

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072670.D
 Acq On : 21 Apr 2022 14:52
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 22 03:40:56 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)

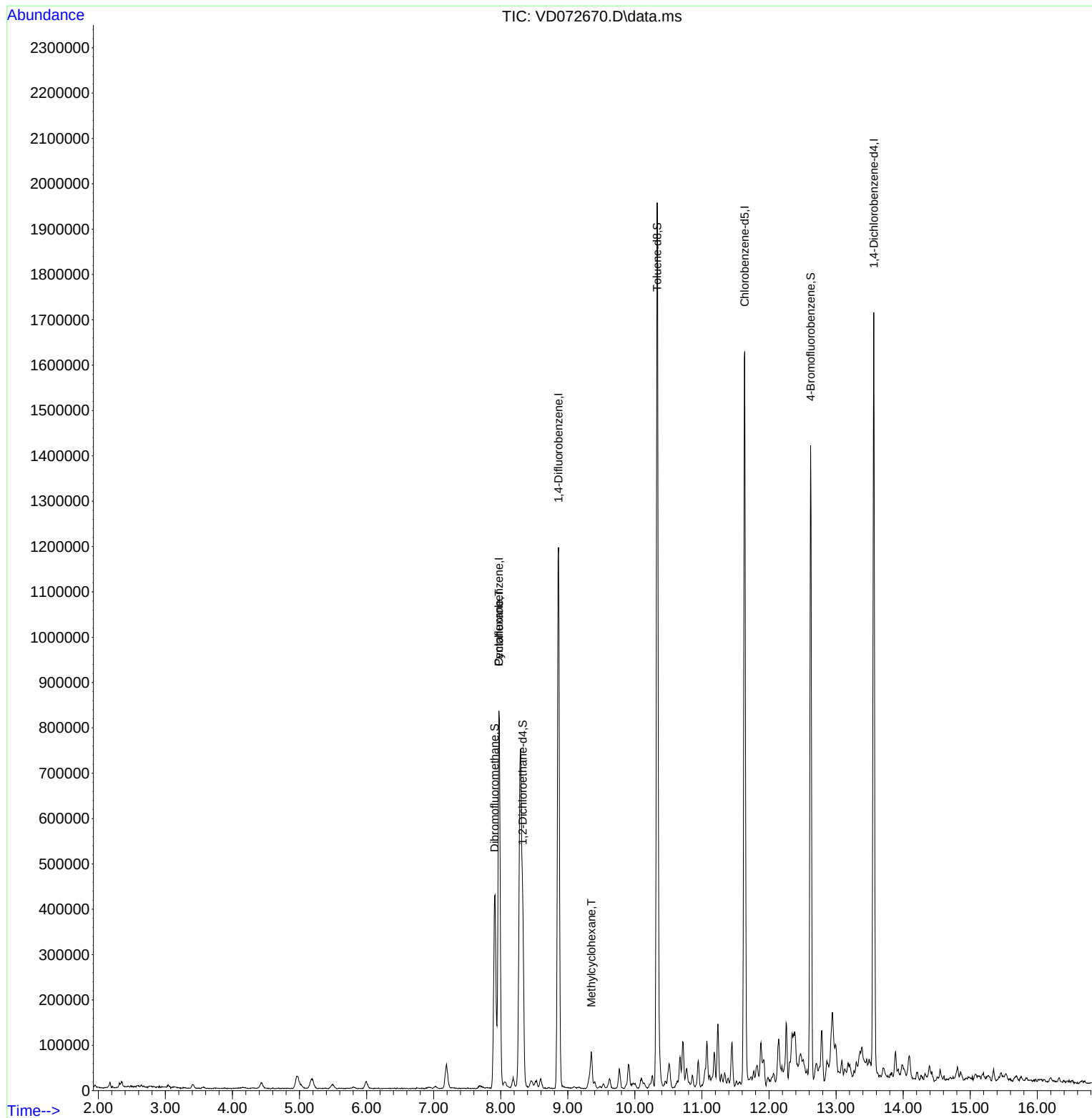
Internal Standards						
1) Pentafluorobenzene	7.973	168	599641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1059727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	973786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	438411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289884	39.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.920%
35) Dibromofluoromethane	7.908	113	316055	38.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.760%
50) Toluene-d8	10.332	98	1271393	44.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.620	95	451831	40.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.820%
Target Compounds						Qvalue
31) Cyclohexane	7.973	56	17152	1.808	ug/l #	3
39) Methylcyclohexane	9.350	83	30313	5.208	ug/l #	86

