

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073305.D
 Acq On : 24 May 2022 02:55
 Operator : VA/SY
 Sample : N2949-07
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-02

Quant Time: May 24 03:32:10 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)

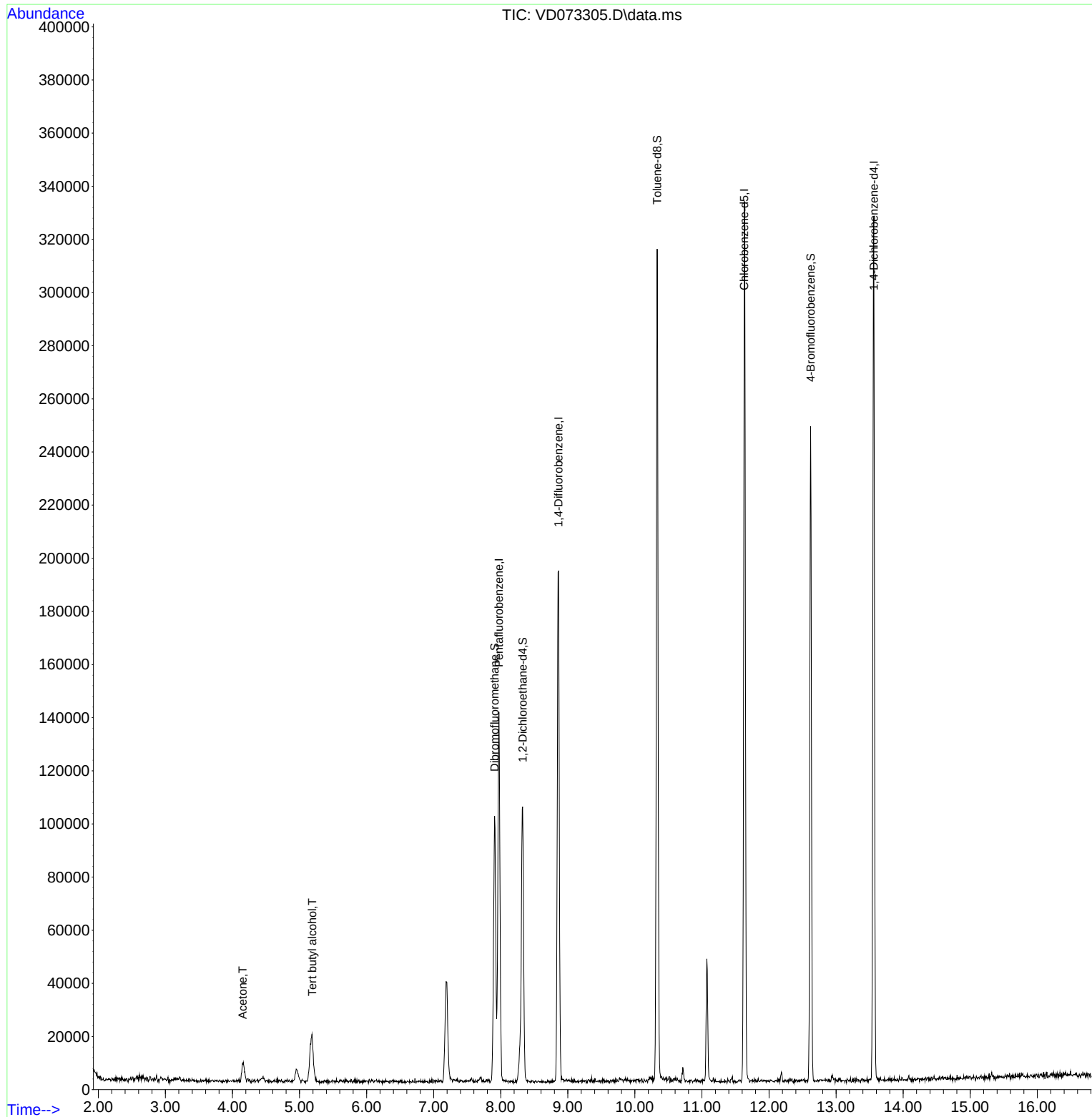
Internal Standards						
1) Pentafluorobenzene	7.973	168	95668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	165053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	196884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	90024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81265	76.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.720%
35) Dibromofluoromethane	7.909	113	71138	65.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.640%
50) Toluene-d8	10.332	98	210995	52.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.620	95	82884	58.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.660%
Target Compounds						
11) Tert butyl alcohol	5.191	59	16782	102.307	ug/l #	75
16) Acetone	4.150	43	14260	77.868	ug/l #	89

