

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073084.D
 Acq On : 18 May 2022 05:09
 Operator : VA/SY
 Sample : N2881-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SLP-1

Quant Time: May 18 06:23:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

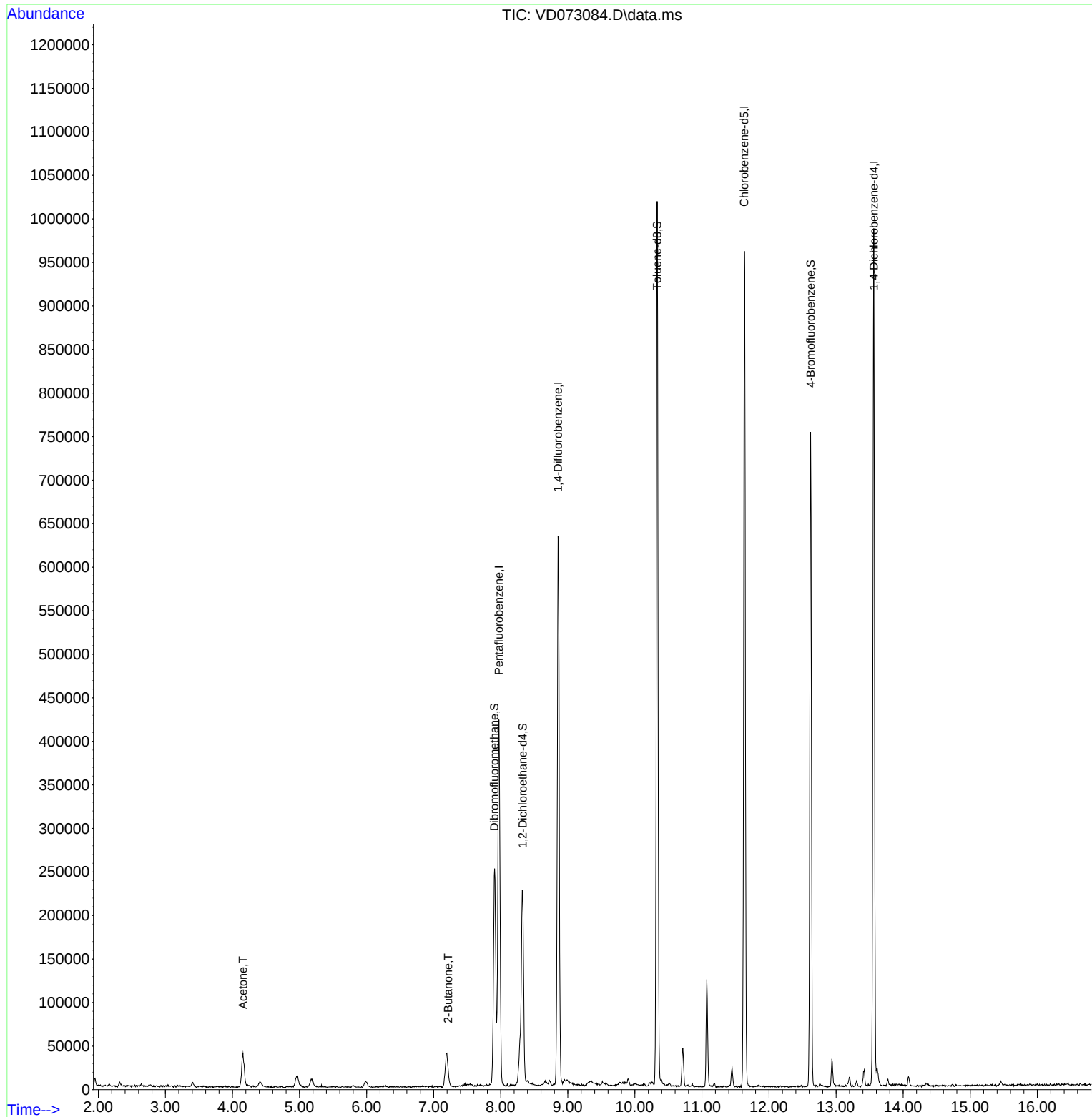
Internal Standards						
1) Pentafluorobenzene	7.973	168	299009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	543823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	560574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178082	47.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.903	113	181358	47.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.332	98	672861	48.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.620	95	239339	47.705	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.400%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	65971	97.491	ug/l	95
25) 2-Butanone	7.214	43	21024	20.518	ug/l #	90

