

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074427.D
 Acq On : 26 Sep 2022 19:03
 Operator : VA/SY
 Sample : N4764-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 354

Quant Time: Sep 27 04:10:50 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)

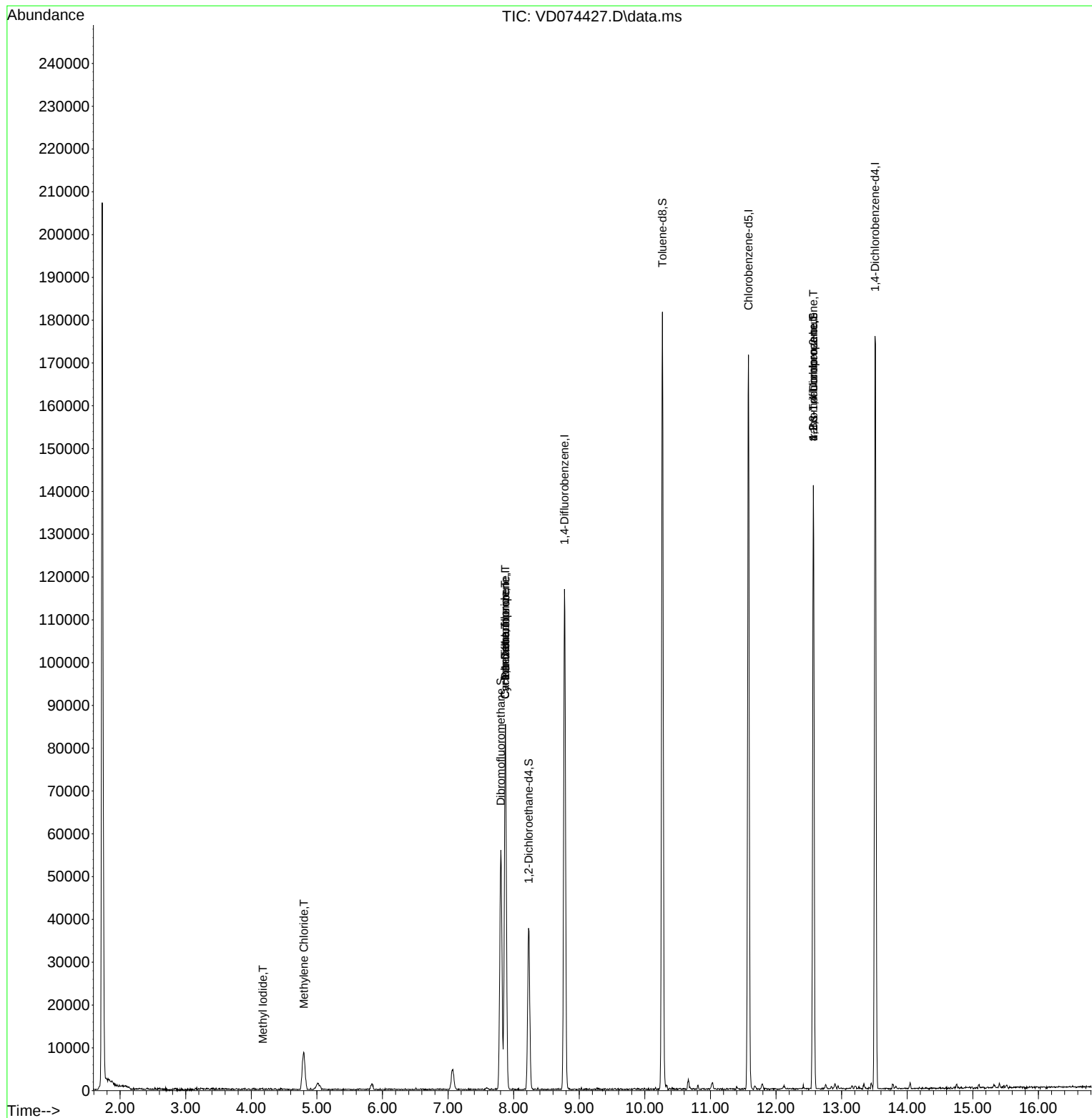
Internal Standards						
1) Pentafluorobenzene	7.875	168	68937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	112475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	106407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	52477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30203	50.889	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.804	113	40879	54.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.560%	
50) Toluene-d8	10.269	98	132629	51.852	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.569	95	43208	48.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	326	Below Cal	#	37
10) Methyl Iodide	4.175	142	252	7.482	ug/l #	43
11) Tert butyl alcohol	5.010	59	1656	Below Cal	#	84
17) Carbon Disulfide	4.263	76	68	Below Cal	#	73
20) Methylene Chloride	4.805	84	7805	2.275	ug/l	93
31) Cyclohexane	7.869	56	1358	1.348	ug/l #	8
36) 1,1-Dichloropropene	7.875	75	5002	4.897	ug/l #	47
38) Carbon Tetrachloride	7.869	117	6894	7.053	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	22120	53.892	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	22120	131.510	ug/l #	17

