

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071205.D
 Acq On : 08 Dec 2021 15:03
 Operator : VA/SY
 Sample : M4959-10RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3SRE

Quant Time: Dec 09 10:16:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

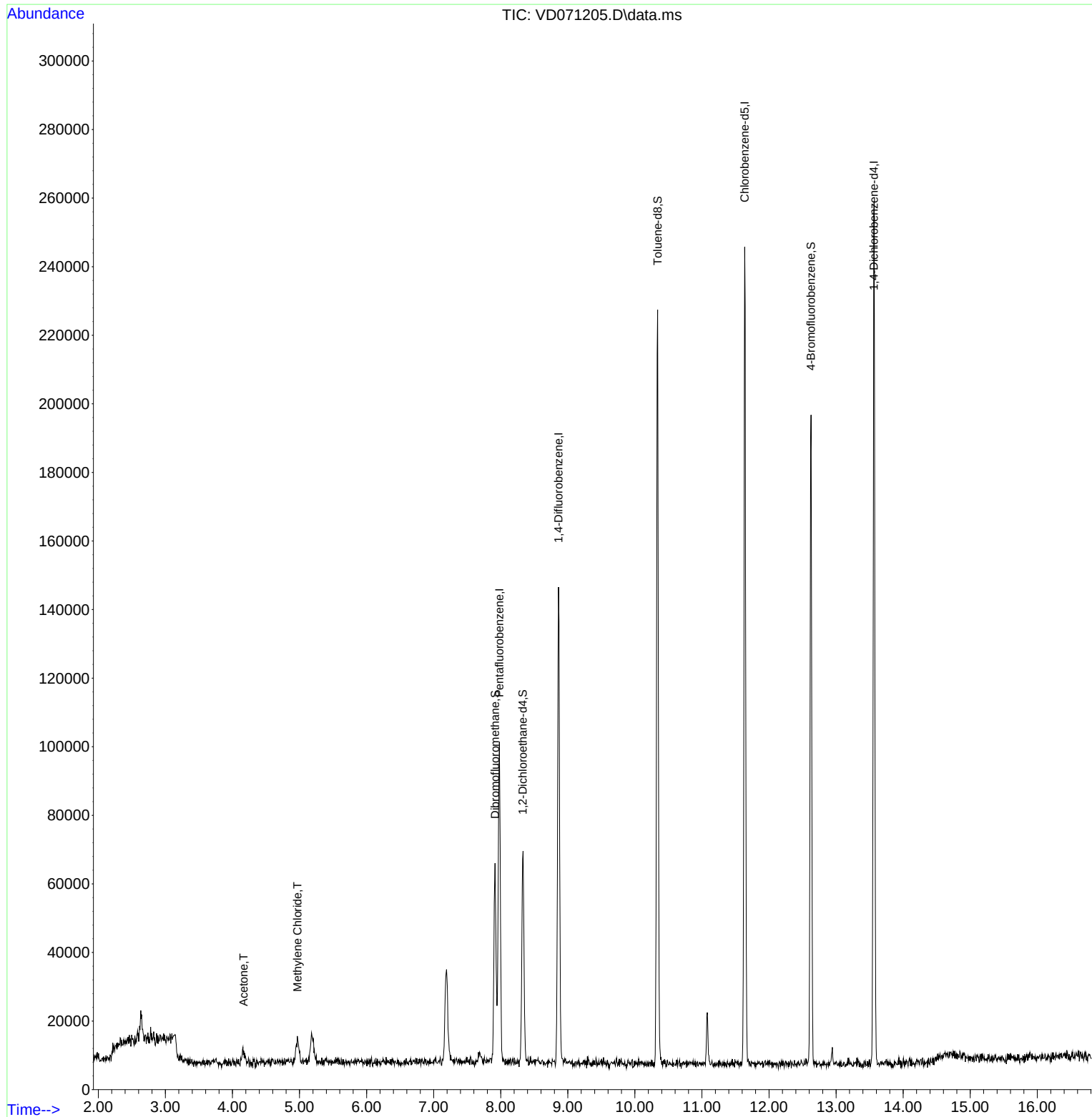
Internal Standards						
1) Pentafluorobenzene	7.979	168	62459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	106806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	125487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	63574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	48388	66.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.040%	
35) Dibromofluoromethane	7.914	113	37416	55.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.020%	
50) Toluene-d8	10.338	98	143187	55.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.626	95	60260	67.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.340%	
Target Compounds						Qvalue
16) Acetone	4.168	43	7381	64.052	ug/l #	83
20) Methylene Chloride	4.968	84	4473	2.042	ug/l #	88

