

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076894.D
 Acq On : 01 Aug 2023 18:05
 Operator : KP/SY
 Sample : 03854-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Quant Time: Aug 02 01:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

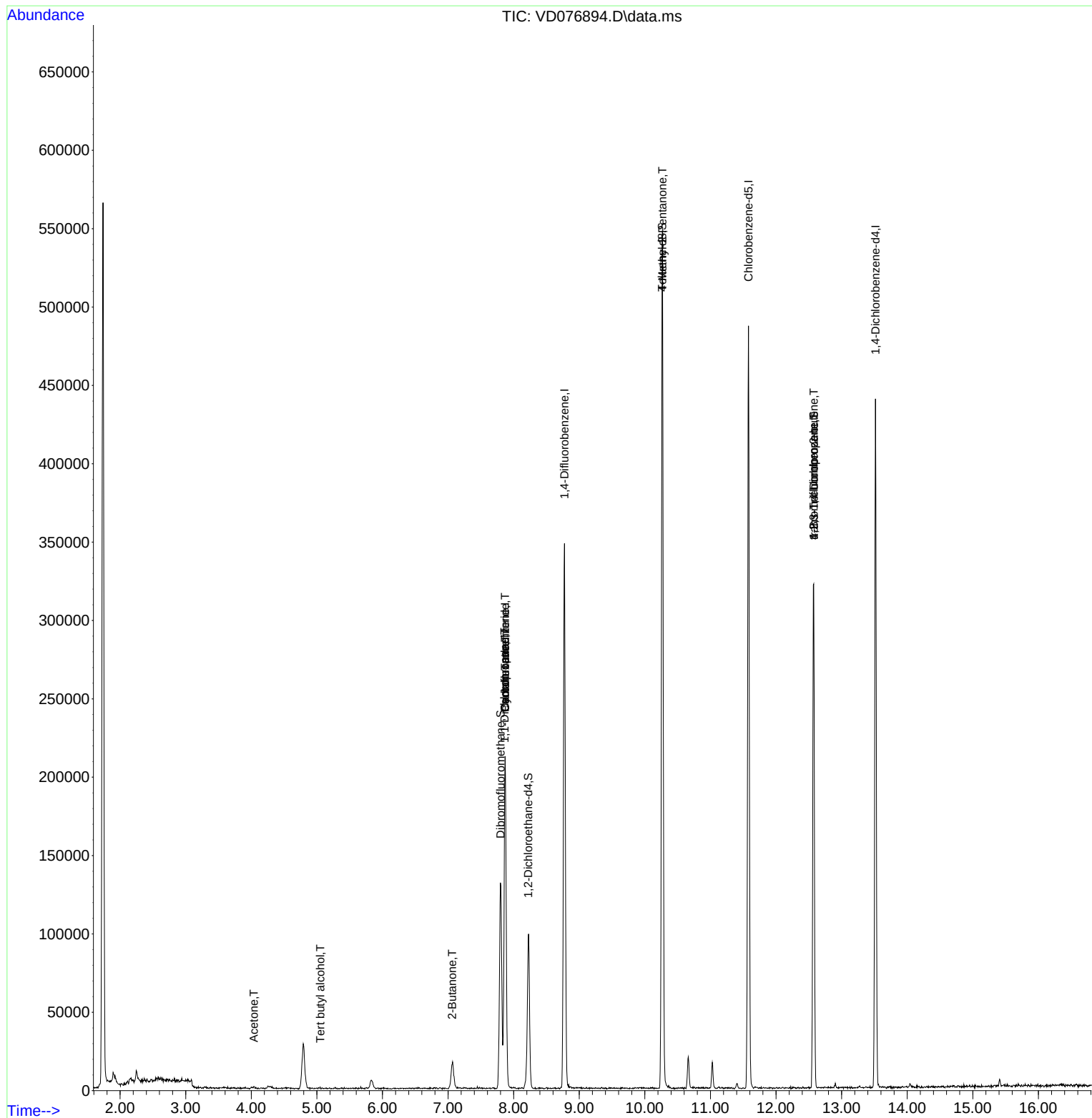
Internal Standards						
1) Pentafluorobenzene	7.869	168	162721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	75244	46.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.860%		
35) Dibromofluoromethane	7.799	113	98083	49.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.960%		
50) Toluene-d8	10.263	98	384594	54.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	109.580%		
62) 4-Bromofluorobenzene	12.575	95	102568	45.165	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.320%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.052	59	192	1.588	ug/l #	73
16) Acetone	4.040	43	865	2.235	ug/l #	66
20) Methylene Chloride	4.793	84	22296	Below Cal		93
25) 2-Butanone	7.063	43	793	1.531	ug/l #	37
31) Cyclohexane	7.869	56	3738	1.567	ug/l #	41
36) 1,1-Dichloropropene	7.863	75	13208	5.151	ug/l #	48
38) Carbon Tetrachloride	7.869	117	15940	6.492	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1691	1.419	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	54369	50.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54369	108.229	ug/l #	17

