

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074914.D
 Acq On : 12 Nov 2022 04:09
 Operator : VA/SY
 Sample : N5607-09
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39

Quant Time: Nov 14 00:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

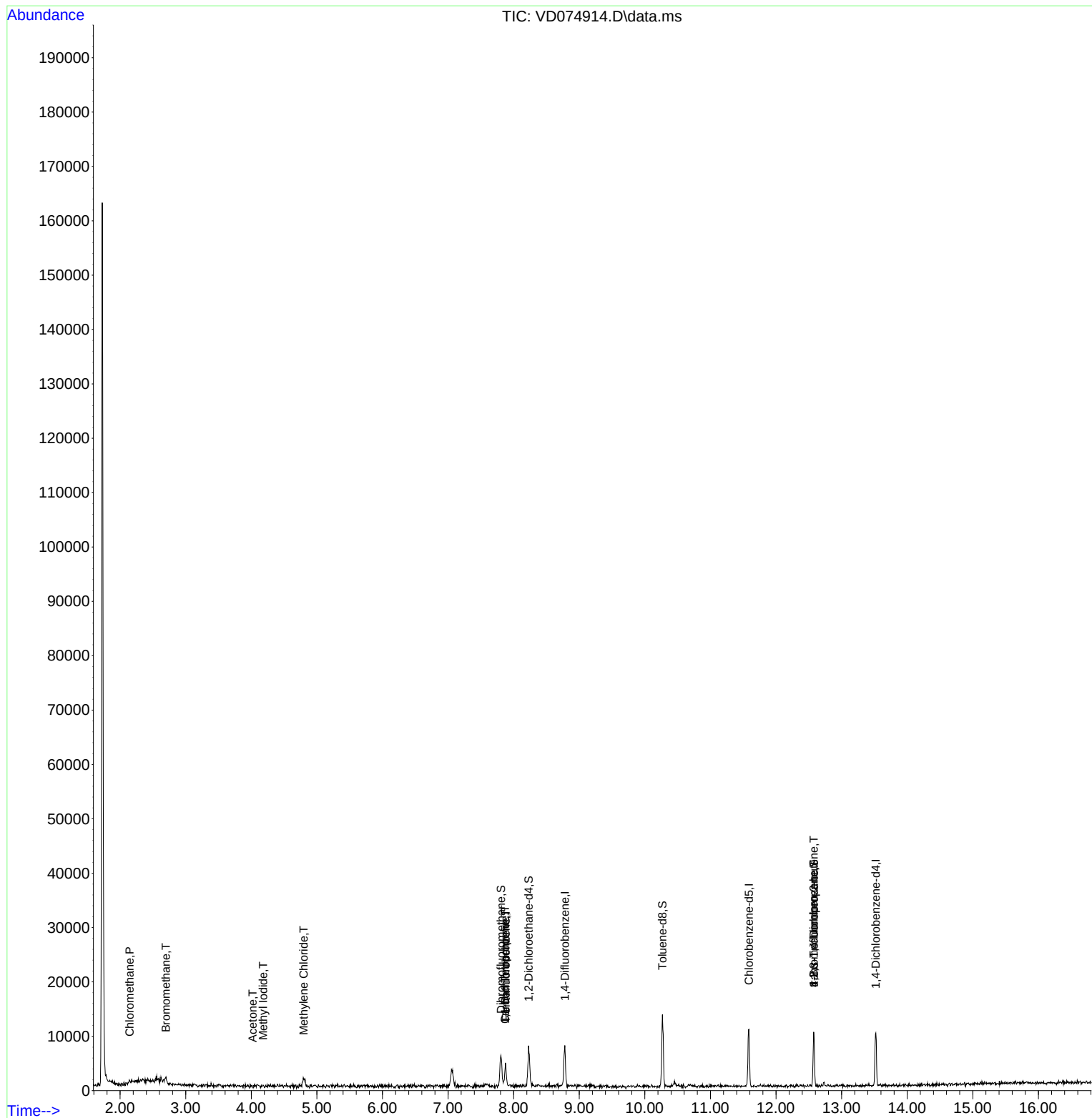
Internal Standards						
1) Pentafluorobenzene	7.881	168	4237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	8312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	7637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	3626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5605	219.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 438.260%#	
35) Dibromofluoromethane	7.810	113	4507	87.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 175.920%#	
50) Toluene-d8	10.269	98	9984	59.154	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.300%	
62) 4-Bromofluorobenzene	12.575	95	3280	63.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	361	4.743	ug/l #	37
5) Bromomethane	2.699	94	553	11.638	ug/l #	43
10) Methyl Iodide	4.181	142	60	5.825	ug/l #	43
16) Acetone	4.022	43	144	20.587	ug/l #	37
20) Methylene Chloride	4.798	84	1210	9.690	ug/l #	71
36) 1,1-Dichloropropene	7.869	75	123	1.633	ug/l #	39
38) Carbon Tetrachloride	7.869	117	189	2.666	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	1664	54.867	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	1664	134.974	ug/l #	17

