

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078876.D
 Acq On : 07 May 2024 13:21
 Operator : RP/MD
 Sample : P2312-02
 Misc : 5.69G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 08 04:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

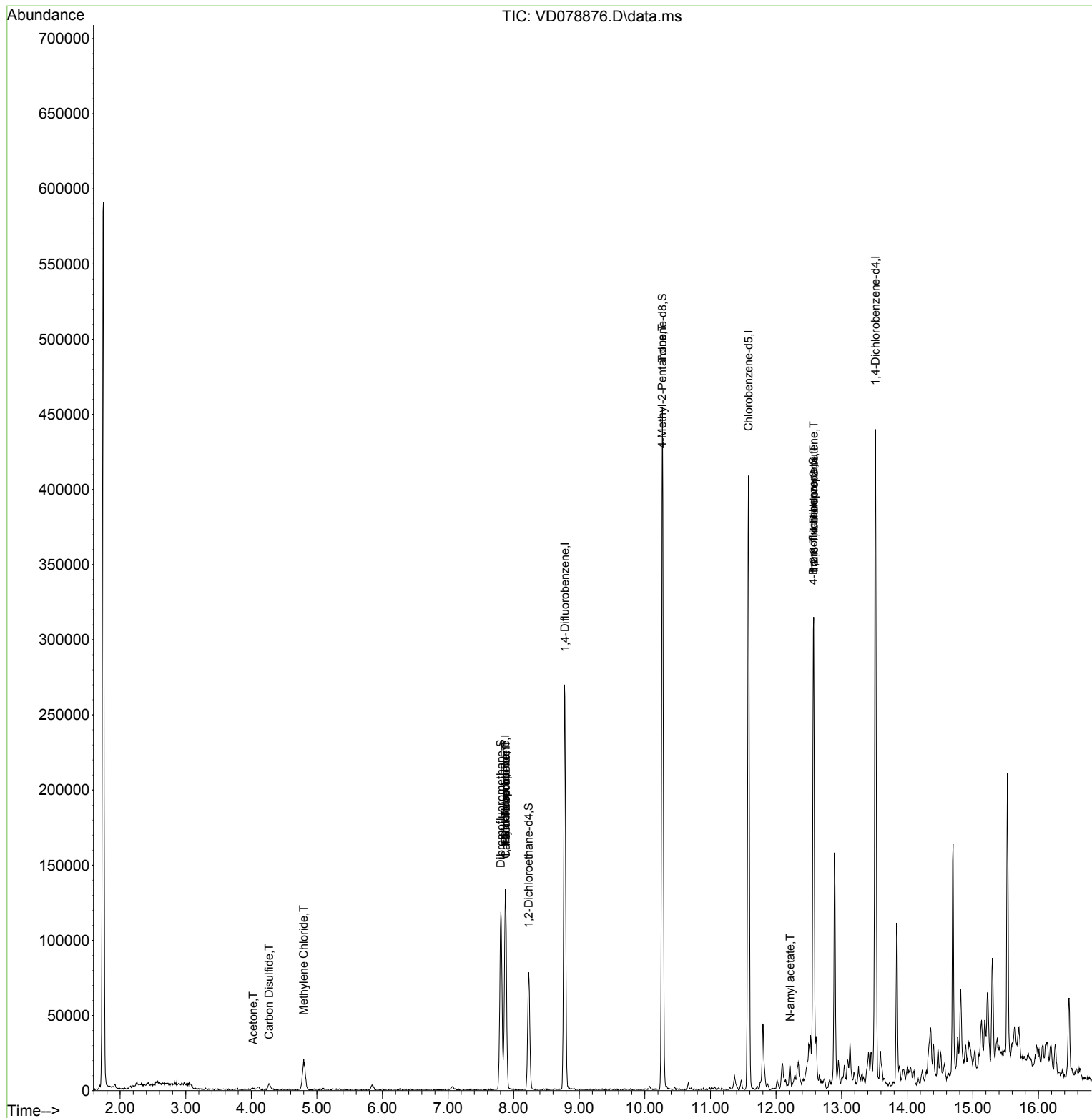
Internal Standards						
1) Pentafluorobenzene	7.875	168	106316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	251113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60641	51.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.804	113	84597	45.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.760%	
50) Toluene-d8	10.269	98	317034	44.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.620%	
62) 4-Bromofluorobenzene	12.569	95	96433	47.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1550	8.808	ug/l #	39
17) Carbon Disulfide	4.269	76	7808	1.878	ug/l #	94
20) Methylene Chloride	4.799	84	16566	9.429	ug/l	91
31) Cyclohexane	7.875	56	2054	1.172	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	7477	3.153	ug/l #	49
38) Carbon Tetrachloride	7.881	117	10522	3.854	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1124	1.463	ug/l #	1
74) N-amyl acetate	12.216	43	2110	1.586	ug/l #	40
76) 1,2,3-Trichloropropane	12.575	75	48063	48.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48063	95.153	ug/l #	19

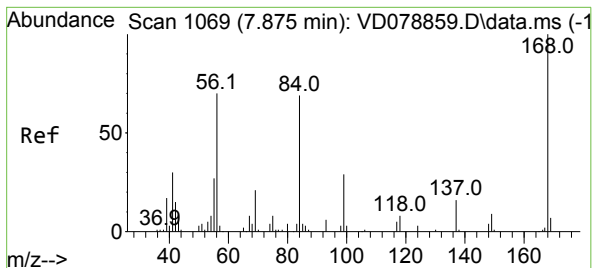
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