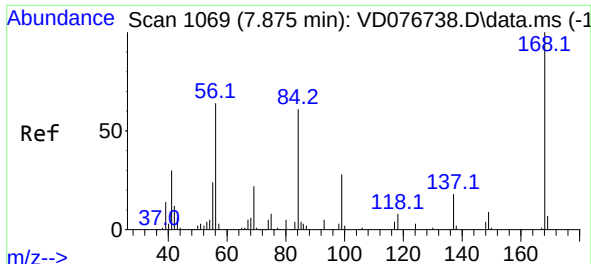
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

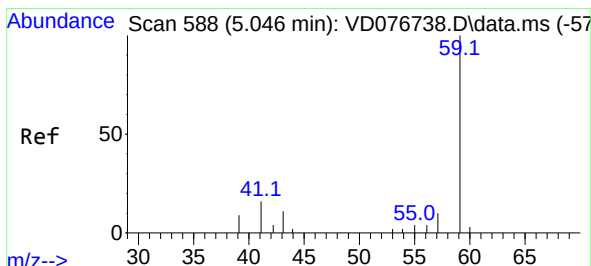
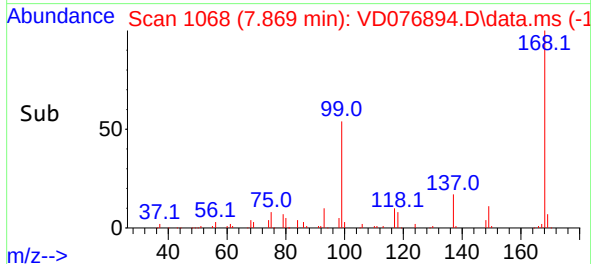
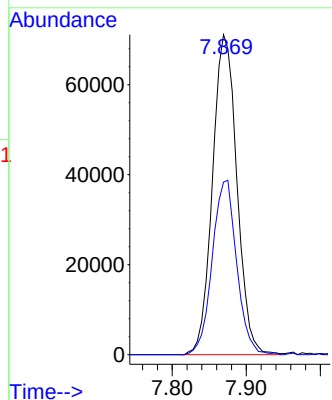
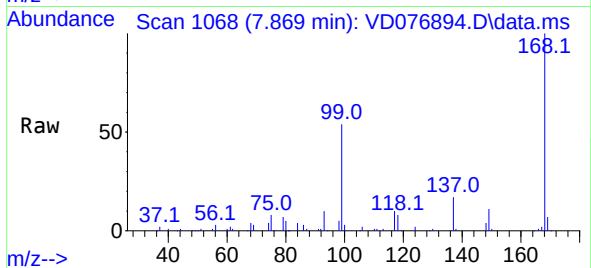




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

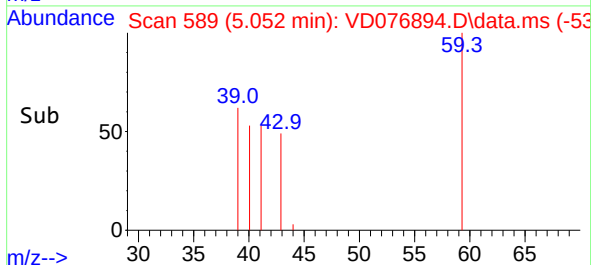
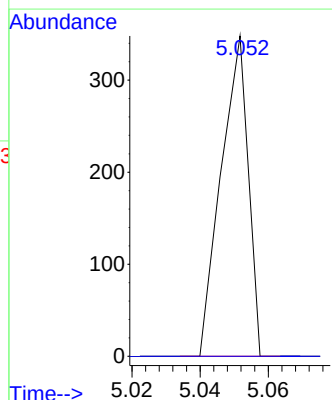
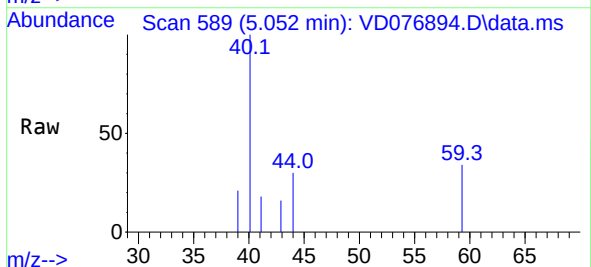
Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP

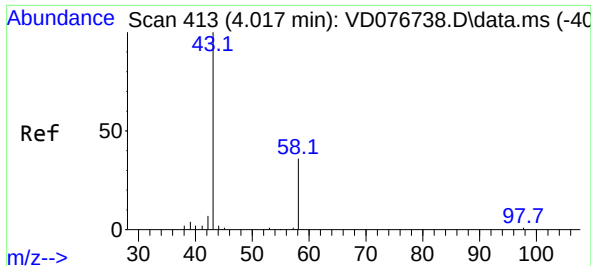
Tgt Ion:168 Resp: 162721
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.588 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