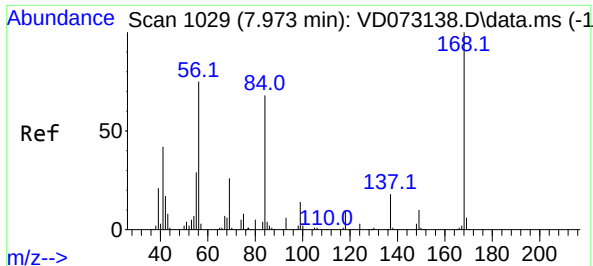
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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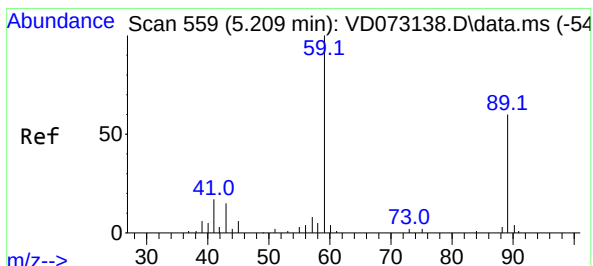
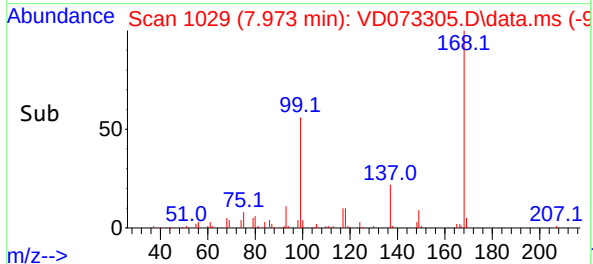
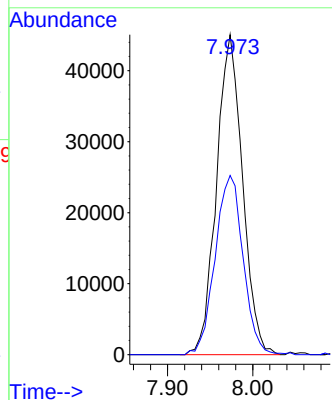
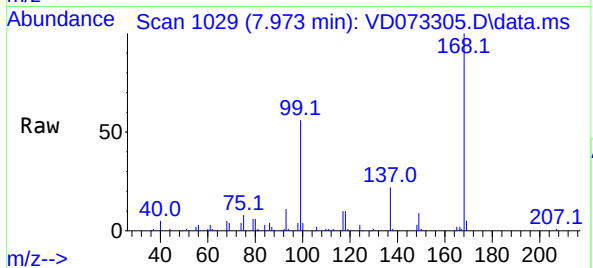




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

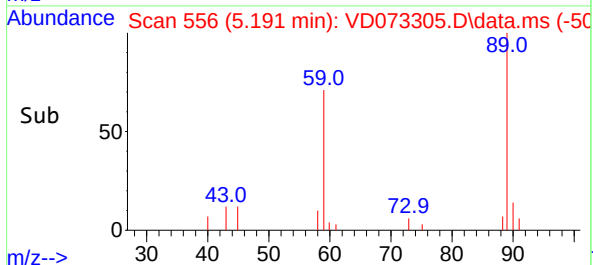
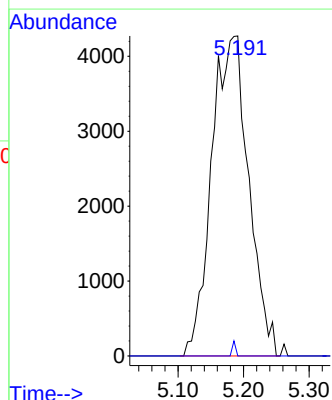
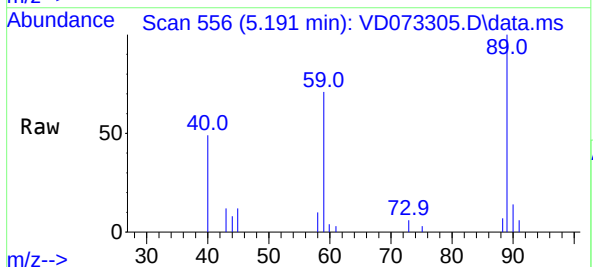
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-02