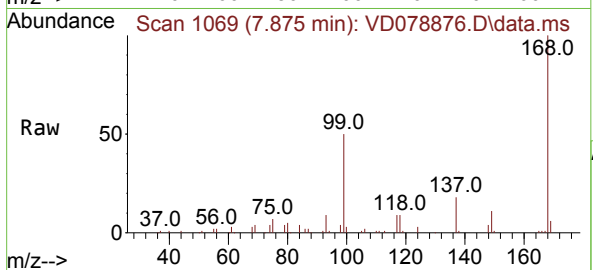
Lab File: VD078876.D

Acq: 07 May 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

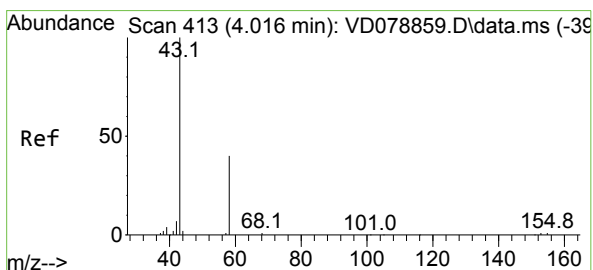
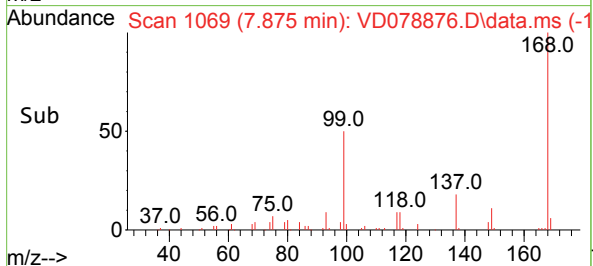
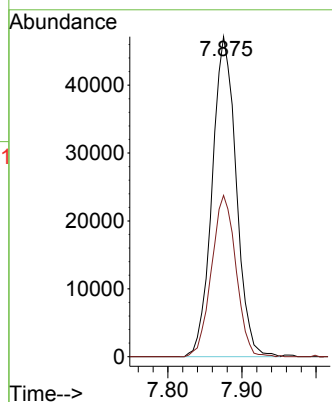


Tgt Ion:168 Resp: 106316

Ion Ratio Lower Upper

168 100

99 50.4 38.8 58.2



#16

Acetone

Concen: 8.808 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD078876.D

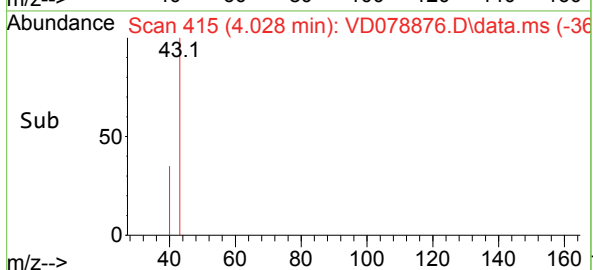
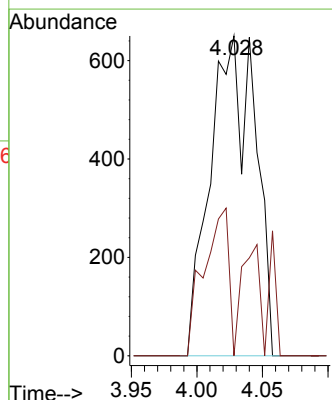
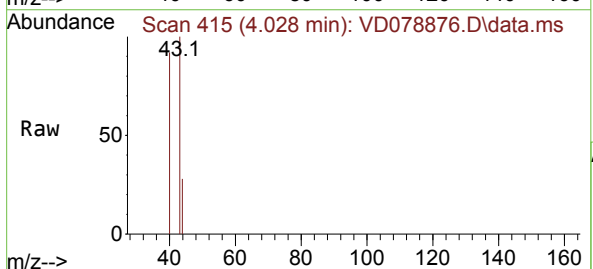
Acq: 07 May 2024 13:21

