

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072636.D
 Acq On : 19 Apr 2022 20:36
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 20 05:05:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

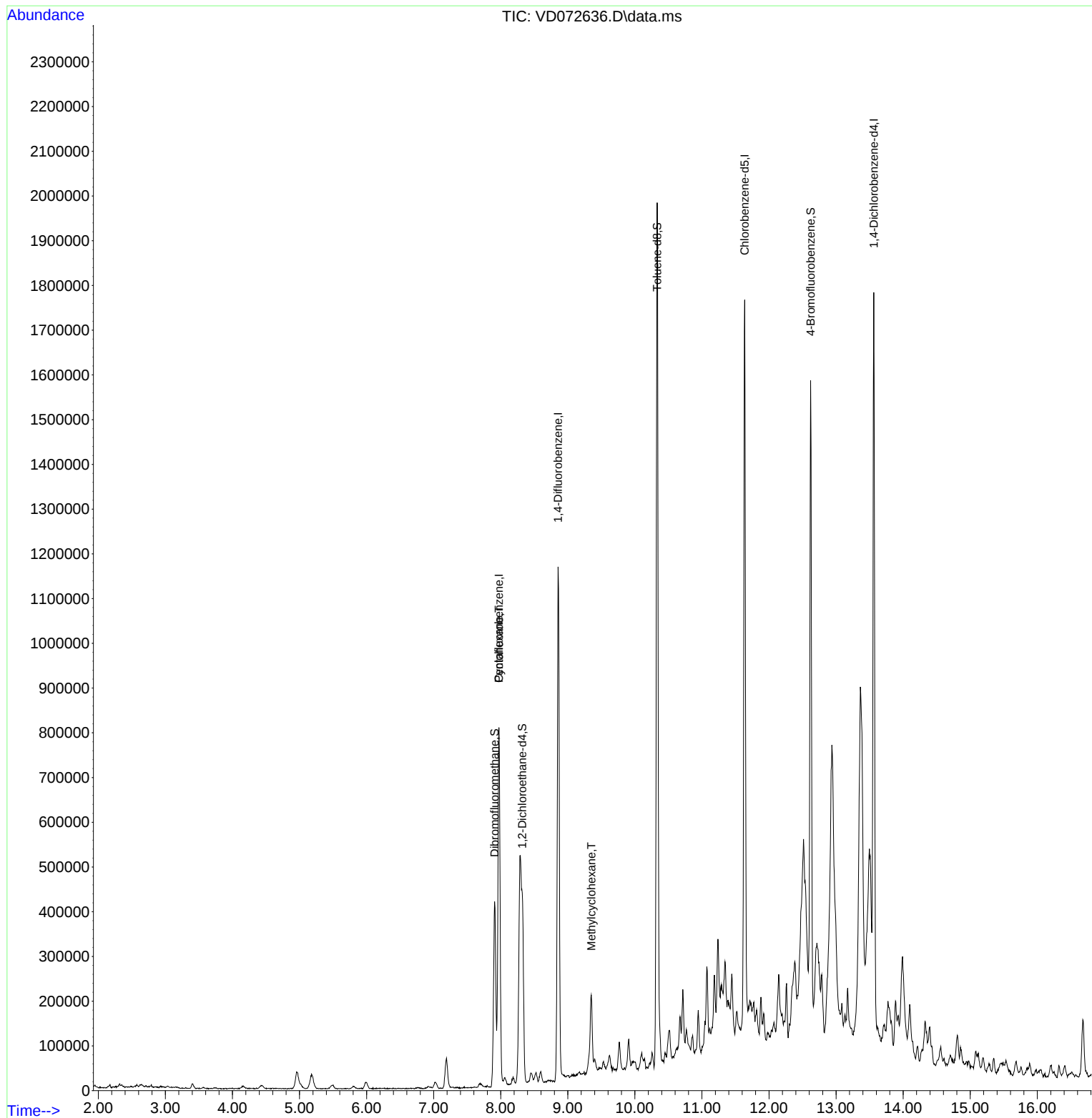
Internal Standards						
1) Pentafluorobenzene	7.973	168	567875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	1010656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	961081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	447877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	286112	41.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.300%
35) Dibromofluoromethane	7.908	113	300209	38.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.440%
50) Toluene-d8	10.332	98	1243570	45.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.620	95	443444	41.589	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.180%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	23166	2.579	ug/l #	10
39) Methylcyclohexane	9.350	83	72478	8.720	ug/l	97