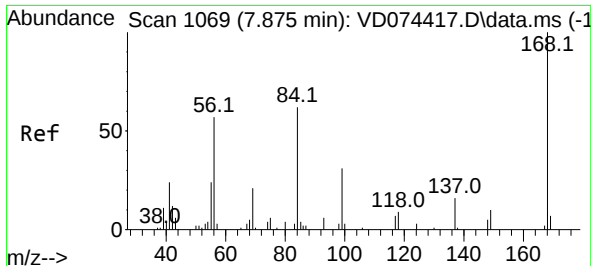
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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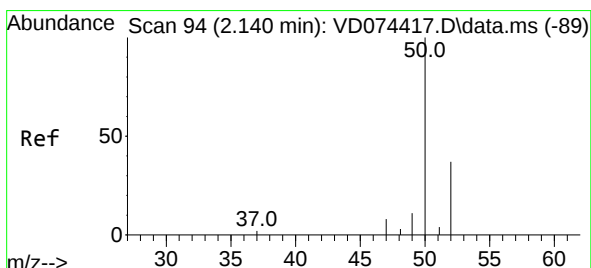
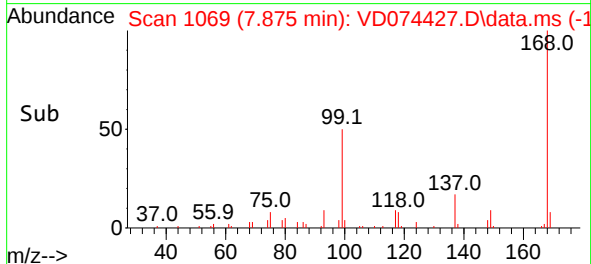
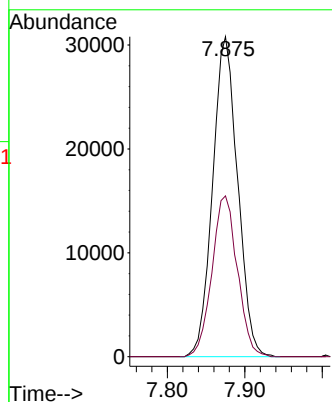
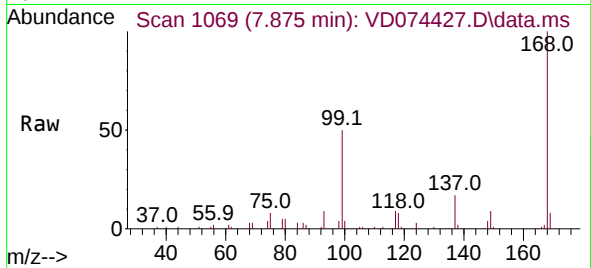




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

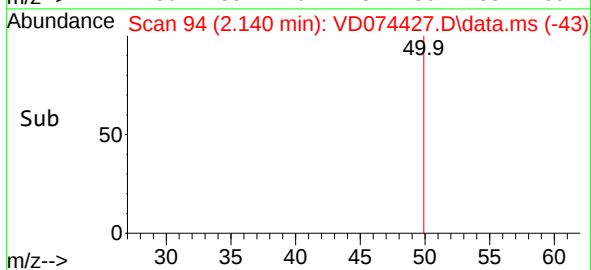
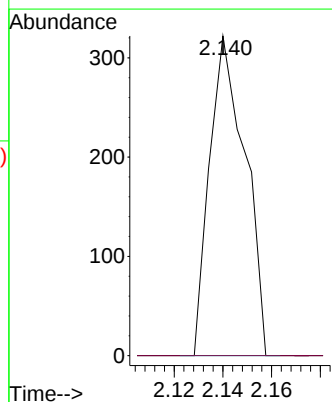
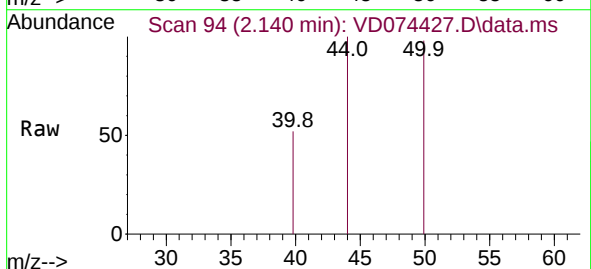
Instrument :
MSVOA_D
ClientSampleId :
354

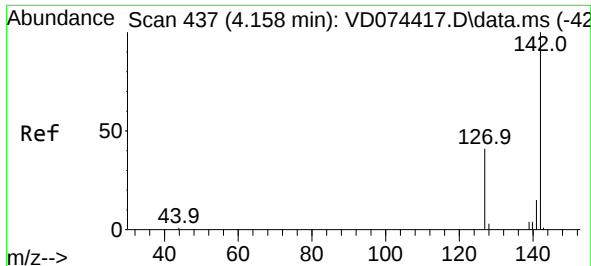
Tgt Ion:168 Resp: 68937
Ion Ratio Lower Upper
168 100
99 50.2 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

