

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074424.D
 Acq On : 26 Sep 2022 17:38
 Operator : VA/SY
 Sample : N4768-12
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18

Quant Time: Sep 27 04:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

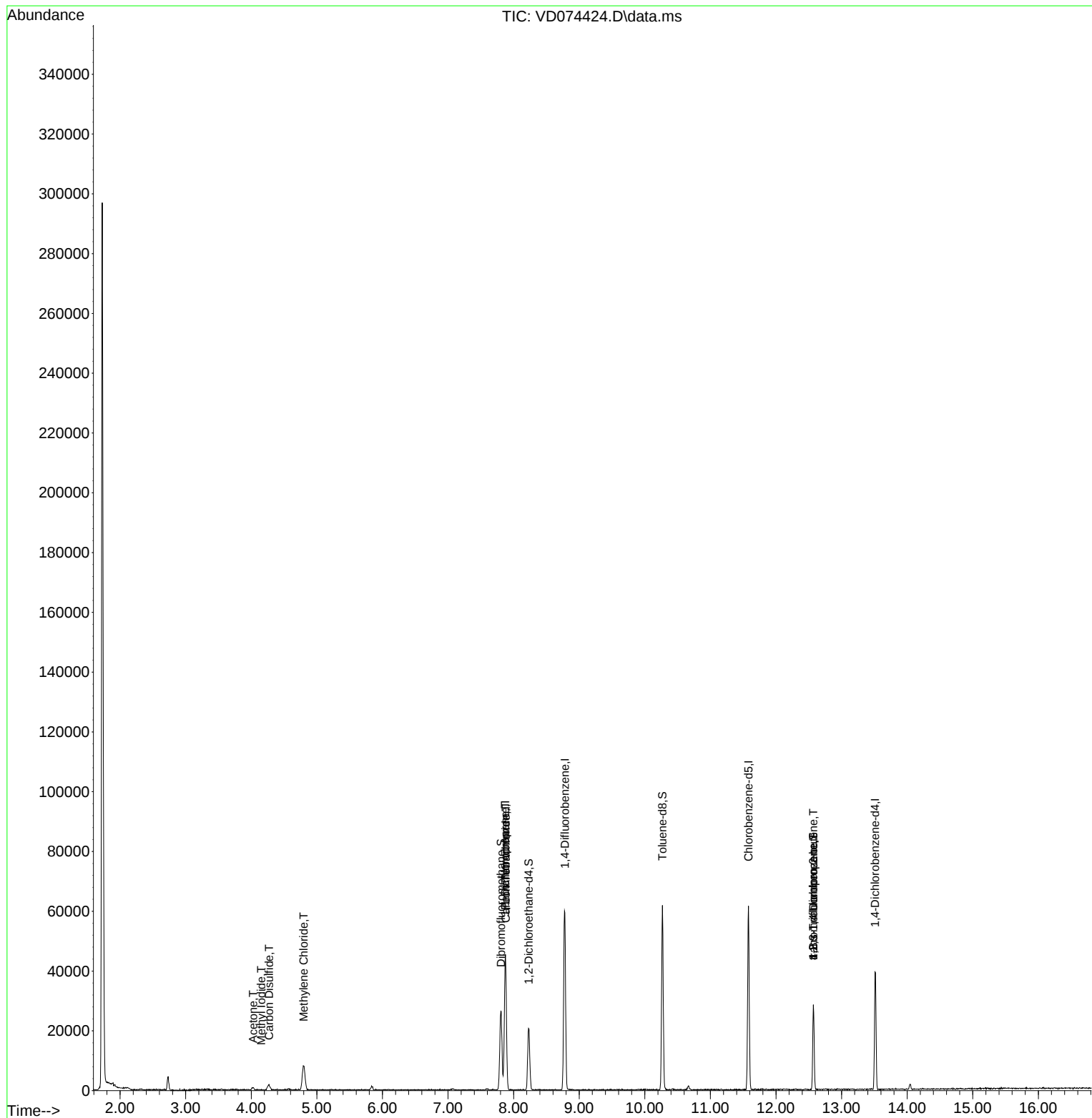
Internal Standards						
1) Pentafluorobenzene	7.875	168	37818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	59937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	38828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	12229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17155	52.689	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.380%		
35) Dibromofluoromethane	7.810	113	19730	48.824	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 97.640%		
50) Toluene-d8	10.269	98	45859	33.645	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 67.280%		
62) 4-Bromofluorobenzene	12.569	95	7347	10.773	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 21.540%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	227	Below Cal	#	37
10) Methyl Iodide	4.152	142	61	7.336	ug/l #	43
16) Acetone	4.028	43	1032	16.339	ug/l #	85
17) Carbon Disulfide	4.269	76	3550	2.199	ug/l #	73
18) Methyl Acetate	4.575	43	236	Below Cal	#	44
20) Methylene Chloride	4.799	84	7068	9.001	ug/l #	89
36) 1,1-Dichloropropene	7.869	75	2403	4.415	ug/l #	41
38) Carbon Tetrachloride	7.881	117	3462	6.647	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	3711	38.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	3711	94.677	ug/l #	17

