

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074568.D
 Acq On : 18 Oct 2022 16:34
 Operator : VA/SY
 Sample : N5172-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722

Quant Time: Oct 19 02:46:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

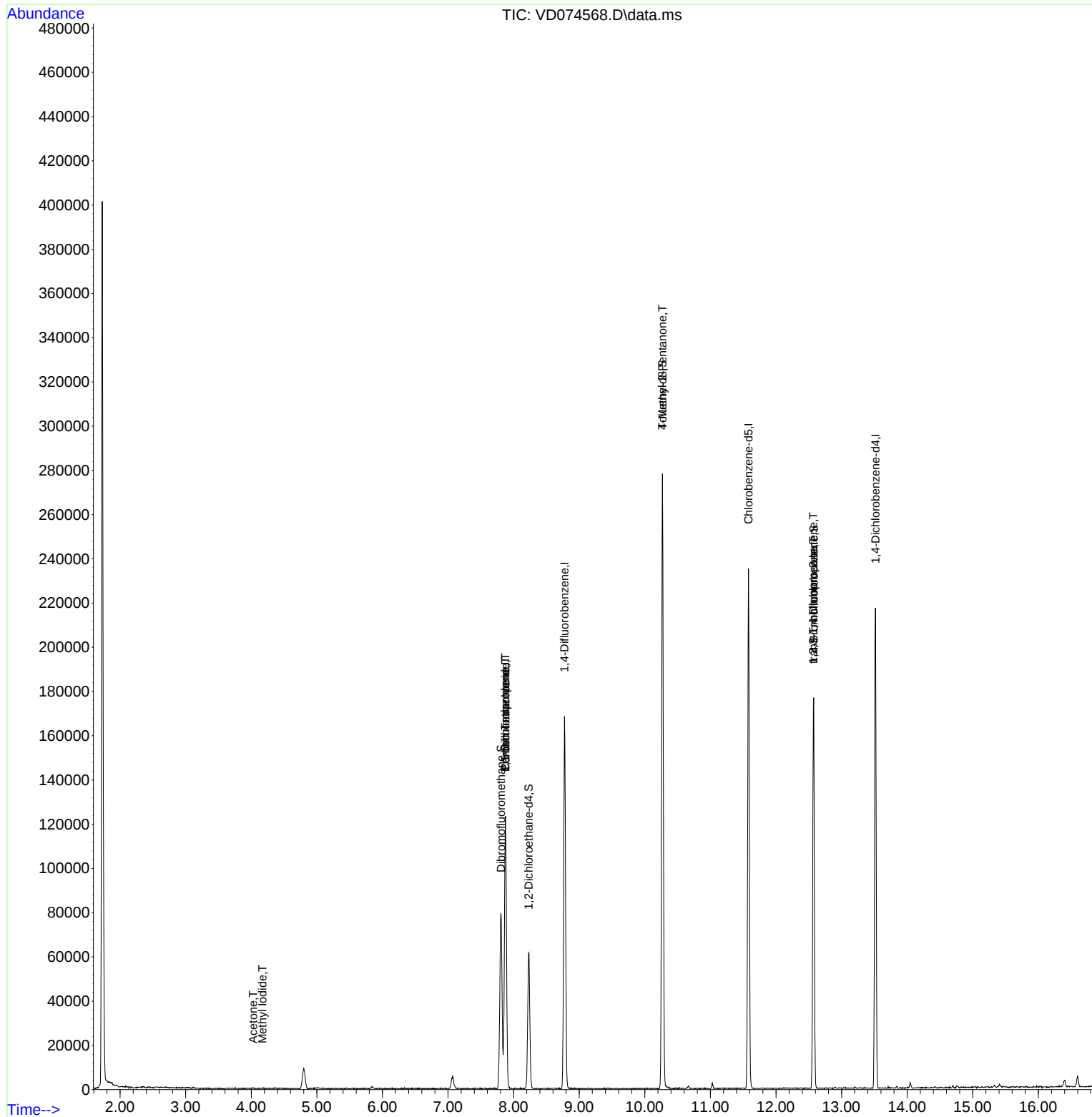
Internal Standards						
1) Pentafluorobenzene	7.875	168	100117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	159757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	144409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47665	55.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.620%	
35) Dibromofluoromethane	7.811	113	58368	61.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.540%	
50) Toluene-d8	10.269	98	199984	54.520	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.575	95	55188	49.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.040%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.170	142	159	5.397	ug/l #	43
11) Tert butyl alcohol	5.028	59	55	Below Cal	#	84
16) Acetone	4.028	43	275	1.479	ug/l #	37
20) Methylene Chloride	4.799	84	7888	Below Cal		92
36) 1,1-Dichloropropene	7.875	75	7157	4.668	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9882	6.971	ug/l #	19
51) 4-Methyl-2-Pentanone	10.269	43	532	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	27767	52.911	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	27767	134.215	ug/l #	17