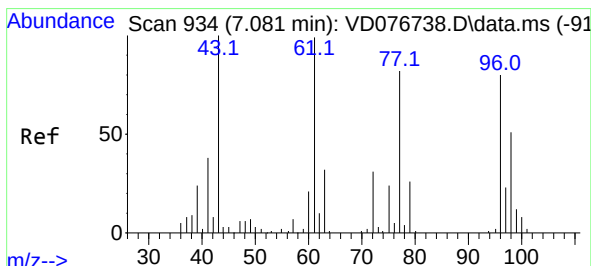
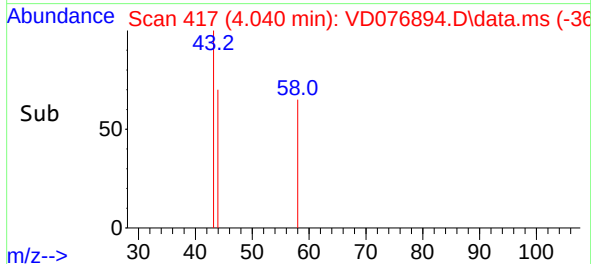
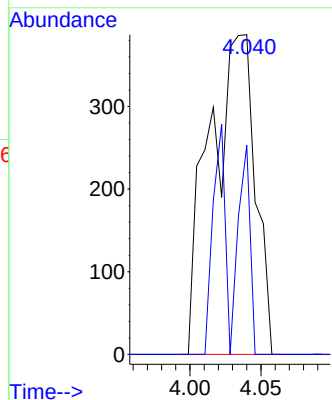
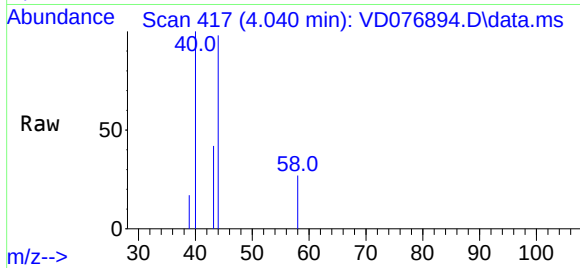




#16
Acetone
Concen: 2.235 ug/l
RT: 4.040 min Scan# 413
Delta R.T. 0.023 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

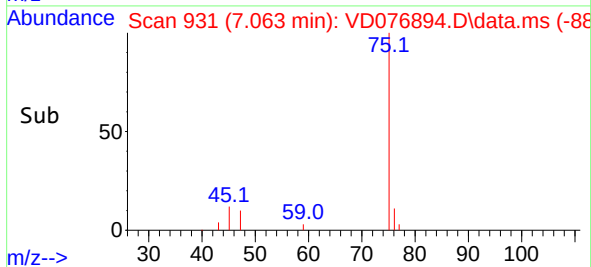
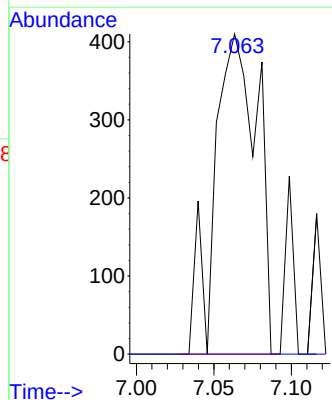
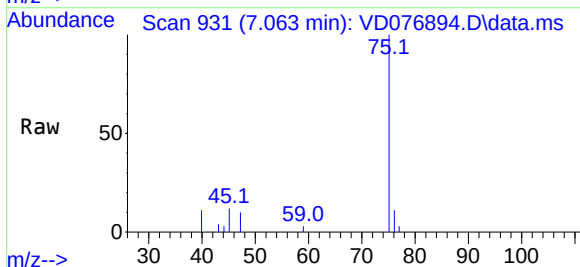
Instrument :
MSVOA_D
ClientSampleId :
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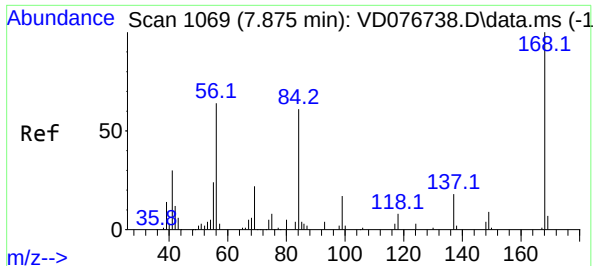
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 65.4 34.7 52.1#



#25
2-Butanone
Concen: 1.531 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

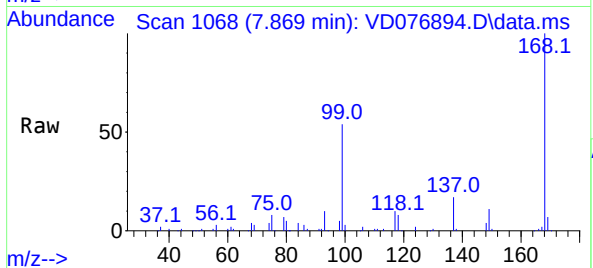
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