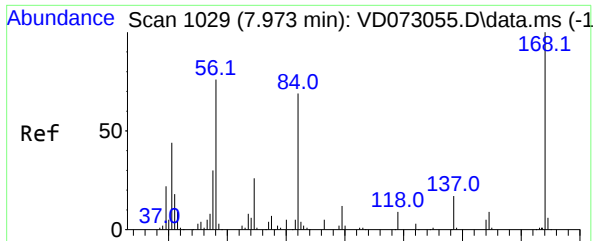
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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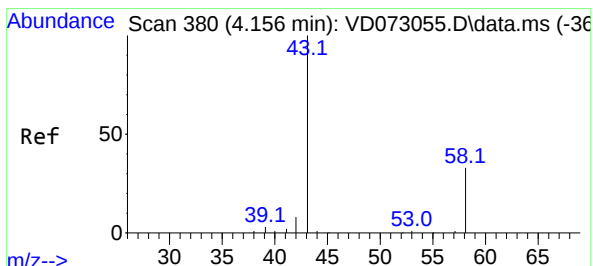
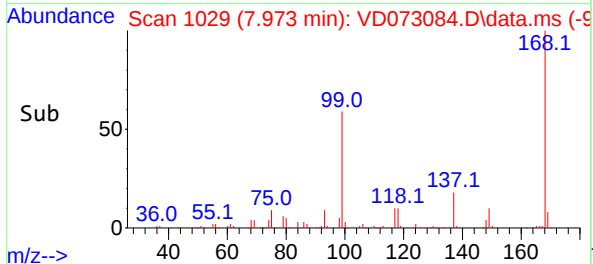
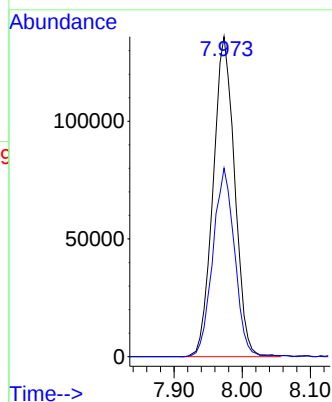
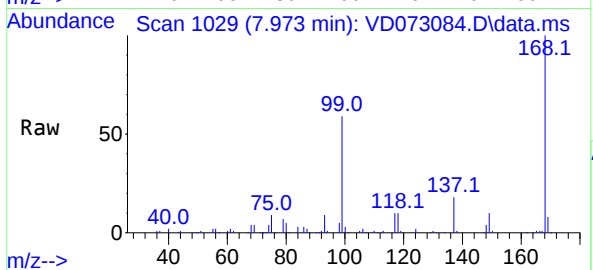




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

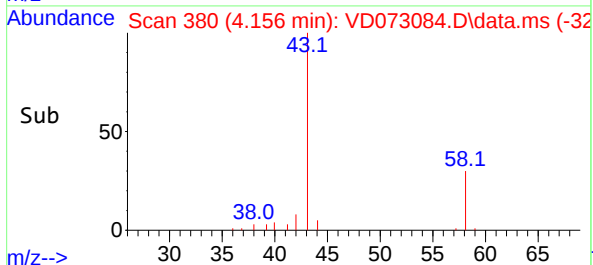
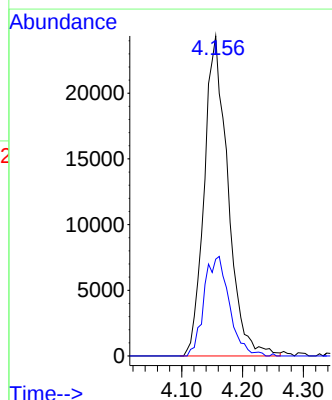
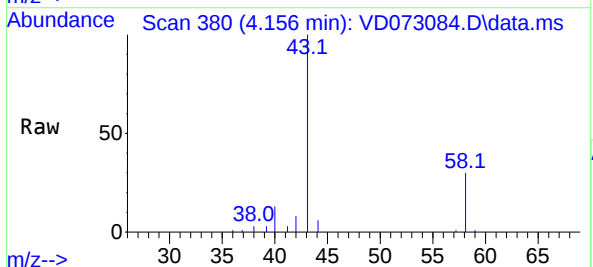
Instrument :
MSVOA_D
ClientSampleId :
SLP-1