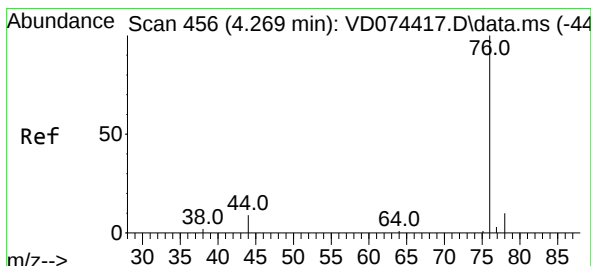
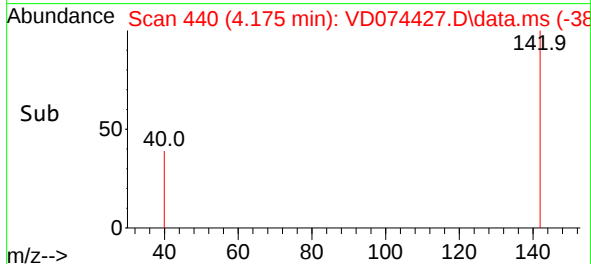
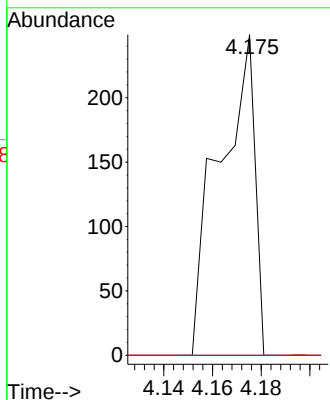
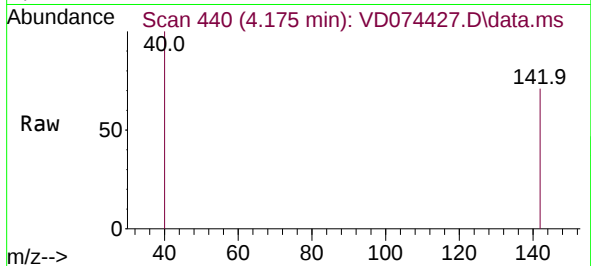




#10
Methyl Iodide
Concen: 7.482 ug/l
RT: 4.175 min Scan# 44
Delta R.T. 0.017 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

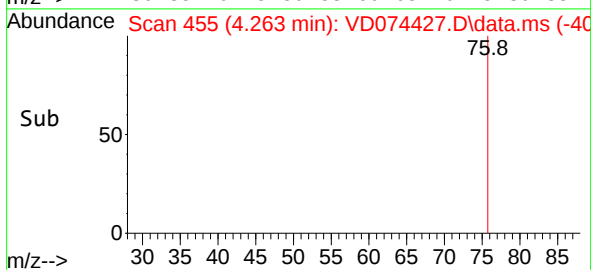
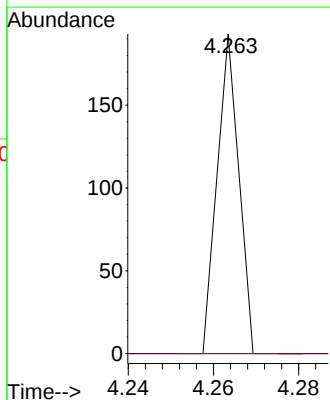
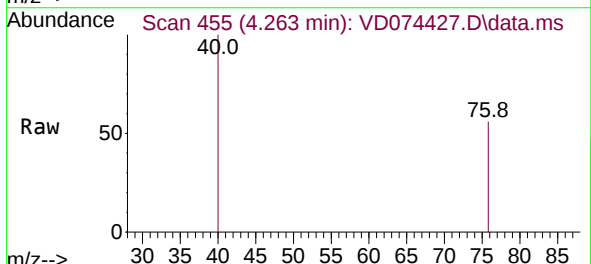
Instrument :
MSVOA_D
ClientSampleId :
354

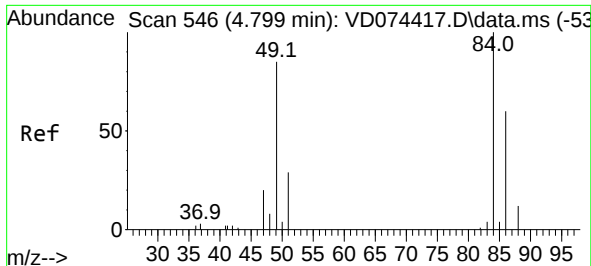
Tgt Ion:142 Resp: 252
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Tgt Ion: 76 Resp: 68
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#

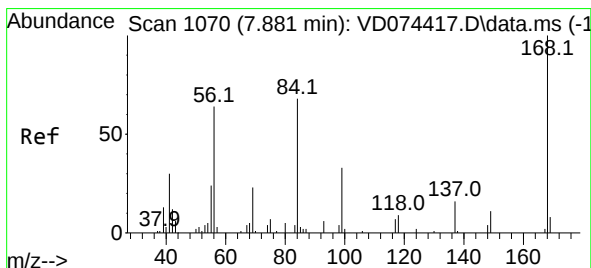
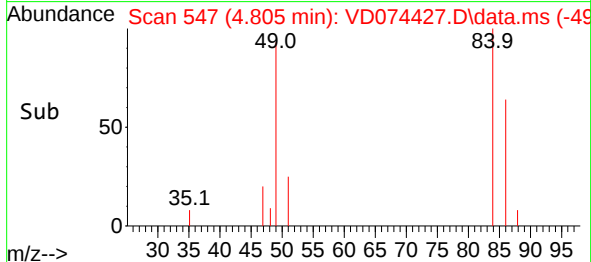
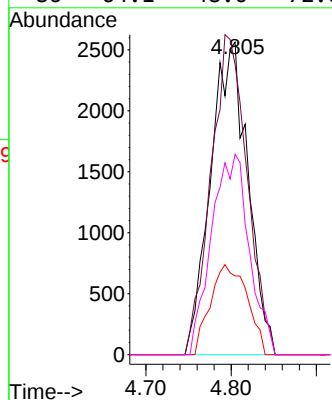
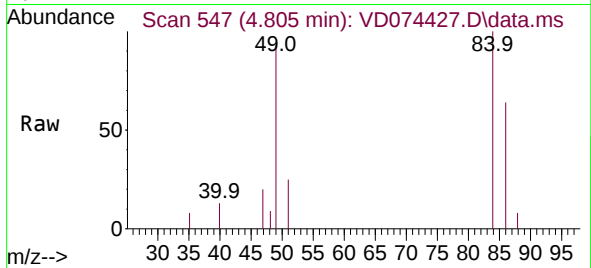