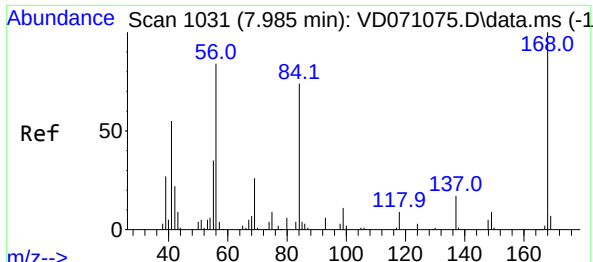
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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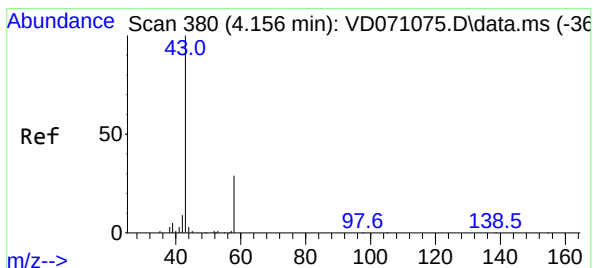
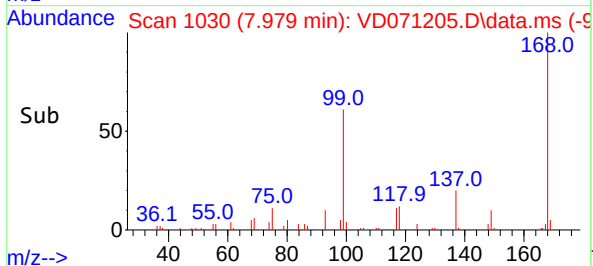
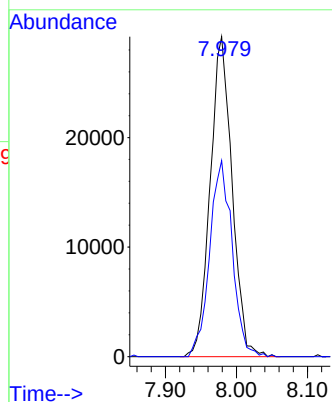
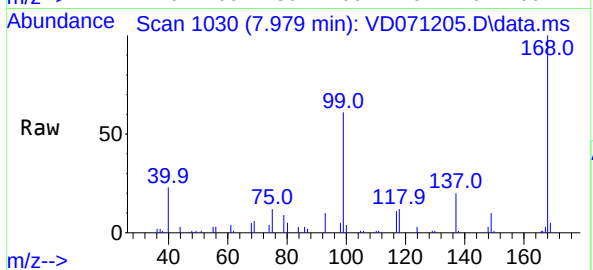




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

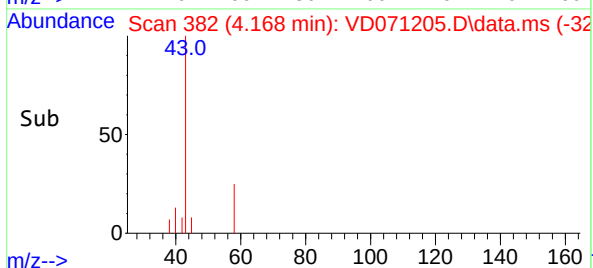
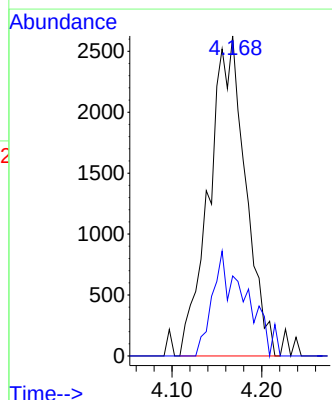
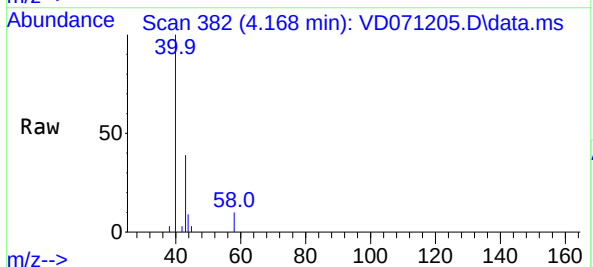
Instrument :
MSVOA_D
ClientSampleId :
TP-3SRE

