

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074721.D
 Acq On : 03 Nov 2022 17:55
 Operator : VA/SY
 Sample : N5430-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP-1102

Quant Time: Nov 04 00:03:34 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)

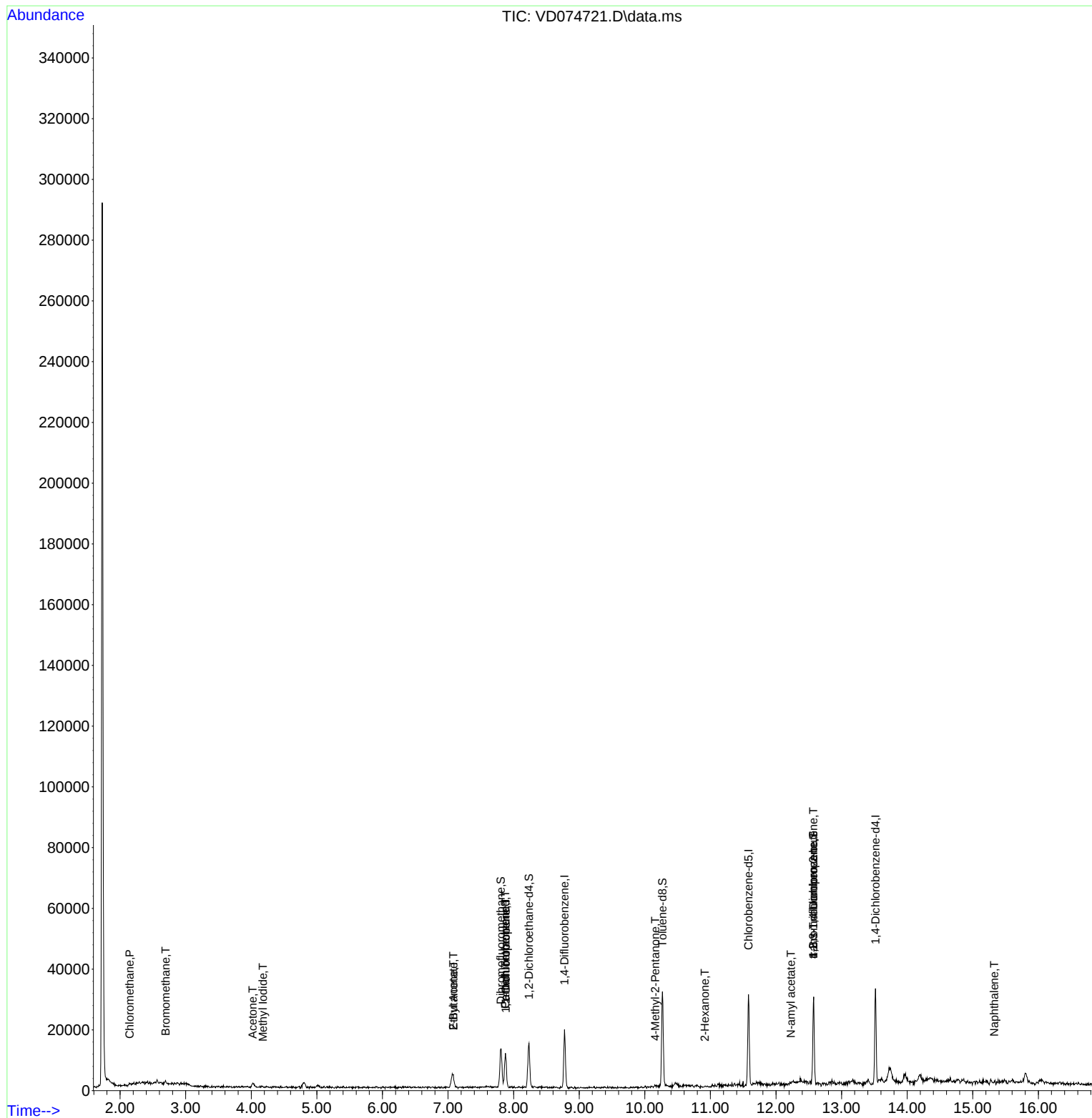
Internal Standards						
1) Pentafluorobenzene	7.875	168	9744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	18669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11237	145.605	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 291.220%#			
35) Dibromofluoromethane	7.805	113	9767	88.441	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.880%#			
50) Toluene-d8	10.269	98	23036	57.185	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.360%			
62) 4-Bromofluorobenzene	12.569	95	8973	77.147	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 154.300%#			
Target Compounds						Qvalue
3) Chloromethane	2.146	50	407	3.187	ug/l #	37
5) Bromomethane	2.693	94	507	4.778	ug/l #	70
10) Methyl Iodide	4.175	142	193	6.836	ug/l #	43
11) Tert butyl alcohol	5.005	59	78	Below Cal	#	84
16) Acetone	4.022	43	2094	130.022	ug/l	98
20) Methylene Chloride	4.793	84	1504	Below Cal	#	81
25) 2-Butanone	7.081	43	428	19.328	ug/l #	42
36) 1,1-Dichloropropene	7.881	75	602	3.591	ug/l #	39
37) Ethyl Acetate	7.081	43	428	7.654	ug/l #	83
38) Carbon Tetrachloride	7.875	117	878	5.529	ug/l #	14
51) 4-Methyl-2-Pentanone	10.157	43	308	6.104	ug/l #	29
59) 2-Hexanone	10.916	43	81	2.334	ug/l #	18
74) N-amyl acetate	12.228	43	422	3.814	ug/l #	47
76) 1,2,3-Trichloropropane	12.569	75	4102	56.745	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	4102	134.699	ug/l #	17
95) Naphthalene	15.328	128	487	1.482	ug/l #	69

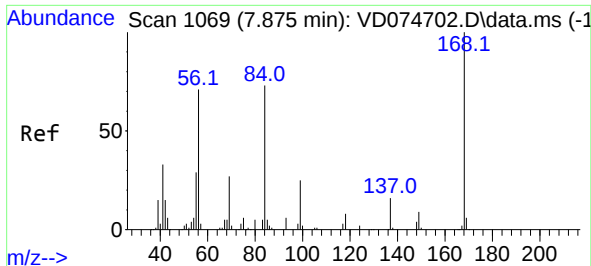
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
Data File : VD074721.D
Acq On : 03 Nov 2022 17:55
Operator : VA/SY
Sample : N5430-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

Quant Time: Nov 04 00:03:34 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

