

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074978.D
 Acq On : 17 Nov 2022 19:06
 Operator : VA/SY
 Sample : N5678-05
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 250FB-BP-BACKFILL-03

Quant Time: Nov 17 22:37:29 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)

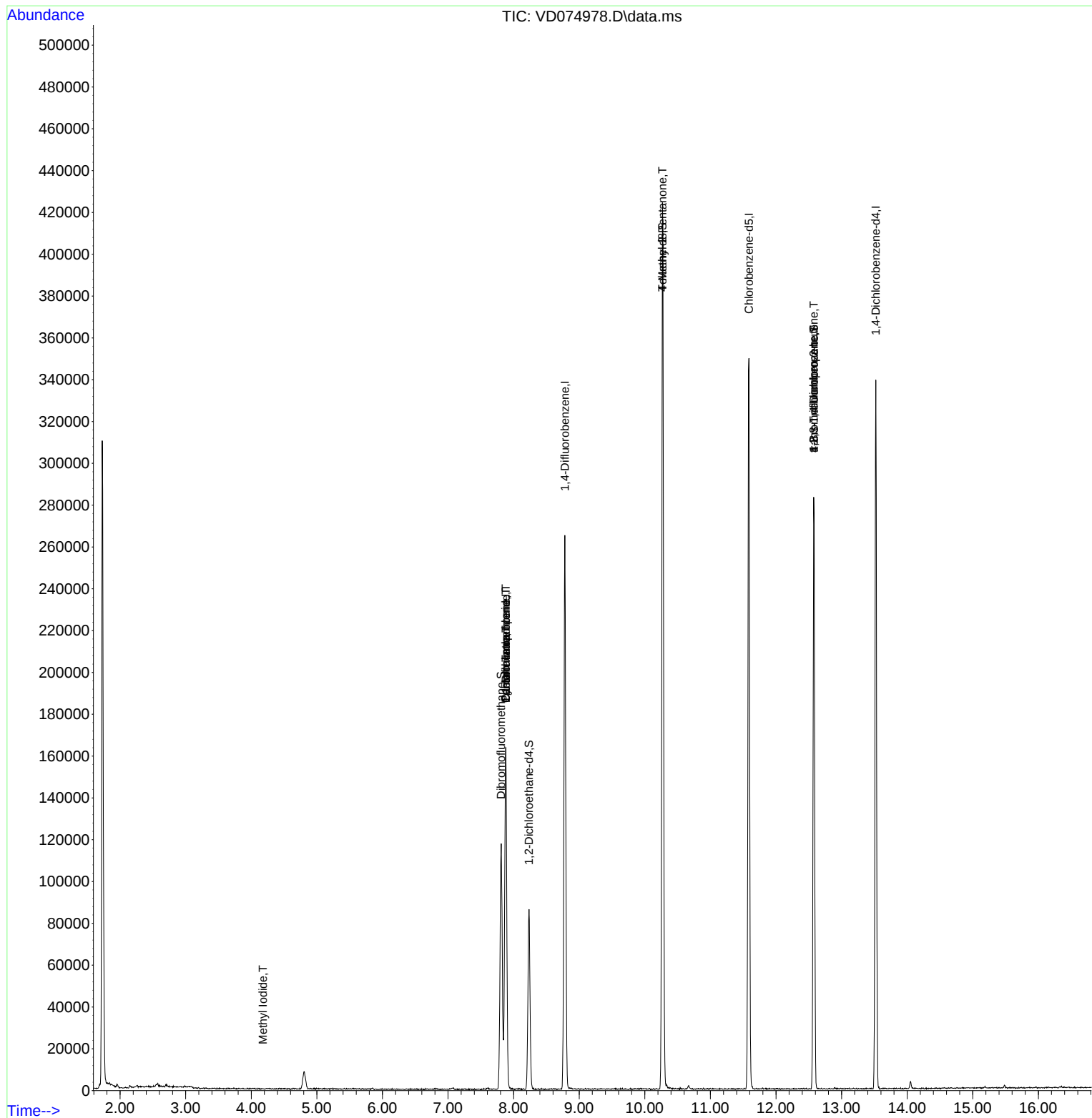
Internal Standards						
1) Pentafluorobenzene	7.881	168	133889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	225933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66282	77.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.600%	
35) Dibromofluoromethane	7.810	113	86977	57.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.269	98	312985	62.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.680%	
62) 4-Bromofluorobenzene	12.575	95	87327	56.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	559	Below Cal	#	37
5) Bromomethane	2.699	94	744	Below Cal		94
10) Methyl Iodide	4.175	142	138	4.846	ug/l #	43
20) Methylene Chloride	4.805	84	7114	Below Cal		92
31) Cyclohexane	7.881	56	2269	1.162	ug/l #	32
36) 1,1-Dichloropropene	7.881	75	9755	4.355	ug/l #	45
38) Carbon Tetrachloride	7.881	117	12202	5.787	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	834	1.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	43501	53.580	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	43501	131.807	ug/l #	17

