

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070419.D
 Acq On : 22 Sep 2021 11:40
 Operator : VA/SY
 Sample : M3860-01RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOILRE

Quant Time: Sep 23 05:30:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

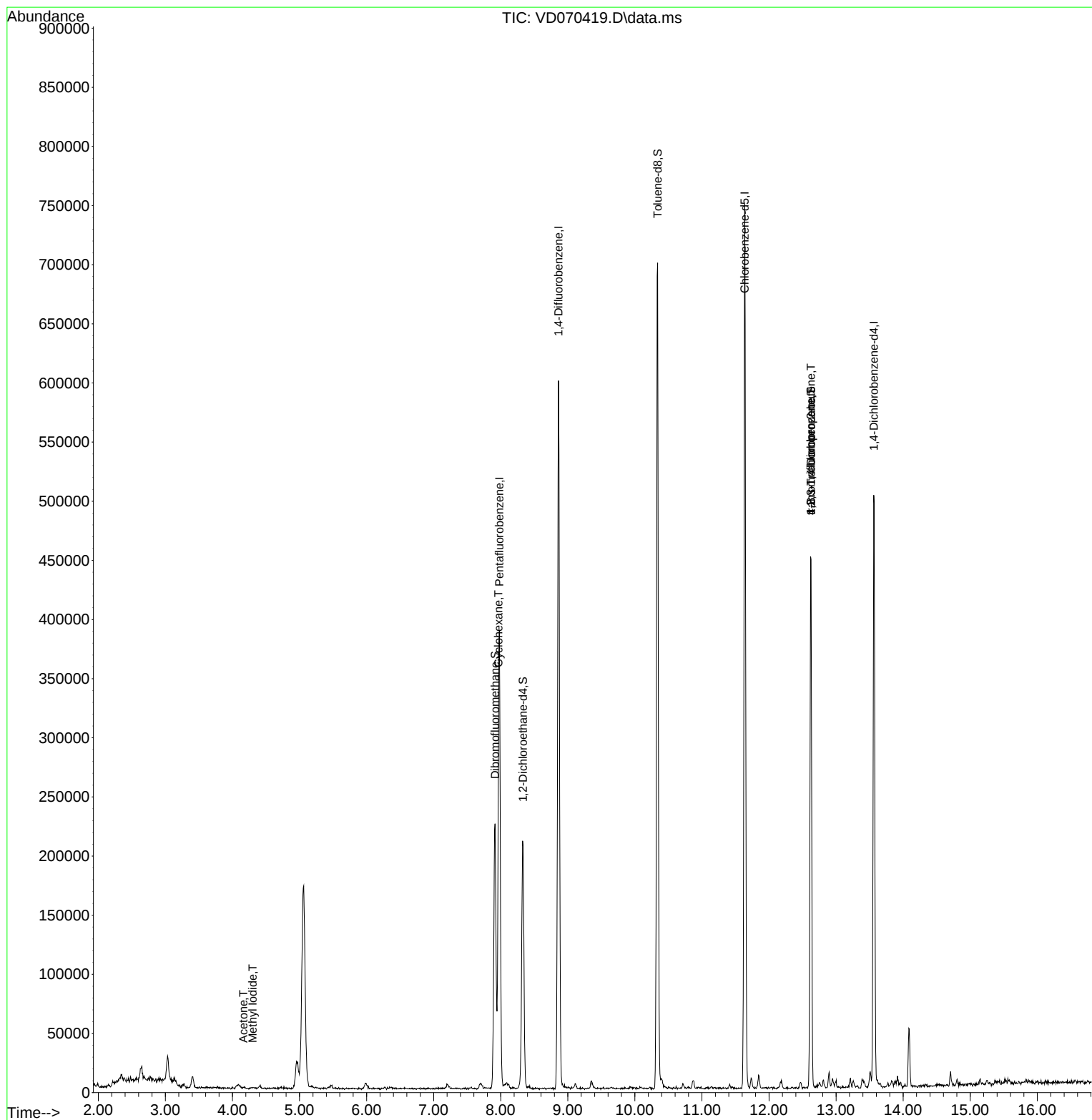
Internal Standards						
1) Pentafluorobenzene	7.979	168	270137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	506072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	433637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	133626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168595	48.606	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.220%		
35) Dibromofluoromethane	7.914	113	163950	45.513	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.020%		
50) Toluene-d8	10.338	98	485830	37.146	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	74.300%		
62) 4-Bromofluorobenzene	12.626	95	130584	28.568	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	57.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1637	Below Cal		90
3) Chloromethane	2.209	50	1960	Below Cal		95
5) Bromomethane	2.768	94	1816	Below Cal	#	63
6) Chloroethane	2.921	64	921	Below Cal	#	43
10) Methyl Iodide	4.303	142	670	1.225 ug/l	#	68
16) Acetone	4.162	43	2043	3.299 ug/l	#	80
18) Methyl Acetate	4.720	43	587	Below Cal	#	48
20) Methylene Chloride	4.973	84	19231	Below Cal		96
31) Cyclohexane	7.967	56	7674	1.284 ug/l	#	32
76) 1,2,3-Trichloropropane	12.626	75	62007	45.875 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	62007	114.945 ug/l	#	17