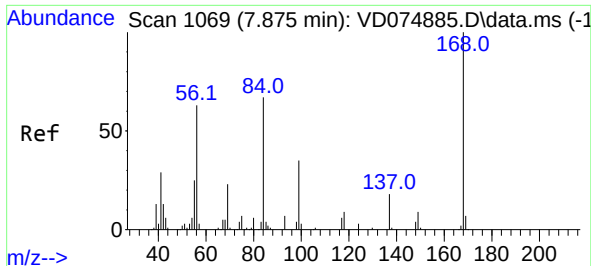
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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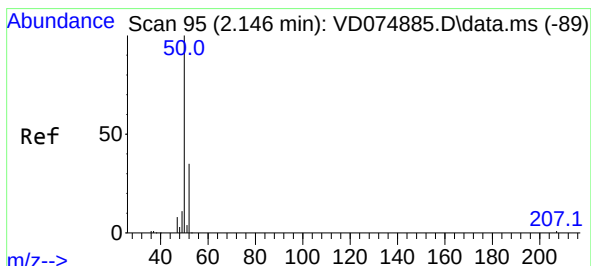
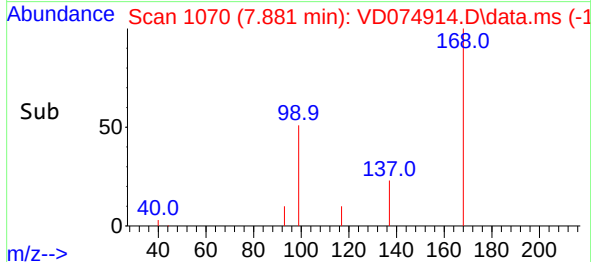
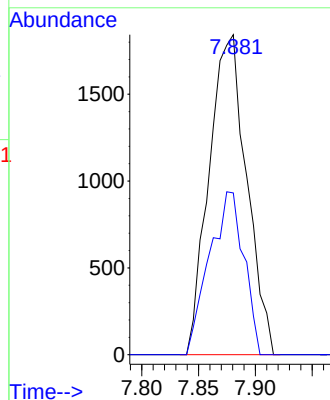
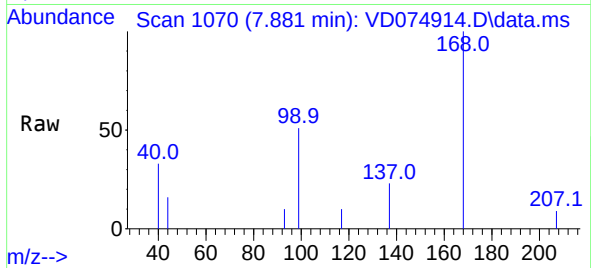




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

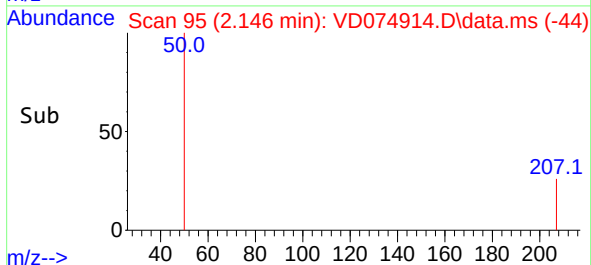
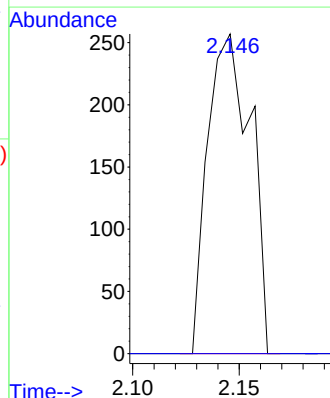
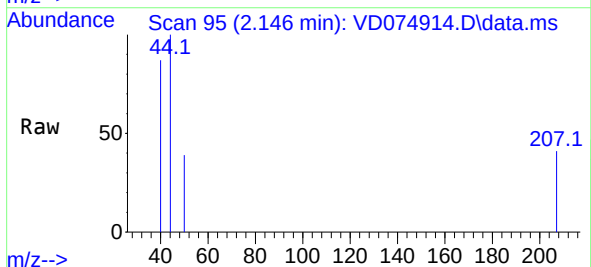
Instrument :
MSVOA_D
ClientSampleId :
SB-39

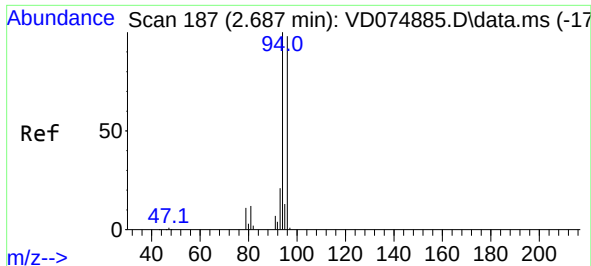
Tgt Ion:168 Resp: 4237
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#3
Chloromethane
Concen: 4.743 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

