

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073362.D
 Acq On : 25 May 2022 15:56
 Operator : VA/SY
 Sample : N2842-23
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-0612-01

Quant Time: May 26 02:25:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

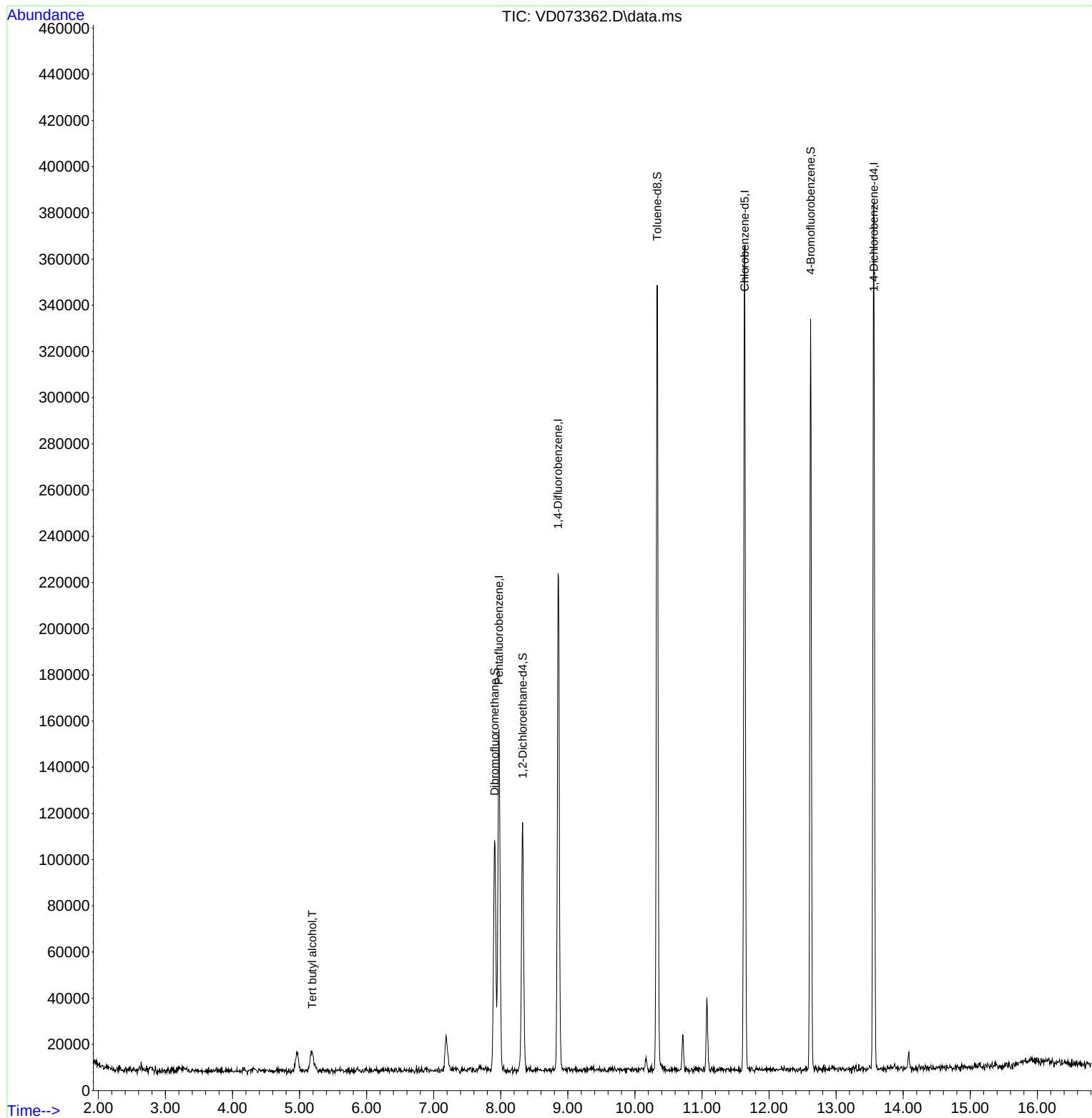
Internal Standards						
1) Pentafluorobenzene	7.973	168	107029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	187772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	214544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	84481	71.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.840%	
35) Dibromofluoromethane	7.908	113	74202	59.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.780%	
50) Toluene-d8	10.332	98	233691	51.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.620	95	96465	60.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.360%	
Target Compounds						
11) Tert butyl alcohol	5.191	59	11219	61.134	ug/l	Qvalue # 79