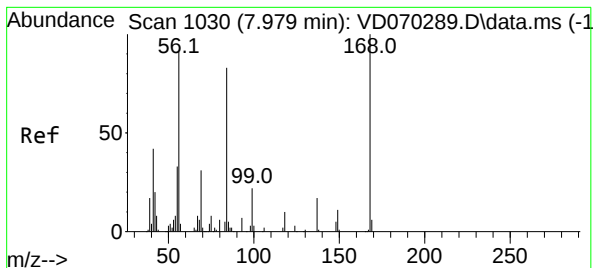
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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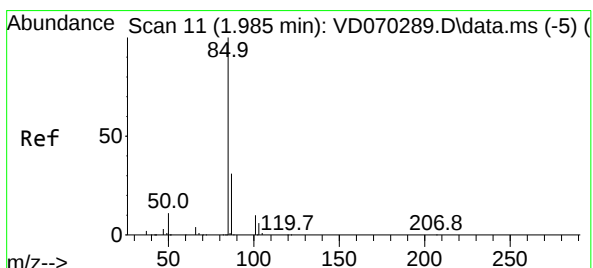
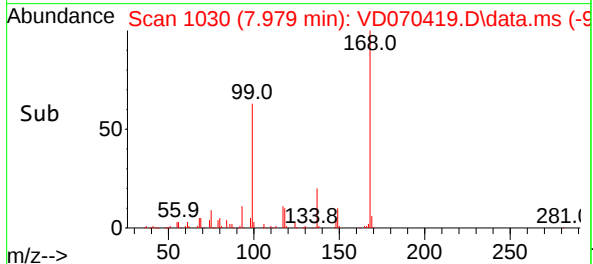
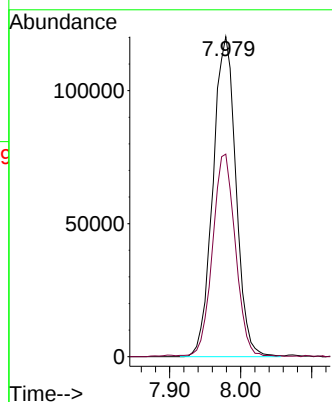
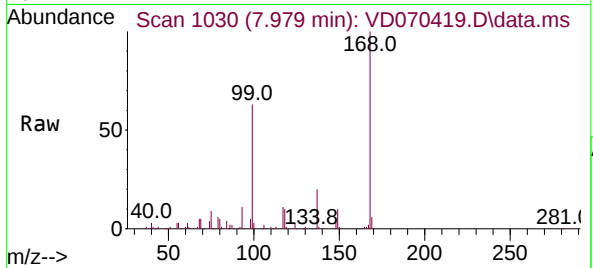




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

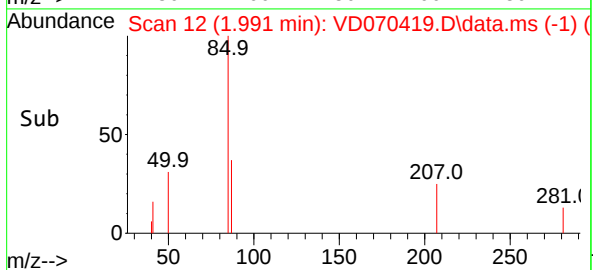
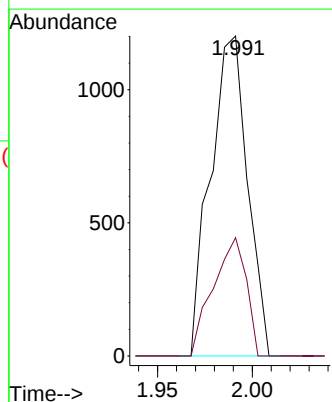
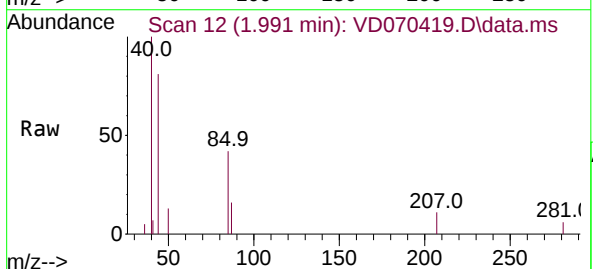
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

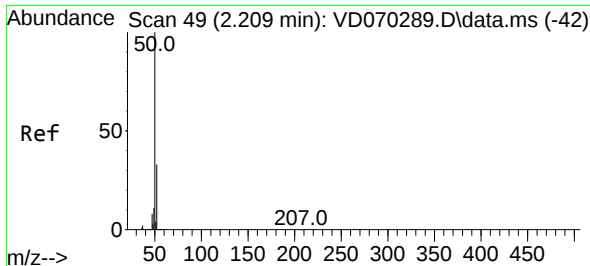
Tgt Ion:168 Resp: 270137
Ion Ratio Lower Upper
168 100
99 62.9 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 85 Resp: 1637
Ion Ratio Lower Upper
85 100
87 36.9 15.6 46.8

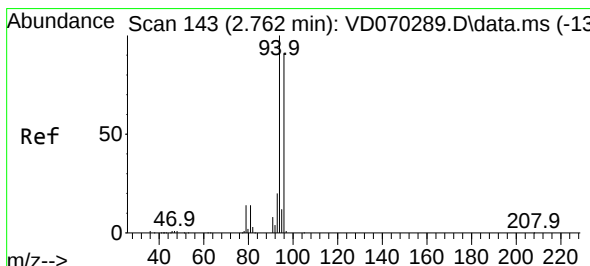
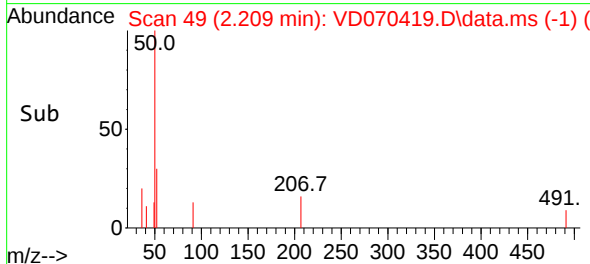
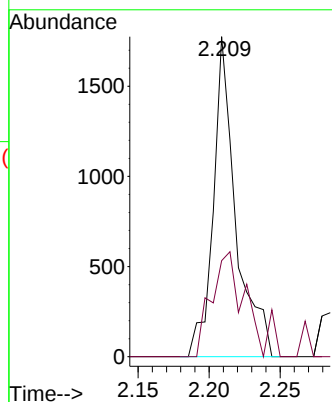
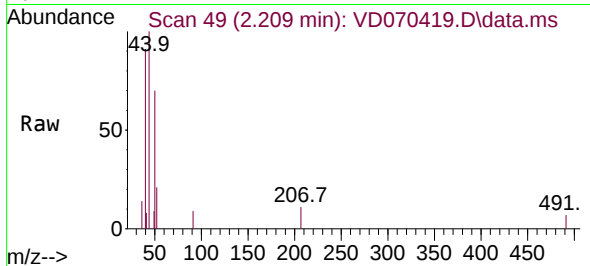




