

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074553.D
 Acq On : 17 Oct 2022 19:11
 Operator : VA/SY
 Sample : N5140-13
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-3.5-4.0

Quant Time: Oct 17 23:10:19 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)

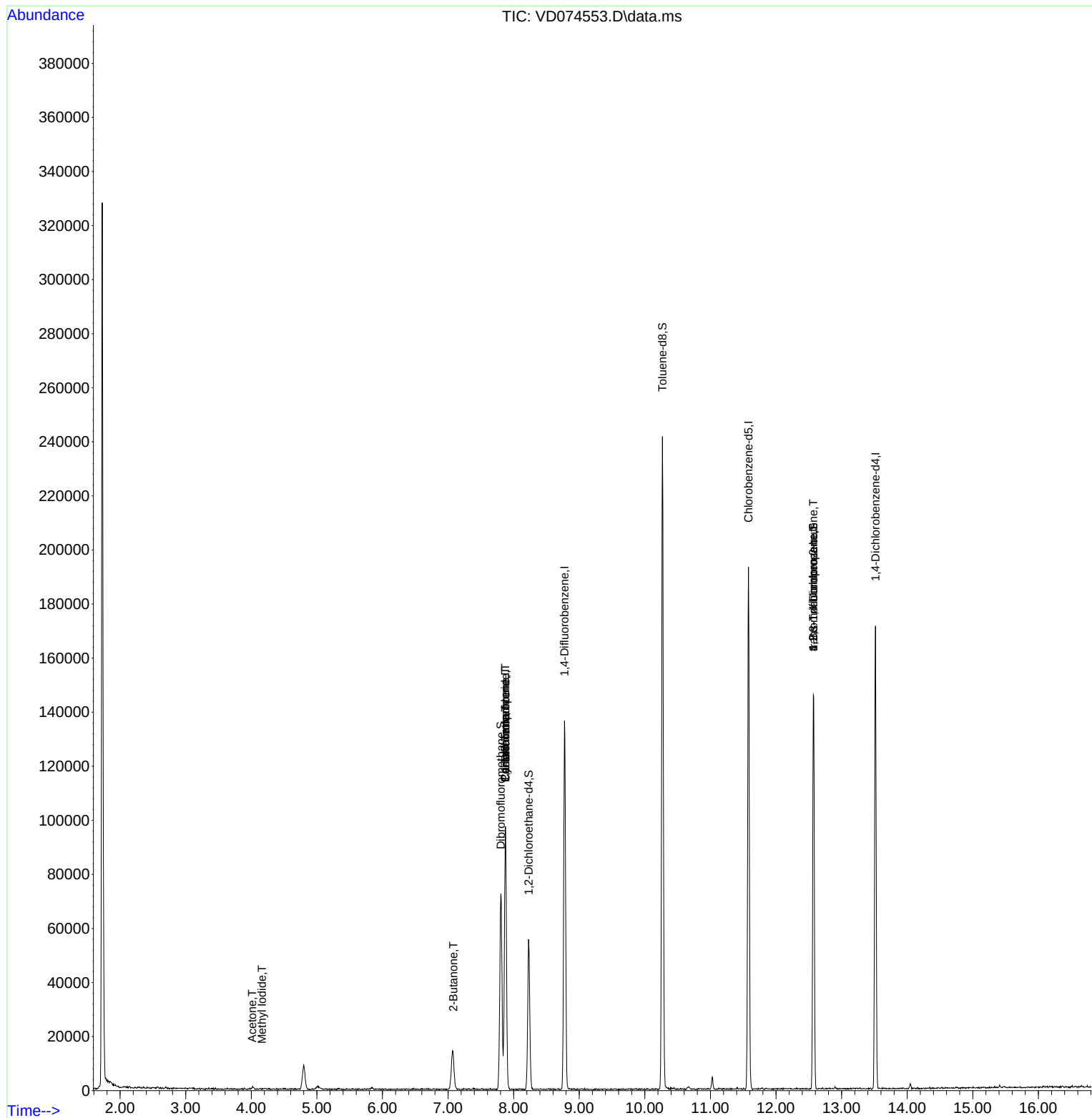
Internal Standards						
1) Pentafluorobenzene	7.875	168	76694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	132786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42140	63.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.660%			
35) Dibromofluoromethane	7.804	113	52404	66.421	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.840%			
50) Toluene-d8	10.269	98	172930	56.650	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.300%			
62) 4-Bromofluorobenzene	12.569	95	45630	48.732	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.460%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.163	142	114	5.392	ug/l #	43
11) Tert butyl alcohol	5.028	59	866	Below Cal	#	84
16) Acetone	4.016	43	1261	8.855	ug/l #	83
20) Methylene Chloride	4.799	84	7712	Below Cal	#	88
25) 2-Butanone	7.081	43	289	1.470	ug/l #	42
31) Cyclohexane	7.875	56	1427	1.016	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	5602	4.396	ug/l #	46
38) Carbon Tetrachloride	7.875	117	7534	6.394	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	22752	54.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	22752	137.350	ug/l #	17