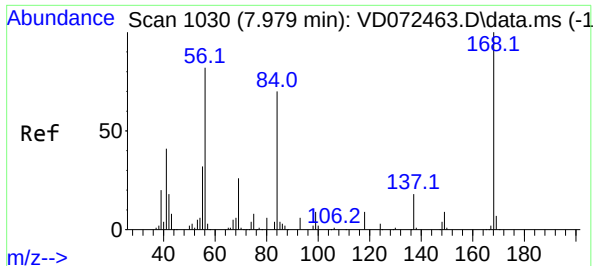
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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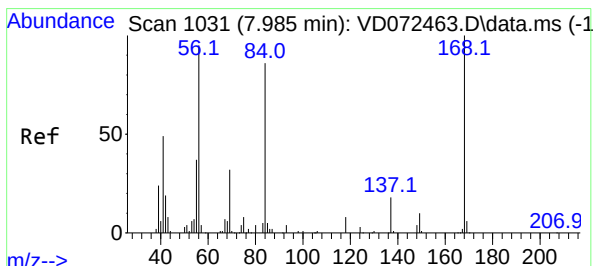
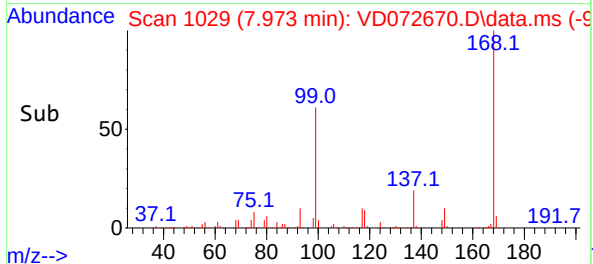
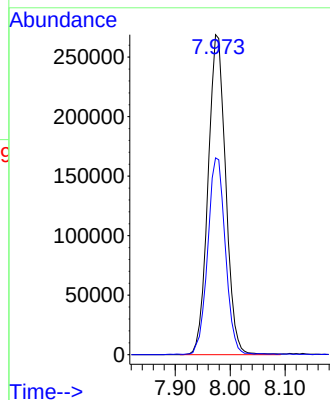
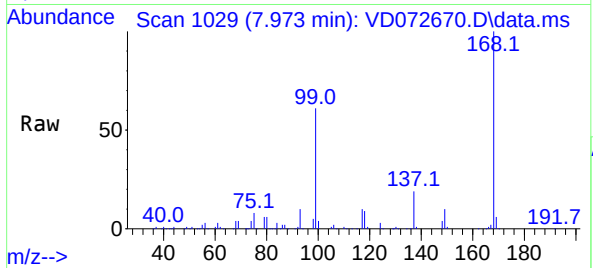




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

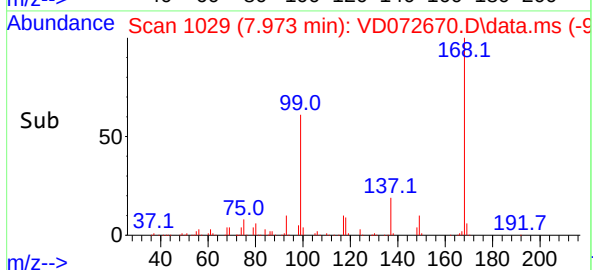
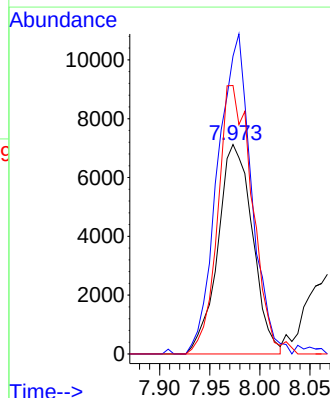
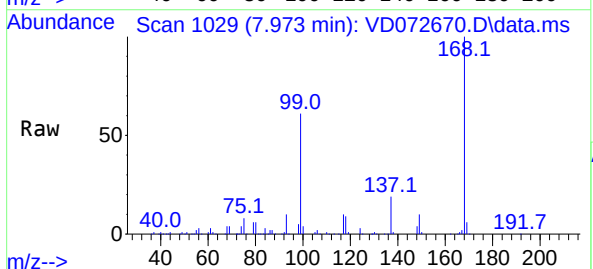
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