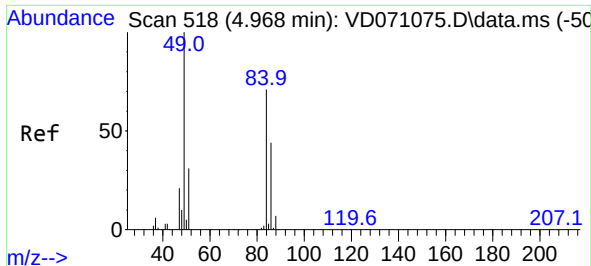
Tgt Ion:168 Resp: 62459
Ion Ratio Lower Upper
168 100
99 61.3 46.6 69.8



#16
Acetone
Concen: 64.052 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Tgt Ion: 43 Resp: 7381
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#

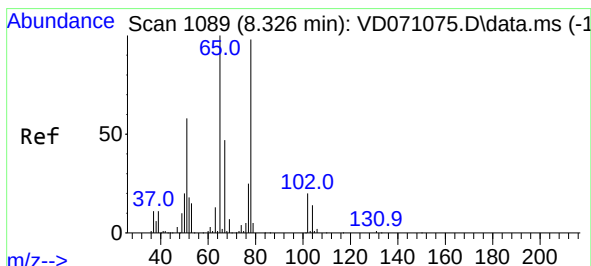
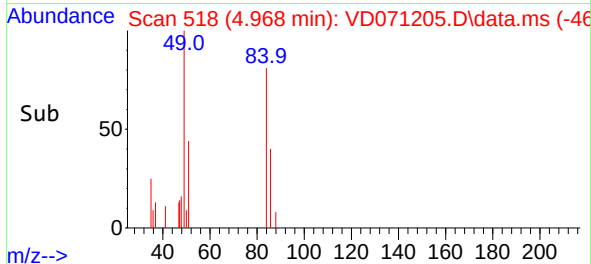
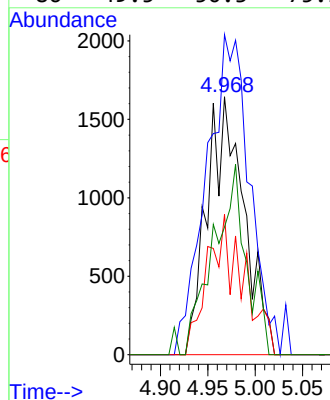
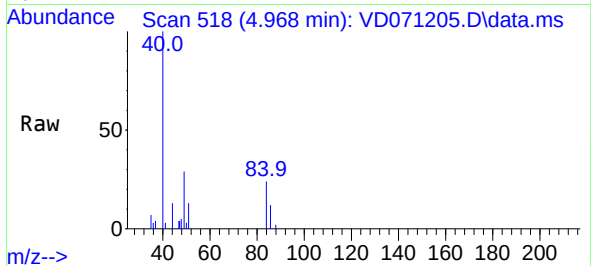




#20
Methylene Chloride
Concen: 2.042 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

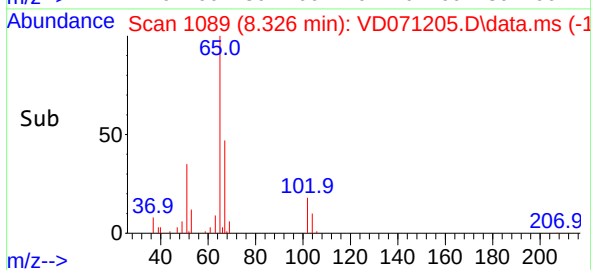
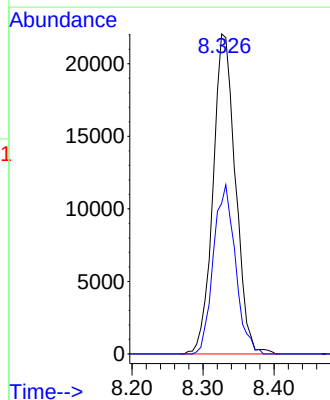
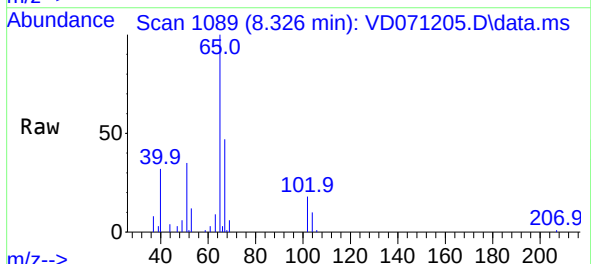
Instrument :
MSVOA_D
ClientSampleId :
TP-3SRE

