

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074767.D
 Acq On : 07 Nov 2022 17:57
 Operator : VA/SY
 Sample : N5494-15
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-22

Quant Time: Nov 08 00:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

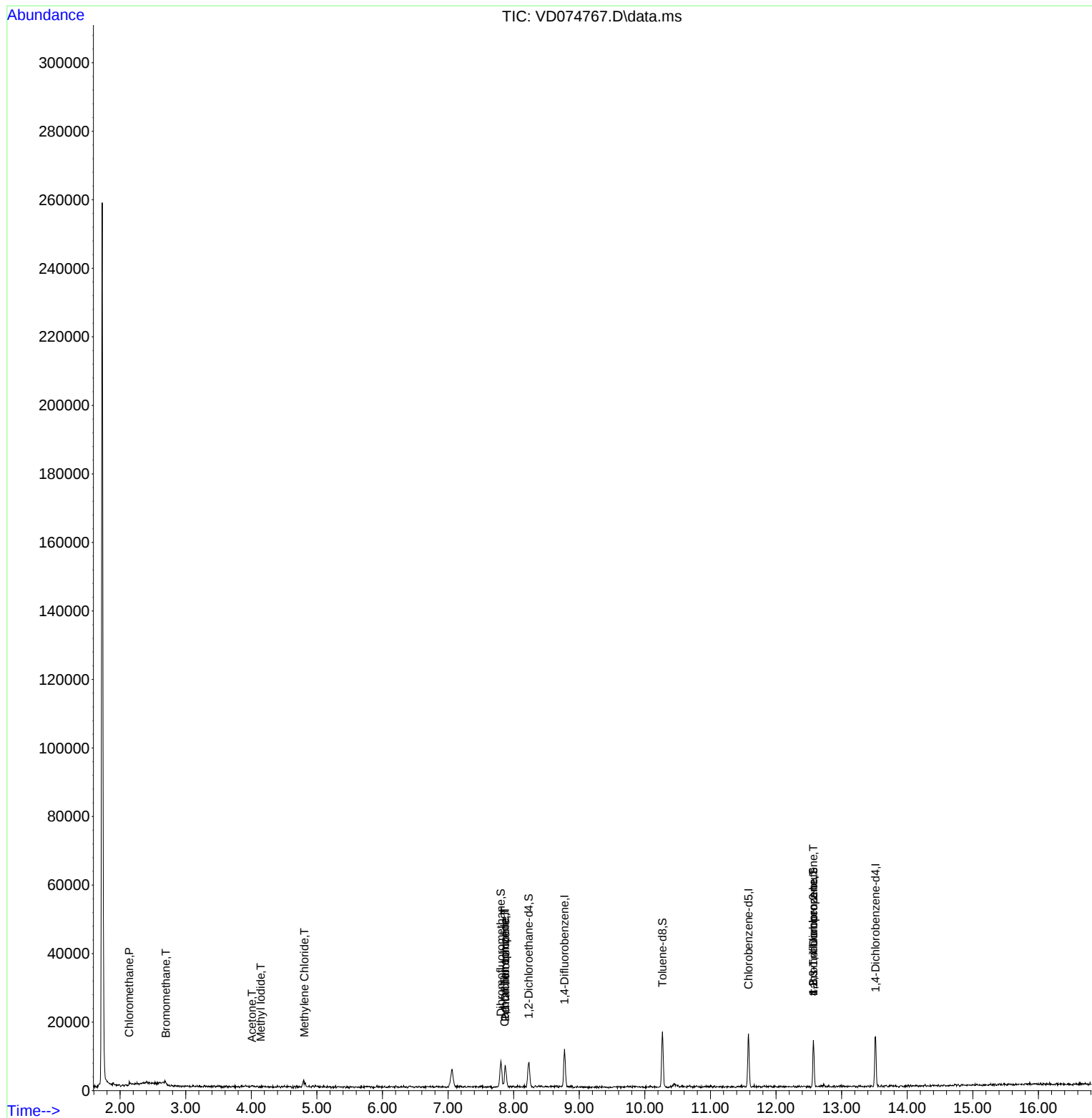
Internal Standards						
1) Pentafluorobenzene	7.875	168	6245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	10282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6028	121.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 243.740%#	
35) Dibromofluoromethane	7.804	113	5646	81.334	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 162.660%#	
50) Toluene-d8	10.269	98	12688	50.108	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.569	95	4159	56.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.780%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	441	5.388	ug/l #	78
5) Bromomethane	2.699	94	531	7.808	ug/l #	76
10) Methyl Iodide	4.146	142	75	6.333	ug/l #	43
16) Acetone	4.011	43	287	27.805	ug/l #	37
20) Methylene Chloride	4.811	84	1619	9.360	ug/l #	71
36) 1,1-Dichloropropene	7.869	75	137	1.300	ug/l #	39
38) Carbon Tetrachloride	7.863	117	459	4.598	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	2062	50.282	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	2062	119.358	ug/l #	17