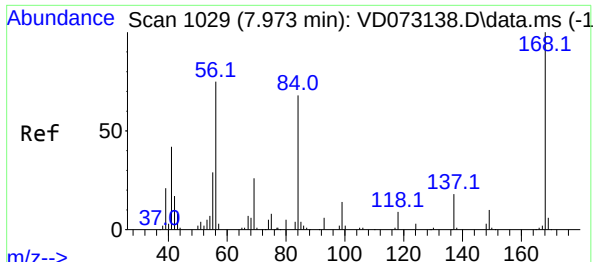
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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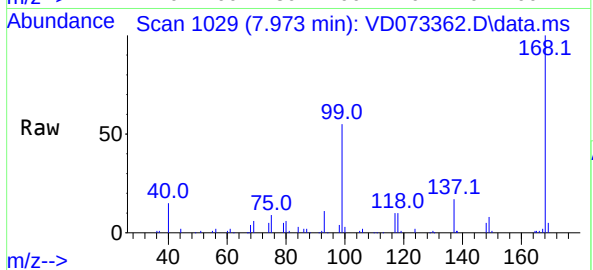
Quant Time: May 26 02:25:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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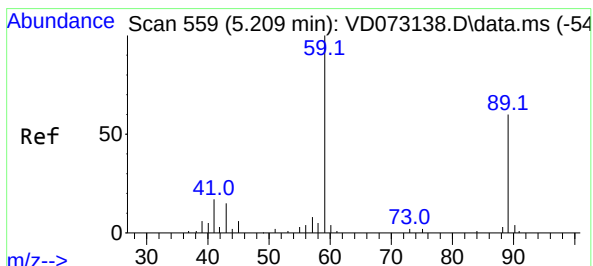
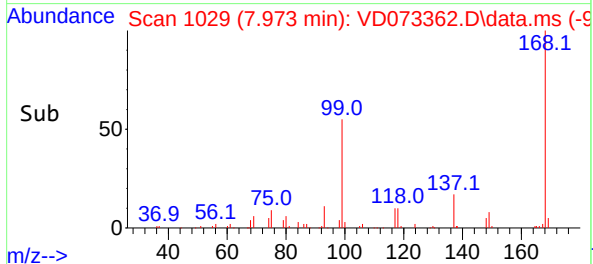
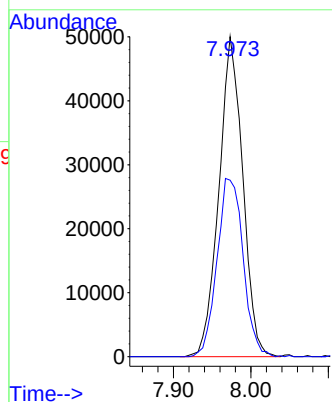