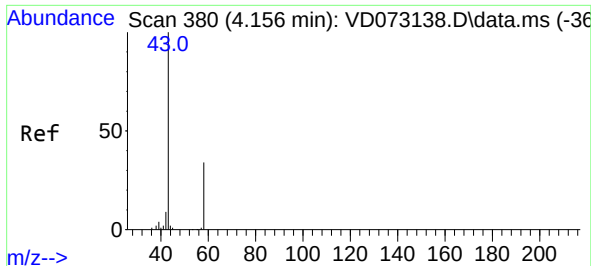
Tgt Ion:168 Resp: 95668
Ion Ratio Lower Upper
168 100
99 56.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 102.307 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Tgt Ion: 59 Resp: 16782
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#

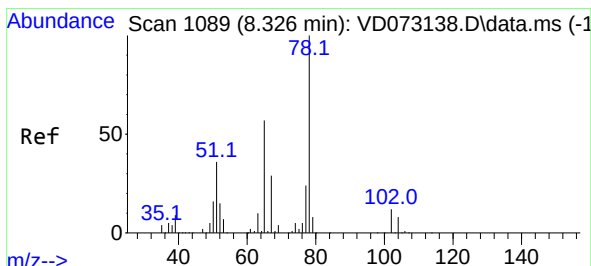
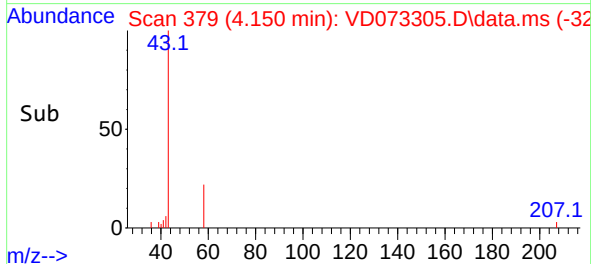
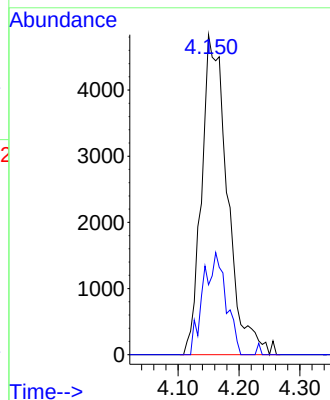
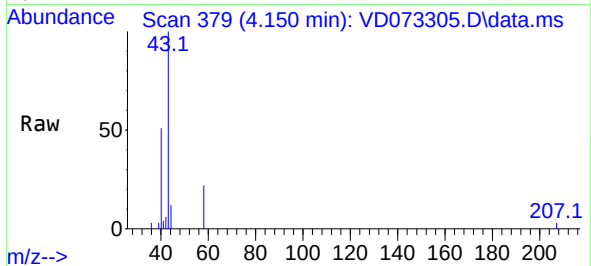




#16
Acetone
Concen: 77.868 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

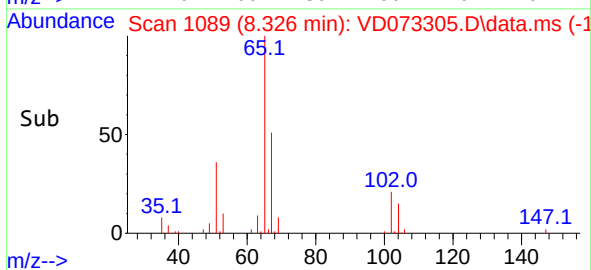
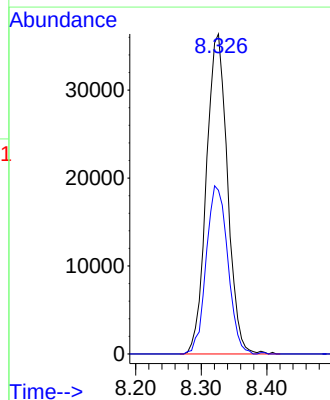
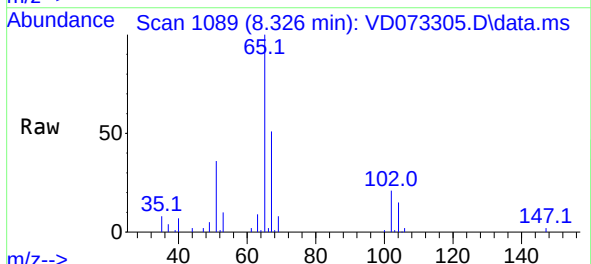
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-02