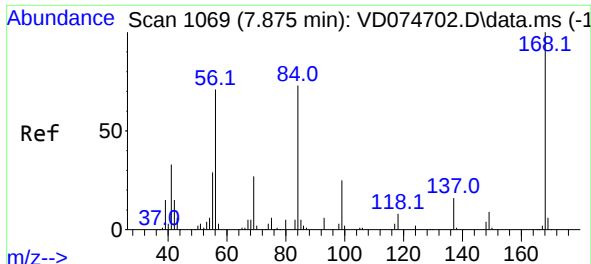
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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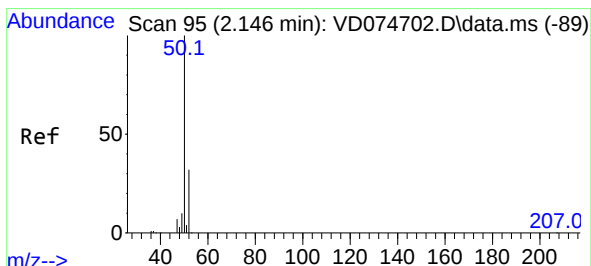
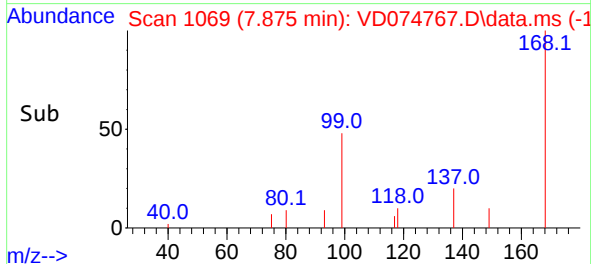
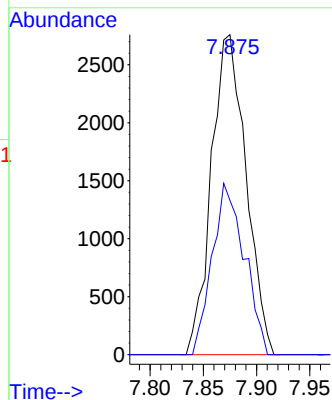
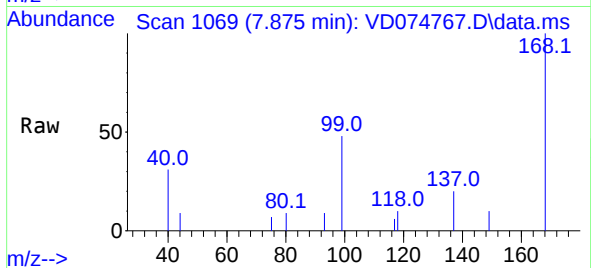




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

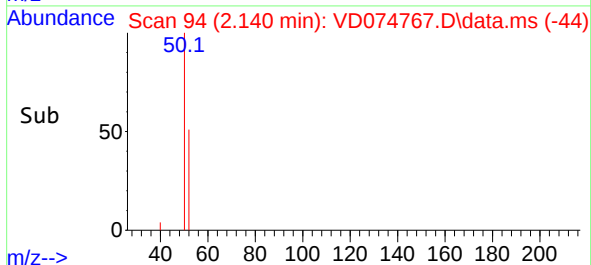
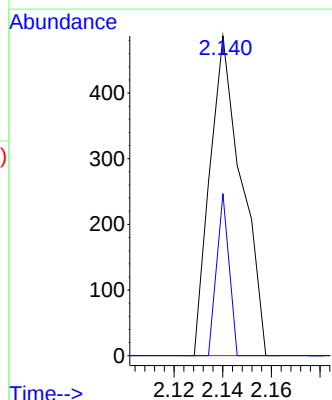
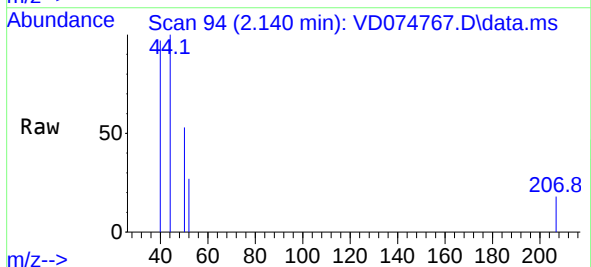
Instrument :
MSVOA_D
ClientSampleId :
SB-22

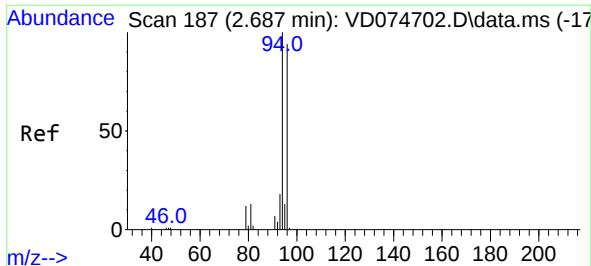
Tgt Ion:168 Resp: 6245
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#3
Chloromethane
Concen: 5.388 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 50.7 30.0 45.0#

