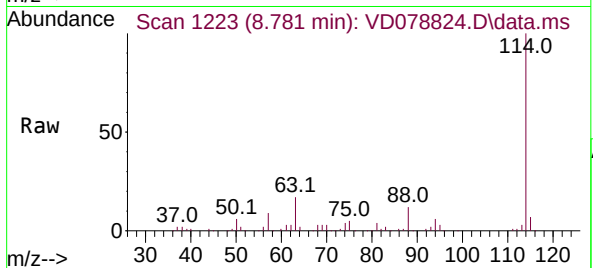
Tgt Ion:114 Resp: 192508

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 56.59 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

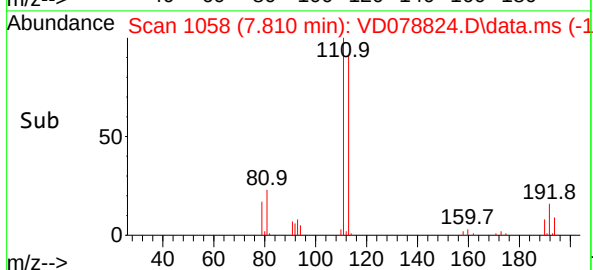
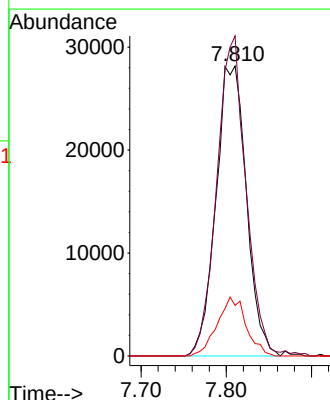
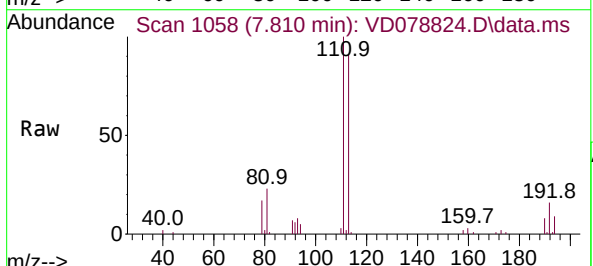
Tgt Ion:113 Resp: 70141

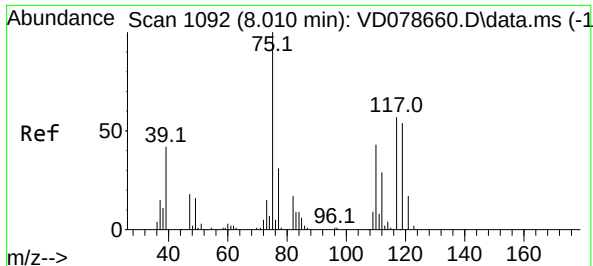
Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

192 19.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.69 ug/l

RT: 7.881 min Scan# 1092

Delta R.T. -0.130 min

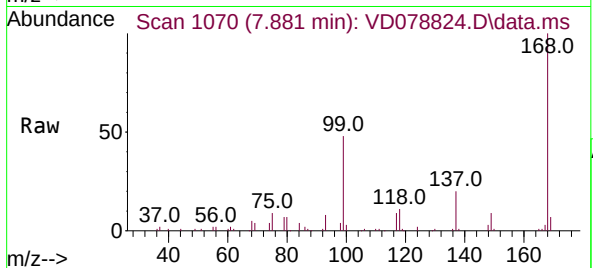
Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

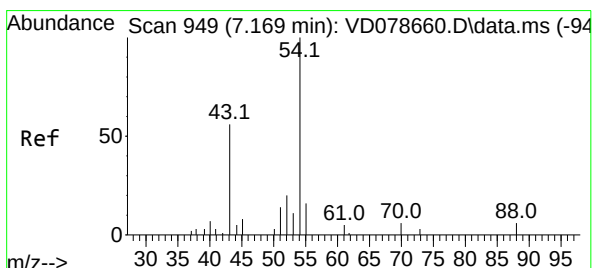
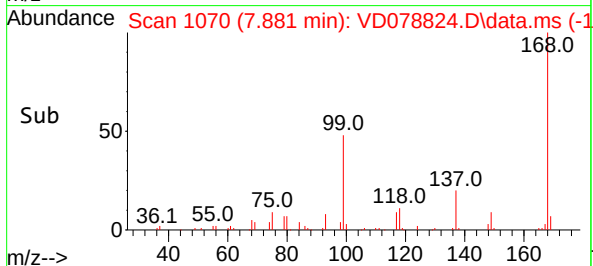
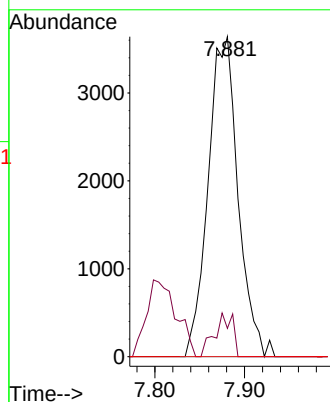
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	8435
Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.1	57.1#
77	0.0	25.4	38.2#