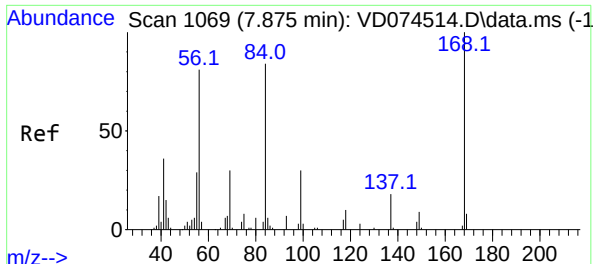
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

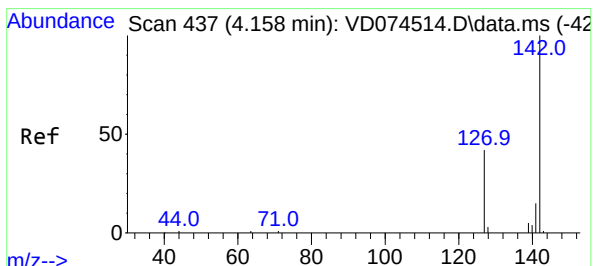
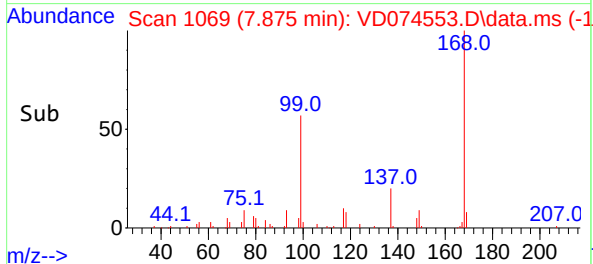
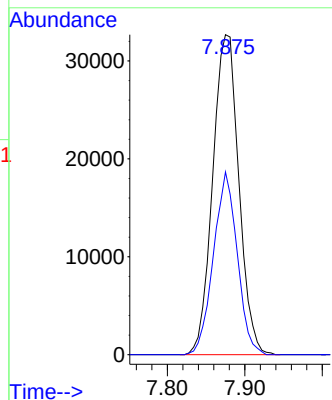
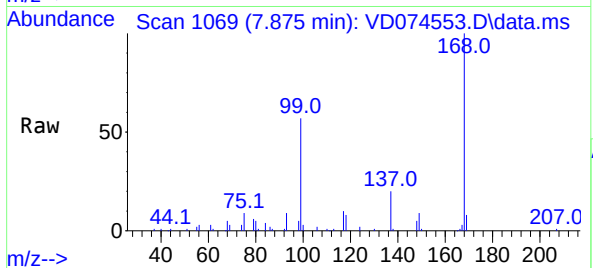




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

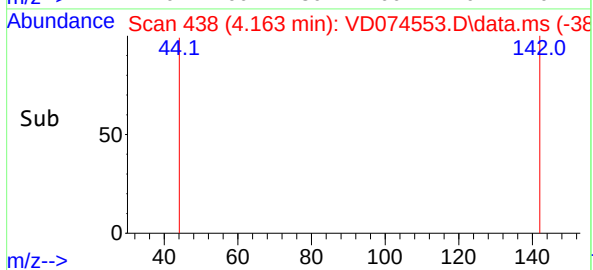
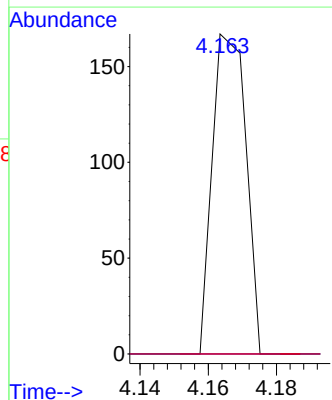
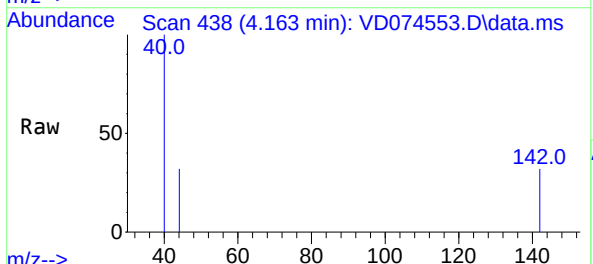
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

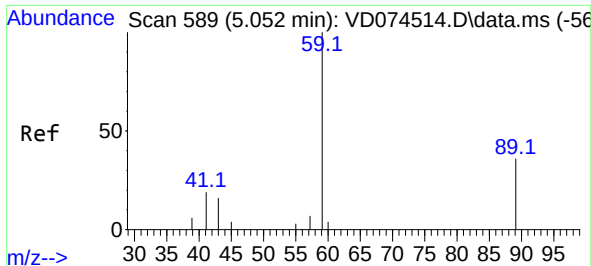
Tgt Ion:168 Resp: 76694
Ion Ratio Lower Upper
168 100
99 57.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.392 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion:142 Resp: 114
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

