

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074561.D
 Acq On : 18 Oct 2022 13:03
 Operator : VA/SY
 Sample : N5160-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-101422

Quant Time: Oct 19 01:31:40 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)

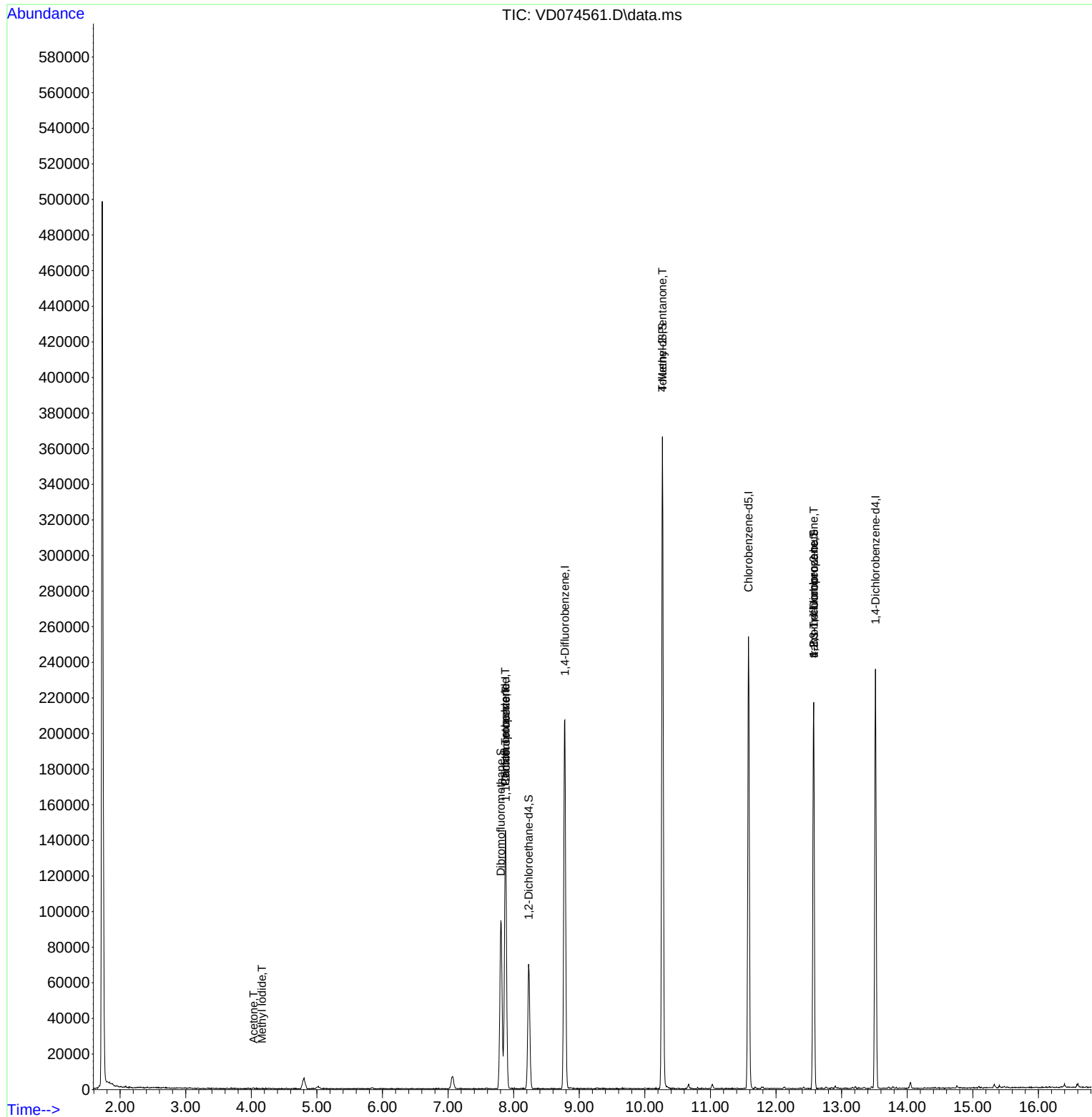
Internal Standards						
1) Pentafluorobenzene	7.875	168	116795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54177	53.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.804	113	69052	57.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.640%	
50) Toluene-d8	10.269	98	257821	55.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	12.575	95	64133	44.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	311	5.453	ug/l #	43
11) Tert butyl alcohol	5.010	59	502	Below Cal	#	84
16) Acetone	4.034	43	515	2.375	ug/l #	37
20) Methylene Chloride	4.799	84	5254	Below Cal	#	92
36) 1,1-Dichloropropene	7.881	75	8246	4.266	ug/l #	46
38) Carbon Tetrachloride	7.875	117	11082	6.201	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	626	1.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32893	59.268	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	32893	150.340	ug/l #	17

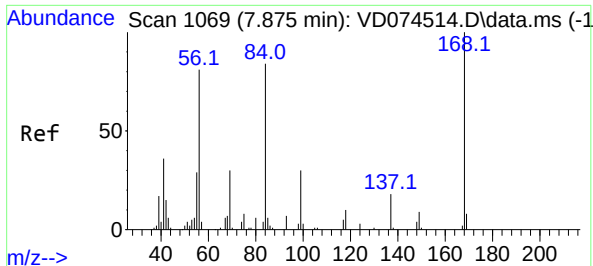
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
Data File : VD074561.D
Acq On : 18 Oct 2022 13:03
Operator : VA/SY
Sample : N5160-01RE
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