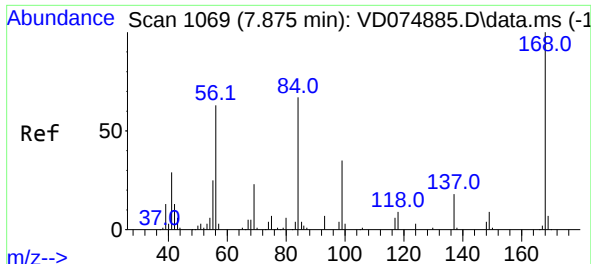
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
Data File : VD074978.D
Acq On : 17 Nov 2022 19:06
Operator : VA/SY
Sample : N5678-05
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

Quant Time: Nov 17 22:37:29 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

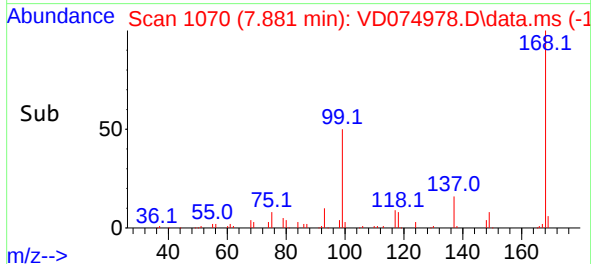
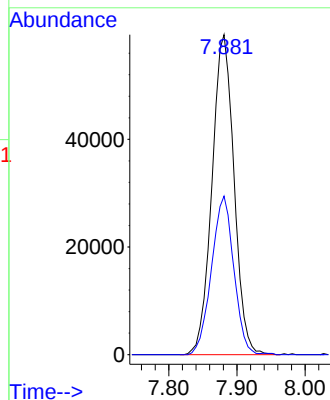
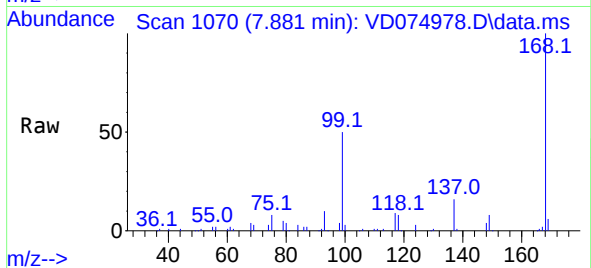




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

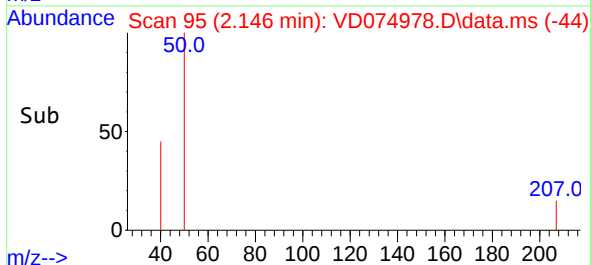
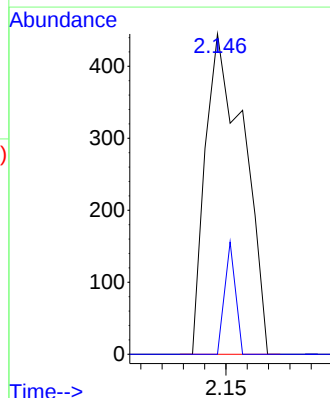
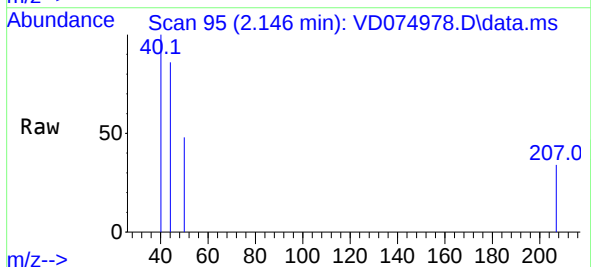
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

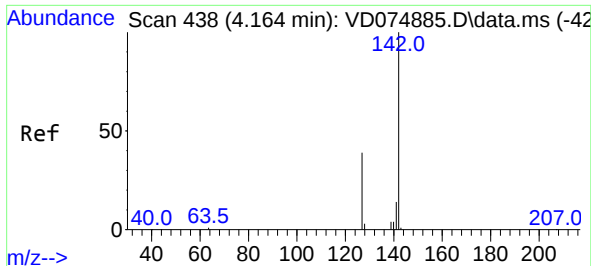
Tgt Ion:168 Resp: 133889
Ion Ratio Lower Upper
168 100
99 49.5 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

