

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073021.D
 Acq On : 14 May 2022 07:13
 Operator : VA/SY
 Sample : N2823-07
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-7

Quant Time: May 16 05:21:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

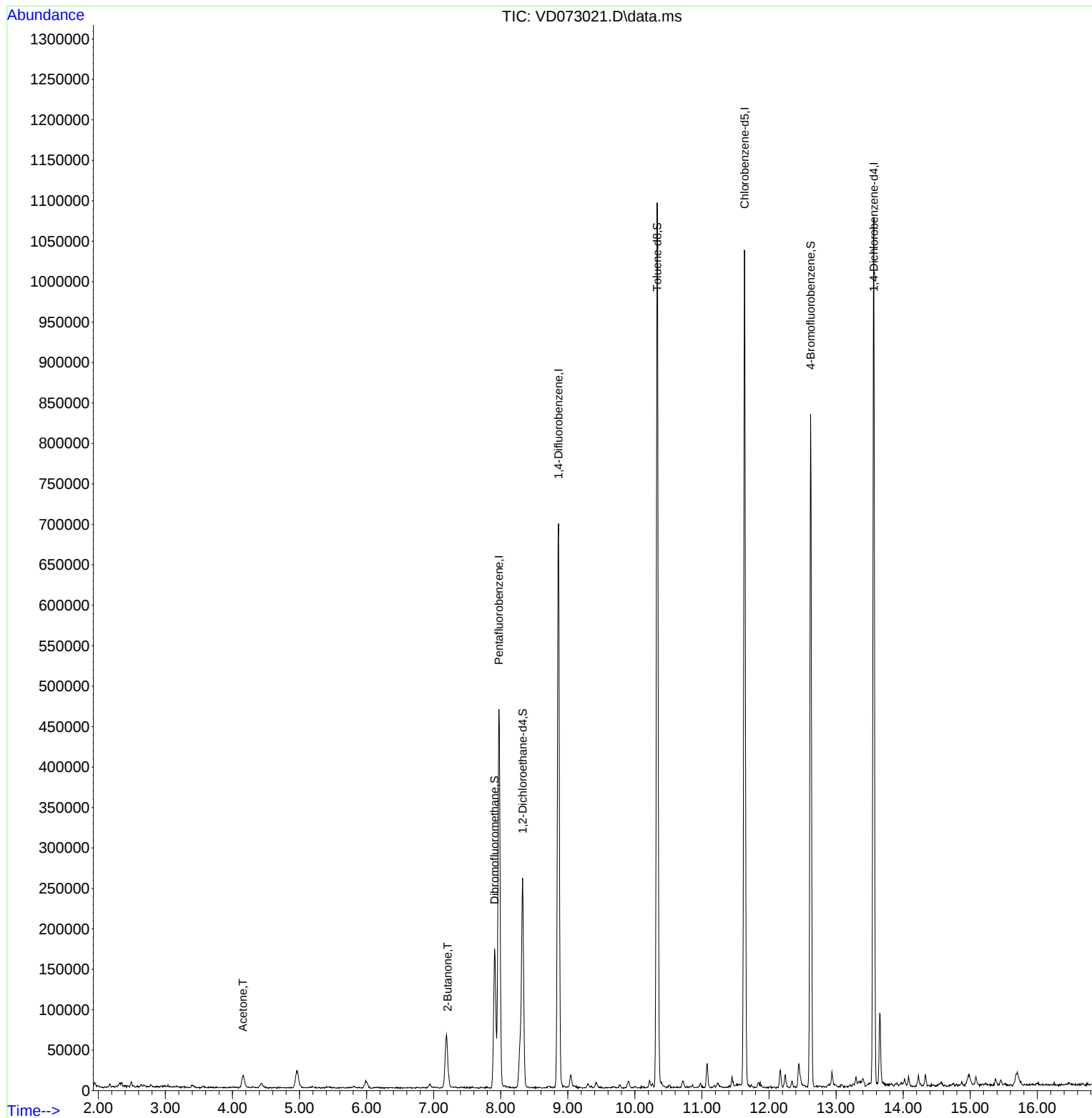
Internal Standards						
1) Pentafluorobenzene	7.973	168	338765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	599202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	599718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193742	44.058	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.120%
35) Dibromofluoromethane	7.909	113	123500	29.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.700%
50) Toluene-d8	10.332	98	727974	48.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.620	95	275503	48.946	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.900%
Target Compounds						
16) Acetone	4.156	43	29673	23.415	ug/l	97
25) 2-Butanone	7.209	43	10050	7.844	ug/l #	90