Quant Time: Oct 19 01:31:40 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

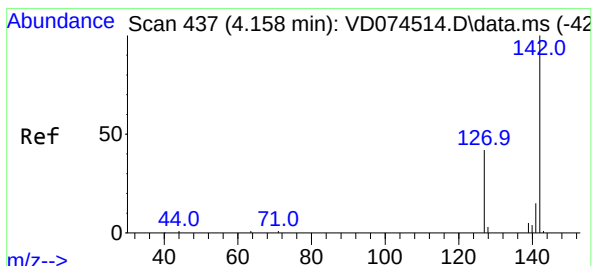
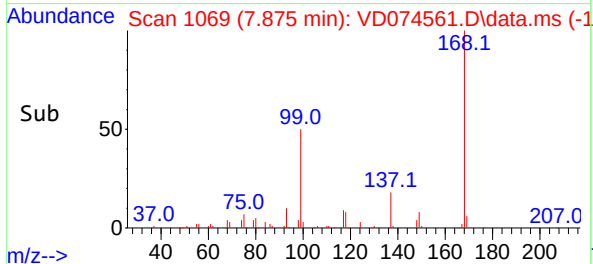
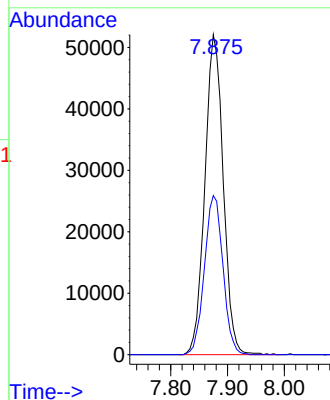
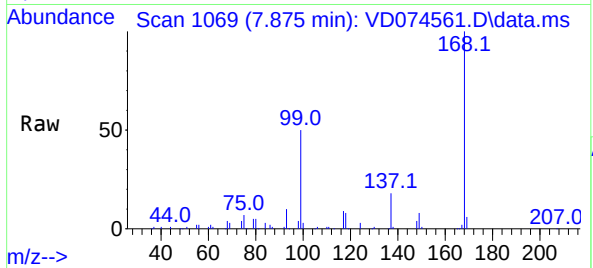




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

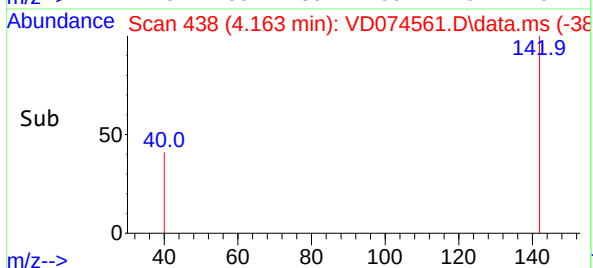
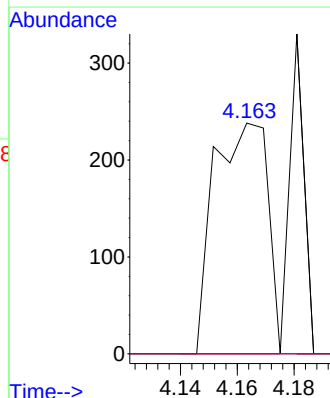
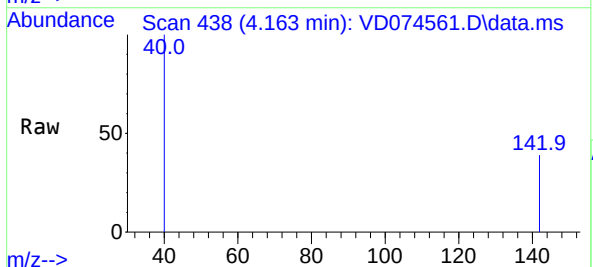
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

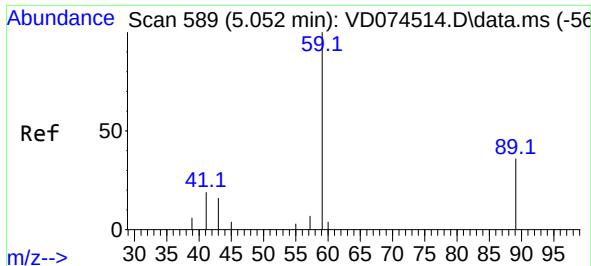
Tgt Ion:168 Resp: 116795
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.453 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion:142 Resp: 311
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

