

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
 Data File : VD074617.D
 Acq On : 21 Oct 2022 15:53
 Operator : VA/SY
 Sample : N5218-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Oct 21 23:11:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

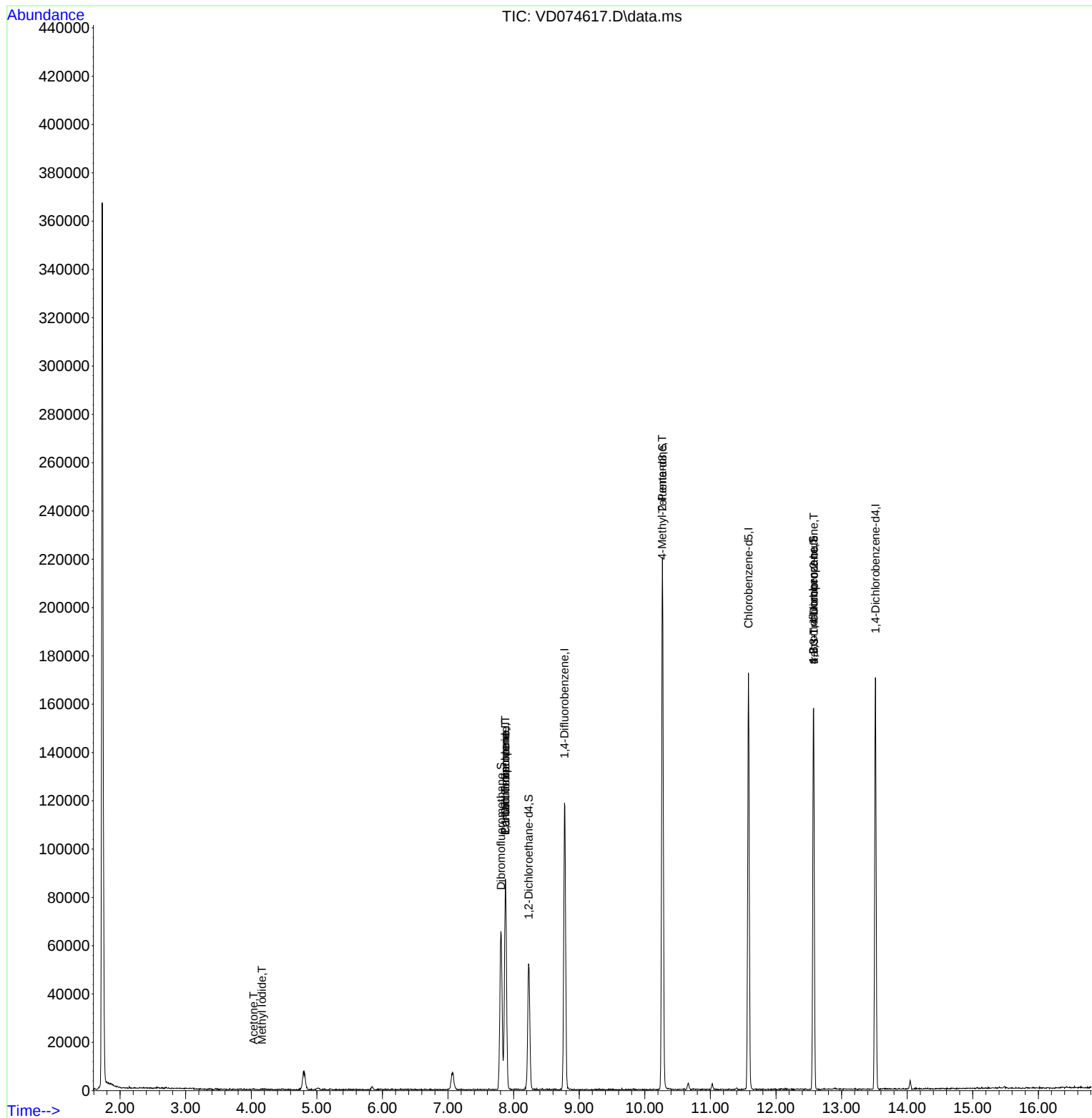
Internal Standards						
1) Pentafluorobenzene	7.875	168	72770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	117548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	106791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	48109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41359	74.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.880%	
35) Dibromofluoromethane	7.810	113	48829	75.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 151.080%#	
50) Toluene-d8	10.269	98	162764	69.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 138.360%	
62) 4-Bromofluorobenzene	12.569	95	46192	68.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.960%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.164	142	82	4.014	ug/l #	43
11) Tert butyl alcohol	5.034	59	208	Below Cal	#	84
16) Acetone	4.034	43	320	2.638	ug/l #	37
20) Methylene Chloride	4.793	84	6755	Below Cal		93
36) 1,1-Dichloropropene	7.875	75	4432	4.197	ug/l #	44
38) Carbon Tetrachloride	7.875	117	6449	6.237	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	382	1.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	22653	53.926	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	22653	137.809	ug/l #	17

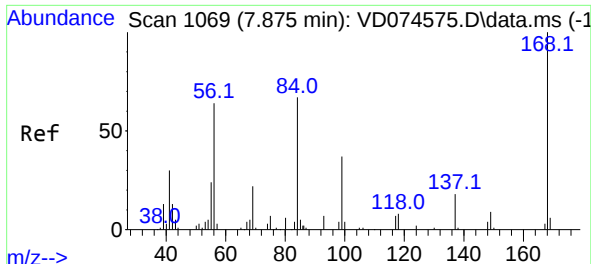
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102122\
Data File : VD074617.D
Acq On : 21 Oct 2022 15:53
Operator : VA/SY
Sample : N5218-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Quant Time: Oct 21 23:11:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