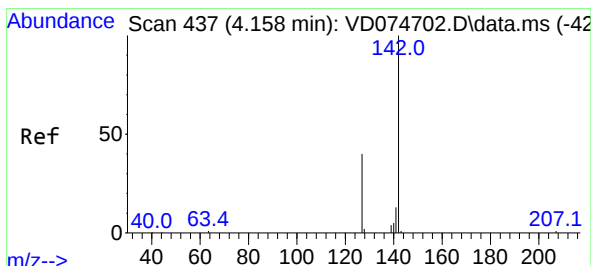
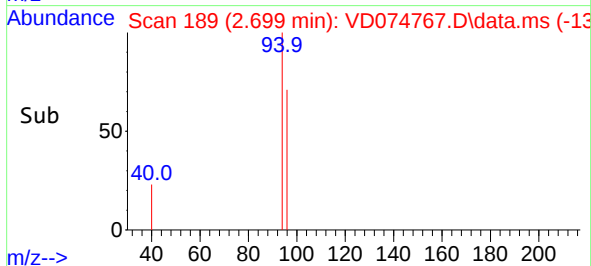
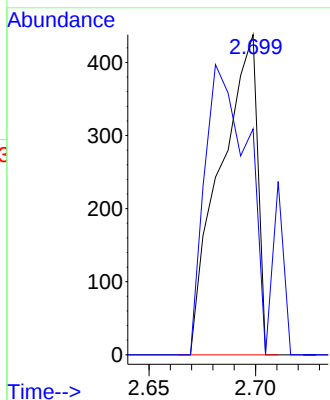
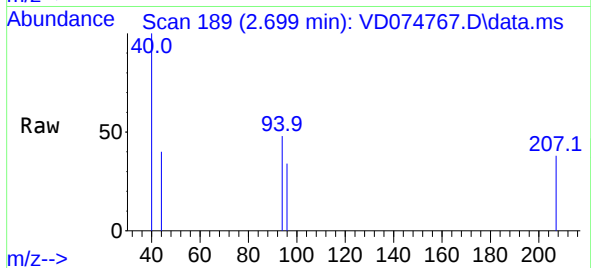




#5
Bromomethane
Concen: 7.808 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

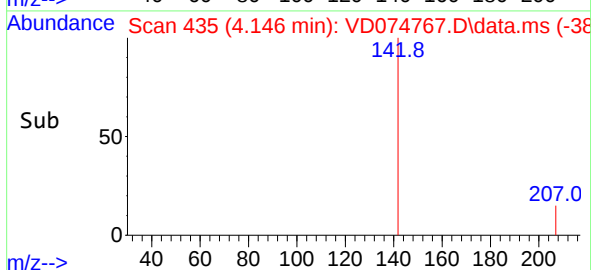
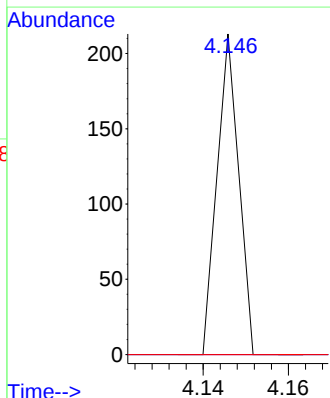
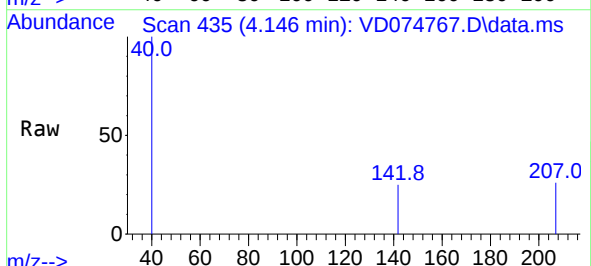
Instrument :
MSVOA_D
ClientSampleId :
SB-22

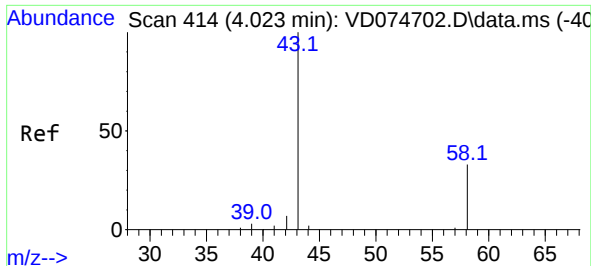
Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 70.5 74.6 112.0#



#10
Methyl Iodide
Concen: 6.333 ug/l
RT: 4.146 min Scan# 435
Delta R.T. -0.012 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion: 142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

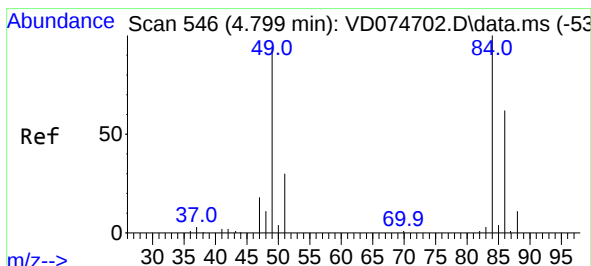
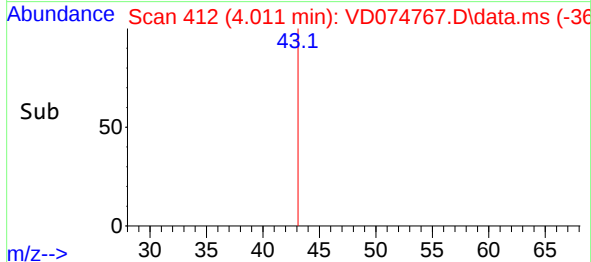
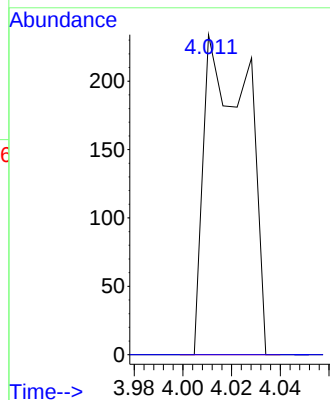
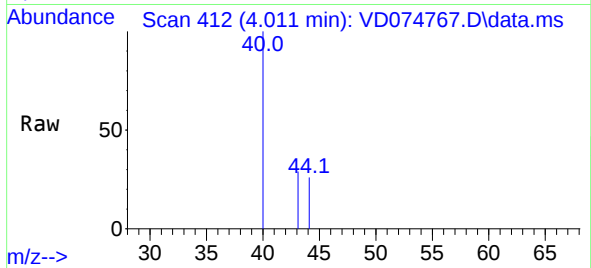