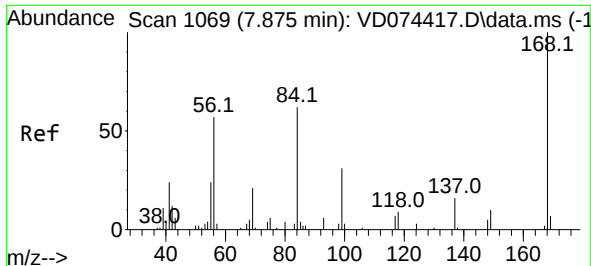
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

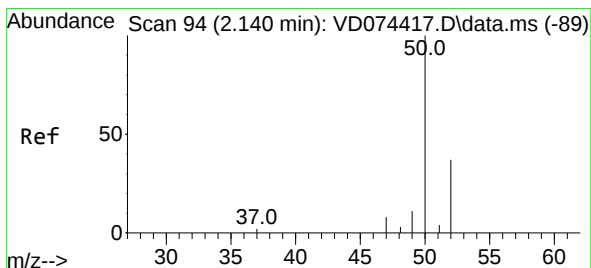
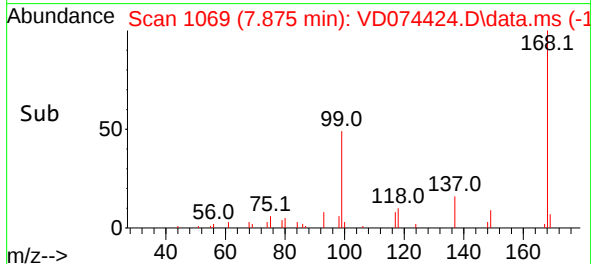
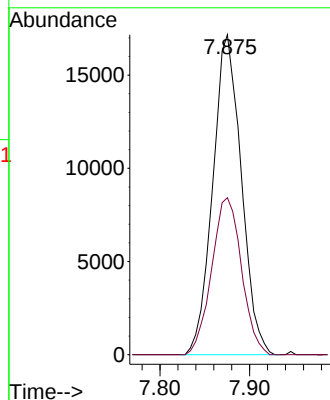
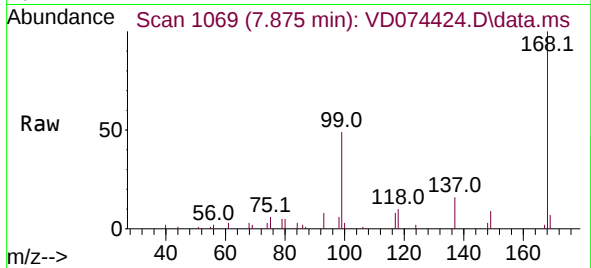




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

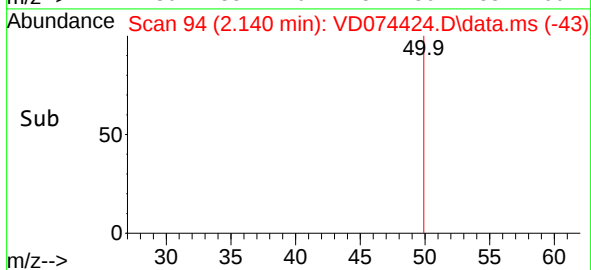
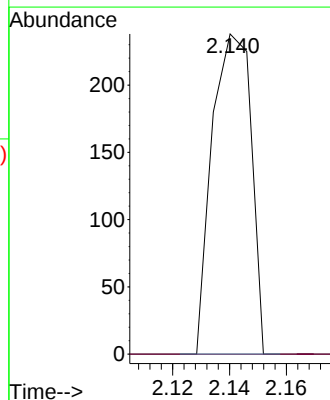
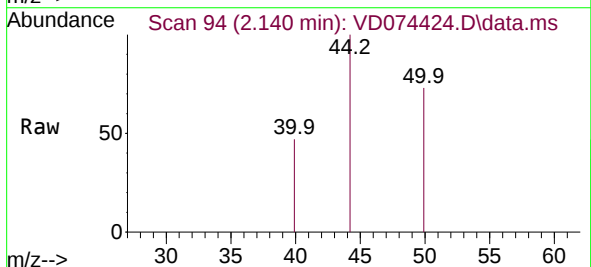
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

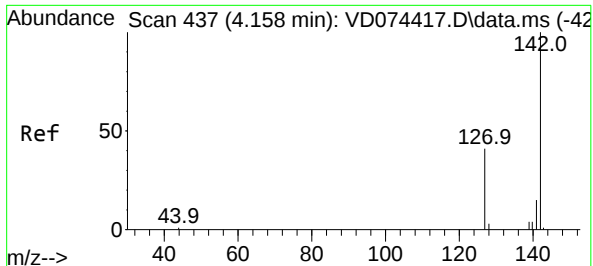
Tgt Ion:168 Resp: 37818
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