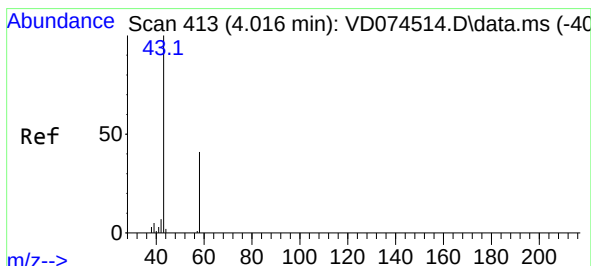
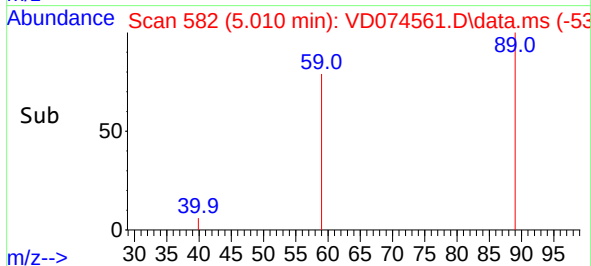
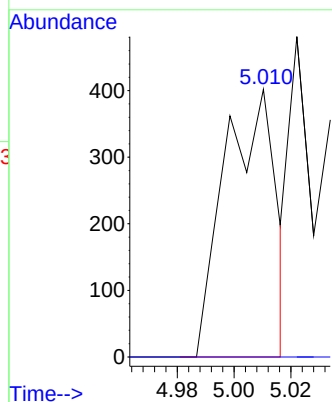
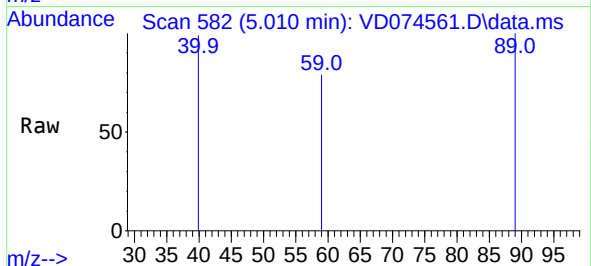




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

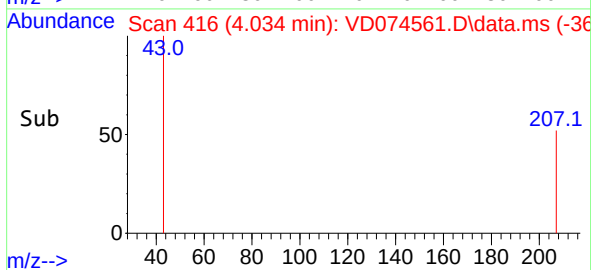
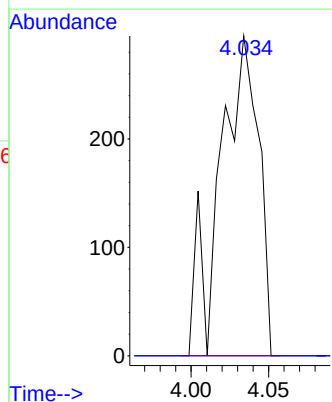
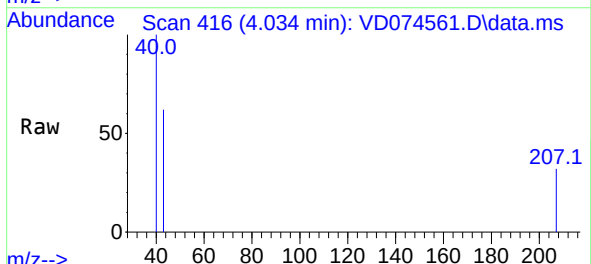
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

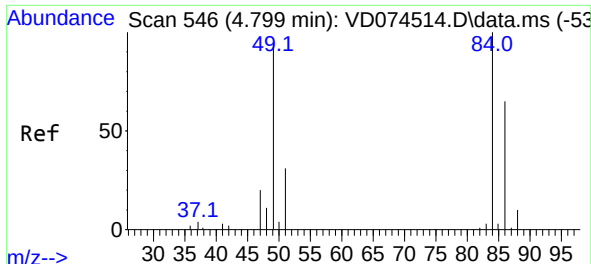
Tgt Ion: 59 Resp: 502
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 2.375 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



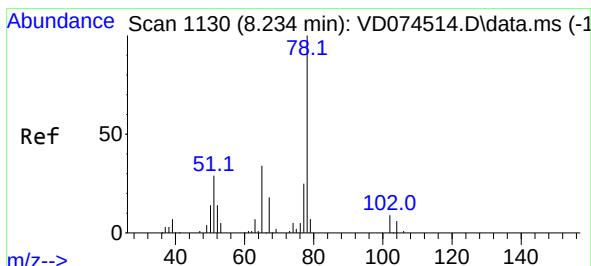
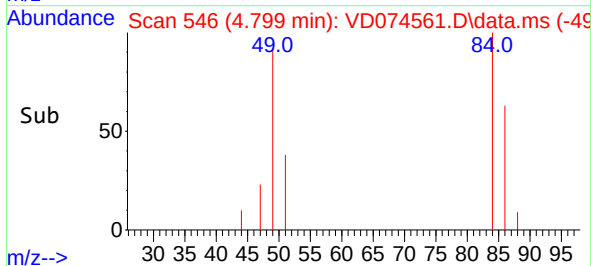
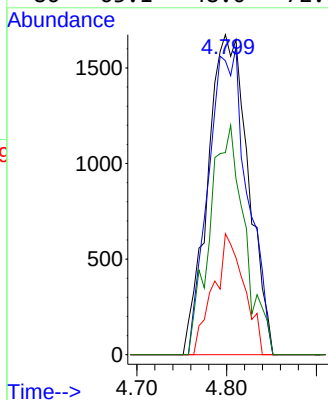
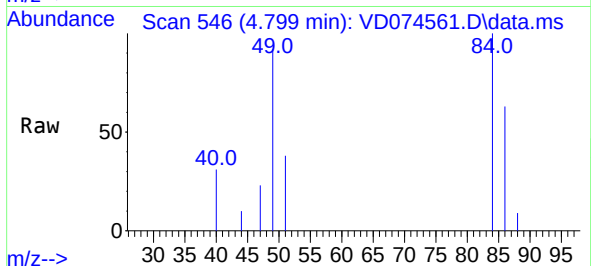


