

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073471.D
 Acq On : 02 Jun 2022 14:54
 Operator : VA/SY
 Sample : N3140-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-BACKFILL-MATERIAL

Quant Time: Jun 03 01:29:46 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)

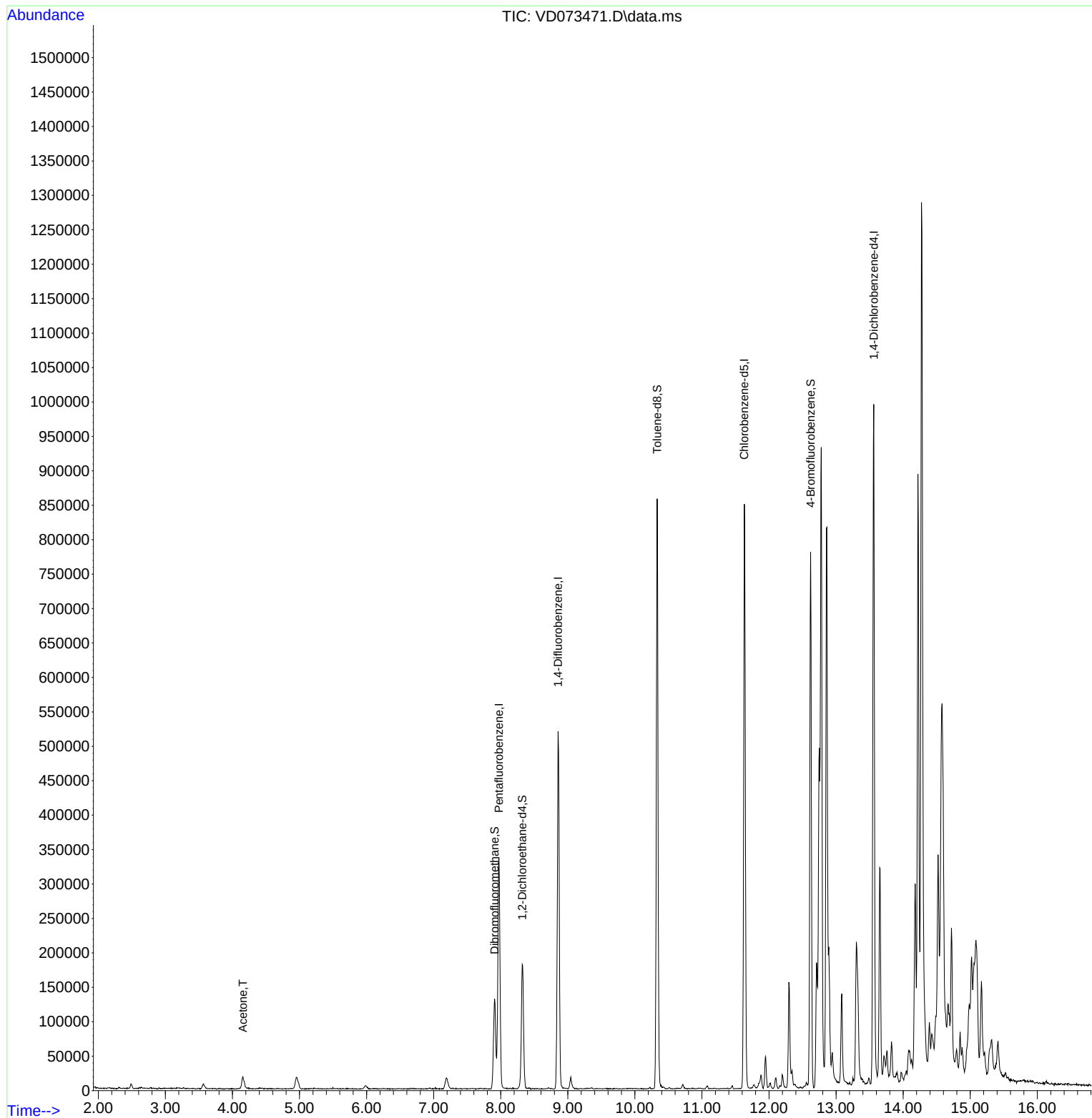
Internal Standards						
1) Pentafluorobenzene	7.973	168	240193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	443850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	495776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	146114	55.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.909	113	94316	32.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.400%
50) Toluene-d8	10.332	98	554120	51.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.620	95	247066	65.208	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.420%
Target Compounds						
16) Acetone	4.156	43	29409	63.963	ug/l	Qvalue 98