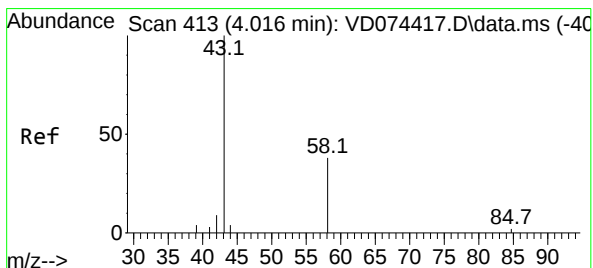
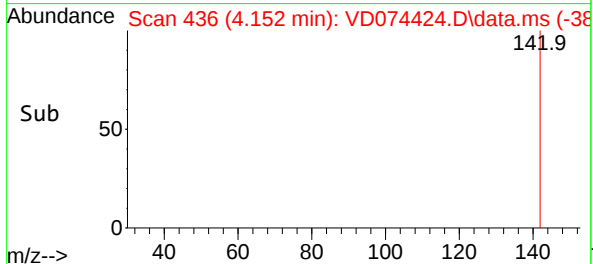
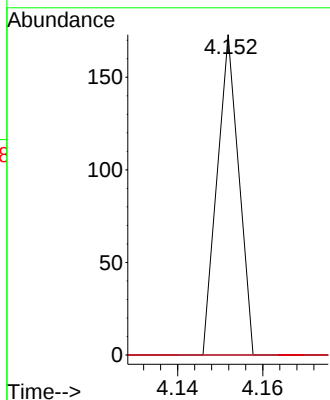
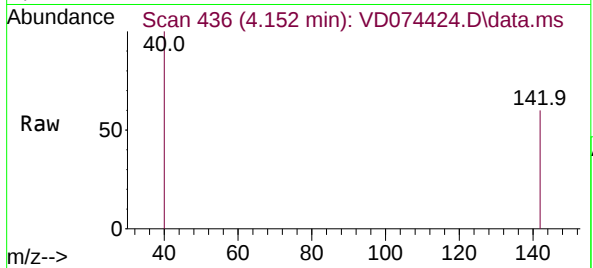




#10
Methyl Iodide
Concen: 7.336 ug/l
RT: 4.152 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

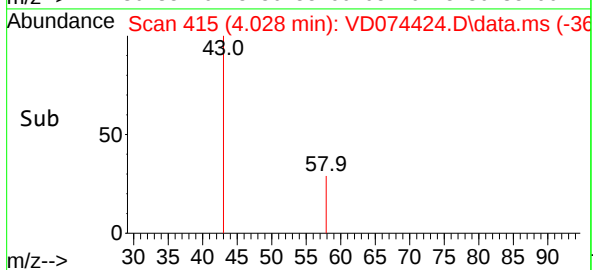
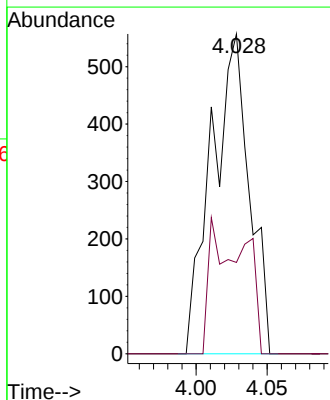
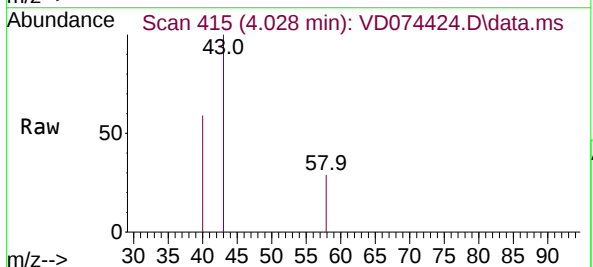
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

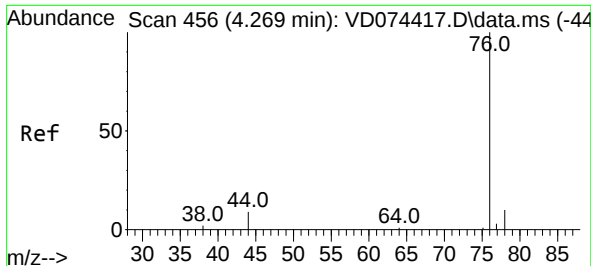
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 16.339 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 28.5 30.2 45.2#

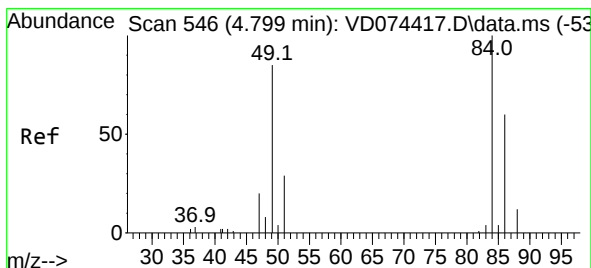
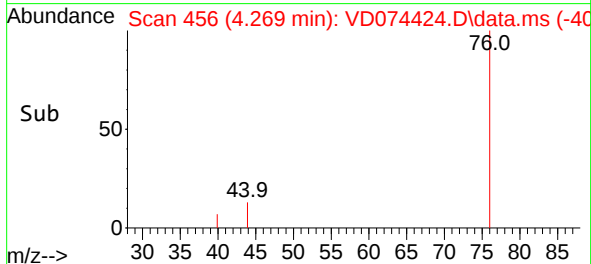
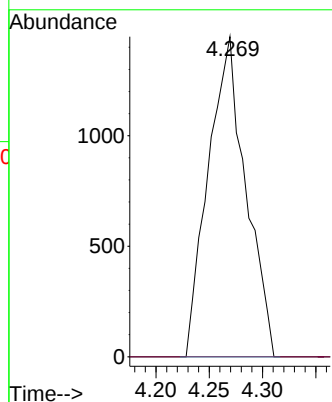
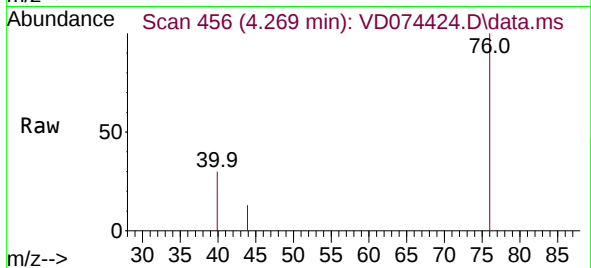




