

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078930.D
 Acq On : 15 May 2024 15:24
 Operator : RP/MD
 Sample : P2487-03
 Misc : 3.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A-GRAB

Quant Time: May 16 01:25:26 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)

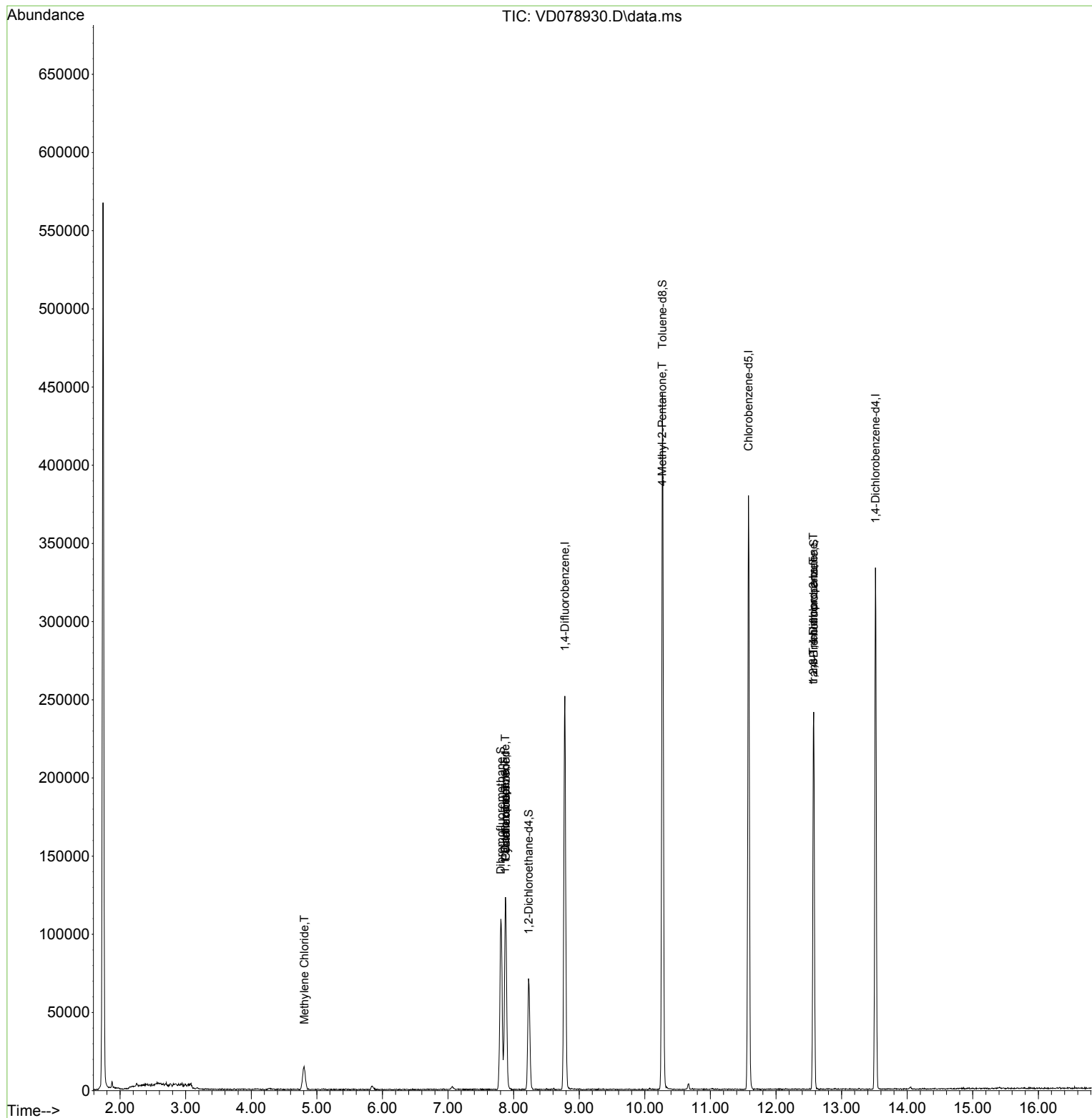
Internal Standards						
1) Pentafluorobenzene	7.881	168	98951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	231019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56272	60.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.260%	
35) Dibromofluoromethane	7.805	113	80720	51.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.920%	
50) Toluene-d8	10.269	98	309127	52.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.575	95	74618	45.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	136	Below Cal	#	12
17) Carbon Disulfide	4.275	76	1018	Below Cal	#	76
20) Methylene Chloride	4.811	84	12048	4.972	ug/l	90
31) Cyclohexane	7.881	56	1862	1.373	ug/l #	21
36) 1,1-Dichloropropene	7.869	75	7148	3.662	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9458	4.141	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	864	1.374	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	36657	54.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	36657	108.812	ug/l #	19

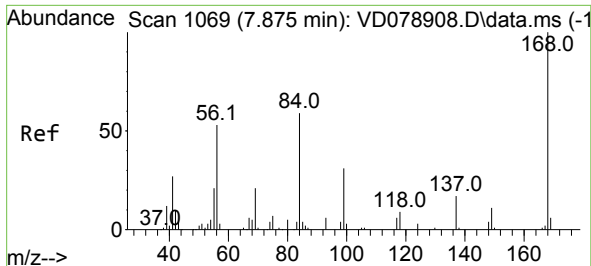
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