#16
Acetone
Concen: 27.805 ug/l
RT: 4.011 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

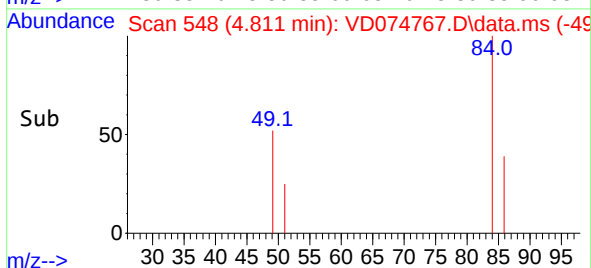
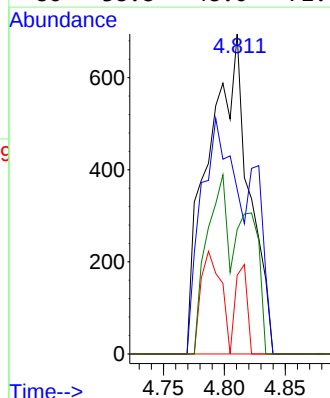
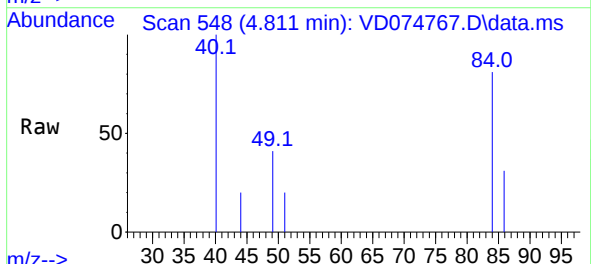
Instrument :
MSVOA_D
ClientSampleId :
SB-22

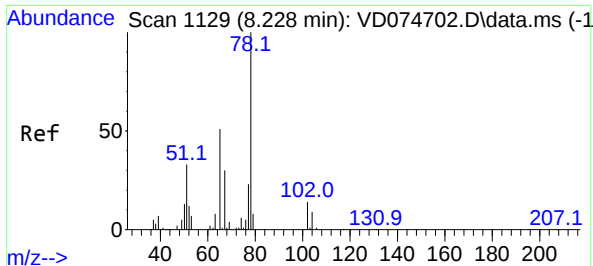
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 9.360 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.011 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion: 84 Resp: 1619
Ion Ratio Lower Upper
84 100
49 51.5 68.0 102.0#
51 24.6 23.2 34.8
86 38.8 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 121.872 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074767.D

Acq: 07 Nov 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

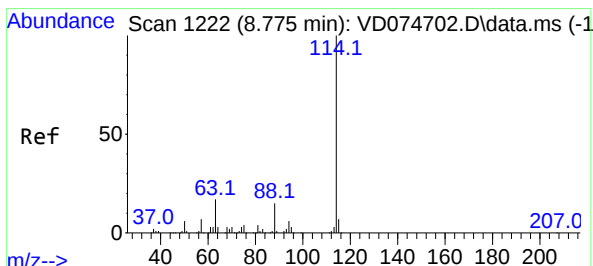
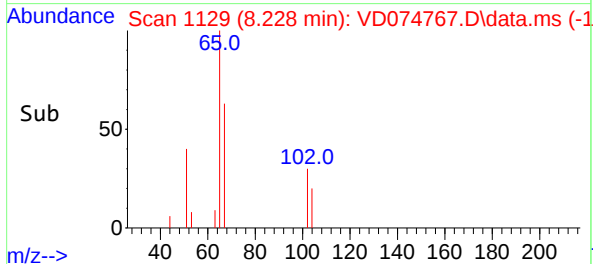
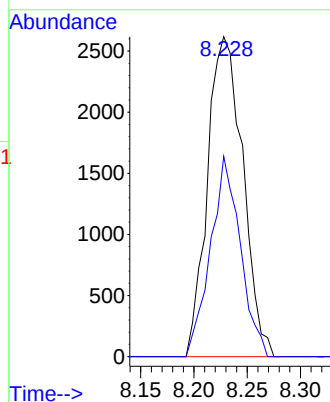
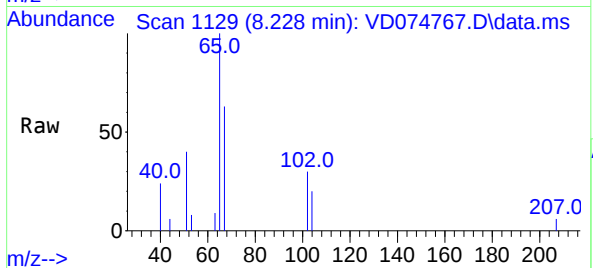
SB-22