#17
Carbon Disulfide
Concen: 2.199 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

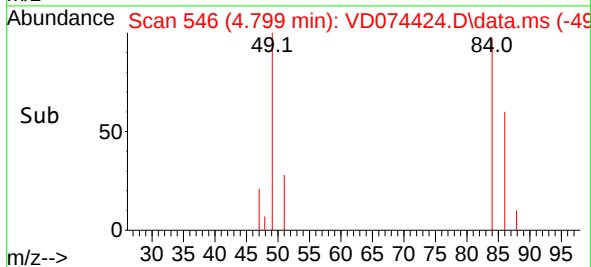
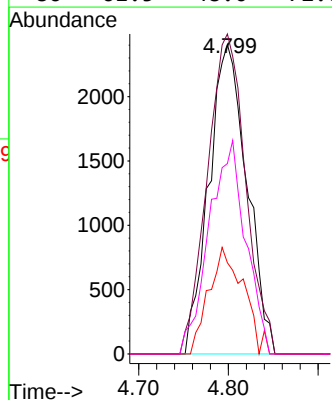
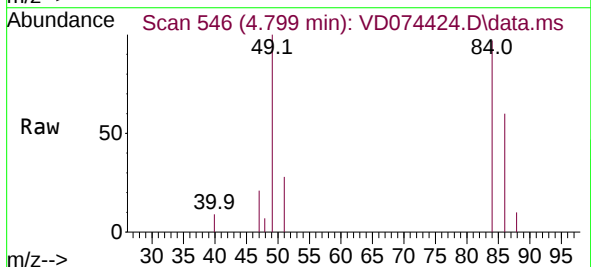
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

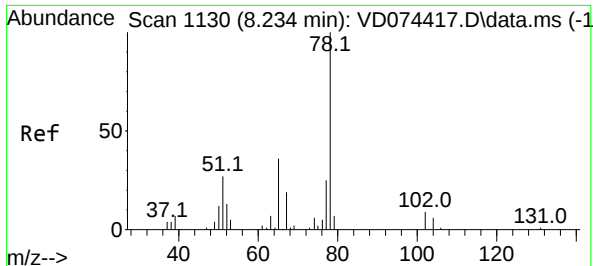
Tgt Ion: 76 Resp: 3550
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#20
Methylene Chloride
Concen: 9.001 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 84 Resp: 7068
Ion Ratio Lower Upper
84 100
49 103.4 68.0 102.0#
51 29.4 23.2 34.8
86 61.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

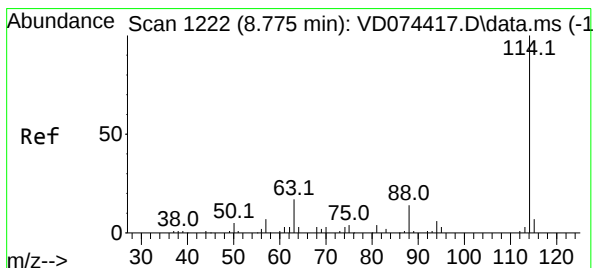
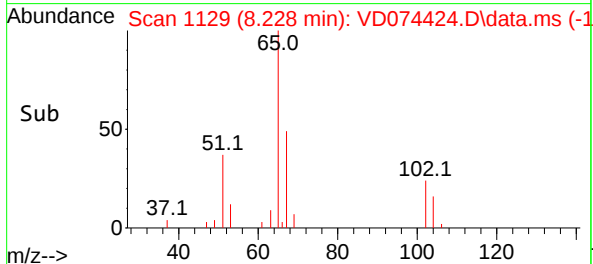
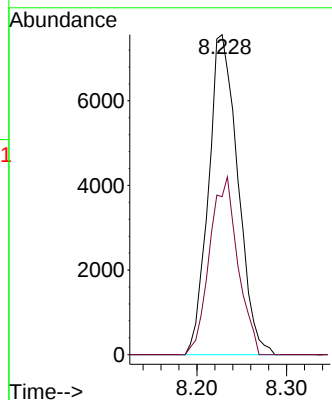
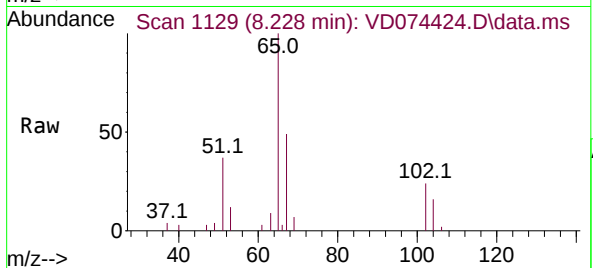
A3-8-18