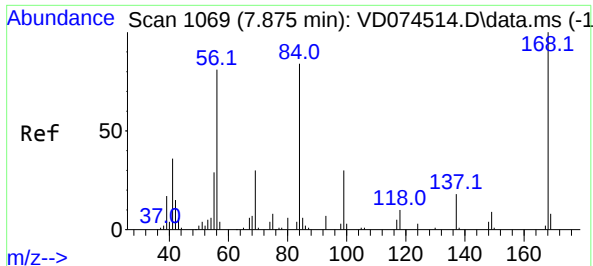
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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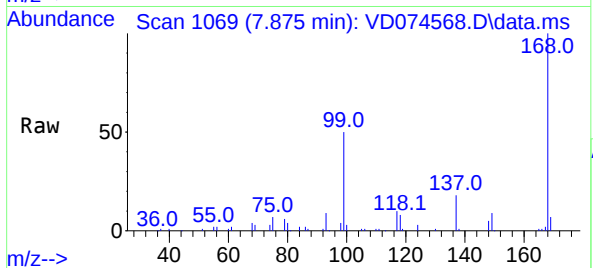
Quant Time: Oct 19 02:46:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
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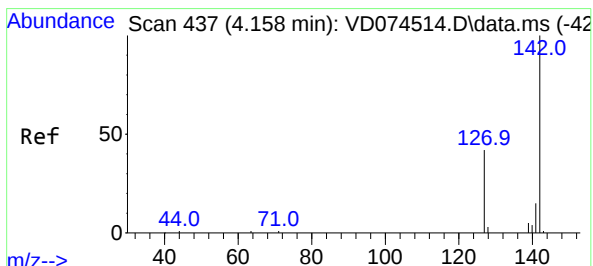
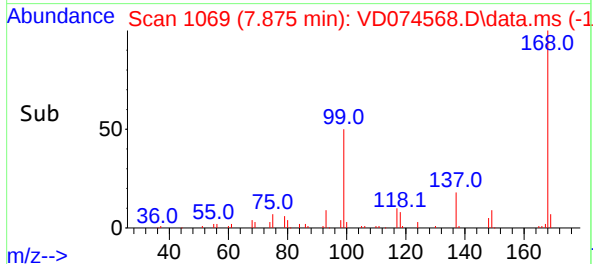
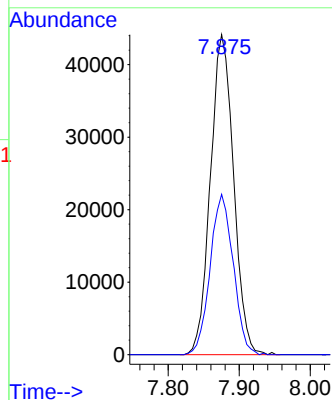


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

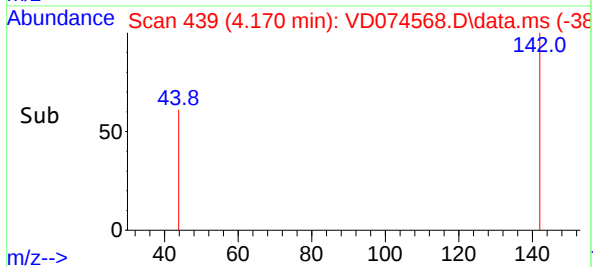
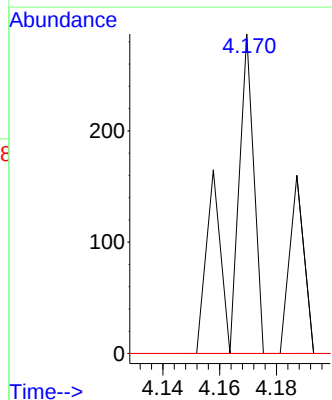
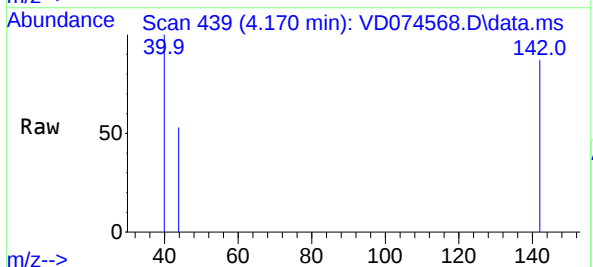


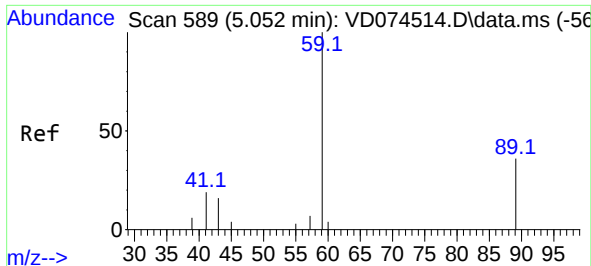
Tgt Ion:168 Resp: 100117
Ion Ratio Lower Upper
168 100
99 50.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.397 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.012 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