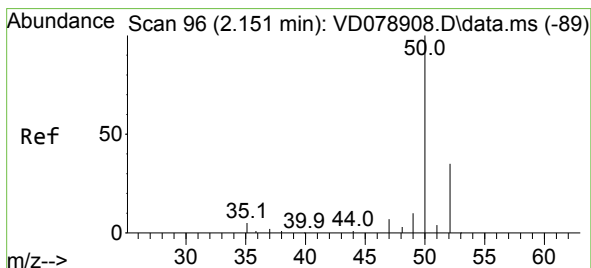
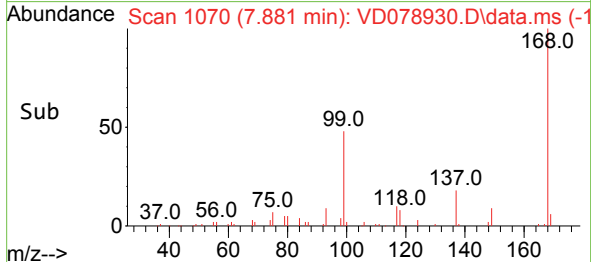
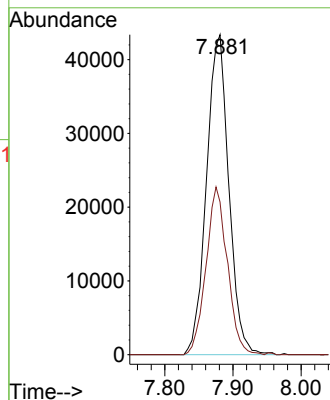
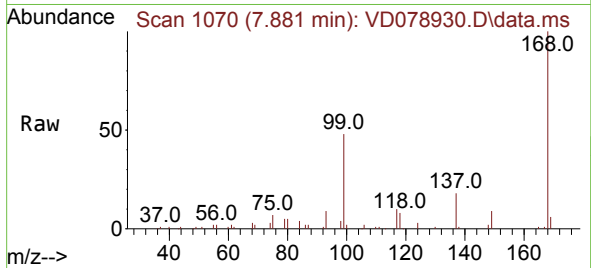




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

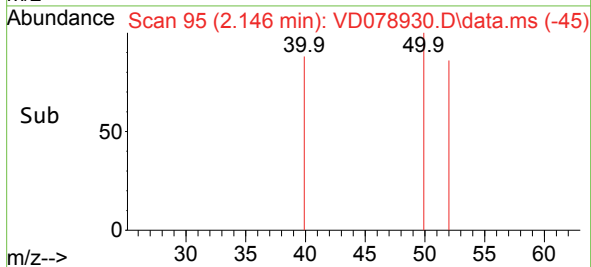
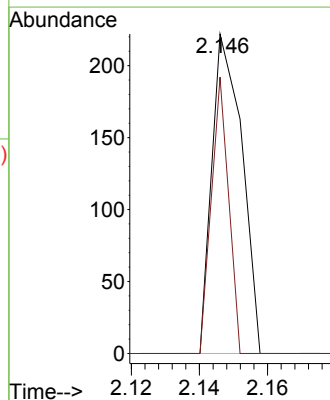
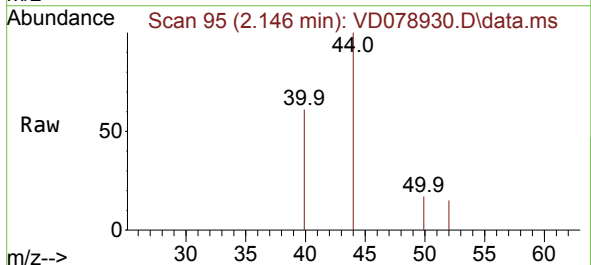
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

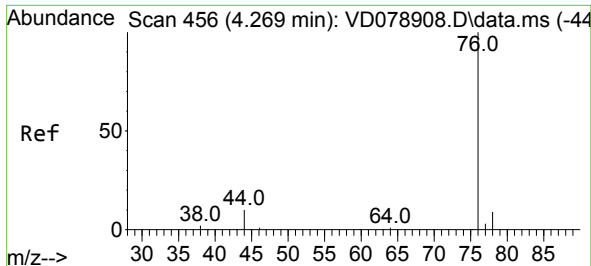
Tgt Ion:168 Resp: 98951
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 50 Resp: 136
Ion Ratio Lower Upper
50 100
52 86.5 28.2 42.2#