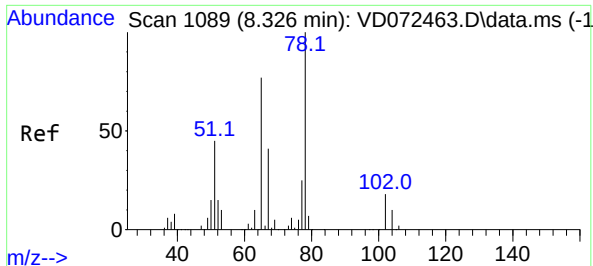
Tgt Ion:168 Resp: 599641
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#31
Cyclohexane
Concen: 1.808 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

Tgt Ion: 56 Resp: 17152
Ion Ratio Lower Upper
56 100
69 142.2 25.4 38.2#
84 128.2 63.0 94.4#

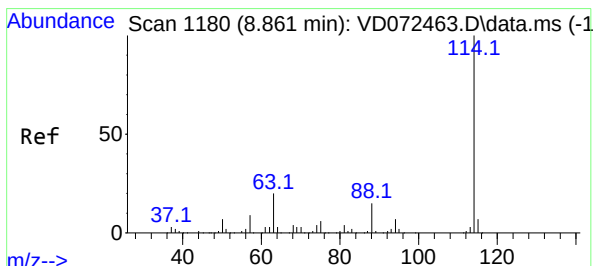
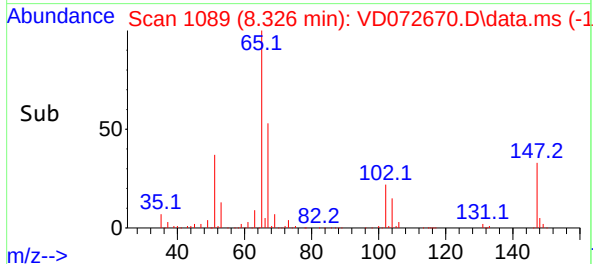
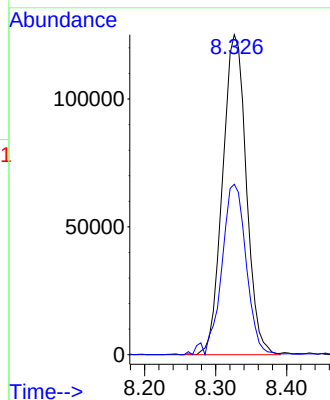
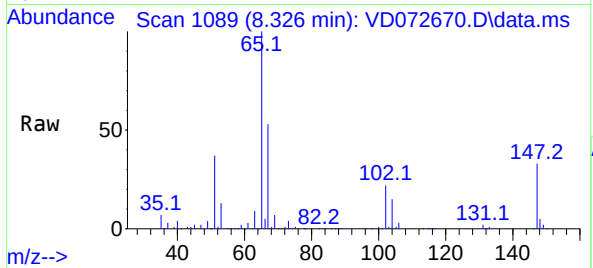




#33
1,2-Dichloroethane-d4
Concen: 39.963 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

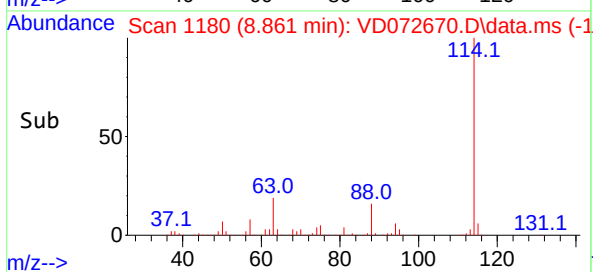
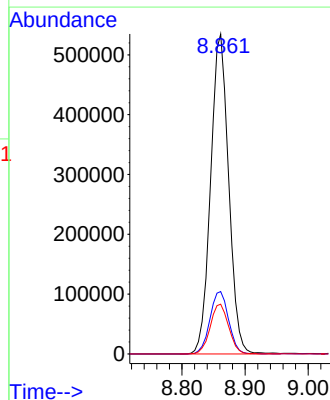
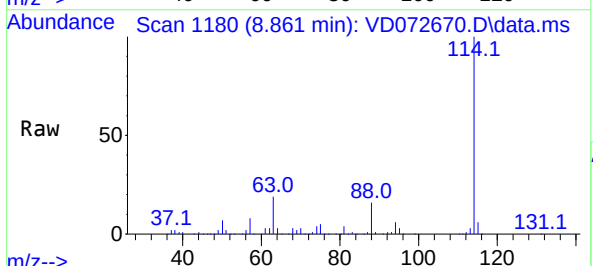
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