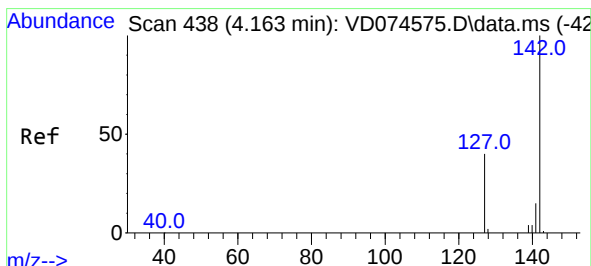
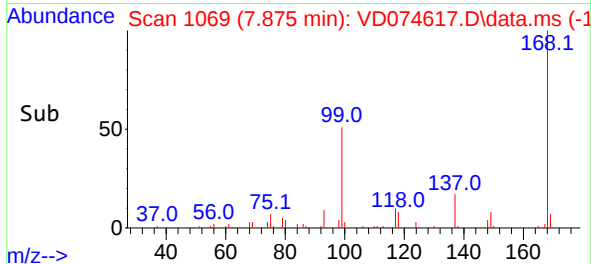
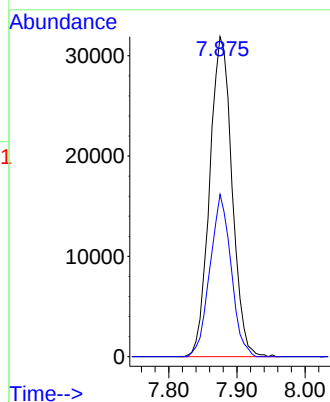
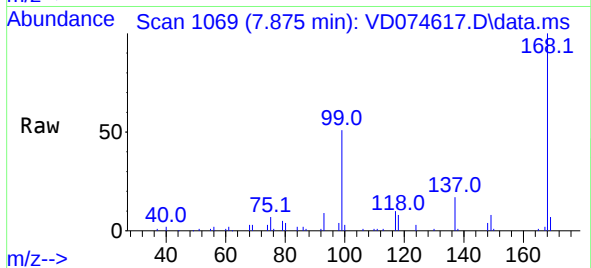




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

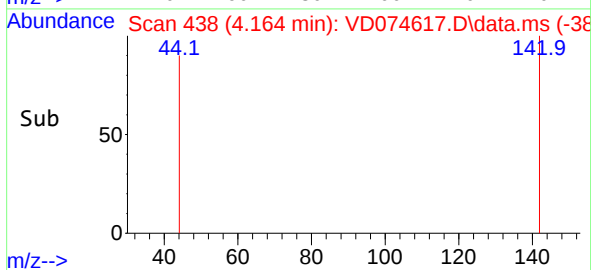
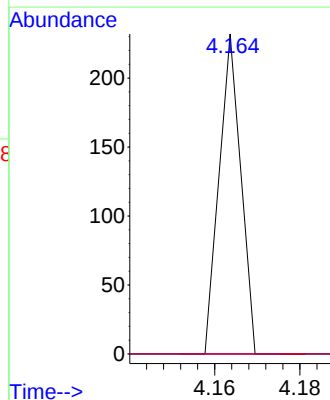
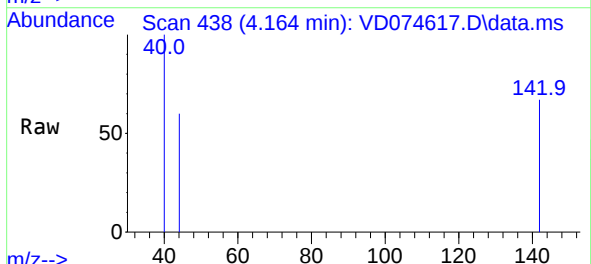
Instrument :
MSVOA_D
ClientSampleId :
SP-1

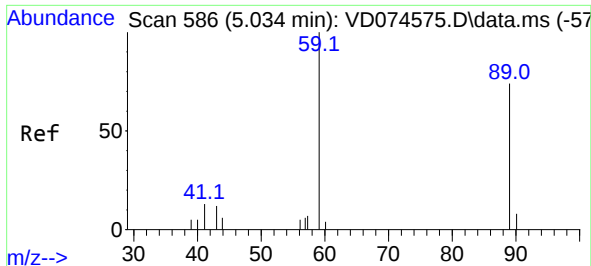
Tgt Ion:168 Resp: 72770
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#10
Methyl Iodide
Concen: 4.014 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Tgt Ion:142 Resp: 82
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: 5.034 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD074617.D