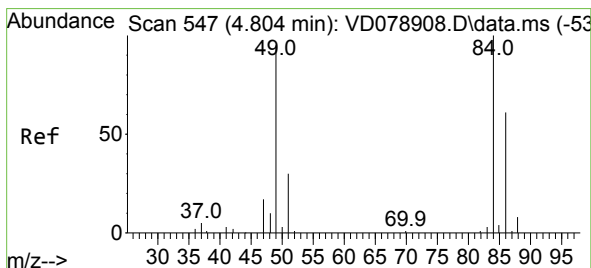
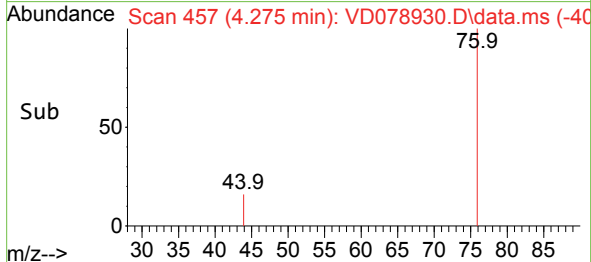
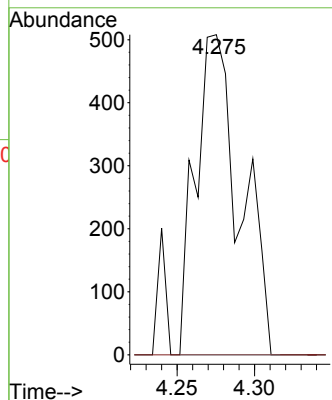
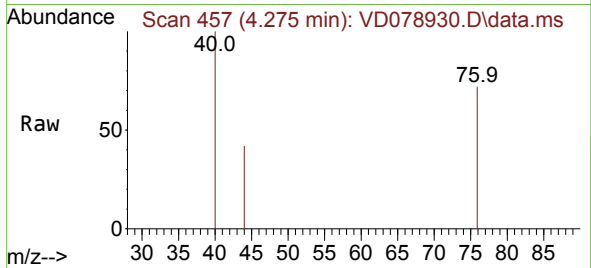




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

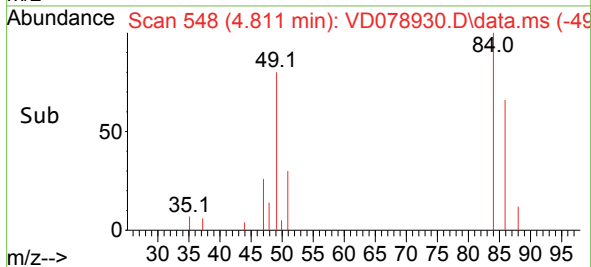
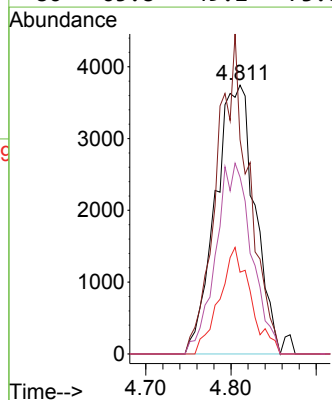
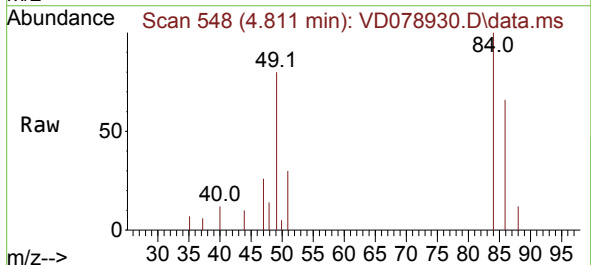
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

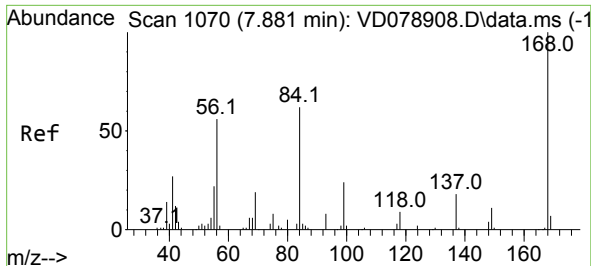
Tgt Ion: 76 Resp: 1018
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: 4.972 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.007 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 84 Resp: 12048
Ion Ratio Lower Upper
84 100
49 79.8 75.6 113.4
51 30.4 24.2 36.2
86 65.8 49.2 73.8

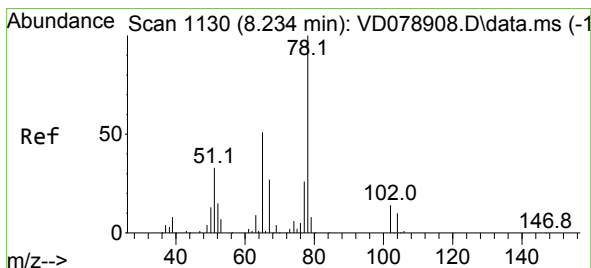
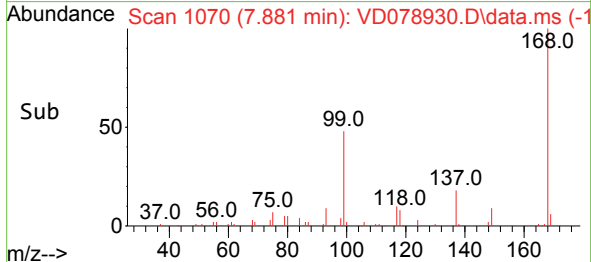
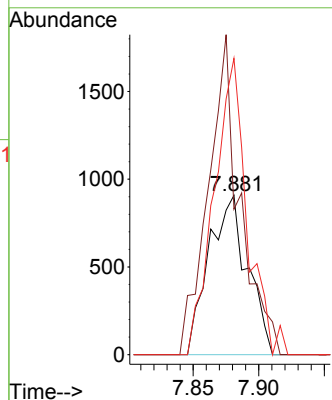
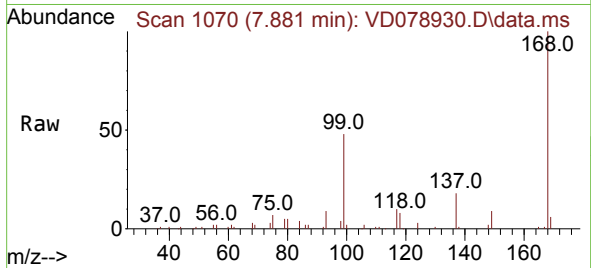