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

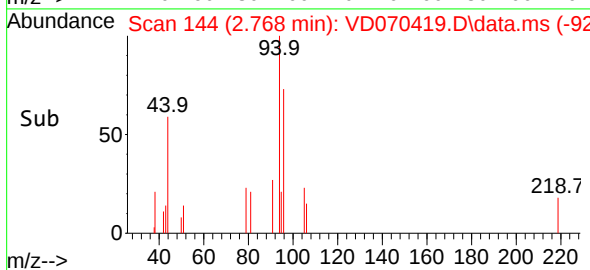
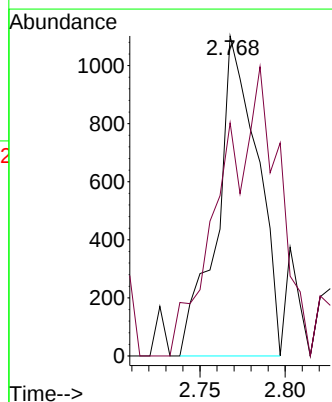
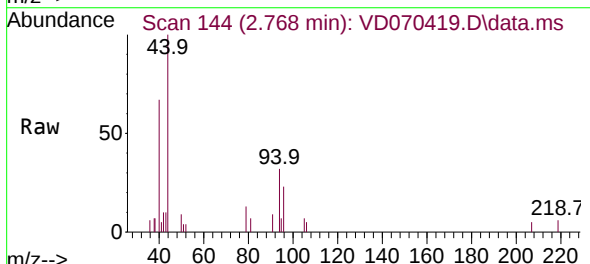
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

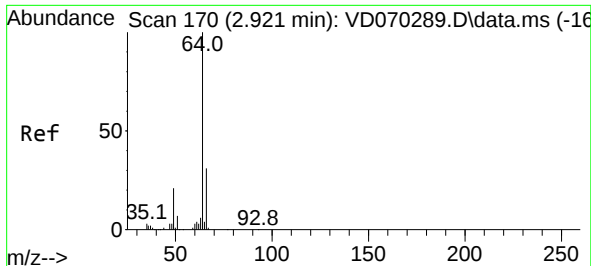
Tgt Ion: 50 Resp: 1960
Ion Ratio Lower Upper
50 100
52 30.0 26.2 39.2



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 94 Resp: 1816
Ion Ratio Lower Upper
94 100
96 56.2 73.0 109.6#

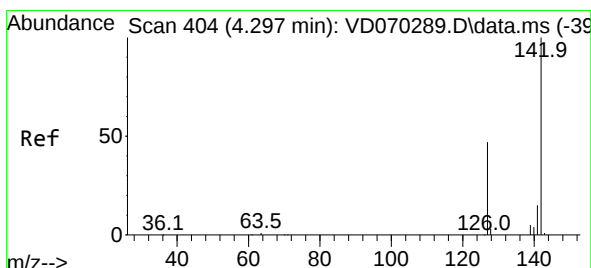
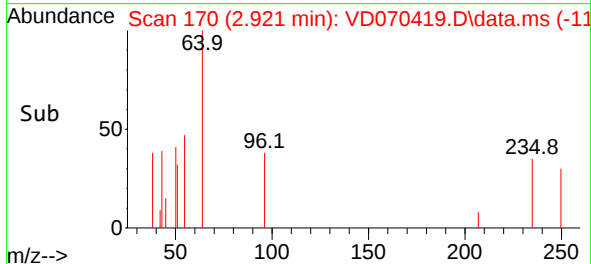
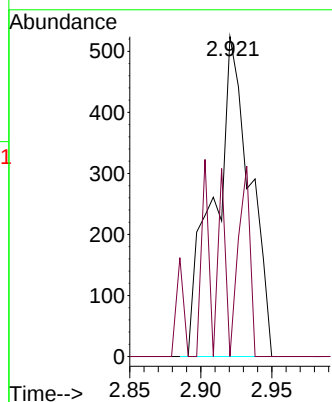
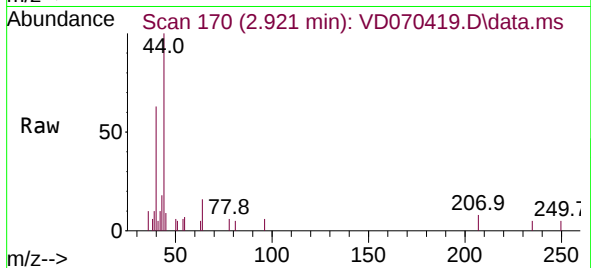




#6
Chloroethane
Concen: Below Cal
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