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01

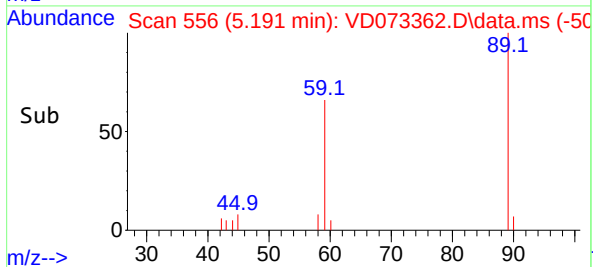
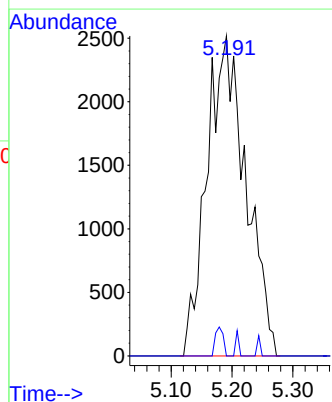
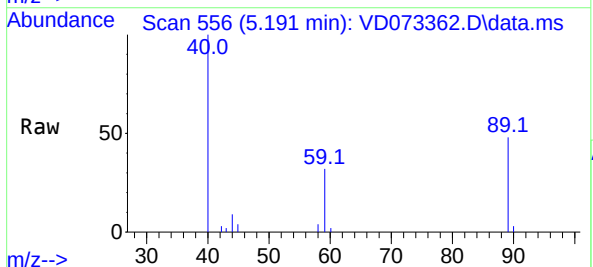


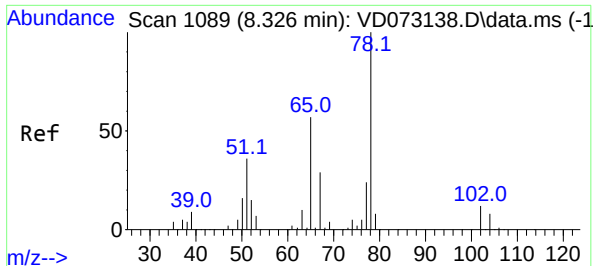
Tgt Ion:168 Resp: 107029
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#11
Tert butyl alcohol
Concen: 61.134 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

Tgt Ion: 59 Resp: 11219
Ion Ratio Lower Upper
59 100
57 1.8 7.8 11.6#

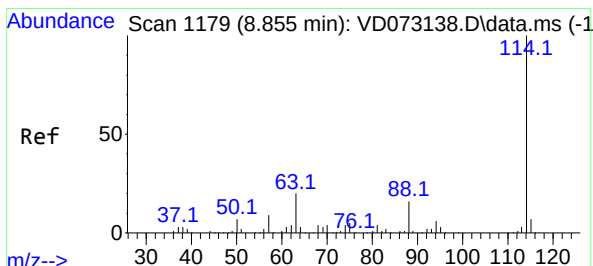
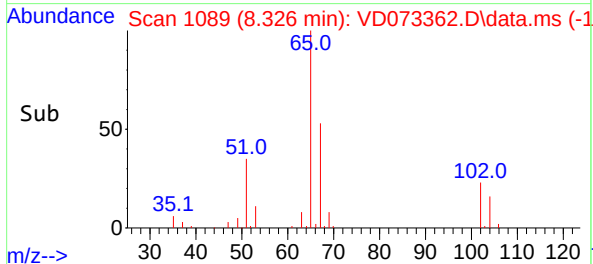
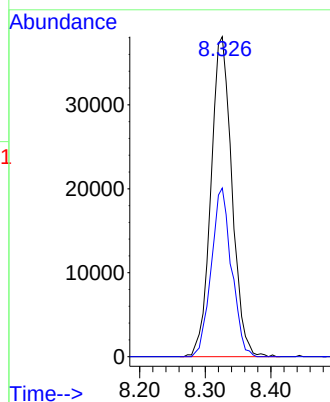
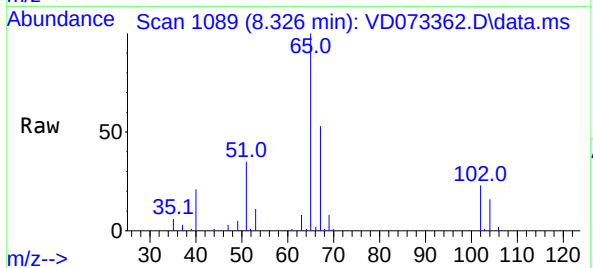




#33
1,2-Dichloroethane-d4
Concen: 71.423 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