#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

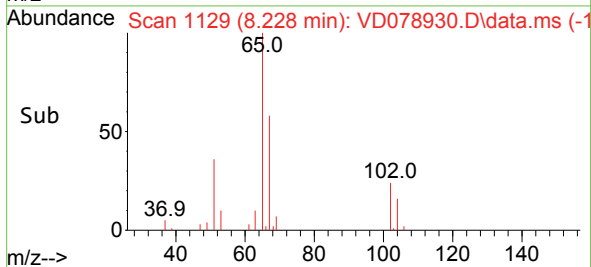
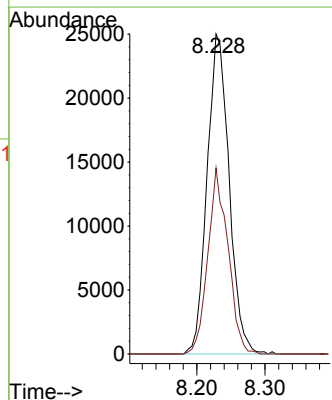
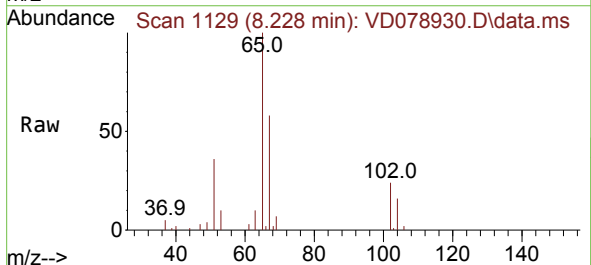
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

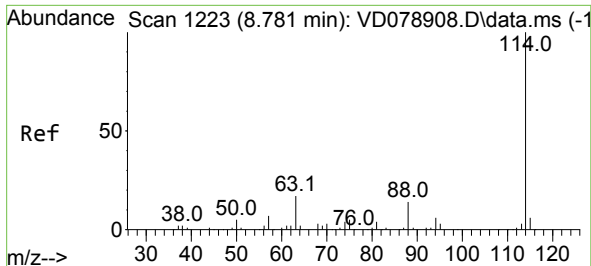
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 91.3 28.0 42.0#
84 186.0 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 60.627 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 65 Resp: 56272
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.0

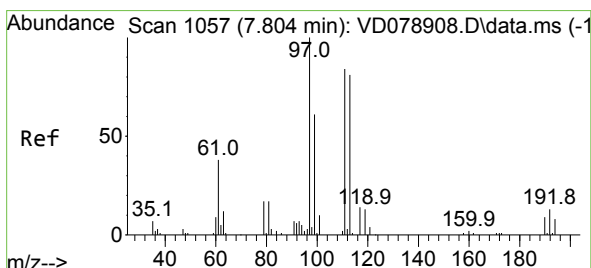
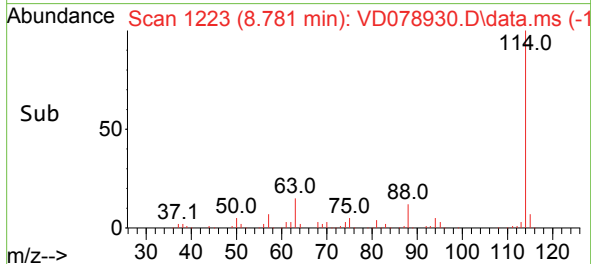
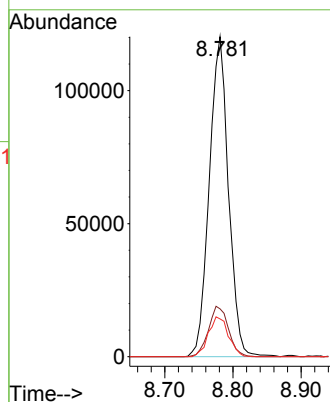
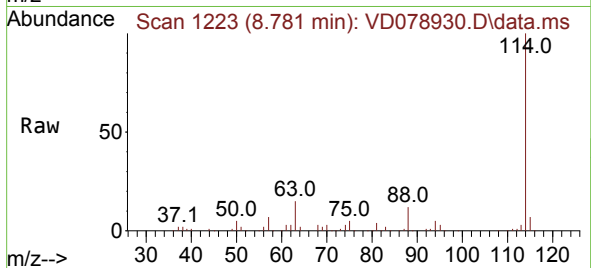