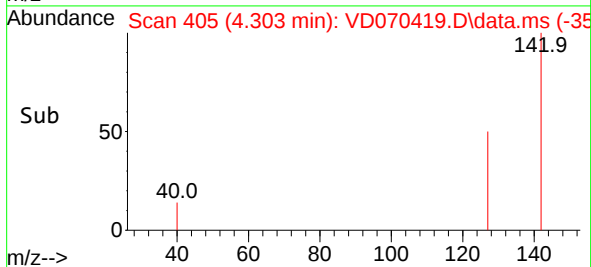
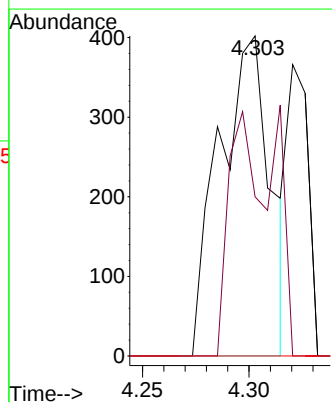
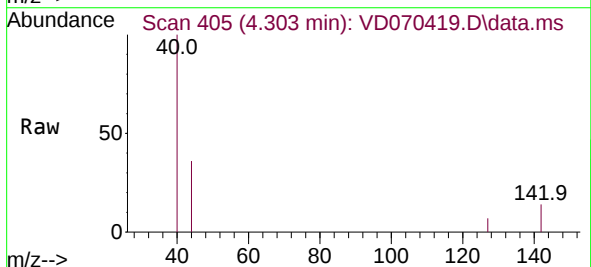
Instrument :
MSVOA_D
ClientSampleID :
PT-SOILRE

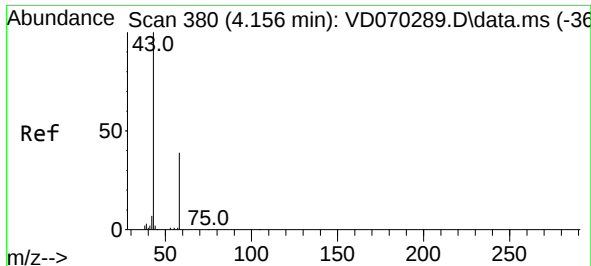
Tgt Ion: 64 Resp: 921
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.225 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 142 Resp: 670
Ion Ratio Lower Upper
142 100
127 66.1 36.9 55.3#
141 0.0 11.8 17.6#

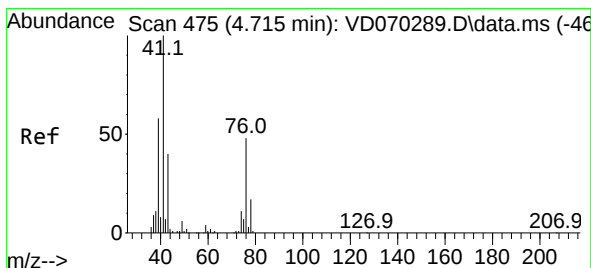
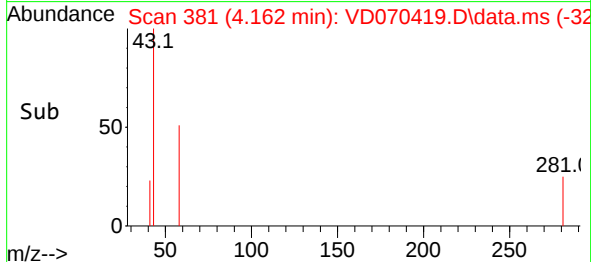
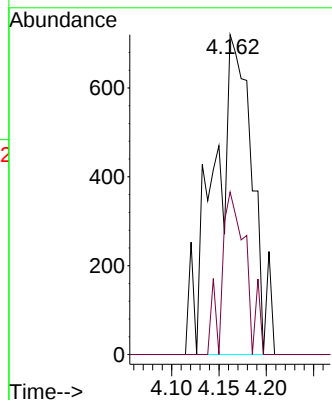
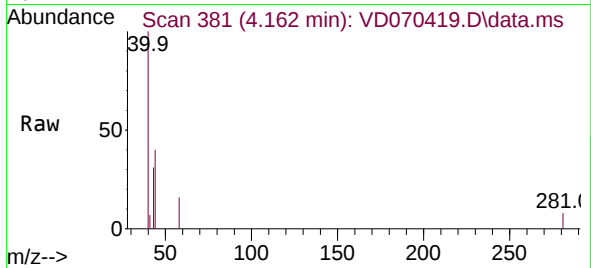




#16
Acetone
Concen: 3.299 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

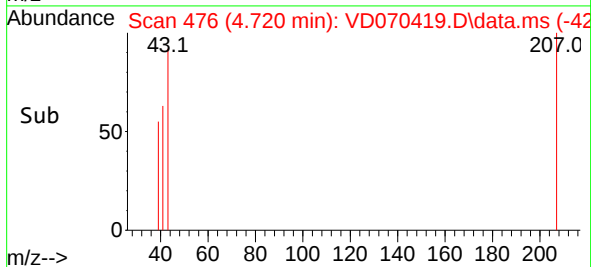
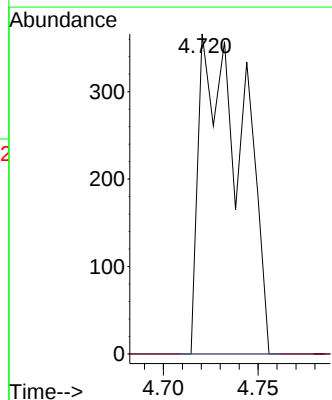
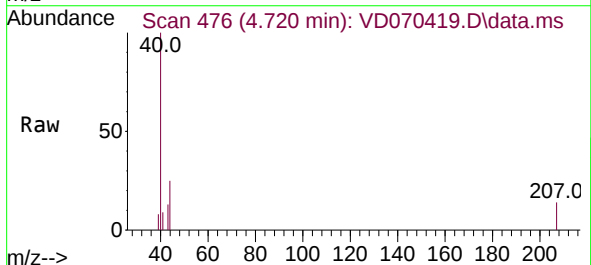
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