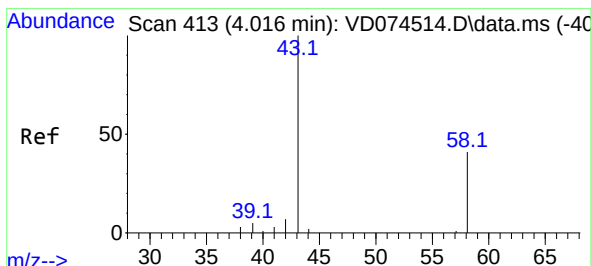
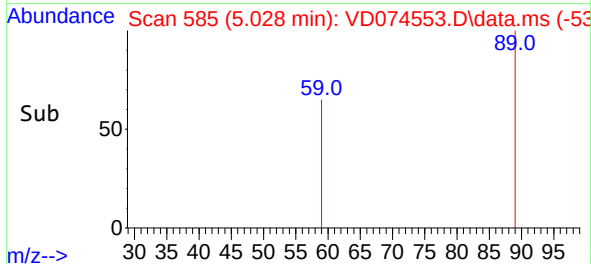
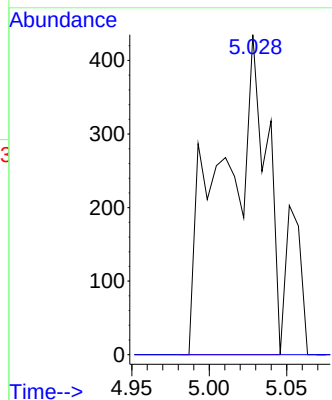
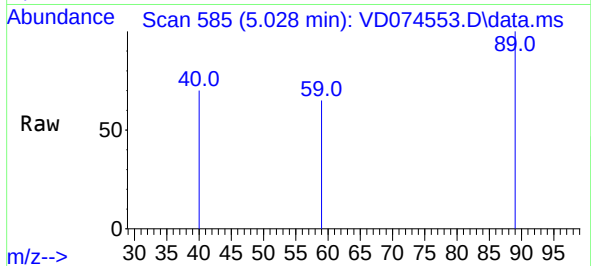




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

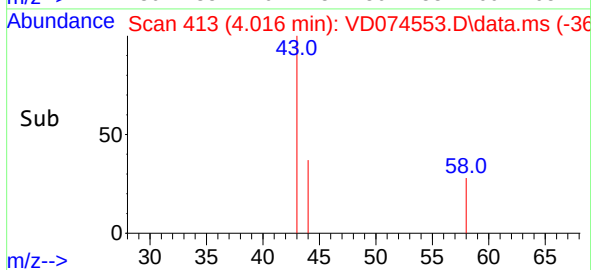
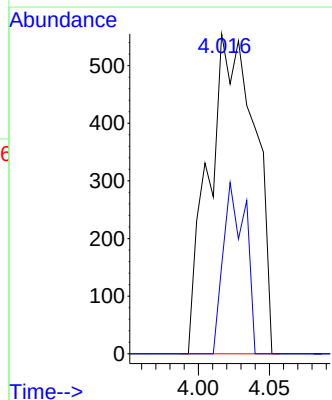
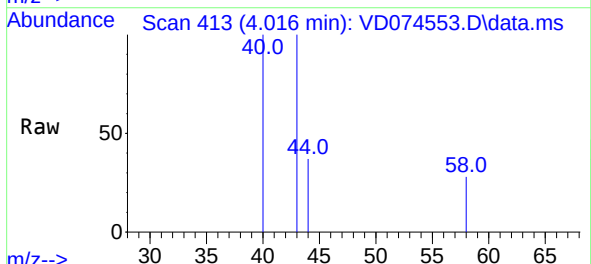
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

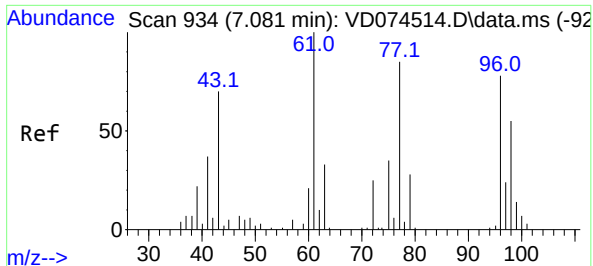
Tgt Ion: 59 Resp: 866
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 8.855 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 27.6 30.2 45.2#

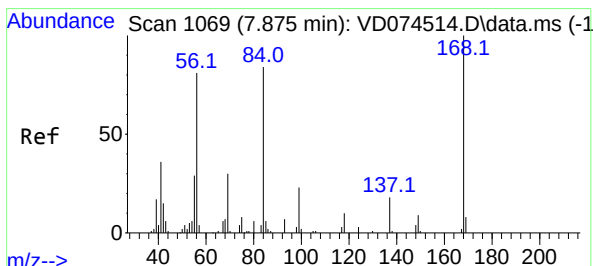
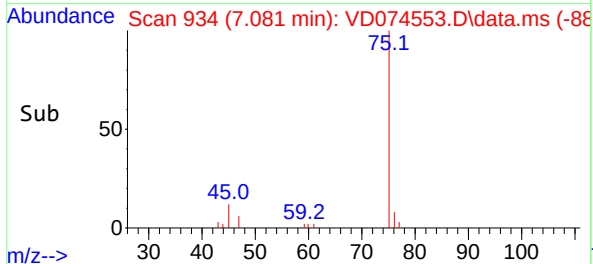
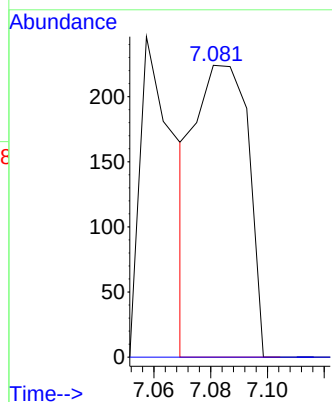
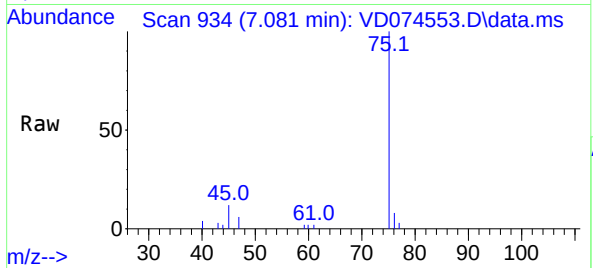