Tgt Ion: 50 Resp: 559
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

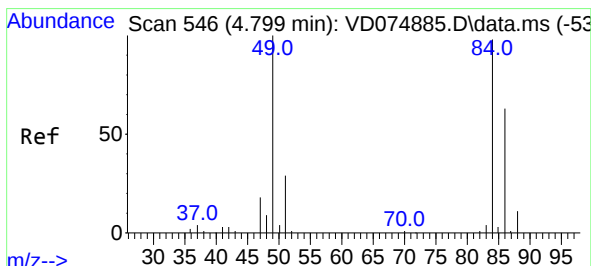
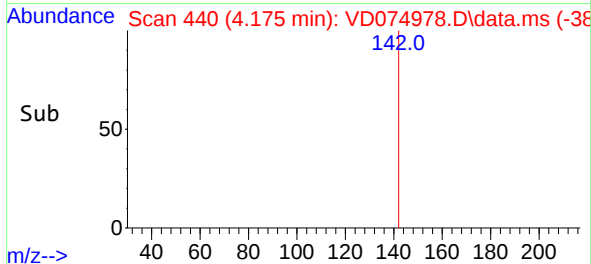
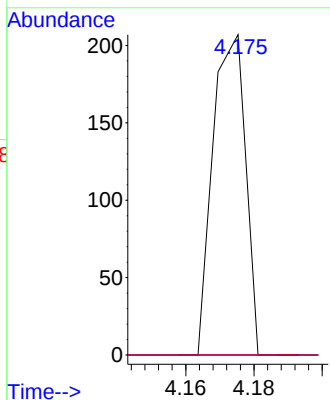
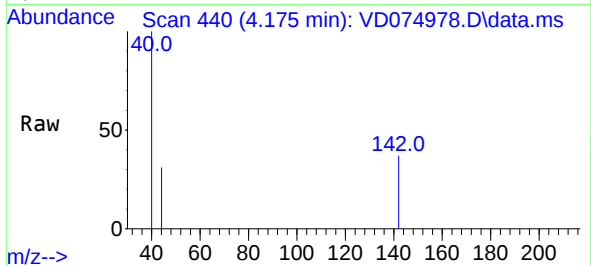




#10
Methyl Iodide
Concen: 4.846 ug/l
RT: 4.175 min Scan# 441
Delta R.T. 0.011 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

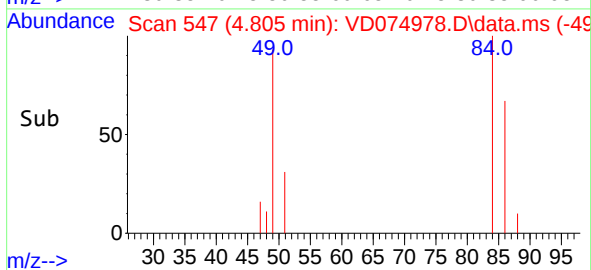
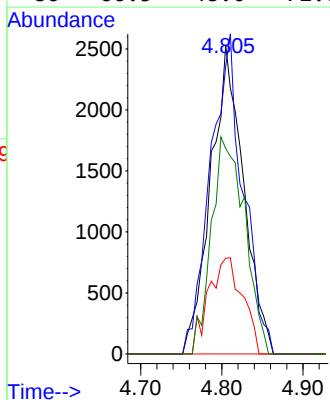
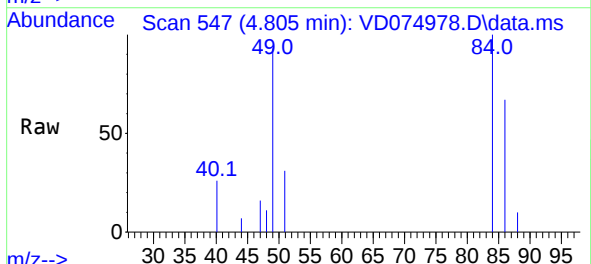
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

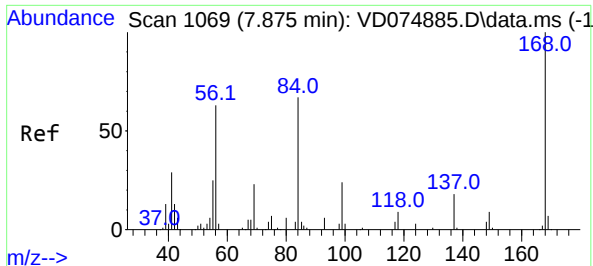
Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

Tgt Ion: 84 Resp: 7114
Ion Ratio Lower Upper
84 100
49 93.2 68.0 102.0
51 31.0 23.2 34.8
86 66.5 48.0 72.0





#31

Cyclohexane

Concen: 1.162 ug/l

RT: 7.881 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD074978.D

Acq: 17 Nov 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

250FB-BP-BACKFILL-03

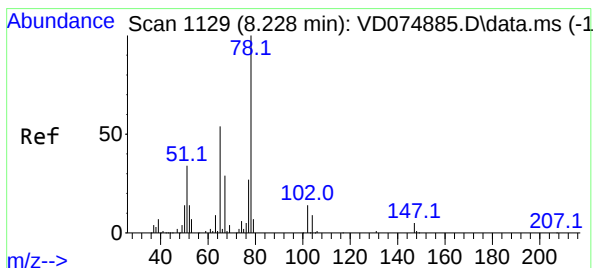
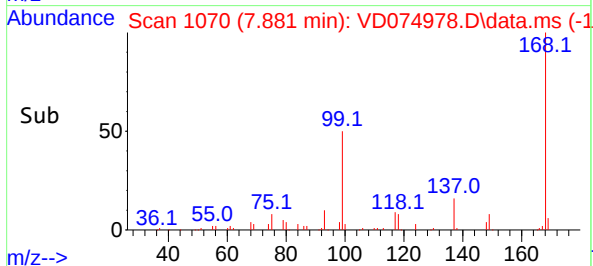
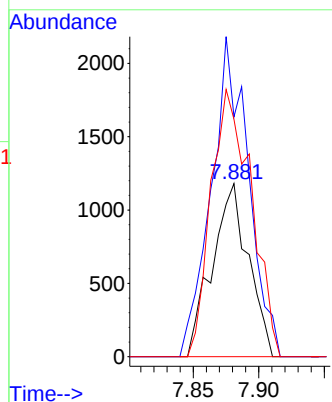
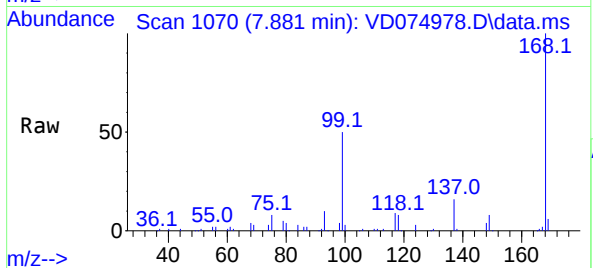
Tgt Ion: 56 Resp: 2269