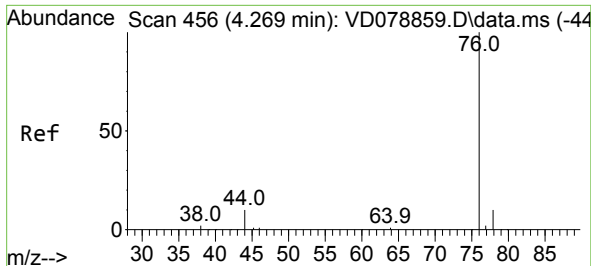
Tgt Ion: 43 Resp: 1550

Ion Ratio Lower Upper

43 100

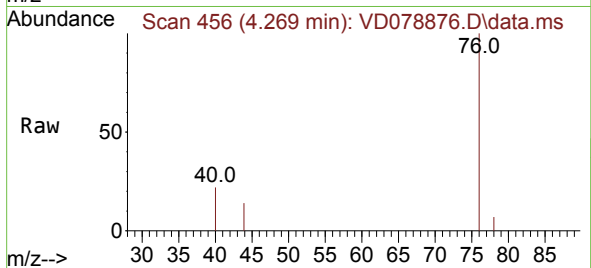
58 0.0 28.2 42.4#



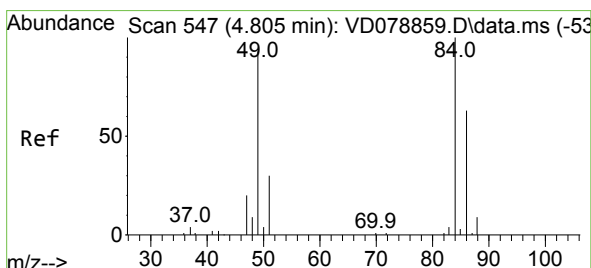
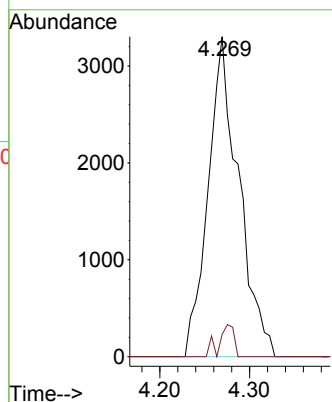
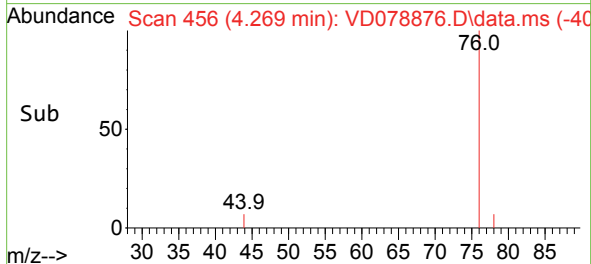


#17
Carbon Disulfide
Concen: 1.878 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Instrument :
MSVOA_D
ClientSampleId :

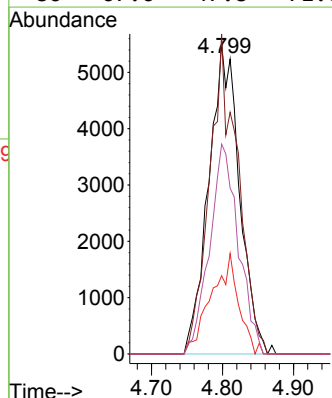
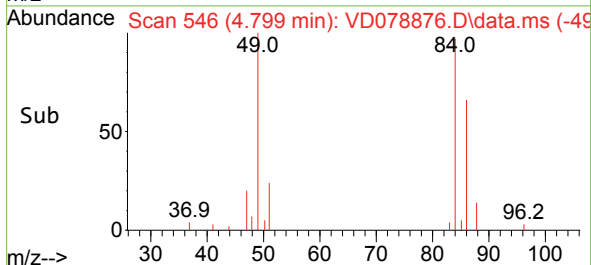
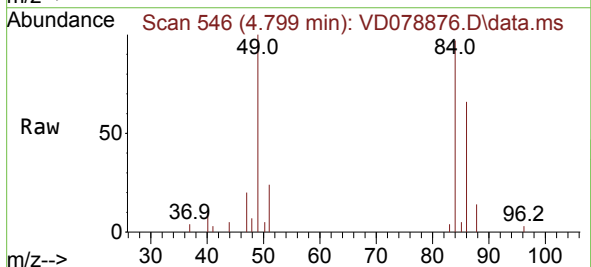


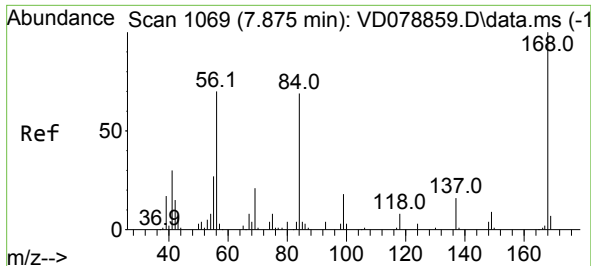
Tgt Ion: 76 Resp: 7808
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#



#20
Methylene Chloride
Concen: 9.429 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

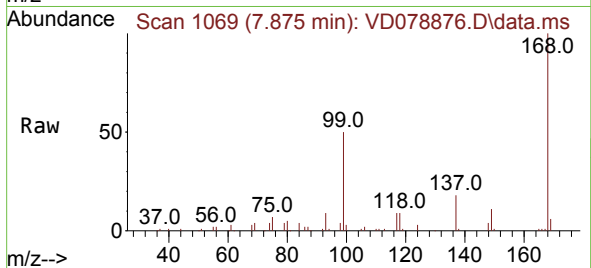
Tgt Ion: 84 Resp: 16566
Ion Ratio Lower Upper
84 100
49 103.1 75.6 113.4
51 25.2 23.4 35.0
86 67.6 47.8 71.6



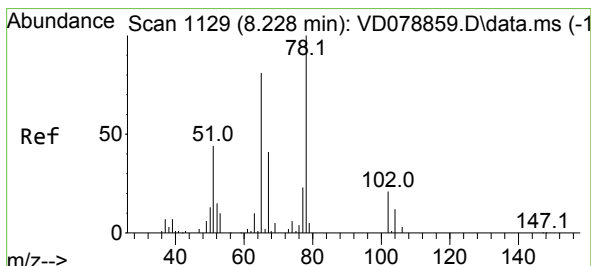
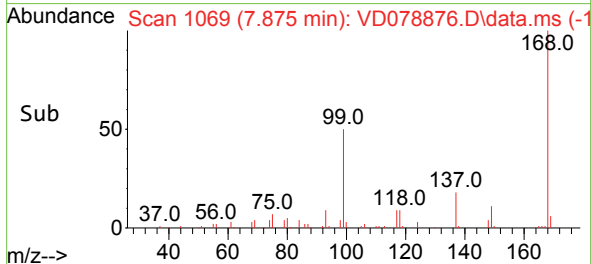
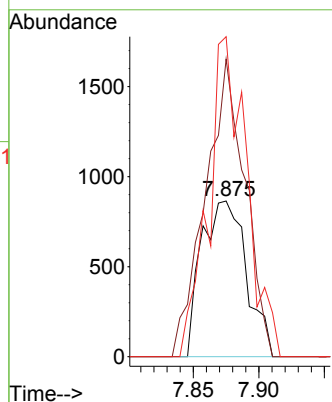