Tgt Ion: 50 Resp: 361
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

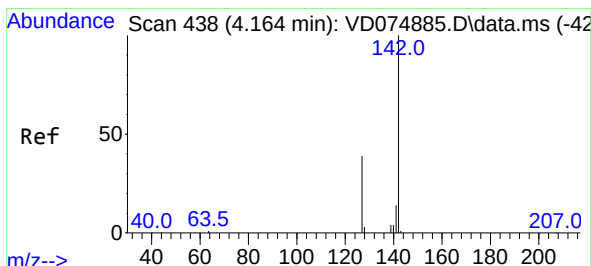
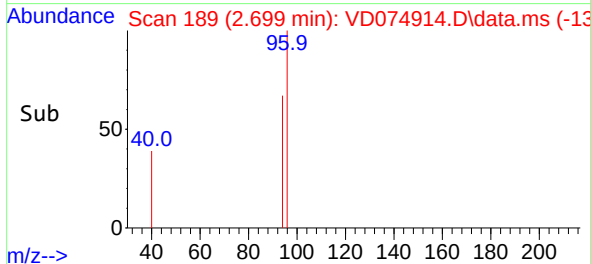
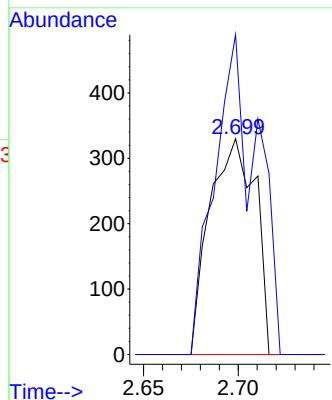
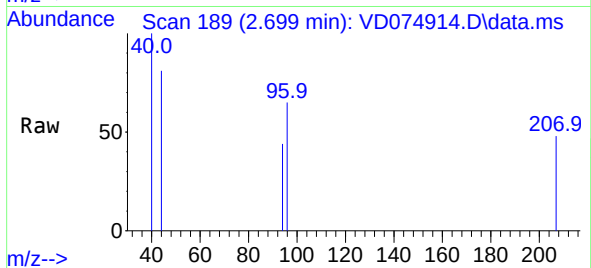




#5
Bromomethane
Concen: 11.638 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

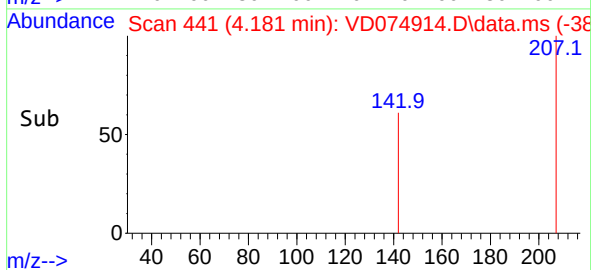
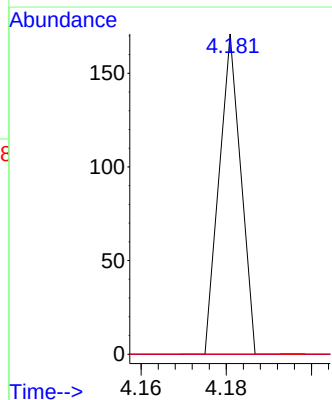
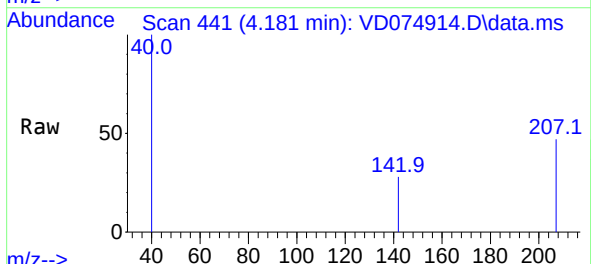
Instrument :
MSVOA_D
ClientSampleId :
SB-39

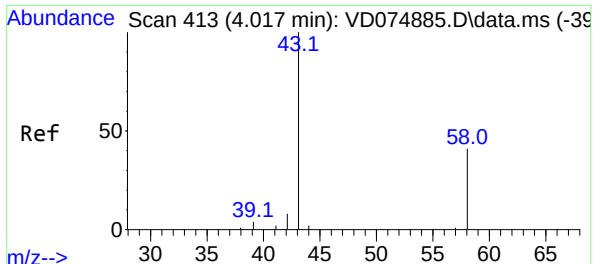
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 148.2 74.6 112.0#



#10
Methyl Iodide
Concen: 5.825 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.017 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

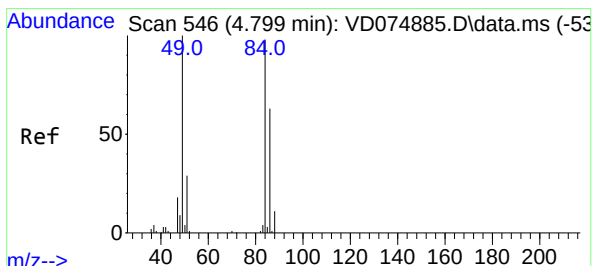
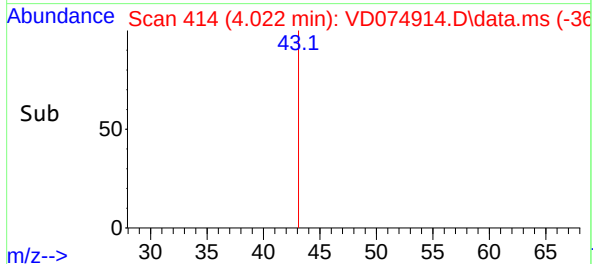
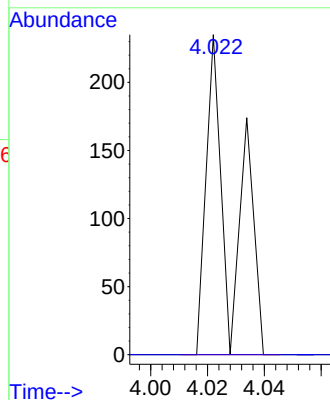
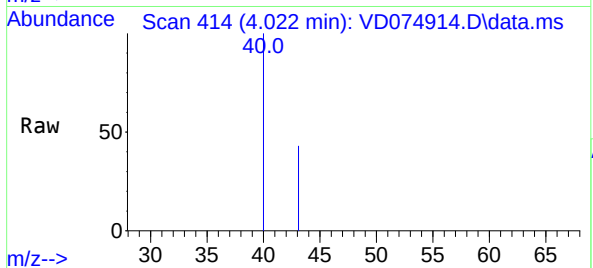