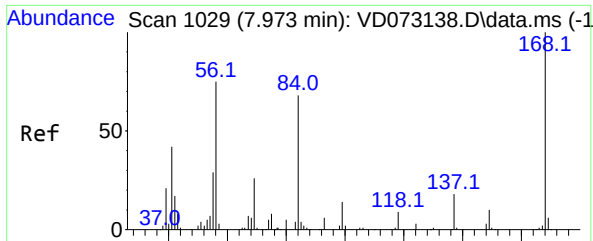
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
Data File : VD073471.D
Acq On : 02 Jun 2022 14:54
Operator : VA/SY
Sample : N3140-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RCA-BACKFILL-MATERIAL

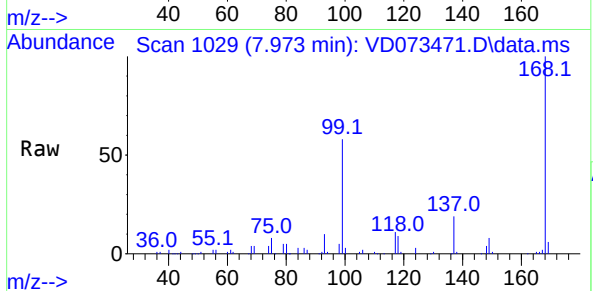
Quant Time: Jun 03 01:29:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



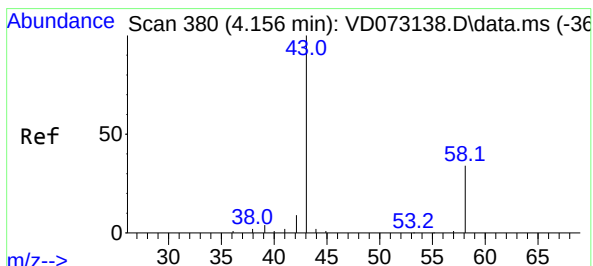
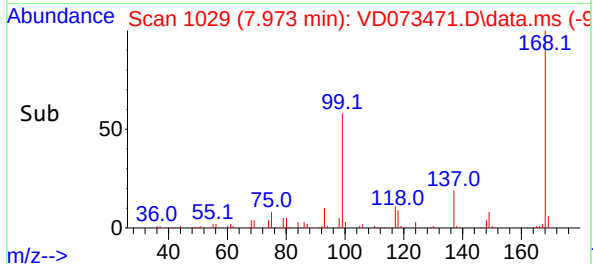
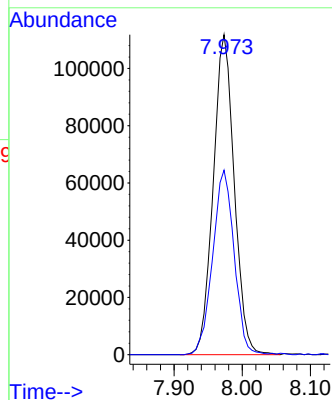


