

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078945.D
 Acq On : 16 May 2024 14:07
 Operator : RP/MD
 Sample : P2476-03
 Misc : 5.77G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-GRAB

Quant Time: May 17 06:10:03 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)

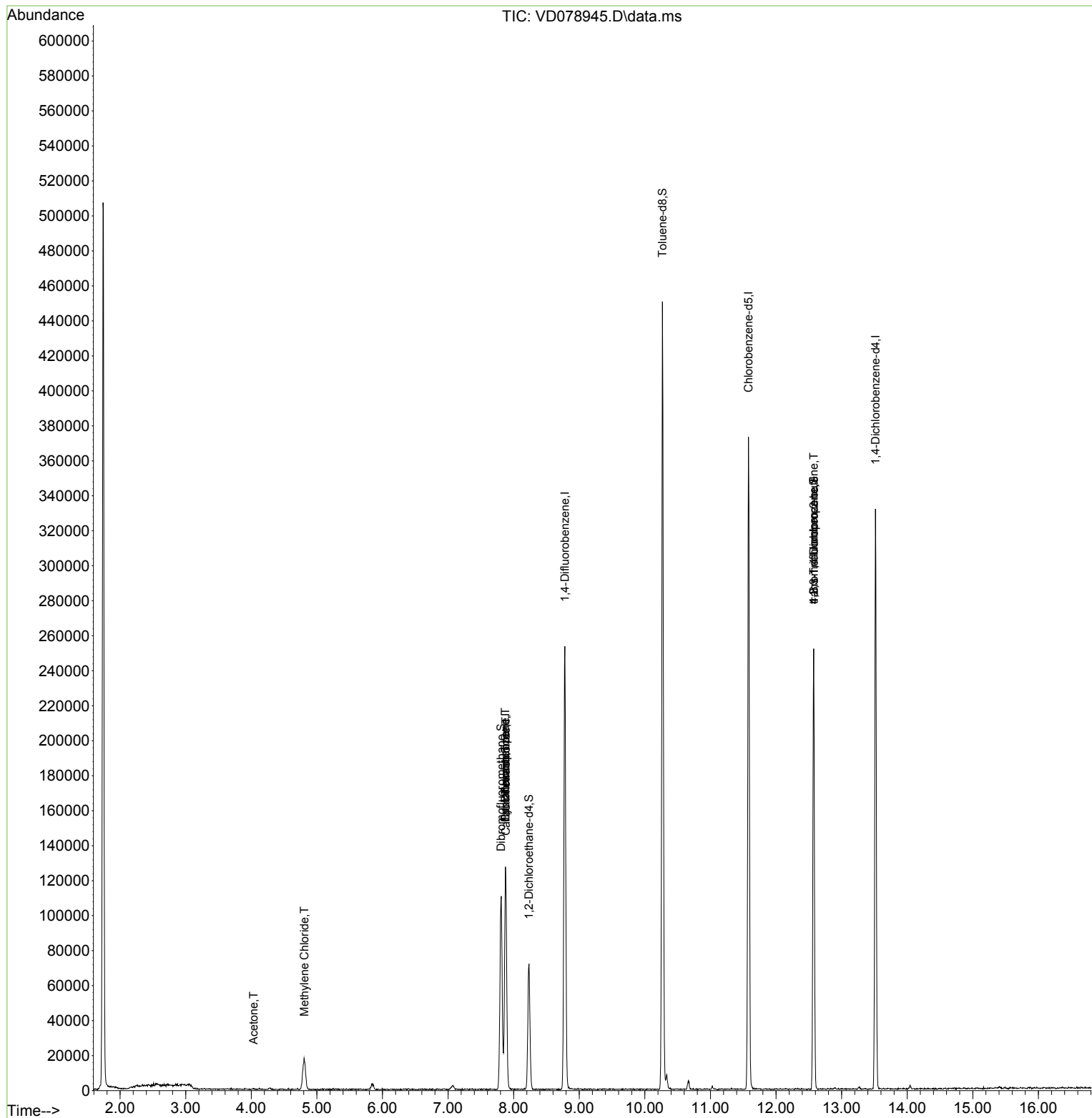
Internal Standards						
1) Pentafluorobenzene	7.875	168	102775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	240044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	226716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57637	59.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.810	113	81585	51.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.269	98	307681	51.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.720%	
62) 4-Bromofluorobenzene	12.575	95	73334	43.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	72	Below Cal	#	40
4) Vinyl Chloride	2.552	62	70	Below Cal	#	42
8) Diethyl Ether	3.599	74	66	Below Cal		91
16) Acetone	4.034	43	249	1.620	ug/l #	37
17) Carbon Disulfide	4.269	76	815	Below Cal	#	76
20) Methylene Chloride	4.811	84	15341	7.590	ug/l	97
31) Cyclohexane	7.875	56	1957	1.389	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	7472	3.758	ug/l #	43
38) Carbon Tetrachloride	7.881	117	9541	4.100	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	37666	58.142	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37666	115.298	ug/l #	19