Acq: 21 Oct 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

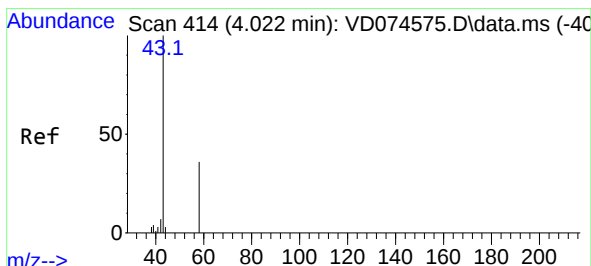
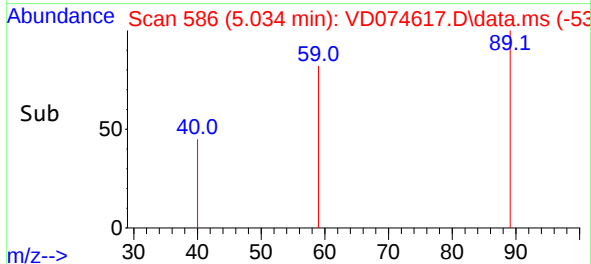
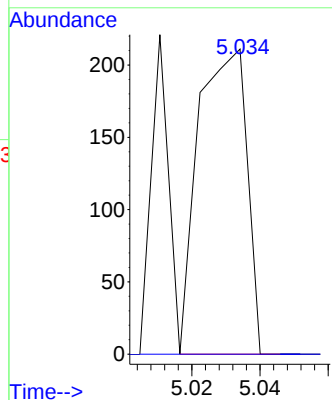
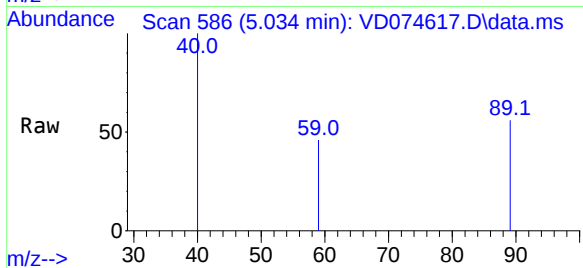
SP-1

Tgt Ion: 59 Resp: 208

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 2.638 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD074617.D

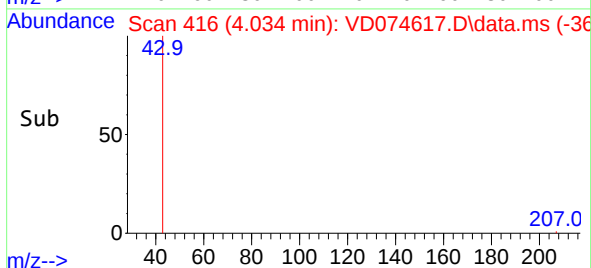
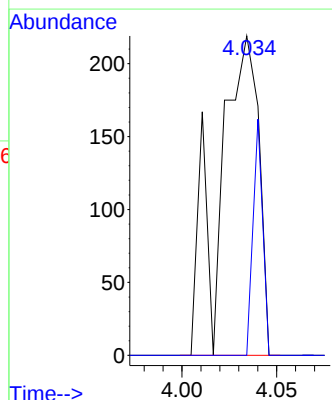
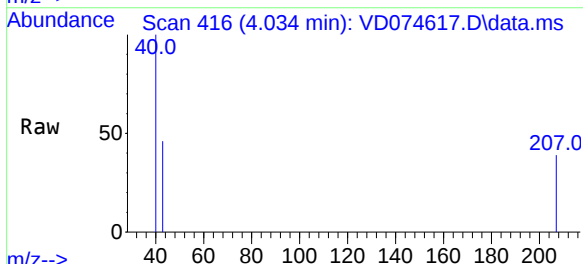
Acq: 21 Oct 2022 15:53

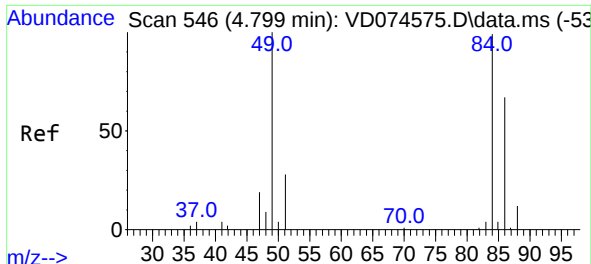
Tgt Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



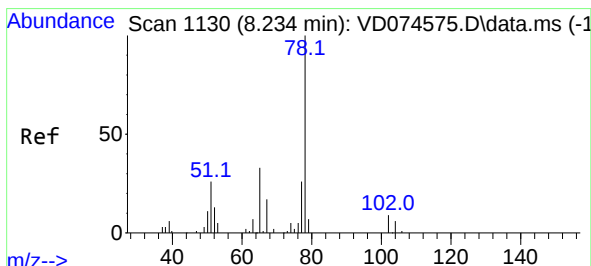
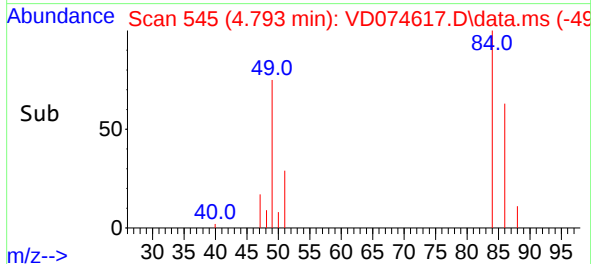
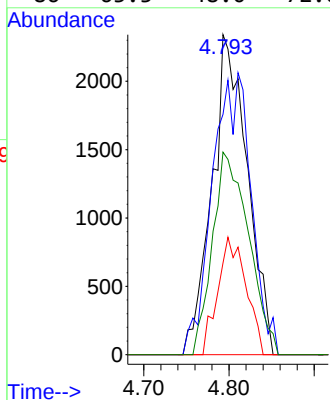
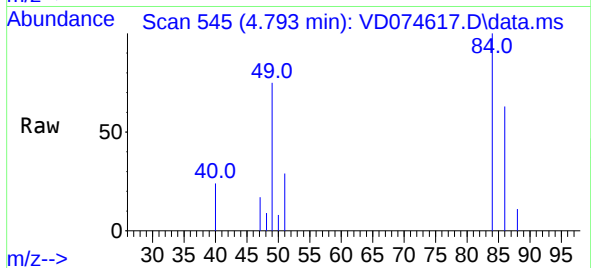