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

Instrument :
MSVOA_D
ClientSampleId :
RCA-BACKFILL-MATERIAL

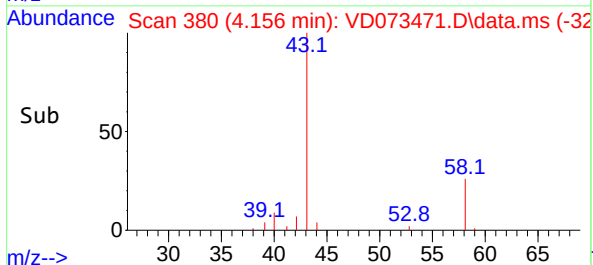
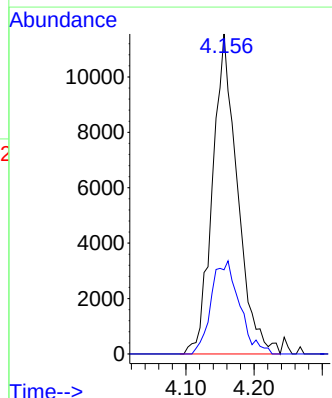
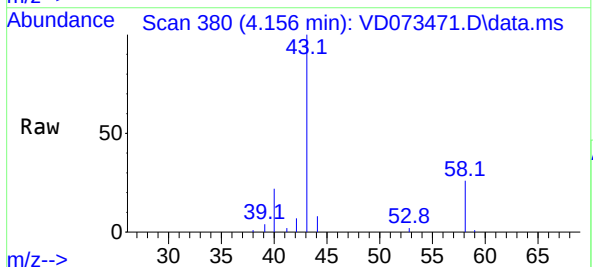


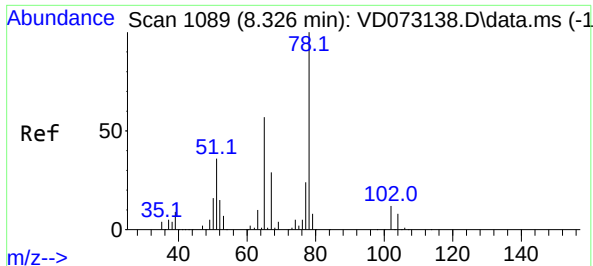
Tgt Ion:168 Resp: 240193
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#16
Acetone
Concen: 63.963 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

Tgt Ion: 43 Resp: 29409
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1

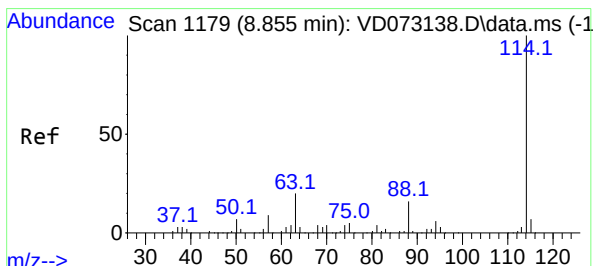
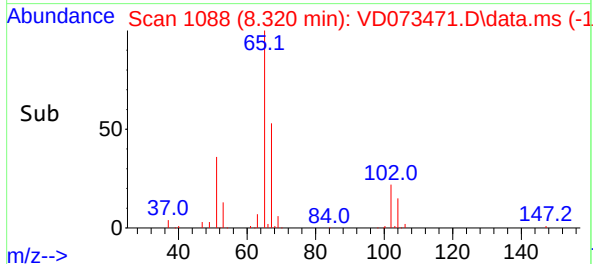
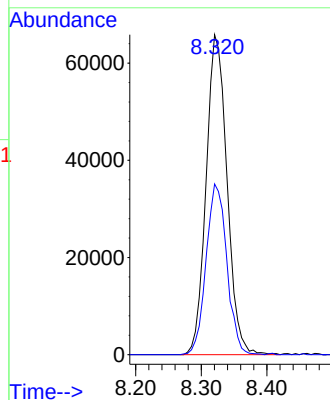
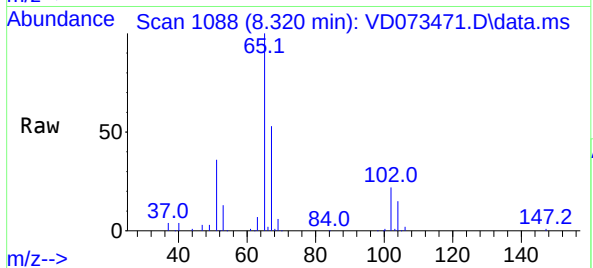




#33
1,2-Dichloroethane-d4
Concen: 55.044 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