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

Tgt Ion: 84 Resp: 5254

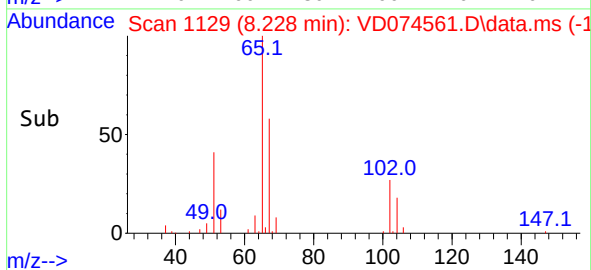
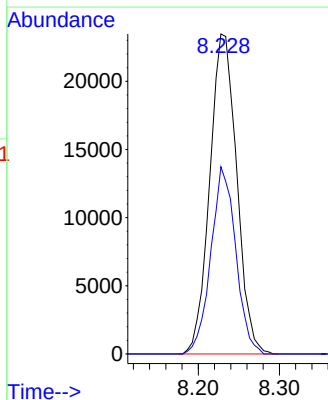
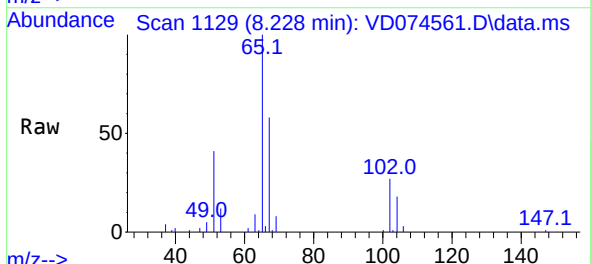
Ion	Ratio	Lower	Upper
84	100		
49	91.9	68.0	102.0
51	37.8	23.2	34.8
86	63.1	48.0	72.0

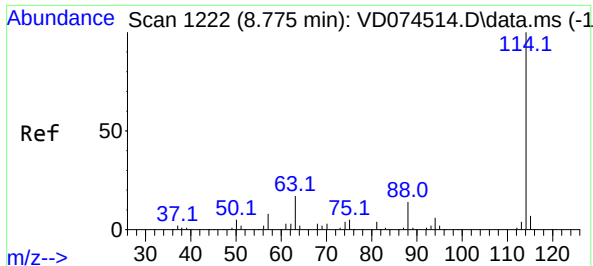


#33
1,2-Dichloroethane-d4
Concen: 53.890 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 65 Resp: 54177

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.2

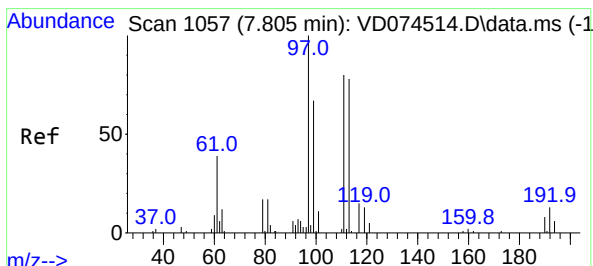
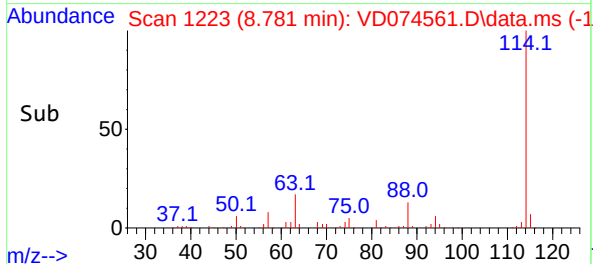
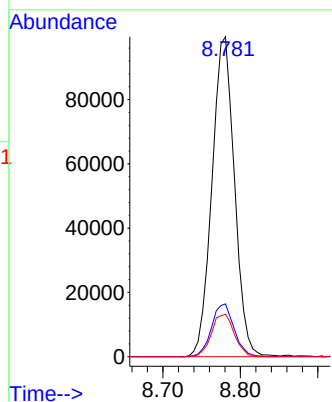
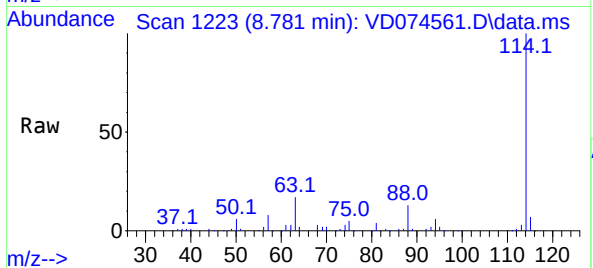