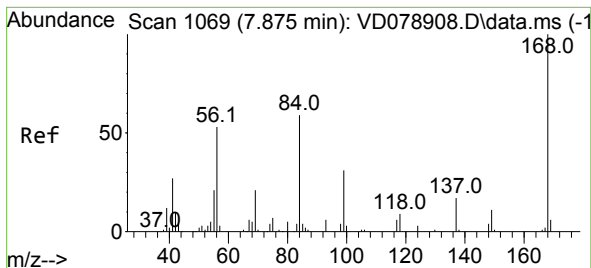
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078945.D
Acq On : 16 May 2024 14:07
Operator : RP/MD
Sample : P2476-03
Misc : 5.77G/5ml/MSVOA_D/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

Quant Time: May 17 06:10:03 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. 0.000 min

Lab File: VD078945.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

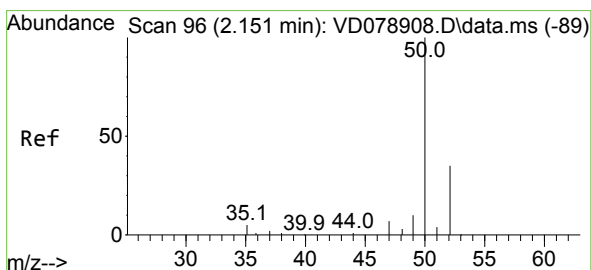
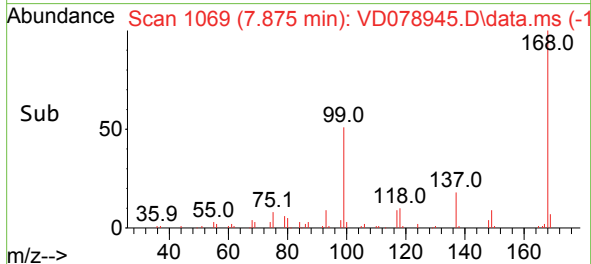
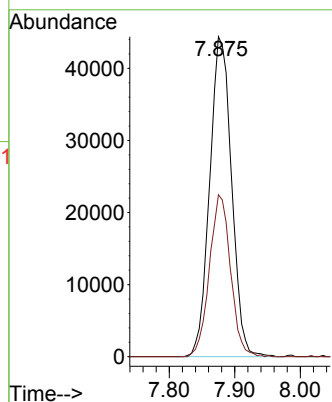
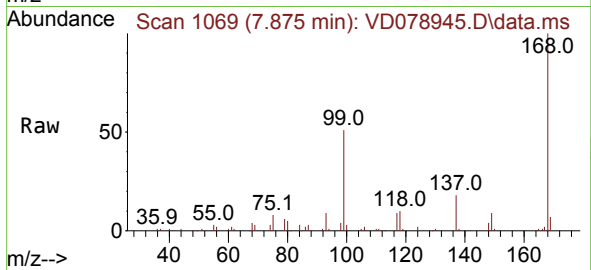
WC-1-GRAB

Tgt Ion:168 Resp: 102775

Ion Ratio Lower Upper

168 100

99 50.6 41.1 61.7



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 95

Delta R.T. -0.005 min

Lab File: VD078945.D

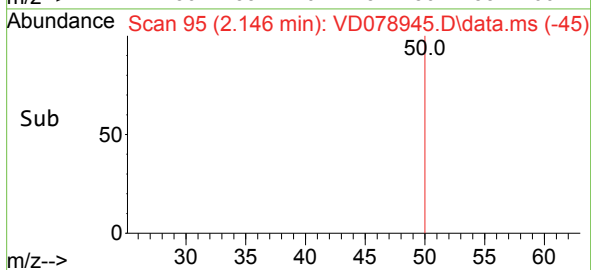
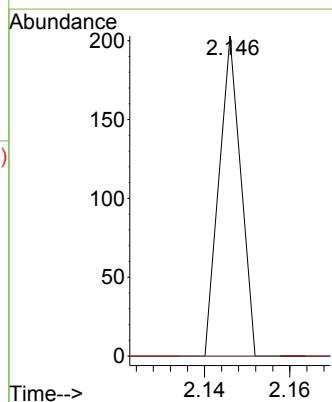
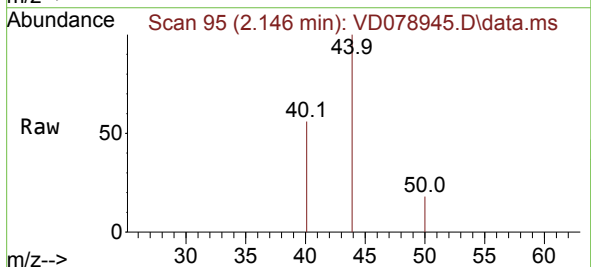
Acq: 16 May 2024 14:07