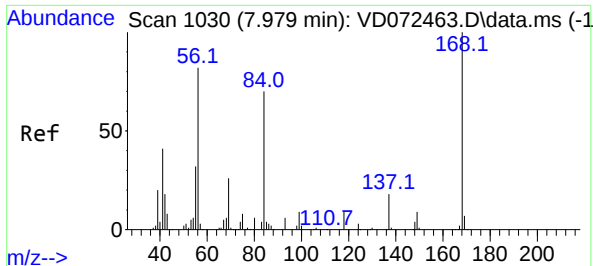
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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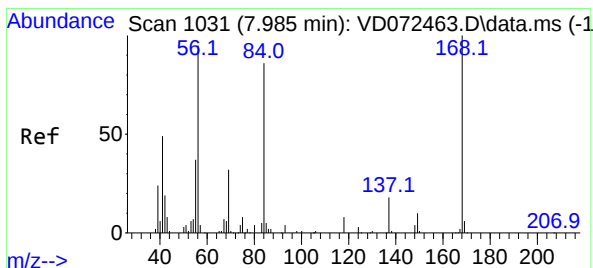
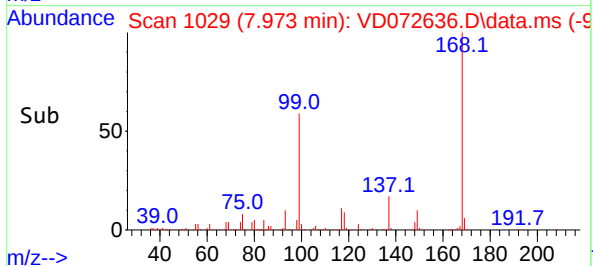
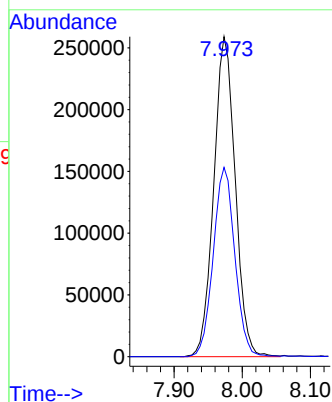
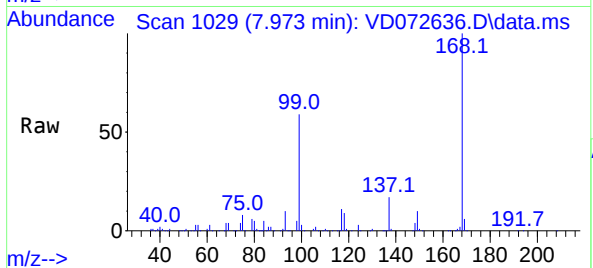




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

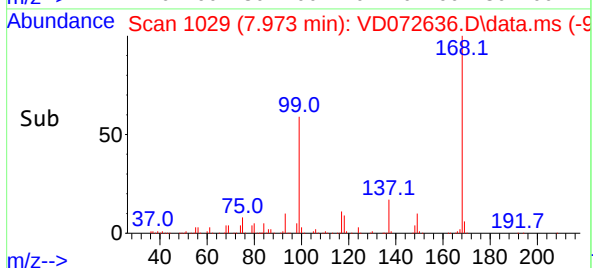
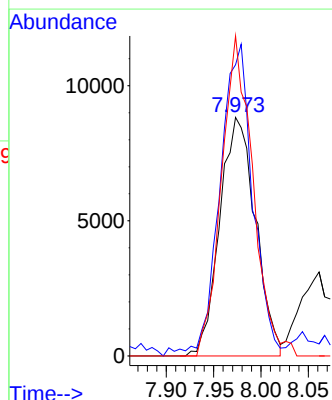
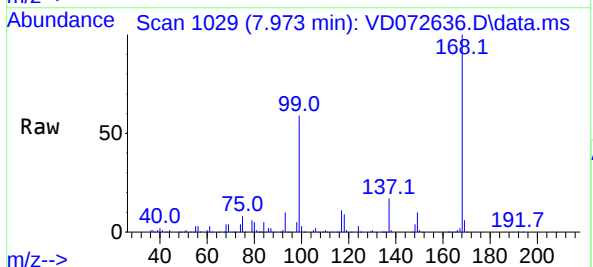
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