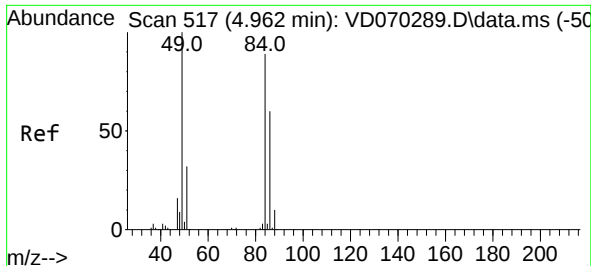
Tgt Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 50.8 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

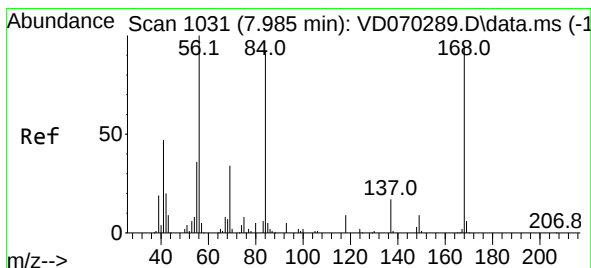
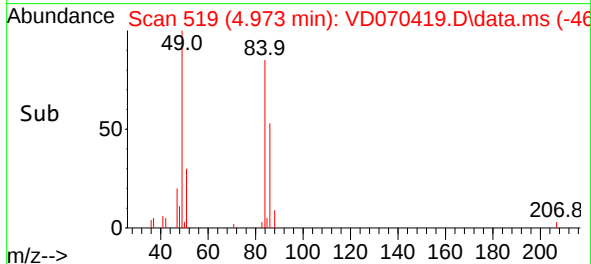
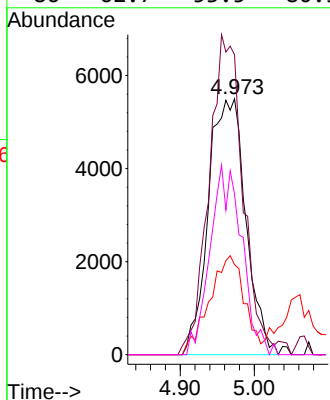
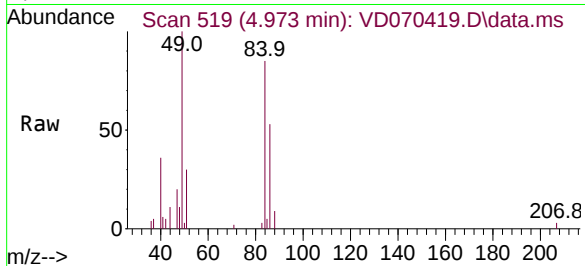




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

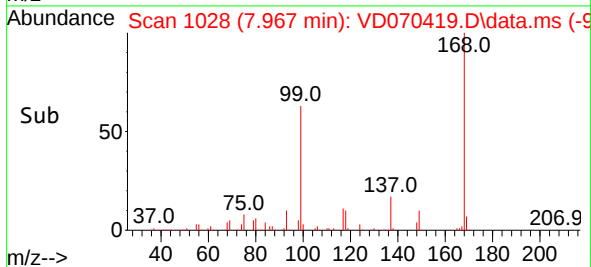
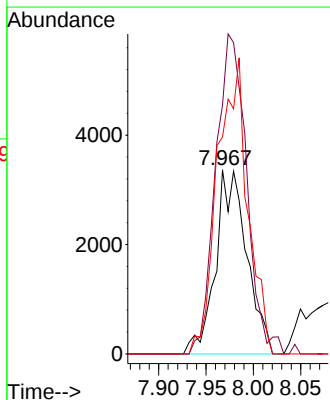
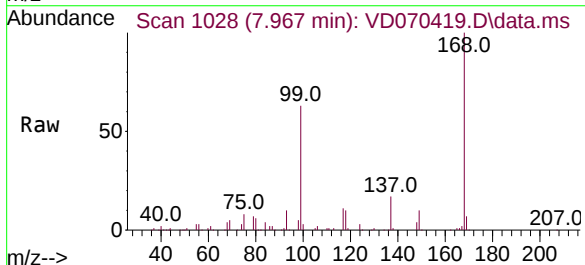
Instrument :
MSVOA_D
ClientSampleId :
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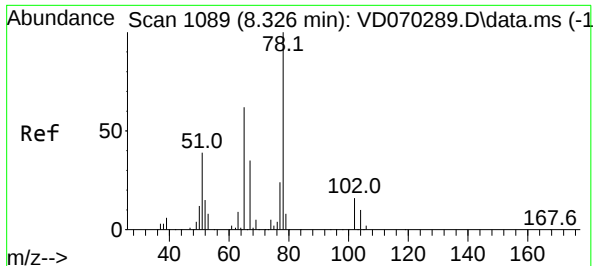
Tgt Ion:	84	Resp:	19231
Ion	Ratio	Lower	Upper
84	100		
49	117.3	89.6	134.4
51	35.2	28.6	43.0
86	62.7	53.5	80.3



#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion:	56	Resp:	7674
Ion	Ratio	Lower	Upper
56	100		
69	135.2	26.9	40.3#
84	117.9	73.6	110.4#