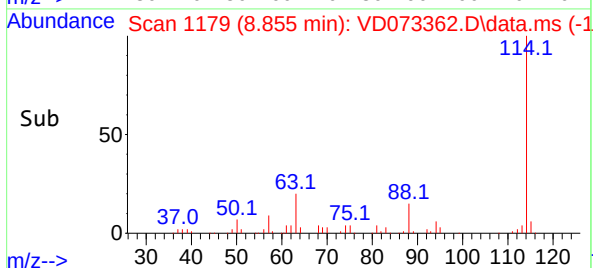
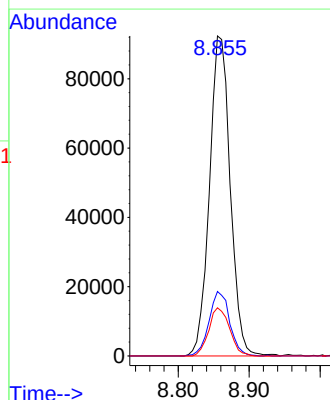
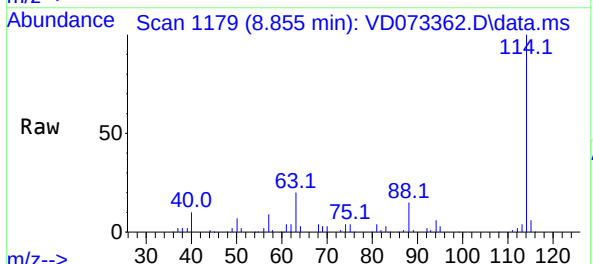
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01

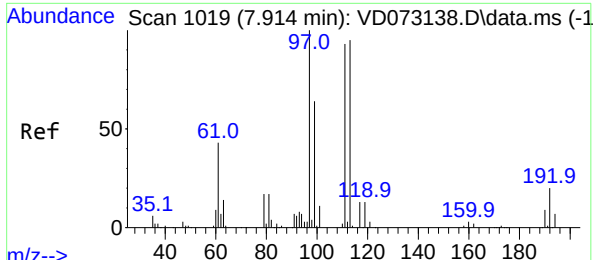
Tgt Ion: 65 Resp: 84481
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

Tgt Ion: 114 Resp: 187772
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 15.0 0.0 33.2

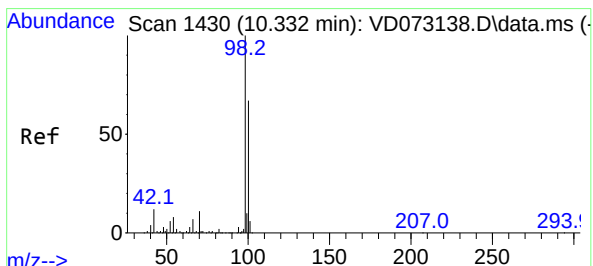
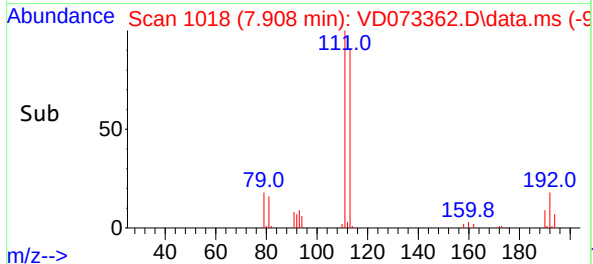
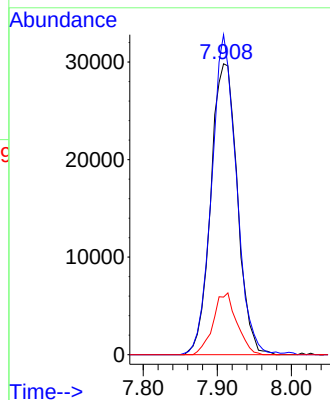
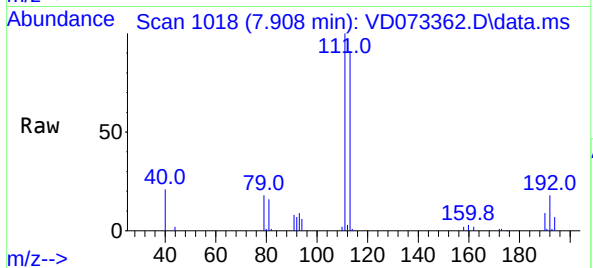