Ion Ratio Lower Upper

56 100

69 138.5 29.2 43.8#

84 137.1 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 77.798 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074978.D

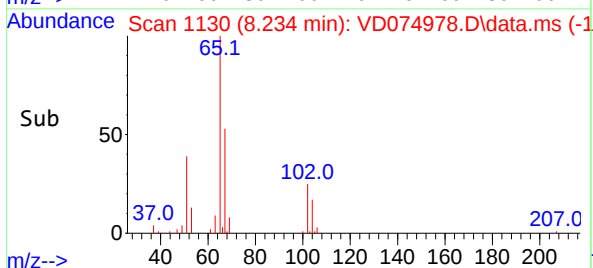
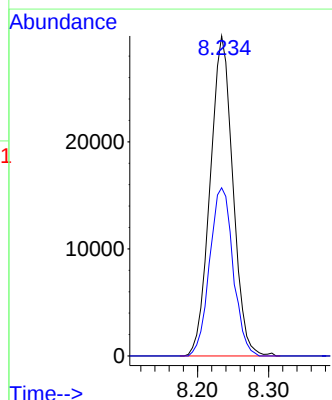
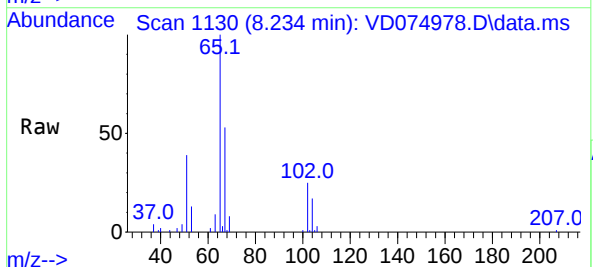
Acq: 17 Nov 2022 19:06

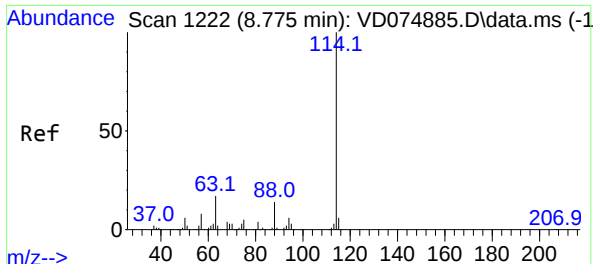
Tgt Ion: 65 Resp: 66282

Ion Ratio Lower Upper

65 100

67 54.2 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: VD074978.D

Acq: 17 Nov 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

250FB-BP-BACKFILL-03

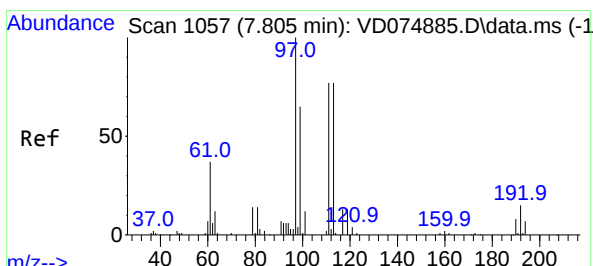
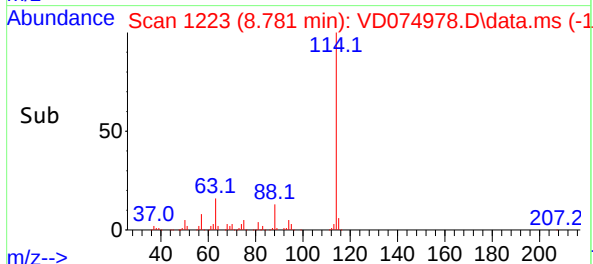
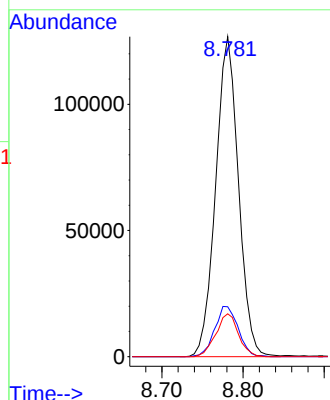
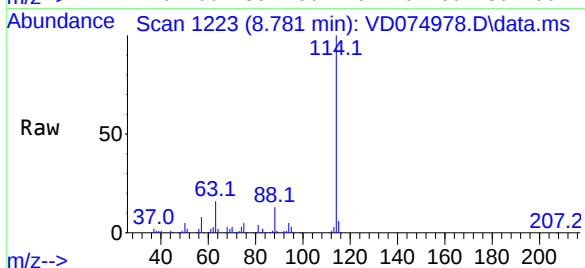
Tgt Ion:114 Resp: 247241

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.069 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074978.D