Tgt Ion: 65 Resp: 17155

Ion Ratio Lower Upper

65 100

67 53.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

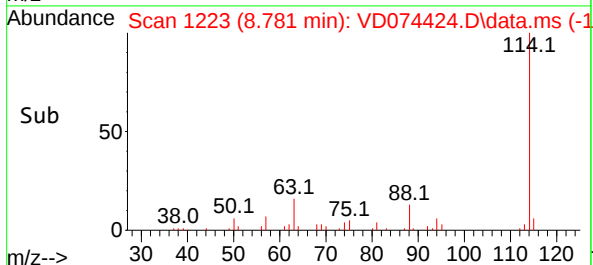
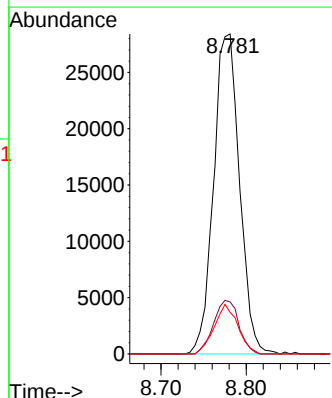
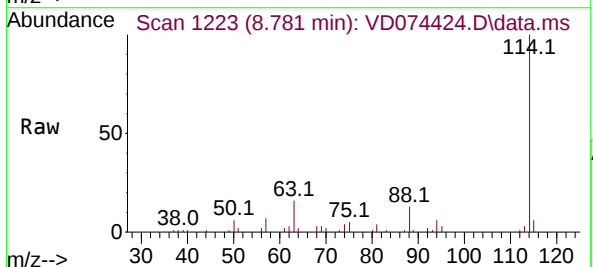
Tgt Ion: 114 Resp: 59937

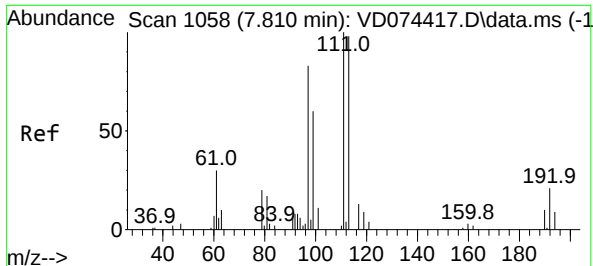
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.824 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

A3-8-18

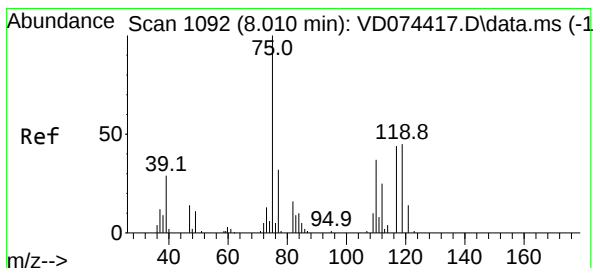
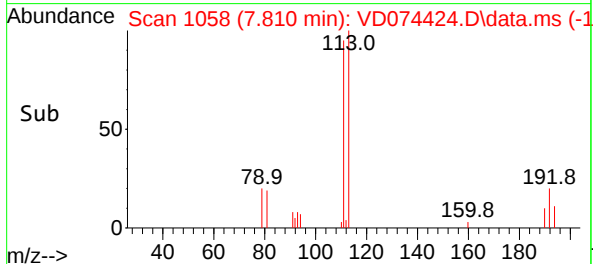
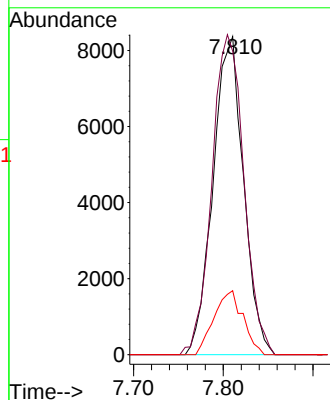
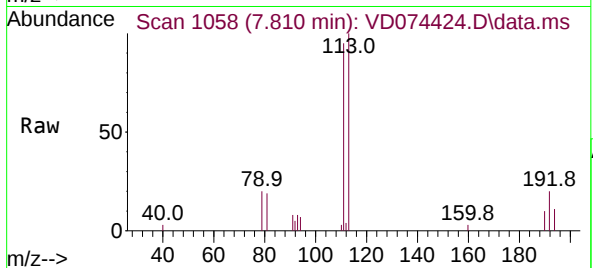
Tgt Ion:113 Resp: 19730

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

192 19.1 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.415 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