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

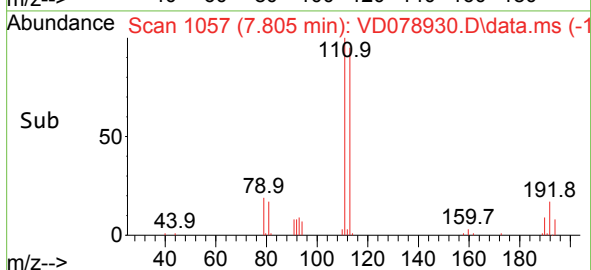
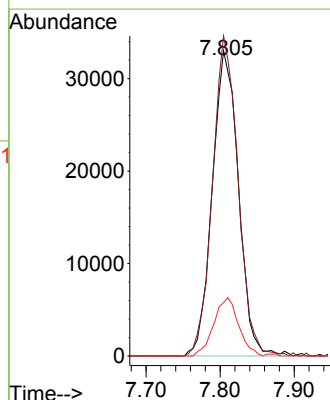
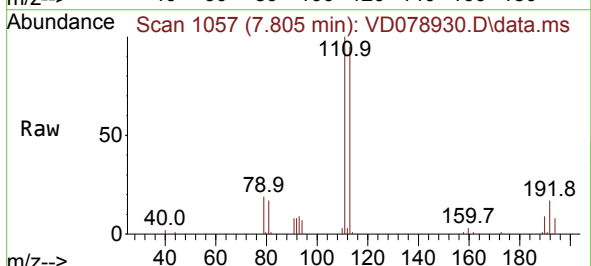
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

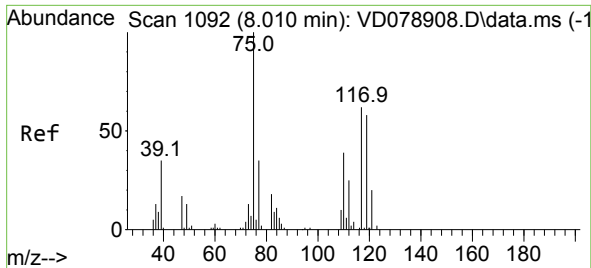
Tgt Ion:114 Resp: 235623
Ion Ratio Lower Upper
114 100
63 14.9 0.0 34.0
88 11.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion:113 Resp: 80720
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 18.2 15.4 23.0

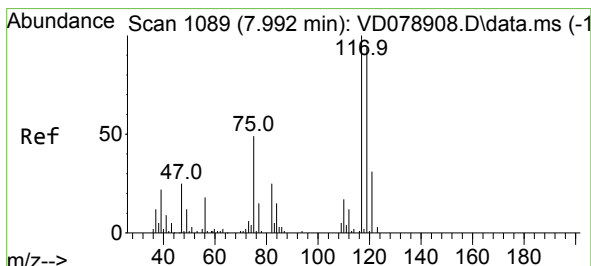
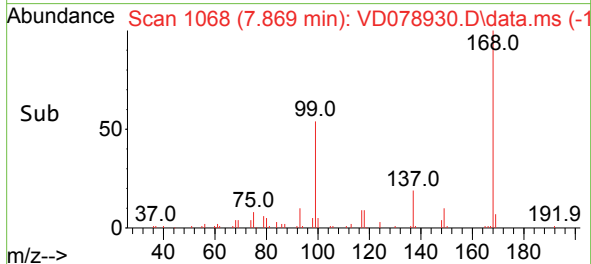
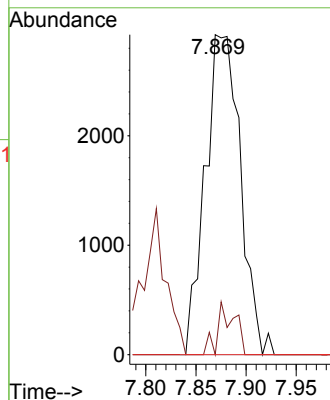
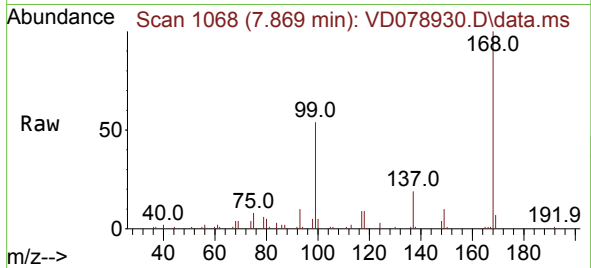




#36
 1,1-Dichloropropene
 Concen: 3.662 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078930.D
 Acq: 15 May 2024 15:24