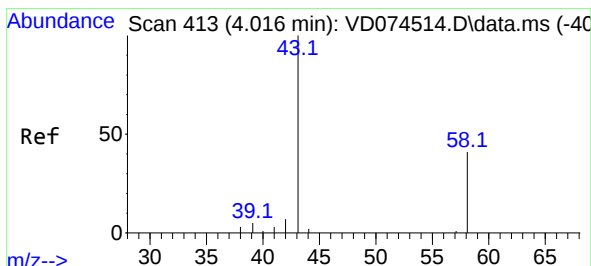
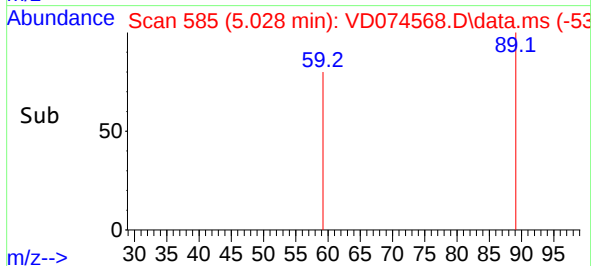
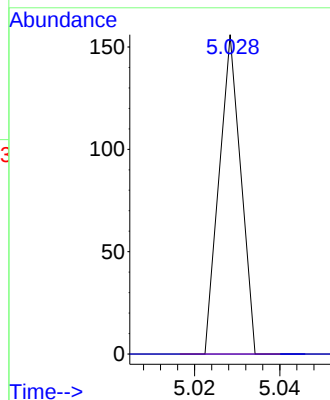
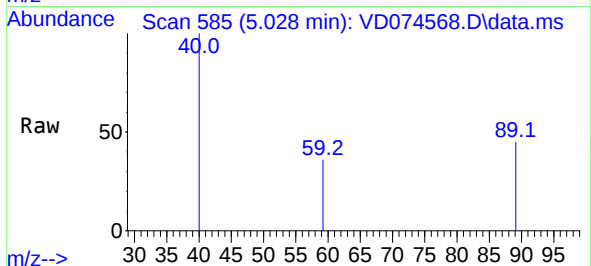




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

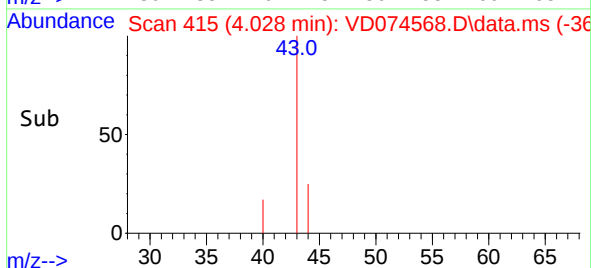
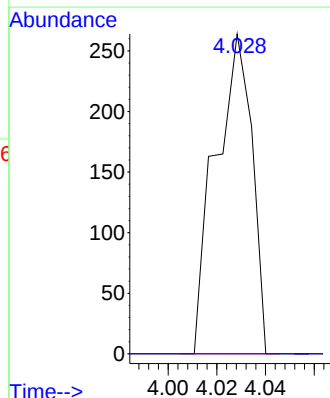
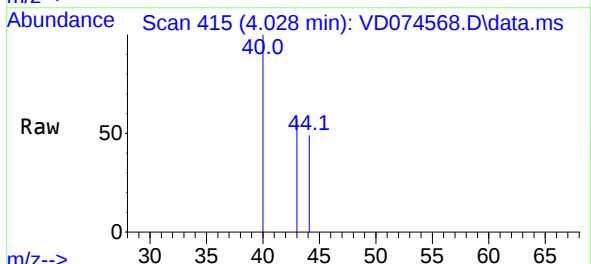
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

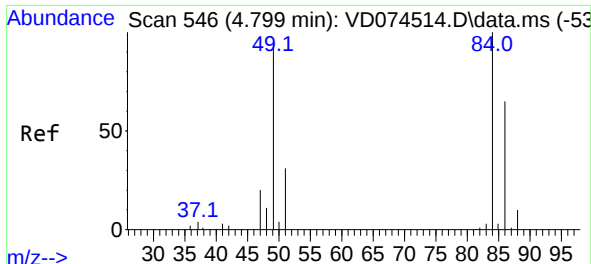
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.479 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



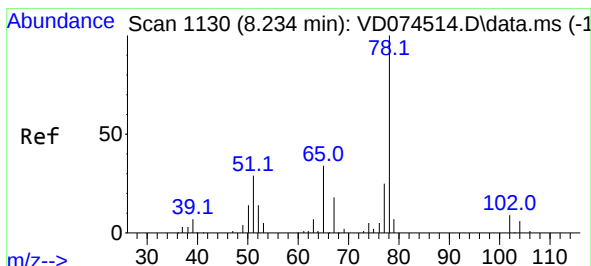
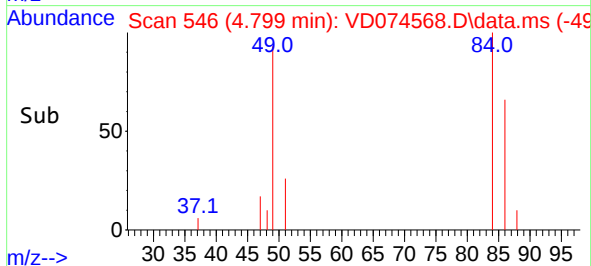
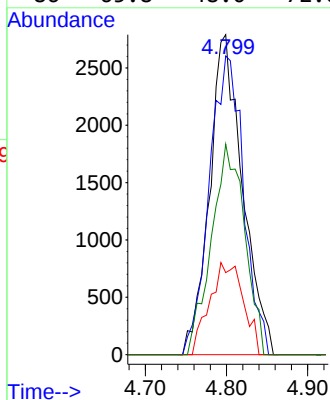
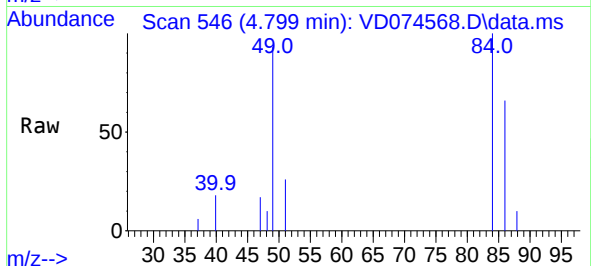