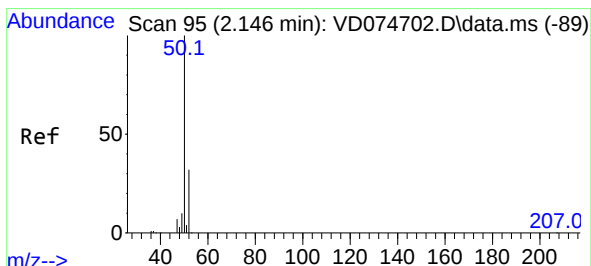
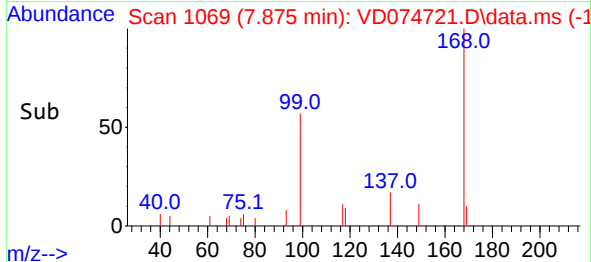
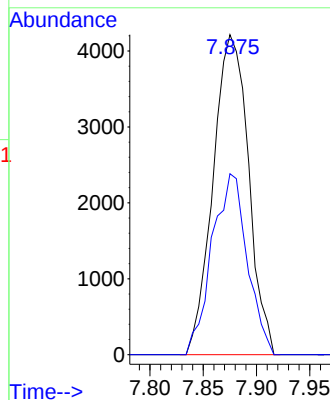
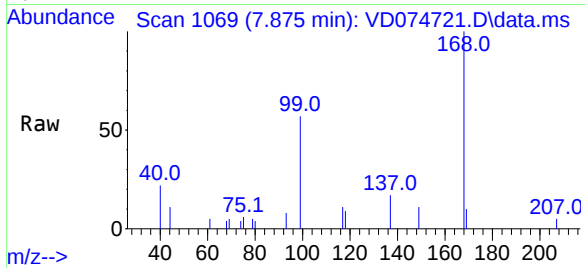




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

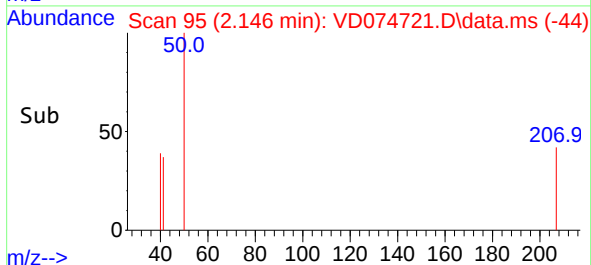
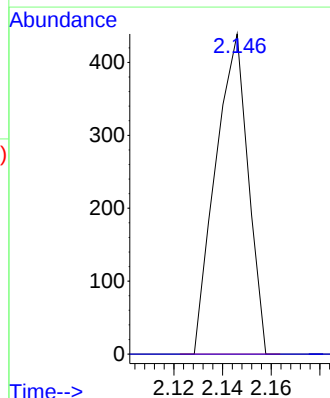
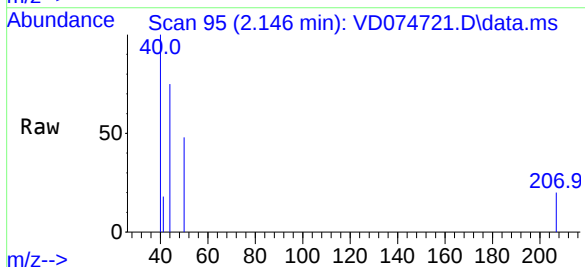
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

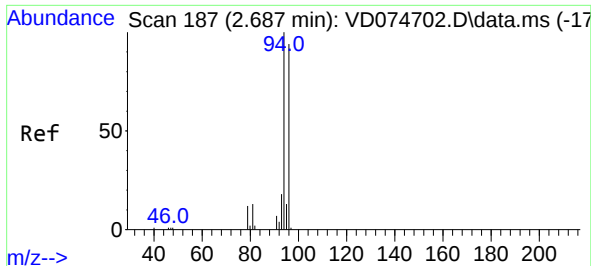
Tgt Ion:168 Resp: 9744
Ion Ratio Lower Upper
168 100
99 56.5 40.9 61.3



#3
Chloromethane
Concen: 3.187 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 50 Resp: 407
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

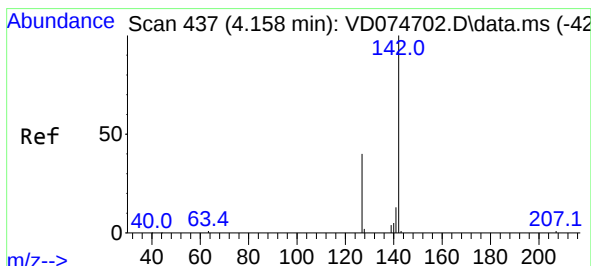
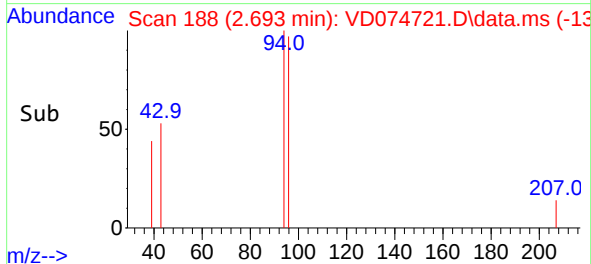
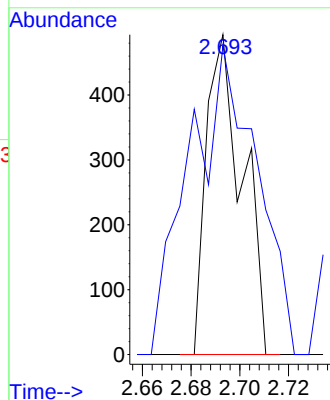
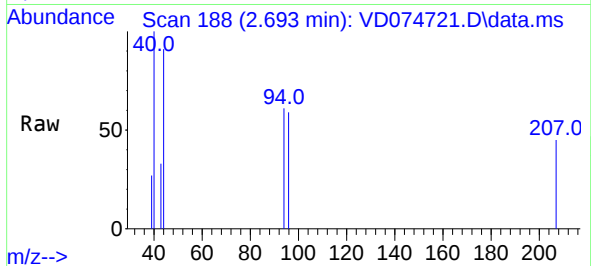




#5
Bromomethane
Concen: 4.778 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

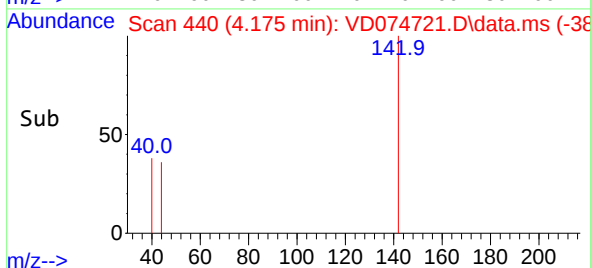
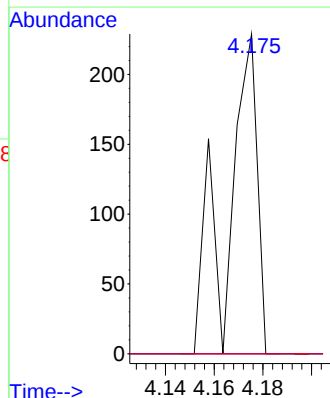
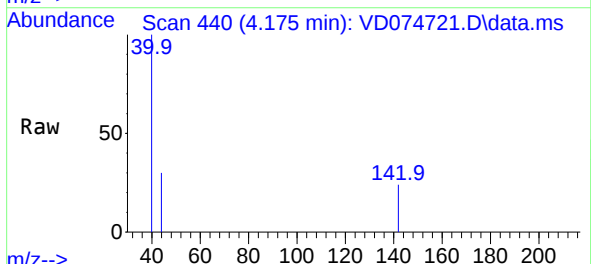
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

