

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074258.D
 Acq On : 12 Sep 2022 16:45
 Operator : VA/SY
 Sample : N4545-01
 Misc : 6.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-SOIL-0908

Quant Time: Sep 13 04:43:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

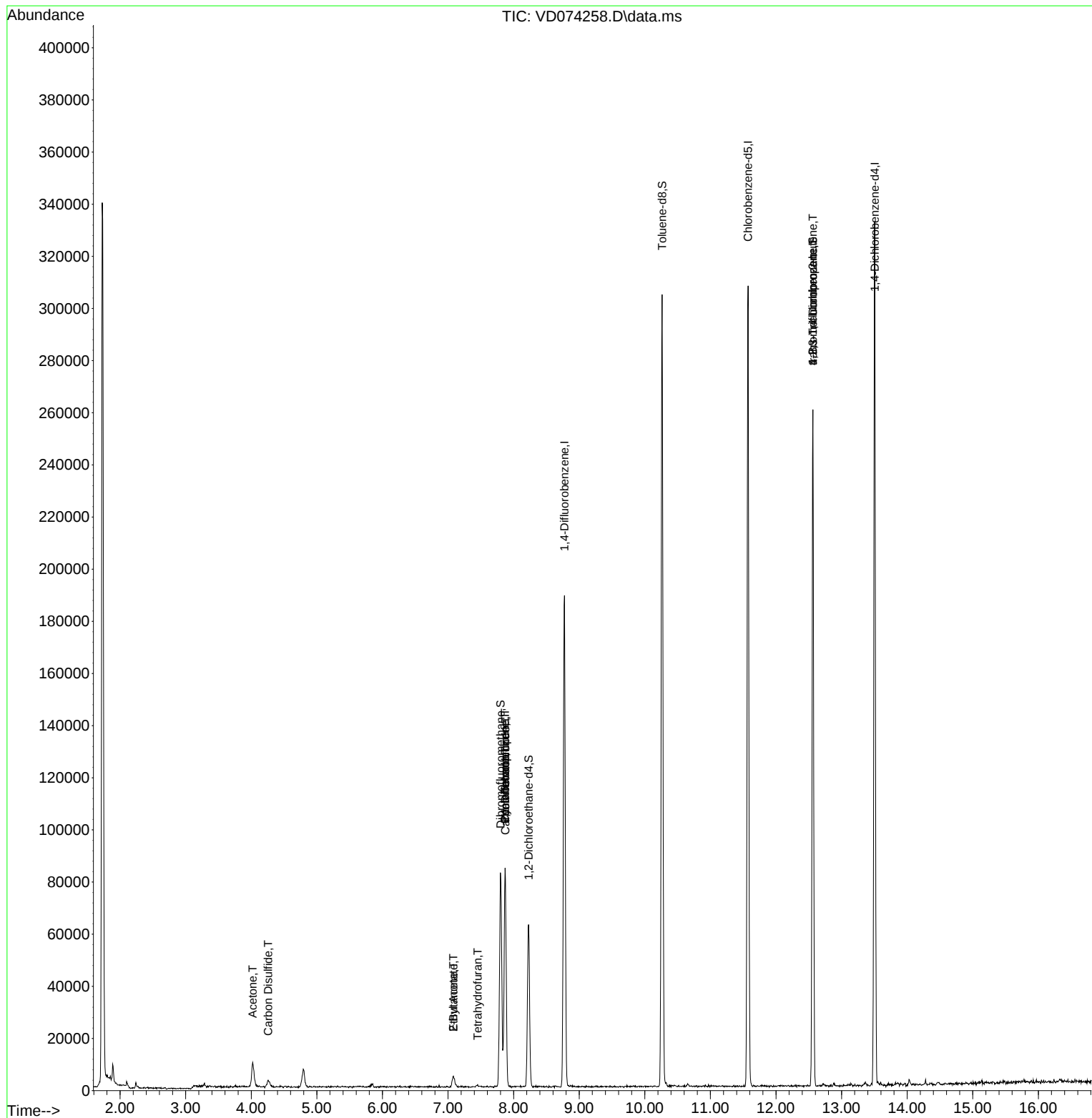
Internal Standards						
1) Pentafluorobenzene	7.869	168	66924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	171295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	181973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	89127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49992	73.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.540%	
35) Dibromofluoromethane	7.799	113	59927	52.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.880%	
50) Toluene-d8	10.263	98	214709	51.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.563	95	81372	56.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	15895	112.863	ug/l	94
17) Carbon Disulfide	4.258	76	5718	2.692	ug/l	96
20) Methylene Chloride	4.799	84	4954	Below Cal		97
25) 2-Butanone	7.081	43	6854	29.180	ug/l	90
29) Tetrahydrofuran	7.452	42	302	2.086	ug/l #	32
31) Cyclohexane	7.869	56	1441	1.022	ug/l #	16
36) 1,1-Dichloropropene	7.869	75	4893	2.639	ug/l #	46
37) Ethyl Acetate	7.081	43	6854	8.525	ug/l #	67
38) Carbon Tetrachloride	7.875	117	6659	3.970	ug/l #	11
76) 1,2,3-Trichloropropane	12.563	75	40385	44.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	40385	108.978	ug/l #	100