#37

Ethyl Acetate

Concen: 6.18 ug/l

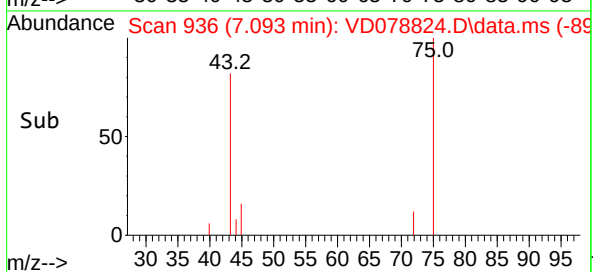
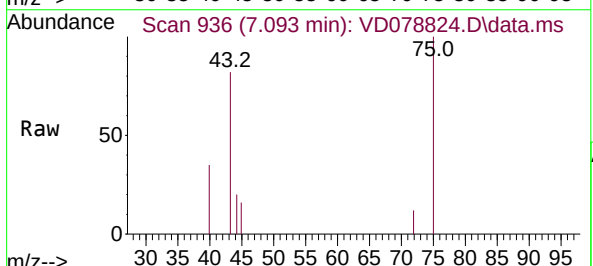
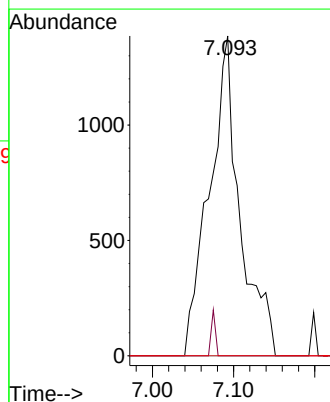
RT: 7.093 min Scan# 936

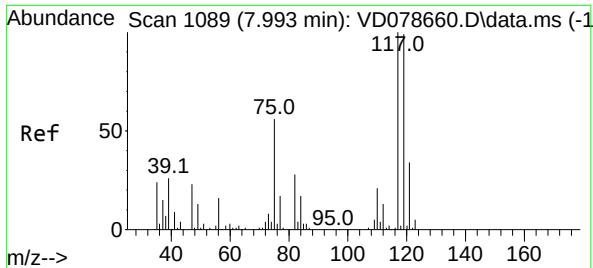
Delta R.T. -0.077 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

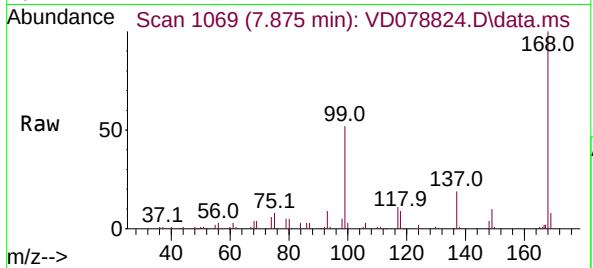
Tgt Ion:	43	Resp:	3630
Ion	Ratio	Lower	Upper
43	100		
61	1.9	14.6	21.8#
70	0.0	9.4	14.0#