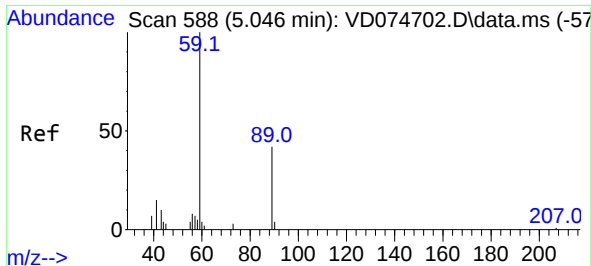
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 64.3 74.6 112.0#



#10
Methyl Iodide
Concen: 6.836 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 142 Resp: 193
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: 5.005 min Scan# 51

Delta R.T. -0.041 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

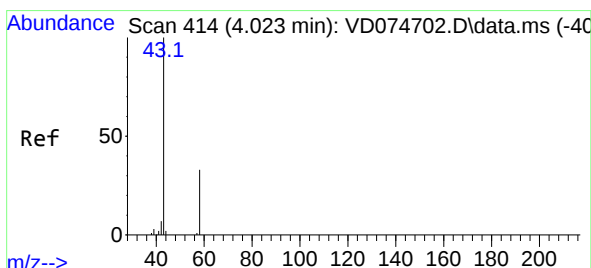
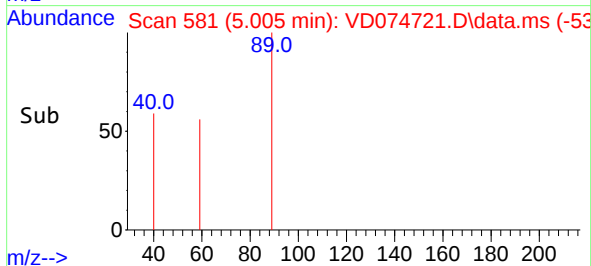
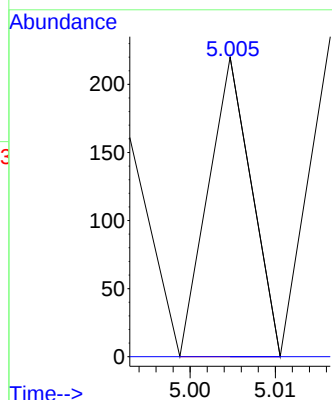
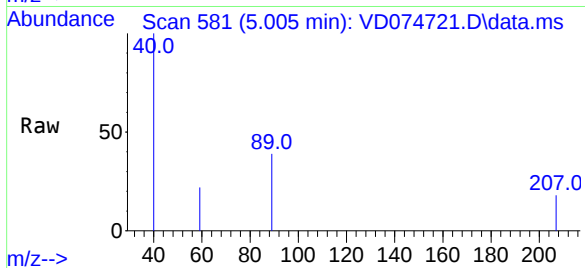
SOIL-COMP-1102

Tgt Ion: 59 Resp: 78

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 130.022 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074721.D

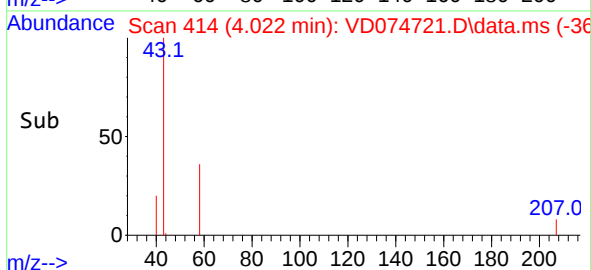
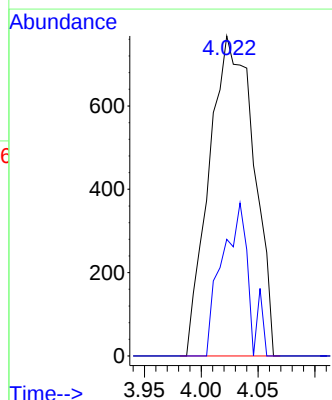
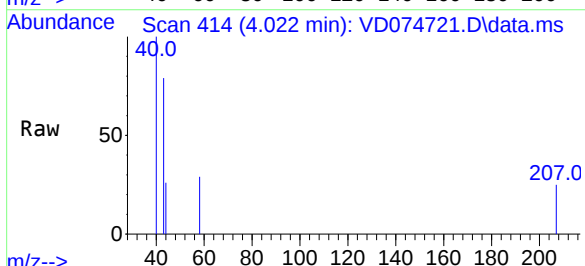
Acq: 03 Nov 2022 17:55

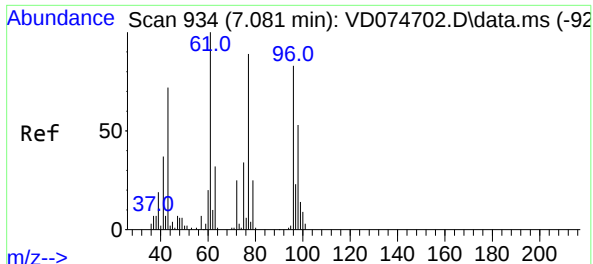
Tgt Ion: 43 Resp: 2094

Ion Ratio Lower Upper

43 100

58 36.5 30.2 45.2

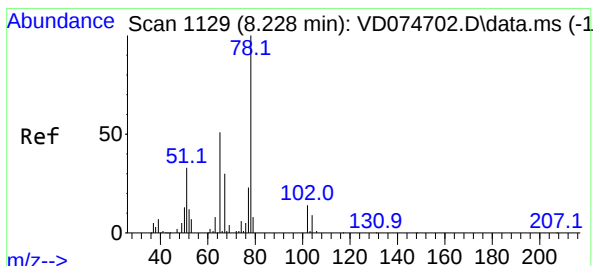
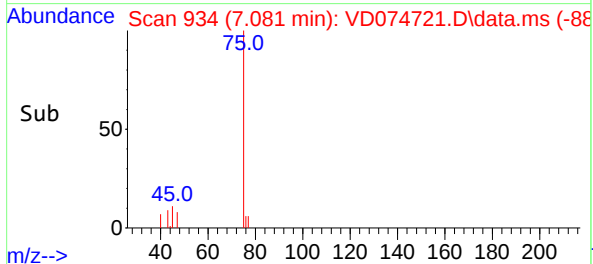
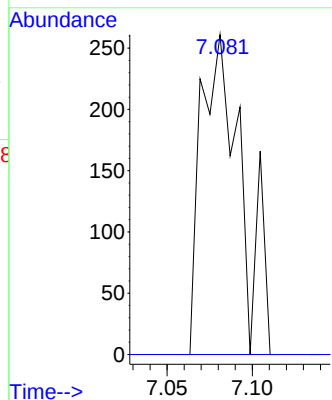
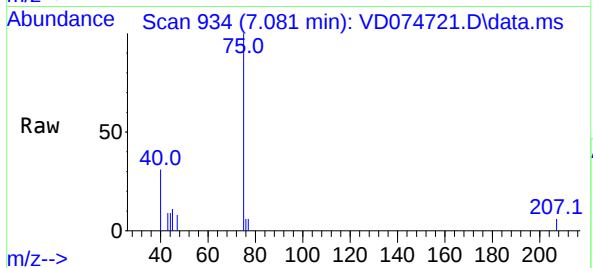