#16
Acetone
Concen: 20.587 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

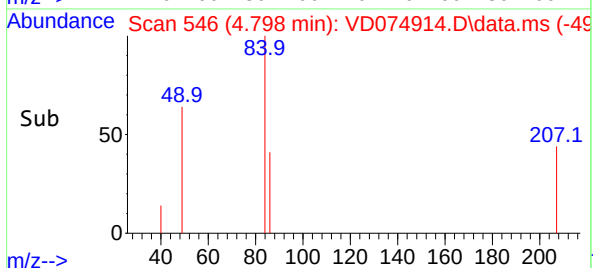
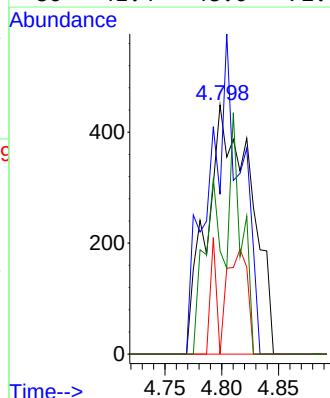
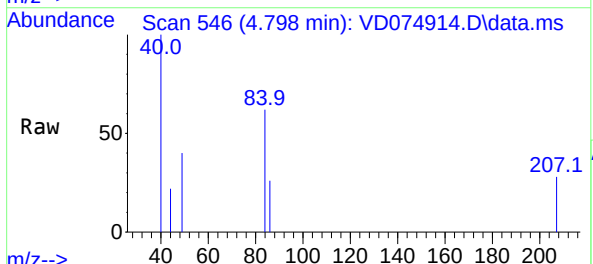
Instrument :
MSVOA_D
ClientSampleId :
SB-39

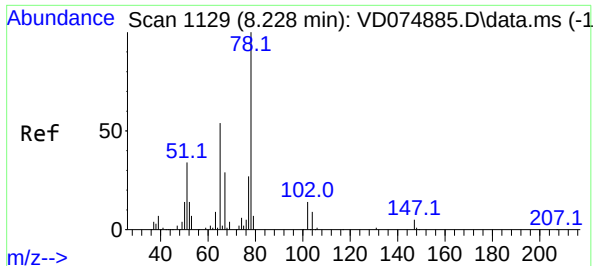
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: 9.690 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

Tgt Ion: 84 Resp: 1210
Ion Ratio Lower Upper
84 100
49 64.1 68.0 102.0#
51 0.0 23.2 34.8#
86 41.4 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 219.129 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074914.D

Acq: 12 Nov 2022 04:09

Instrument :

MSVOA_D

ClientSampleId :

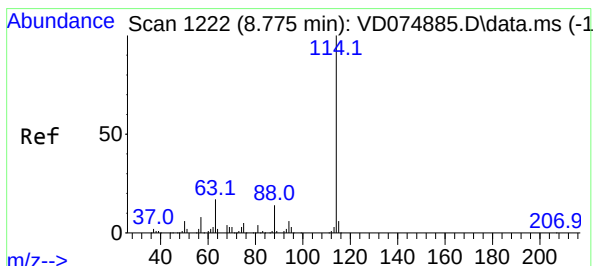
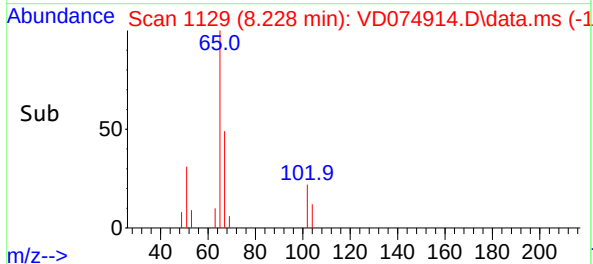
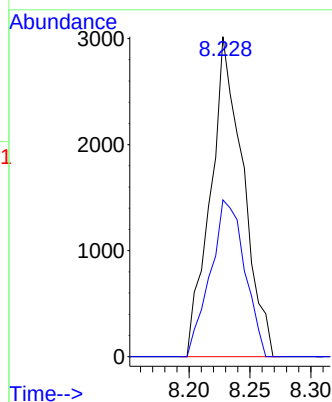
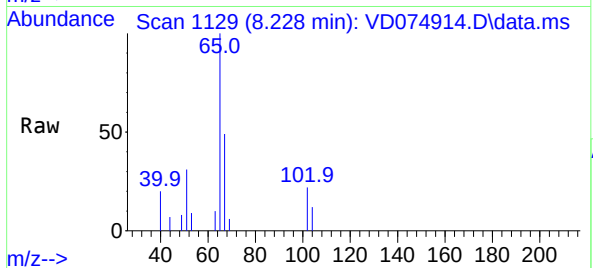
SB-39