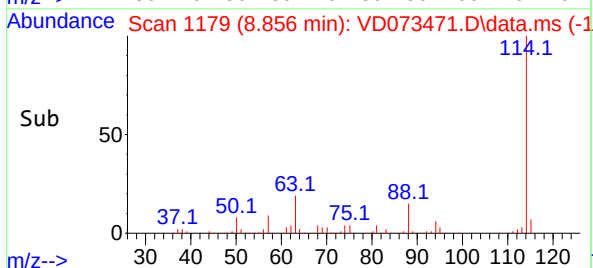
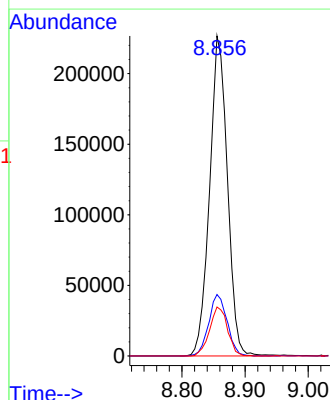
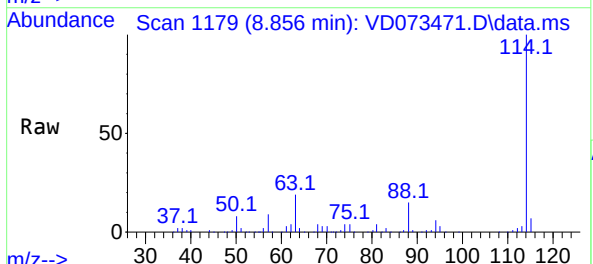
Instrument :
MSVOA_D
ClientSampleId :
RCA-BACKFILL-MATERIAL

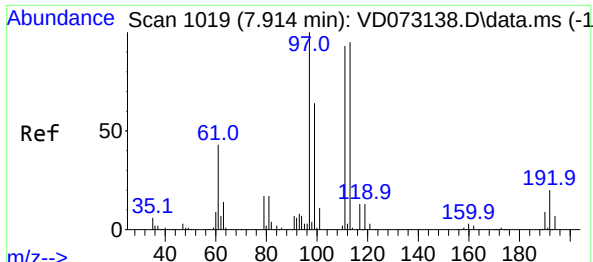
Tgt Ion: 65 Resp: 146114
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

Tgt Ion: 114 Resp: 443850
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 15.3 0.0 33.2

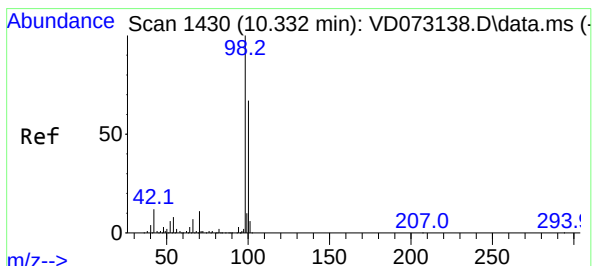
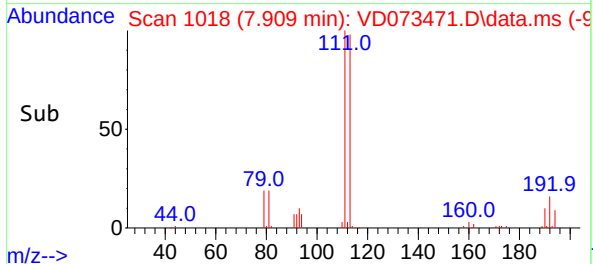
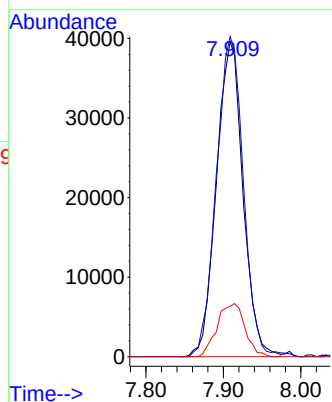
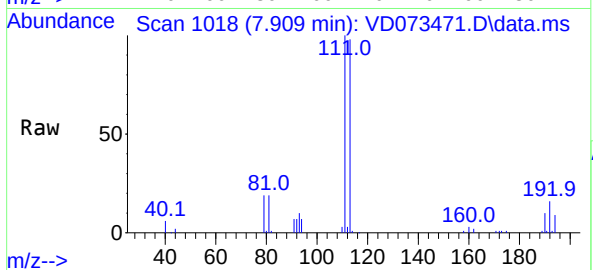