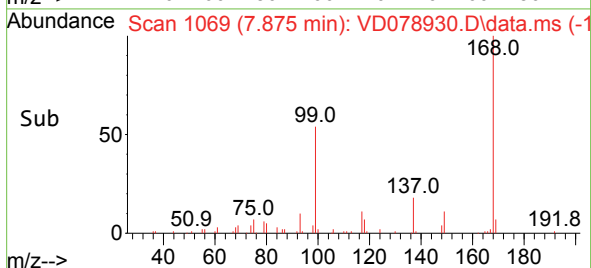
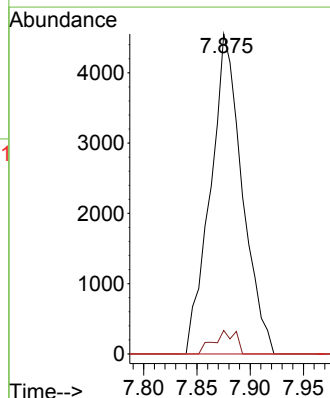
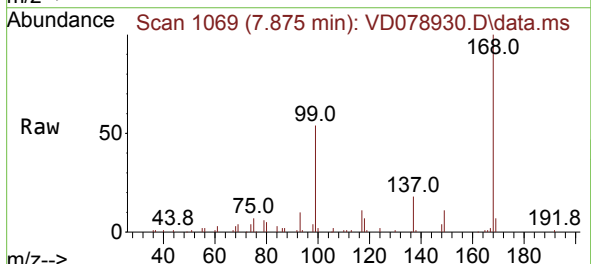
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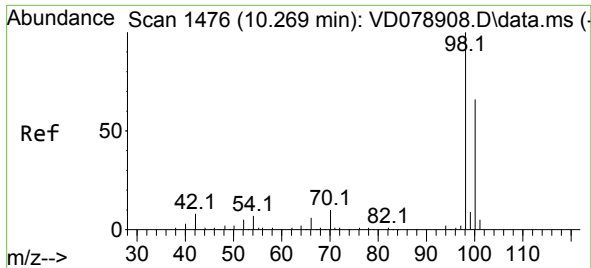
Tgt Ion: 75 Resp: 7148
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.6 58.7#
 77 0.0 26.1 39.1#



#38
 Carbon Tetrachloride
 Concen: 4.141 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.117 min
 Lab File: VD078930.D
 Acq: 15 May 2024 15:24

Tgt Ion: 117 Resp: 9458
 Ion Ratio Lower Upper
 117 100
 119 7.3 75.4 113.0#
 121 0.0 25.0 37.4#

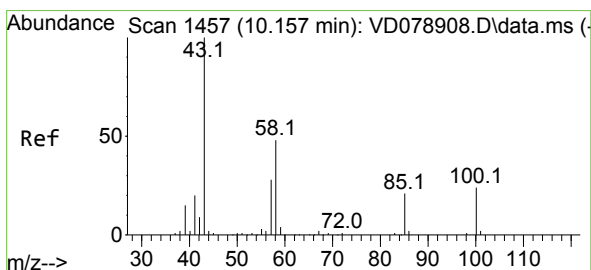
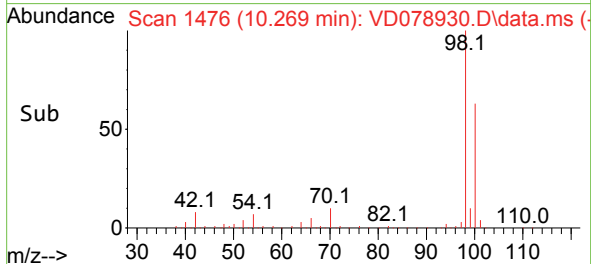
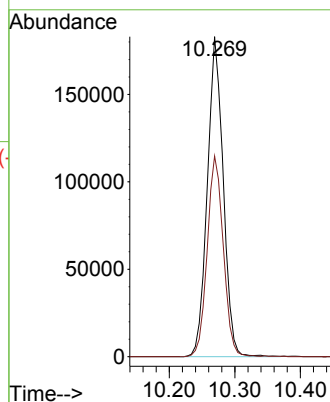
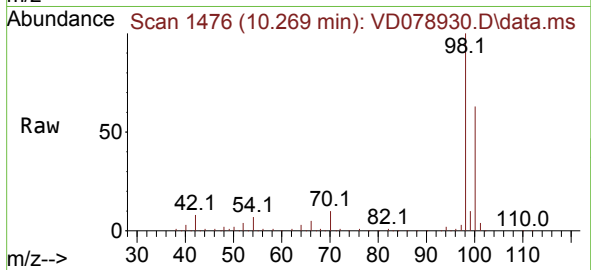




#50
Toluene-d8
Concen: 52.573 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