#31
Cyclohexane
Concen: 1.172 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Instrument :
MSVOA_D
ClientSampleId :

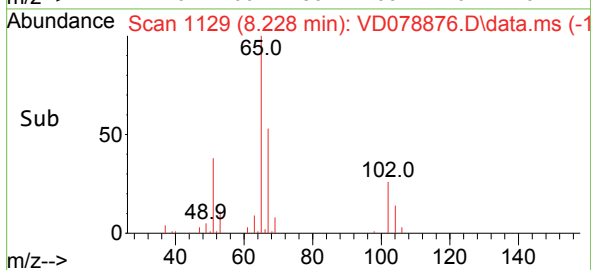
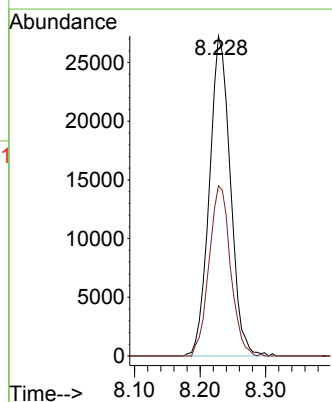
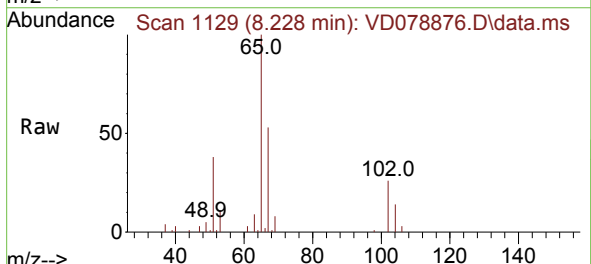


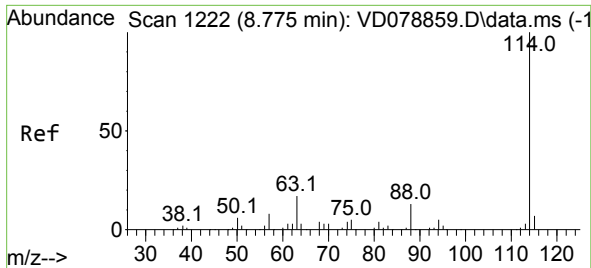
Tgt Ion: 56 Resp: 2054
Ion Ratio Lower Upper
56 100
69 191.1 26.6 40.0#
84 205.4 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 51.388 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 65 Resp: 60641
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078876.D

Acq: 07 May 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

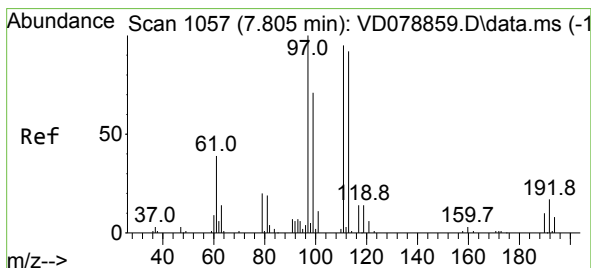
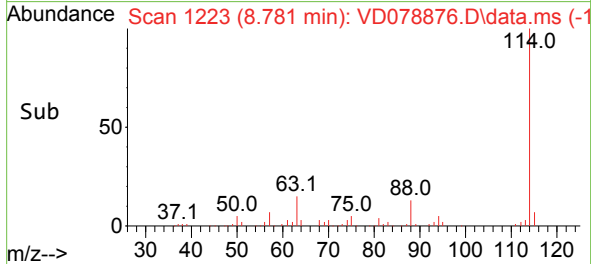
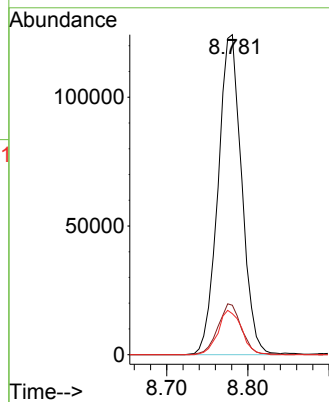
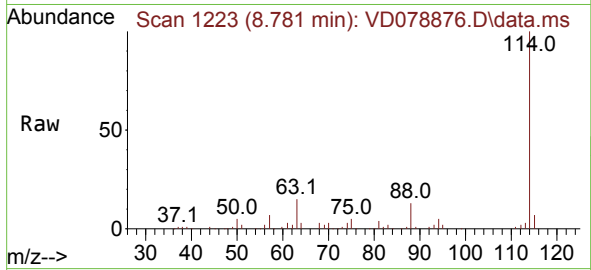
Tgt Ion:114 Resp: 251113