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

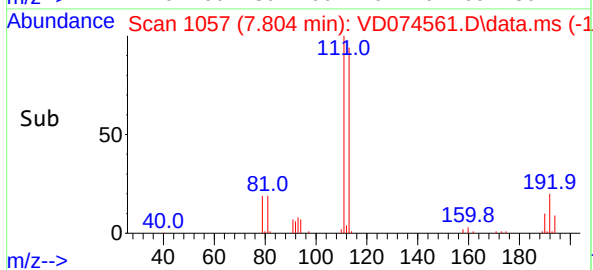
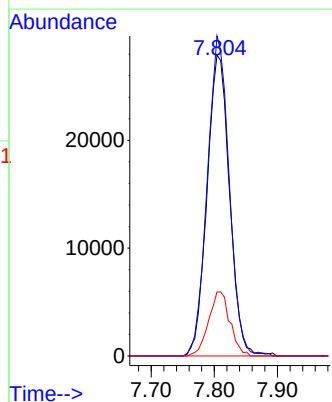
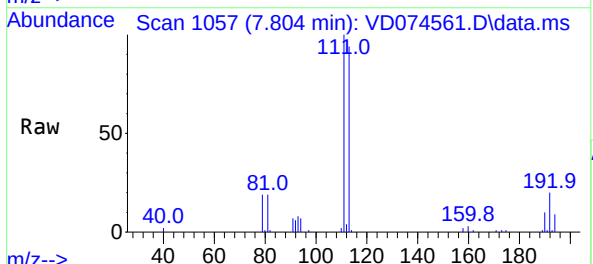
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

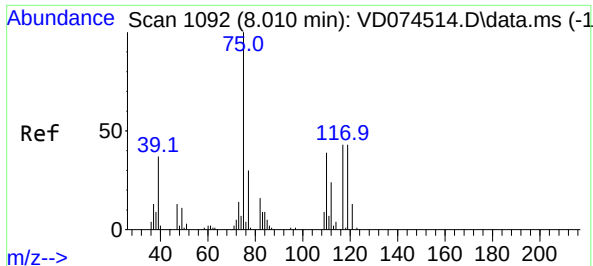
Tgt Ion:114 Resp: 201393
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.2
88 13.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 57.325 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion:113 Resp: 69052
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.266 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.123 min

Lab File: VD074561.D

Acq: 18 Oct 2022 13:03

Instrument :

MSVOA_D

ClientSampleId :

HD-1-101422

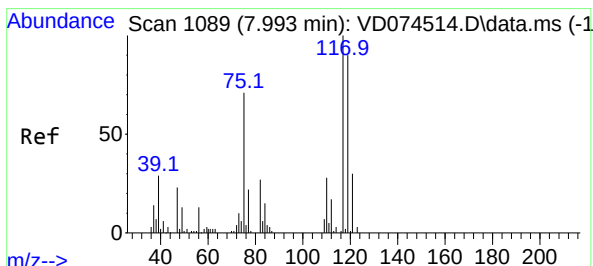
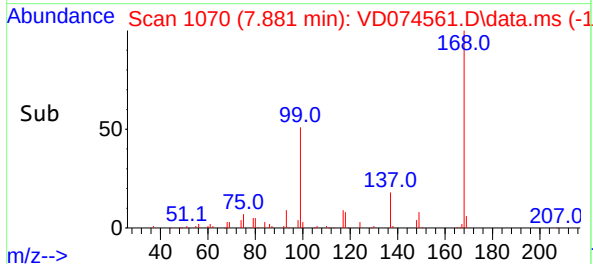
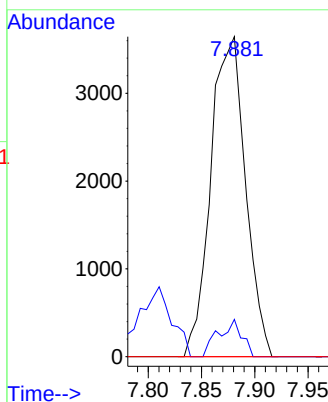
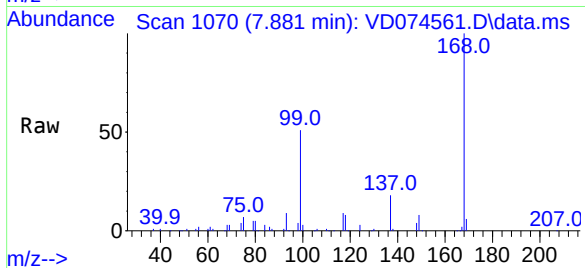
Tgt Ion: 75 Resp: 8246