Tgt Ion: 65 Resp: 6028

Ion Ratio Lower Upper

65 100

67 52.8 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: VD074767.D

Acq: 07 Nov 2022 17:57

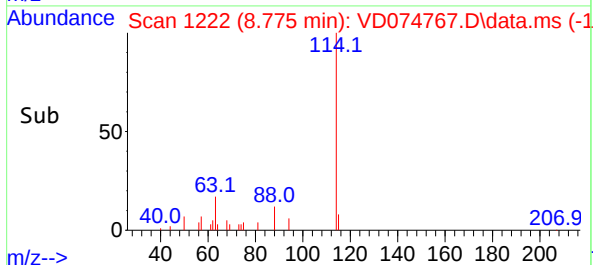
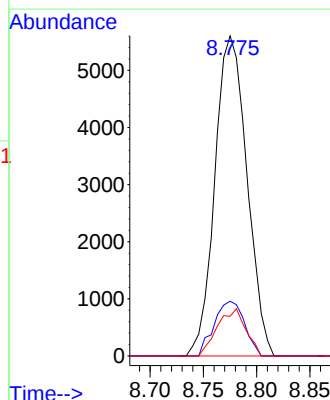
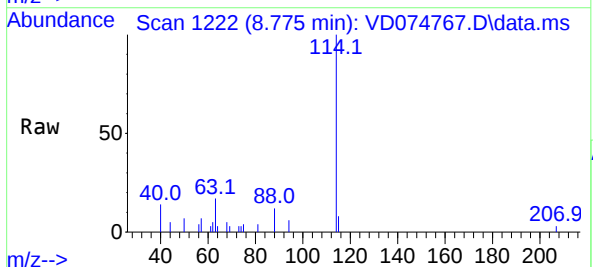
Tgt Ion: 114 Resp: 11735

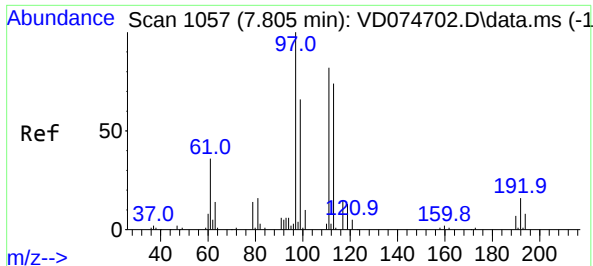
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 12.4 0.0 28.2

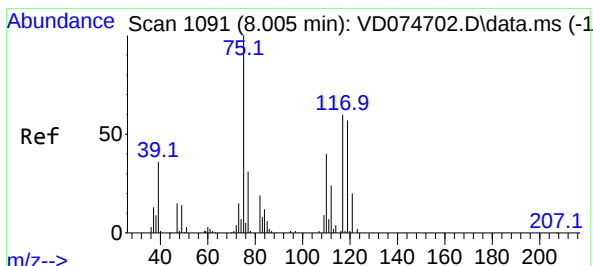
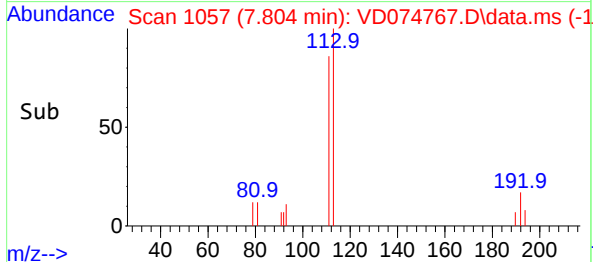
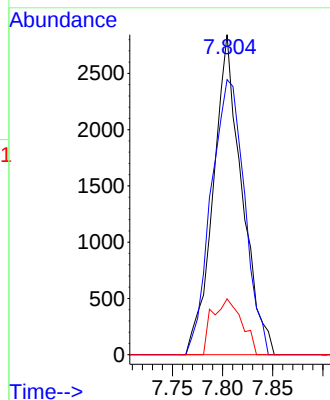
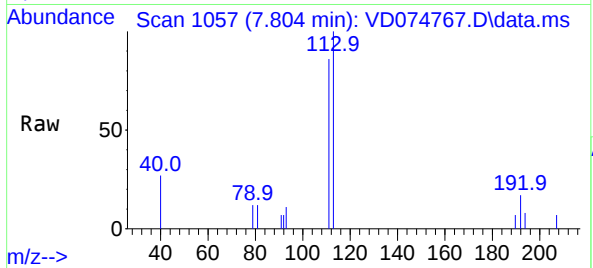




#35
Dibromofluoromethane
Concen: 81.334 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