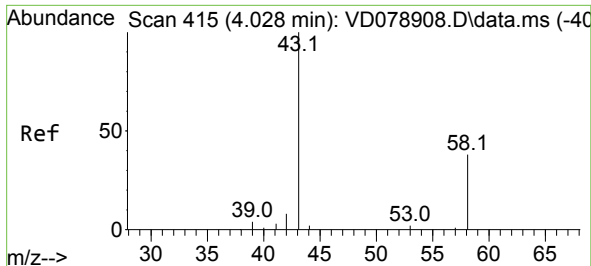
Tgt Ion: 50 Resp: 72

Ion Ratio Lower Upper

50 100

52 0.0 28.2 42.2#





#16

Acetone

Concen: 1.620 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078945.D

Acq: 16 May 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

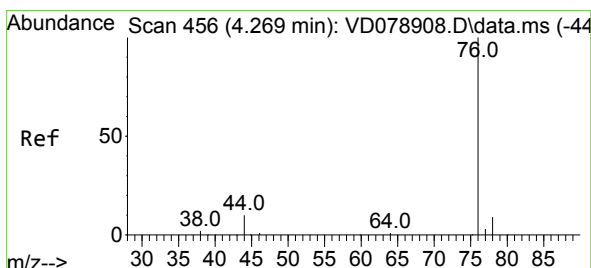
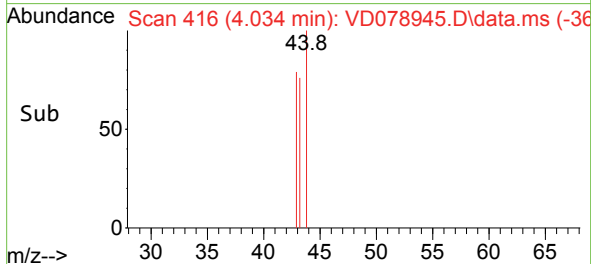
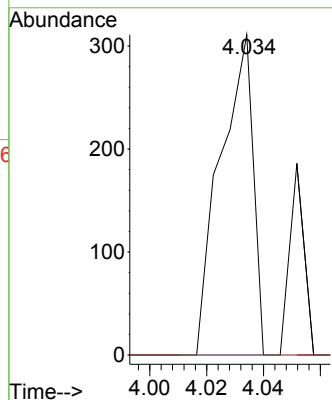
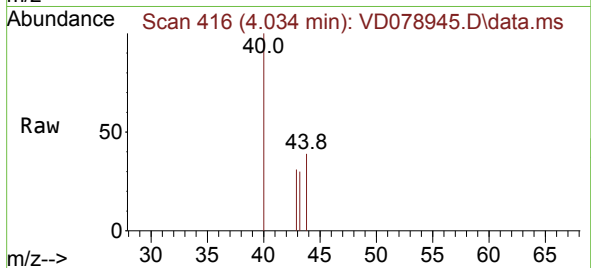
WC-1-GRAB

Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD078945.D

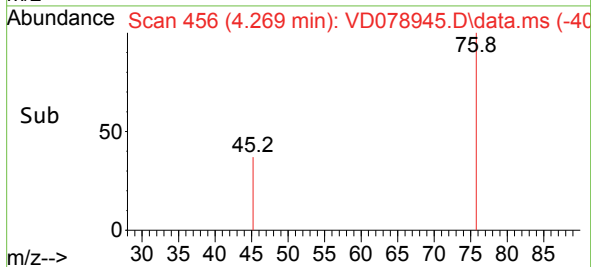
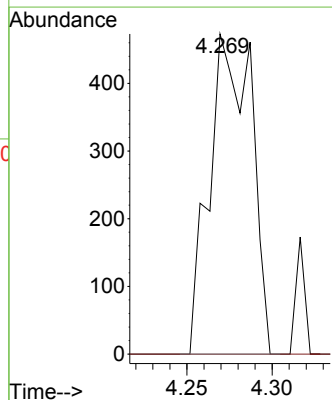
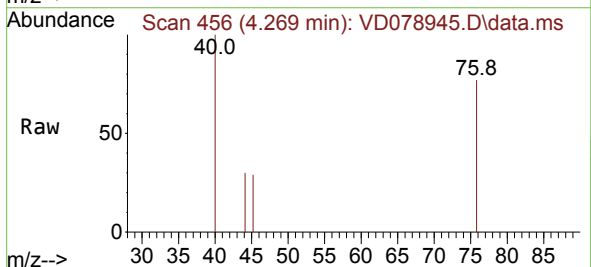
Acq: 16 May 2024 14:07

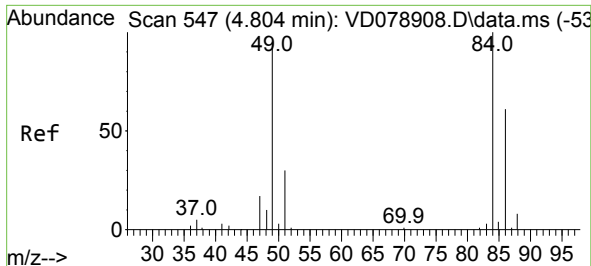
Tgt Ion: 76 Resp: 815

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#

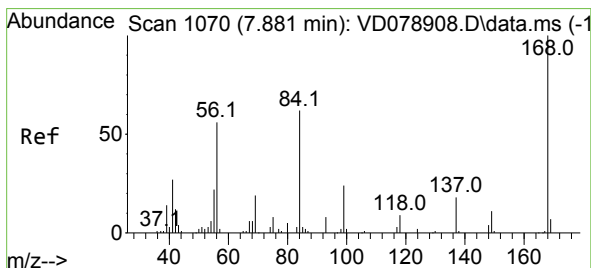
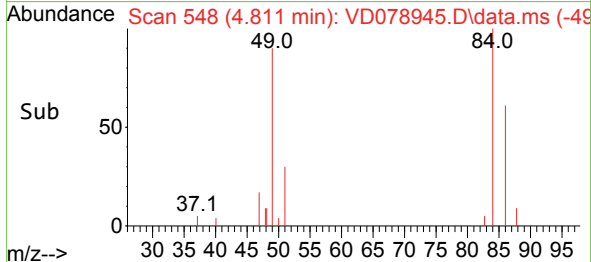
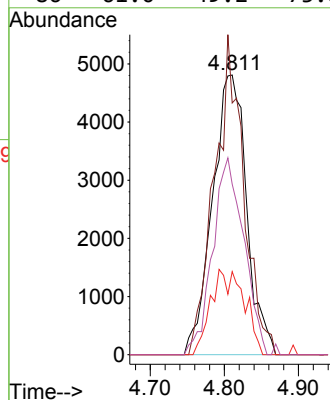
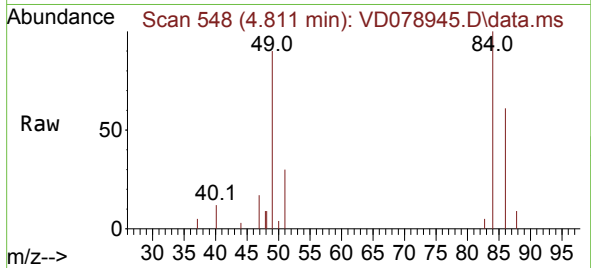