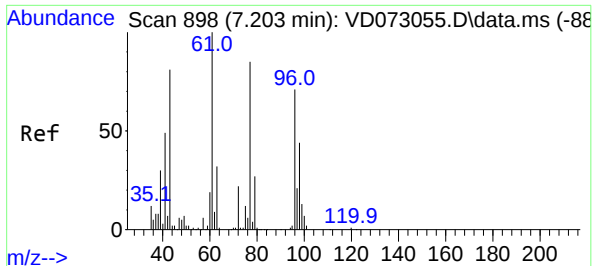
Tgt Ion:168 Resp: 299009
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#16
Acetone
Concen: 97.491 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion: 43 Resp: 65971
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1





#25

2-Butanone

Concen: 20.518 ug/l

RT: 7.214 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD073084.D

Acq: 18 May 2022 05:09

Instrument :

MSVOA_D

ClientSampleId :

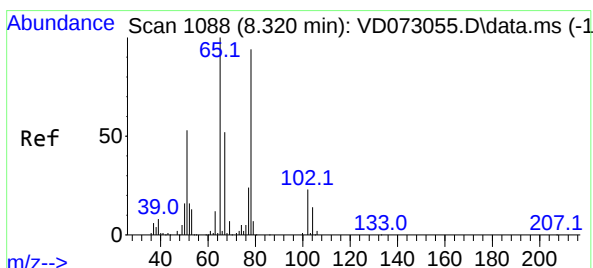
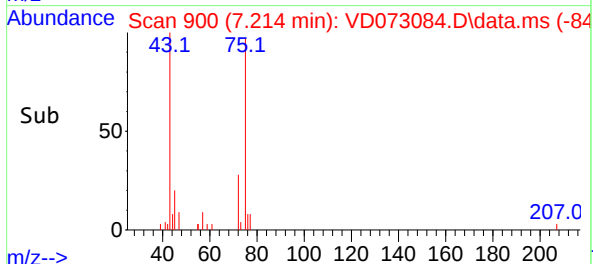
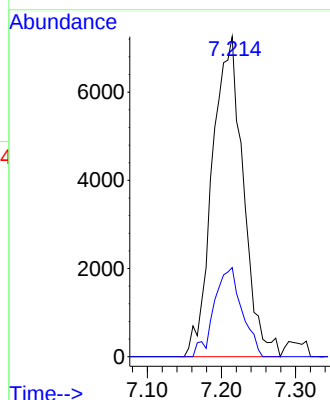
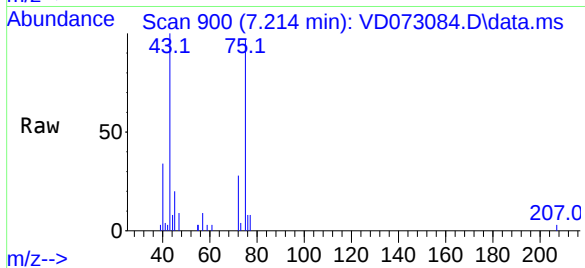
SLP-1

Tgt Ion: 43 Resp: 21024

Ion Ratio Lower Upper

43 100

72 27.9 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 47.624 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073084.D

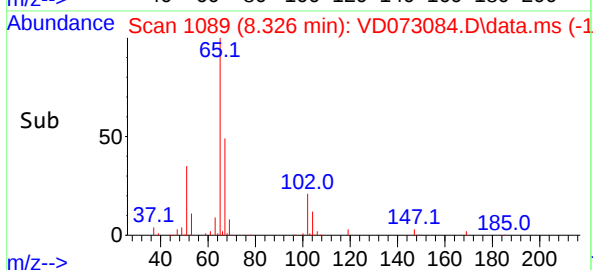
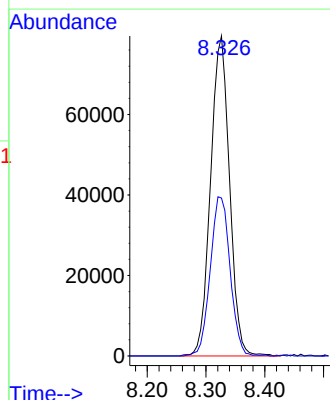
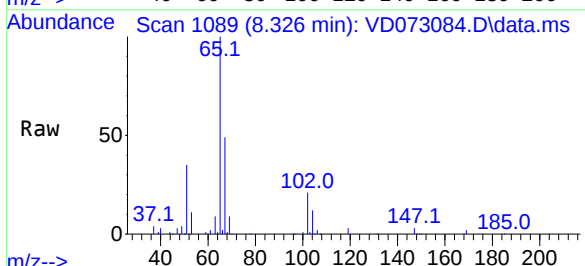
Acq: 18 May 2022 05:09