Acq: 17 Nov 2022 19:06

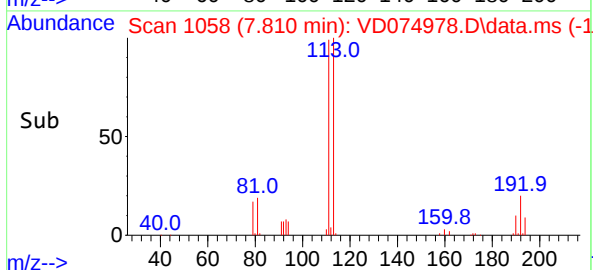
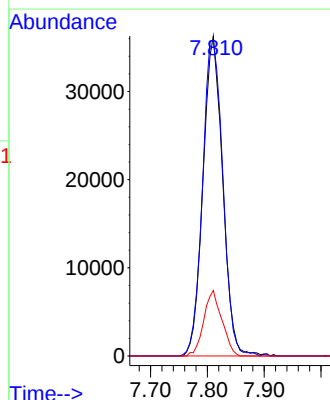
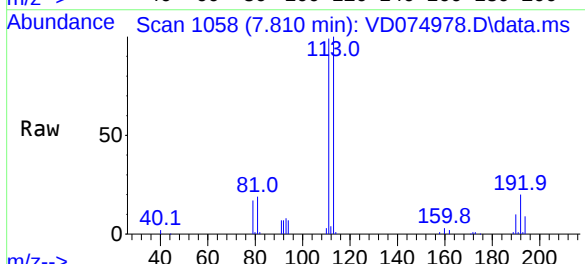
Tgt Ion:113 Resp: 86977

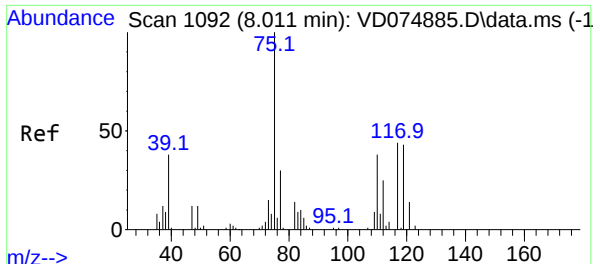
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 18.8 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD074978.D

Acq: 17 Nov 2022 19:06

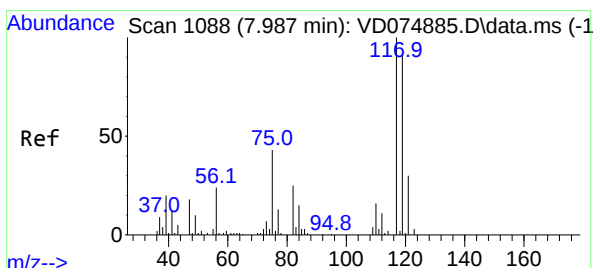
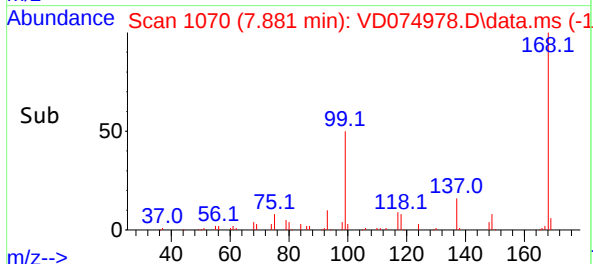
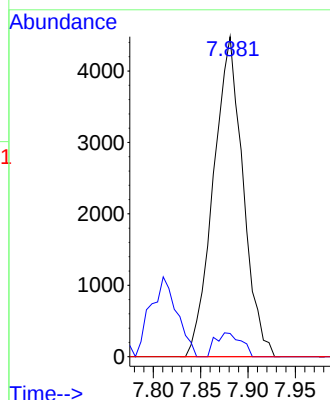
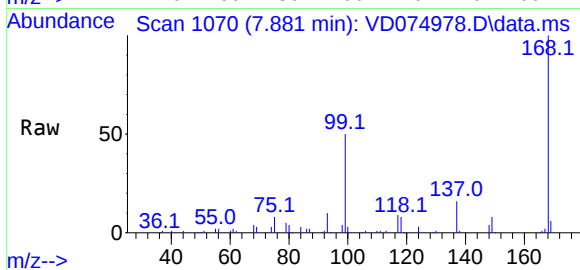
Instrument :

MSVOA_D

ClientSampleId :

250FB-BP-BACKFILL-03

Tgt Ion:	75	Resp:	9755
Ion	Ratio	Lower	Upper
75	100		
110	6.5	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 5.787 ug/l