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tgt Ion: 84 Resp: 6755

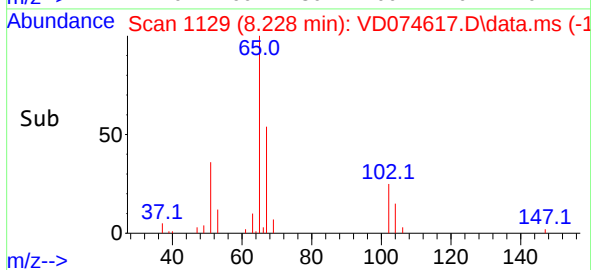
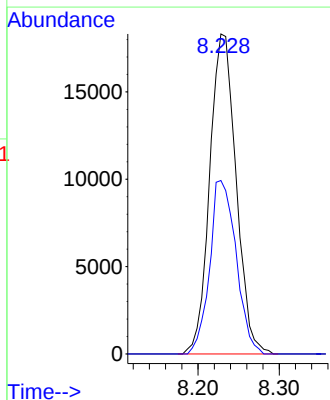
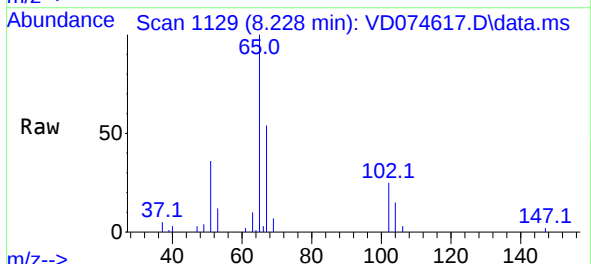
Ion	Ratio	Lower	Upper
84	100		
49	75.1	68.0	102.0
51	28.7	23.2	34.8
86	63.3	48.0	72.0

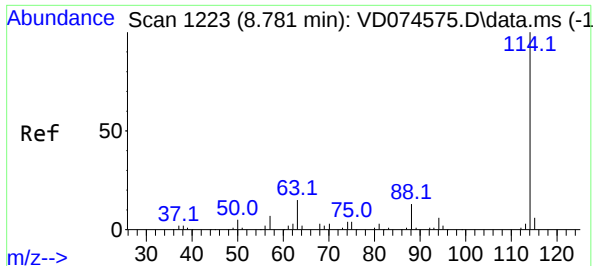


#33
1,2-Dichloroethane-d4
Concen: 74.442 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Tgt Ion: 65 Resp: 41359

Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VD074617.D

Acq: 21 Oct 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

SP-1

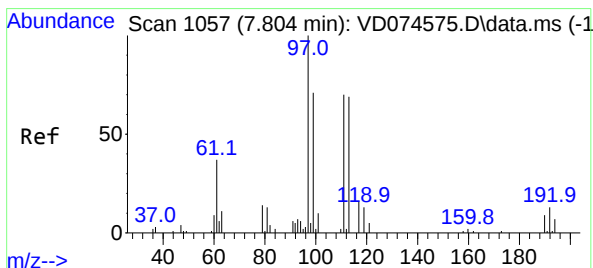
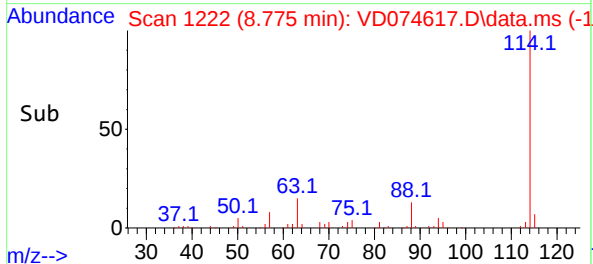
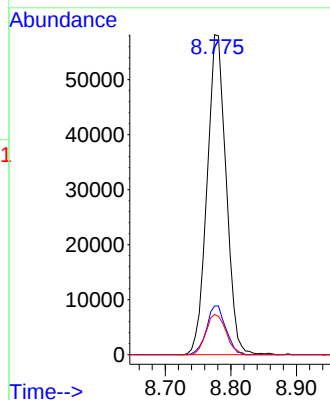
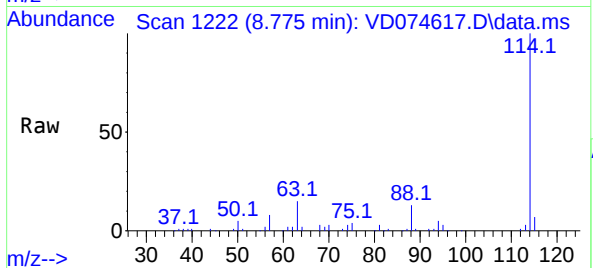
Tgt Ion:114 Resp: 117548