#20
Methylene Chloride
Concen: 2.275 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

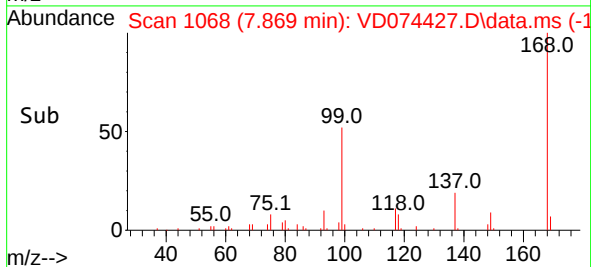
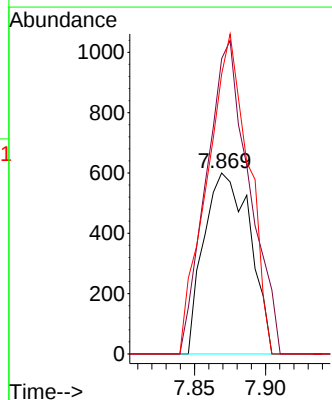
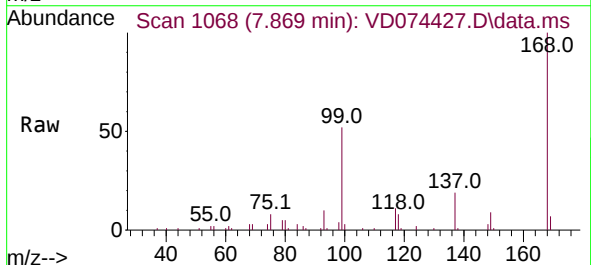
Instrument :
MSVOA_D
ClientSampleId :
354

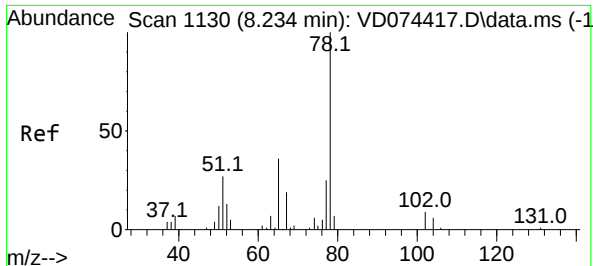
Tgt Ion: 84	Resp: 7805
Ion Ratio	Lower Upper
84 100	
49 92.8	68.0 102.0
51 25.2	23.2 34.8
86 64.1	48.0 72.0



#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Tgt Ion: 56	Resp: 1358		
Ion Ratio	Lower	Upper	
56	100		
69	163.2	29.2	43.8#
84	154.7	83.4	125.2#





#33

1,2-Dichloroethane-d4

Concen: 50.889 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074427.D

Acq: 26 Sep 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

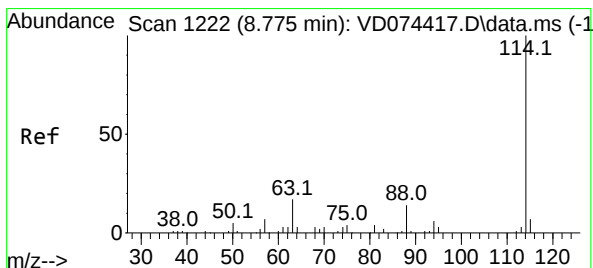
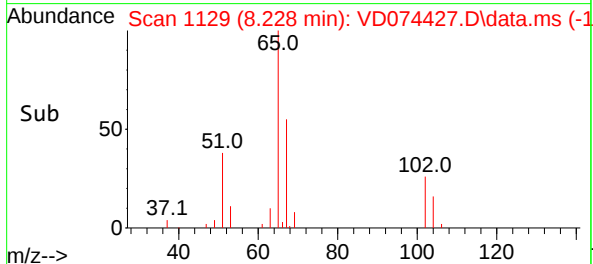
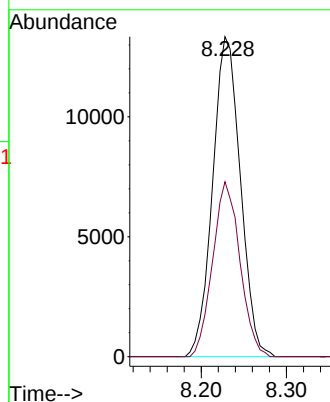
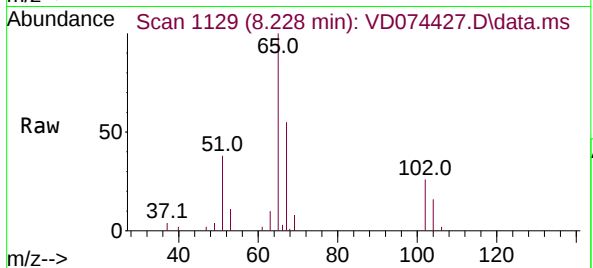
354