#35
Dibromofluoromethane
Concen: 59.886 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

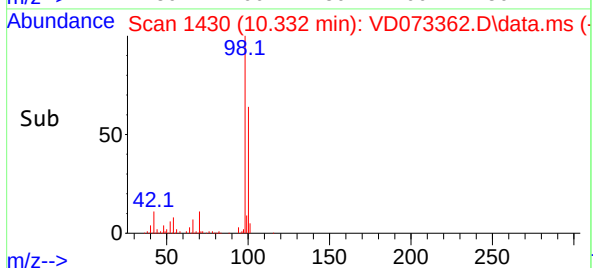
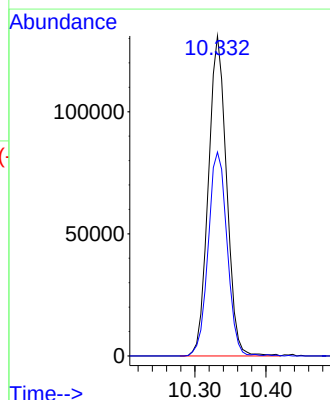
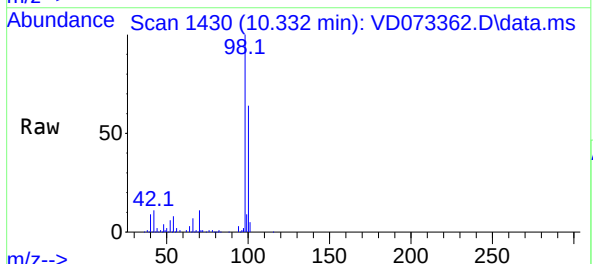
Instrument :
MSVOA_D
ClientSampleId :
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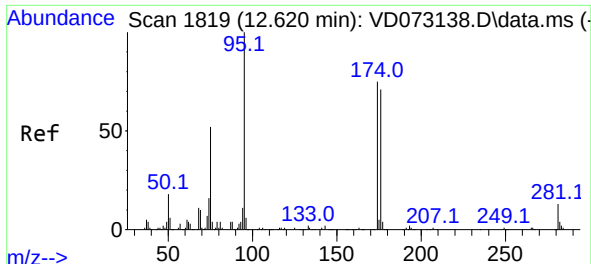
Tgt Ion:113	Resp:	74202
Ion	Ratio	Lower Upper
113	100	
111	102.6	83.8 125.6
192	18.9	14.6 21.8



#50
Toluene-d8
Concen: 51.165 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

Tgt Ion: 98	Resp:	233691
Ion	Ratio	Lower Upper
98	100	
100	65.9	52.4 78.6

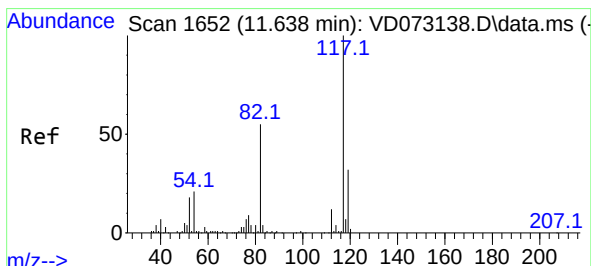
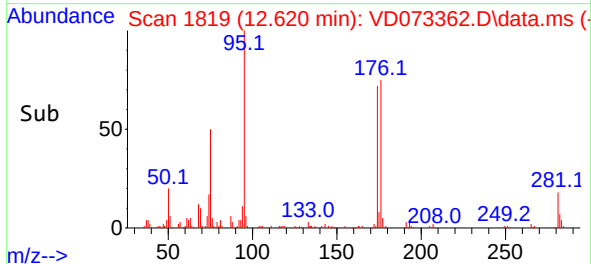
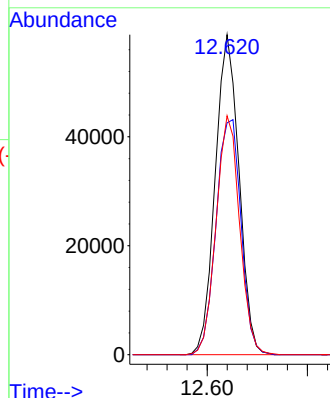
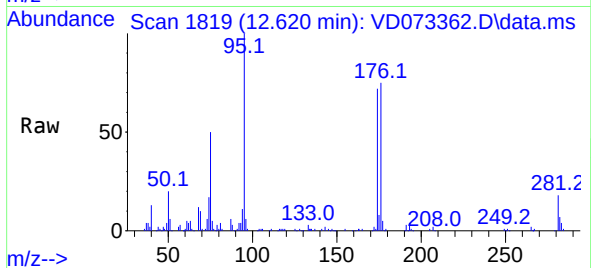