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 12.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 75.539 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074617.D

Acq: 21 Oct 2022 15:53

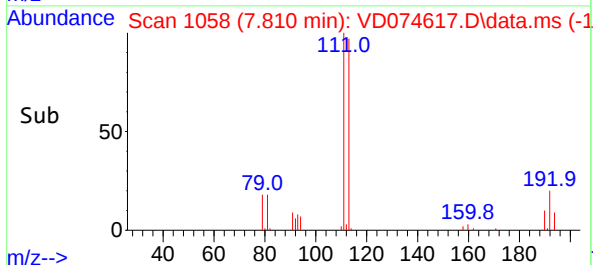
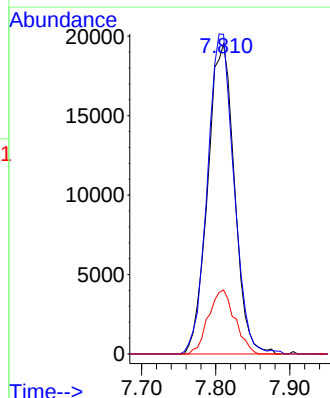
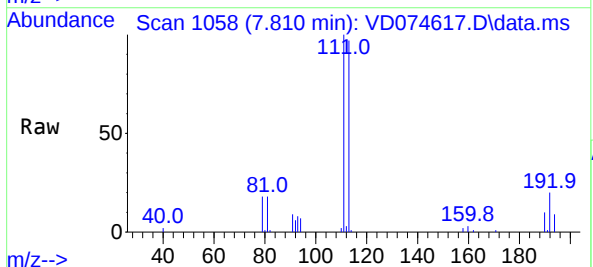
Tgt Ion:113 Resp: 48829

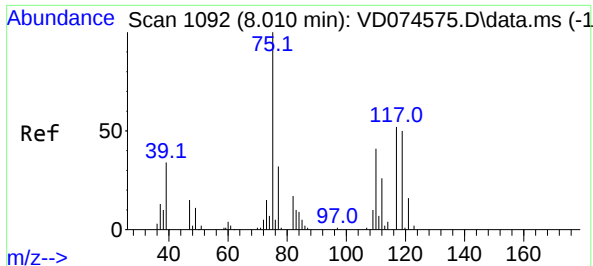
Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 20.5 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.197 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074617.D

Acq: 21 Oct 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

SP-1

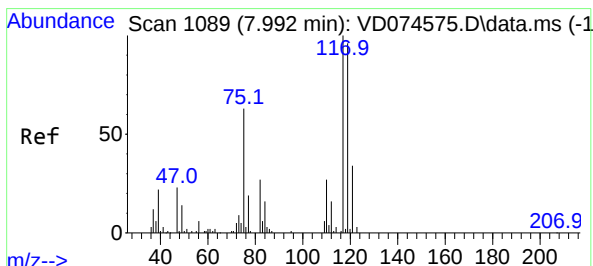
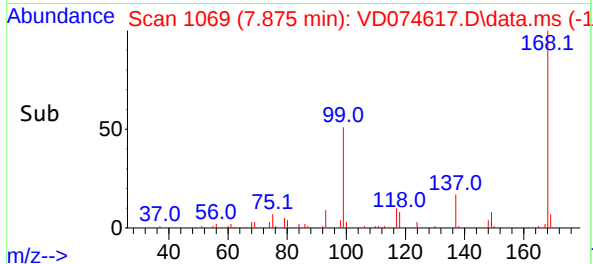
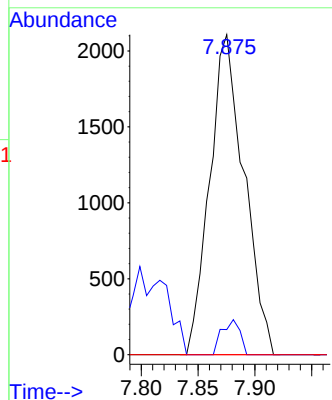
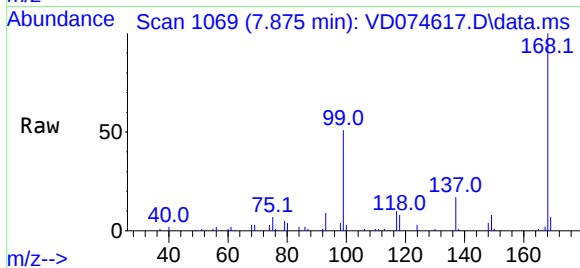
Tgt Ion: 75 Resp: 4432

Ion Ratio Lower Upper

75 100

110 5.8 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.237 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074617.D