Ion Ratio Lower Upper

75 100

110 7.9 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074561.D

Acq: 18 Oct 2022 13:03

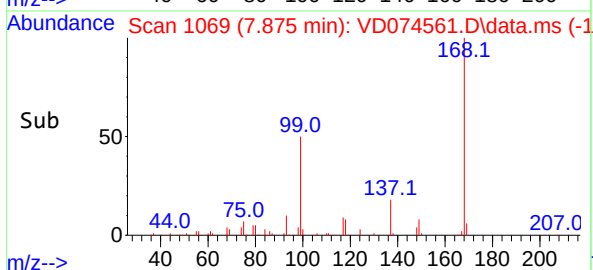
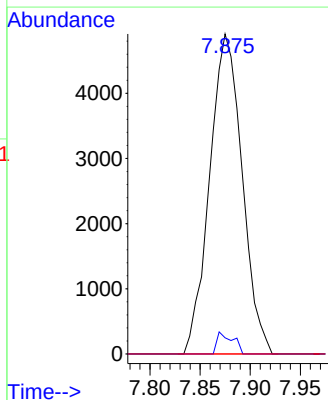
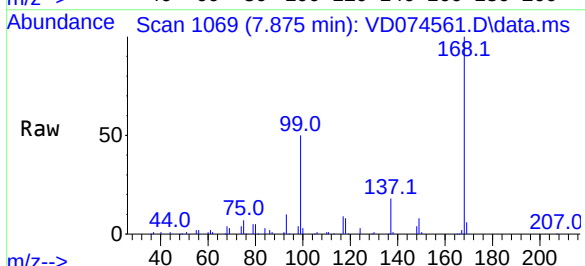
Tgt Ion: 117 Resp: 11082

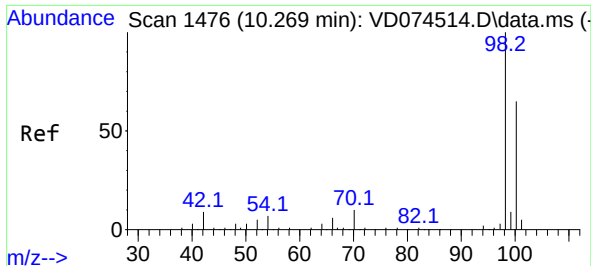
Ion Ratio Lower Upper

117 100

119 5.0 73.1 109.7#

121 0.0 25.0 37.6#

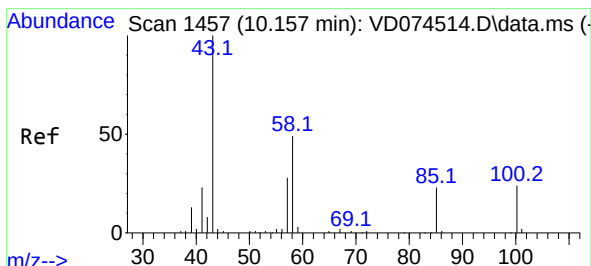
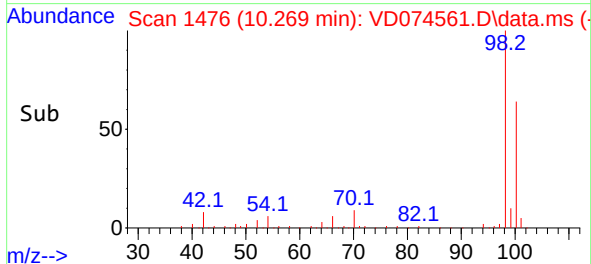
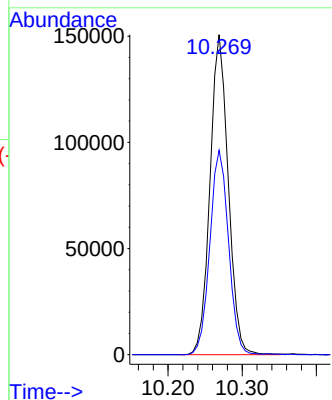
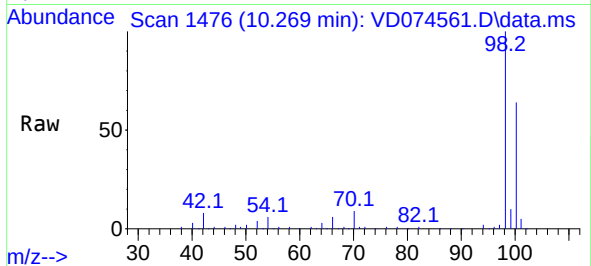




#50
Toluene-d8
Concen: 55.717 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

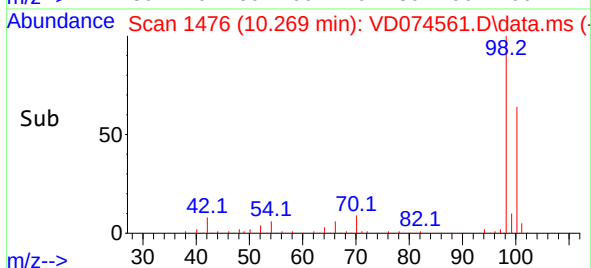
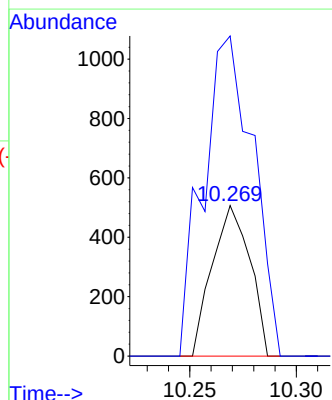
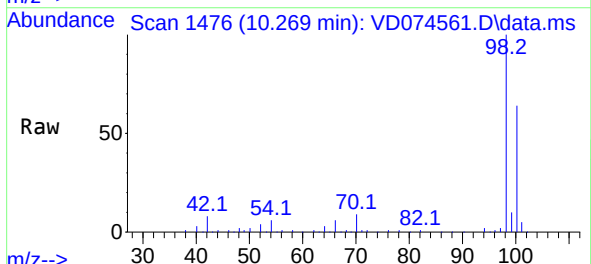
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