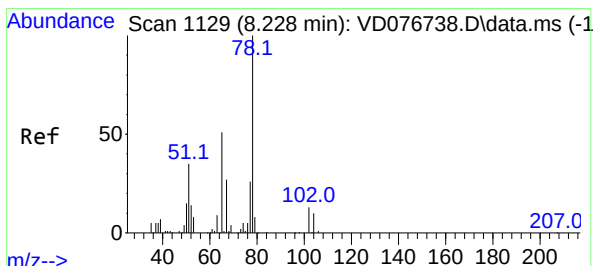
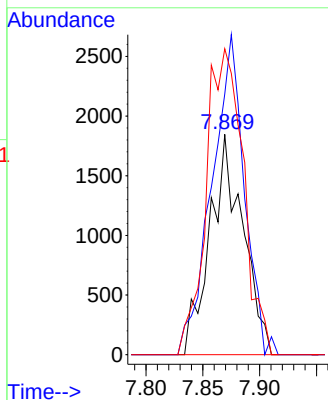
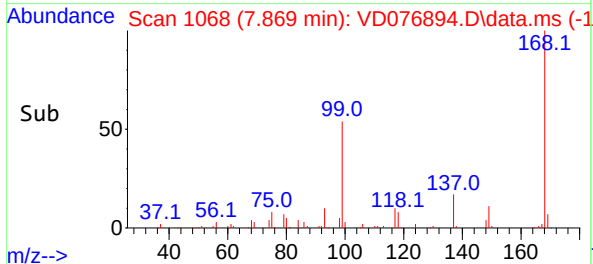


#31
Cyclohexane
Concen: 1.567 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

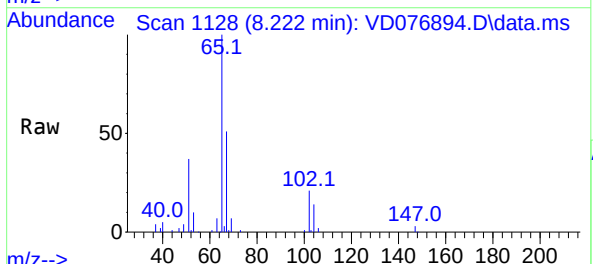
Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP



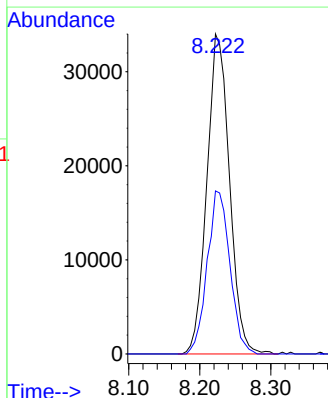
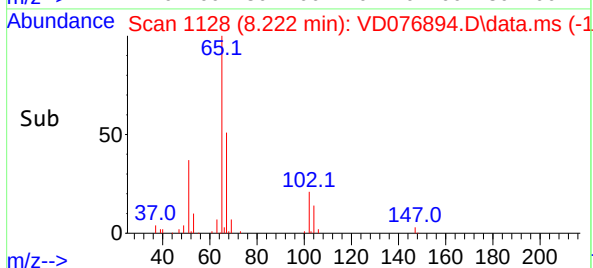
Tgt Ion: 56 Resp: 3738
Ion Ratio Lower Upper
56 100
69 118.3 28.6 43.0#
84 138.8 84.8 127.2#

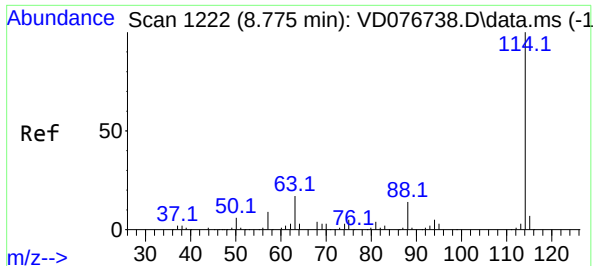


#33
1,2-Dichloroethane-d4
Concen: 46.425 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05



Tgt Ion: 65 Resp: 75244
Ion Ratio Lower Upper
65 100
67 51.1 0.0 115.0

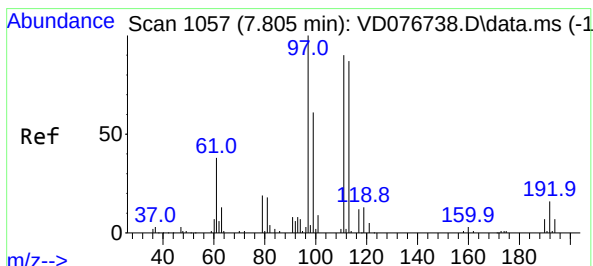
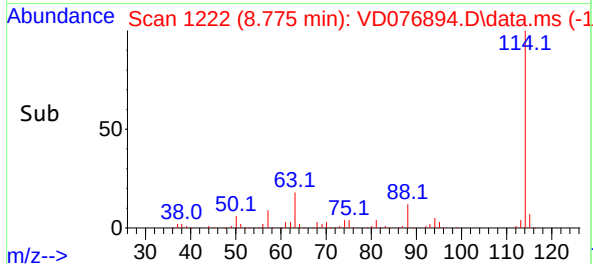
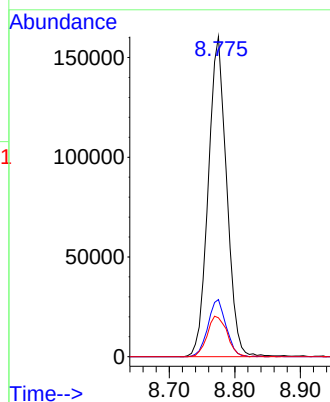
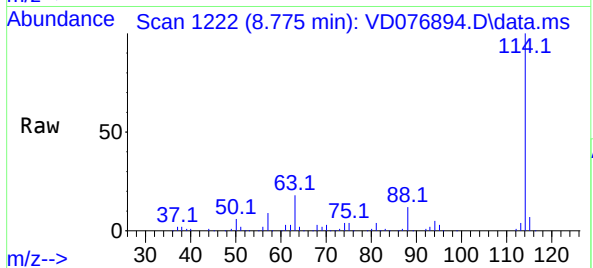