#20
Methylene Chloride
Concen: 7.590 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.007 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

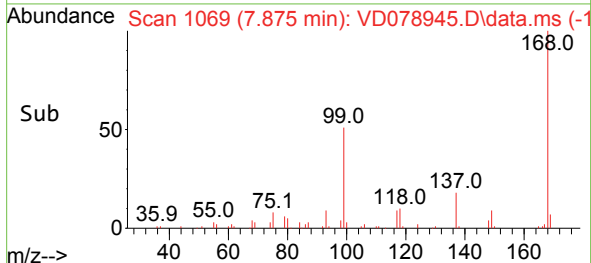
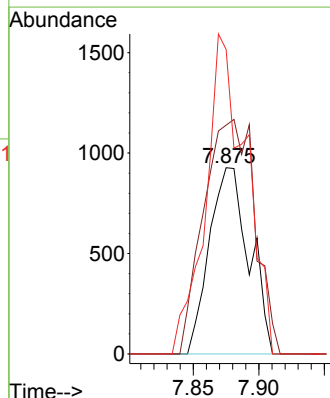
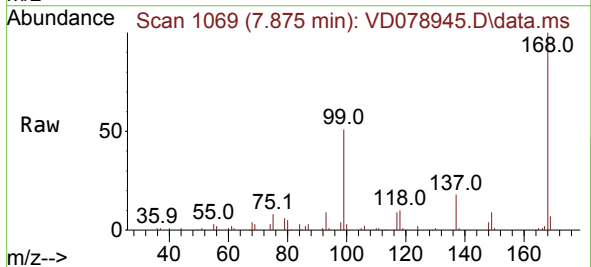
Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

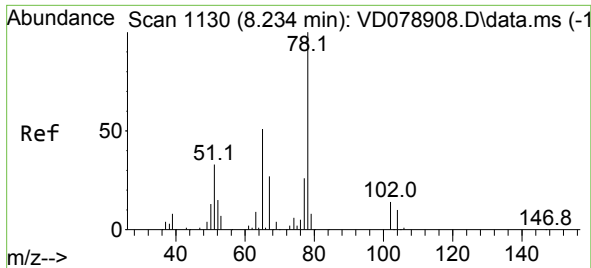
Tgt Ion: 84	Resp: 15341
Ion Ratio	Lower Upper
84 100	
49 90.0	75.6 113.4
51 29.7	24.2 36.2
86 61.0	49.2 73.8



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

Tgt Ion: 56	Resp: 1957
Ion Ratio	Lower Upper
56 100	
69 122.9	28.0 42.0#
84 180.8	87.4 131.0#

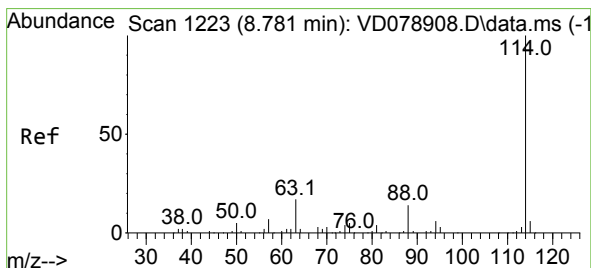
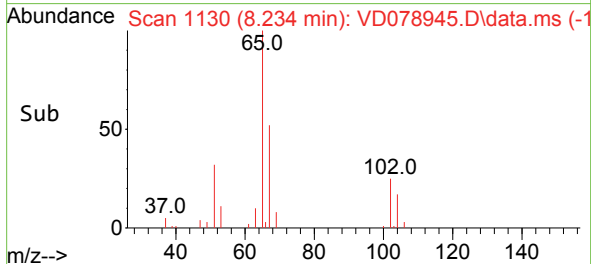
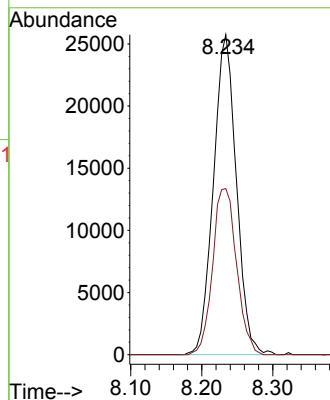
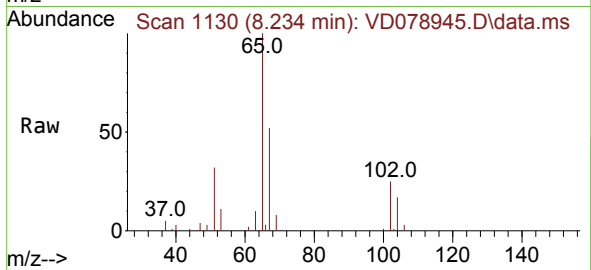