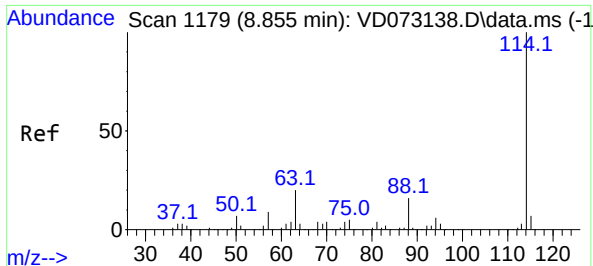
Tgt Ion: 43 Resp: 14260
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 76.863 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Tgt Ion: 65 Resp: 81265
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4

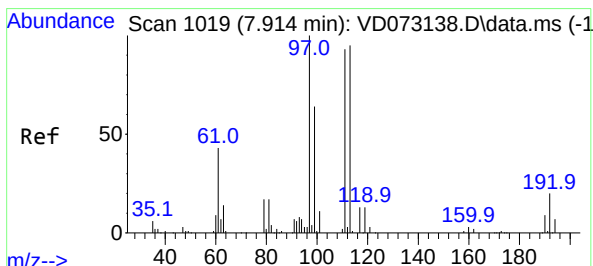
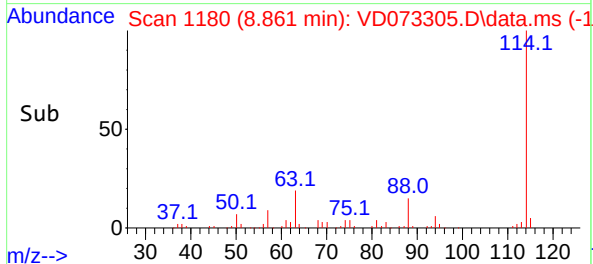
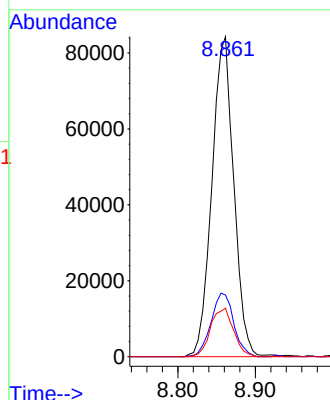
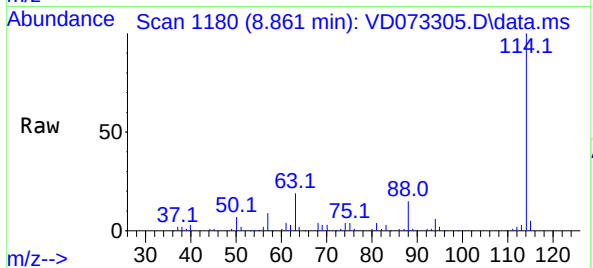