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

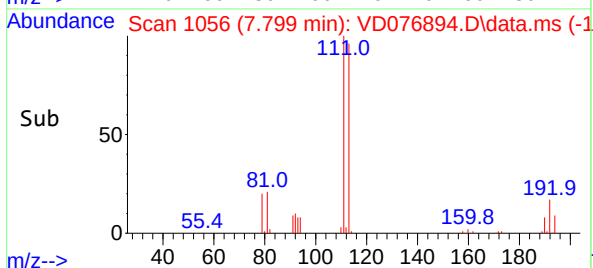
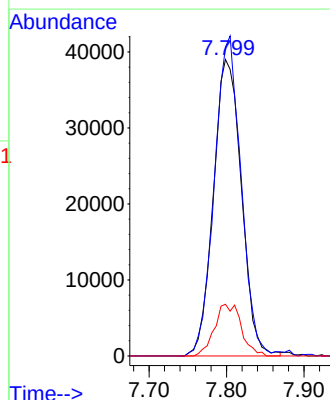
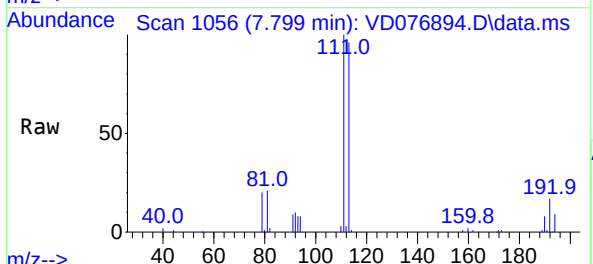
Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP

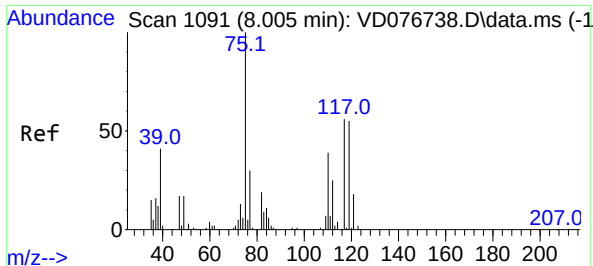
Tgt Ion:114 Resp: 312272
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 12.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.983 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion:113 Resp: 98083
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 16.7 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 5.151 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VD076894.D

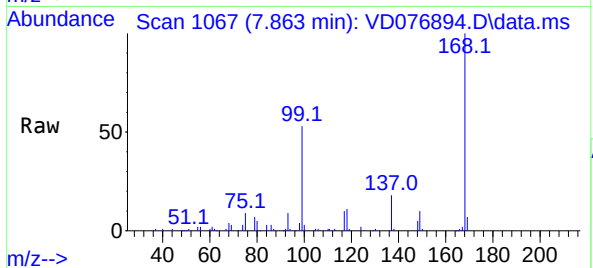
Acq: 01 Aug 2023 18:05

Instrument :

MSVOA_D

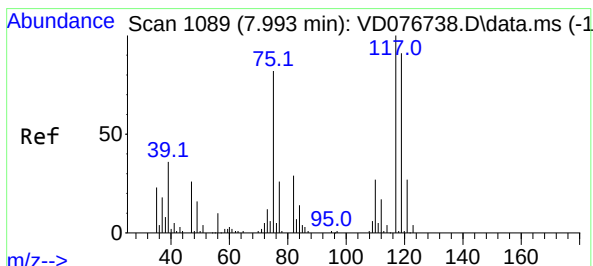
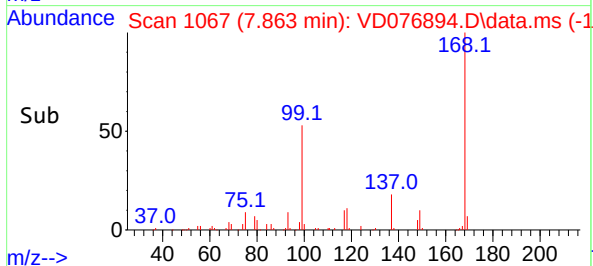
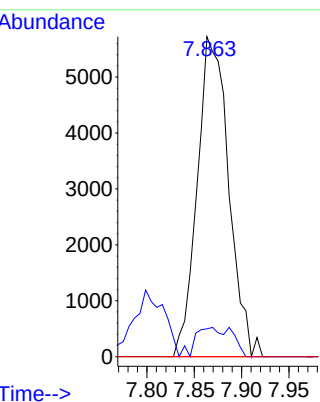
ClientSampleId :