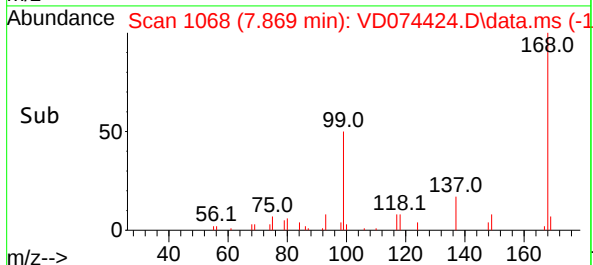
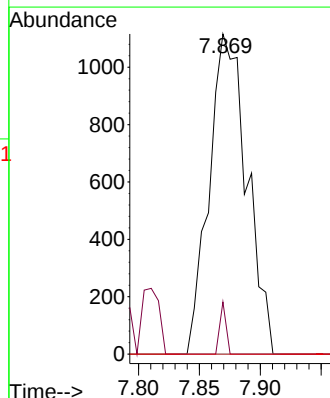
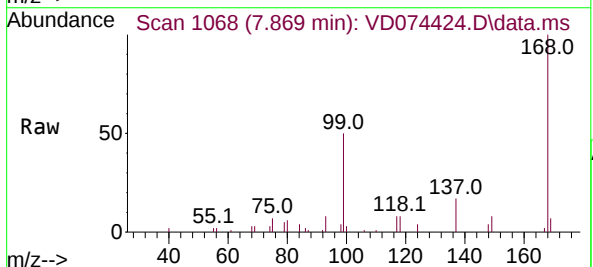
Tgt Ion: 75 Resp: 2403

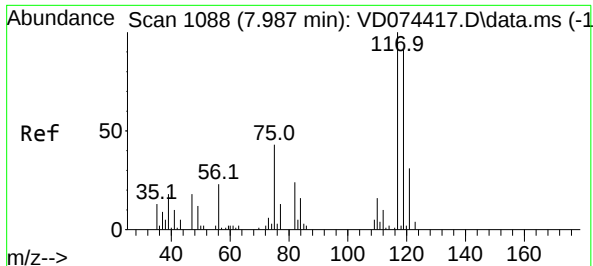
Ion Ratio Lower Upper

75 100

110 2.7 19.7 59.0#

77 0.0 25.4 38.2#

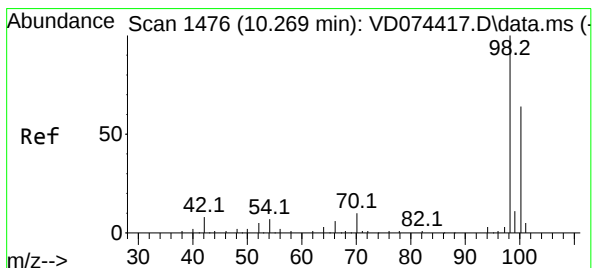
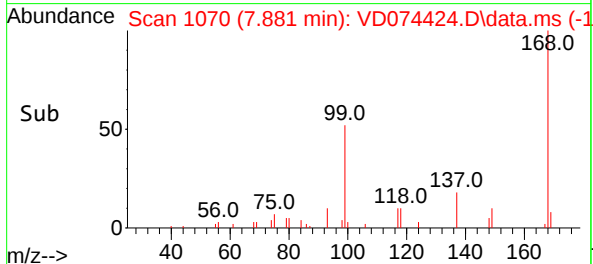
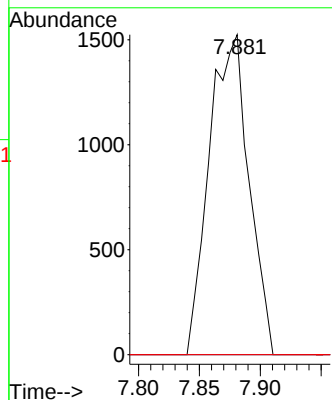
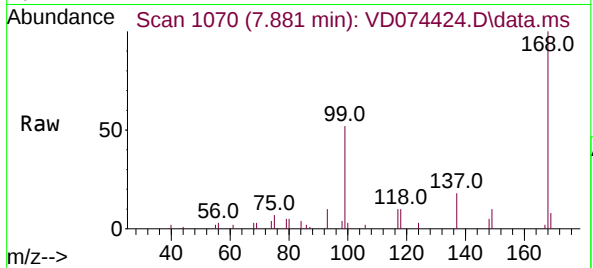




#38
Carbon Tetrachloride
Concen: 6.647 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