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 12.8 0.0 24.6



#35

Dibromofluoromethane

Concen: 45.883 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078876.D

Acq: 07 May 2024 13:21

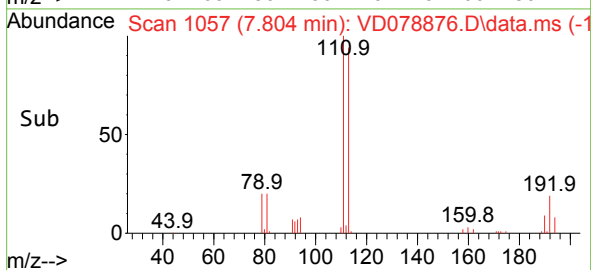
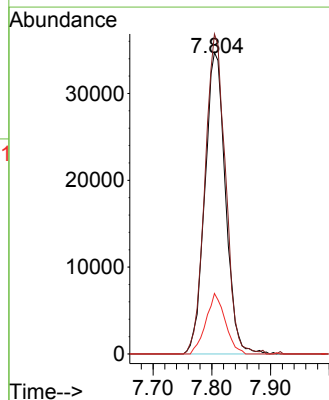
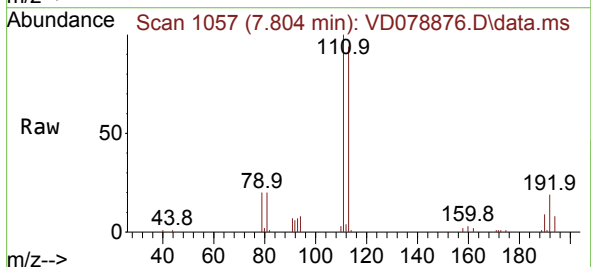
Tgt Ion:113 Resp: 84597

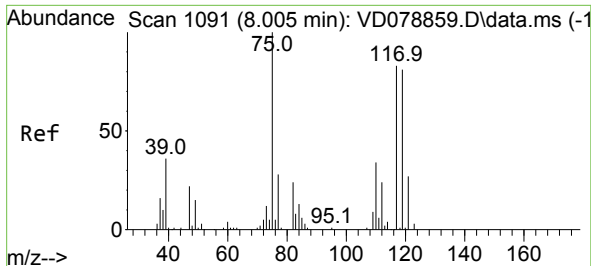
Ion Ratio Lower Upper

113 100

111 105.6 81.9 122.9

192 18.8 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.153 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

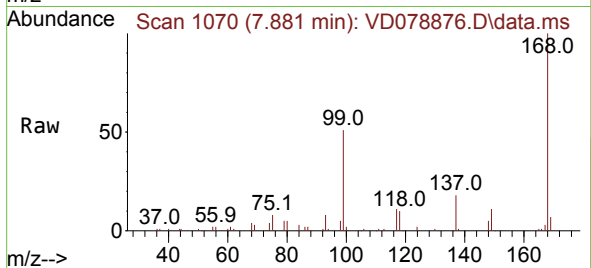
Lab File: VD078876.D

Acq: 07 May 2024 13:21

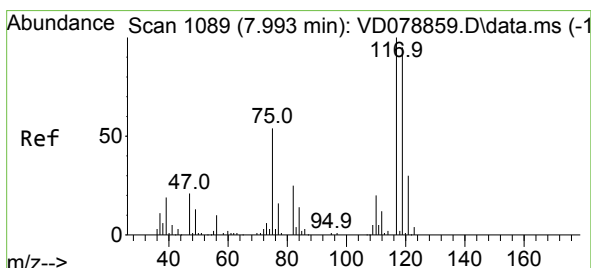
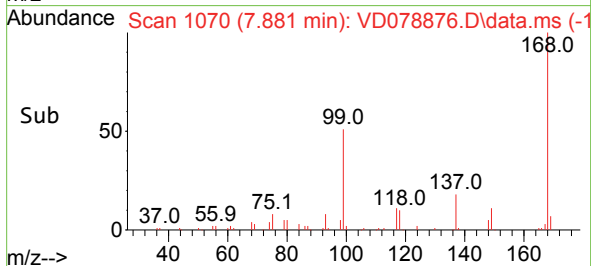
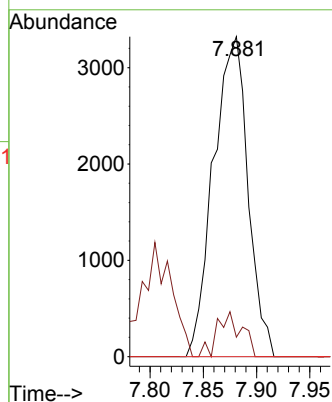
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 7477
Ion Ratio	Lower Upper
75	100
110	9.9 19.1 57.1#
77	0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 3.854 ug/l

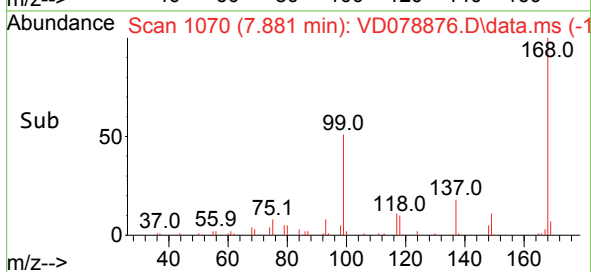
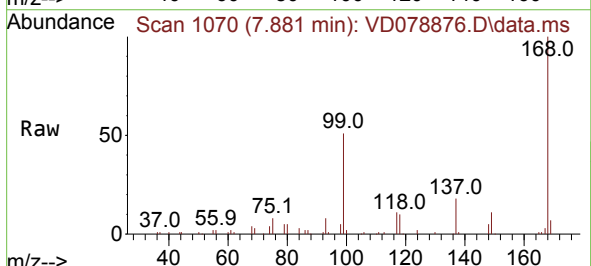
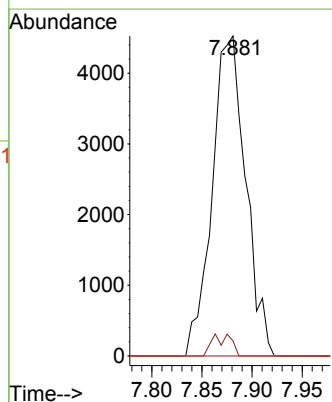
RT: 7.881 min Scan# 1070