BERGENFIELD-SOIL-COMP



Tgt Ion: 75 Resp: 13208

Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.492 ug/l

RT: 7.869 min Scan# 1068

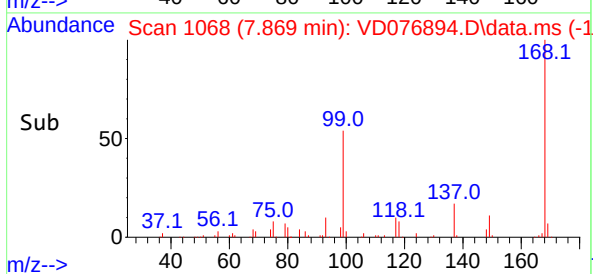
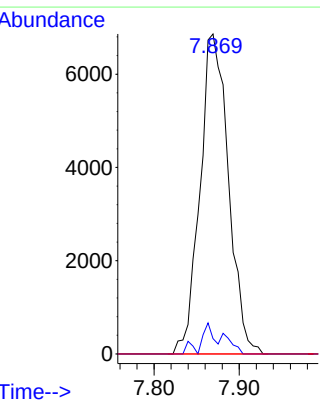
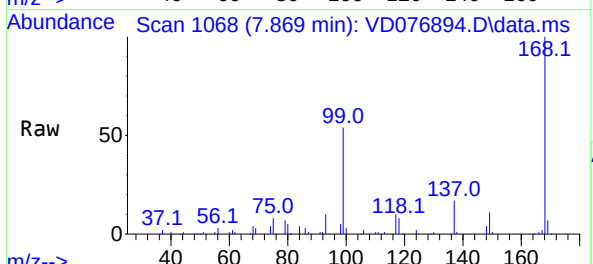
Delta R.T. -0.124 min

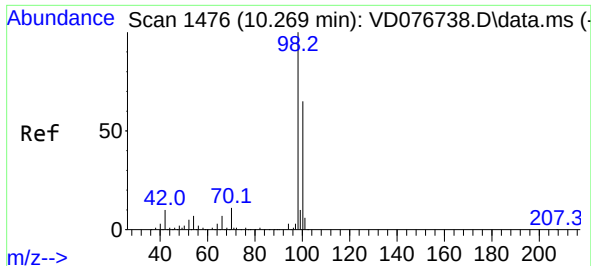
Lab File: VD076894.D

Acq: 01 Aug 2023 18:05

Tgt Ion: 117 Resp: 15940

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.0	117.0#
121	0.0	24.2	36.2#

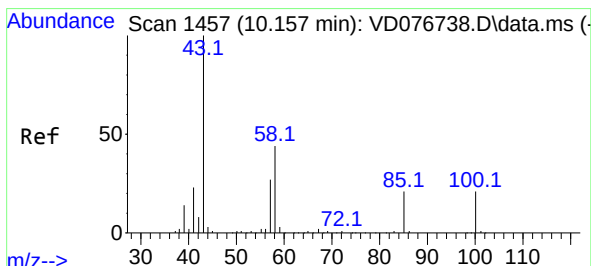
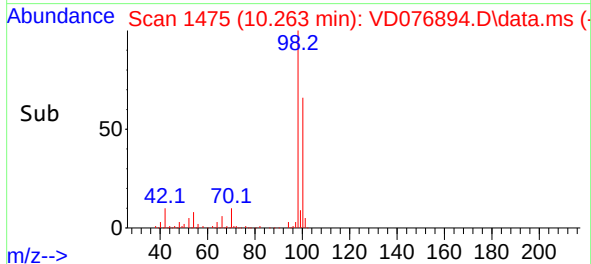
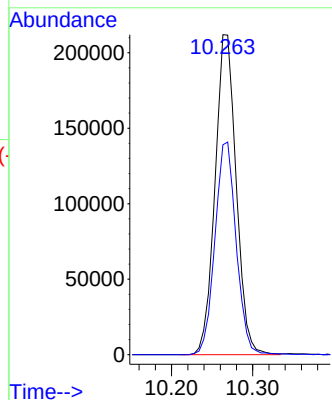
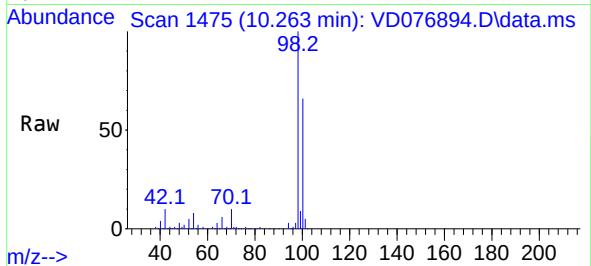




#50
Toluene-d8
Concen: 54.785 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