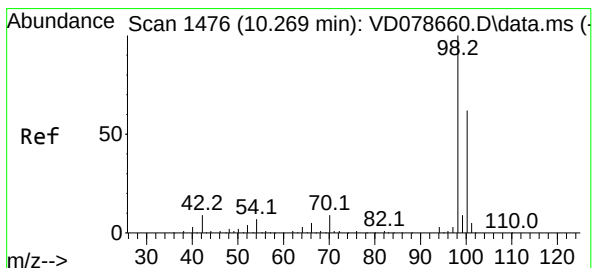
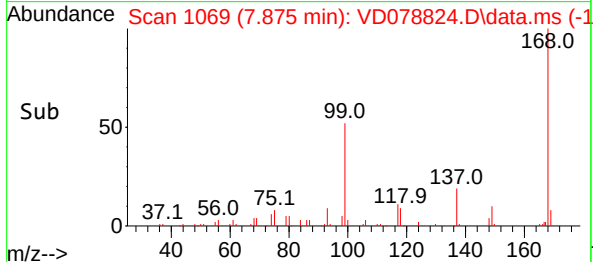
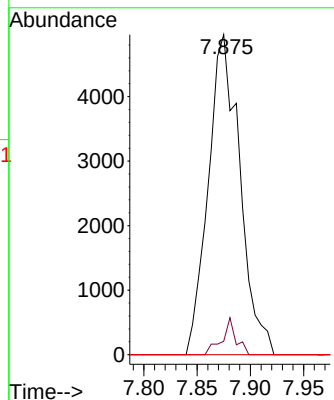


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

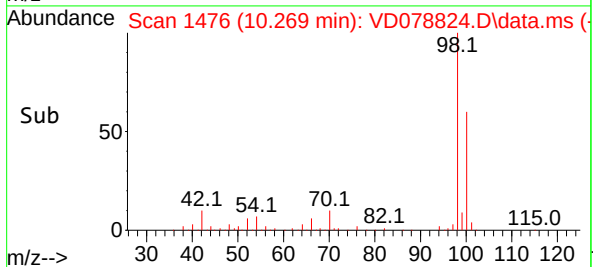
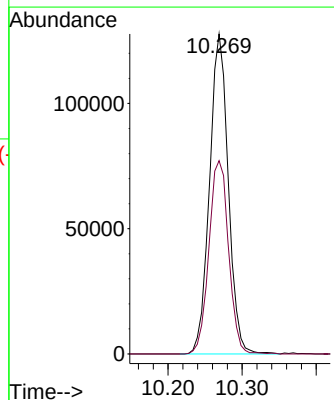
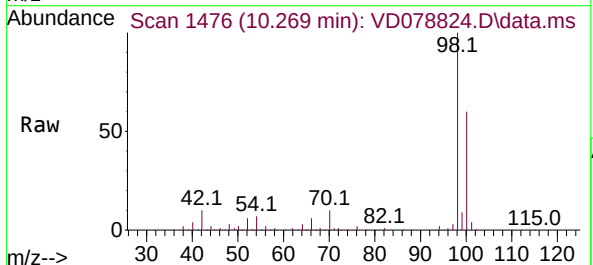


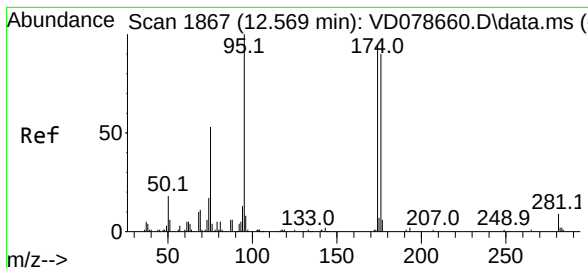
Tgt Ion:117 Resp: 10245
Ion Ratio Lower Upper
117 100
119 4.2 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

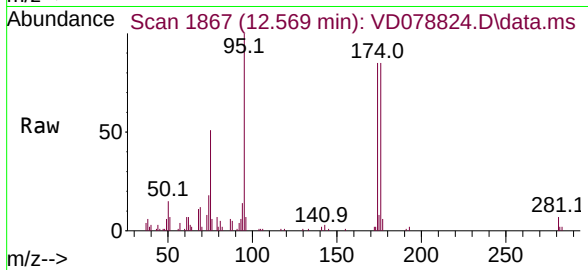
Tgt Ion: 98 Resp: 224210
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