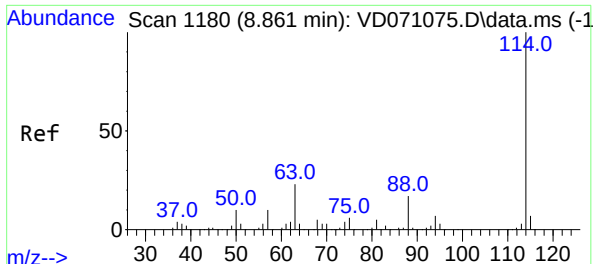
Tgt Ion: 84 Resp: 4473
Ion Ratio Lower Upper
84 100
49 124.1 95.8 143.6
51 54.4 30.9 46.3#
86 49.5 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 66.024 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Tgt Ion: 65 Resp: 48388
Ion Ratio Lower Upper
65 100
67 51.7 0.0 112.2

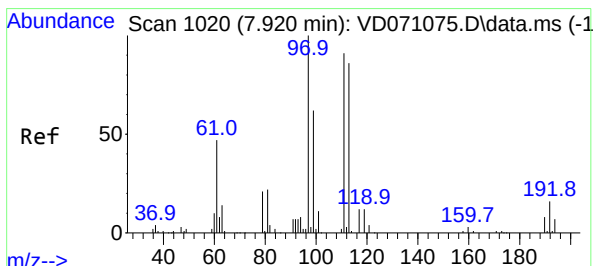
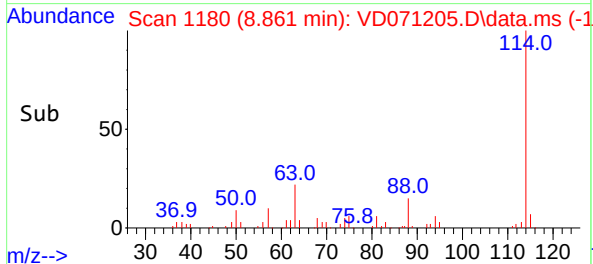
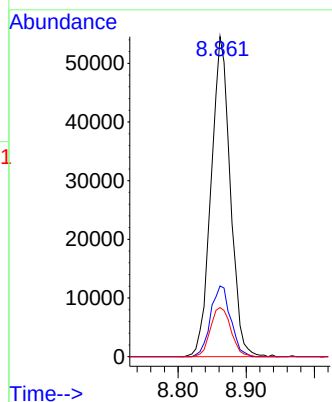
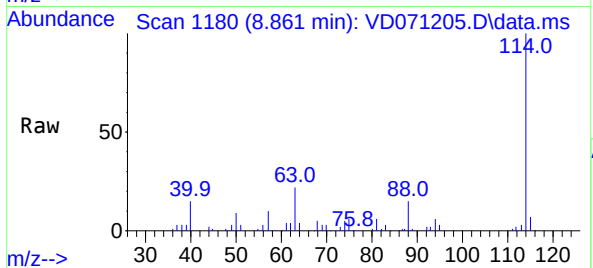