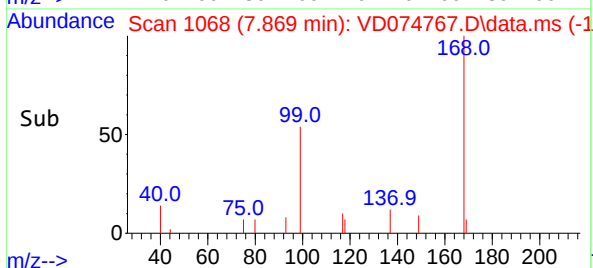
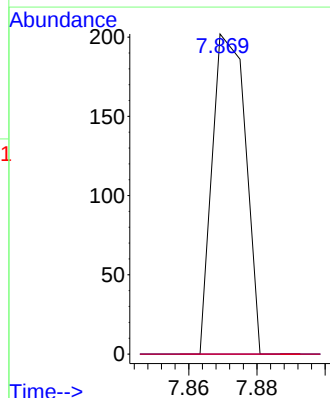
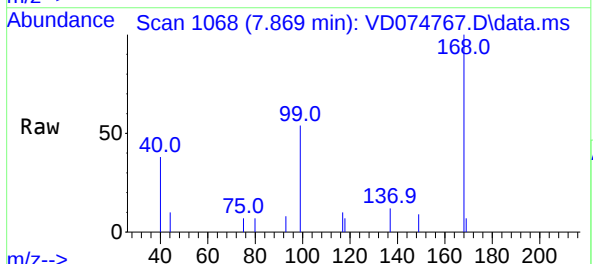
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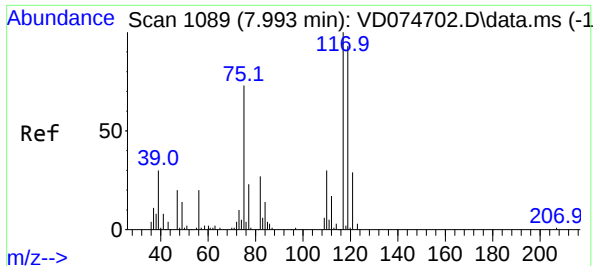
Tgt Ion:	113	Resp:	5646
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.3	123.5
192	17.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 1.300 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion:	75	Resp:	137
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.0#
77	0.0	25.4	38.2#

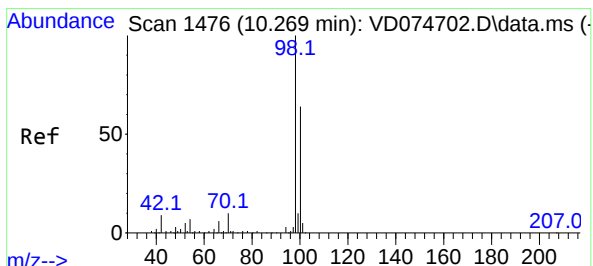
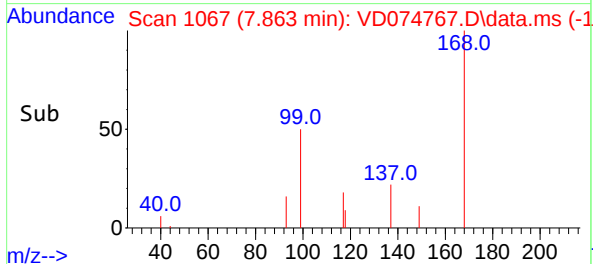
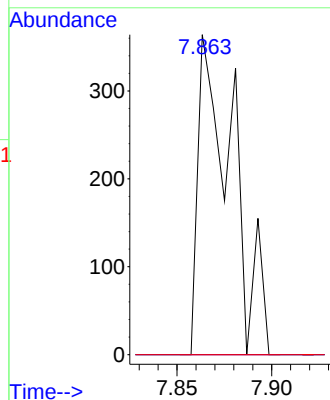
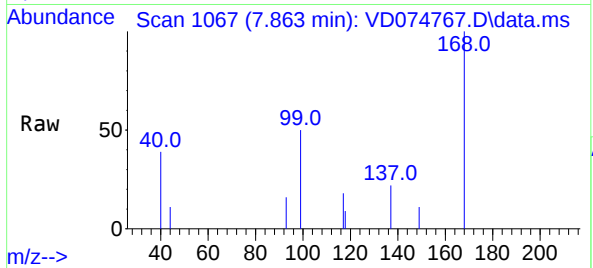




#38
Carbon Tetrachloride
Concen: 4.598 ug/l
RT: 7.863 min Scan# 1089
Delta R.T. -0.130 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

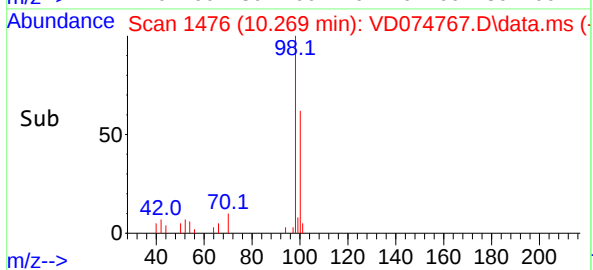
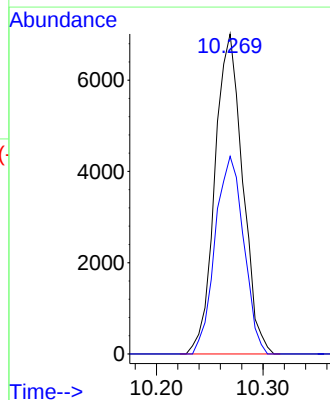
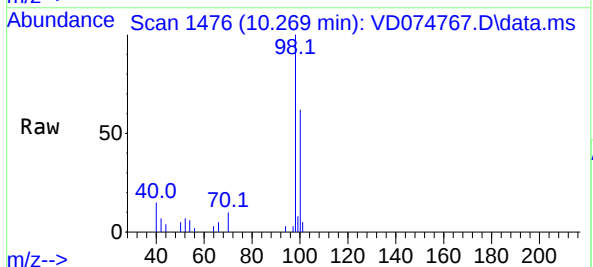
Instrument :
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SB-22