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

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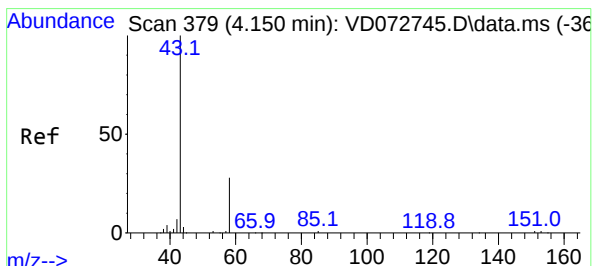
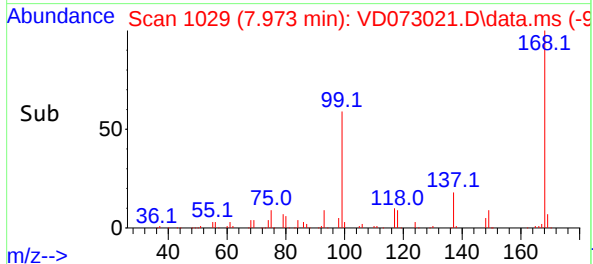
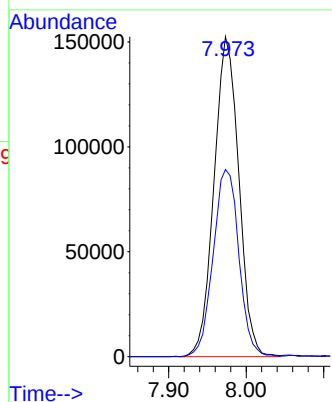
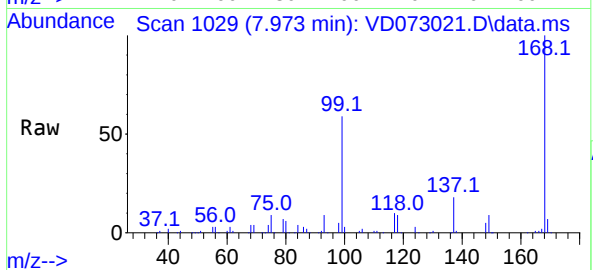




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

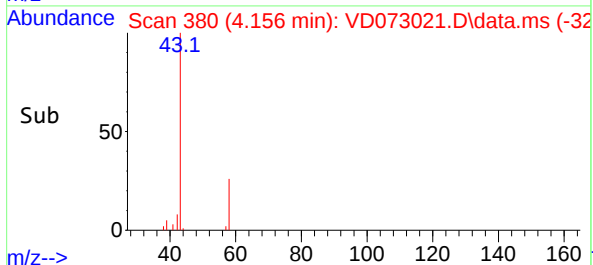
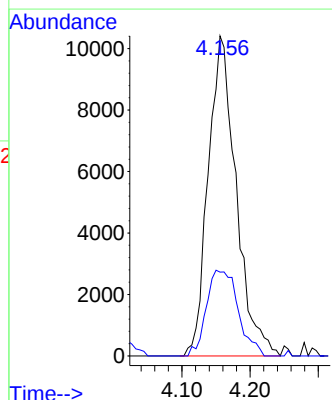
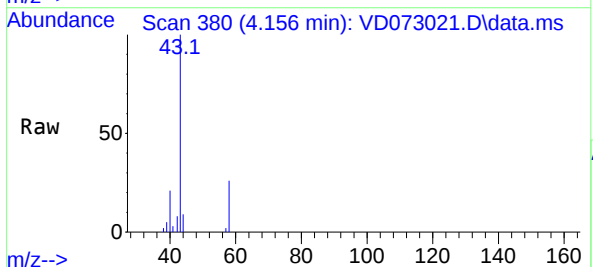
Instrument :
MSVOA_D
ClientSampleId :
SC-7