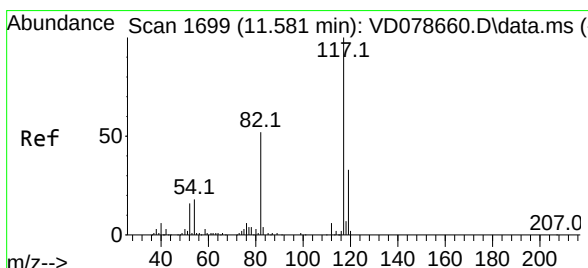
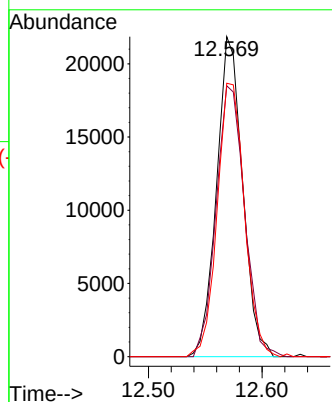
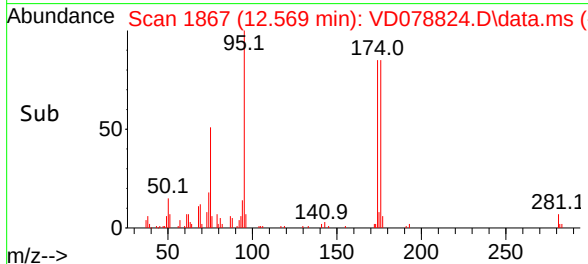


#62
4-Bromofluorobenzene
Concen: 26.09 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

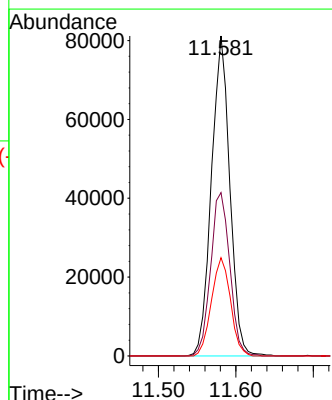
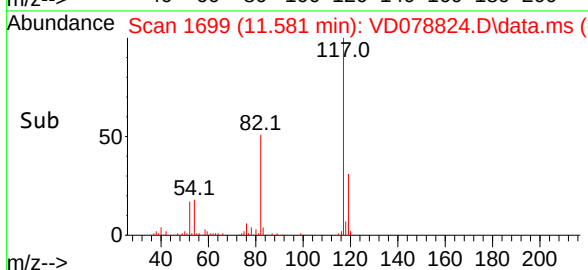
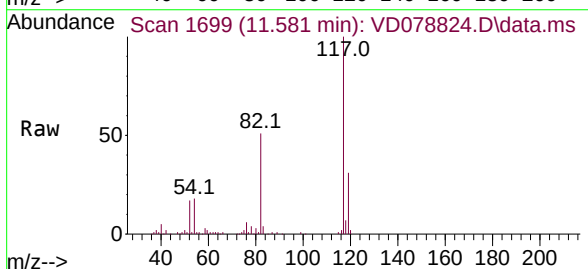


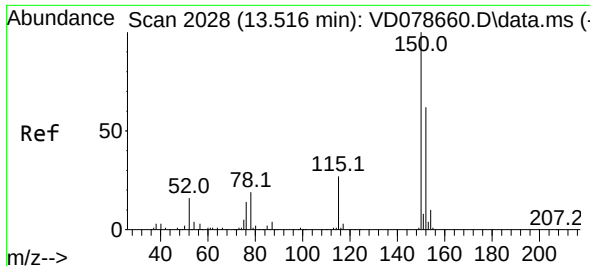
Tgt Ion: 95 Resp: 34791
Ion Ratio Lower Upper
95 100
174 92.3 0.0 195.2
176 89.6 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

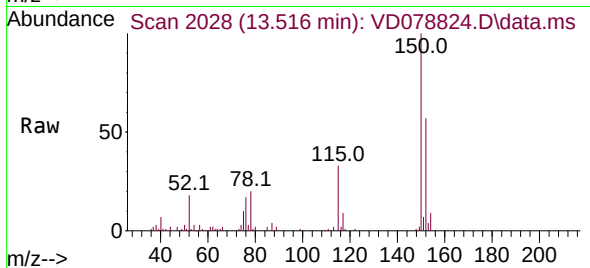
Tgt Ion: 117 Resp: 134192
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.2
119 30.7 26.5 39.7