Acq: 21 Oct 2022 15:53

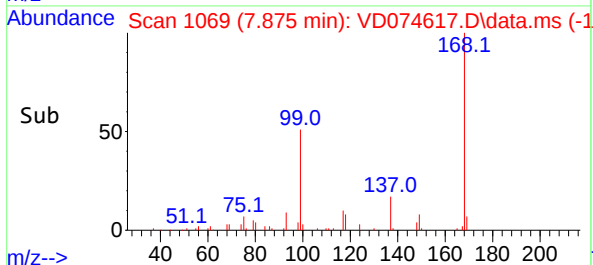
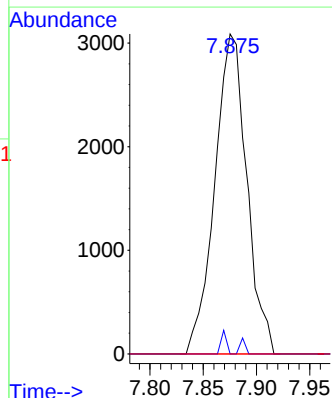
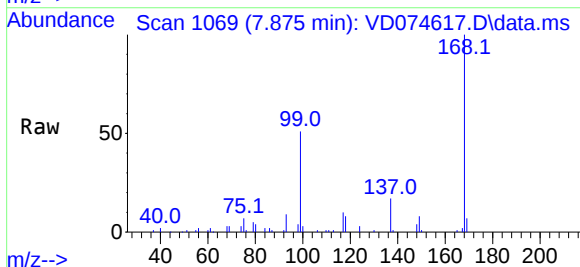
Tgt Ion: 117 Resp: 6449

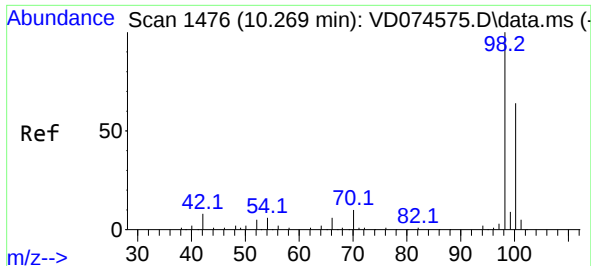
Ion Ratio Lower Upper

117 100

119 0.0 73.1 109.7#

121 0.0 25.0 37.6#

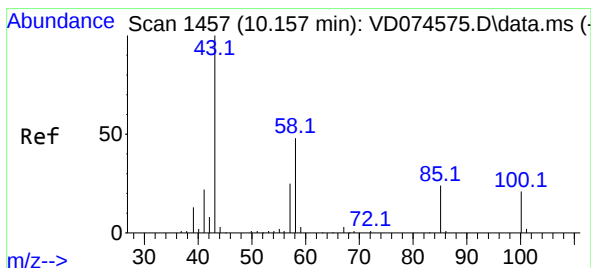
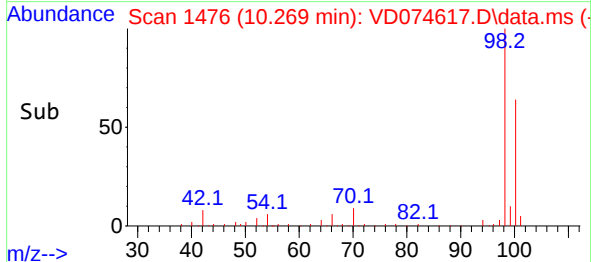
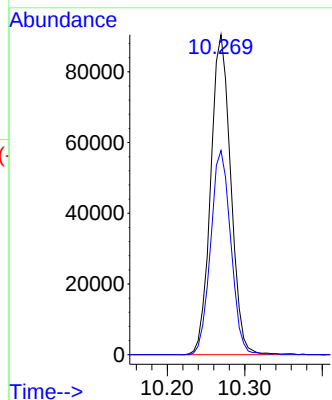
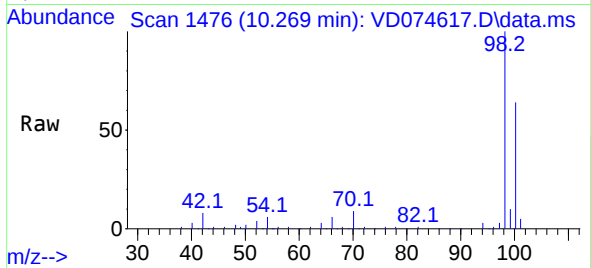




#50
Toluene-d8
Concen: 69.180 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

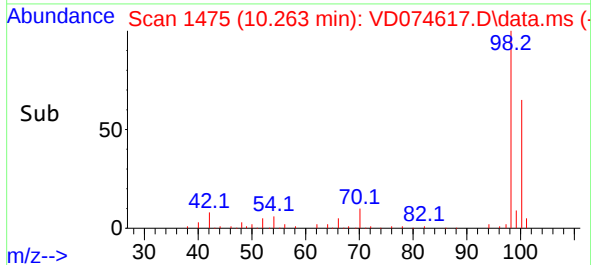
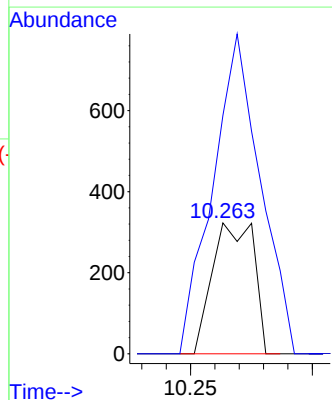
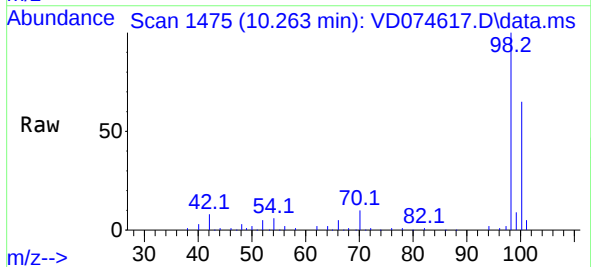
Instrument :
MSVOA_D
ClientSampleId :
SP-1