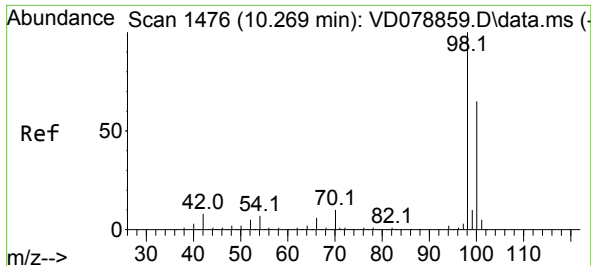
Delta R.T. -0.112 min

Lab File: VD078876.D

Acq: 07 May 2024 13:21

Tgt Ion: 117	Resp: 10522
Ion Ratio	Lower Upper
117	100
119	4.7 79.2 118.8#
121	0.0 26.8 40.2#

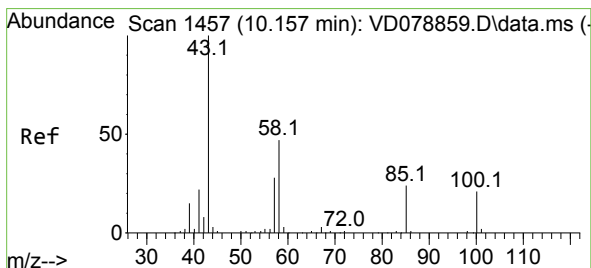
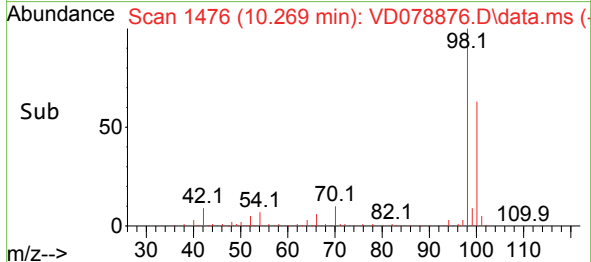
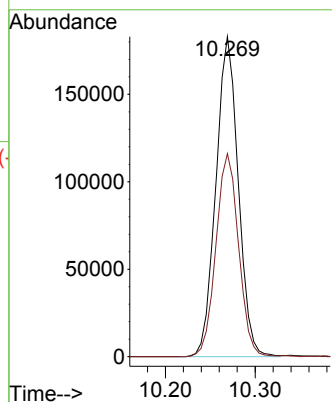
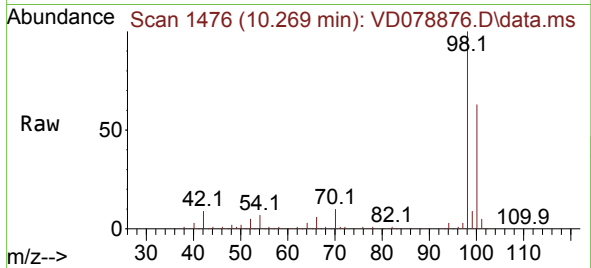




#50
Toluene-d8
Concen: 44.806 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

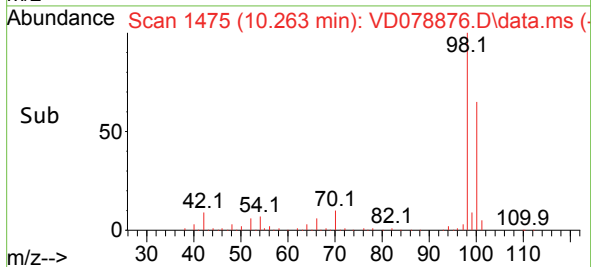
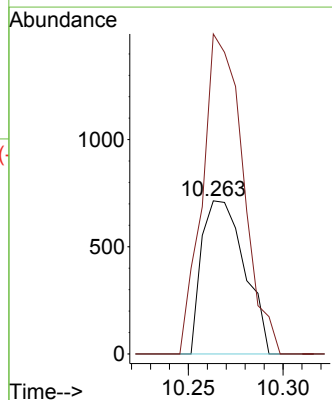
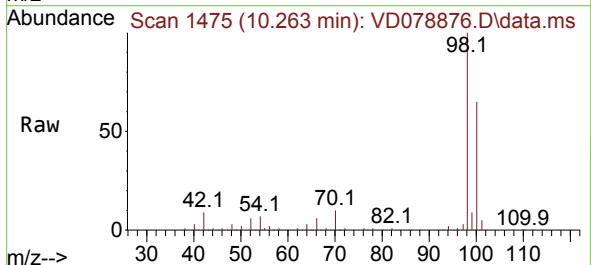
Instrument :
MSVOA_D
ClientSampleId :

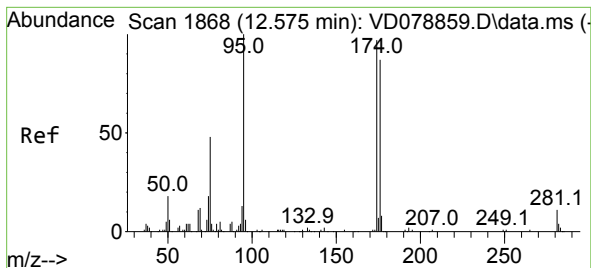
Tgt Ion: 98 Resp: 317034
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.463 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 197.8 36.4 54.6#