Tgt Ion: 65 Resp: 30203

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074427.D

Acq: 26 Sep 2022 19:03

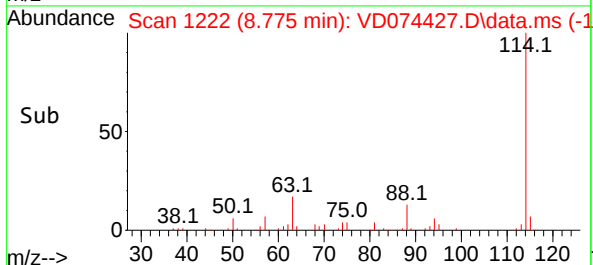
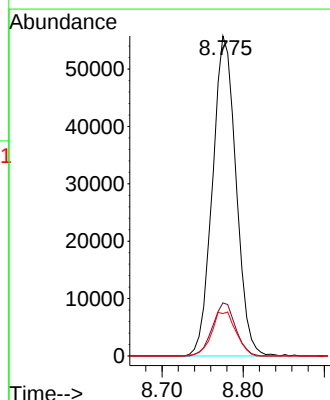
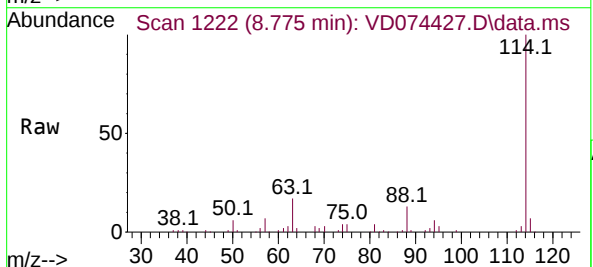
Tgt Ion: 114 Resp: 112475

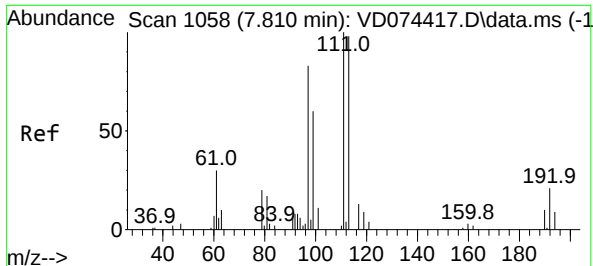
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 54.285 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074427.D

Acq: 26 Sep 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

354

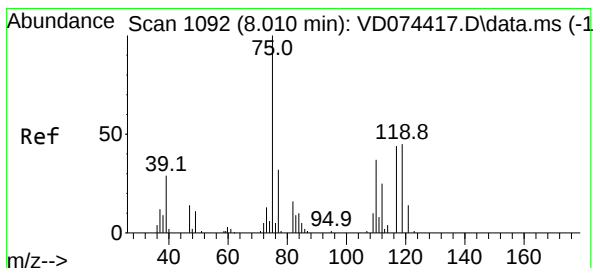
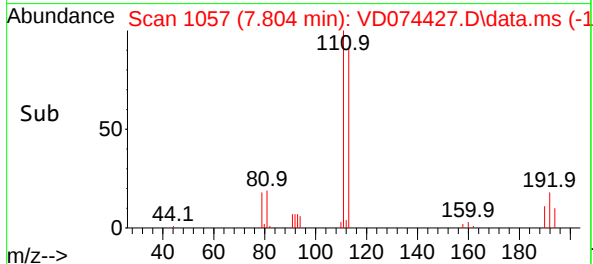
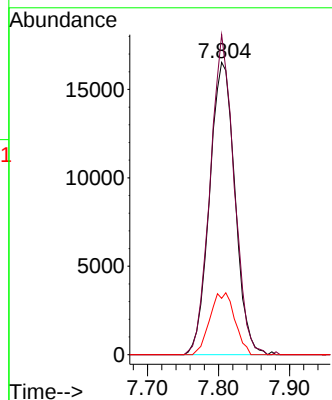
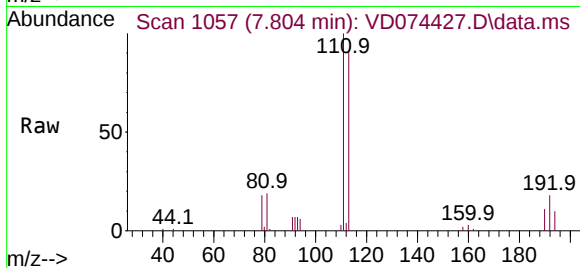
Tgt Ion:113 Resp: 40879

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.9 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.897 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074427.D