Tgt Ion: 65 Resp: 5605

Ion Ratio Lower Upper

65 100

67 51.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074914.D

Acq: 12 Nov 2022 04:09

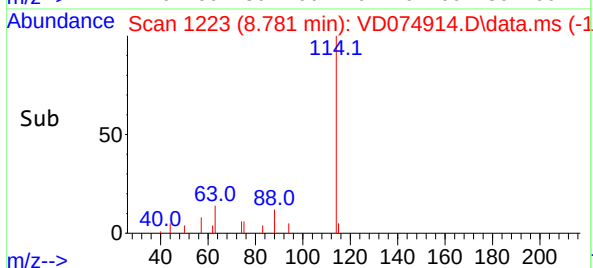
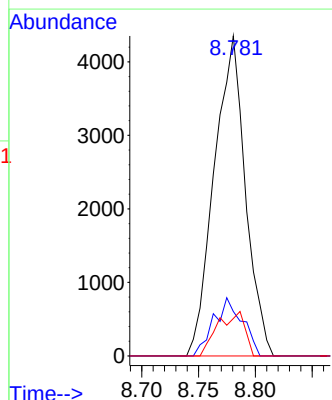
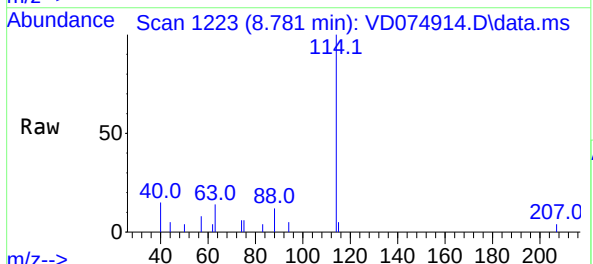
Tgt Ion: 114 Resp: 8312

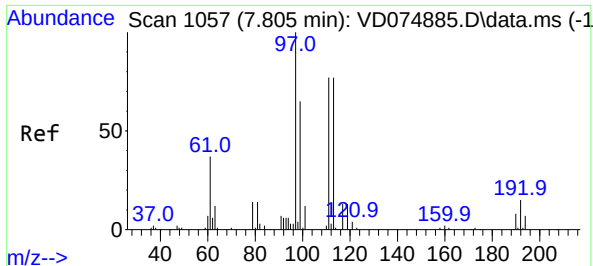
Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.2

88 11.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 87.963 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074914.D

Acq: 12 Nov 2022 04:09

Instrument :

MSVOA_D

ClientSampleId :

SB-39

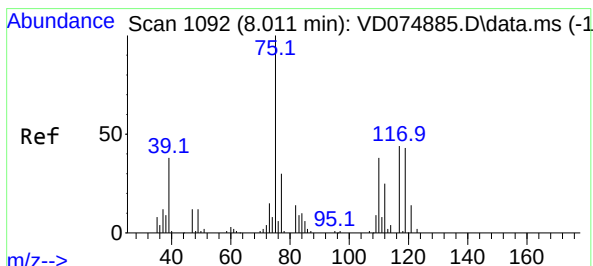
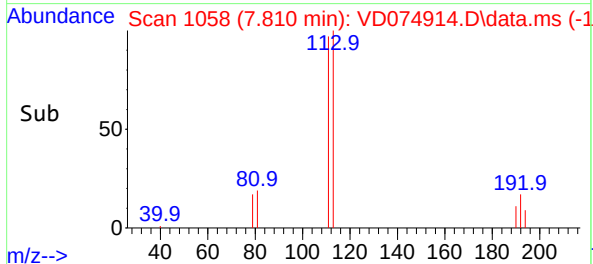
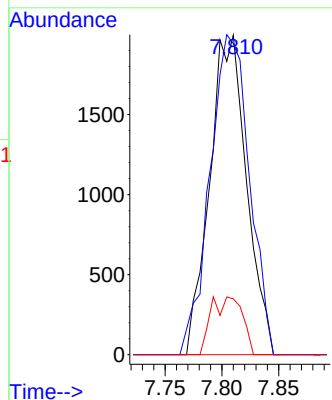
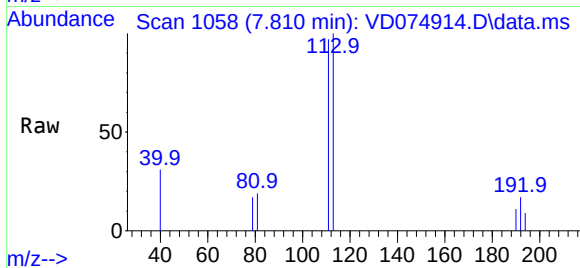
Tgt Ion:113 Resp: 4507