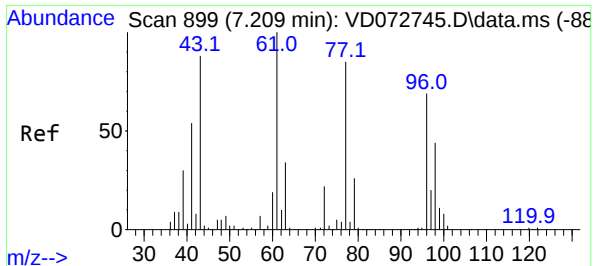
Tgt Ion:168 Resp: 338765
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6



#16
Acetone
Concen: 23.415 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

Tgt Ion: 43 Resp: 29673
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1

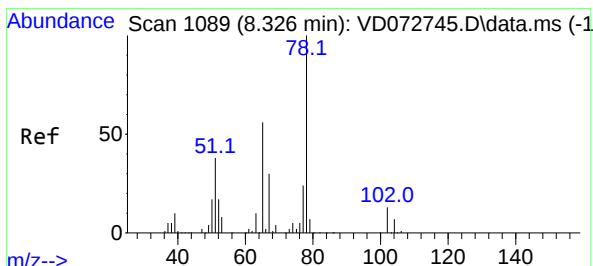
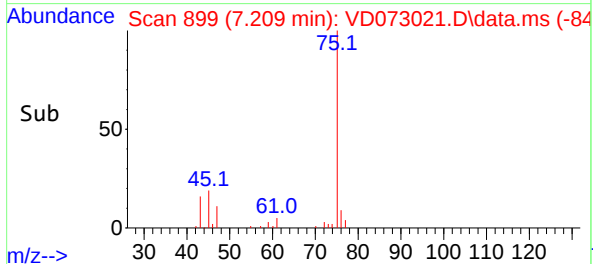
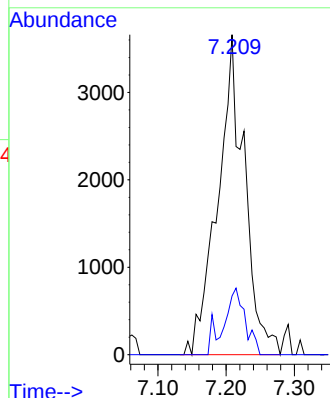
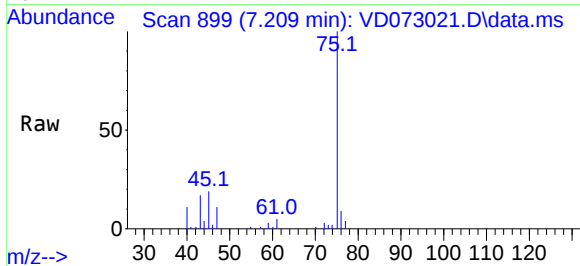




#25
2-Butanone
Concen: 7.844 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

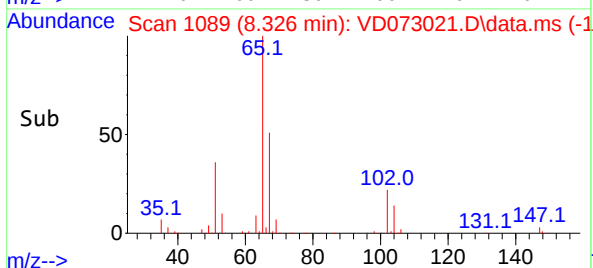
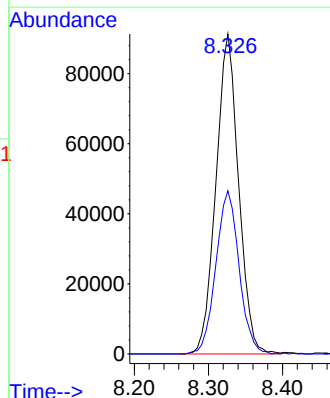
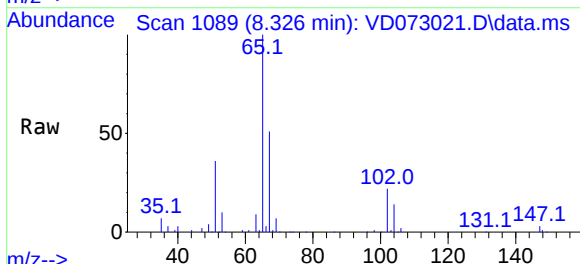
Instrument :
MSVOA_D
ClientSampleId :
SC-7