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

Tgt Ion: 84 Resp: 7888

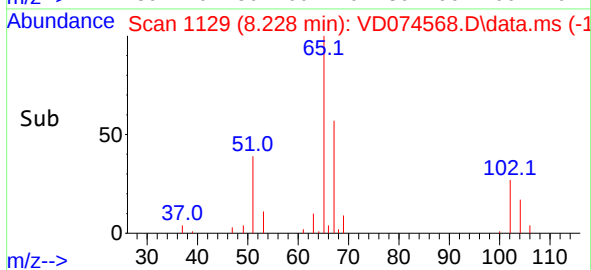
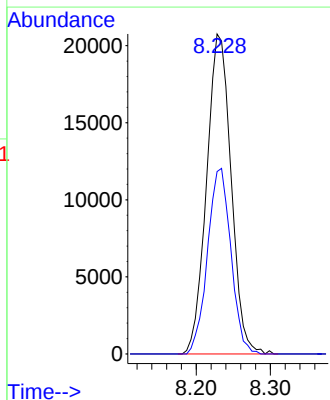
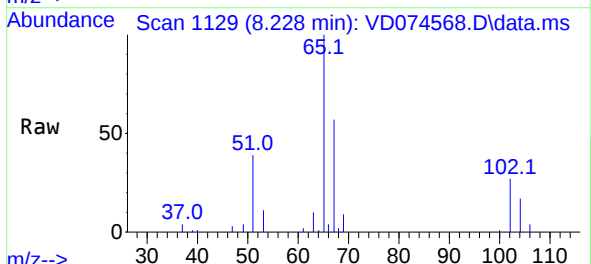
Ion	Ratio	Lower	Upper
84	100		
49	93.3	68.0	102.0
51	25.6	23.2	34.8
86	65.8	48.0	72.0

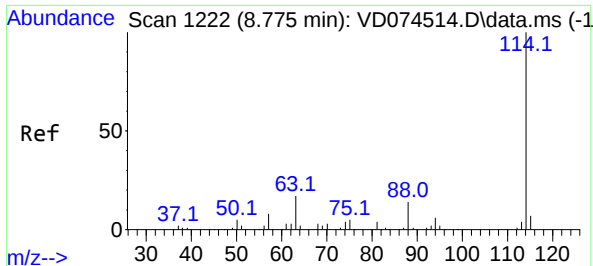


#33
1,2-Dichloroethane-d4
Concen: 55.311 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion: 65 Resp: 47665

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

BU-02-101722

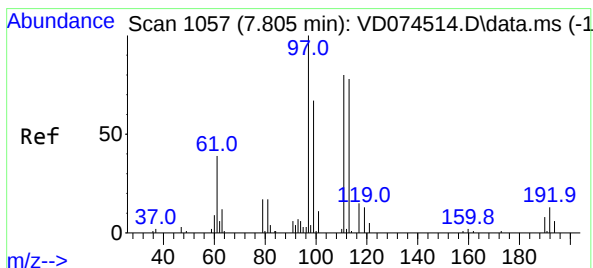
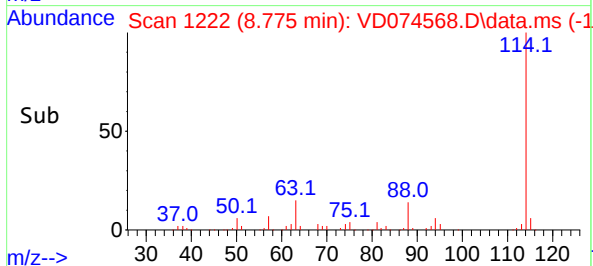
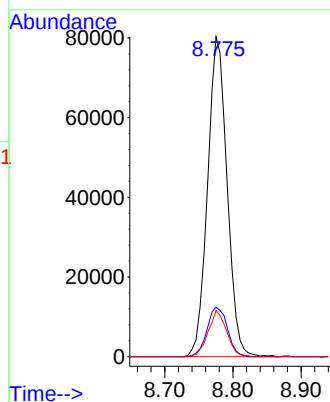
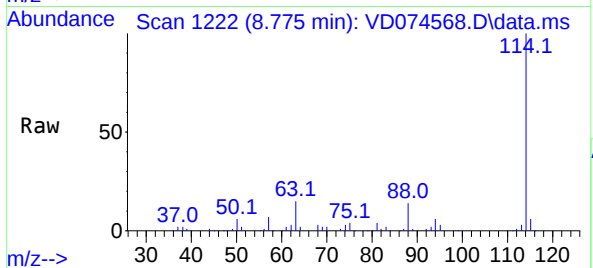
Tgt Ion:114 Resp: 159757

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 61.275 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