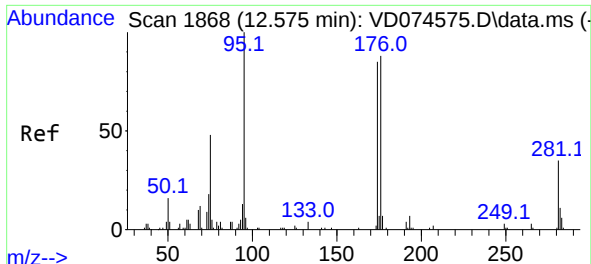
Tgt Ion: 98 Resp: 162764
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.240 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 281.2 37.8 56.6#

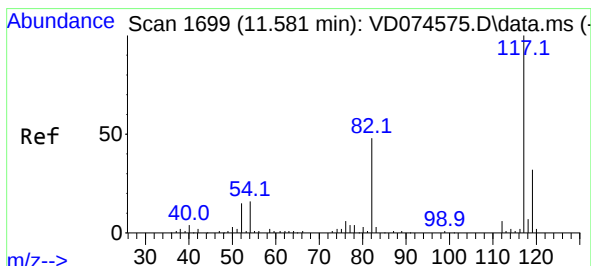
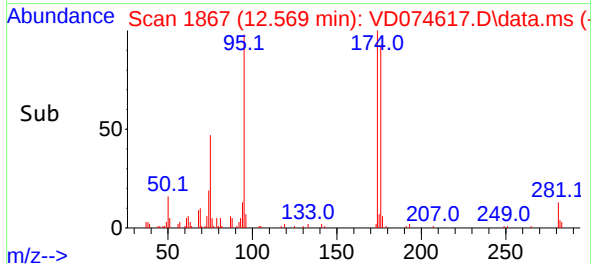
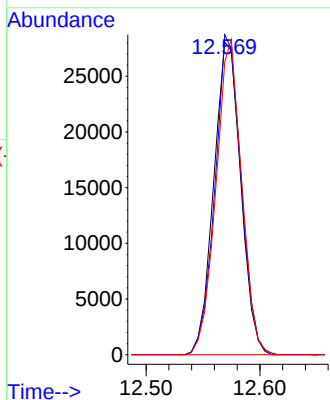
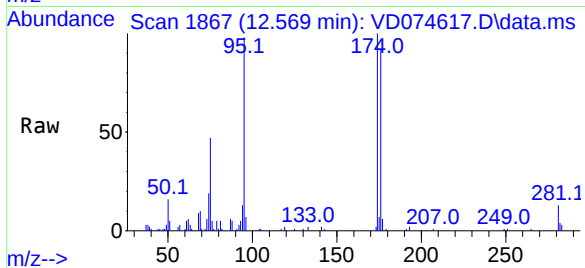




#62
4-Bromofluorobenzene
Concen: 68.981 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

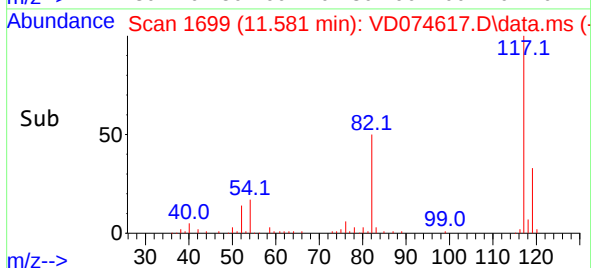
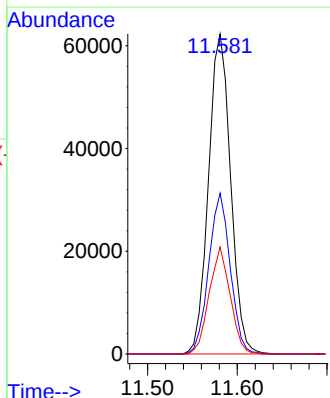
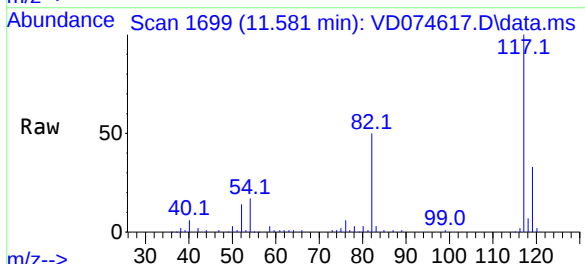
Instrument :
MSVOA_D
ClientSampleId :
SP-1

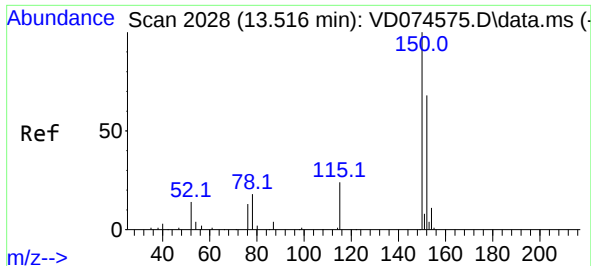
Tgt Ion:	95	Resp:	46192
Ion Ratio	Lower	Upper	
95	100		
174	99.0	0.0	197.0
176	96.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Tgt Ion:	117	Resp:	106791
Ion Ratio	Lower	Upper	
117	100		
82	50.2	41.6	62.4
119	33.4	25.2	37.8