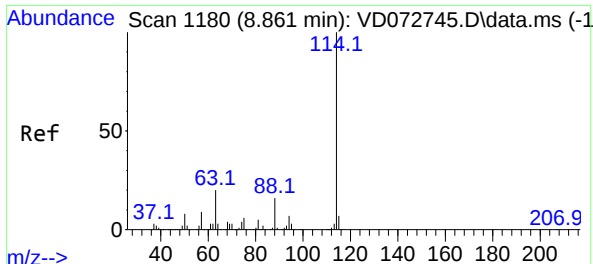
Tgt Ion: 43 Resp: 10050
Ion Ratio Lower Upper
43 100
72 18.4 18.6 27.8#



#33
1,2-Dichloroethane-d4
Concen: 44.058 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

Tgt Ion: 65 Resp: 193742
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4

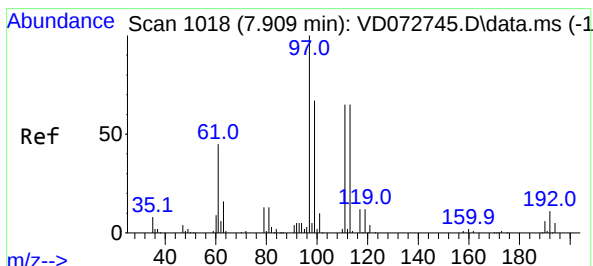
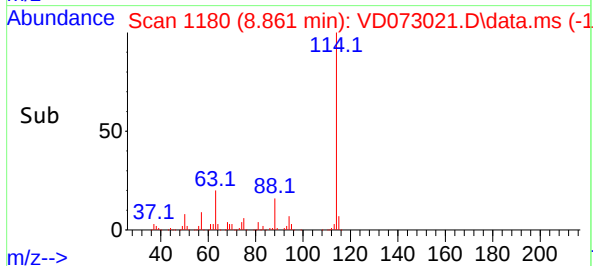
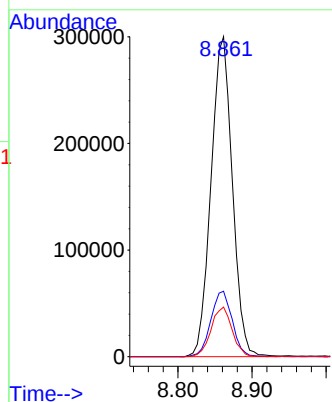
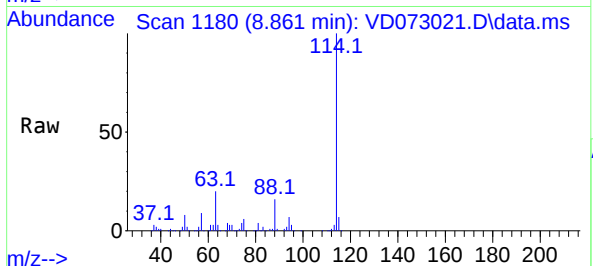




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

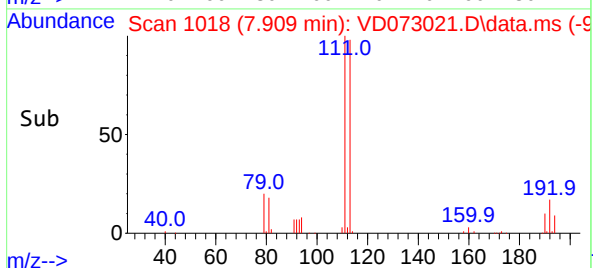
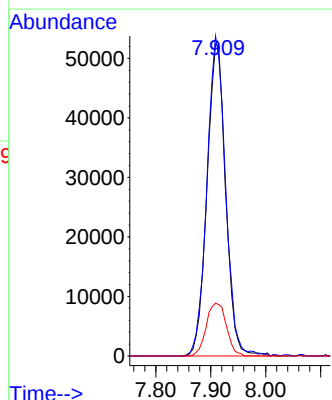
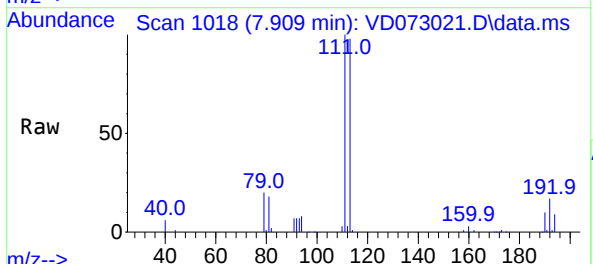
Instrument :
MSVOA_D
ClientSampleId :
SC-7