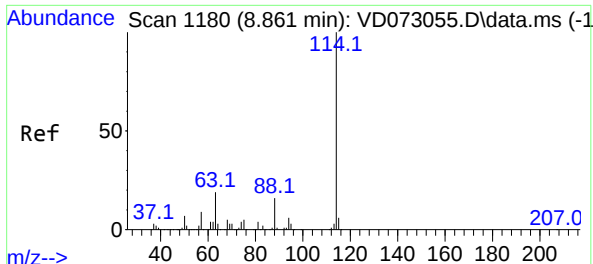
Tgt Ion: 65 Resp: 178082

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



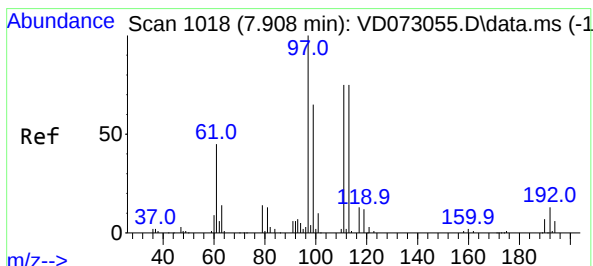
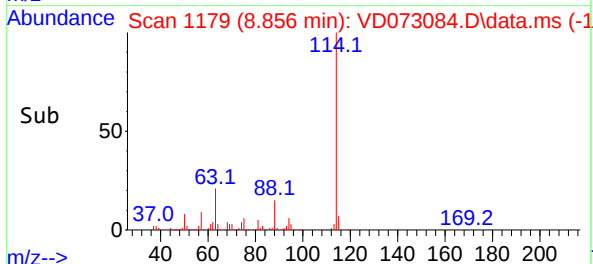
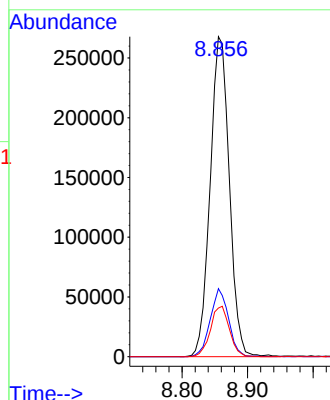
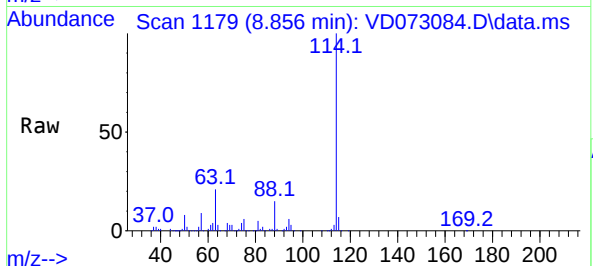