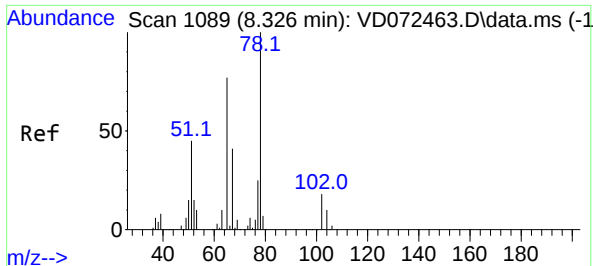
Tgt Ion:168 Resp: 567875
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#31
Cyclohexane
Concen: 2.579 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Tgt Ion: 56 Resp: 23166
Ion Ratio Lower Upper
56 100
69 119.1 25.4 38.2#
84 134.1 63.0 94.4#

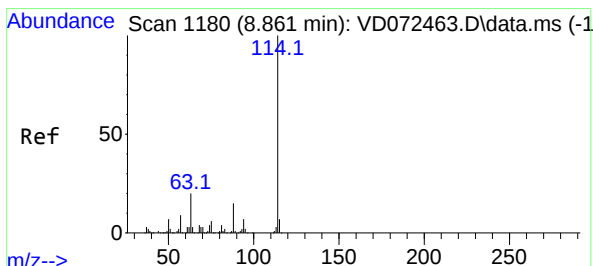
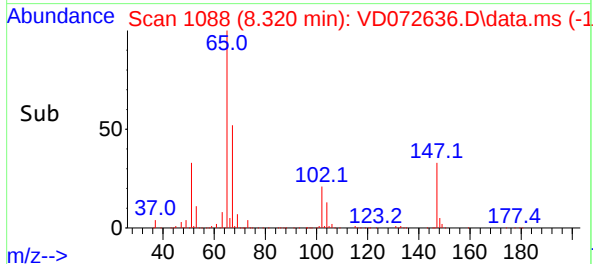
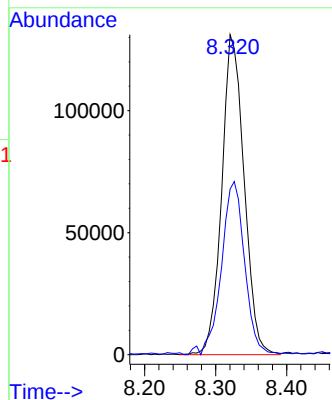
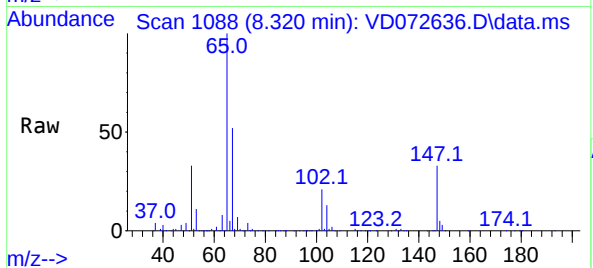




#33
1,2-Dichloroethane-d4
Concen: 41.649 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

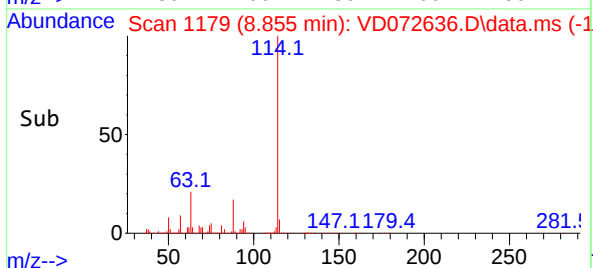
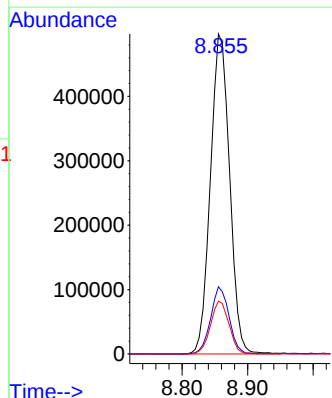
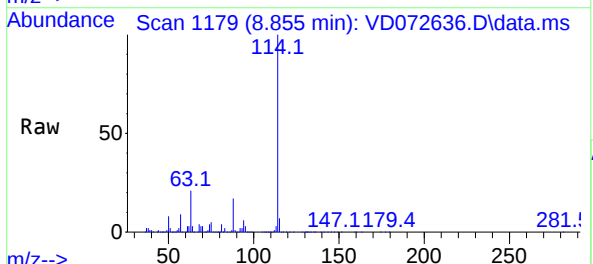
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