Ion Ratio Lower Upper

113 100

111 107.2 82.3 123.5

192 15.3 16.4 24.6#



#36

1,1-Dichloropropene

Concen: 1.633 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VD074914.D

Acq: 12 Nov 2022 04:09

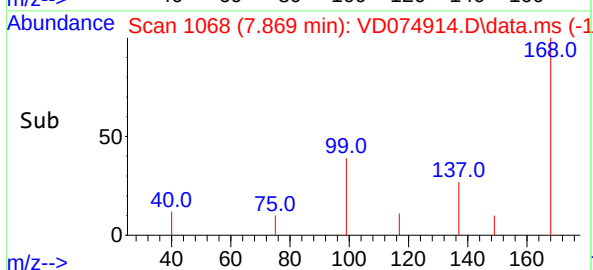
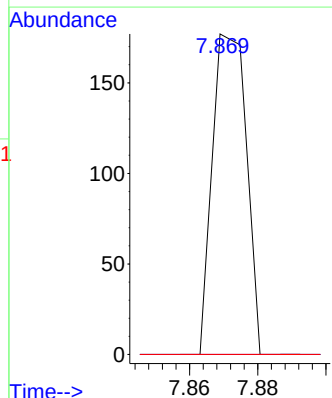
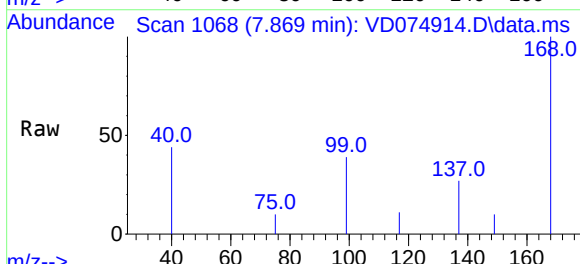
Tgt Ion: 75 Resp: 123

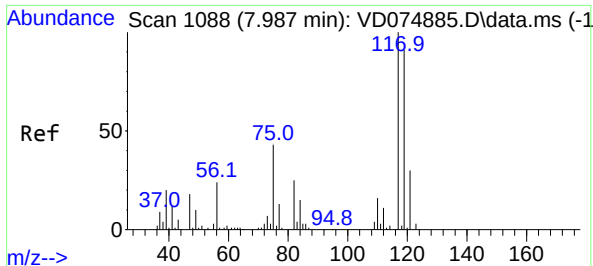
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#

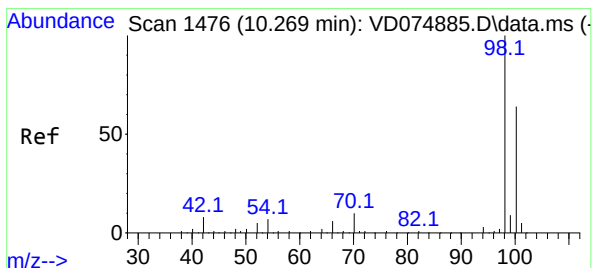
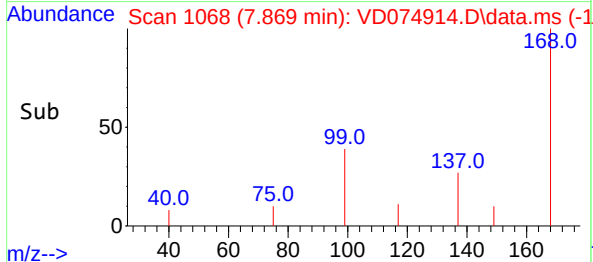
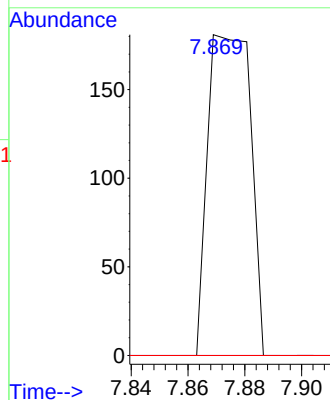
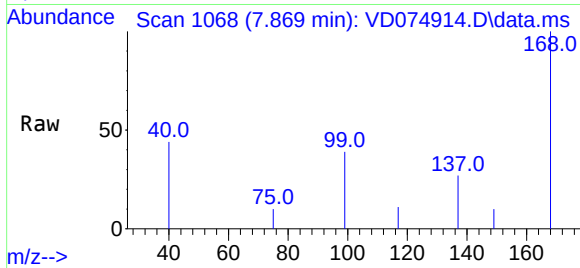




#38
Carbon Tetrachloride
Concen: 2.666 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

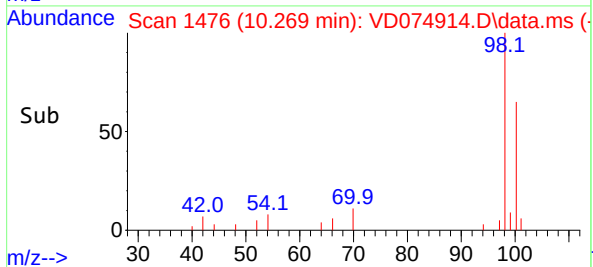
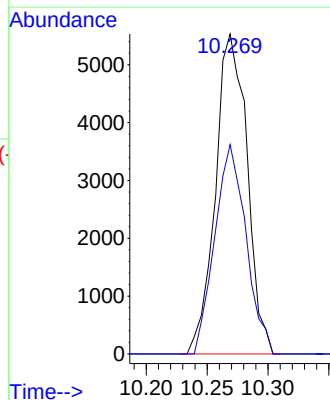
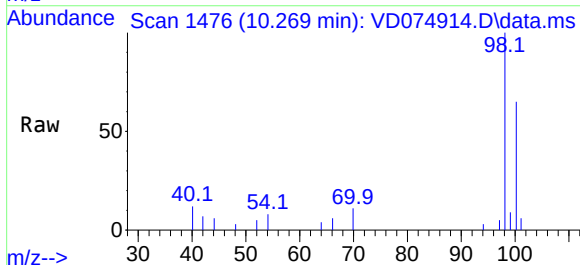
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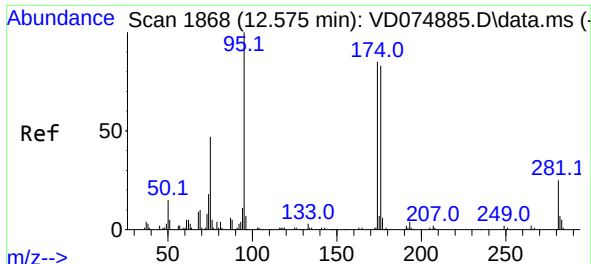
Tgt Ion:117 Resp: 189
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 59.154 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