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

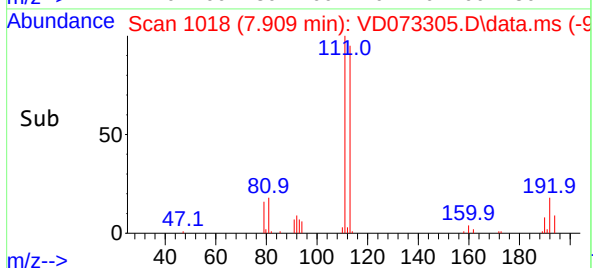
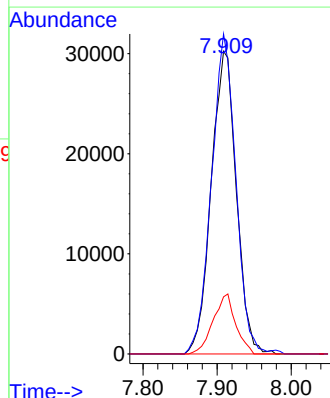
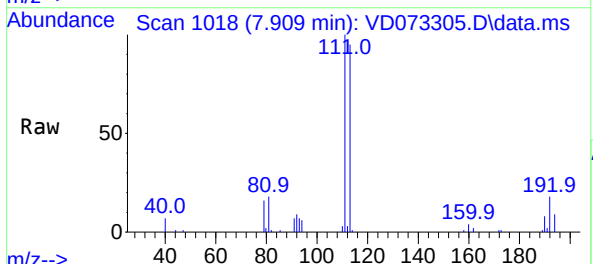
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-02

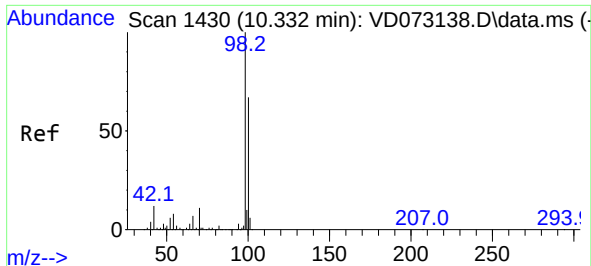
Tgt Ion:114 Resp: 165053
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 65.316 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Tgt Ion:113 Resp: 71138
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.7 14.6 21.8

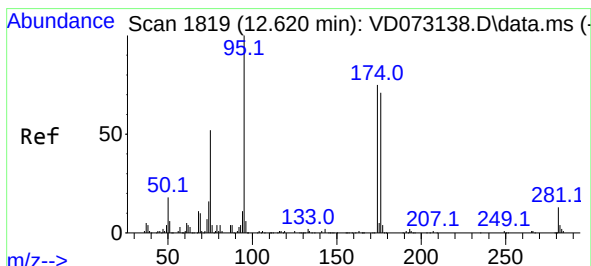
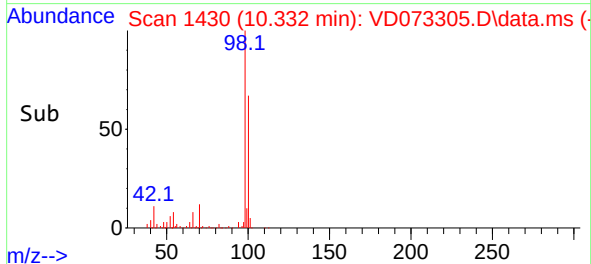
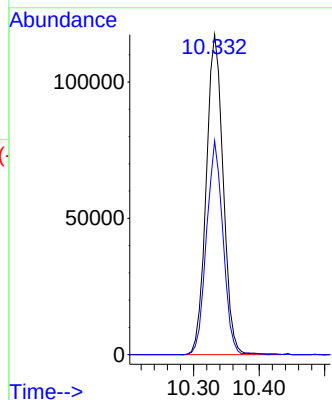
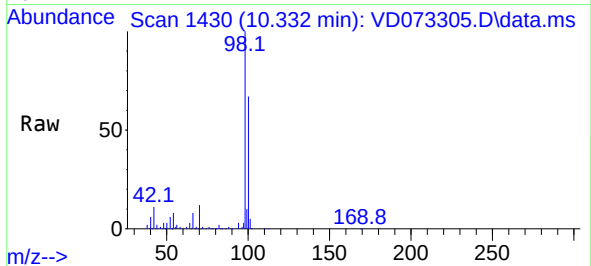




#50
Toluene-d8
Concen: 52.554 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