#25
2-Butanone
Concen: 19.328 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

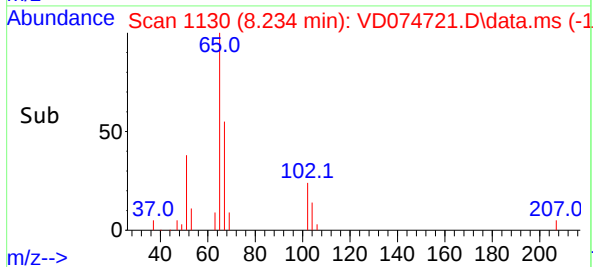
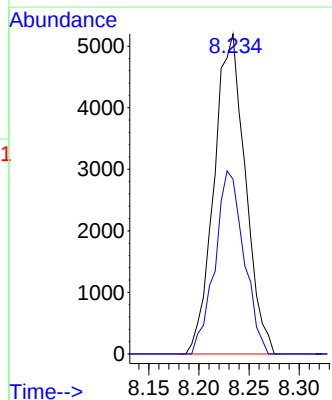
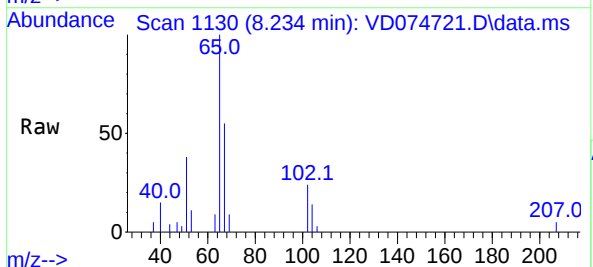
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

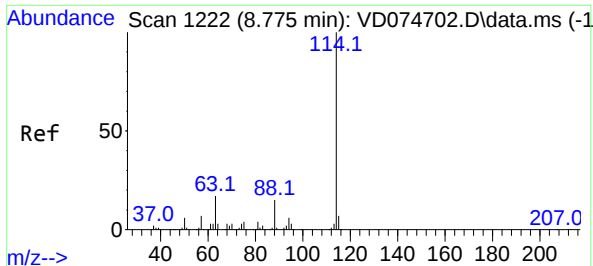
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 145.605 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 65 Resp: 11237
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP-1102

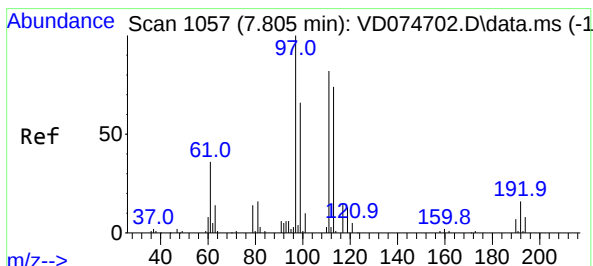
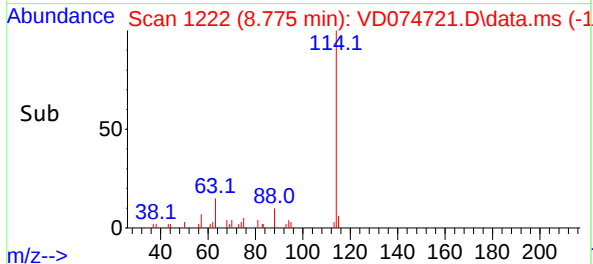
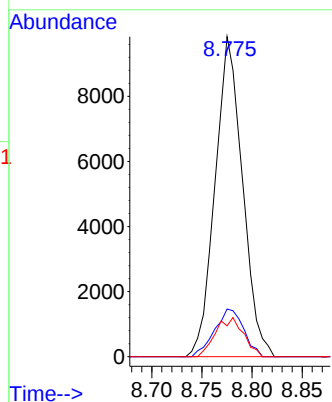
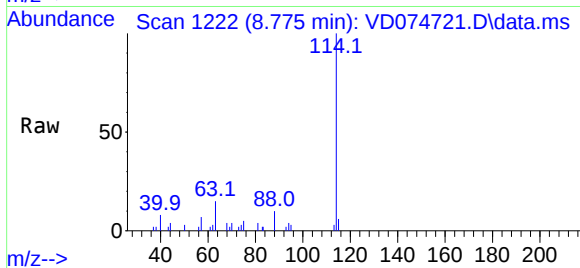
Tgt Ion:114 Resp: 18669

Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.2

88 9.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 88.441 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074721.D

Acq: 03 Nov 2022 17:55

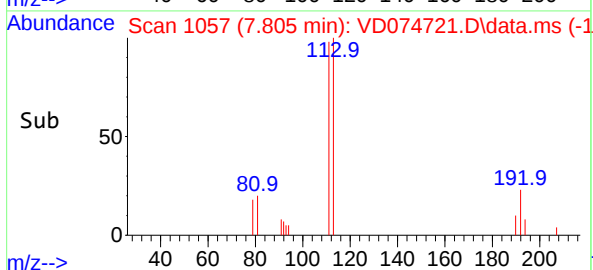
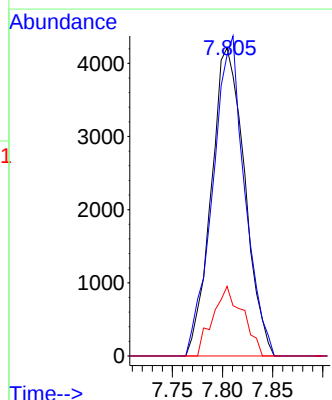
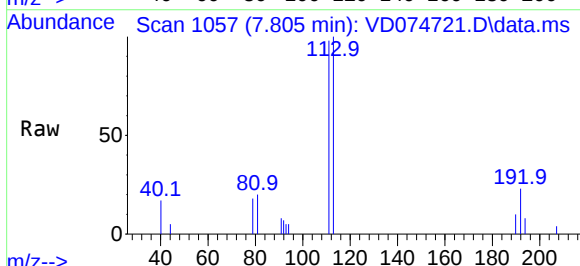
Tgt Ion:113 Resp: 9767