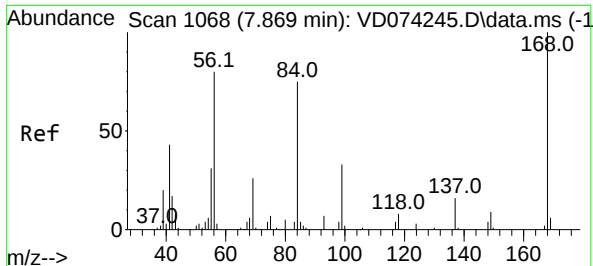
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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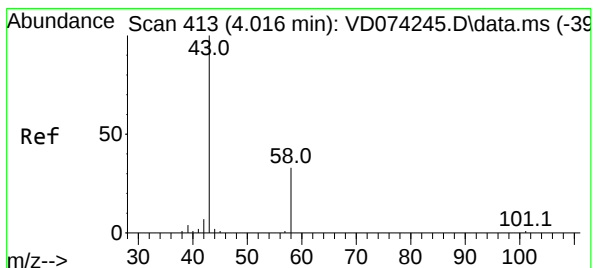
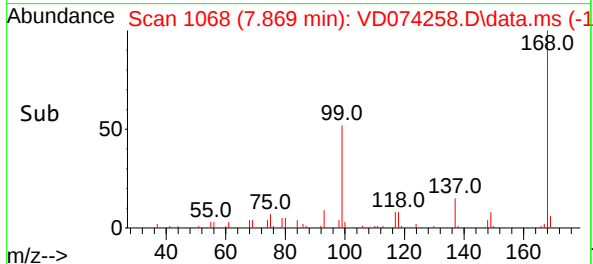
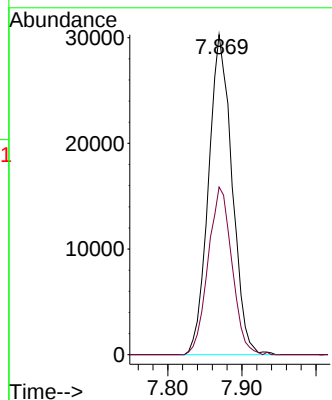
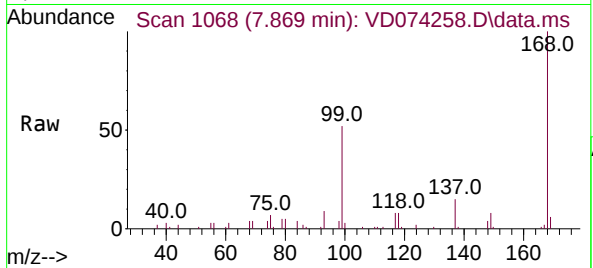




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

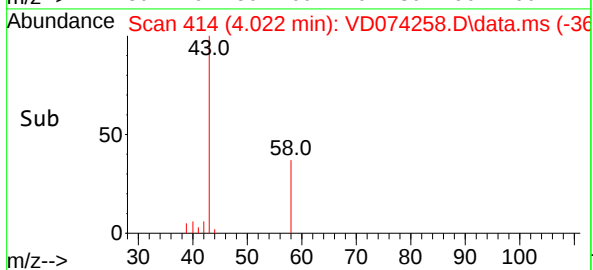
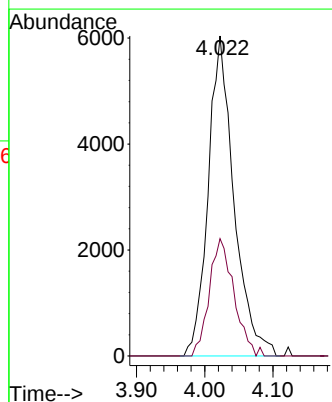
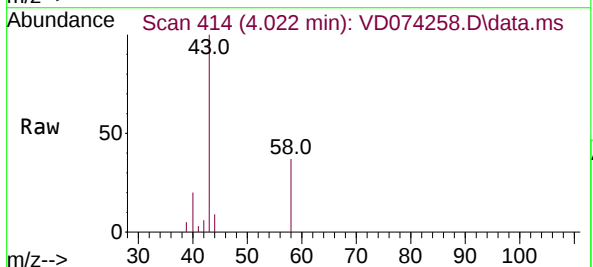
Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

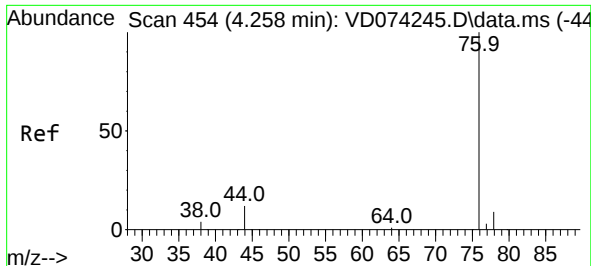
Tgt Ion:168 Resp: 66924
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#16
Acetone
Concen: 112.863 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion: 43 Resp: 15895
Ion Ratio Lower Upper
43 100
58 36.7 26.4 39.6