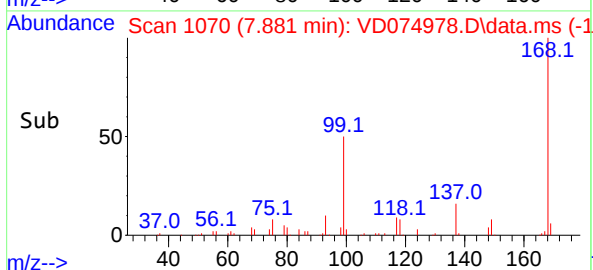
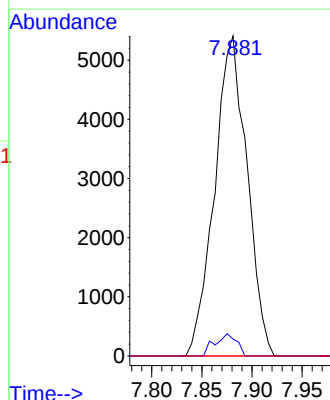
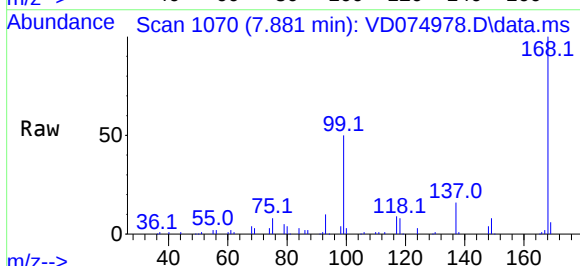
RT: 7.881 min Scan# 1070

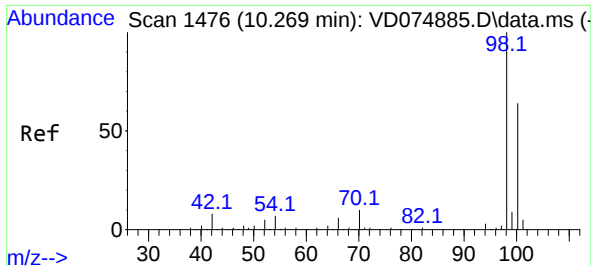
Delta R.T. -0.106 min

Lab File: VD074978.D

Acq: 17 Nov 2022 19:06

Tgt Ion:	117	Resp:	12202
Ion	Ratio	Lower	Upper
117	100		
119	5.3	73.1	109.7#
121	0.0	25.0	37.6#

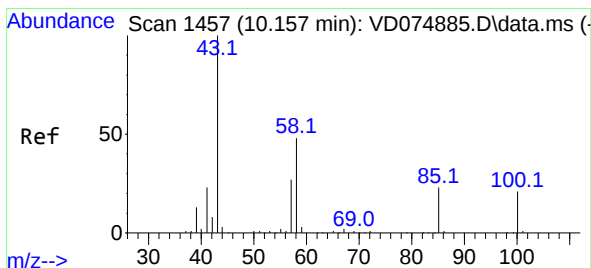
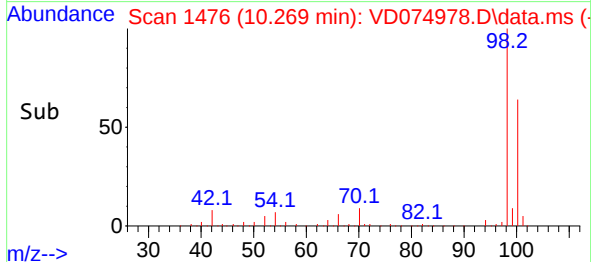
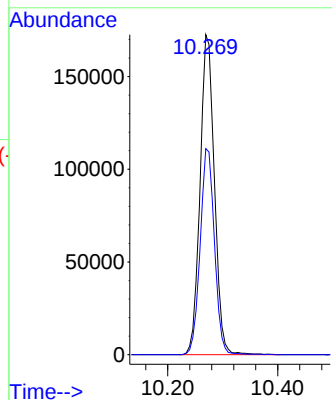
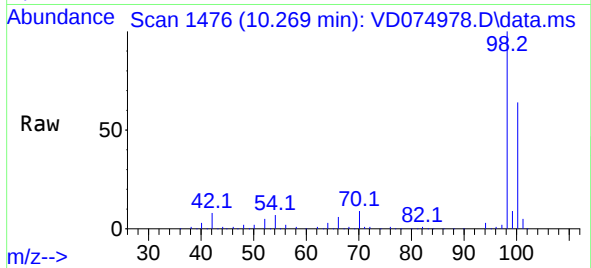




#50
Toluene-d8
Concen: 62.343 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

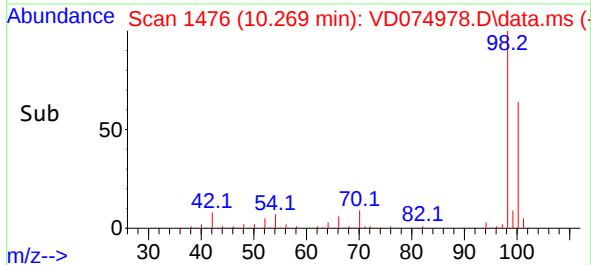
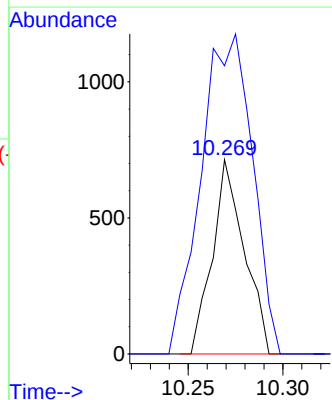
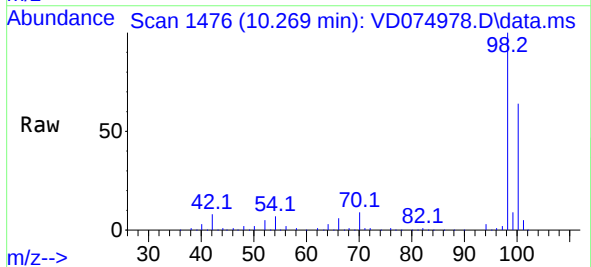
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