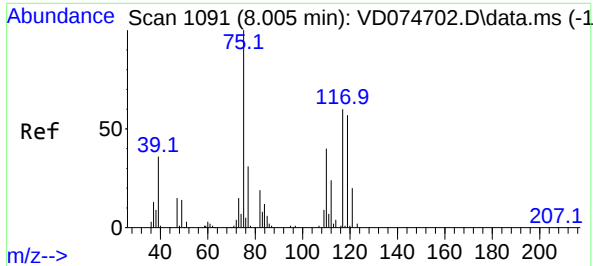
Ion Ratio Lower Upper

113 100

111 99.0 82.3 123.5

192 20.2 16.4 24.6

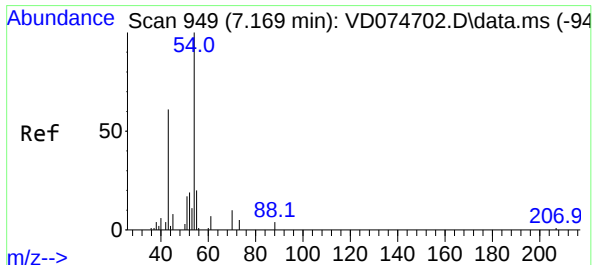
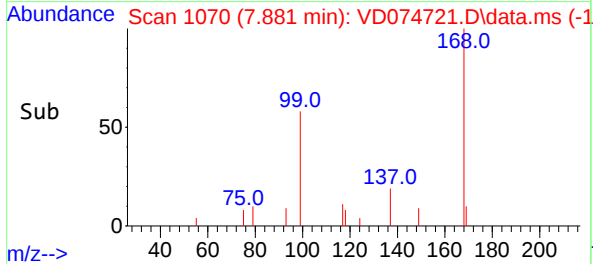
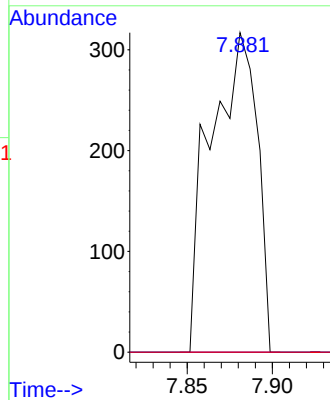
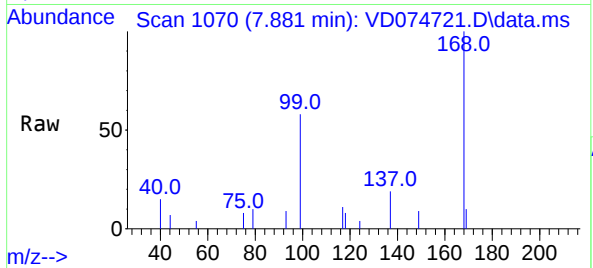




#36
1,1-Dichloropropene
Concen: 3.591 ug/l
RT: 7.881 min Scan# 1091
Delta R.T. -0.124 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

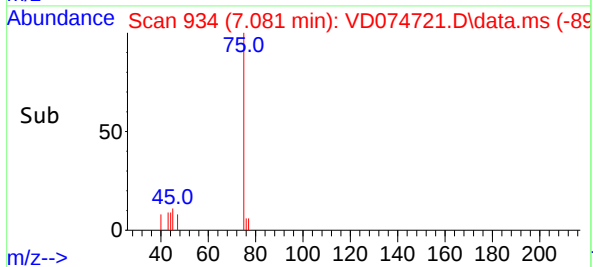
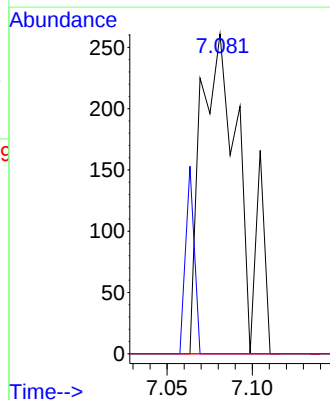
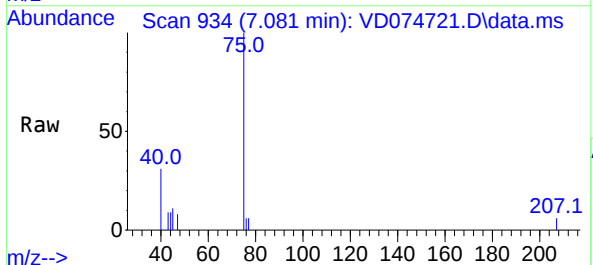
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

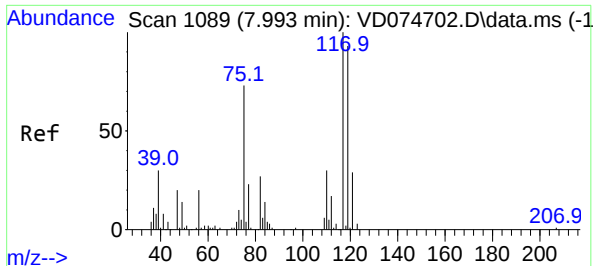
Tgt Ion: 75 Resp: 602
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 7.654 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.088 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
61 12.6 12.2 18.4
70 0.0 9.6 14.4#

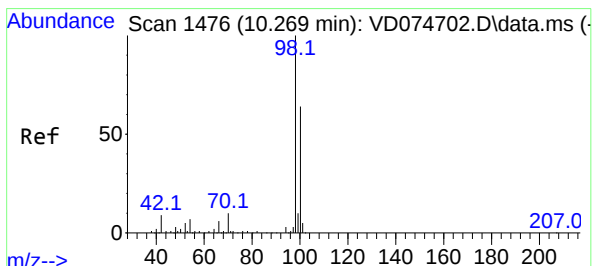
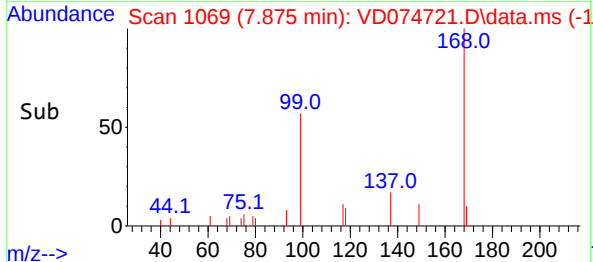
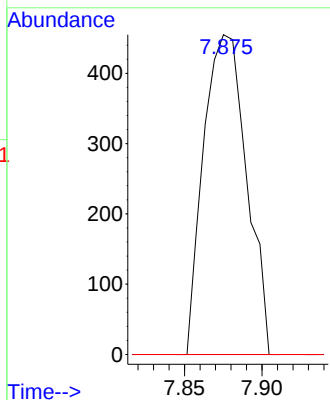
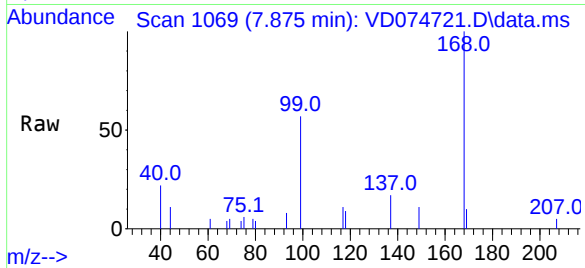