#17

Carbon Disulfide

Concen: 2.692 ug/l

RT: 4.258 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

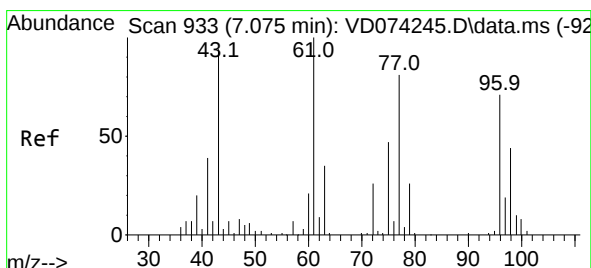
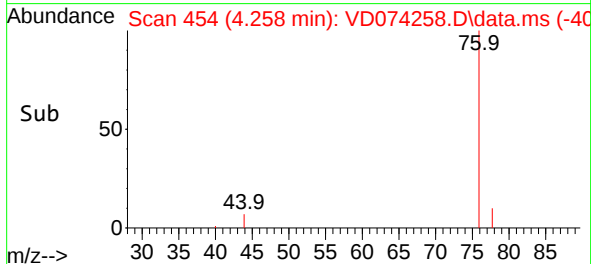
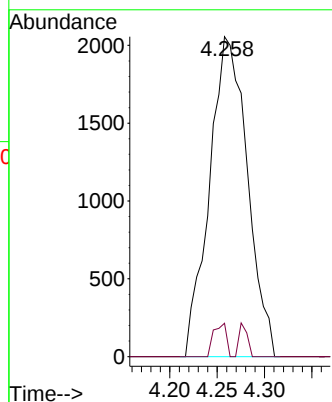
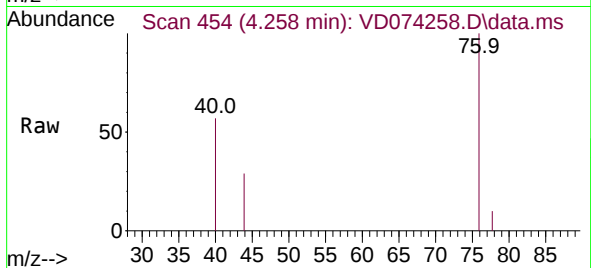
HR-SOIL-0908

Tgt Ion: 76 Resp: 5718

Ion Ratio Lower Upper

76 100

78 10.5 7.2 10.8



#25

2-Butanone

Concen: 29.180 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD074258.D

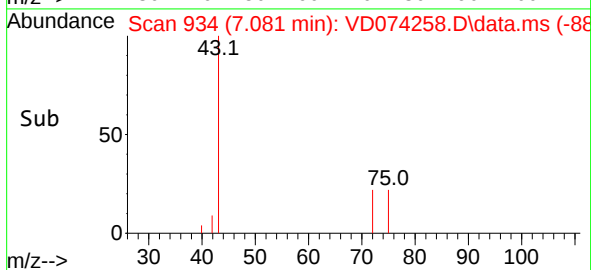
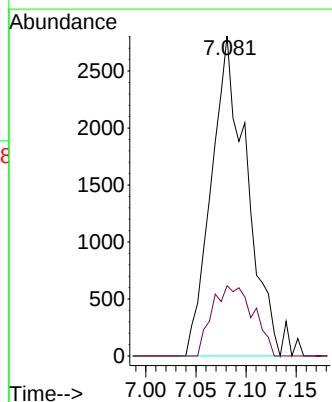
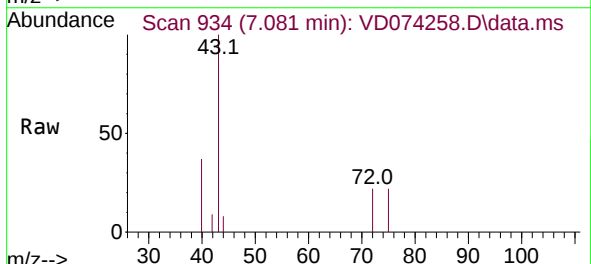
Acq: 12 Sep 2022 16:45

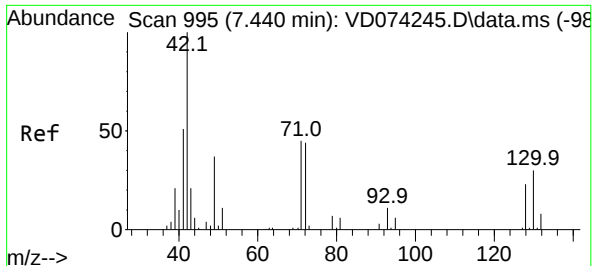
Tgt Ion: 43 Resp: 6854

Ion Ratio Lower Upper

43 100

72 22.0 21.8 32.6





#29

Tetrahydrofuran

Concen: 2.086 ug/l

RT: 7.452 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

HR-SOIL-0908

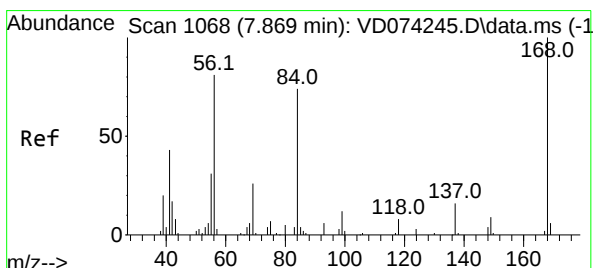
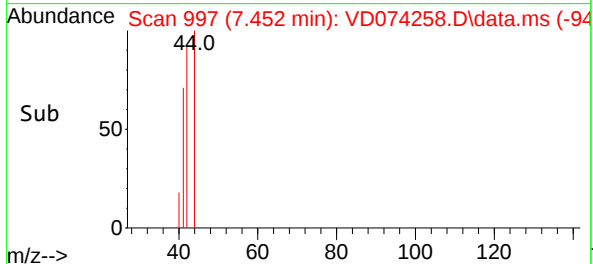
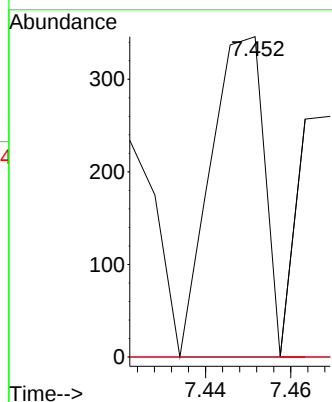
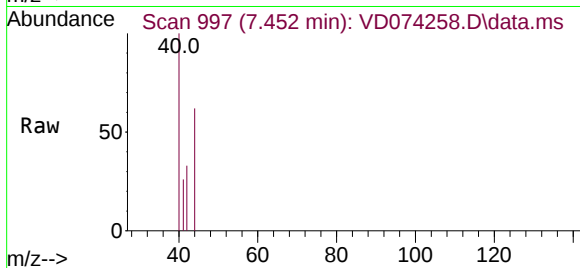
Tgt Ion: 42 Resp: 302

Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.022 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

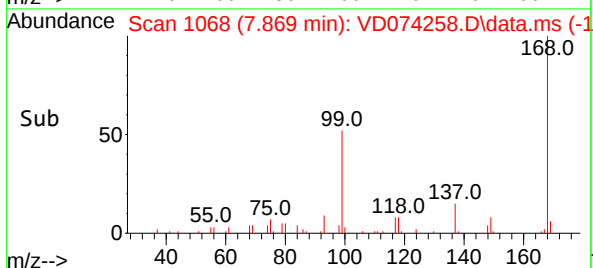
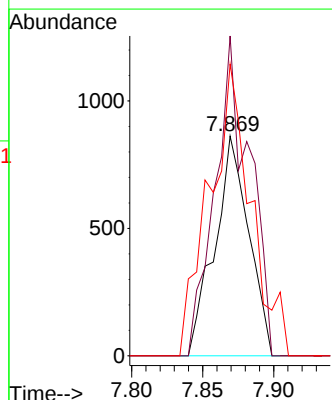
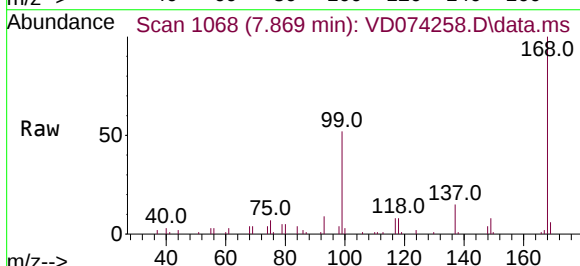
Tgt Ion: 56 Resp: 1441

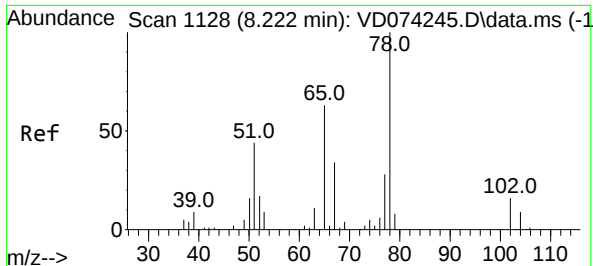
Ion Ratio Lower Upper

56 100

69 145.6 25.7 38.5#

84 132.8 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 73.270 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

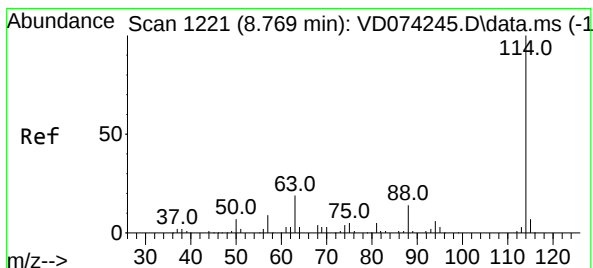
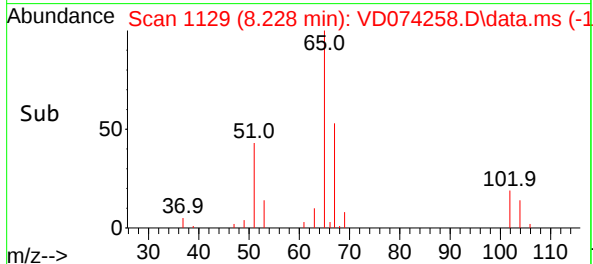
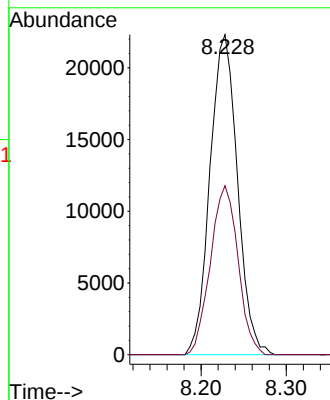
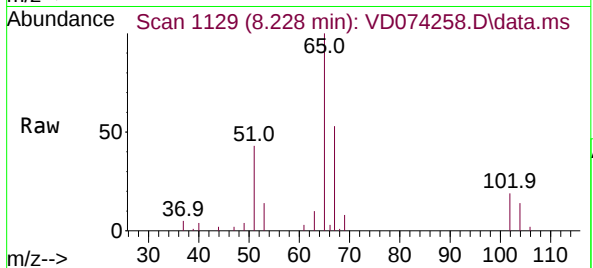
HR-SOIL-0908