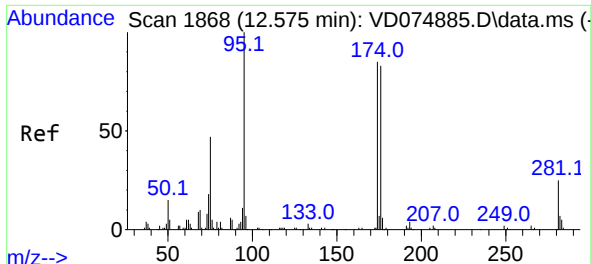
Tgt Ion: 98 Resp: 312985
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.322 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

Tgt Ion: 43 Resp: 834
Ion Ratio Lower Upper
43 100
58 265.7 37.8 56.6#

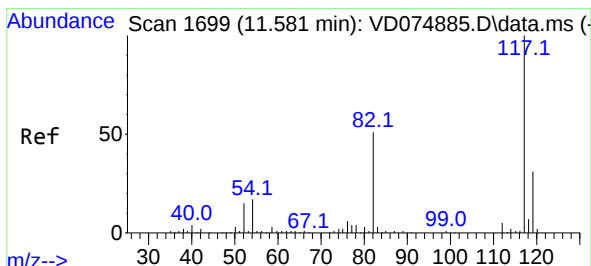
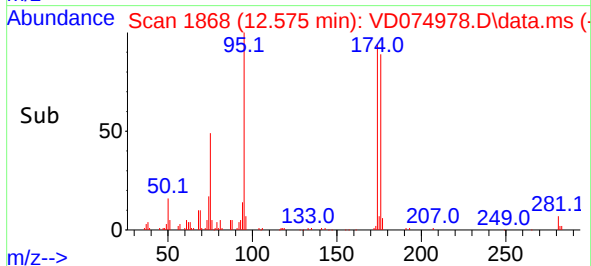
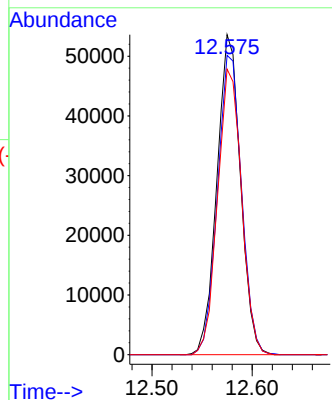
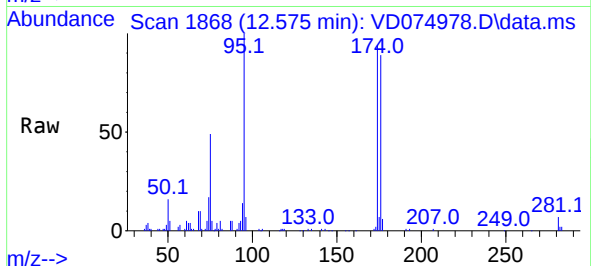




#62
4-Bromofluorobenzene
Concen: 56.648 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

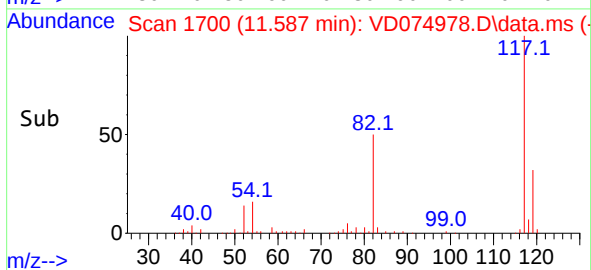
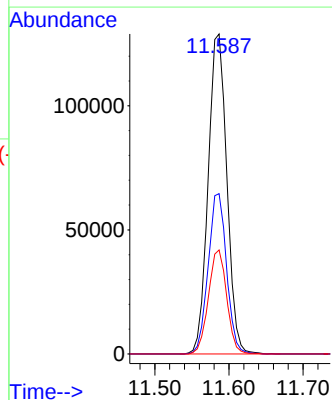
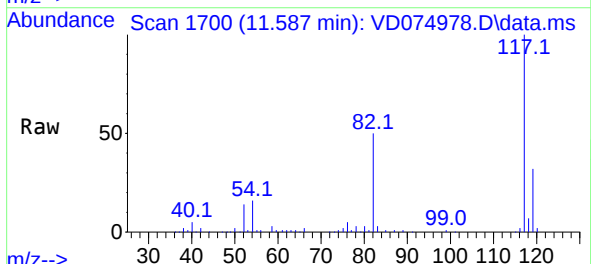
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

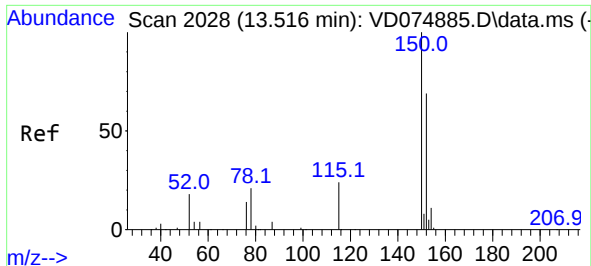
Tgt Ion:	95	Resp:	87327
Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	197.0
176	90.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