#35
Dibromofluoromethane
Concen: 32.203 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

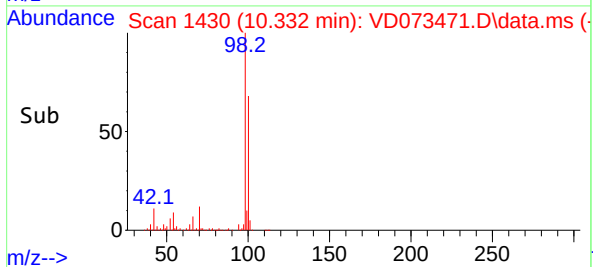
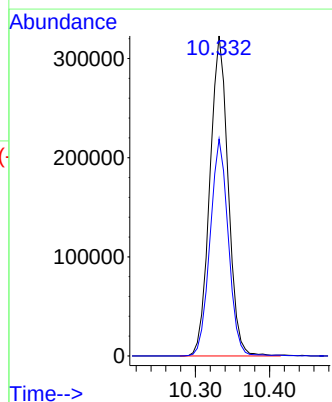
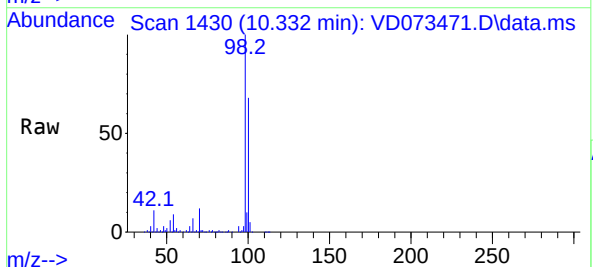
Instrument :
MSVOA_D
ClientSampleId :
RCA-BACKFILL-MATERIAL

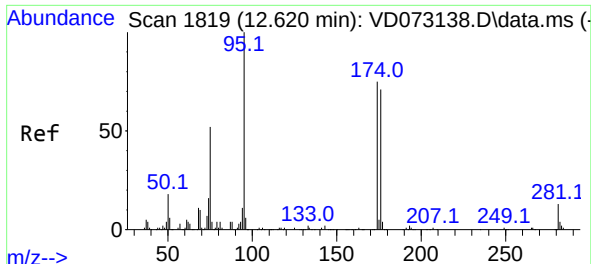
Tgt Ion:113 Resp: 94316
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

Tgt Ion: 98 Resp: 554120
Ion Ratio Lower Upper
98 100
100 67.5 52.4 78.6

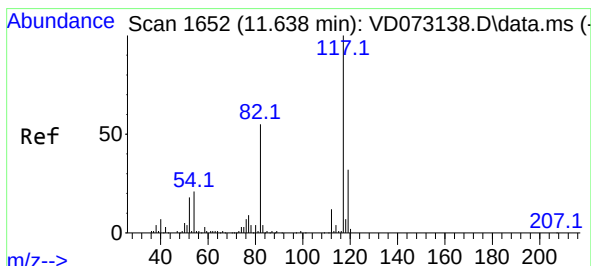
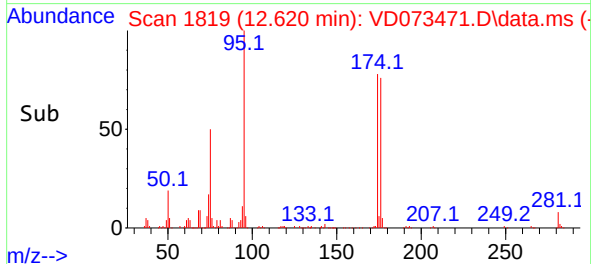
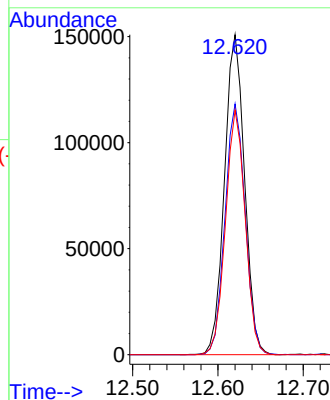
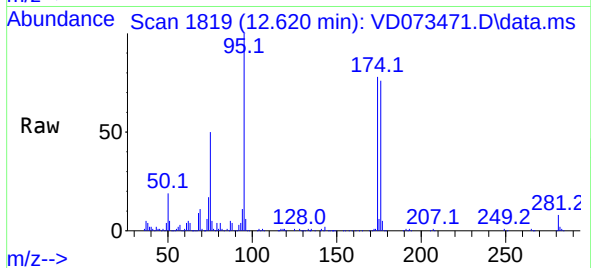