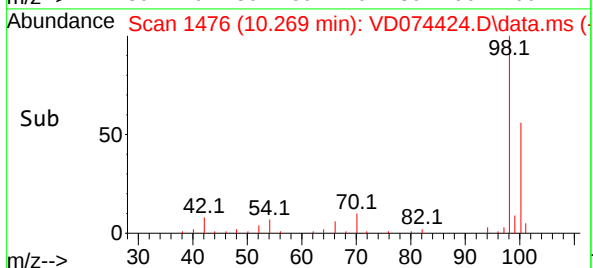
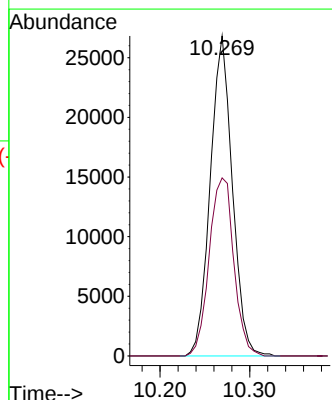
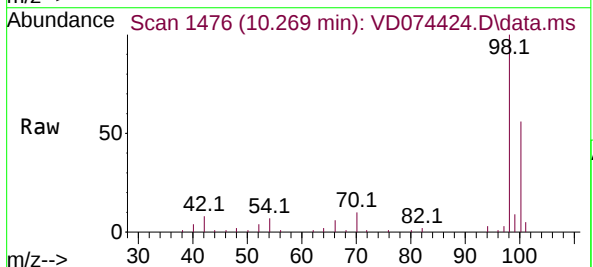
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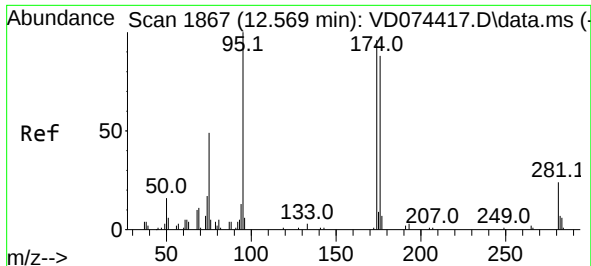
Tgt Ion:117 Resp: 3462
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 33.645 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 98 Resp: 45859
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0

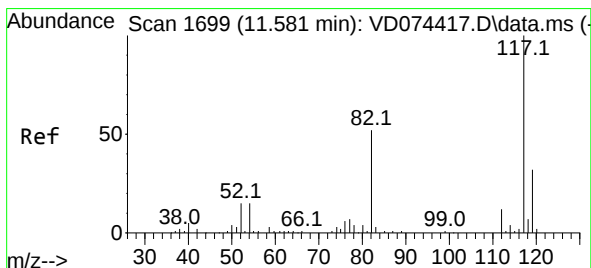
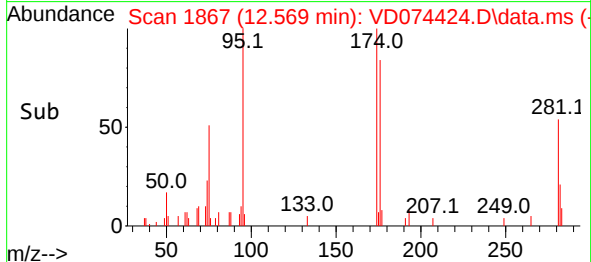
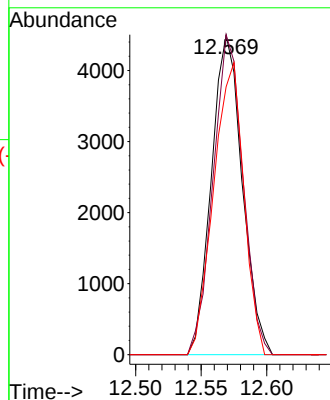
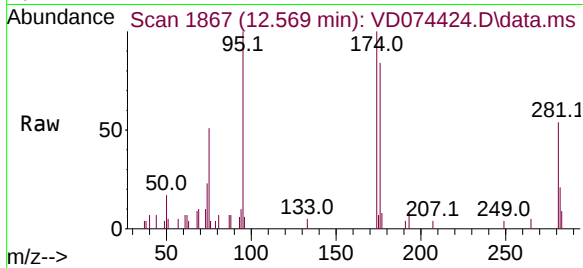




#62
4-Bromofluorobenzene
Concen: 10.773 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

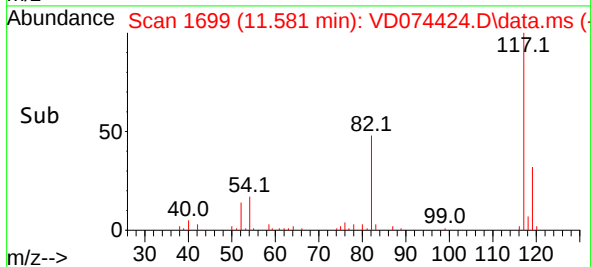
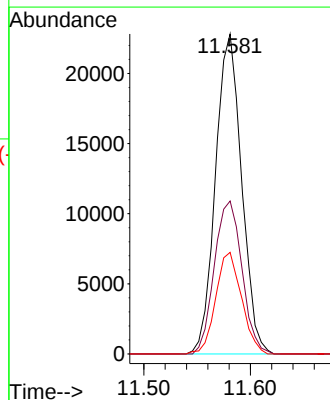
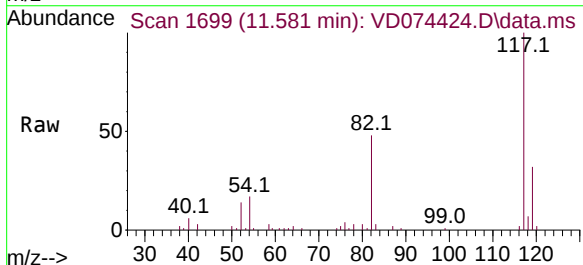
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