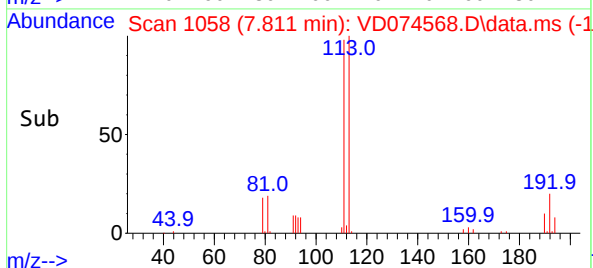
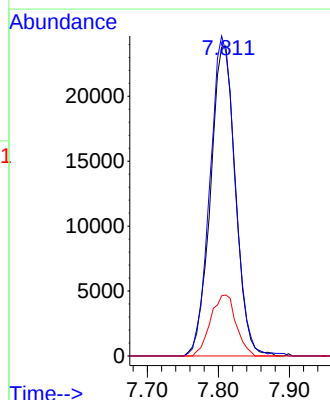
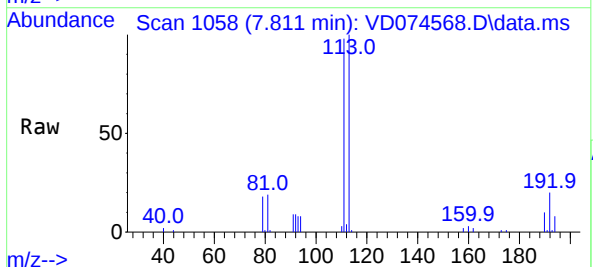
Tgt Ion:113 Resp: 58368

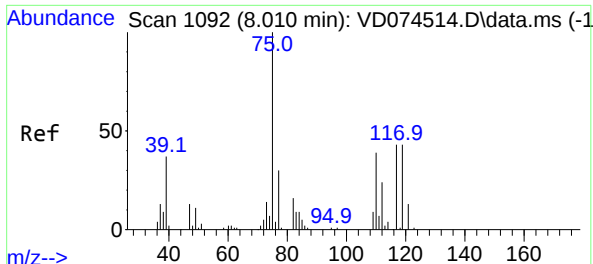
Ion Ratio Lower Upper

113 100

111 103.6 82.3 123.5

192 20.0 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.668 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

Instrument :

MSVOA_D

ClientSampleId :

BU-02-101722

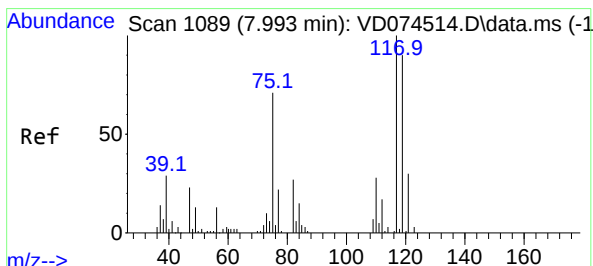
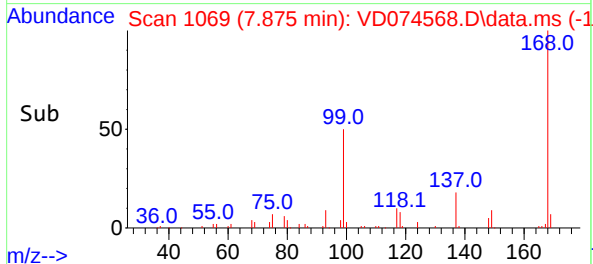
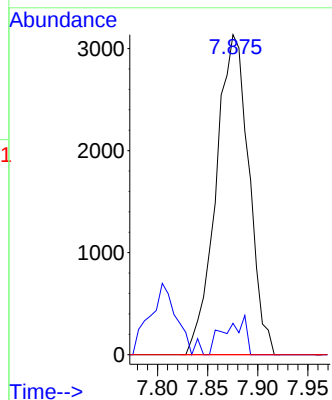
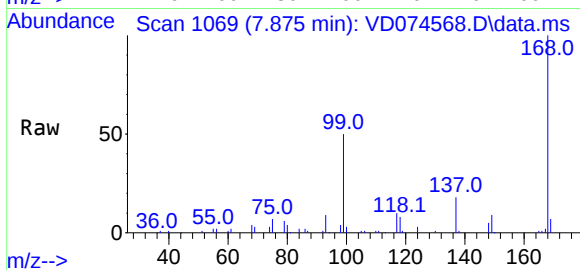
Tgt Ion: 75 Resp: 7157

Ion Ratio Lower Upper

75 100

110 7.8 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.971 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074568.D