#33
1,2-Dichloroethane-d4
Concen: 59.788 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

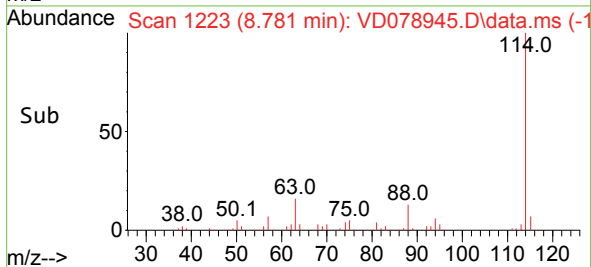
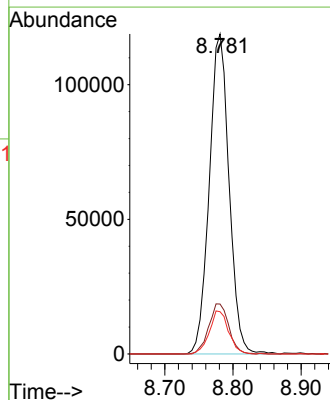
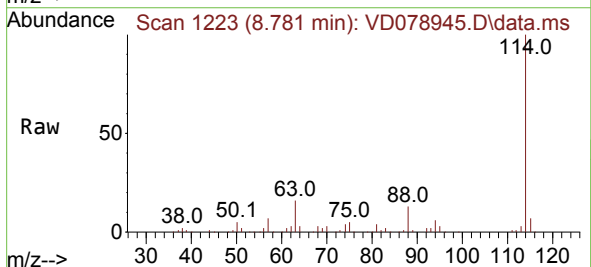
Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

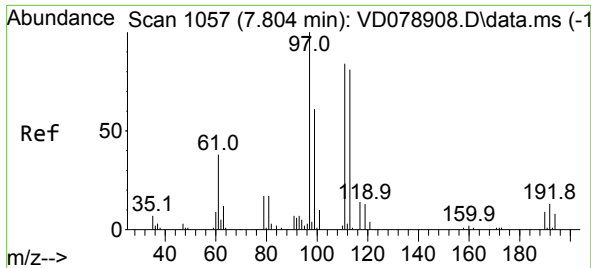
Tgt Ion: 65 Resp: 57637
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

Tgt Ion: 114 Resp: 240044
Ion Ratio Lower Upper
114 100
63 15.6 0.0 34.0
88 13.2 0.0 27.2

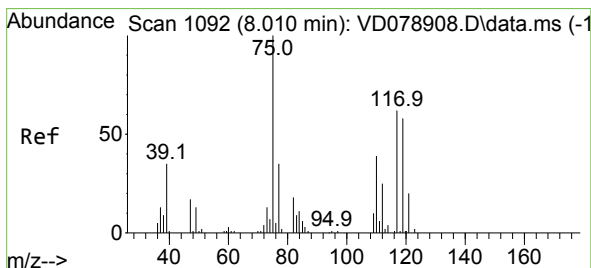
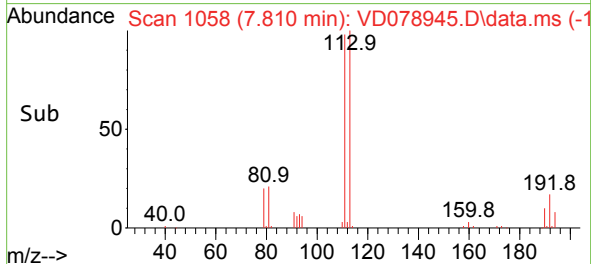
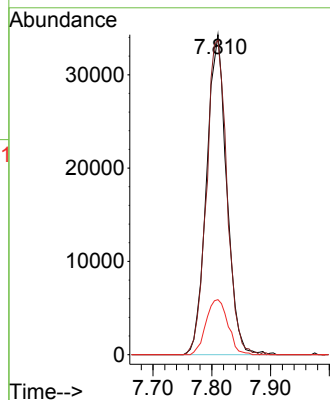
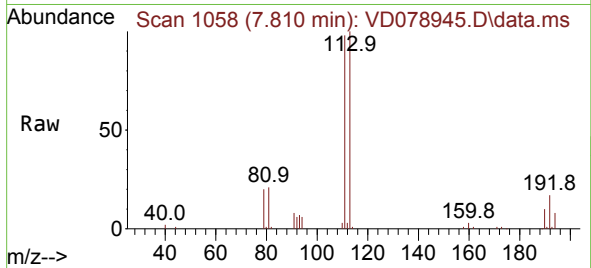




#35
Dibromofluoromethane
Concen: 51.058 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