#25
2-Butanone
Concen: 1.470 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

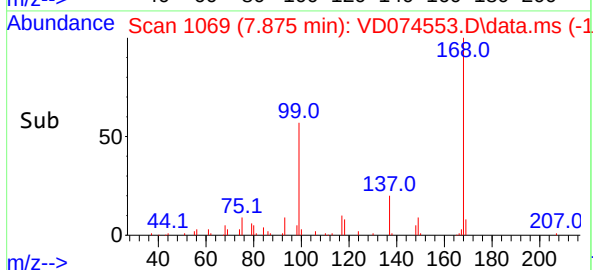
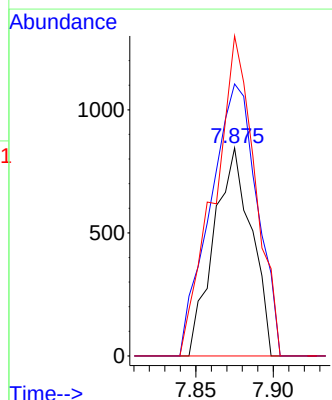
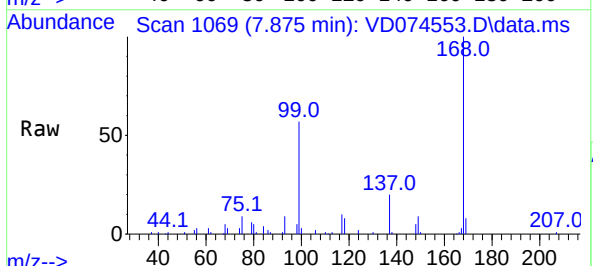
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

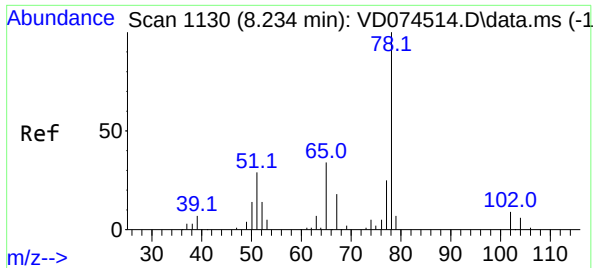
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion: 56 Resp: 1427
Ion Ratio Lower Upper
56 100
69 130.8 29.2 43.8#
84 153.8 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 63.834 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074553.D

Acq: 17 Oct 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

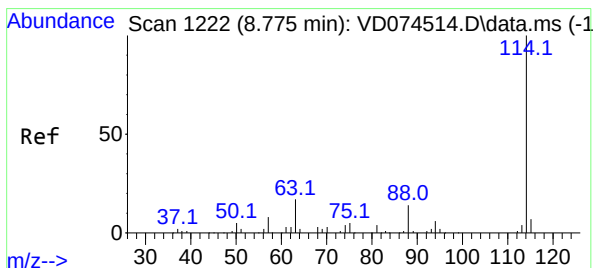
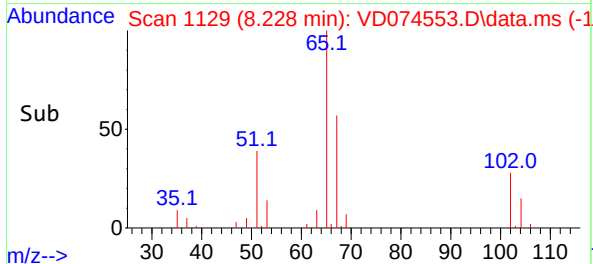
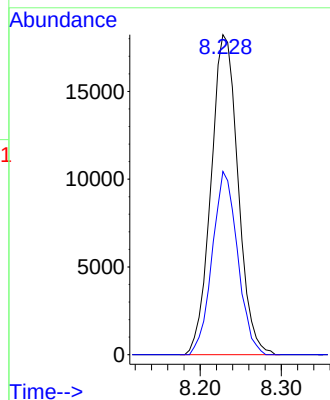
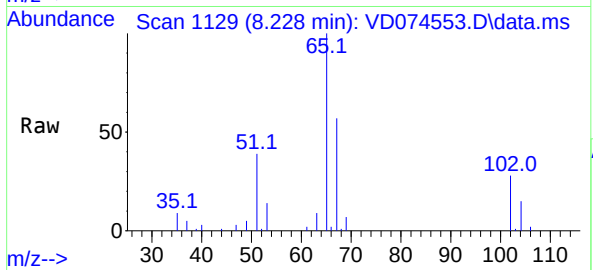
SB-07-3.5-4.0