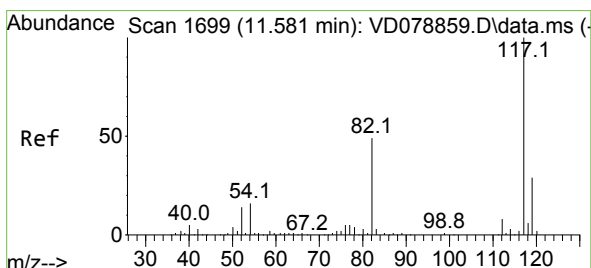
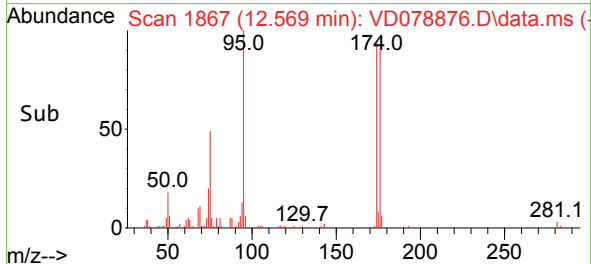
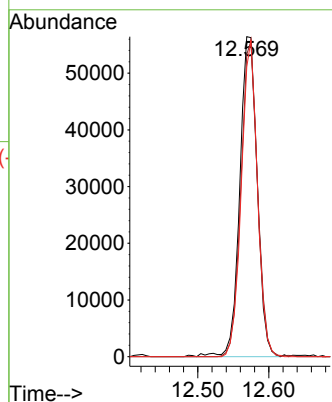
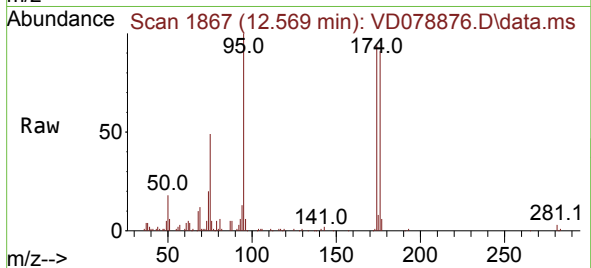




#62
4-Bromofluorobenzene
Concen: 47.620 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

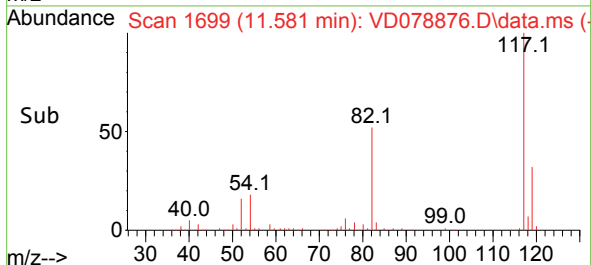
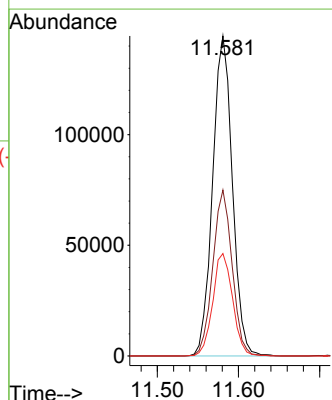
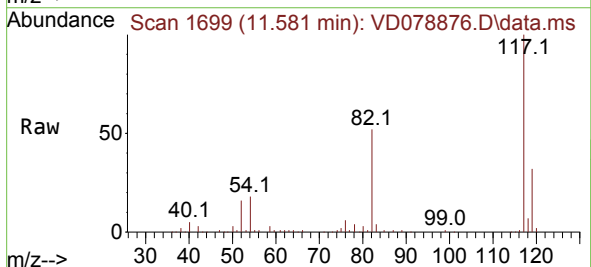
Instrument :
MSVOA_D
ClientSampleId :

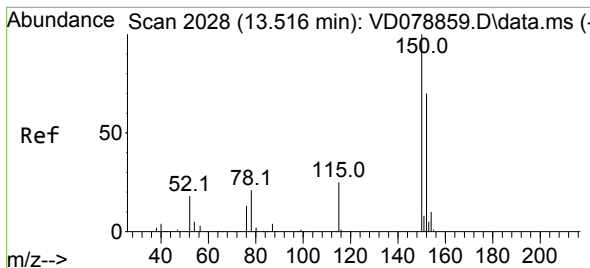
Tgt Ion: 95 Resp: 96433
Ion Ratio Lower Upper
95 100
174 93.7 0.0 195.2
176 90.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 117 Resp: 244410
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 32.0 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

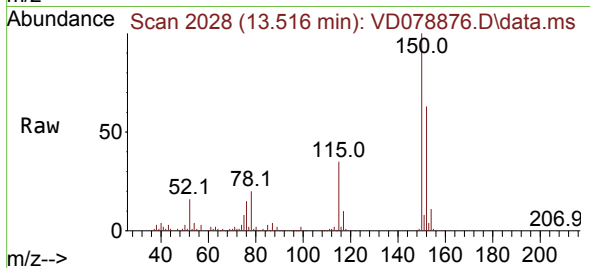
Lab File: VD078876.D

Acq: 07 May 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :



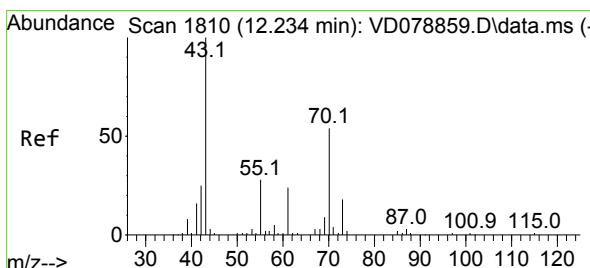
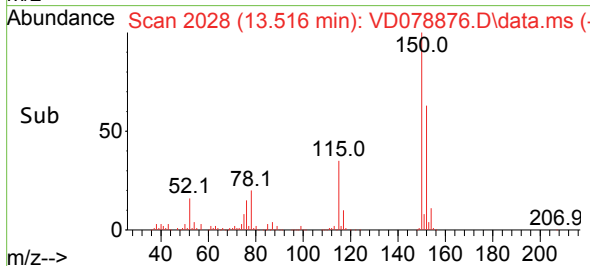
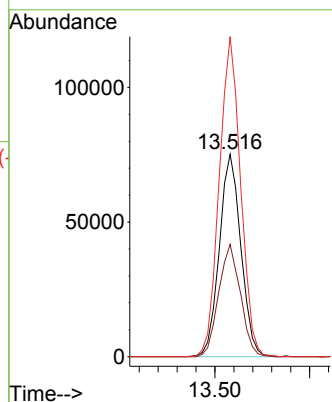
Tgt Ion:152 Resp: 118627