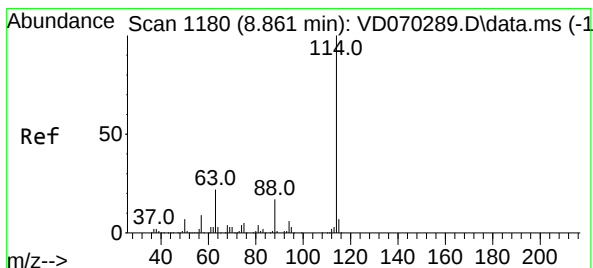
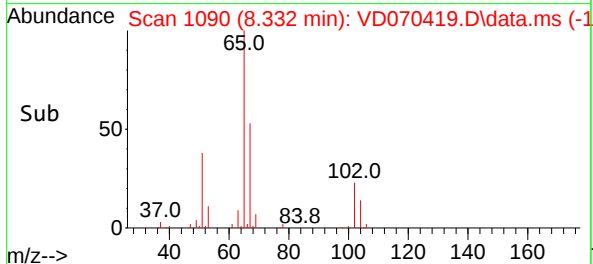
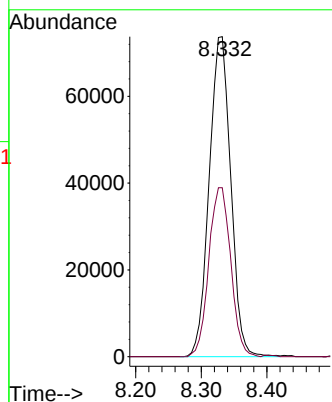
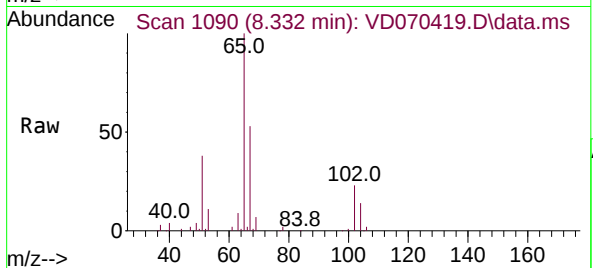


#33

1,2-Dichloroethane-d4
Concen: 48.606 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

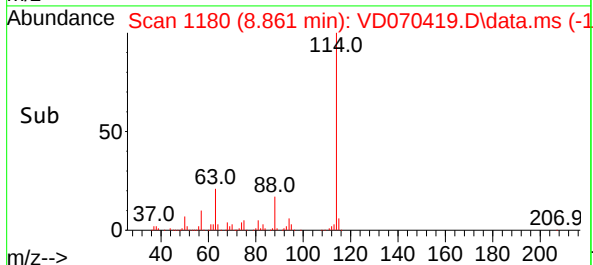
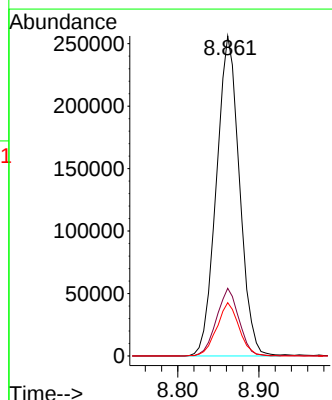
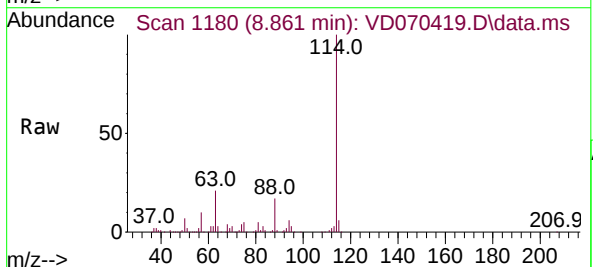
Tgt Ion: 65 Resp: 168595
Ion Ratio Lower Upper
65 100
67 53.7 0.0 111.4

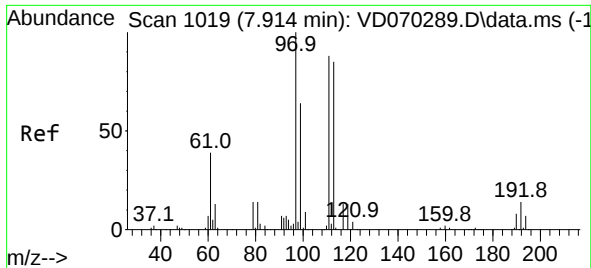


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion:114 Resp: 506072
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.7 0.0 33.4

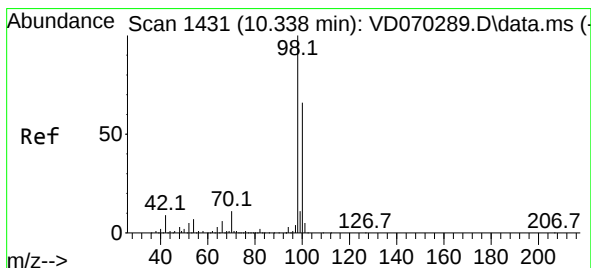
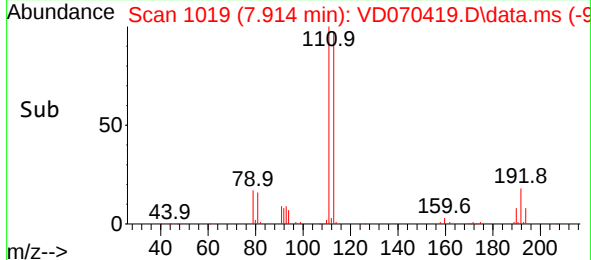
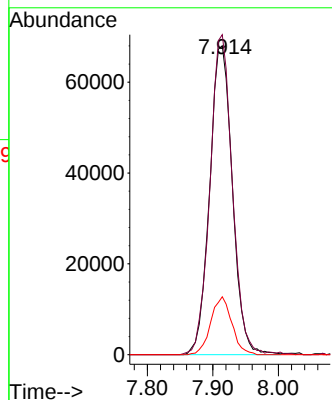
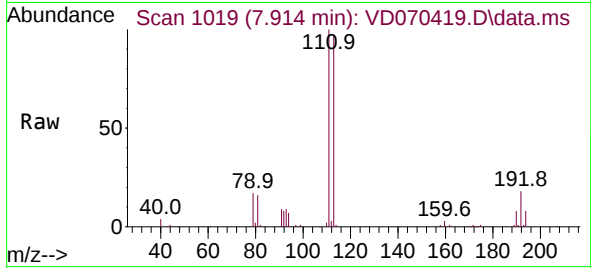