Acq: 26 Sep 2022 19:03

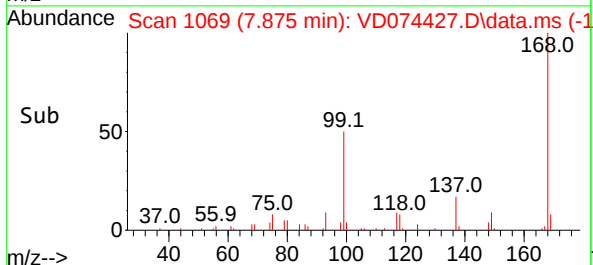
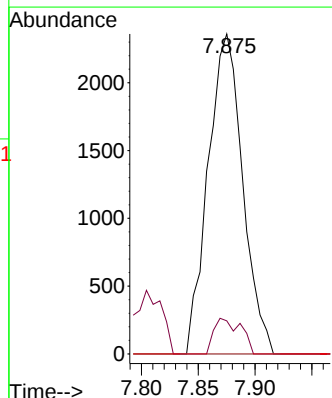
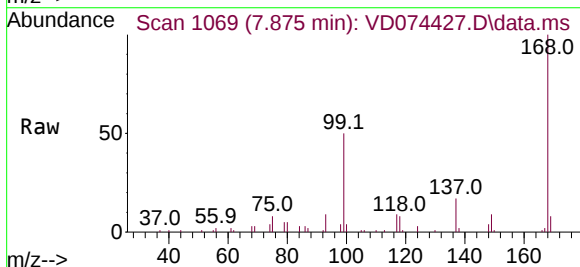
Tgt Ion: 75 Resp: 5002

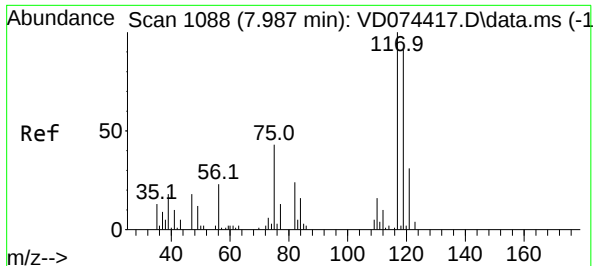
Ion Ratio Lower Upper

75 100

110 8.7 19.7 59.0#

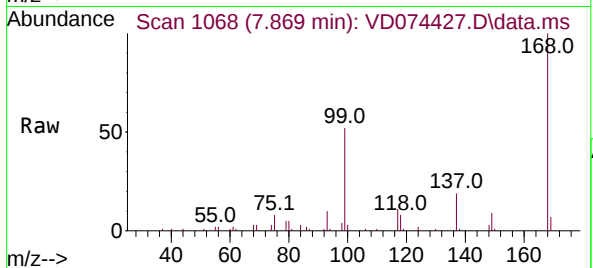
77 0.0 25.4 38.2#



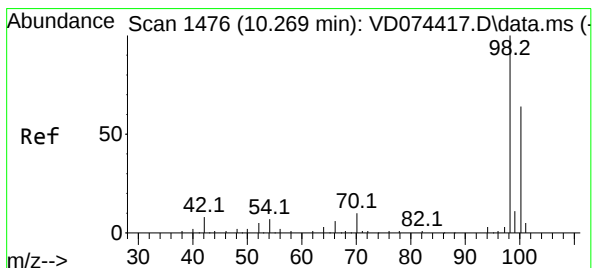
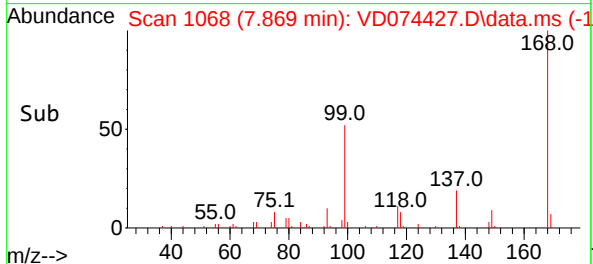
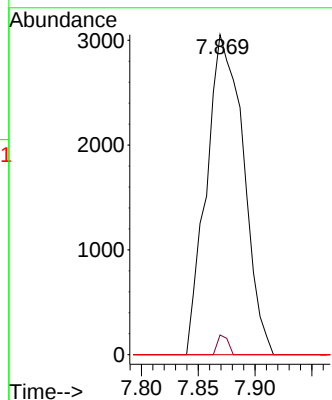


#38
Carbon Tetrachloride
Concen: 7.053 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Instrument :
MSVOA_D
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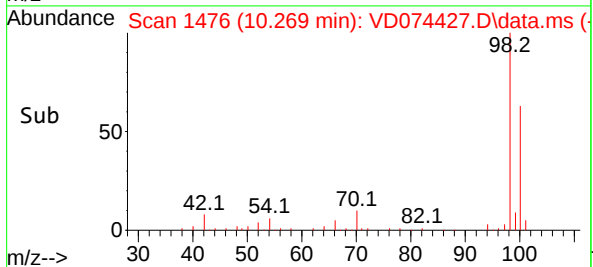
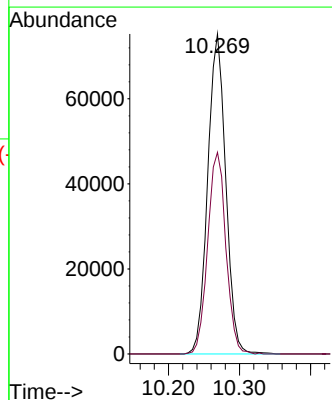
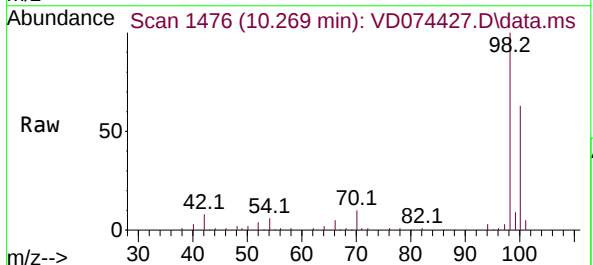