Tgt Ion: 65 Resp: 42140

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: VD074553.D

Acq: 17 Oct 2022 19:11

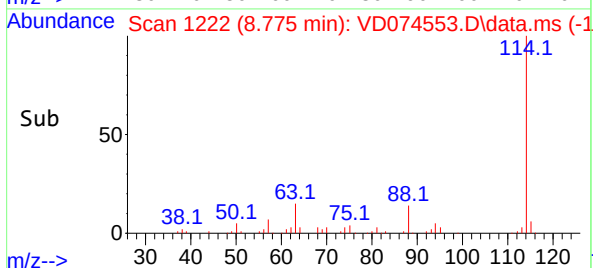
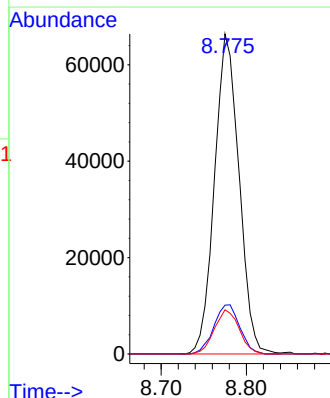
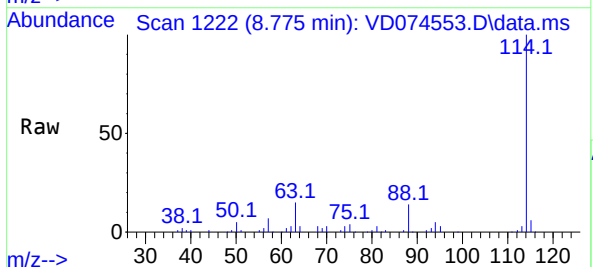
Tgt Ion: 114 Resp: 132786

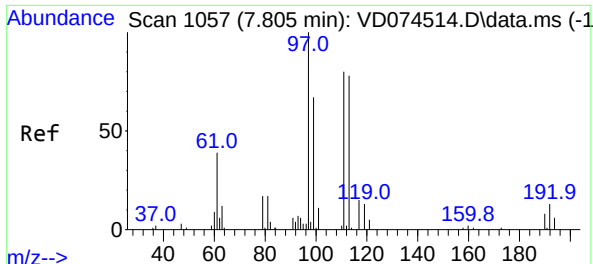
Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 13.8 0.0 28.2

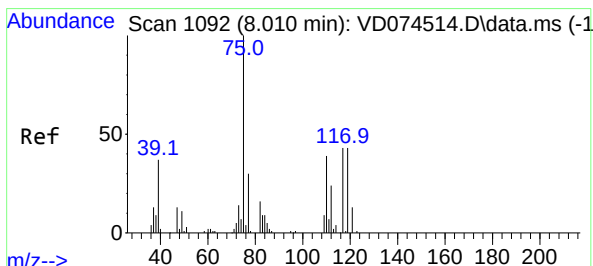
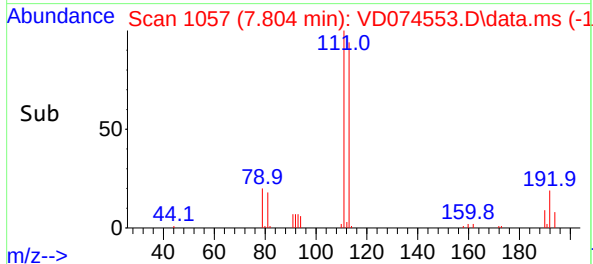
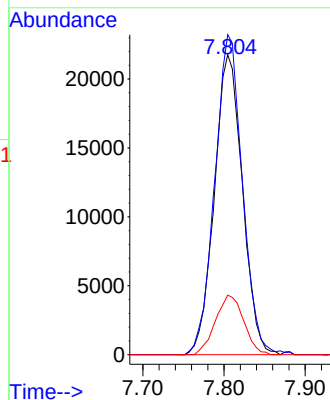
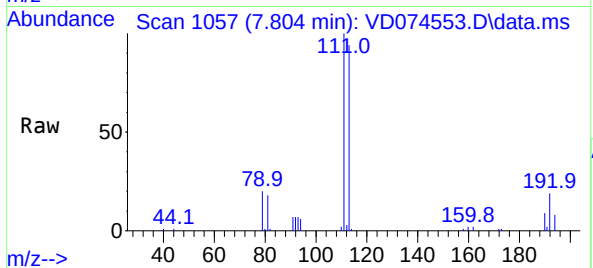




#35
Dibromofluoromethane
Concen: 66.421 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

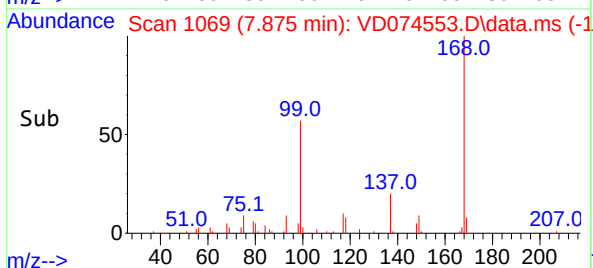
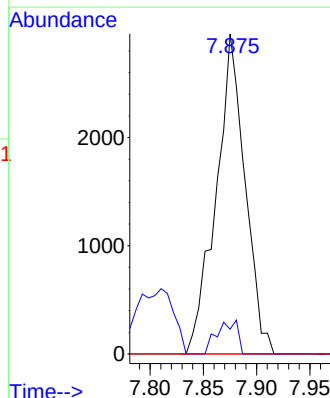
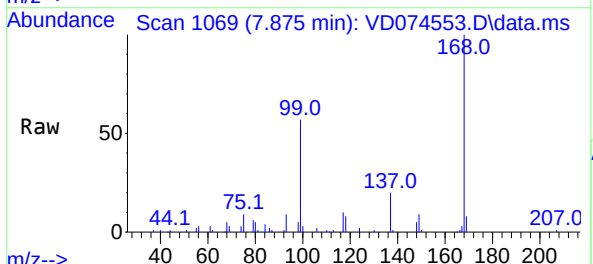
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