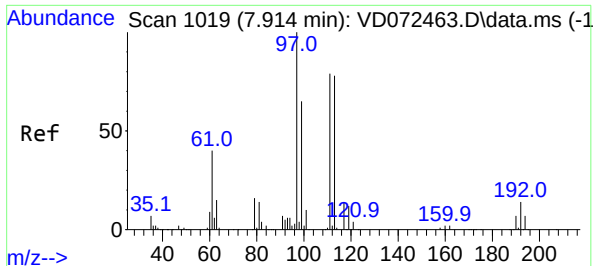
Tgt Ion: 65 Resp: 289884
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

Tgt Ion:114 Resp: 1059727
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.5 0.0 33.2

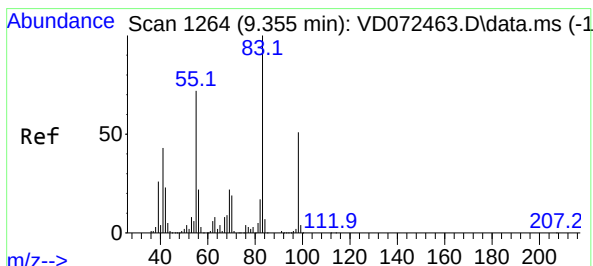
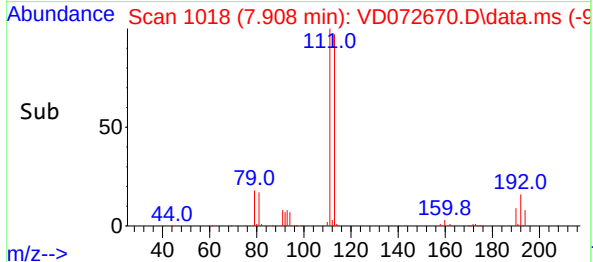
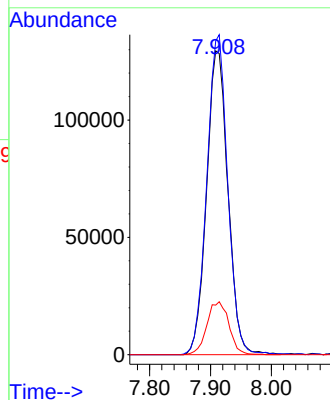
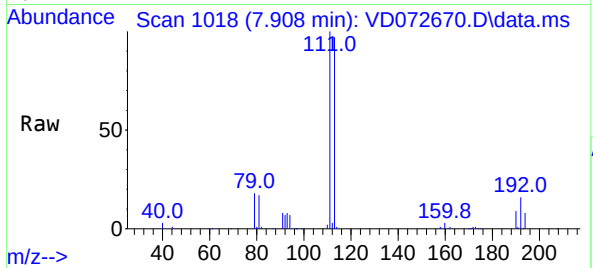




#35
Dibromofluoromethane
Concen: 38.377 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