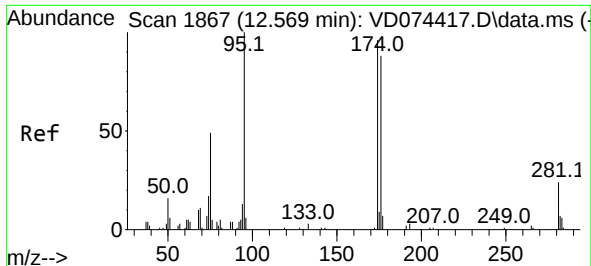
Tgt Ion:117 Resp: 6894
Ion Ratio Lower Upper
117 100
119 6.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Tgt Ion: 98 Resp: 132629
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

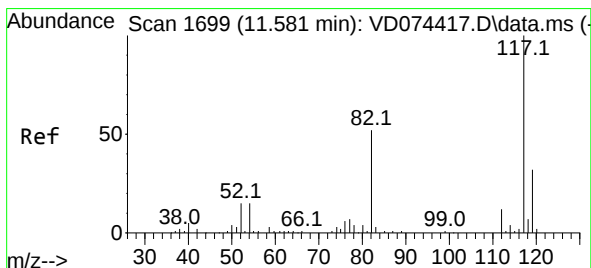
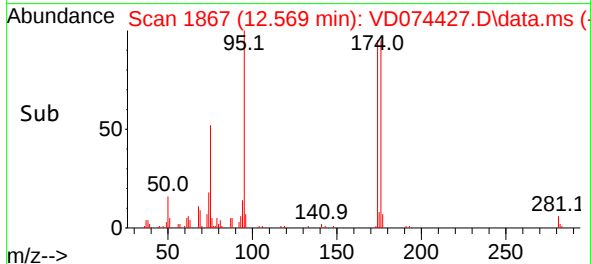
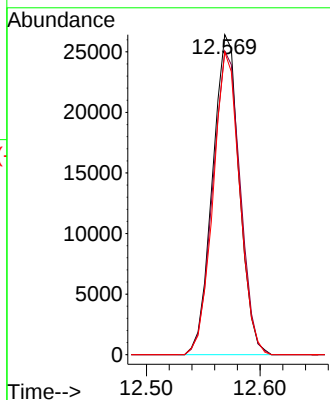
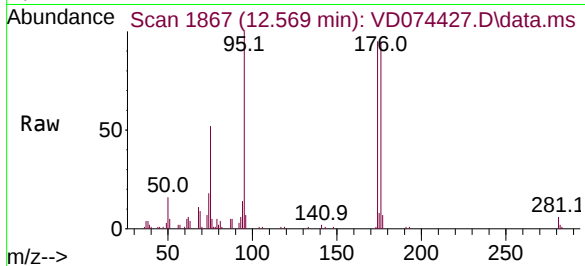




#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

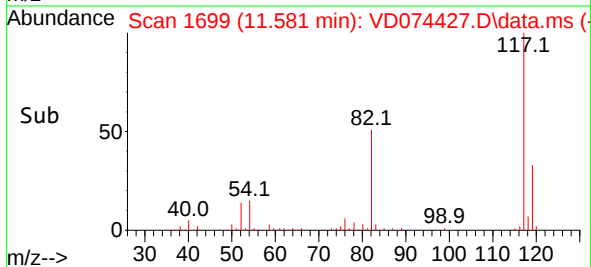
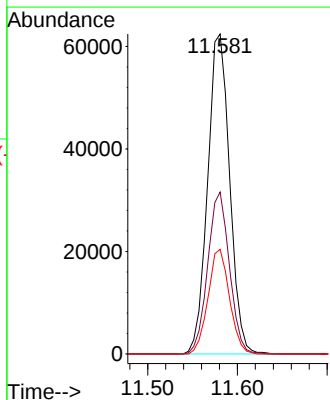
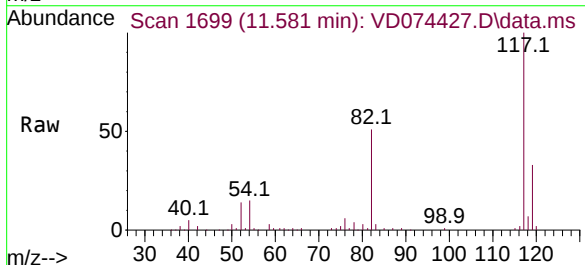
Instrument :
MSVOA_D
ClientSampleId :
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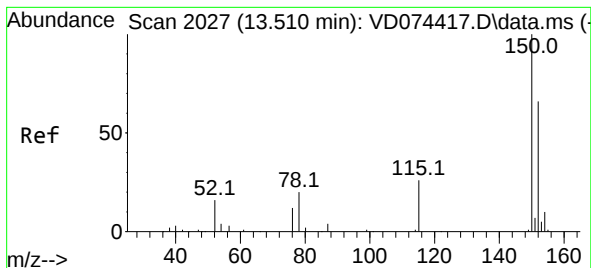
Tgt Ion:	95	Resp:	43208
Ion Ratio	Lower	Upper	
95	100		
174	97.0	0.0	197.0
176	93.2	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074427.D
Acq: 26 Sep 2022 19:03