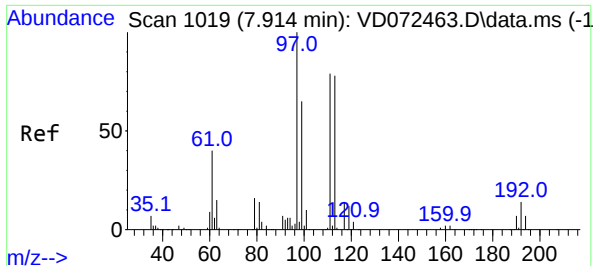
Tgt Ion: 65 Resp: 286112
Ion Ratio Lower Upper
65 100
67 56.6 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Tgt Ion:114 Resp: 1010656
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 16.5 0.0 33.2

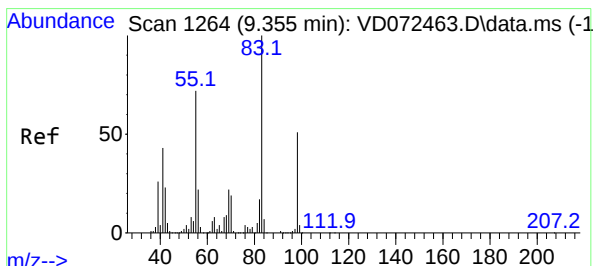
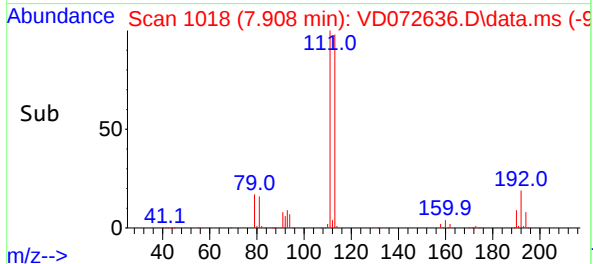
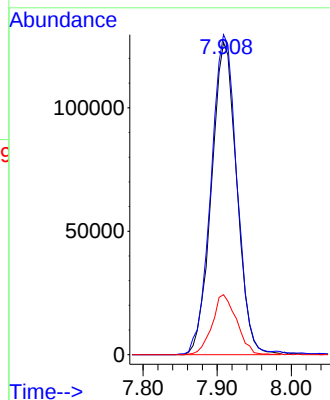
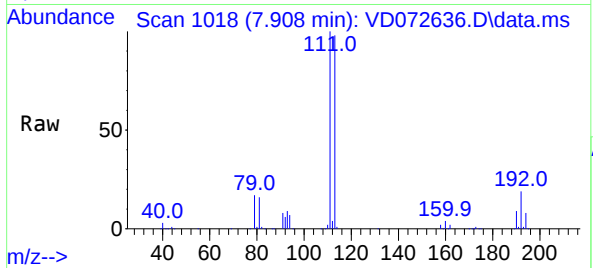




#35
Dibromofluoromethane
Concen: 38.223 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