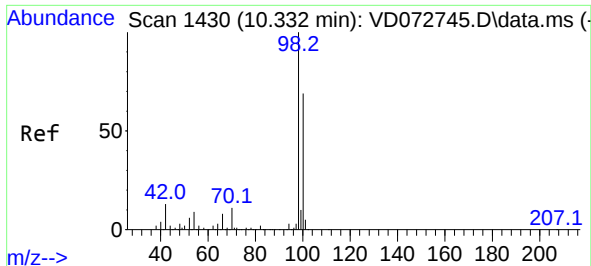
Tgt Ion:114 Resp: 599202
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 29.347 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

Tgt Ion:113 Resp: 123500
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.2 14.6 21.8

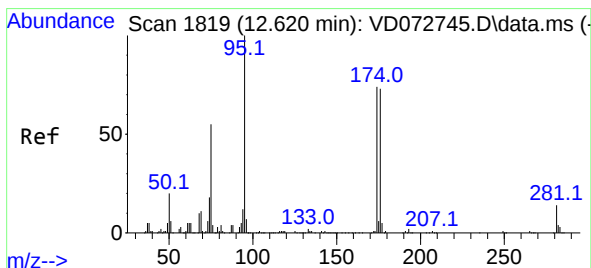
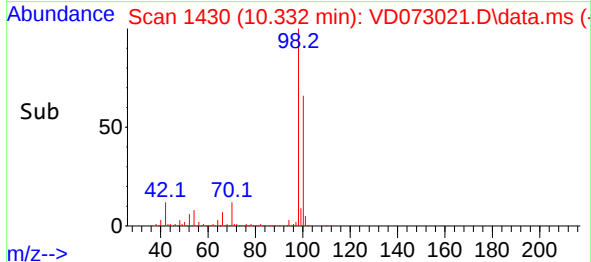
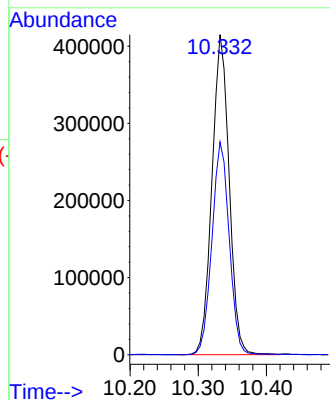
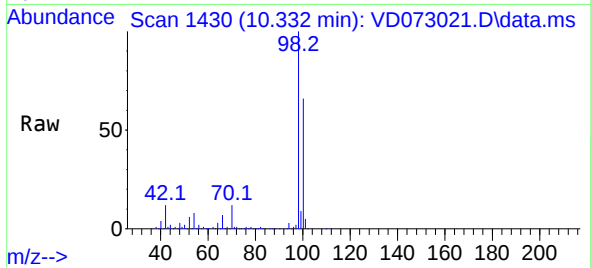




#50
Toluene-d8
Concen: 48.225 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