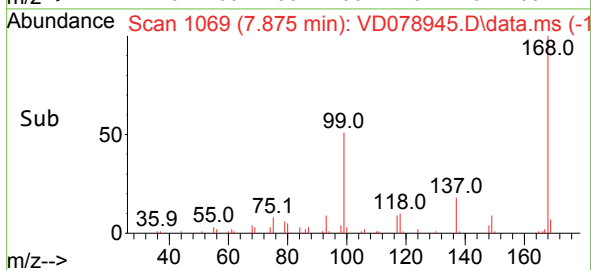
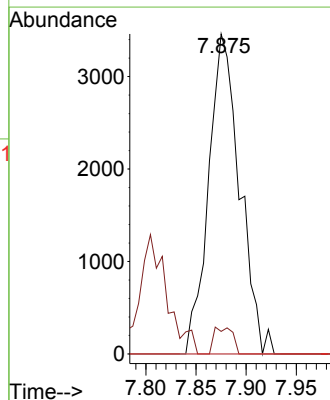
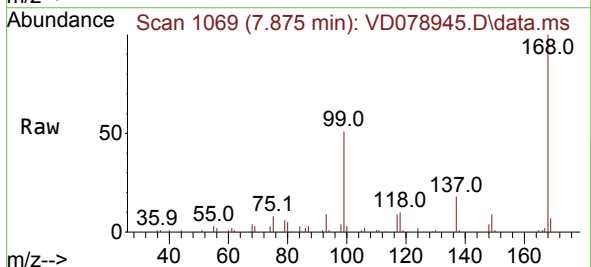
Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

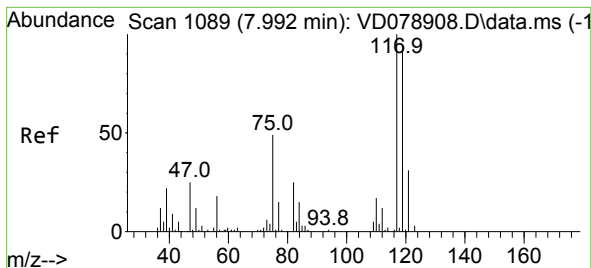
Tgt Ion:113 Resp: 81585
Ion Ratio Lower Upper
113 100
111 99.9 84.0 126.0
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.758 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

Tgt Ion: 75 Resp: 7472
Ion Ratio Lower Upper
75 100
110 5.0 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 4.100 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.111 min

Lab File: VD078945.D

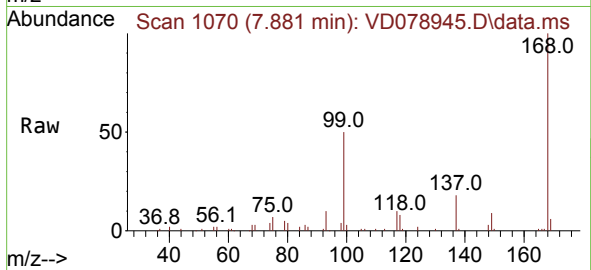
Acq: 16 May 2024 14:07

Instrument :

MSVOA_D

ClientSampleId :

WC-1-GRAB



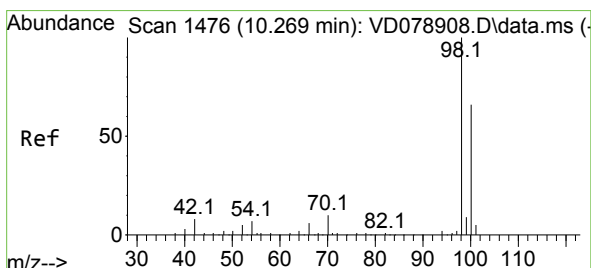
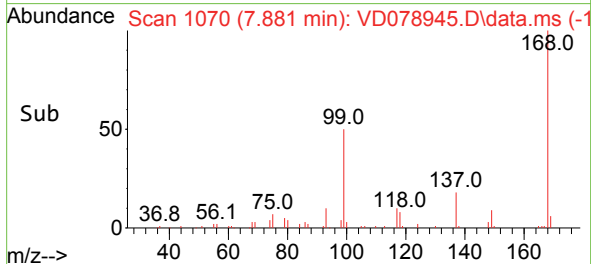
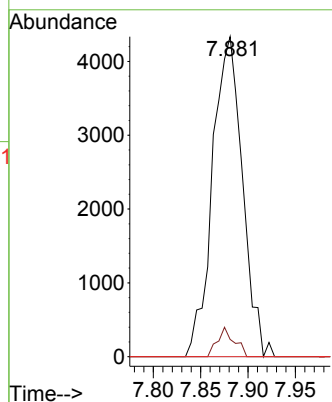
Tgt Ion:117 Resp: 9541

Ion Ratio Lower Upper

117 100

119 5.4 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 51.364 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078945.D

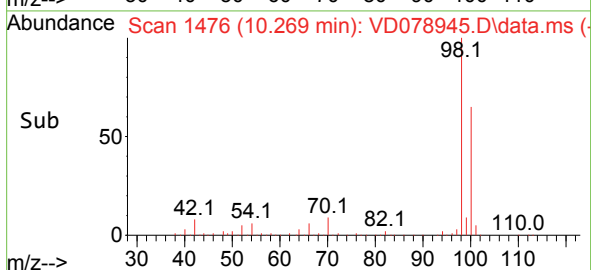
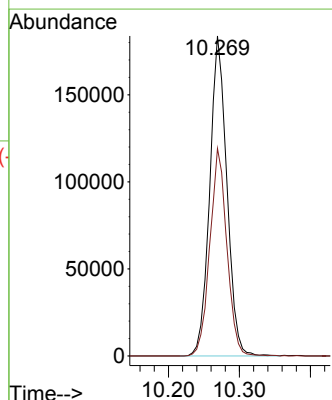
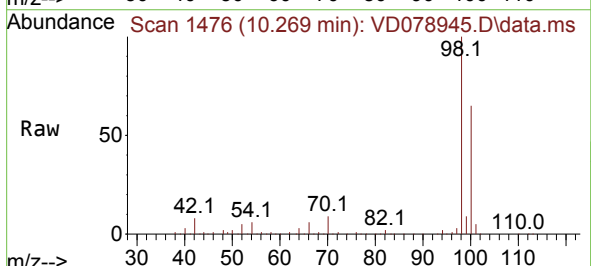
Acq: 16 May 2024 14:07