Tgt Ion:	117	Resp:	225933
Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.6	62.4
119	32.5	25.2	37.8

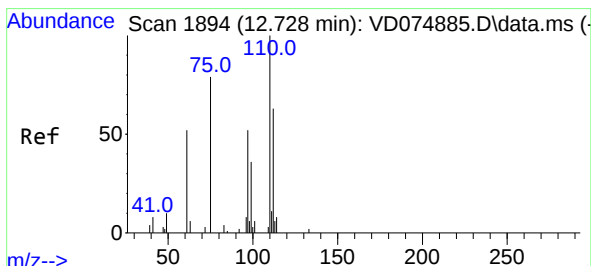
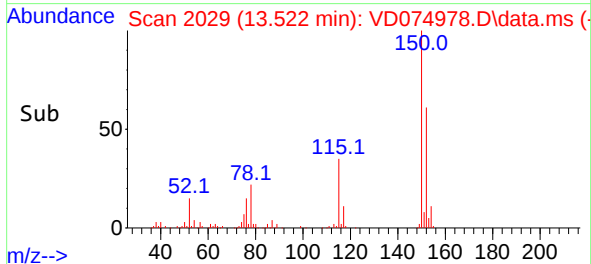
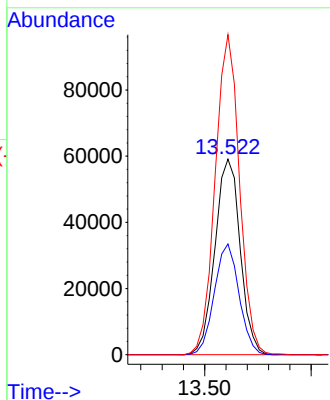
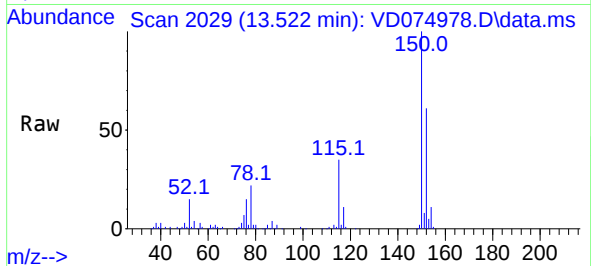




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

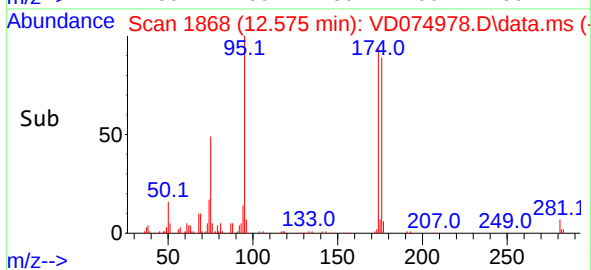
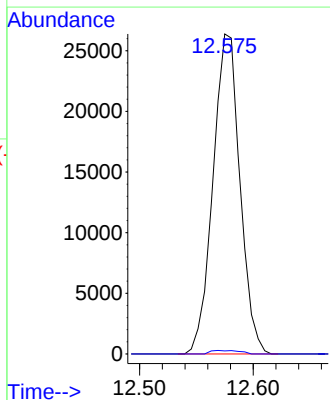
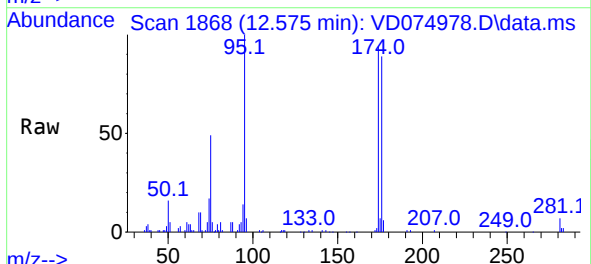
Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03

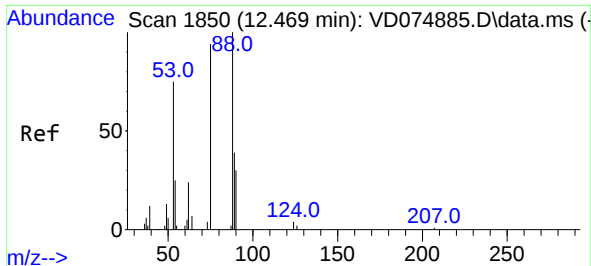
Tgt Ion:152 Resp: 97070
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.580 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

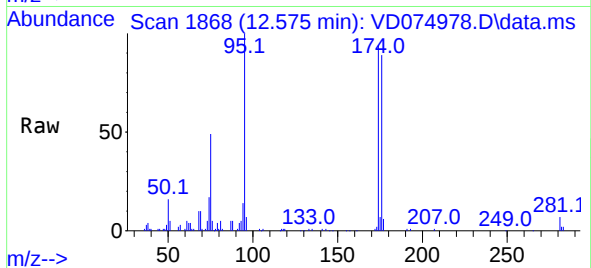
Tgt Ion: 75 Resp: 43501
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.807 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074978.D
Acq: 17 Nov 2022 19:06

Instrument :
MSVOA_D
ClientSampleId :
250FB-BP-BACKFILL-03



Tgt Ion: 75 Resp: 43501
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