Tgt Ion: 65 Resp: 49992

Ion Ratio Lower Upper

65 100

67 53.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

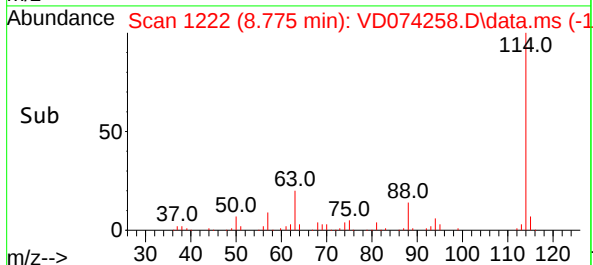
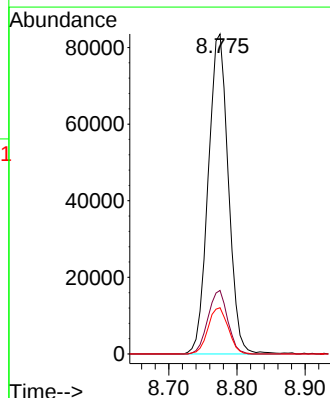
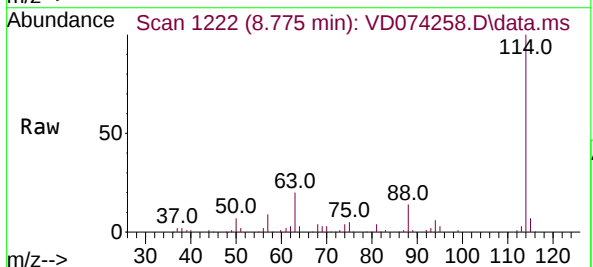
Tgt Ion: 114 Resp: 171295

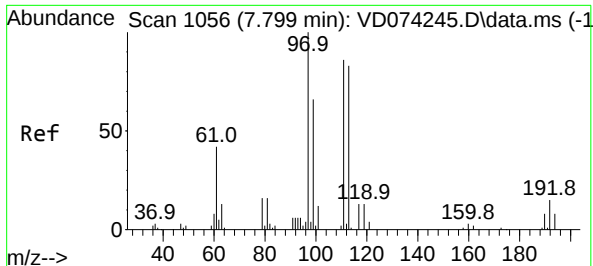
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 52.438 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

HR-SOIL-0908

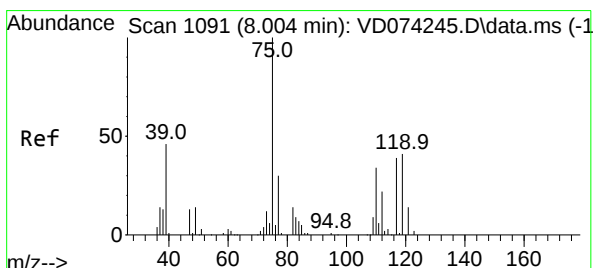
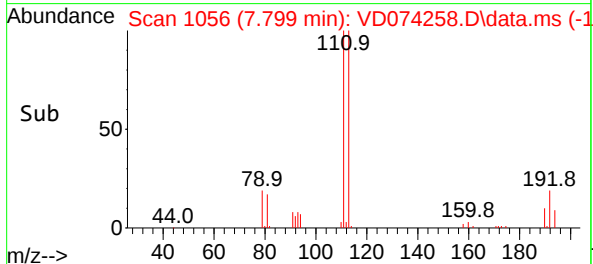
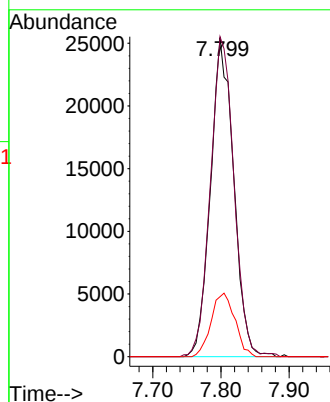
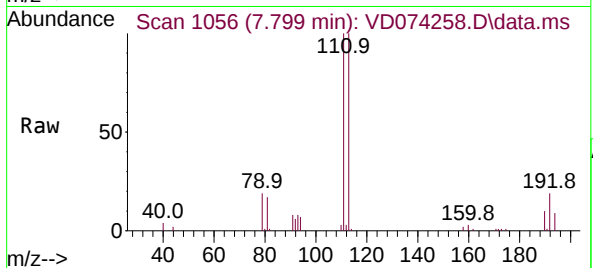
Tgt Ion:113 Resp: 59927

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 20.6 16.2 24.2



#36

1,1-Dichloropropene

Concen: 2.639 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

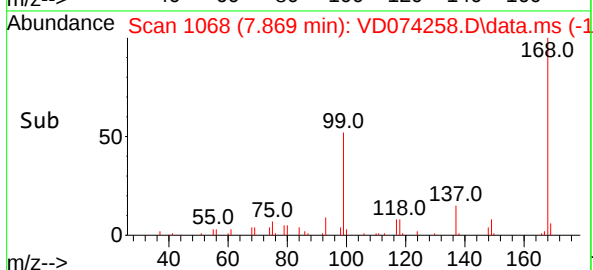
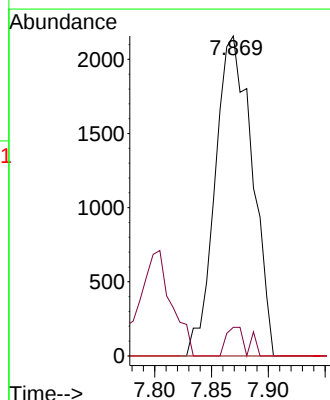
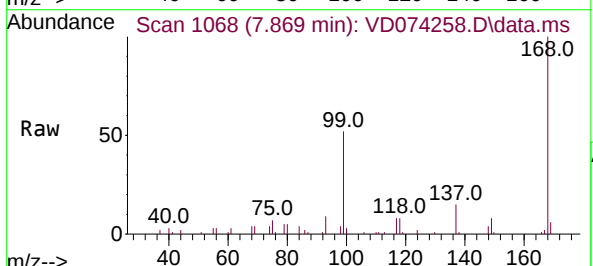
Tgt Ion: 75 Resp: 4893