#35
Dibromofluoromethane
Concen: 45.513 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

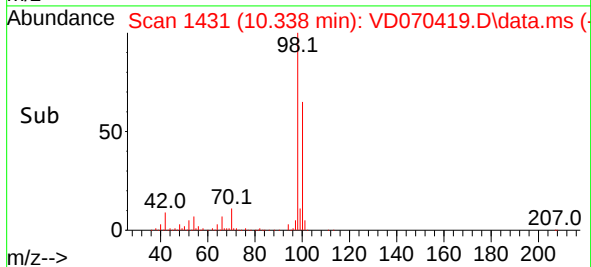
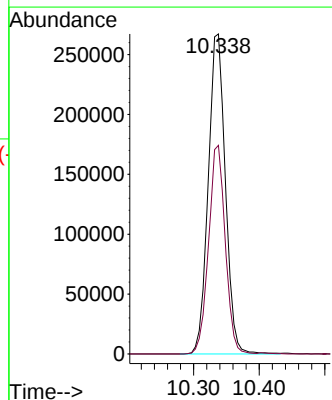
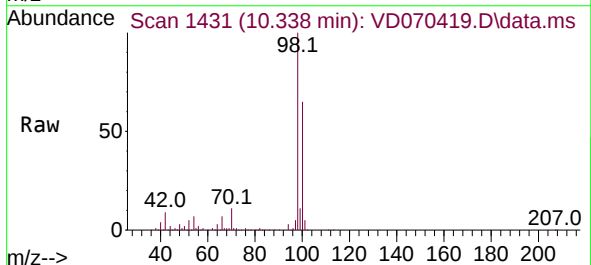
Instrument :
MSVOA_D
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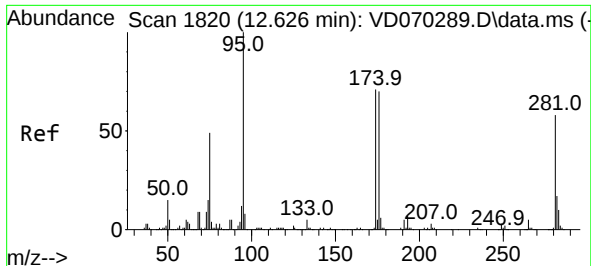
Tgt Ion:113 Resp: 163950
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.2
192 17.4 13.0 19.6



#50
Toluene-d8
Concen: 37.146 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 98 Resp: 485830
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

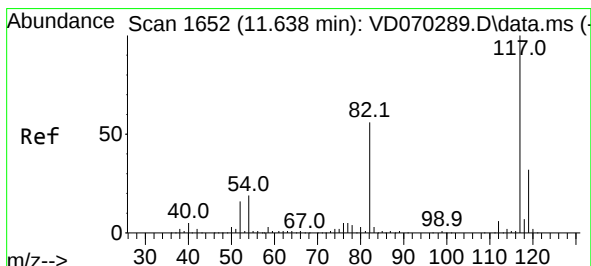
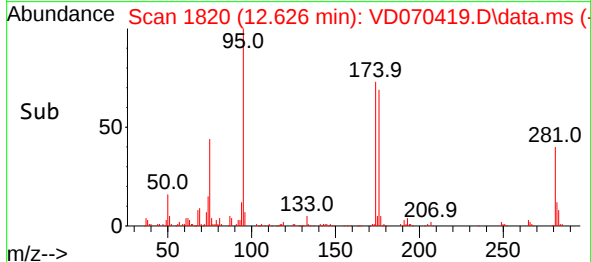
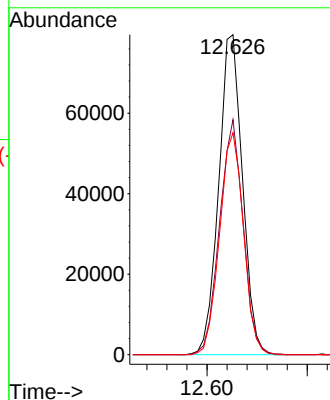
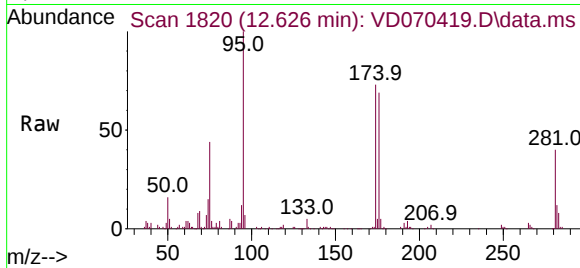




#62
4-Bromofluorobenzene
Concen: 28.568 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

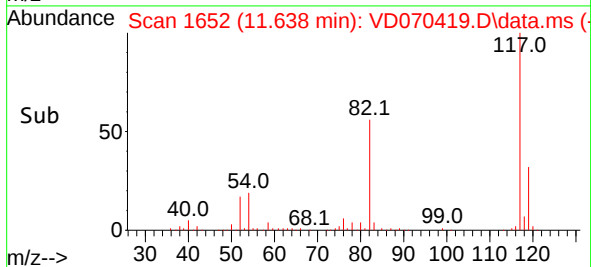
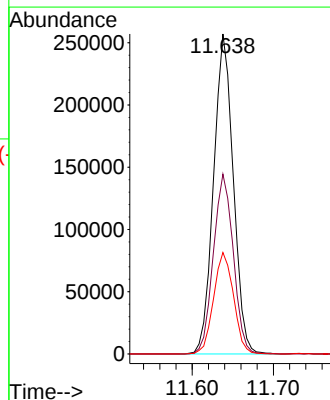
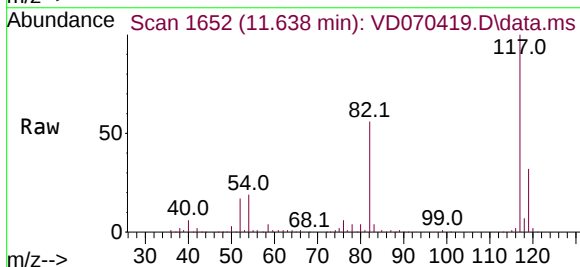
Instrument :
MSVOA_D
ClientSampleId :
PT-SOILRE