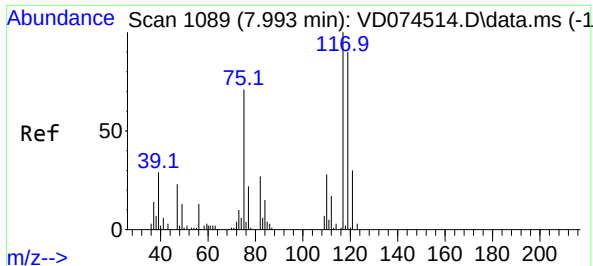
Tgt Ion:	113	Resp:	52404
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.3	123.5
192	19.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion:	75	Resp:	5602
Ion	Ratio	Lower	Upper
75	100		
110	7.4	19.7	59.0#
77	0.0	25.4	38.2#

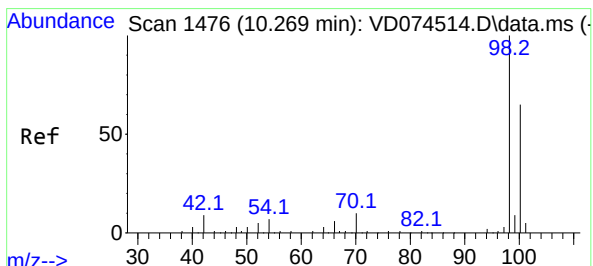
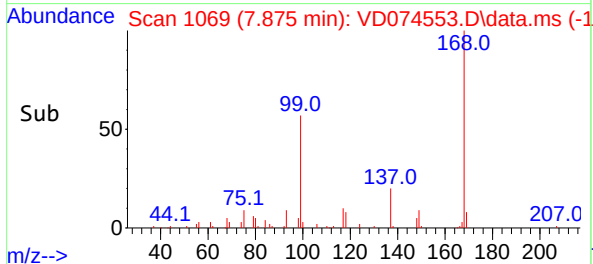
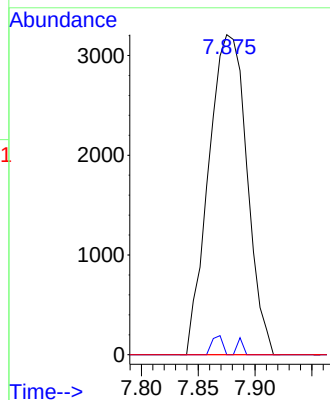
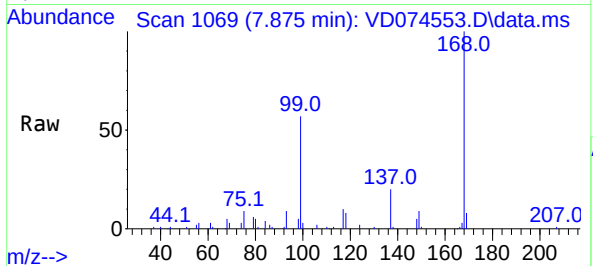




#38
Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

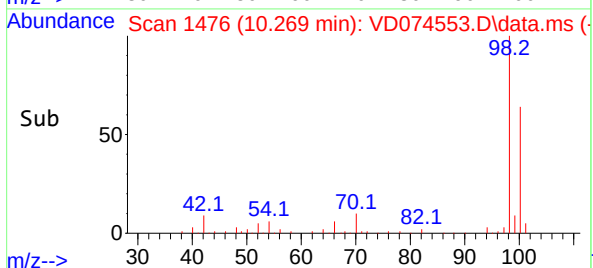
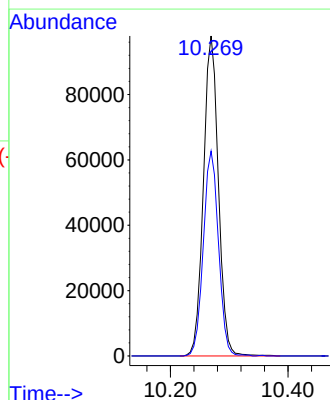
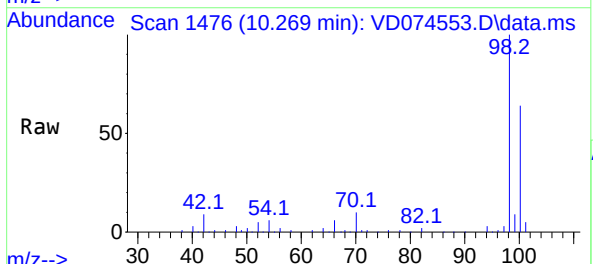
Instrument :
MSVOA_D
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SB-07-3.5-4.0