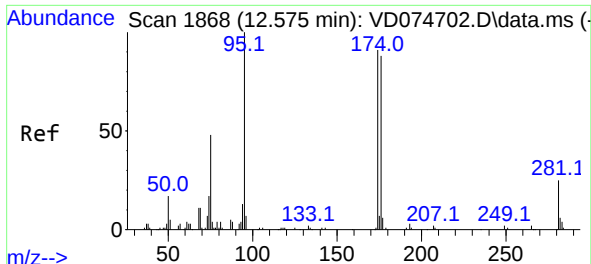
Tgt Ion:117 Resp: 459
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion: 98 Resp: 12688
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



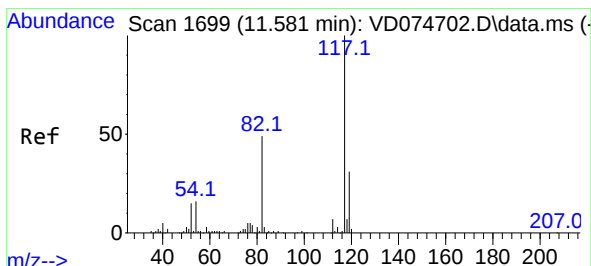
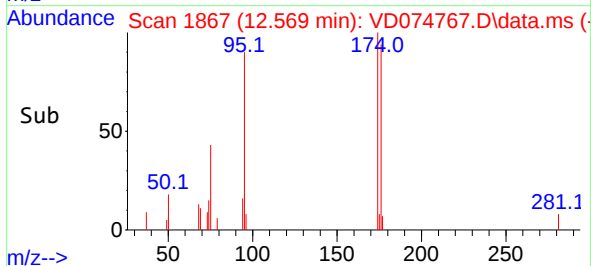
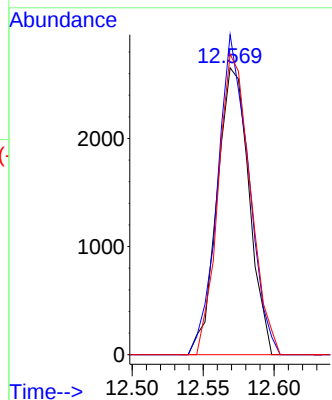
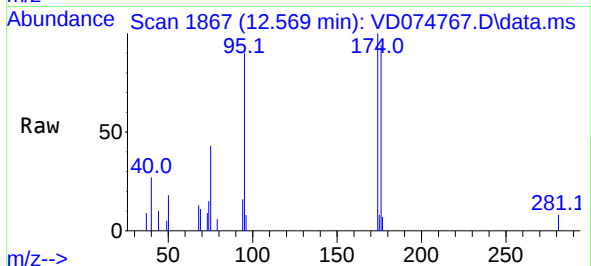


#62
4-Bromofluorobenzene
Concen: 56.886 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 95 Resp: 4159

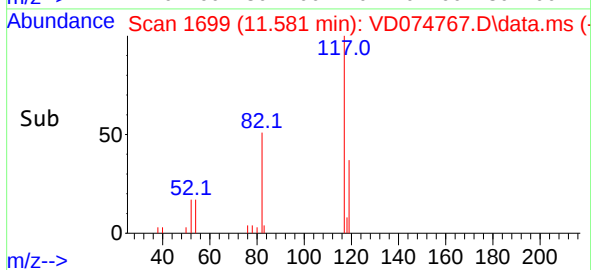
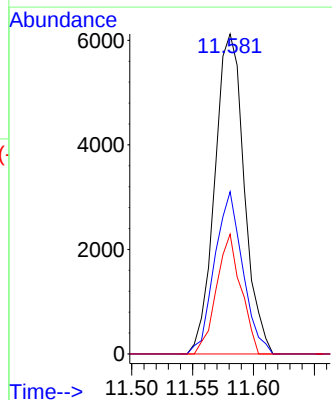
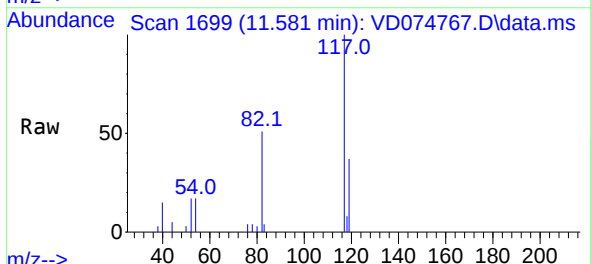
Ion	Ratio	Lower	Upper
95	100		
174	108.1	0.0	197.0
176	104.9	0.0	182.6