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

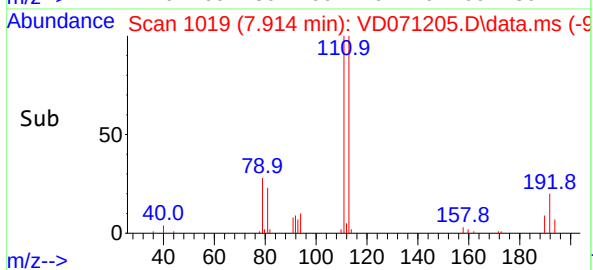
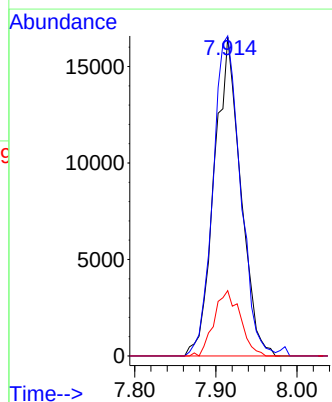
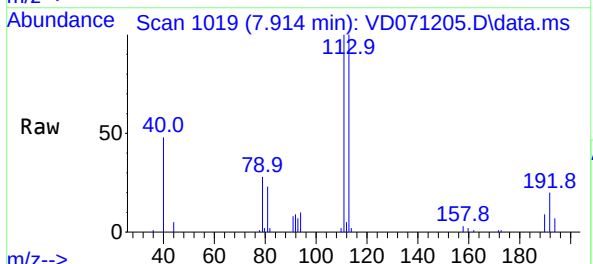
Instrument :
MSVOA_D
ClientSampleId :
TP-3SRE

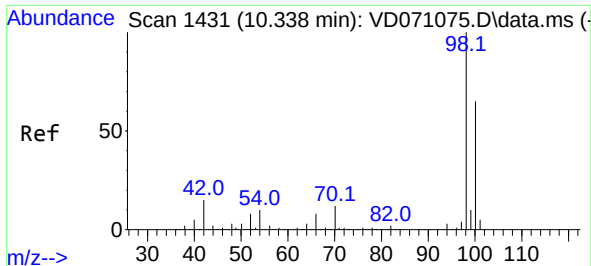
Tgt Ion:114 Resp: 106806
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.013 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Tgt Ion:113 Resp: 37416
Ion Ratio Lower Upper
113 100
111 104.3 82.0 123.0
192 20.3 15.2 22.8

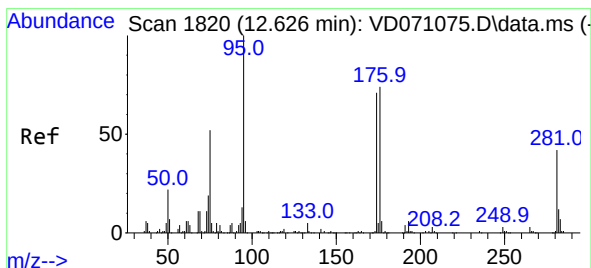
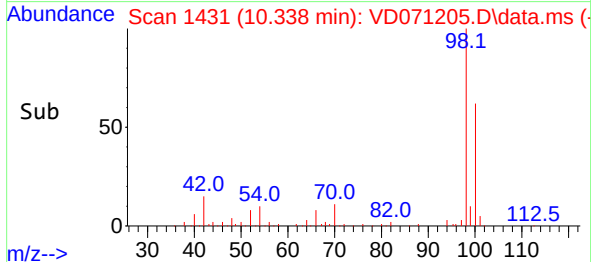
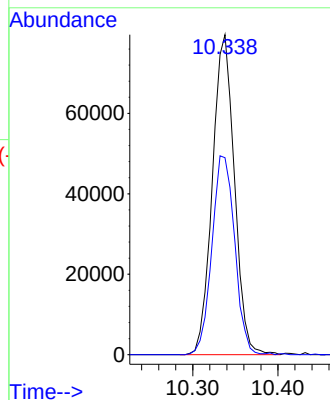
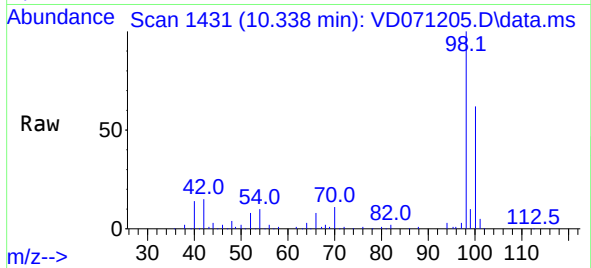




#50
Toluene-d8
Concen: 55.322 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