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :
SLP-1

Tgt Ion:114 Resp: 543823

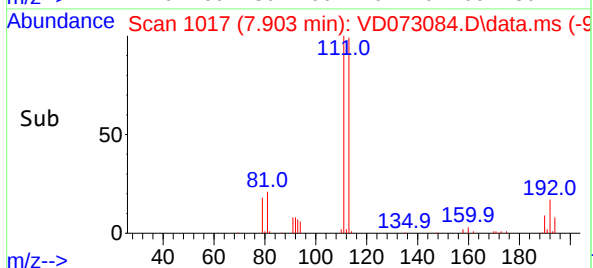
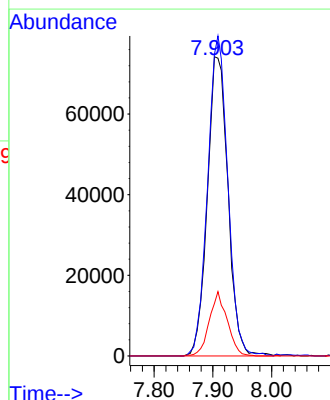
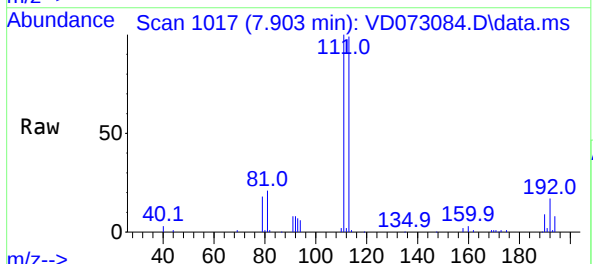
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	46.6
88	15.2	0.0	33.2

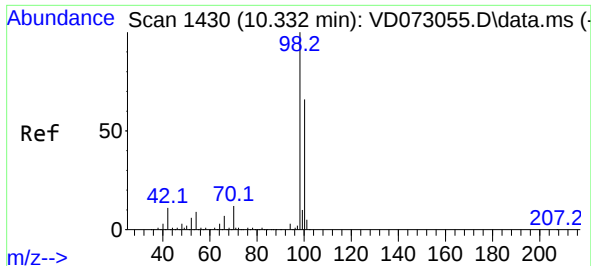


#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion:113 Resp: 181358

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.8	125.6
192	18.6	14.6	21.8

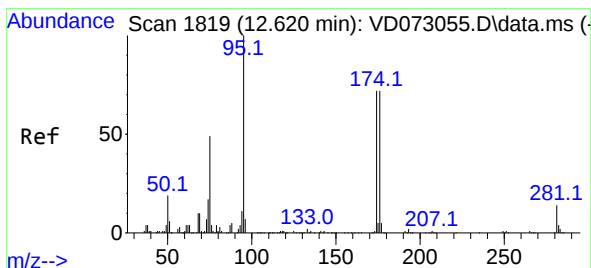
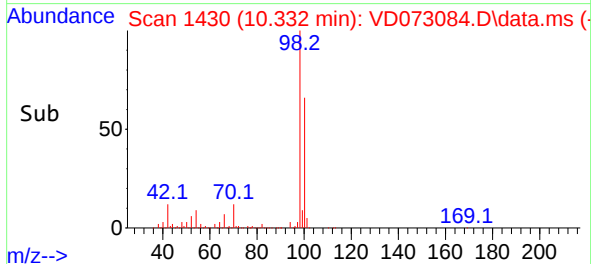
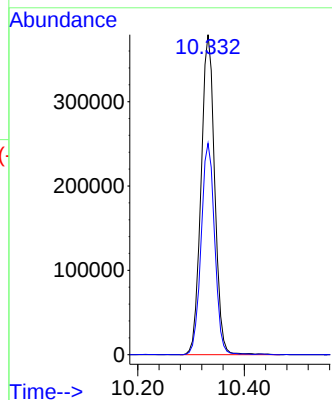
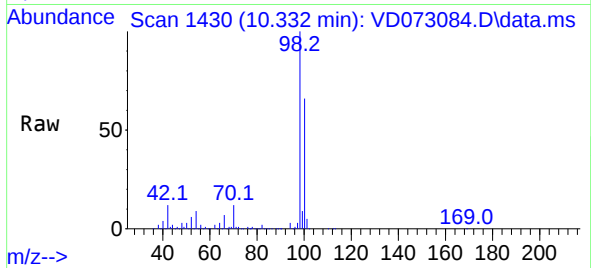




#50
Toluene-d8
Concen: 48.575 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