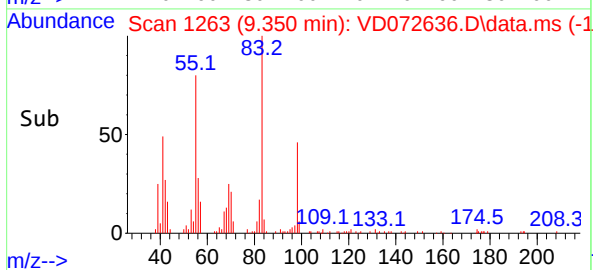
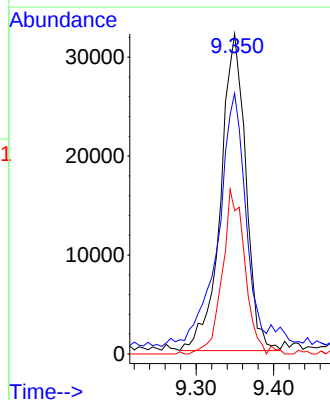
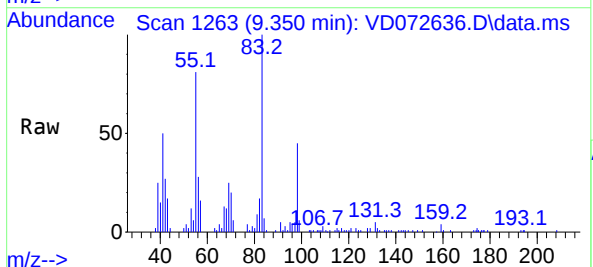
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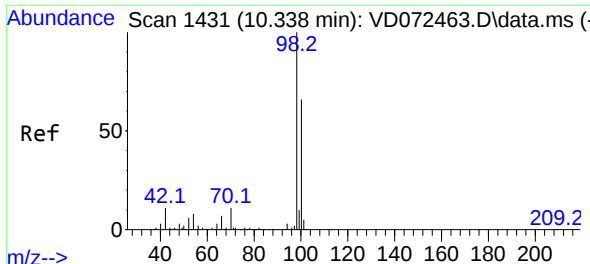
Tgt Ion:113 Resp: 300209
Ion Ratio Lower Upper
113 100
111 105.4 83.8 125.6
192 18.6 14.6 21.8



#39
Methylcyclohexane
Concen: 8.720 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Tgt Ion: 83 Resp: 72478
Ion Ratio Lower Upper
83 100
55 77.8 63.2 94.8
98 44.6 38.2 57.4

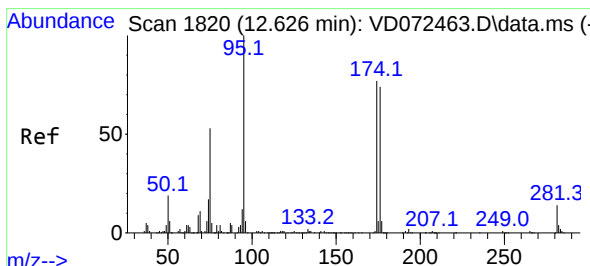
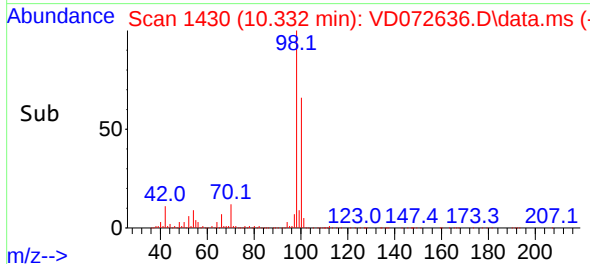
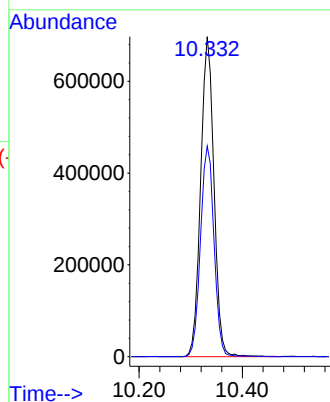
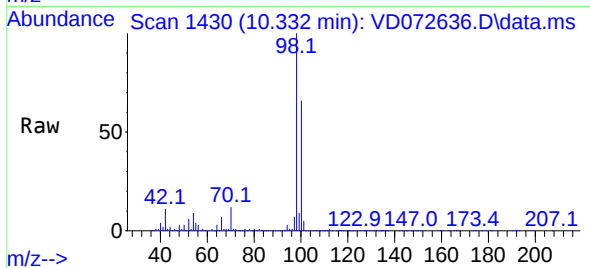




#50
Toluene-d8
Concen: 45.549 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