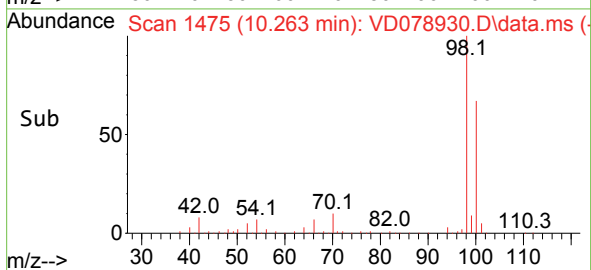
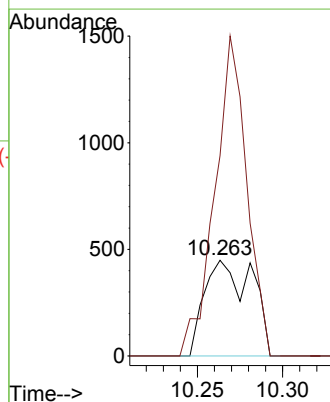
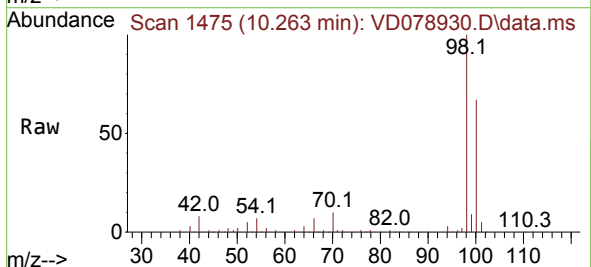
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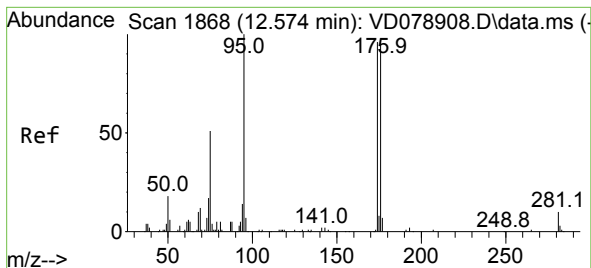
Tgt Ion: 98 Resp: 309127
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.374 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
58 227.1 36.6 55.0#

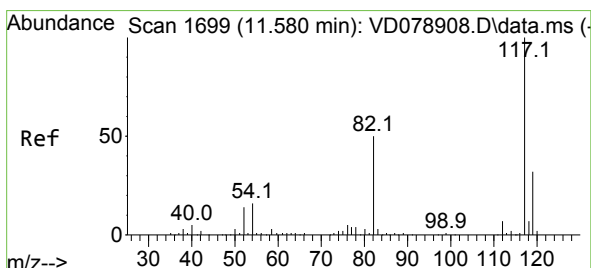
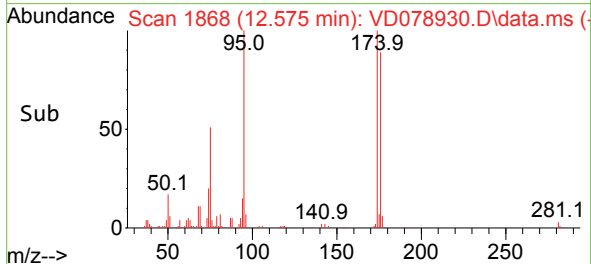
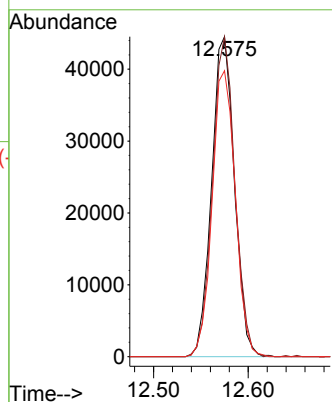
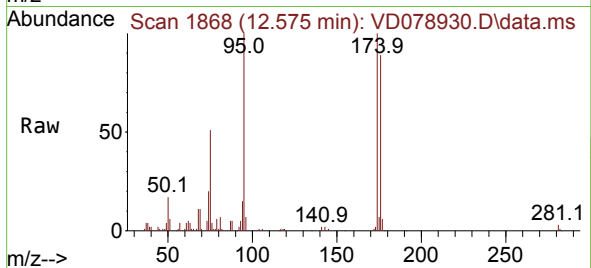




#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

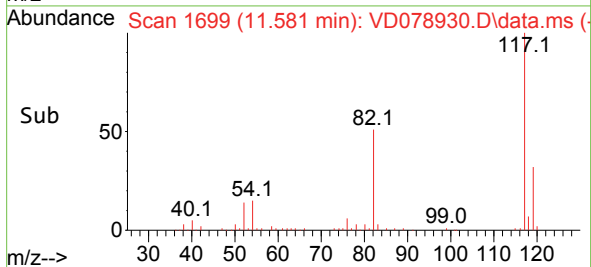
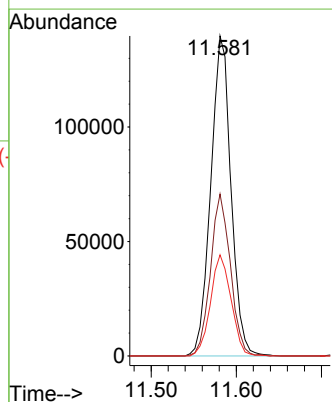
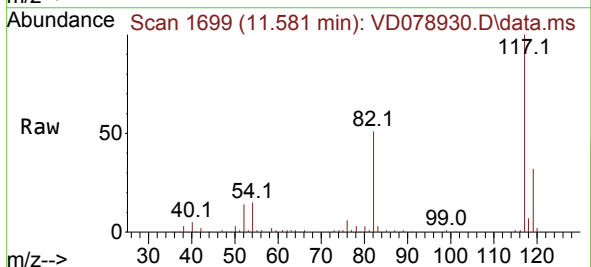
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