#62
4-Bromofluorobenzene
Concen: 65.208 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

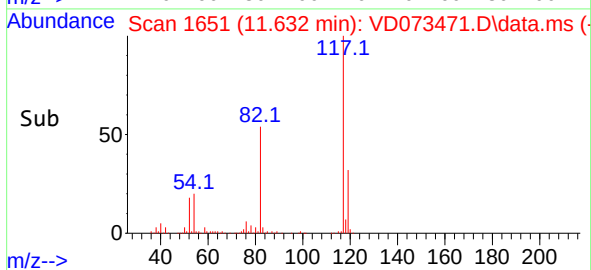
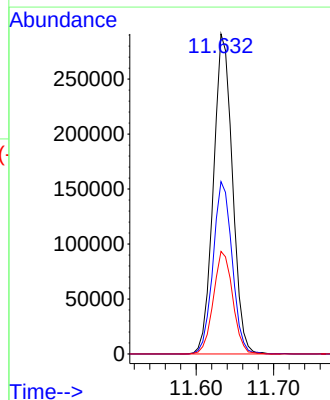
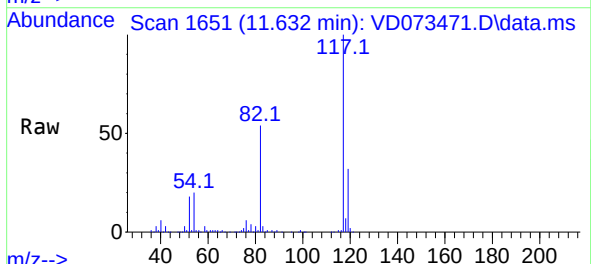
Instrument :
MSVOA_D
ClientSampleId :
RCA-BACKFILL-MATERIAL

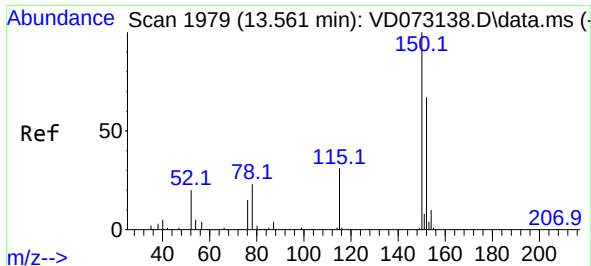
Tgt Ion: 95 Resp: 247066
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073471.D
Acq: 02 Jun 2022 14:54

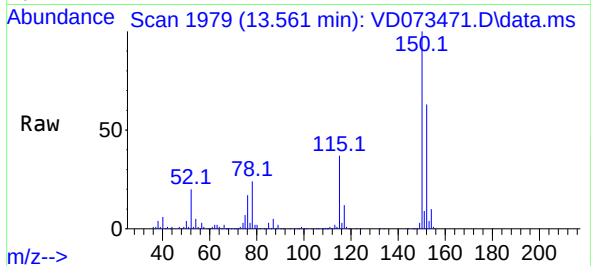
Tgt Ion: 117 Resp: 495776
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 32.0 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073471.D
 Acq: 02 Jun 2022 14:54

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-BACKFILL-MATERIAL



Tgt Ion:152 Resp: 265870

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	156.4	0.0	348.6