#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

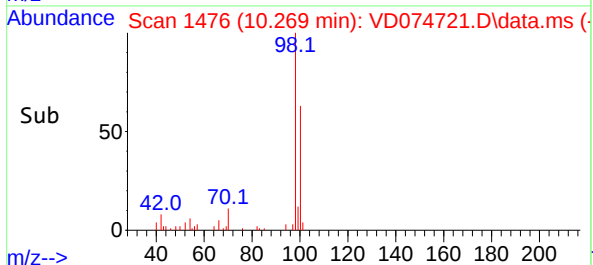
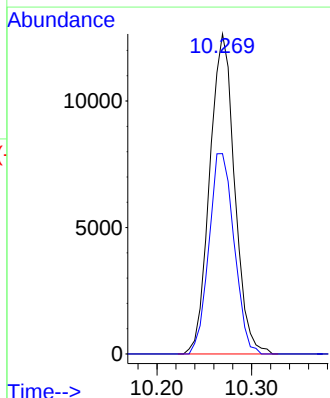
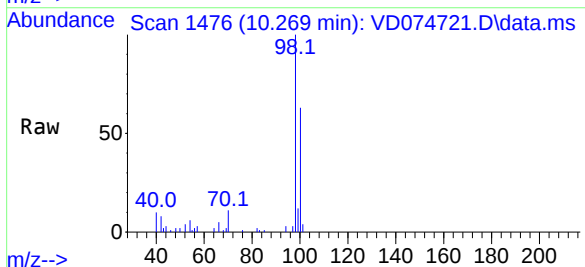
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

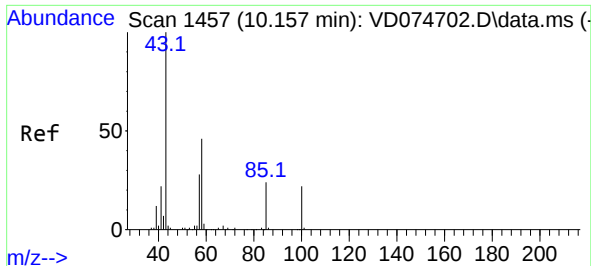
Tgt Ion:117 Resp: 878
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 57.185 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 98 Resp: 23036
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

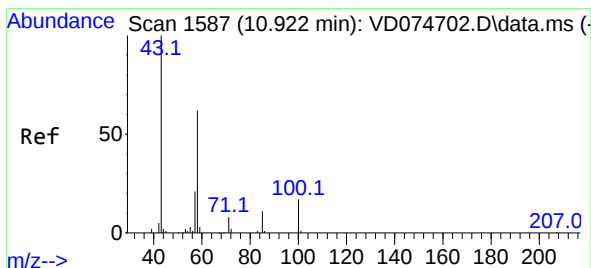
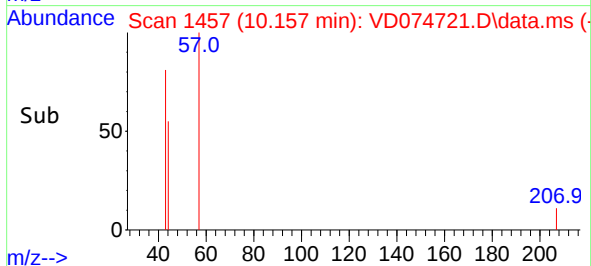
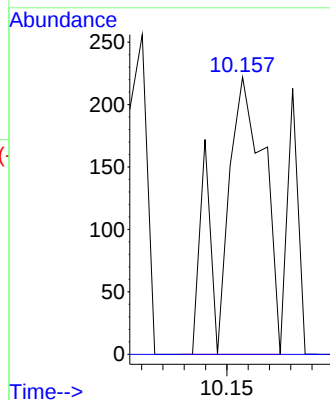
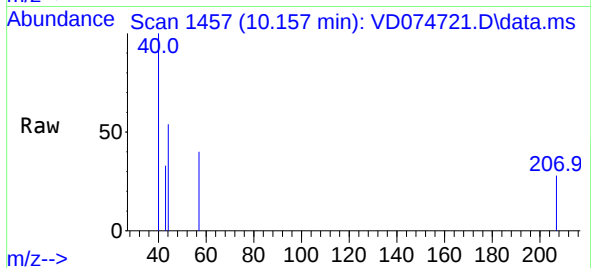




#51
4-Methyl-2-Pentanone
Concen: 6.104 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

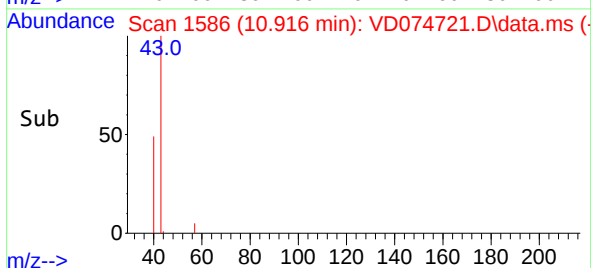
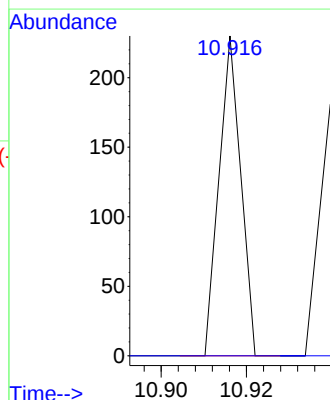
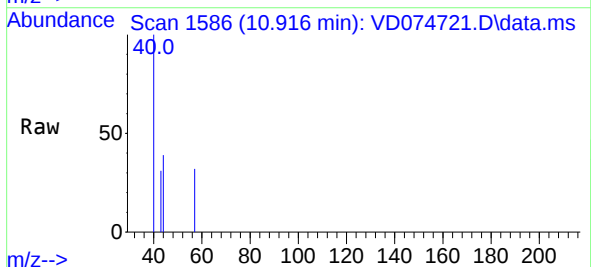
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

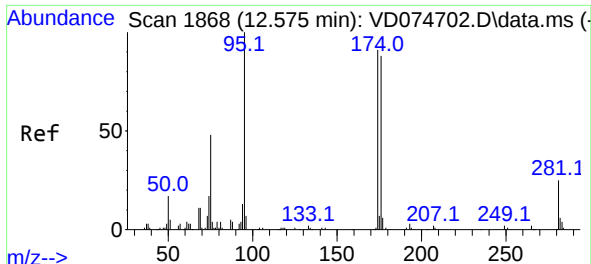
Tgt Ion: 43 Resp: 308
Ion Ratio Lower Upper
43 100
58 0.0 37.8 56.6#



#59
2-Hexanone
Concen: 2.334 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
58 0.0 32.0 96.2#