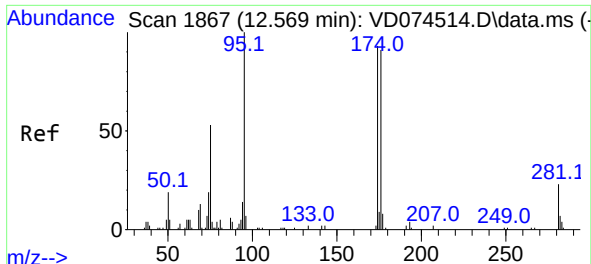
Tgt Ion:117 Resp: 7534
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 56.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion: 98 Resp: 172930
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

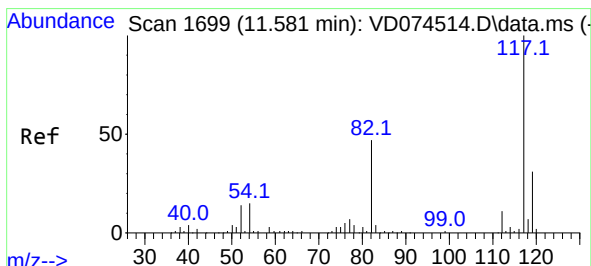
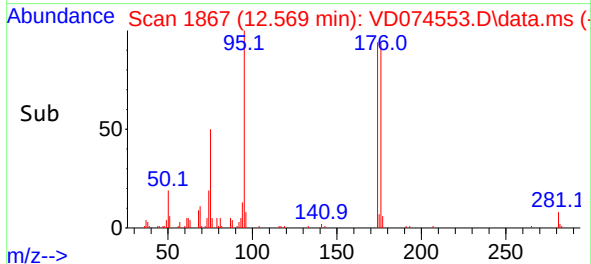
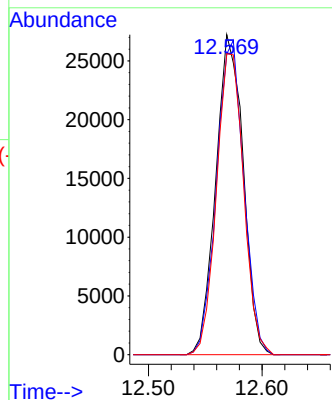
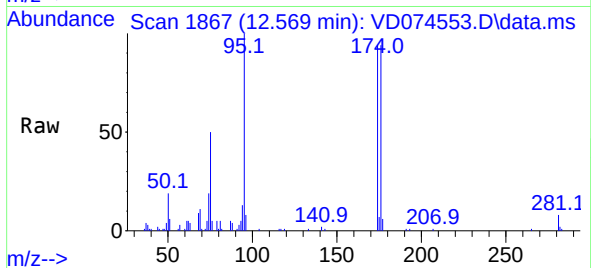




#62
4-Bromofluorobenzene
Concen: 48.732 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

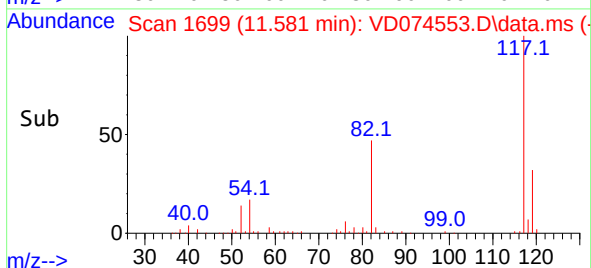
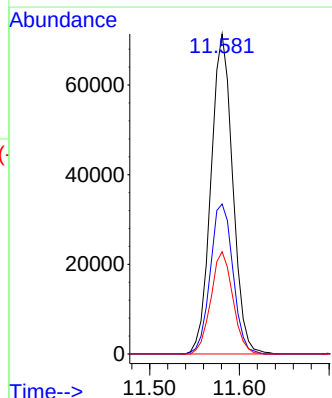
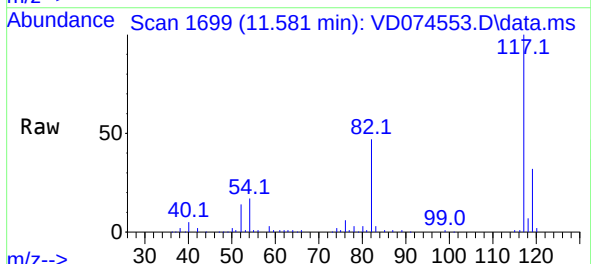
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

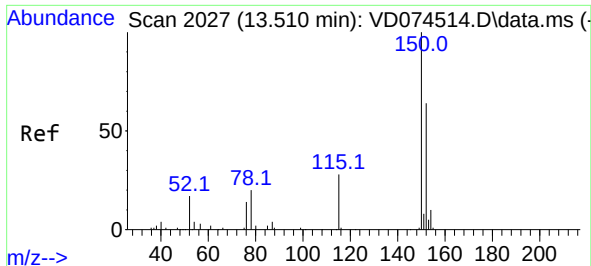
Tgt Ion: 95 Resp: 45630
Ion Ratio Lower Upper
95 100
174 97.5 0.0 197.0
176 93.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

Tgt Ion: 117 Resp: 119947
Ion Ratio Lower Upper
117 100
82 46.8 41.6 62.4
119 31.9 25.2 37.8