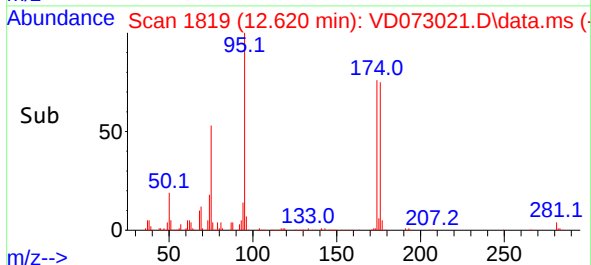
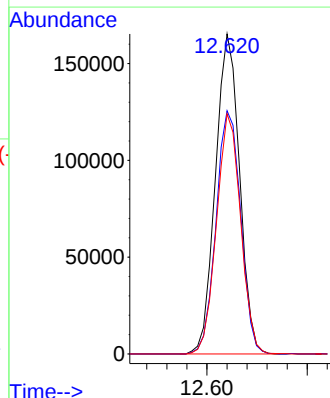
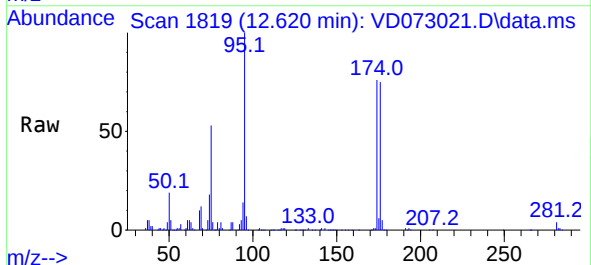
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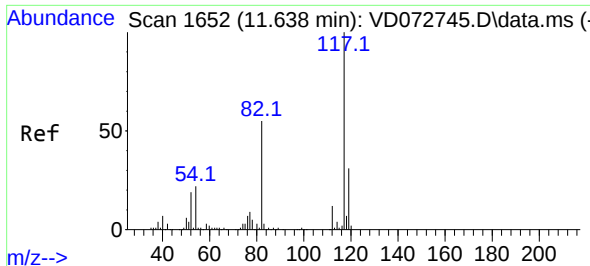
Tgt Ion: 98 Resp: 727974
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

Tgt Ion: 95 Resp: 275503
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.9 0.0 145.4

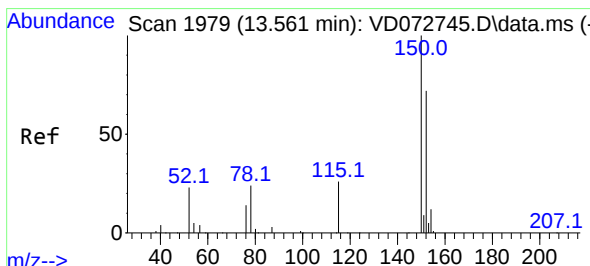
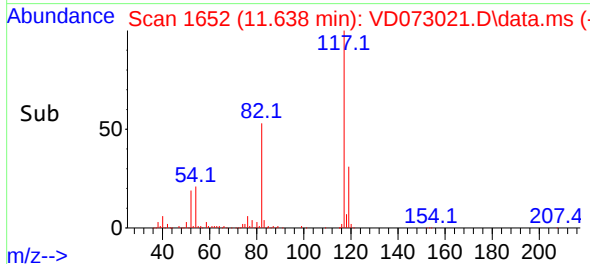
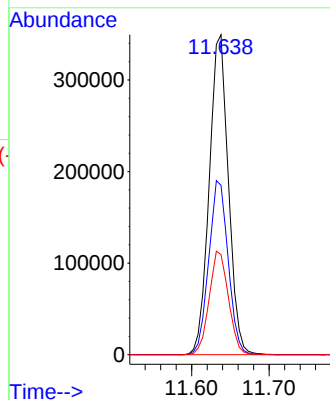
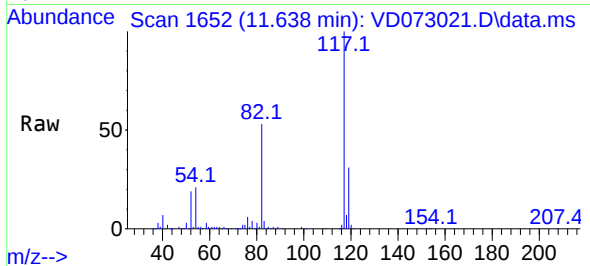




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073021.D
Acq: 14 May 2022 07:13

Instrument :
MSVOA_D
ClientSampleId :
SC-7

Tgt Ion:117 Resp: 599718
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 31.3 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: VD073021.D
Acq: 14 May 2022 07:13

Tgt Ion:152 Resp: 284511
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 154.4 0.0 348.6