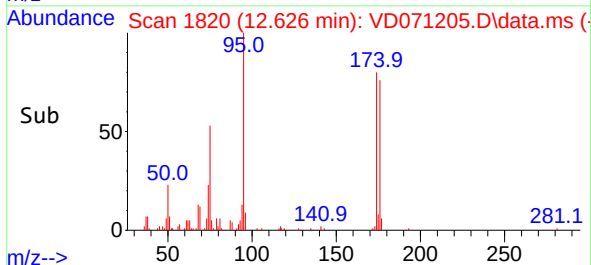
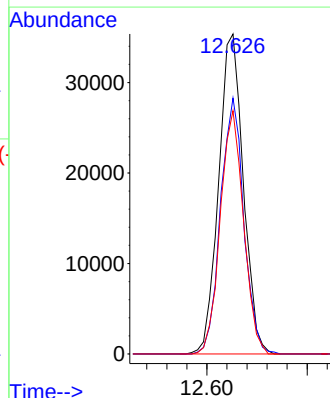
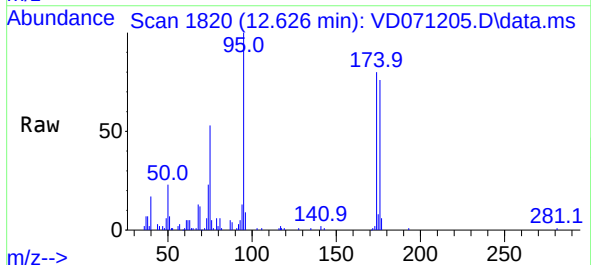
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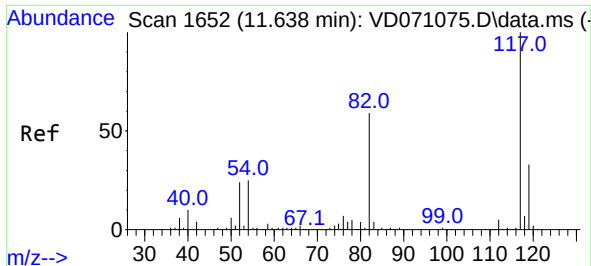
Tgt Ion: 98 Resp: 143187
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.166 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Tgt Ion: 95 Resp: 60260
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 71.6 0.0 154.0



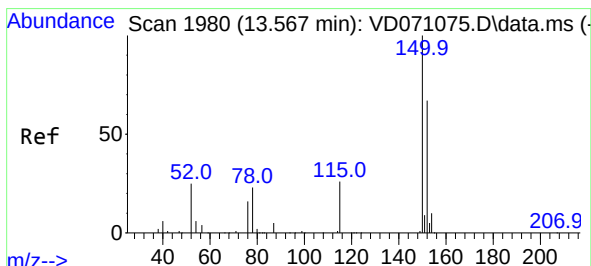
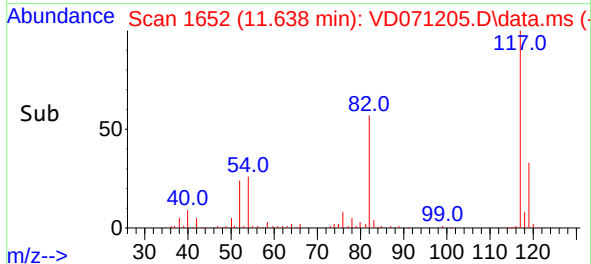
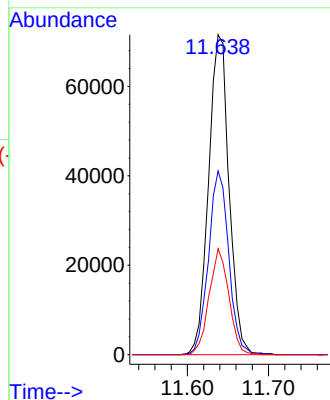
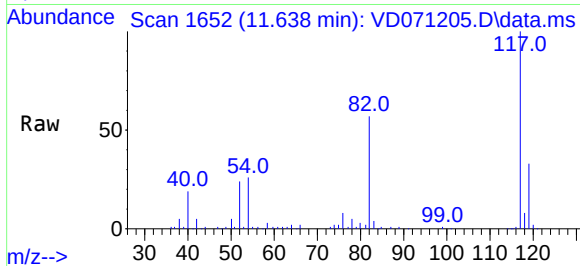


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Instrument :
MSVOA_D
ClientSampleId :
TP-3SRE

Tgt Ion:117 Resp: 125487

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.7	67.1
119	33.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071205.D
Acq: 08 Dec 2021 15:03

Tgt Ion:152 Resp: 63574

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.8	89.3
150	154.3	0.0	349.2