Tgt Ion: 98 Resp: 9984
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

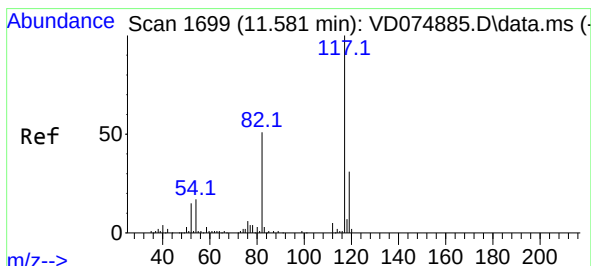
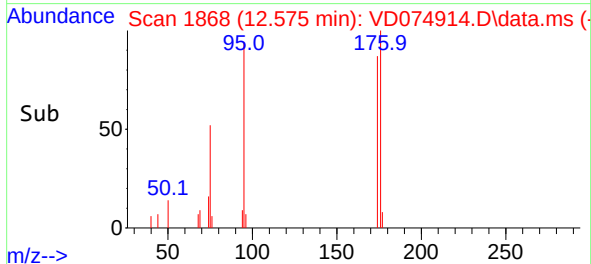
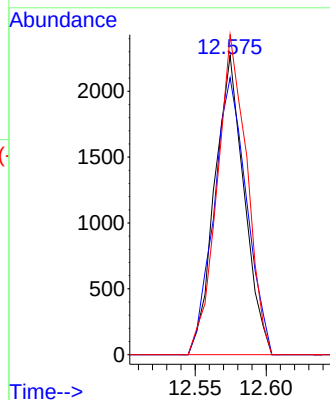
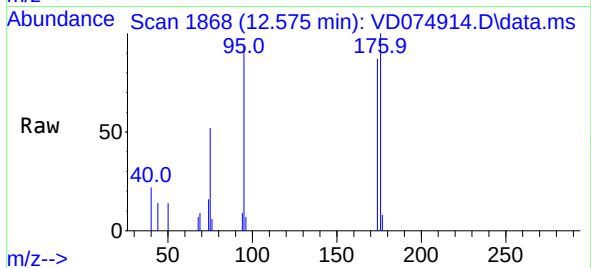




#62
4-Bromofluorobenzene
Concen: 63.288 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

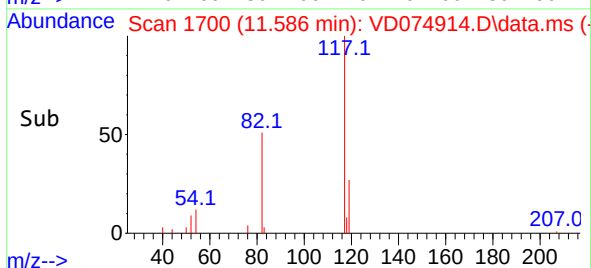
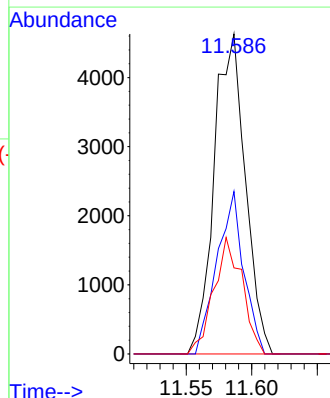
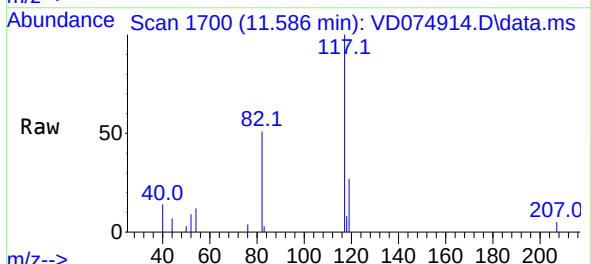
Instrument :
MSVOA_D
ClientSampleId :
SB-39

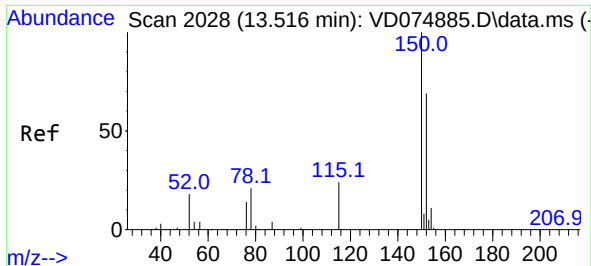
Tgt Ion:	95	Resp:	3280
Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	197.0
176	108.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