#62
4-Bromofluorobenzene
Concen: 60.182 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

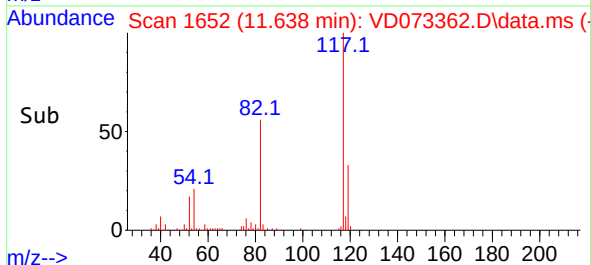
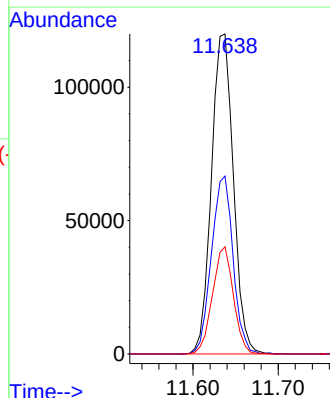
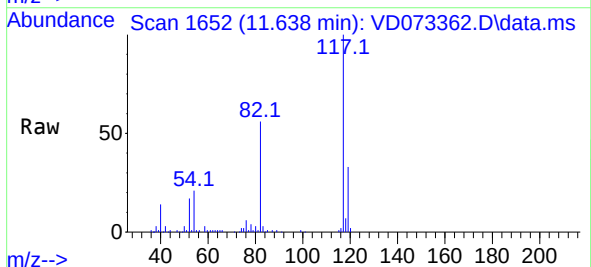
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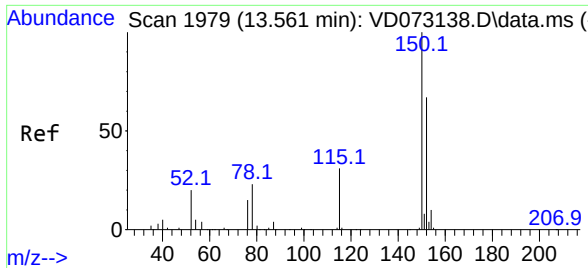
Tgt Ion:	95	Resp:	96465
Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	152.8
176	74.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073362.D
Acq: 25 May 2022 15:56

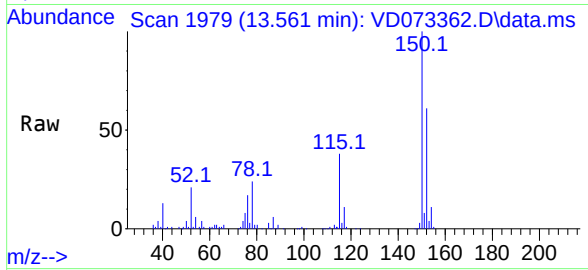
Tgt Ion:	117	Resp:	214544
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	33.5	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073362.D
 Acq: 25 May 2022 15:56

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-0612-01



Tgt Ion:152 Resp: 101356

Ion	Ratio	Lower	Upper
152	100		
115	59.0	31.3	93.8
150	157.2	0.0	348.6