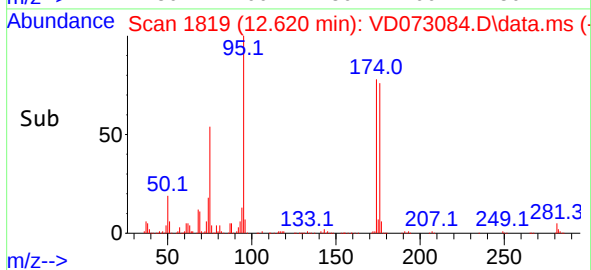
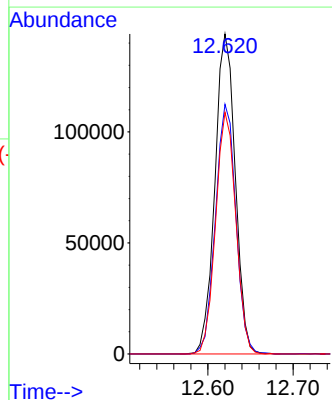
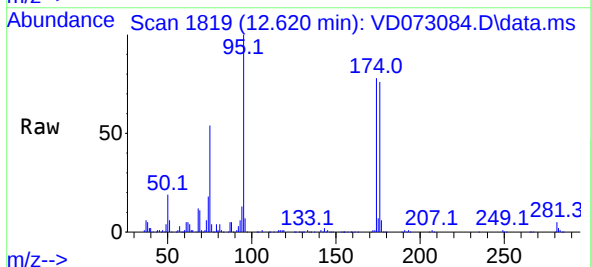
Instrument :
MSVOA_D
ClientSampleId :
SLP-1

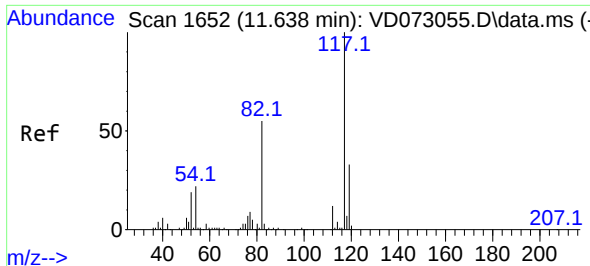
Tgt Ion: 98 Resp: 672861
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.705 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion: 95 Resp: 239339
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 74.7 0.0 145.4

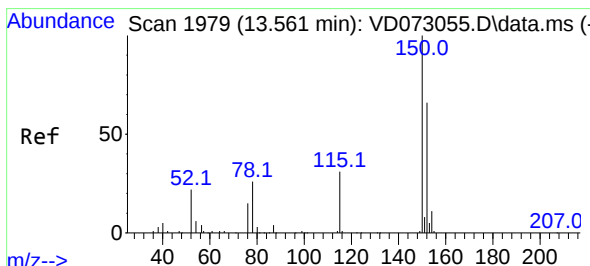
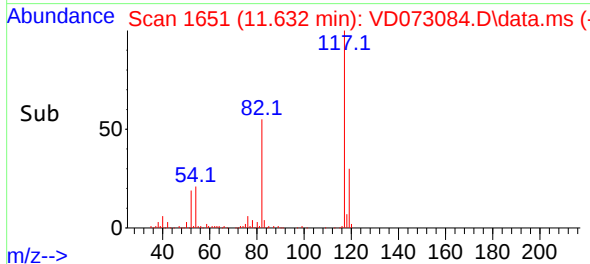
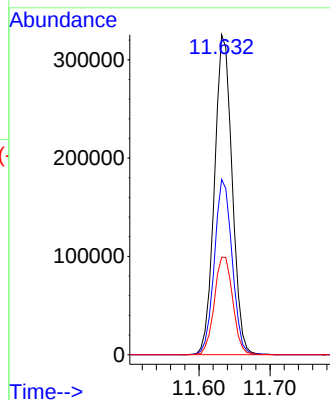
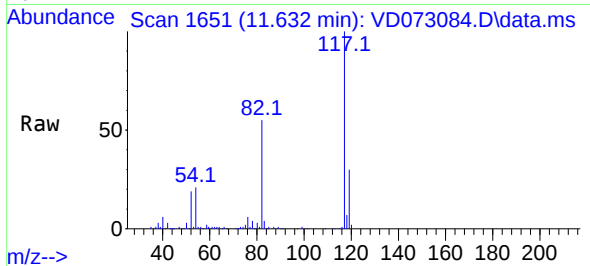




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073084.D
Acq: 18 May 2022 05:09

Instrument :
MSVOA_D
ClientSampleId :
SLP-1

Tgt Ion:117 Resp: 560574
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 30.5 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: VD073084.D
Acq: 18 May 2022 05:09

Tgt Ion:152 Resp: 253143
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.1 0.0 348.6