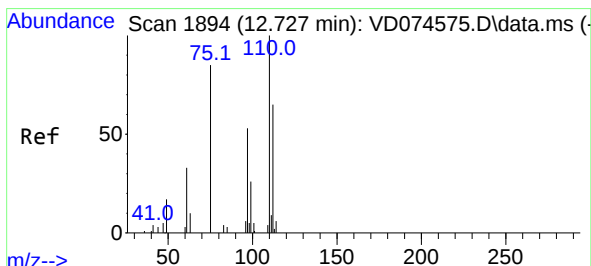
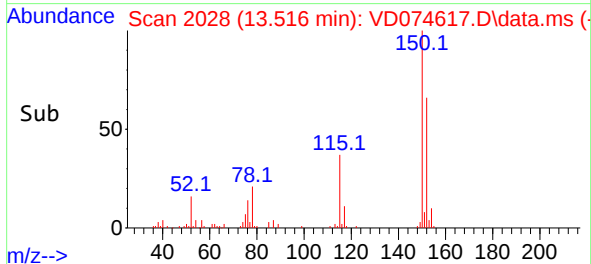
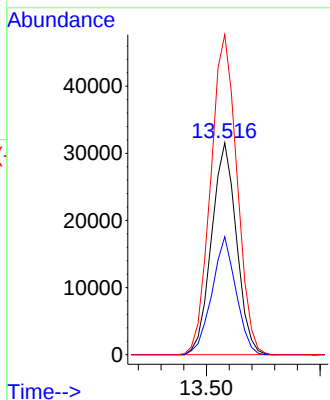
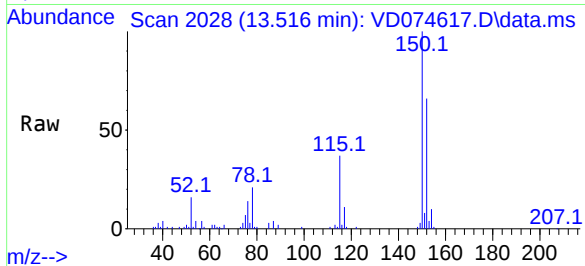




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

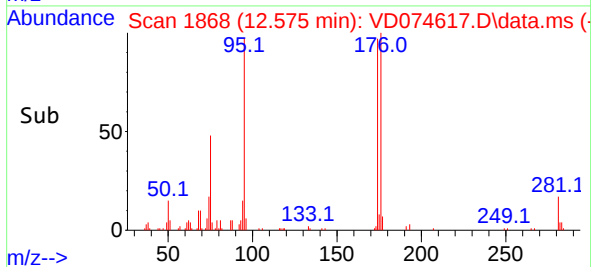
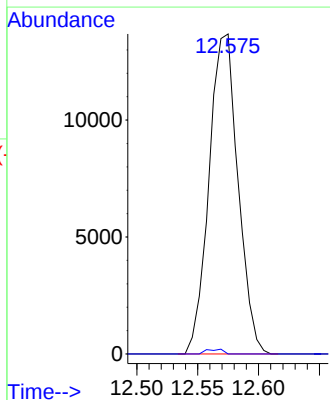
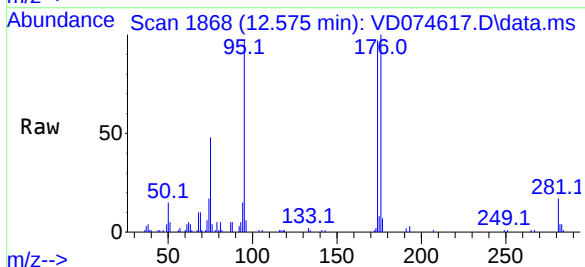
Instrument :
MSVOA_D
ClientSampleId :
SP-1

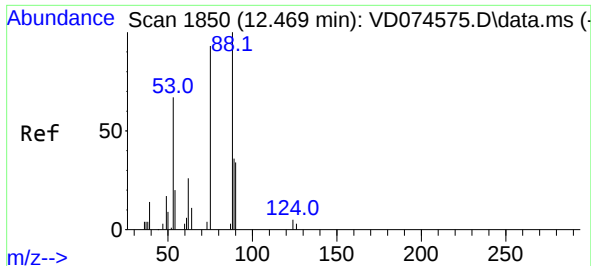
Tgt Ion:152 Resp: 48109
Ion Ratio Lower Upper
152 100
115 53.8 26.8 80.4
150 159.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.141 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

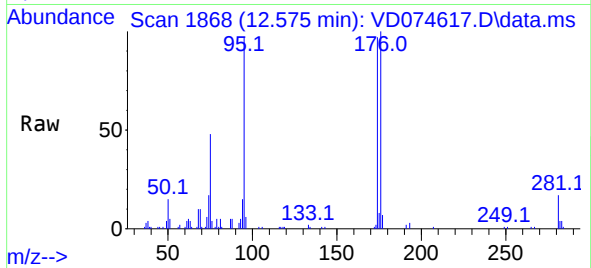
Tgt Ion: 75 Resp: 22653
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.809 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.112 min
Lab File: VD074617.D
Acq: 21 Oct 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
SP-1



Tgt Ion: 75 Resp: 22653
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