Acq: 18 Oct 2022 16:34

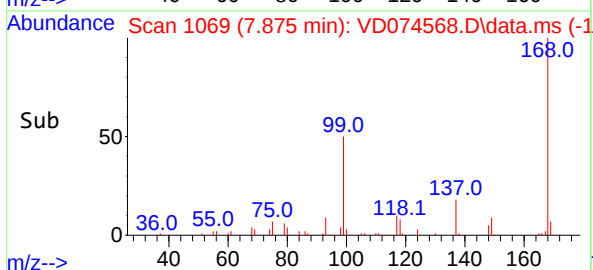
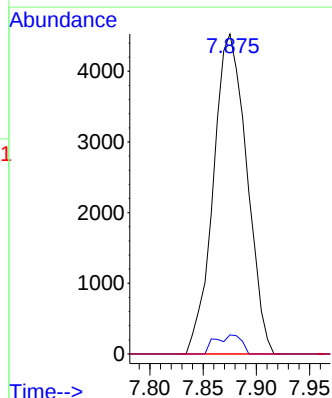
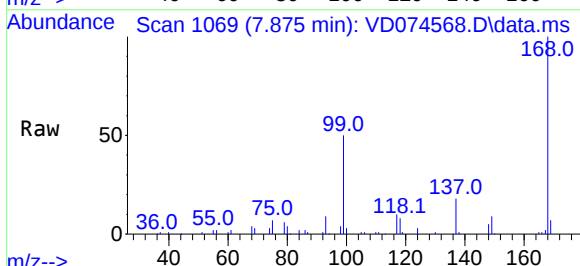
Tgt Ion: 117 Resp: 9882

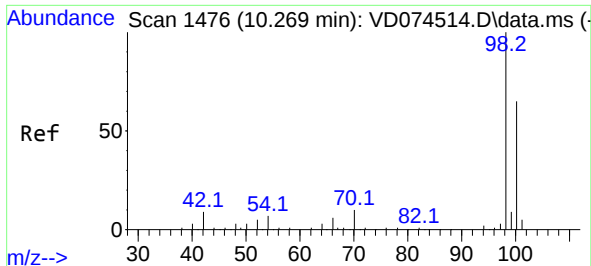
Ion Ratio Lower Upper

117 100

119 5.9 73.1 109.7#

121 0.0 25.0 37.6#

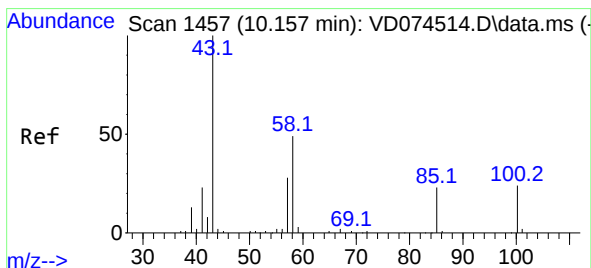
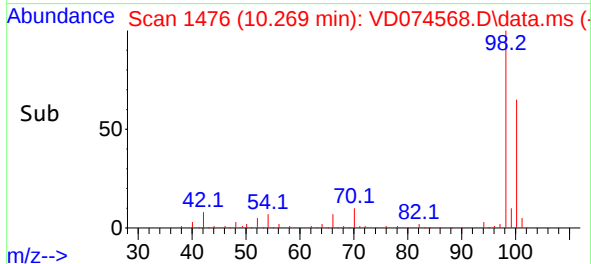
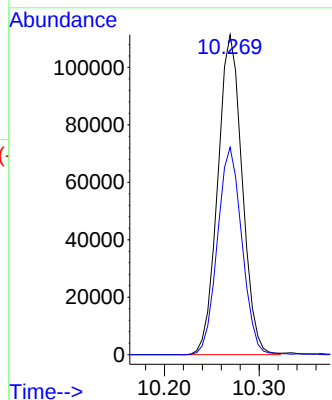
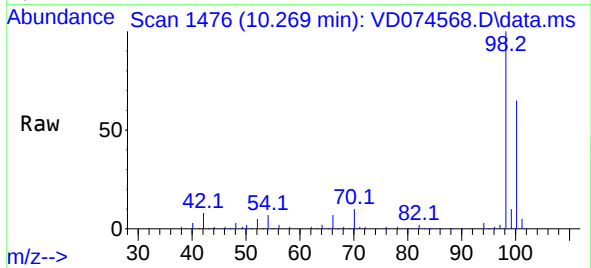




#50
Toluene-d8
Concen: 54.520 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

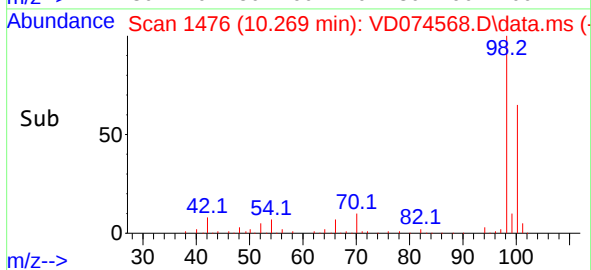
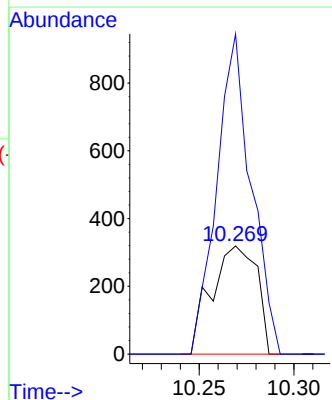
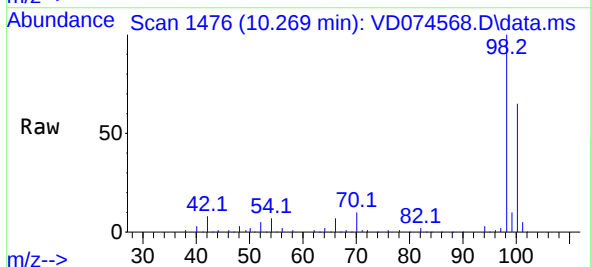
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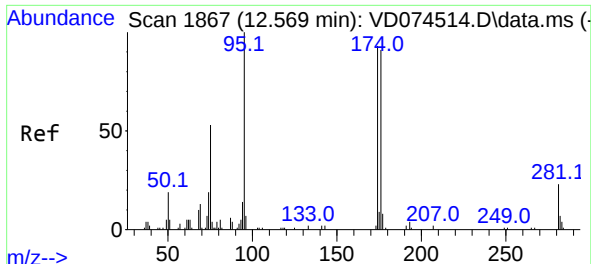
Tgt Ion: 98 Resp: 199984
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.163 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
58 225.4 37.8 56.6#