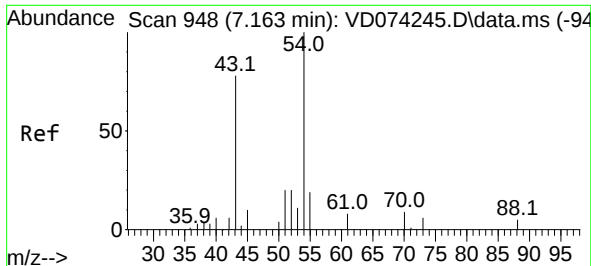
Ion Ratio Lower Upper

75 100

110 5.0 17.5 52.5#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 8.525 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.082 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

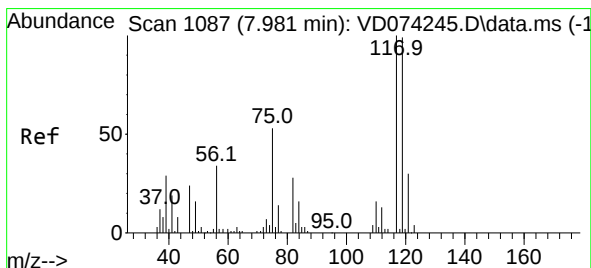
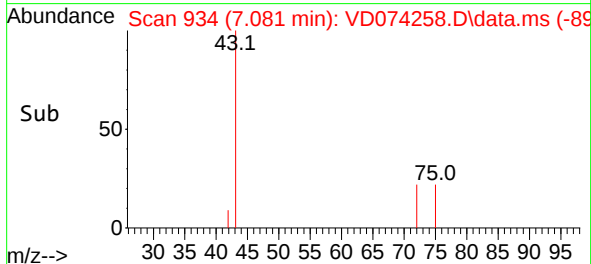
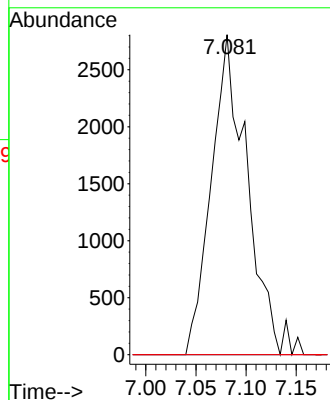
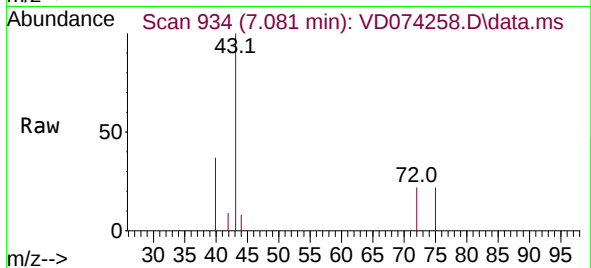
Instrument :

MSVOA_D

ClientSampleId :

HR-SOIL-0908

Tgt Ion: 43	Resp: 6854
Ion Ratio	Lower Upper
43 100	
61 0.0	12.1 18.1#
70 0.0	8.5 12.7#



#38

Carbon Tetrachloride

Concen: 3.970 ug/l

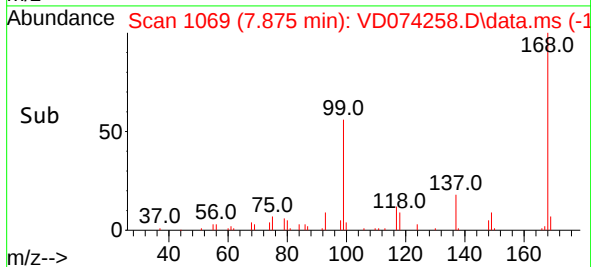
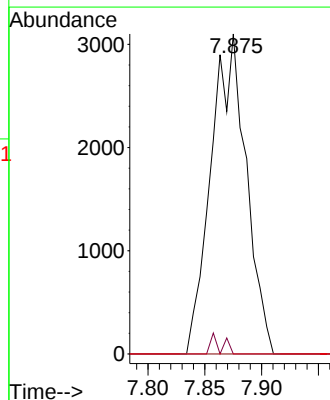
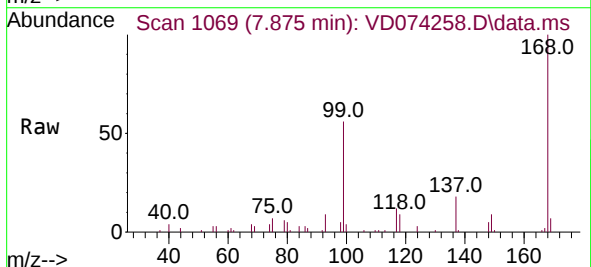
RT: 7.875 min Scan# 1069

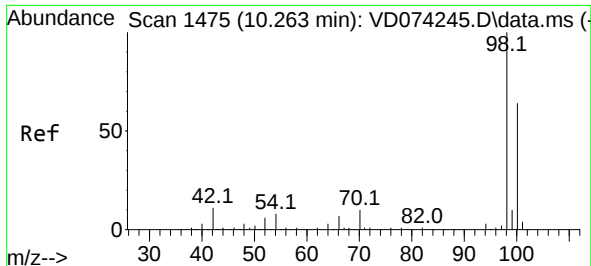
Delta R.T. -0.106 min

Lab File: VD074258.D

Acq: 12 Sep 2022 16:45

Tgt Ion: 117	Resp: 6659
Ion Ratio	Lower Upper
117 100	
119 0.0	78.8 118.2#
121 0.0	23.9 35.9#