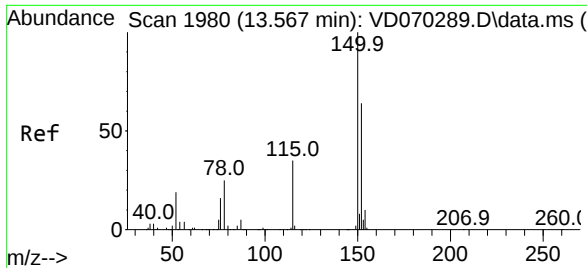
Tgt Ion: 95 Resp: 130584
Ion Ratio Lower Upper
95 100
174 72.9 0.0 140.6
176 69.6 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070419.D
Acq: 22 Sep 2021 11:40

Tgt Ion: 117 Resp: 433637
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.7 25.2 37.8

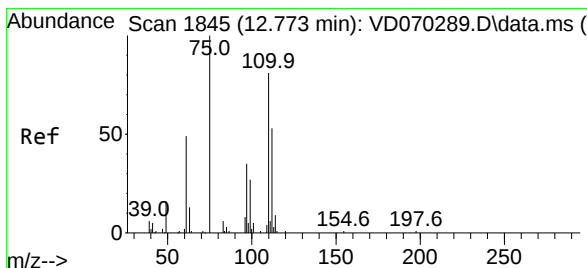
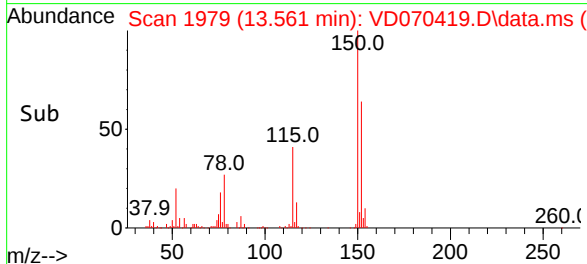
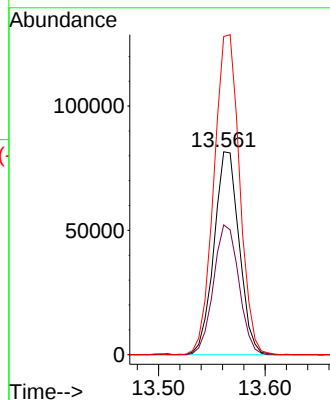
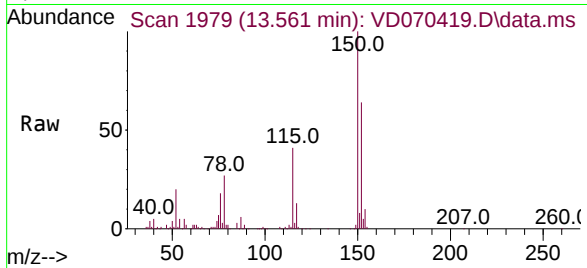




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070419.D
 Acq: 22 Sep 2021 11:40

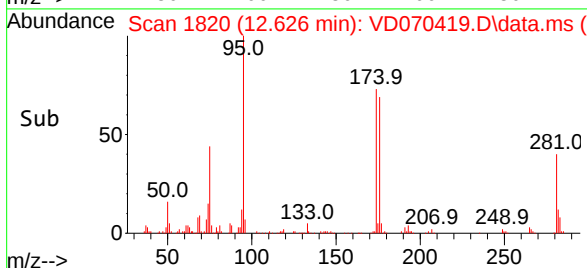
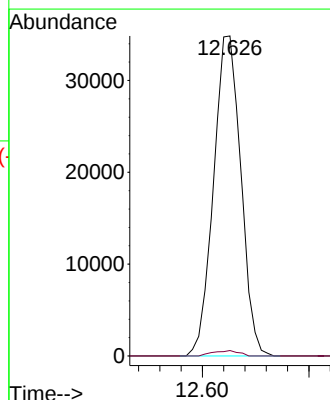
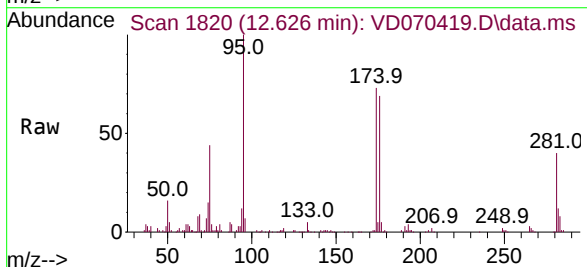
Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOILRE

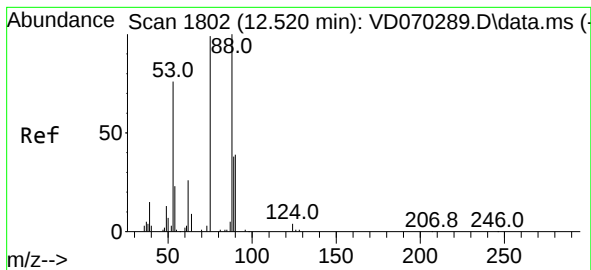
Tgt Ion:152 Resp: 133626
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.1 96.3
 150 161.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 45.875 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070419.D
 Acq: 22 Sep 2021 11:40

Tgt Ion: 75 Resp: 62007
 Ion Ratio Lower Upper
 75 100
 77 1.6 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.945 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070419.D
 Acq: 22 Sep 2021 11:40

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-SOILRE

Tgt Ion: 75 Resp: 62007
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.2 96.2#
 89 0.4 35.6 53.4#