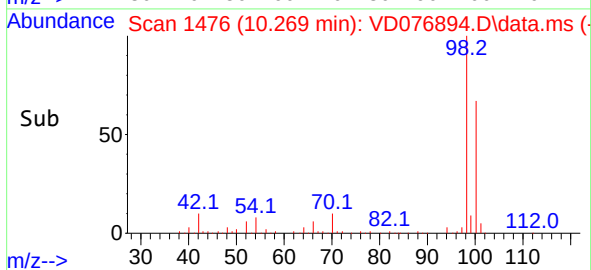
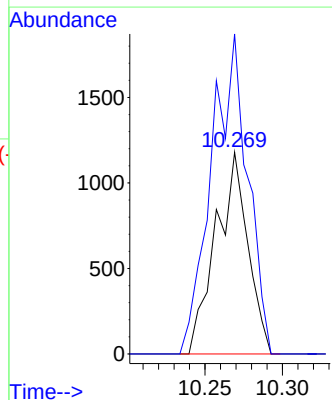
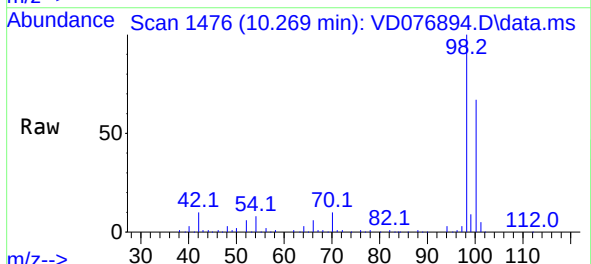
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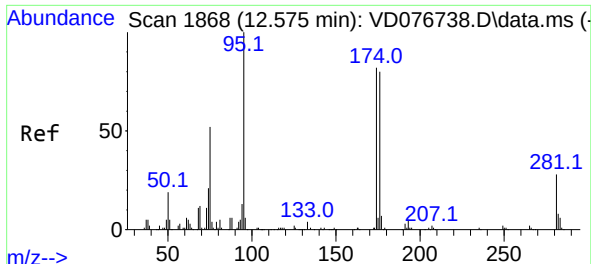
Tgt Ion: 98 Resp: 384594
Ion Ratio Lower Upper
98 100
100 66.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.419 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 179.4 38.9 58.3#

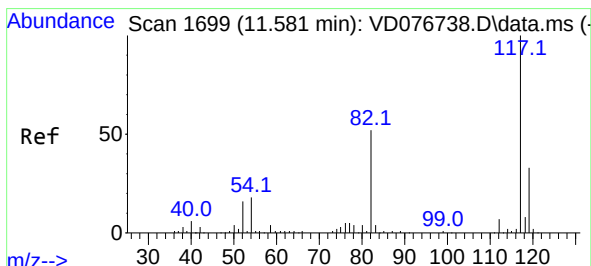
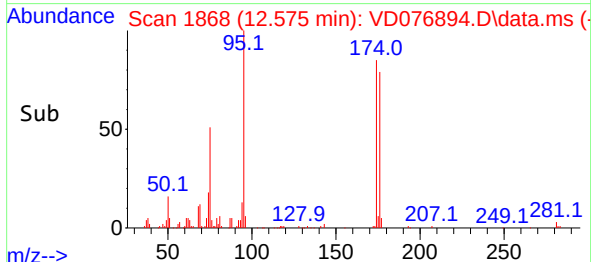
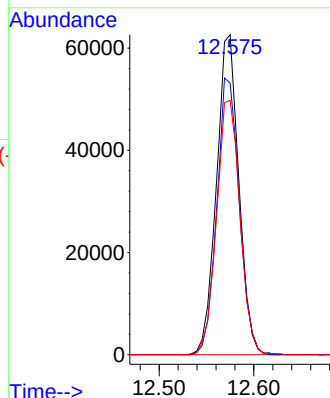
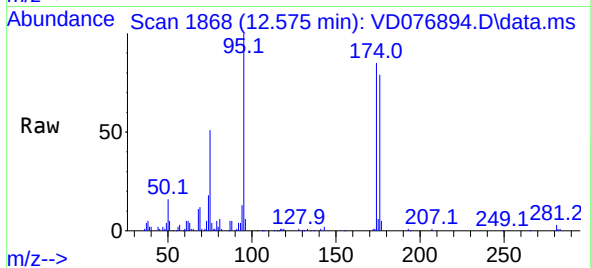




#62
4-Bromofluorobenzene
Concen: 45.165 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

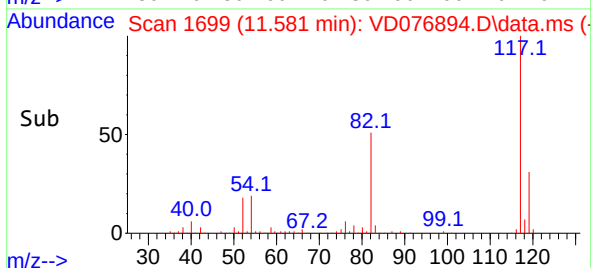
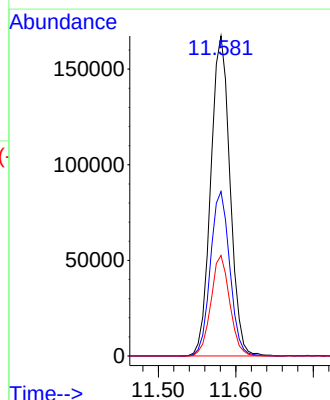
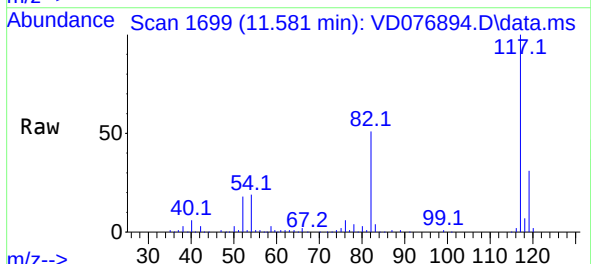
Instrument :
MSVOA_D
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BERGENFIELD-SOIL-COMP