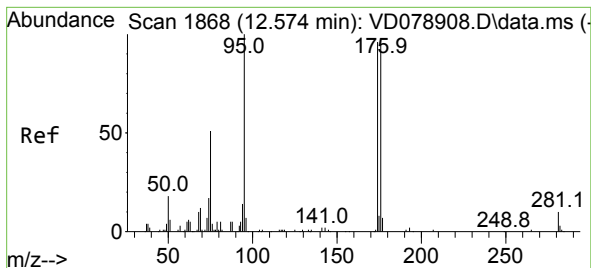
Tgt Ion: 98 Resp: 307681

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

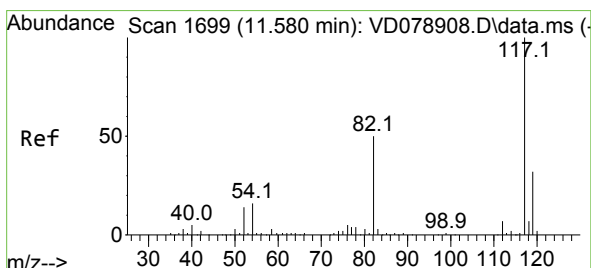
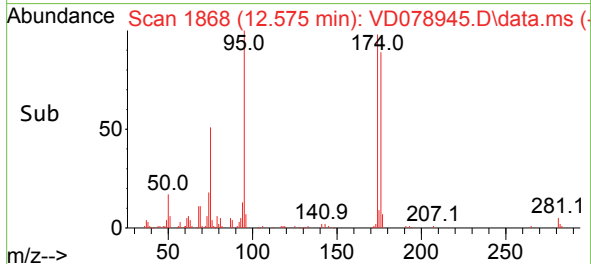
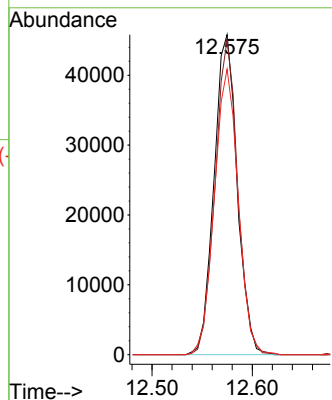
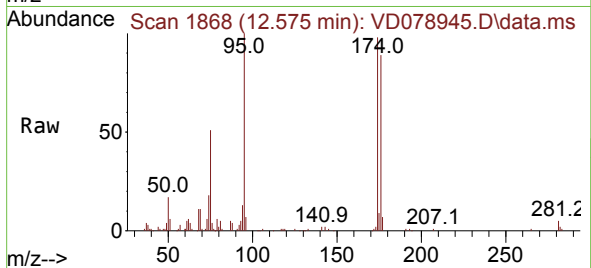




#62
4-Bromofluorobenzene
Concen: 43.578 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

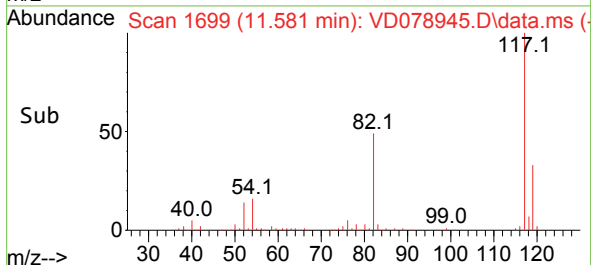
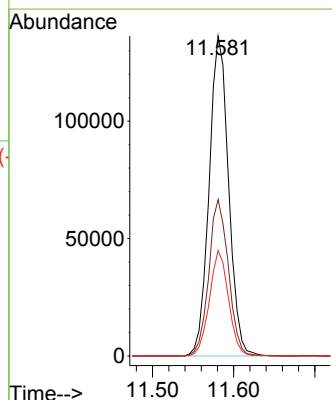
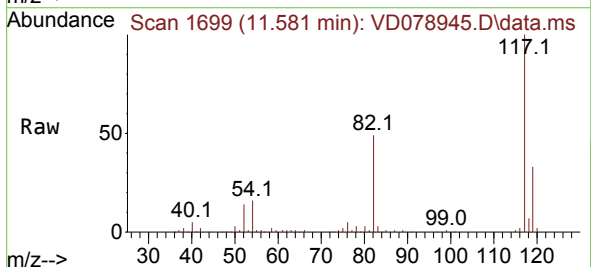
Instrument :
MSVOA_D
ClientSampleId :
WC-1-GRAB