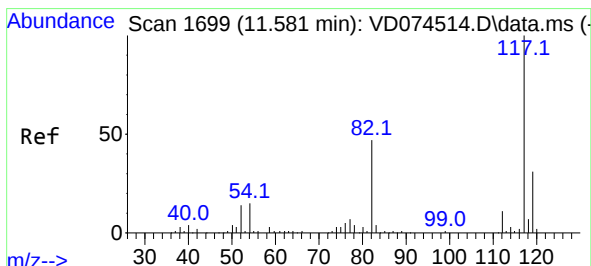
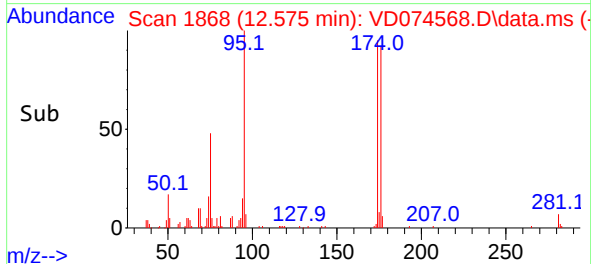
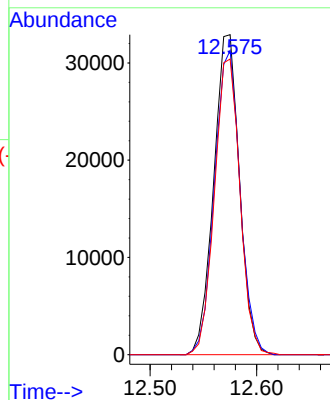
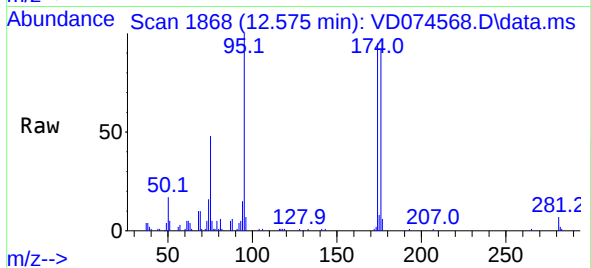




#62
4-Bromofluorobenzene
Concen: 49.022 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

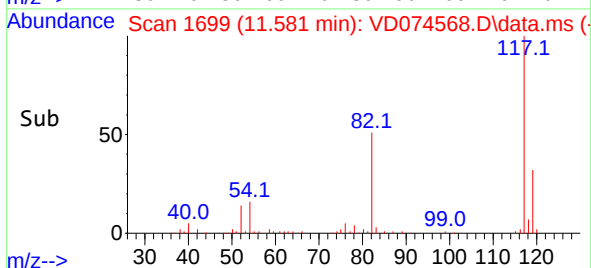
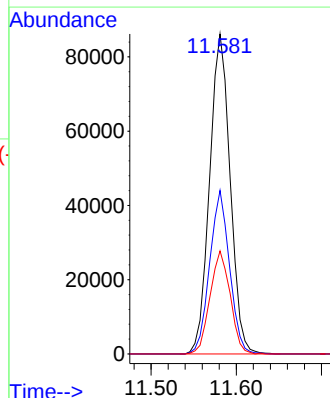
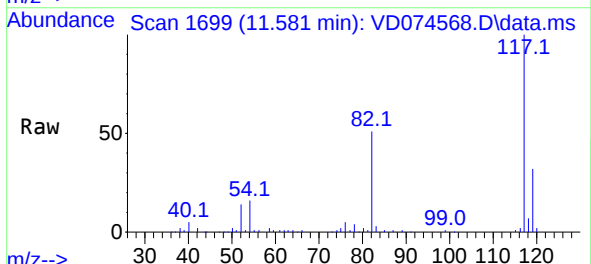
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

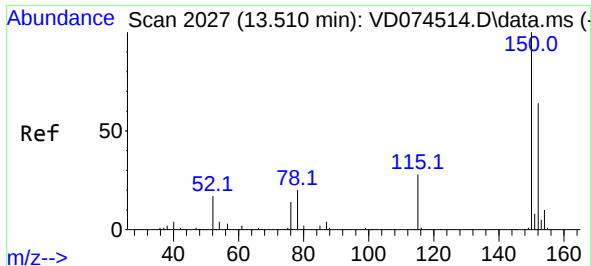
Tgt Ion:	95	Resp:	55188
Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	197.0
176	91.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

Tgt Ion:	117	Resp:	144409
Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.6	62.4
119	32.2	25.2	37.8