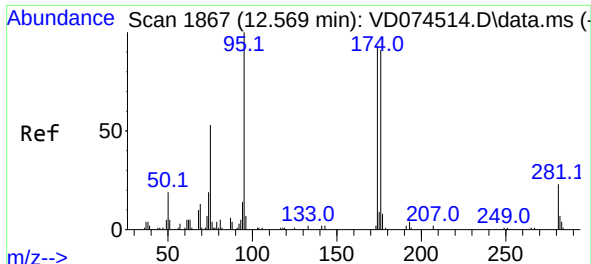
Tgt Ion: 98 Resp: 257821
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.086 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 280.2 37.8 56.6#



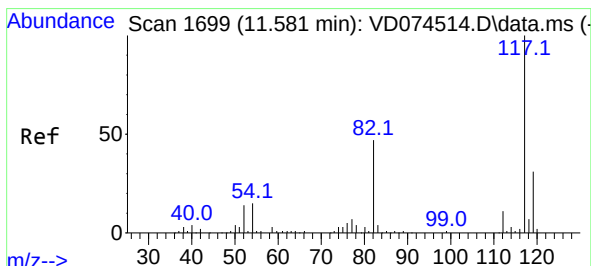
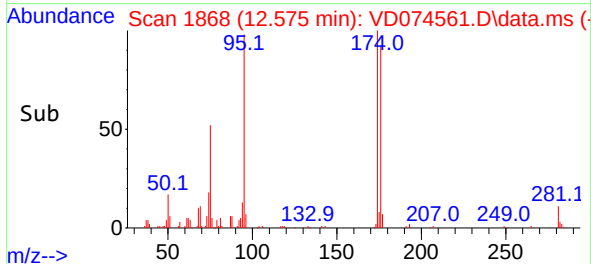
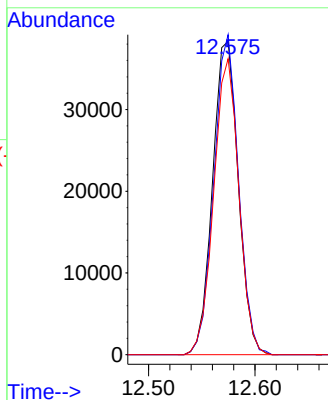
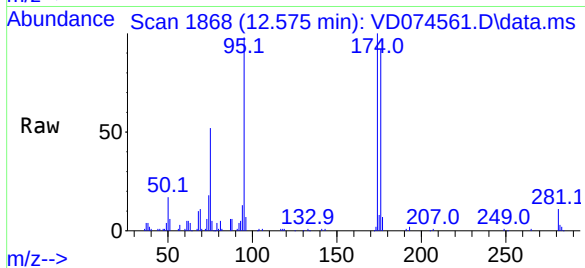


#62
4-Bromofluorobenzene
Concen: 44.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

Tgt Ion: 95 Resp: 64133

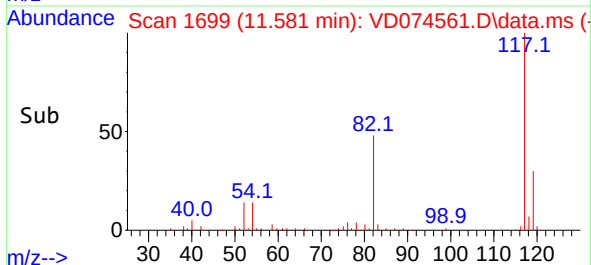
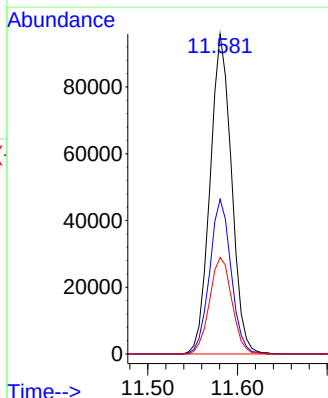
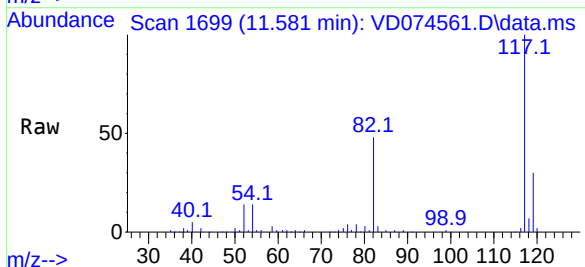
Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	197.0
176	92.5	0.0	182.6