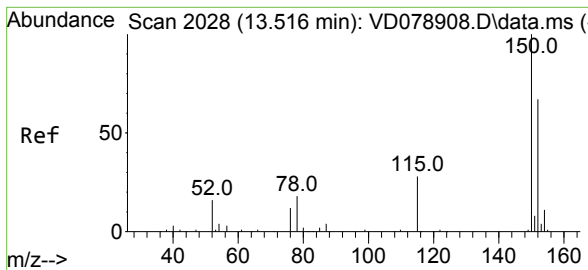
Tgt Ion: 95 Resp: 73334
Ion Ratio Lower Upper
95 100
174 96.3 0.0 195.4
176 91.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078945.D
Acq: 16 May 2024 14:07

Tgt Ion: 117 Resp: 226716
Ion Ratio Lower Upper
117 100
82 48.9 39.8 59.6
119 32.9 25.7 38.5

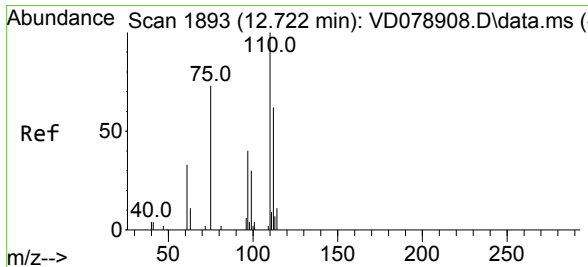
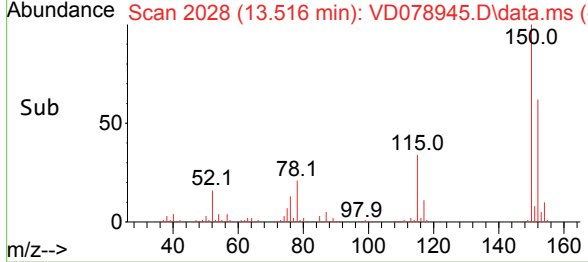
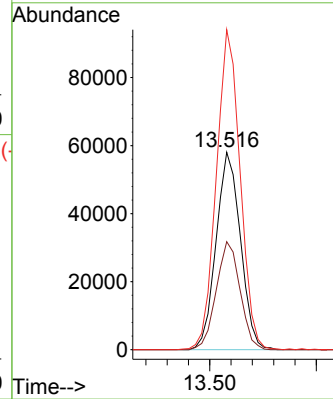
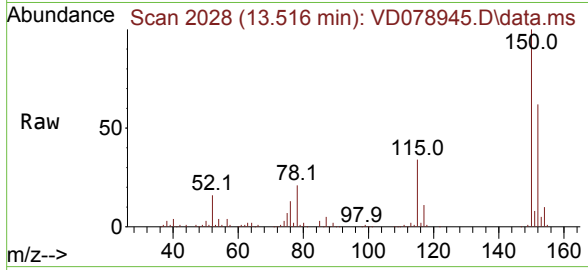




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078945.D
 Acq: 16 May 2024 14:07

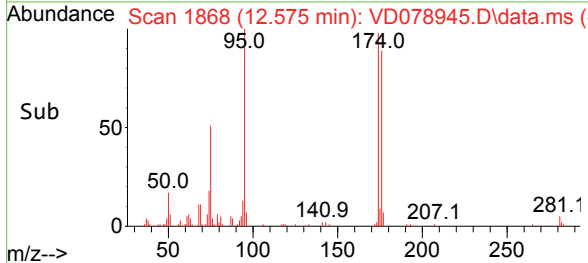
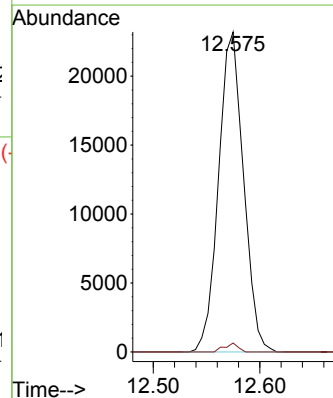
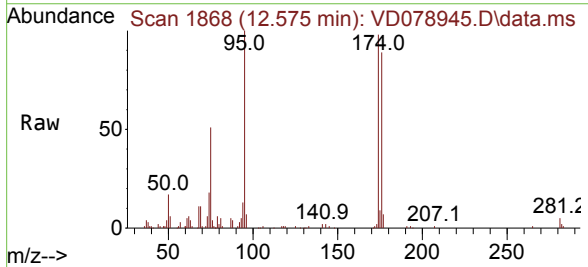
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-GRAB

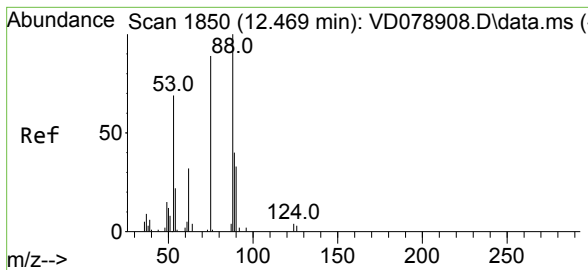
Tgt Ion:152 Resp: 92020
 Ion Ratio Lower Upper
 152 100
 115 53.5 26.5 79.5
 150 158.2 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 58.142 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078945.D
 Acq: 16 May 2024 14:07

Tgt Ion: 75 Resp: 37666
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.298 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078945.D
 Acq: 16 May 2024 14:07

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-GRAB

Tgt Ion:	75	Resp:	37666
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