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.2

150 156.7 0.0 350.2



#74

N-ethyl acetate

Concen: 1.586 ug/l

RT: 12.216 min Scan# 1807

Delta R.T. -0.018 min

Lab File: VD078876.D

Acq: 07 May 2024 13:21

Tgt Ion: 43 Resp: 2110

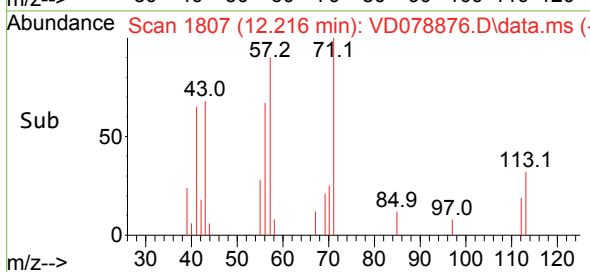
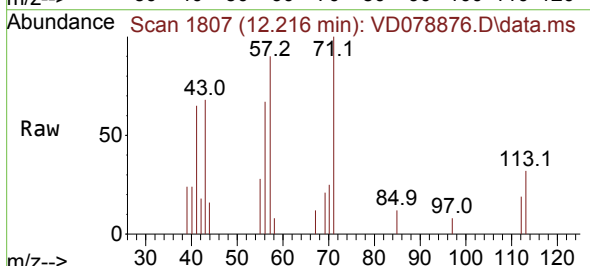
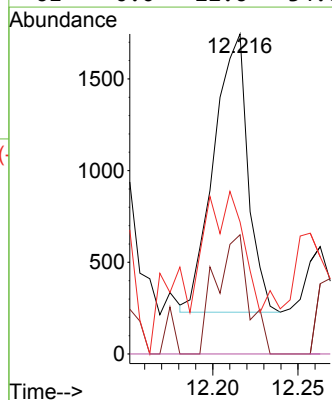
Ion Ratio Lower Upper

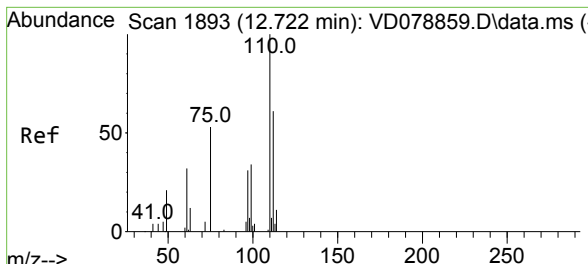
43 100

70 41.5 42.1 63.1#

55 107.3 22.6 33.8#

61 0.0 22.6 34.0#

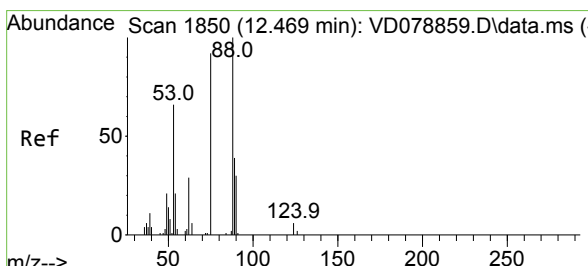
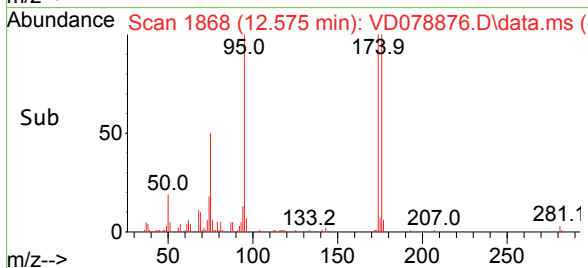
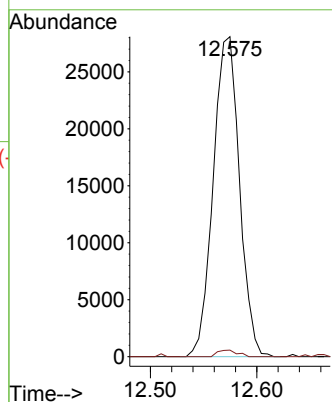
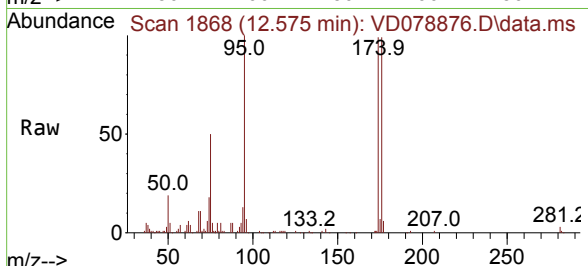




#76
 1,2,3-Trichloropropane
 Concen: 48.700 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078876.D
 Acq: 07 May 2024 13:21

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 48063
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.153 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078876.D
 Acq: 07 May 2024 13:21

Tgt Ion: 75 Resp: 48063
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.0 91.6#
 89 0.0 35.4 53.0#