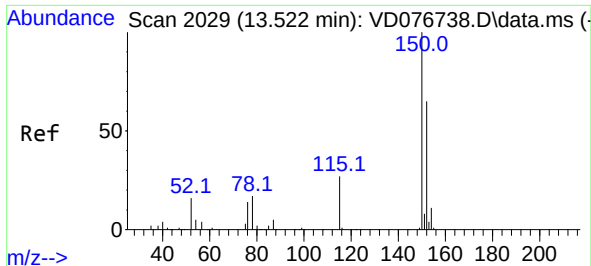
Tgt Ion: 95 Resp: 102568
Ion Ratio Lower Upper
95 100
174 87.1 0.0 201.8
176 83.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 117 Resp: 289059
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 31.4 25.0 37.4

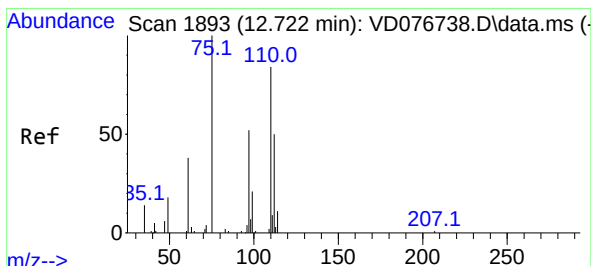
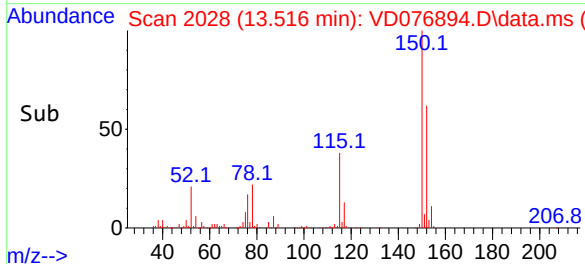
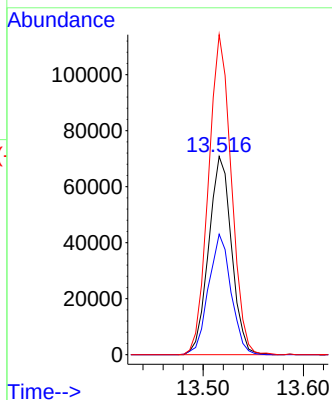
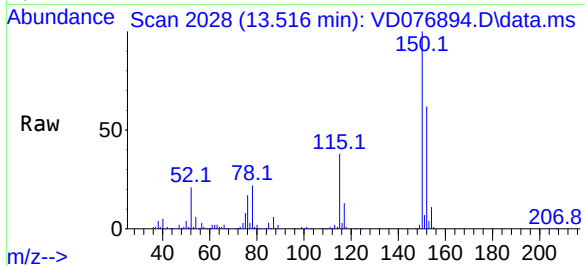




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

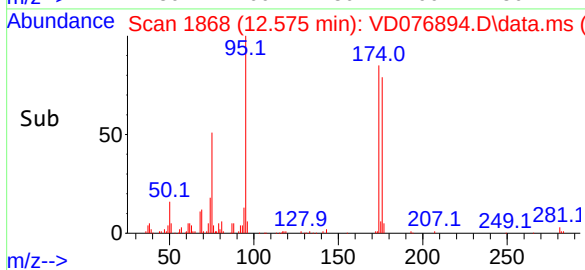
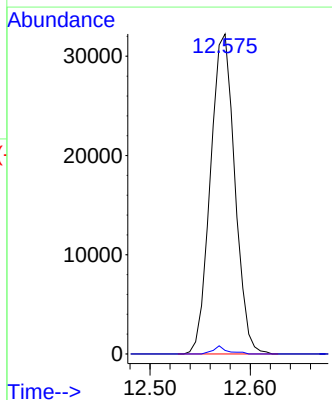
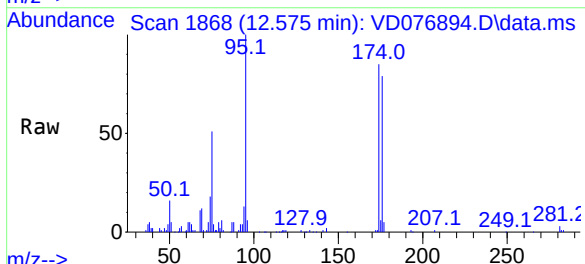
Instrument :
MSVOA_D
ClientSampleId :
BERGENFIELD-SOIL-COMP

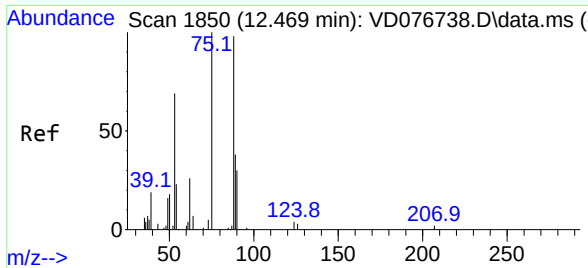
Tgt Ion:152 Resp: 112423
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 161.1 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.854 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076894.D
Acq: 01 Aug 2023 18:05

Tgt Ion: 75 Resp: 54369
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.229 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076894.D
 Acq: 01 Aug 2023 18:05

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

Tgt Ion:	75	Resp:	54369
Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	37.9	56.9#