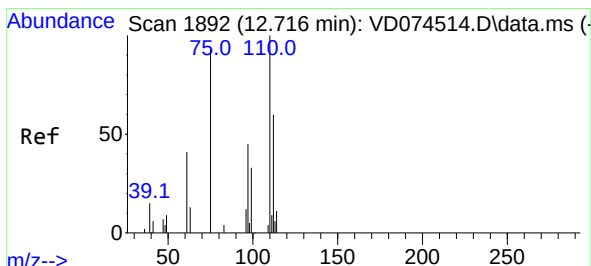
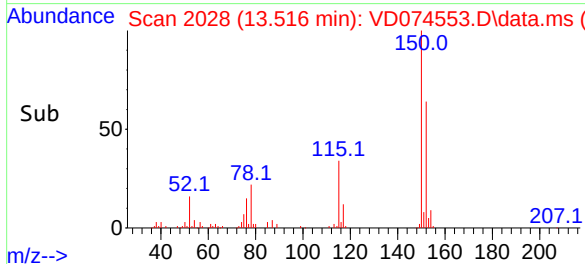
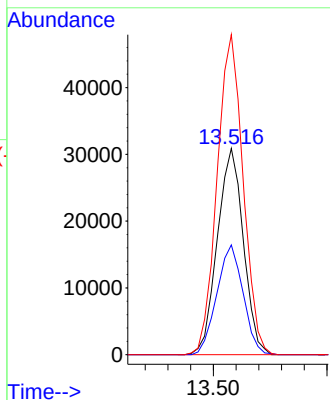
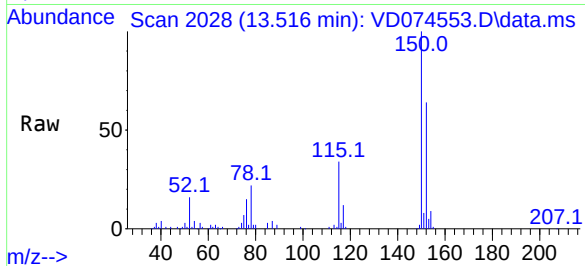




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

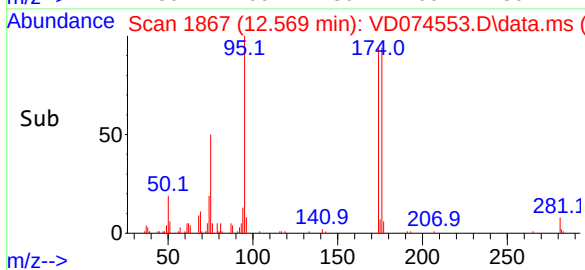
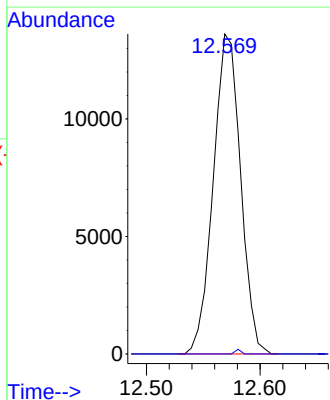
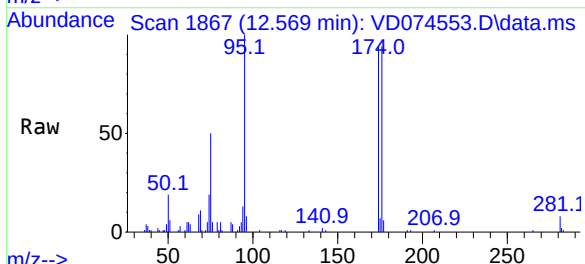
Instrument :
MSVOA_D
ClientSampleId :
SB-07-3.5-4.0

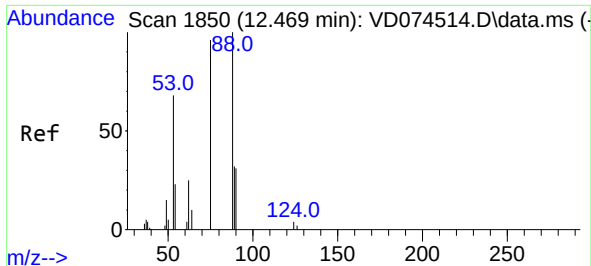
Tgt Ion:152 Resp: 49167
Ion Ratio Lower Upper
152 100
115 53.6 26.8 80.4
150 155.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.147 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074553.D
Acq: 17 Oct 2022 19:11

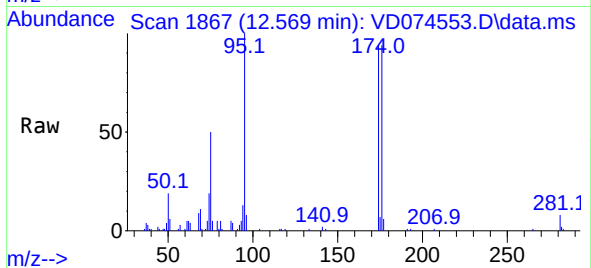
Tgt Ion: 75 Resp: 22752
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.350 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074553.D
 Acq: 17 Oct 2022 19:11

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-3.5-4.0



Tgt Ion: 75 Resp: 22752
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.3 38.2 57.4#