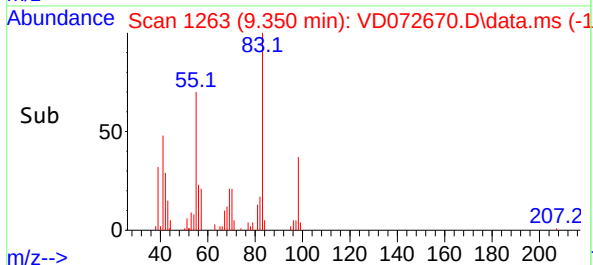
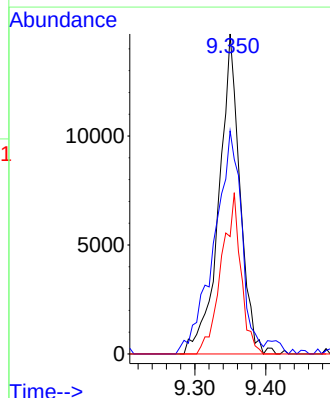
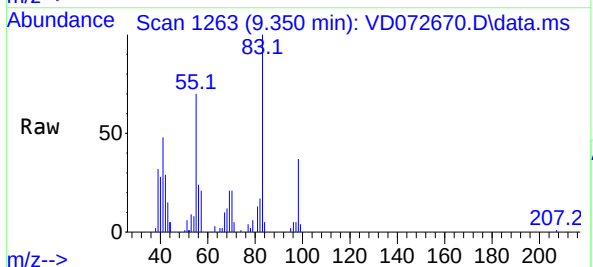
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

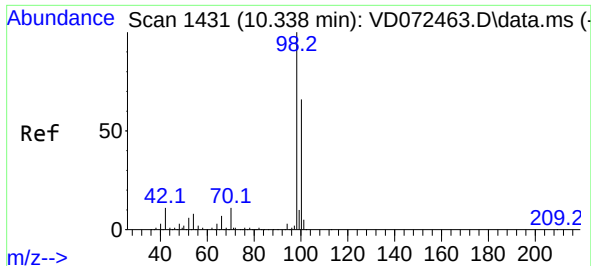
Tgt Ion:113 Resp: 316055
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 18.0 14.6 21.8



#39
Methylcyclohexane
Concen: 5.208 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

Tgt Ion: 83 Resp: 30313
Ion Ratio Lower Upper
83 100
55 67.7 63.2 94.8
98 36.7 38.2 57.4#

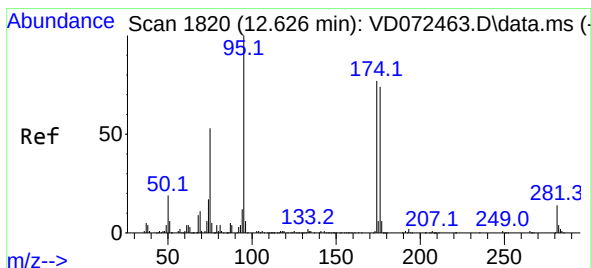
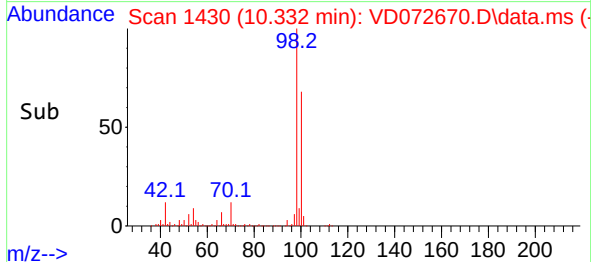
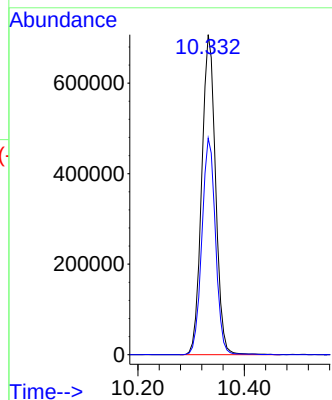
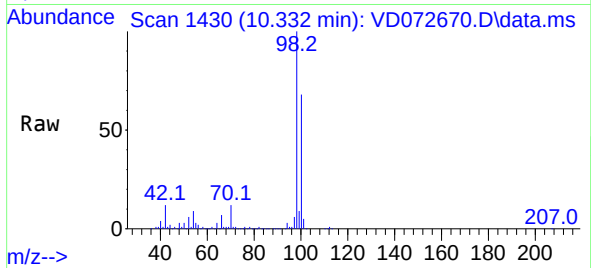




#50
Toluene-d8
Concen: 44.412 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