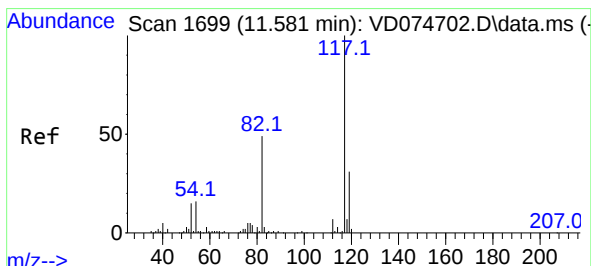
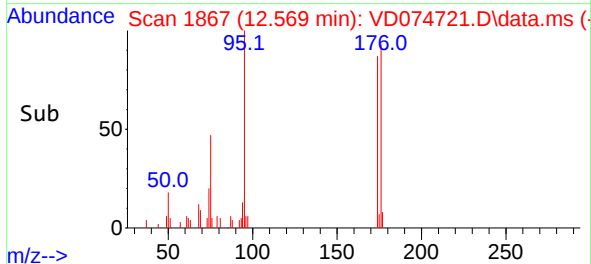
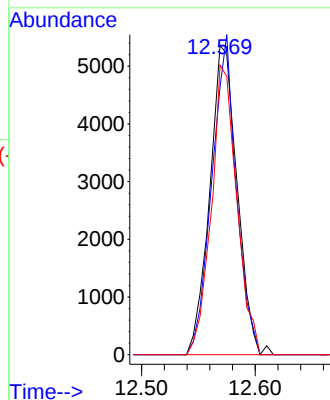
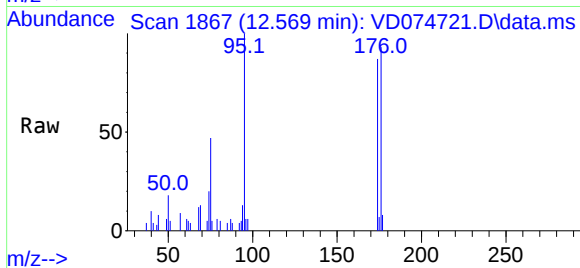




#62
4-Bromofluorobenzene
Concen: 77.147 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

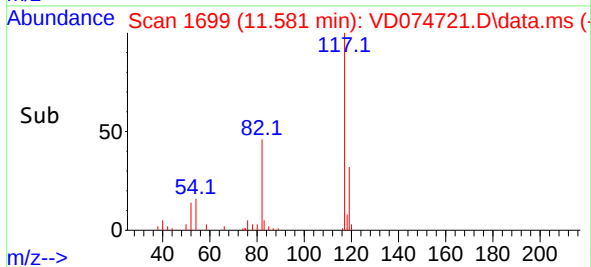
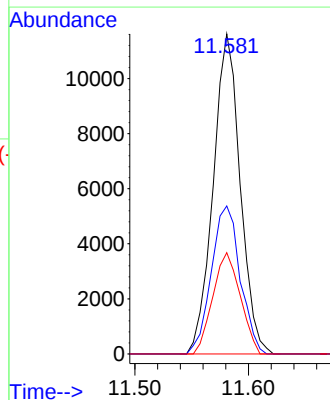
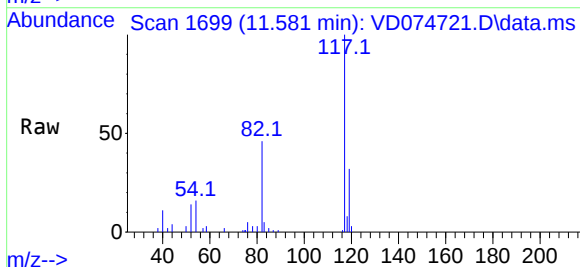
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

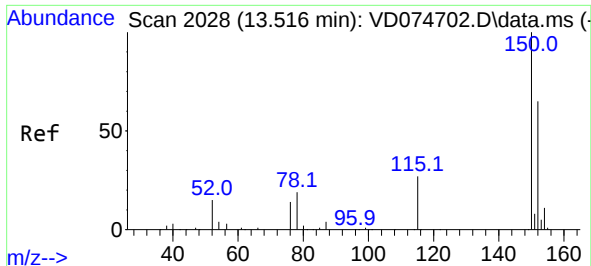
Tgt Ion:	95	Resp:	8973
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	197.0
176	87.1	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion:	117	Resp:	19221
Ion	Ratio	Lower	Upper
117	100		
82	46.3	41.6	62.4
119	31.6	25.2	37.8

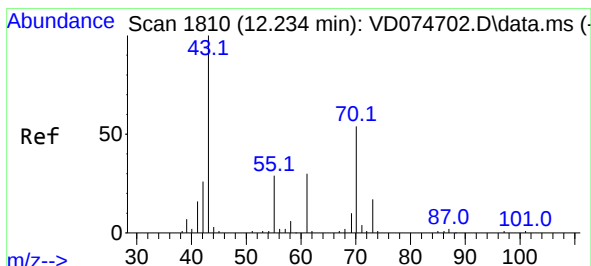
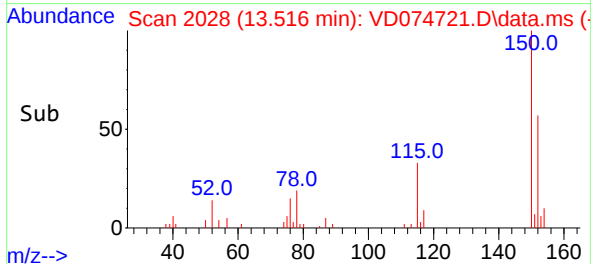
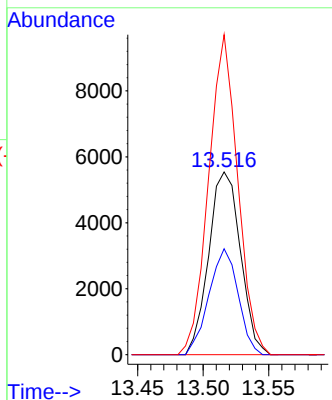
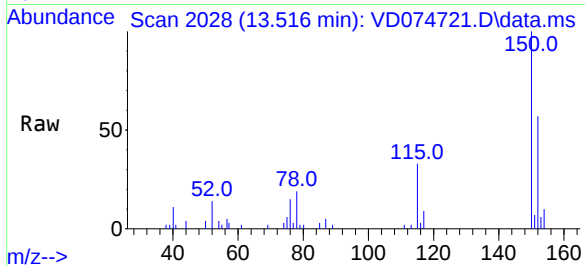