Tgt Ion:	117	Resp:	7637
Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.6	62.4
119	26.9	25.2	37.8

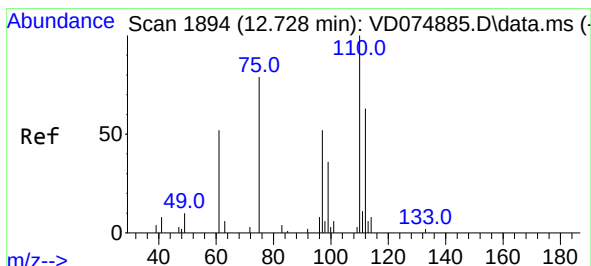
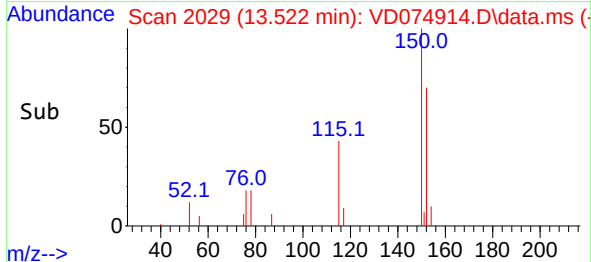
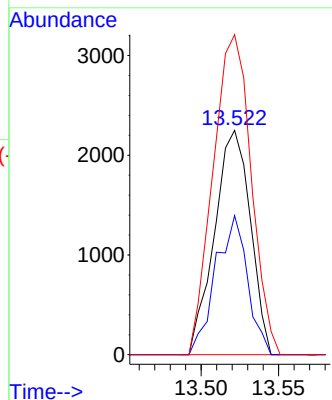
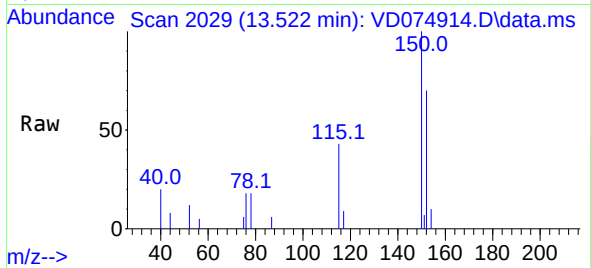




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

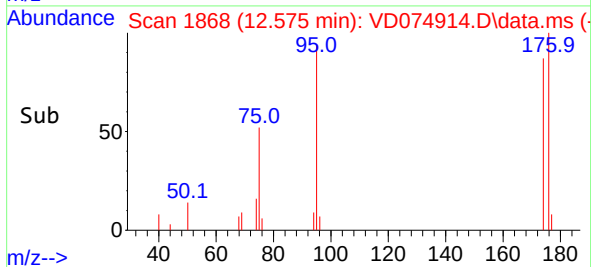
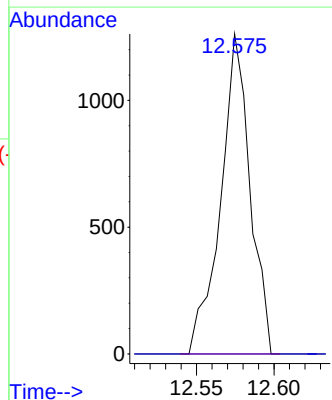
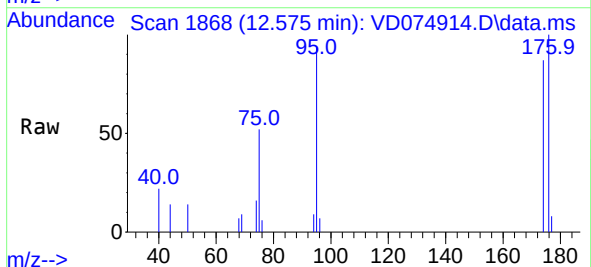
Instrument :
MSVOA_D
ClientSampleId :
SB-39

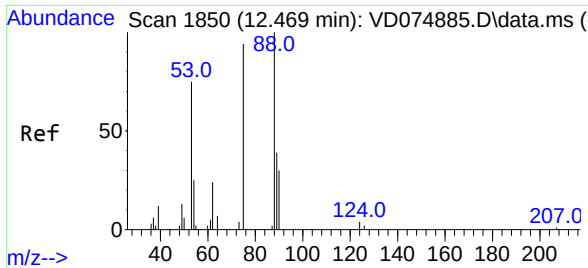
Tgt Ion:152 Resp: 3626
Ion Ratio Lower Upper
152 100
115 54.9 26.8 80.4
150 151.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.867 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074914.D
Acq: 12 Nov 2022 04:09

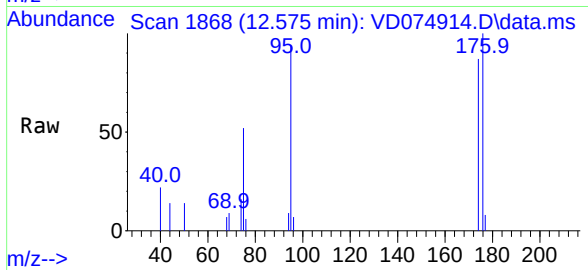
Tgt Ion: 75 Resp: 1664
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.974 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074914.D
 Acq: 12 Nov 2022 04:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-39



Tgt Ion:	75	Resp:	1664
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