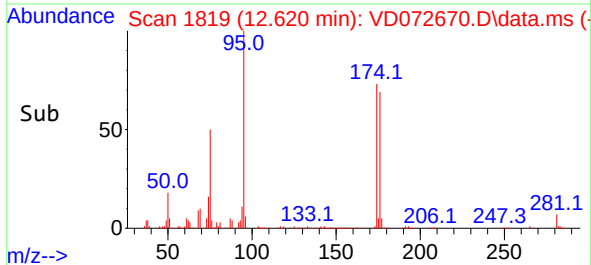
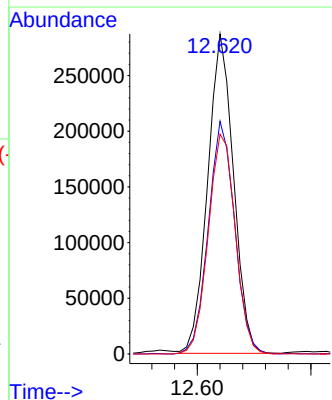
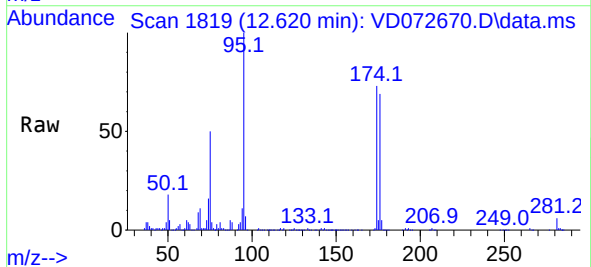
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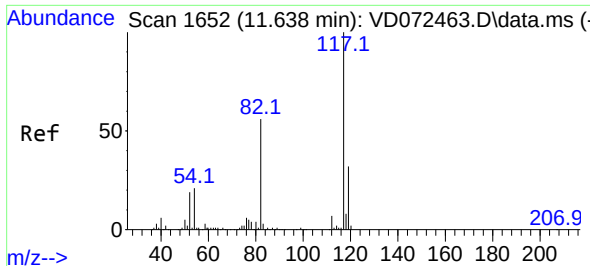
Tgt Ion: 98 Resp: 1271393
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.413 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

Tgt Ion: 95 Resp: 451831
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 72.2 0.0 145.4

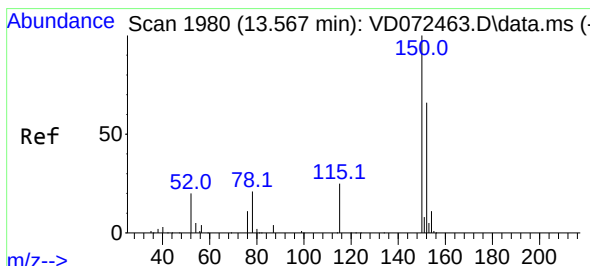
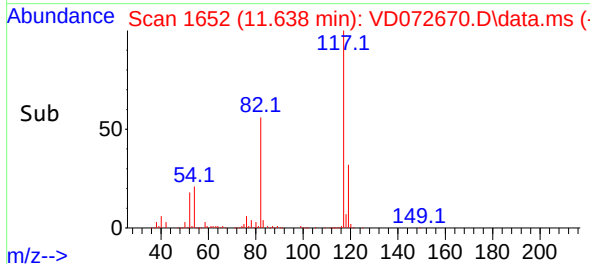
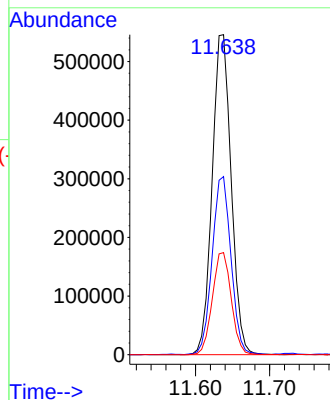
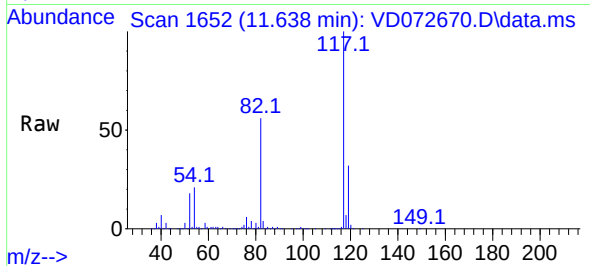




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072670.D
Acq: 21 Apr 2022 14:52

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:	117	Resp:	973786
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	31.9	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: VD072670.D
Acq: 21 Apr 2022 14:52

Tgt Ion:	152	Resp:	438411
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.8
150	161.0	0.0	348.6