Tgt Ion:	117	Resp:	106407
Ion Ratio	Lower	Upper	
117	100		
82	50.6	41.6	62.4
119	32.7	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. 0.000 min

Lab File: VD074427.D

Acq: 26 Sep 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

354

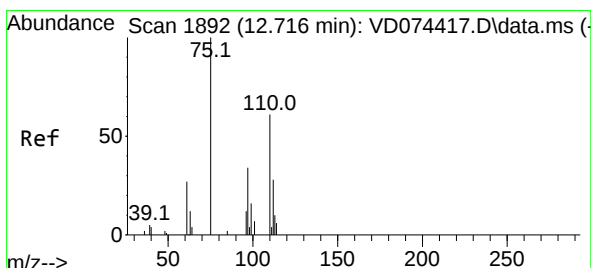
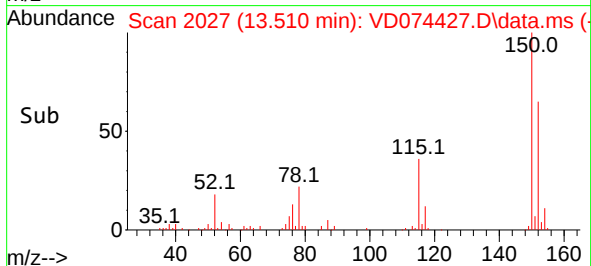
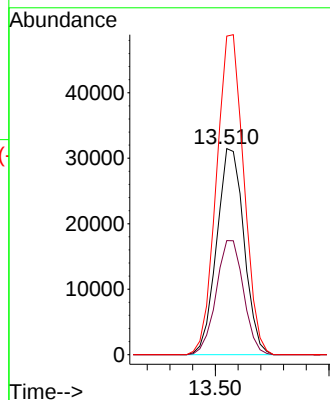
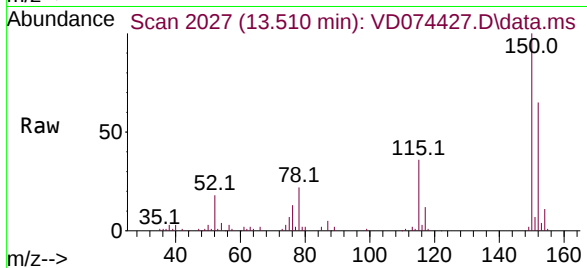
Tgt Ion:152 Resp: 52477

Ion Ratio Lower Upper

152 100

115 55.4 26.8 80.4

150 155.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 53.892 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.147 min

Lab File: VD074427.D

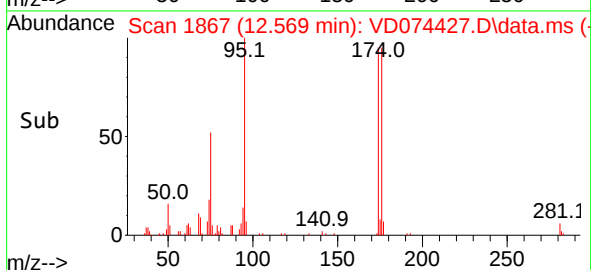
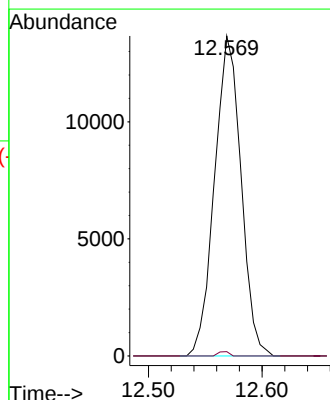
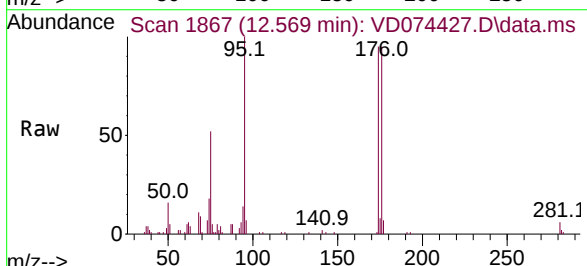
Acq: 26 Sep 2022 19:03

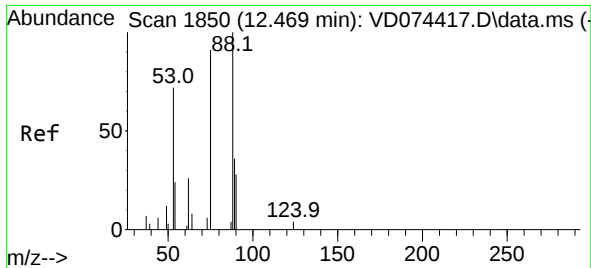
Tgt Ion: 75 Resp: 22120

Ion Ratio Lower Upper

75 100

77 0.6 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.510 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074427.D
 Acq: 26 Sep 2022 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 354

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