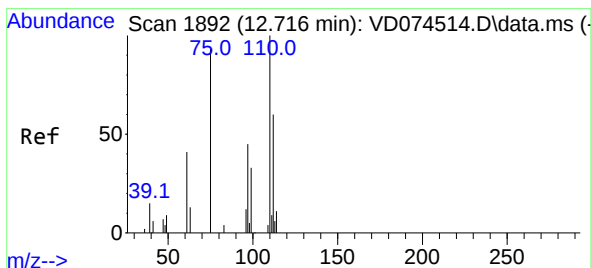
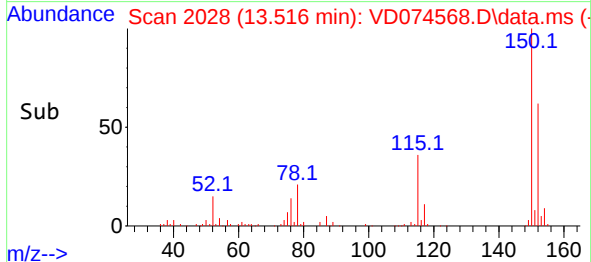
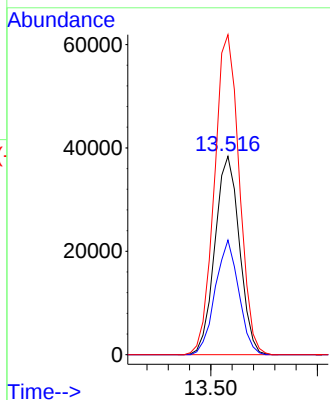
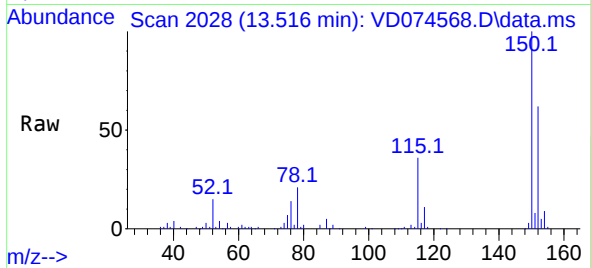




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

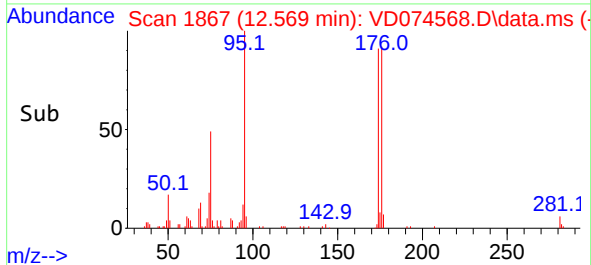
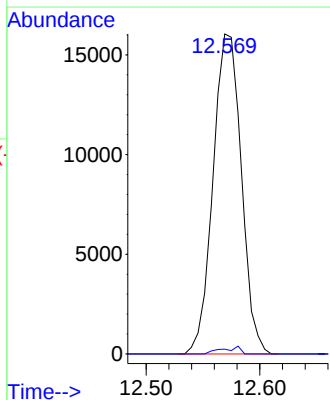
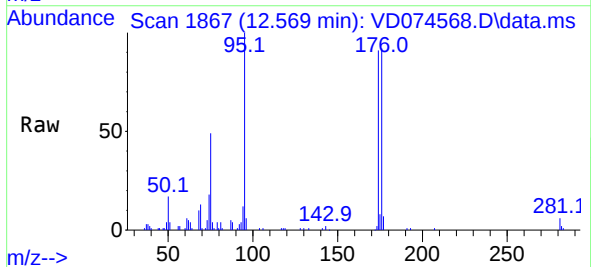
Instrument :
MSVOA_D
ClientSampleId :
BU-02-101722

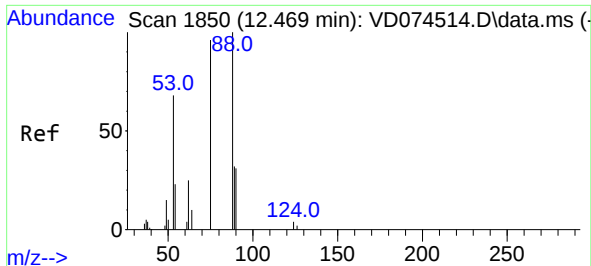
Tgt Ion:152 Resp: 61406
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 163.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 52.911 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074568.D
Acq: 18 Oct 2022 16:34

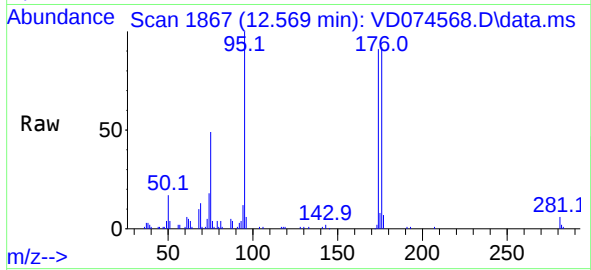
Tgt Ion: 75 Resp: 27767
Ion Ratio Lower Upper
75 100
77 1.5 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.215 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074568.D
 Acq: 18 Oct 2022 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-02-101722



Tgt Ion:	75	Resp:	27767
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