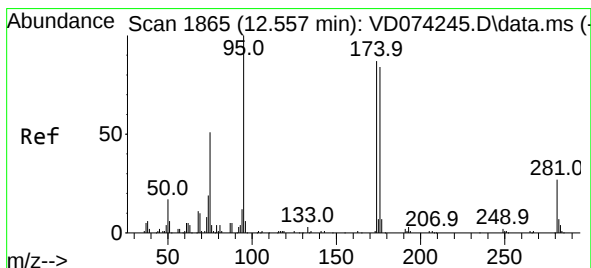
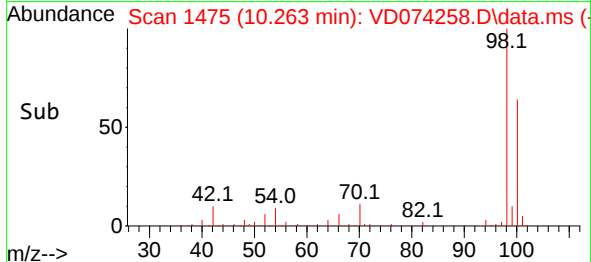
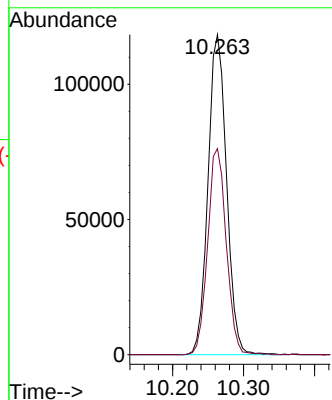
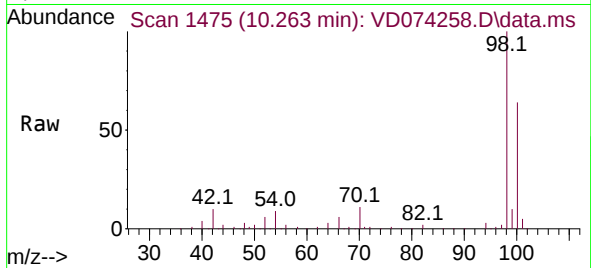




#50
Toluene-d8
Concen: 51.134 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

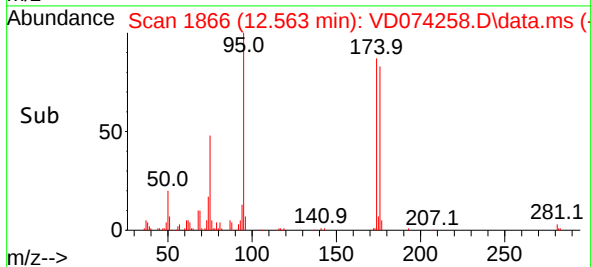
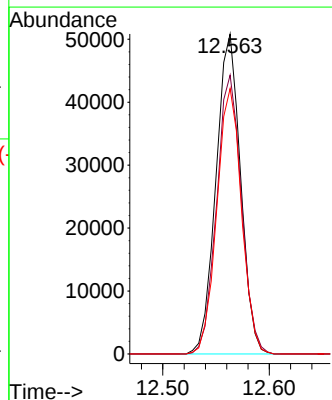
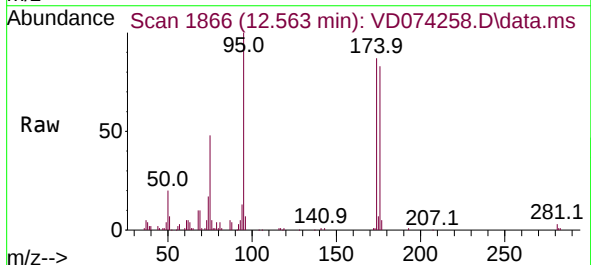
Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

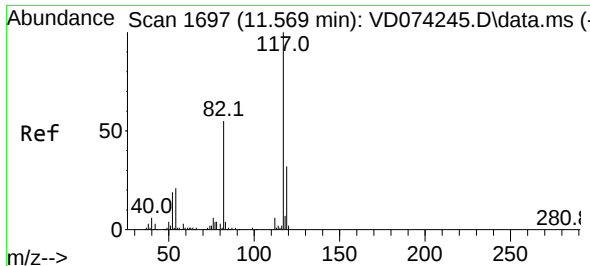
Tgt Ion: 98 Resp: 214709
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 56.370 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion: 95 Resp: 81372
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.2
176 83.3 0.0 171.4

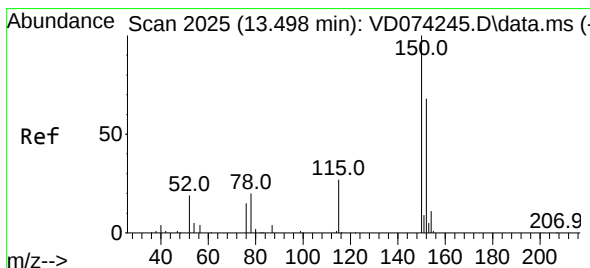
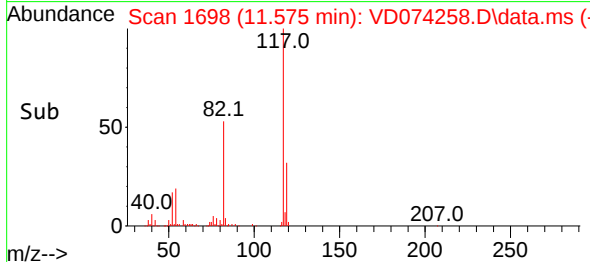
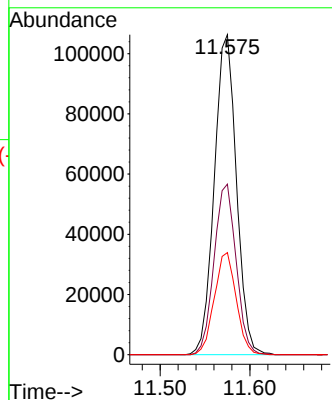
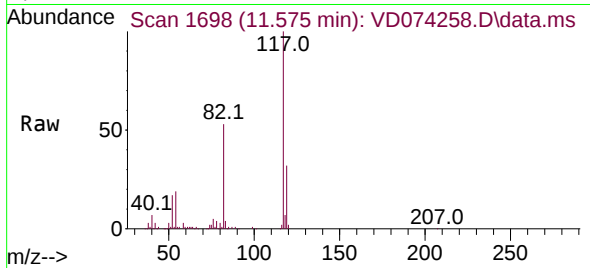