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

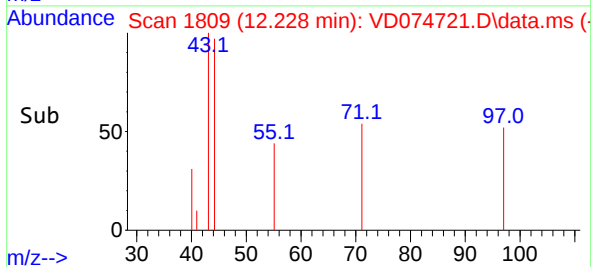
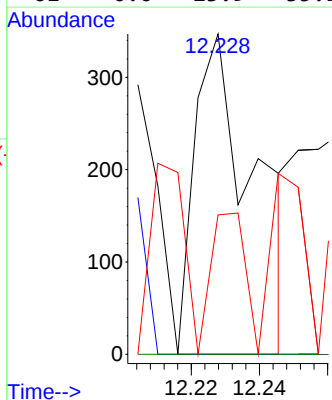
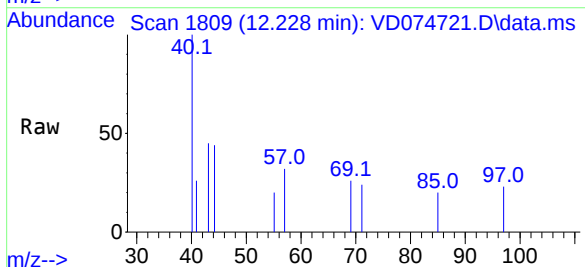
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

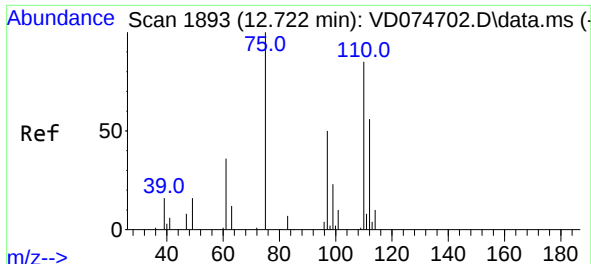
Tgt Ion:152 Resp: 9325
Ion Ratio Lower Upper
152 100
115 53.3 26.8 80.4
150 160.6 0.0 348.2



#74
N-ethyl acetate
Concen: 3.814 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
70 0.0 43.8 65.6#
55 25.4 22.0 33.0
61 0.0 23.9 35.9#

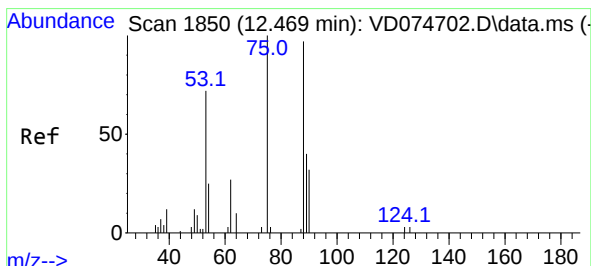
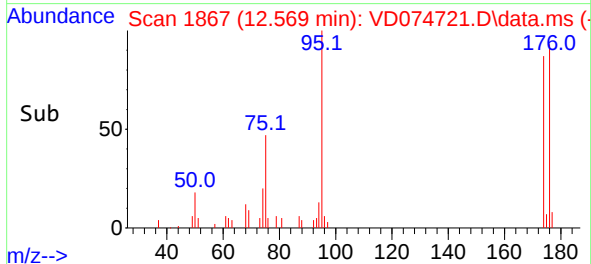
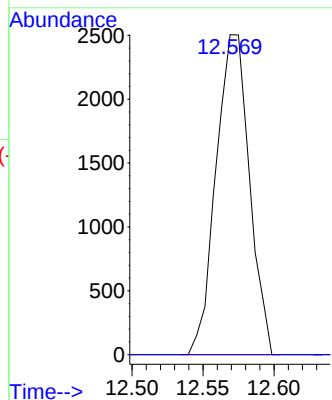
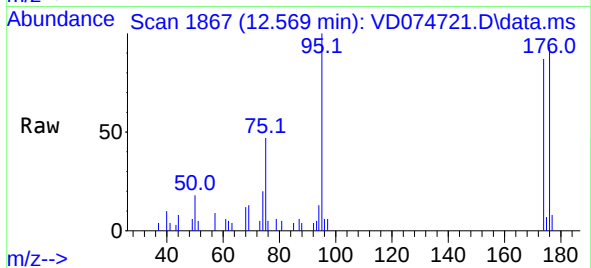




#76
1,2,3-Trichloropropane
Concen: 56.745 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

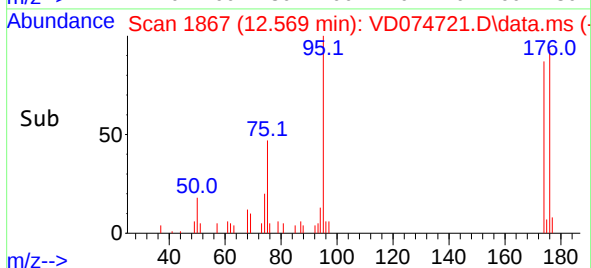
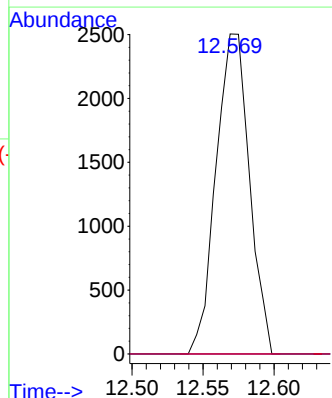
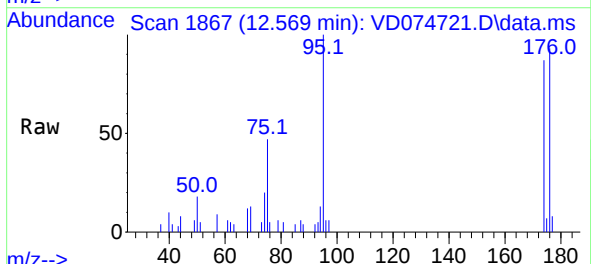
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102

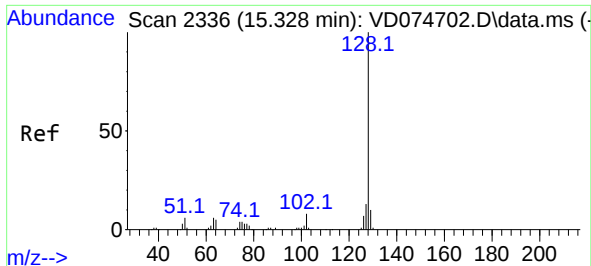
Tgt Ion: 75 Resp: 4102
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

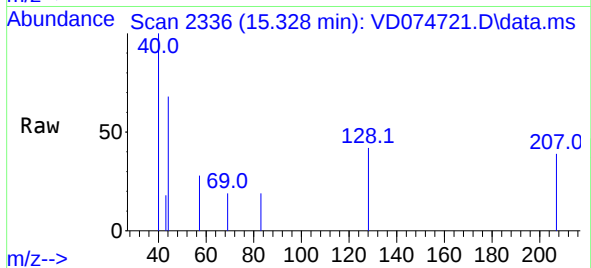
Tgt Ion: 75 Resp: 4102
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 1.482 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074721.D
Acq: 03 Nov 2022 17:55

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP-1102



Tgt Ion:128 Resp: 487
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