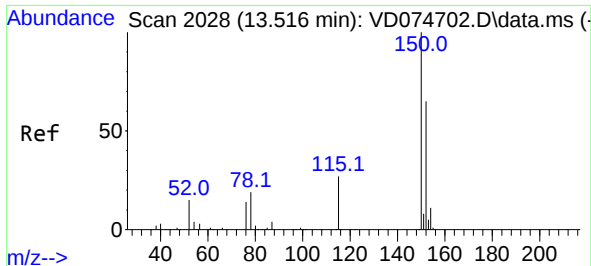


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Tgt Ion: 117 Resp: 10282

Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.6	62.4
119	37.5	25.2	37.8

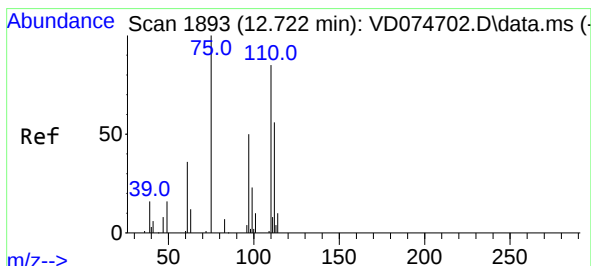
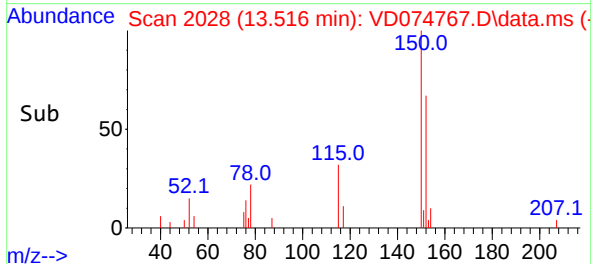
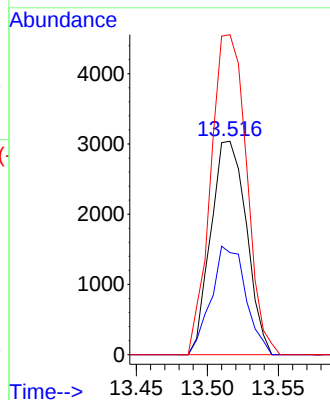
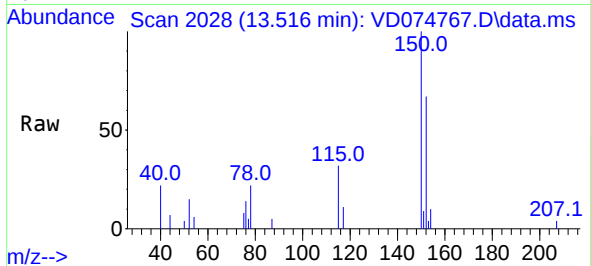




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD074767.D
 Acq: 07 Nov 2022 17:57

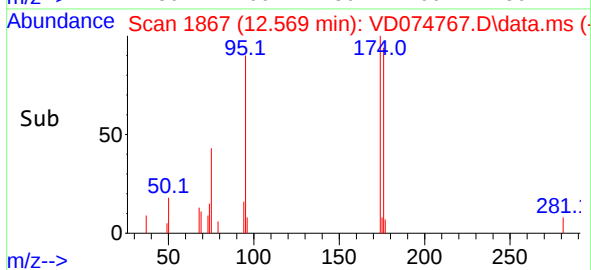
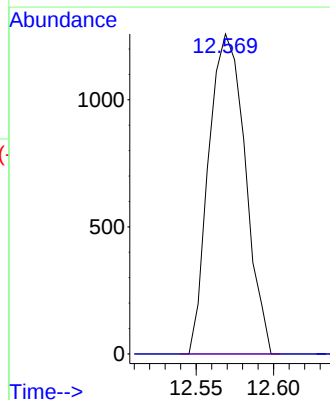
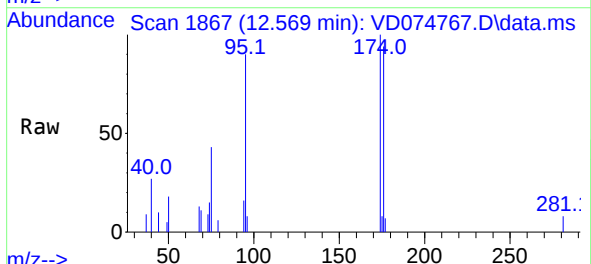
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-22

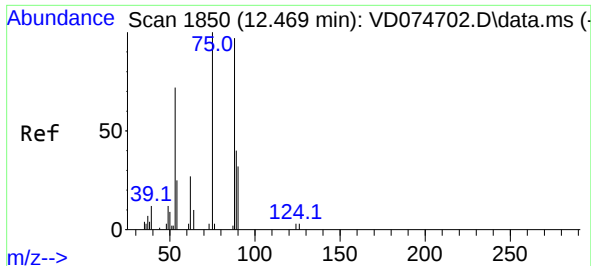
Tgt Ion:152 Resp: 5290
 Ion Ratio Lower Upper
 152 100
 115 49.3 26.8 80.4
 150 151.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 50.282 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074767.D
 Acq: 07 Nov 2022 17:57

Tgt Ion: 75 Resp: 2062
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.358 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD074767.D
Acq: 07 Nov 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
SB-22

Tgt Ion: 75 Resp: 2062
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