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

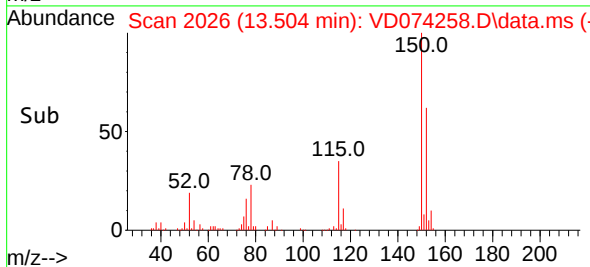
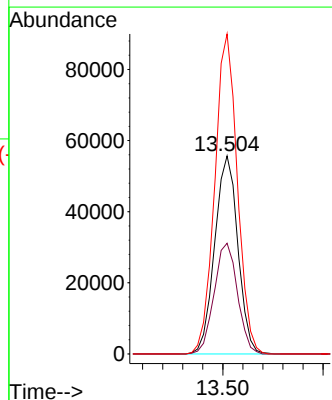
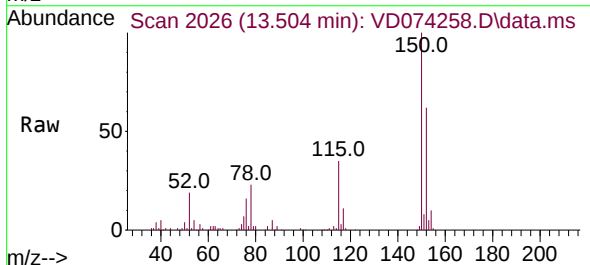
Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

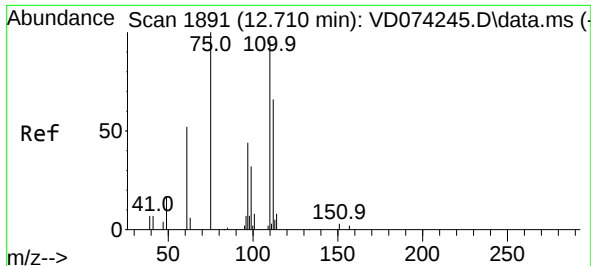
Tgt Ion:117 Resp: 181973
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion:152 Resp: 89127
Ion Ratio Lower Upper
152 100
115 56.4 28.4 85.2
150 157.5 0.0 351.0

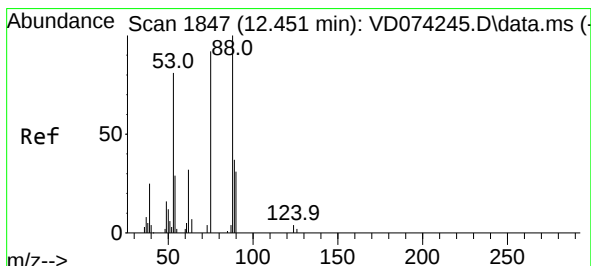
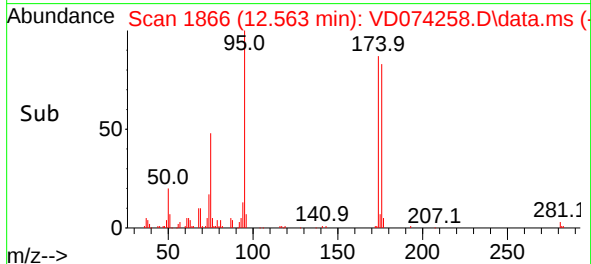
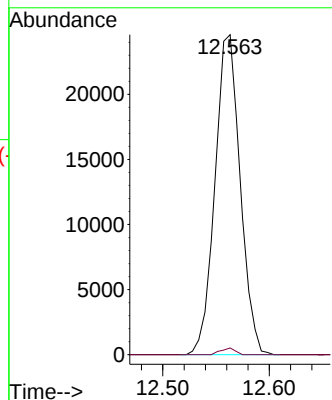
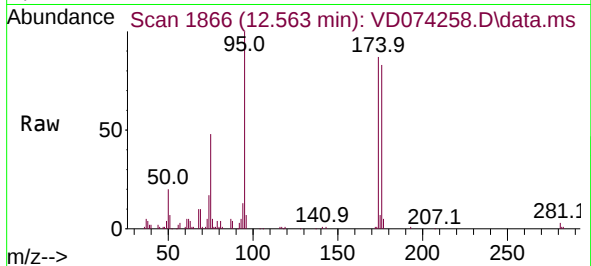




#76
1,2,3-Trichloropropane
Concen: 44.200 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :
HR-SOIL-0908

Tgt Ion: 75 Resp: 40385
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.978 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074258.D
Acq: 12 Sep 2022 16:45

Tgt Ion: 75 Resp: 40385
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