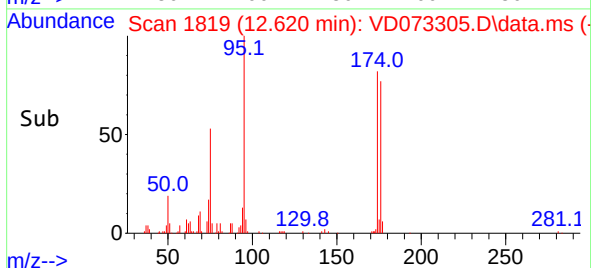
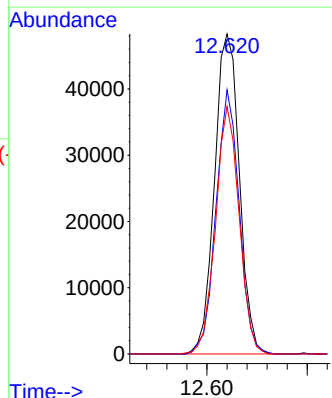
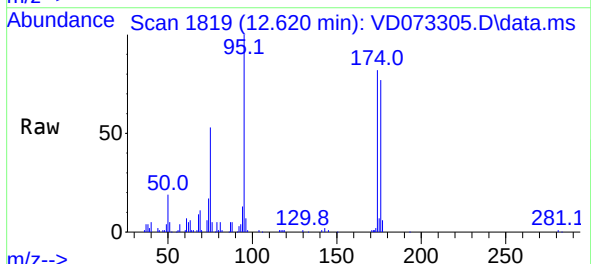
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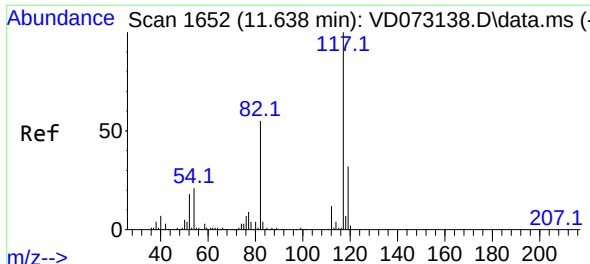
Tgt Ion: 98 Resp: 210995
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.826 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Tgt Ion: 95 Resp: 82884
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.3 0.0 145.4

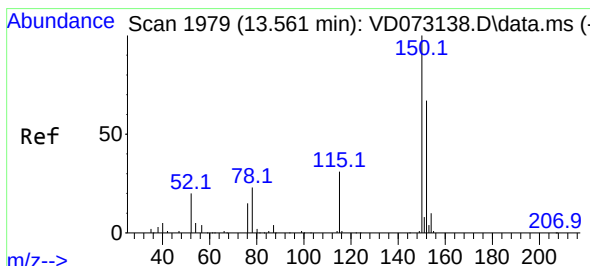
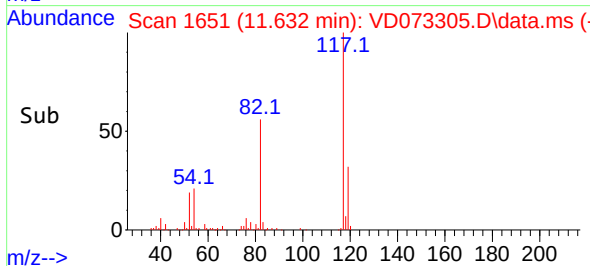
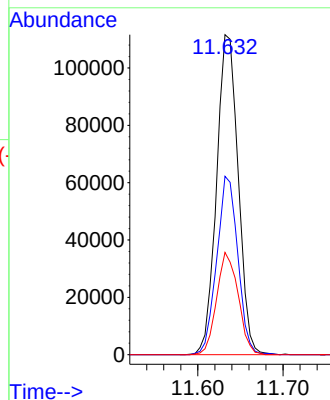
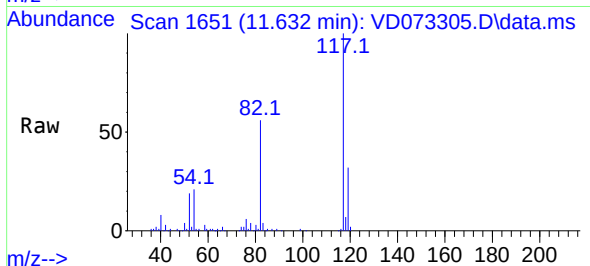




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Instrument :
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ClientSampleId :
P043-SS001-0612-02

Tgt Ion:	117	Resp:	196884
Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.3	67.9
119	32.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073305.D
Acq: 24 May 2022 02:55

Tgt Ion:	152	Resp:	90024
Ion	Ratio	Lower	Upper
152	100		
115	58.5	31.3	93.8
150	154.1	0.0	348.6