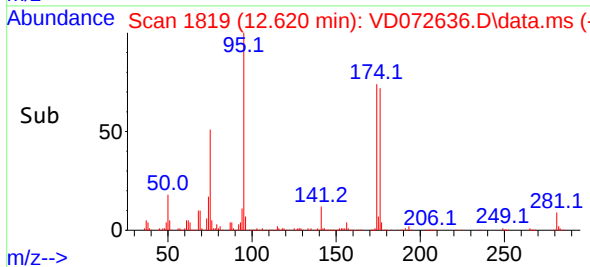
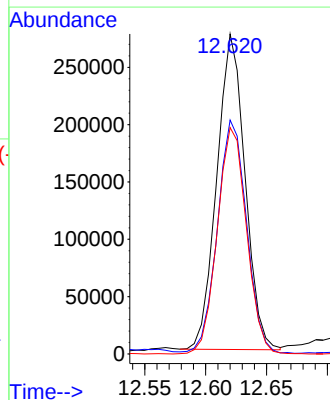
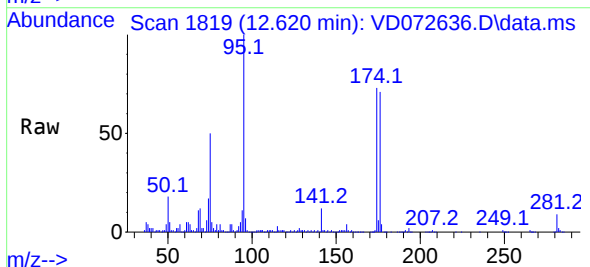
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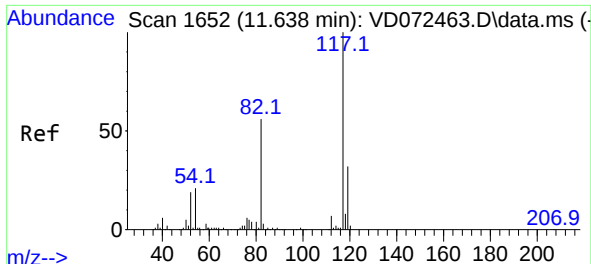
Tgt Ion: 98 Resp: 1243570
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.589 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Tgt Ion: 95 Resp: 443444
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.4 0.0 145.4



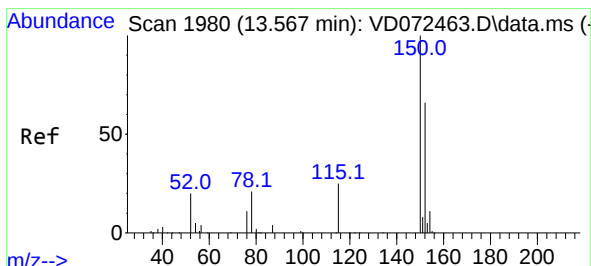
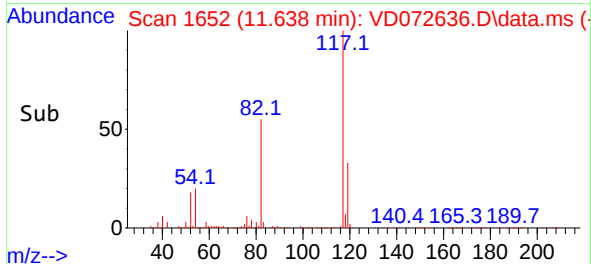
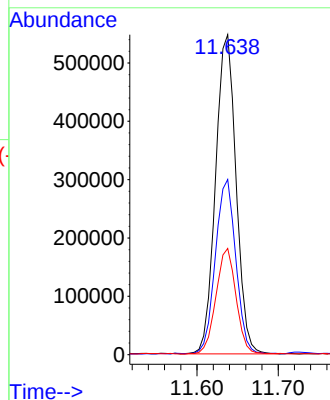
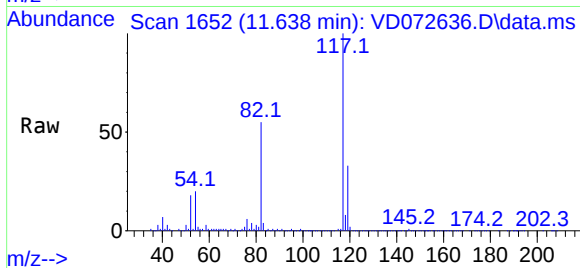


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 961081

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.3	67.9
119	33.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072636.D
Acq: 19 Apr 2022 20:36

Tgt Ion:152 Resp: 447877

Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.3	93.8
150	155.1	0.0	348.6