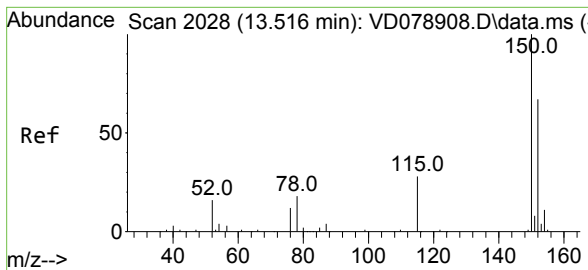
Tgt Ion: 95 Resp: 74618
Ion Ratio Lower Upper
95 100
174 98.2 0.0 195.4
176 90.8 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 117 Resp: 231019
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 31.6 25.7 38.5

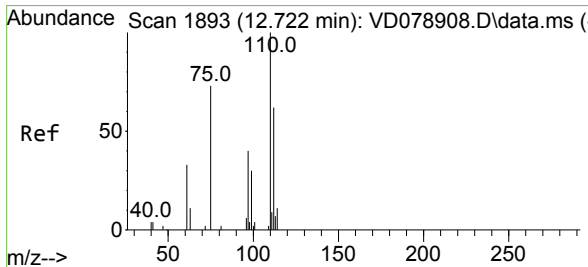
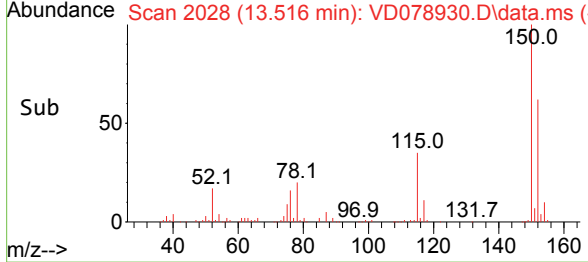
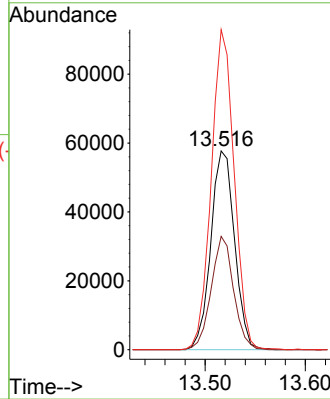
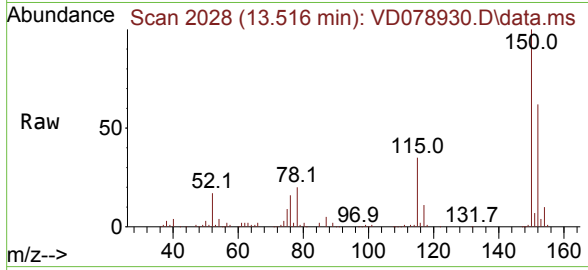




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

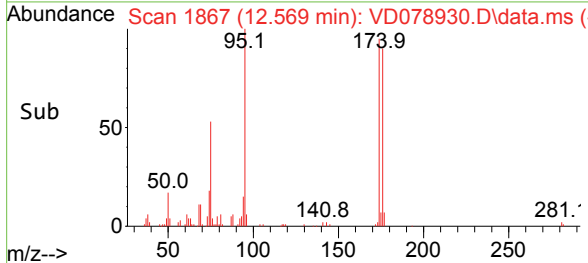
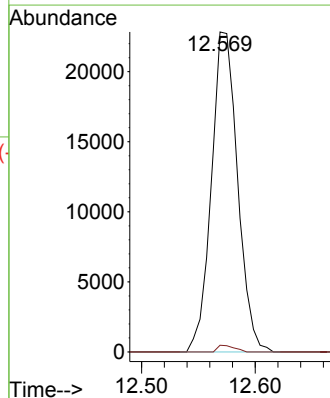
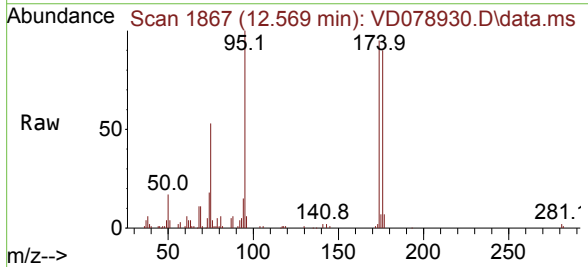
Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

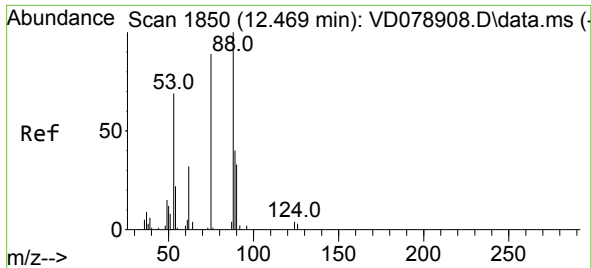
Tgt Ion:152 Resp: 94893
Ion Ratio Lower Upper
152 100
115 53.9 26.5 79.5
150 155.3 0.0 341.6



#76
1,2,3-Trichloropropane
Concen: 54.872 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.152 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Tgt Ion: 75 Resp: 36657
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.812 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078930.D
Acq: 15 May 2024 15:24

Instrument :
MSVOA_D
ClientSampleId :
WC-A-GRAB

Tgt Ion:	75	Resp:	36657
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