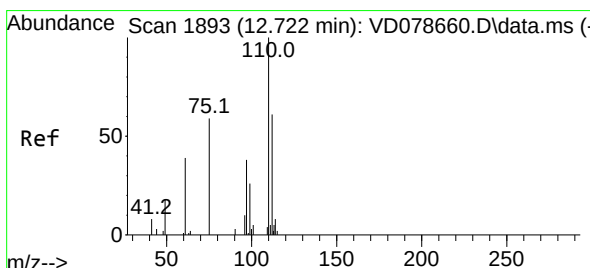
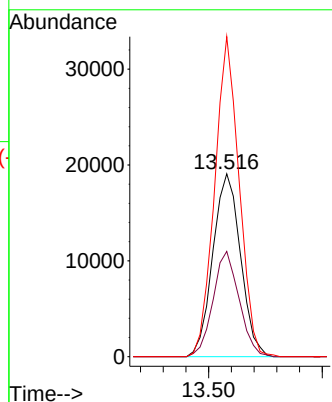
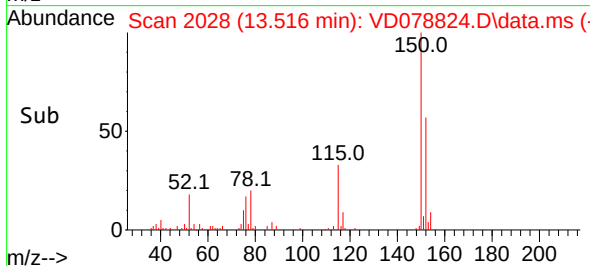


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078824.D
 Acq: 16 Apr 2024 15:27

Instrument :
 MSVOA_D
 ClientSampleId :

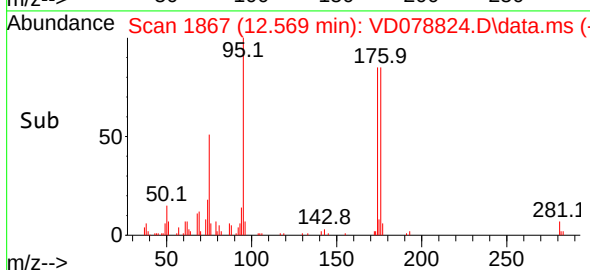
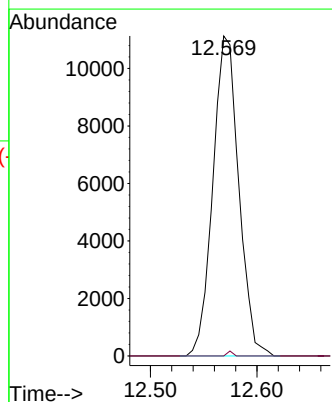
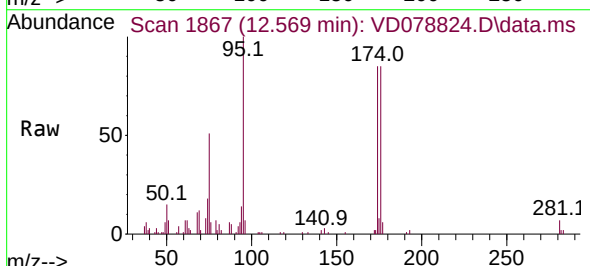


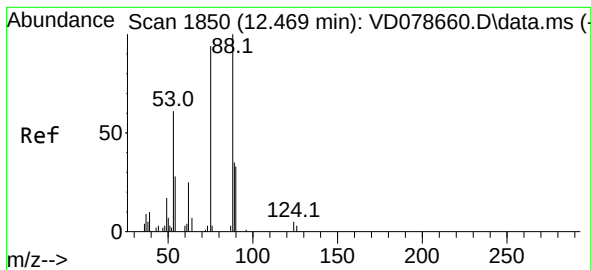
Tgt Ion:152 Resp: 32260
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.1 81.2
 150 154.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 75.60 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078824.D
 Acq: 16 Apr 2024 15:27

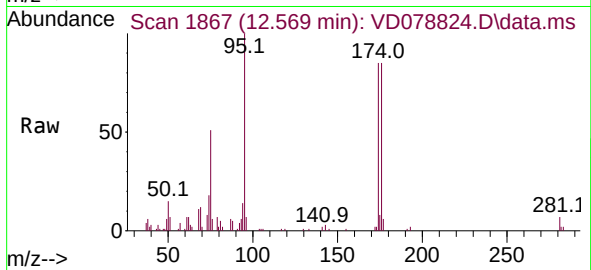
Tgt Ion: 75 Resp: 18790
 Ion Ratio Lower Upper
 75 100
 77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 158.47 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078824.D
 Acq: 16 Apr 2024 15:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	18790
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