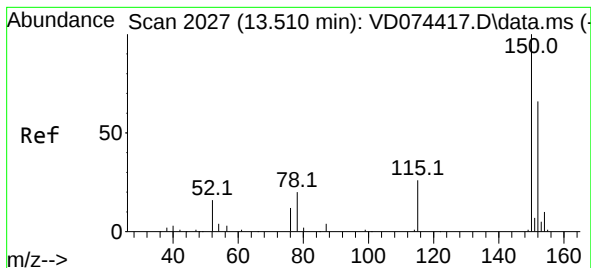
Tgt Ion: 95 Resp: 7347
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 89.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 117 Resp: 38828
Ion Ratio Lower Upper
117 100
82 47.8 41.6 62.4
119 31.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

A3-8-18

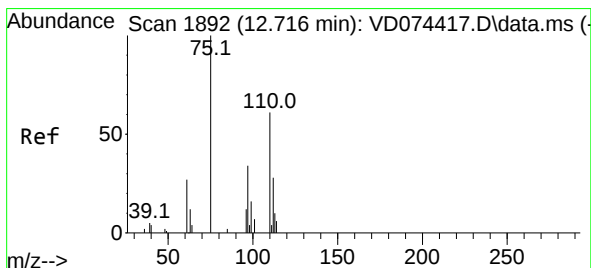
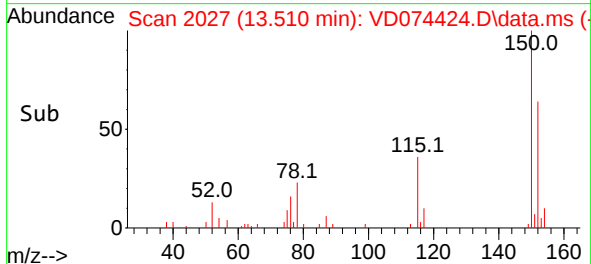
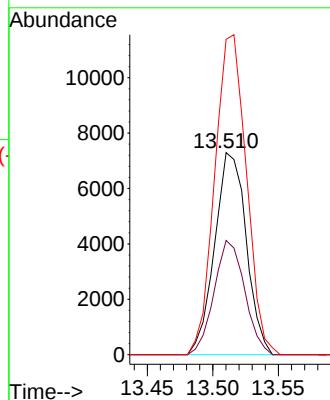
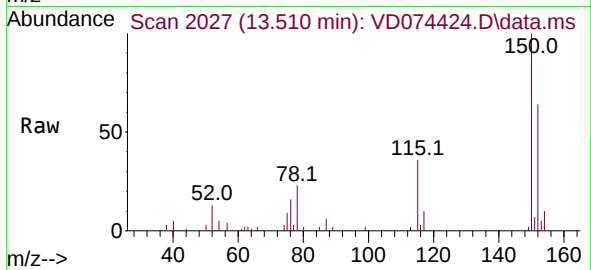
Tgt Ion:152 Resp: 12229

Ion Ratio Lower Upper

152 100

115 54.7 26.8 80.4

150 158.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 38.798 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.147 min

Lab File: VD074424.D

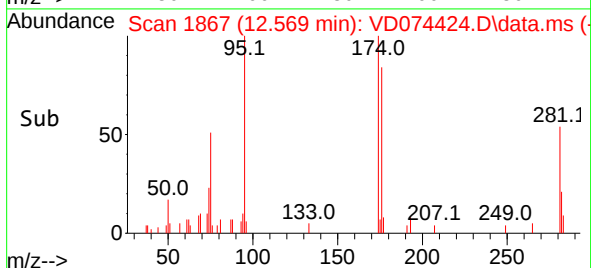
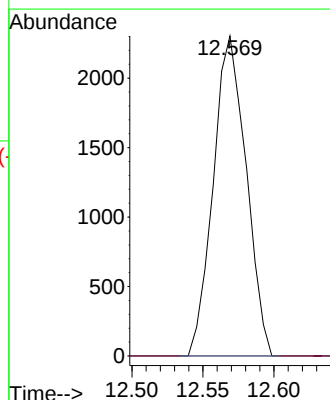
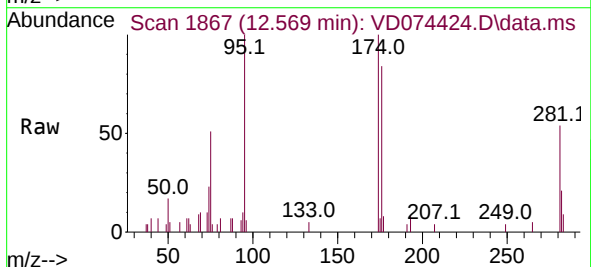
Acq: 26 Sep 2022 17:38

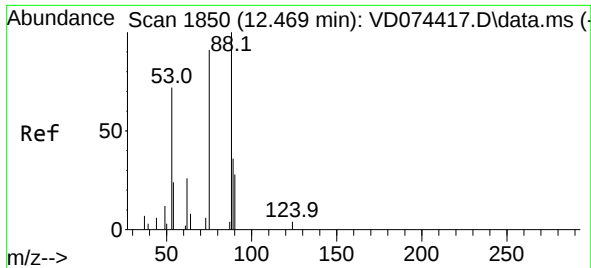
Tgt Ion: 75 Resp: 3711

Ion Ratio Lower Upper

75 100

77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.677 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074424.D
 Acq: 26 Sep 2022 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18

Tgt Ion: 75 Resp: 3711
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