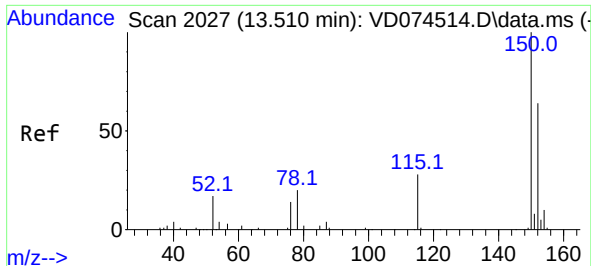


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

Tgt Ion: 117 Resp: 159144

Ion	Ratio	Lower	Upper
117	100		
82	48.4	41.6	62.4
119	30.2	25.2	37.8

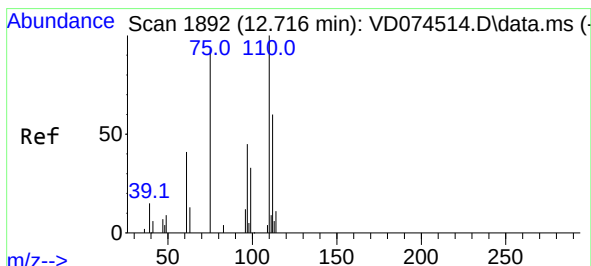
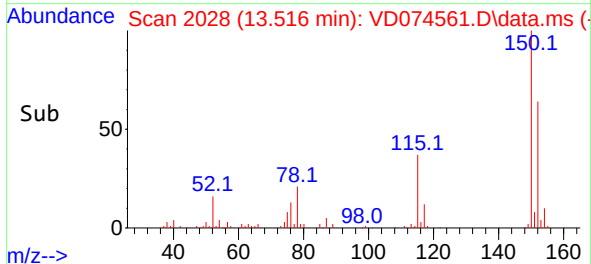
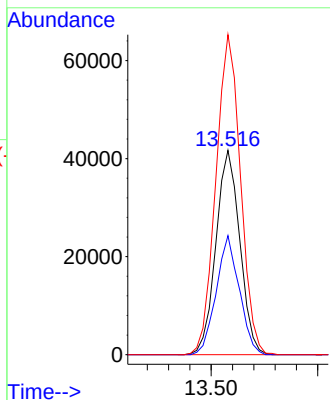
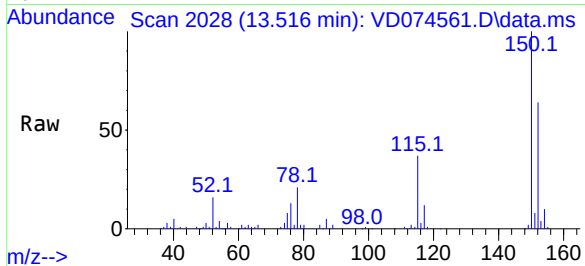




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

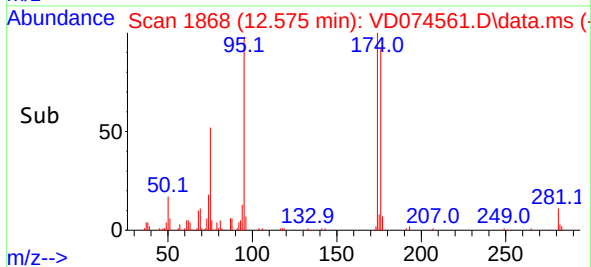
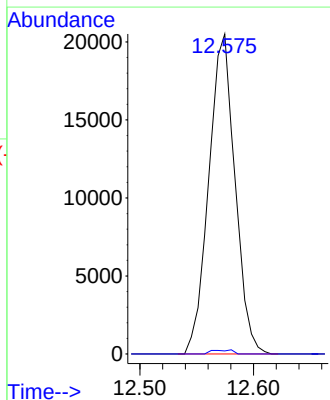
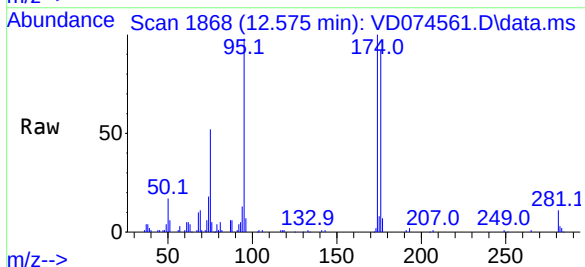
Instrument :
MSVOA_D
ClientSampleId :
HD-1-101422

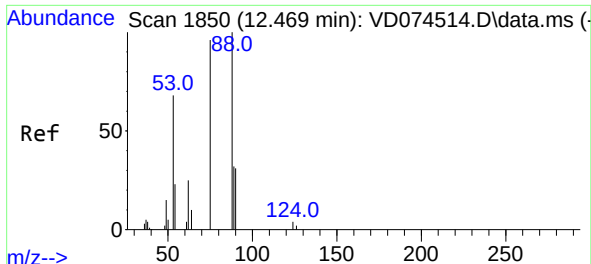
Tgt Ion:152 Resp: 64940
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 161.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 59.268 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074561.D
Acq: 18 Oct 2022 13:03

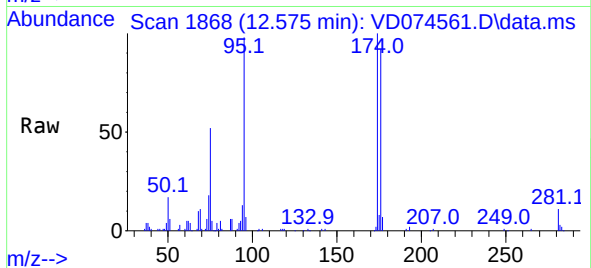
Tgt Ion: 75 Resp: 32893
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.340 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD074561.D
 Acq: 18 Oct 2022 13:03

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-101422



Tgt Ion:	75	Resp:	32893
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

