

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073269.D
 Acq On : 22 May 2022 11:53
 Operator : VA/SY
 Sample : N2920-24
 Misc : 4.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS001-1218-01

Quant Time: May 23 01:15:55 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)

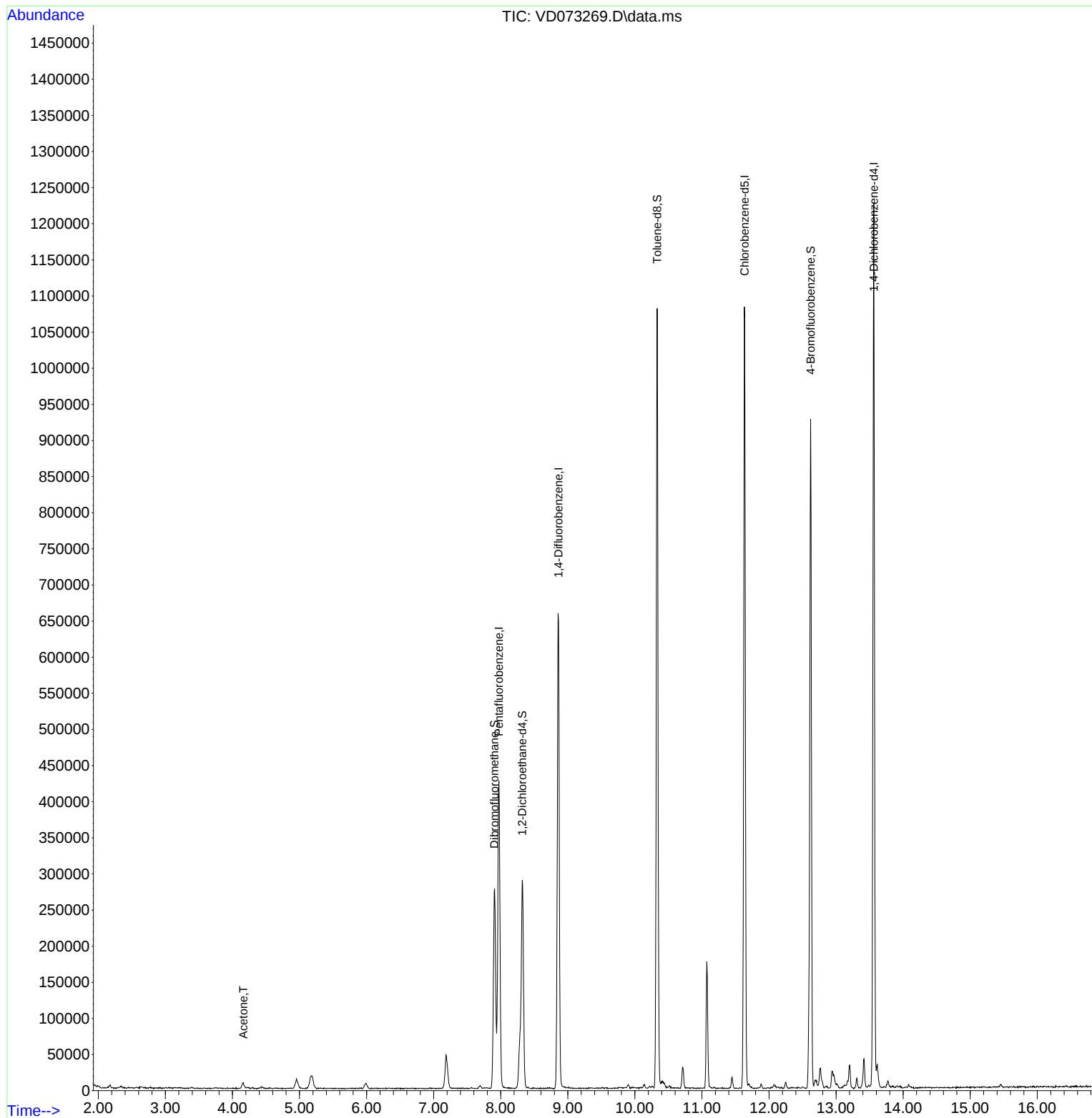
Internal Standards						
1) Pentafluorobenzene	7.973	168	309968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	564425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	621471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	220182	64.276	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	128.560%	
35) Dibromofluoromethane	7.903	113	200380	53.801	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	107.600%	
50) Toluene-d8	10.332	98	710909	51.781	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	103.560%	
62) 4-Bromofluorobenzene	12.620	95	298604	61.975	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	123.940%	
Target Compounds						
						Qvalue
16) Acetone	4.162	43	12843	21.645	ug/l #	79

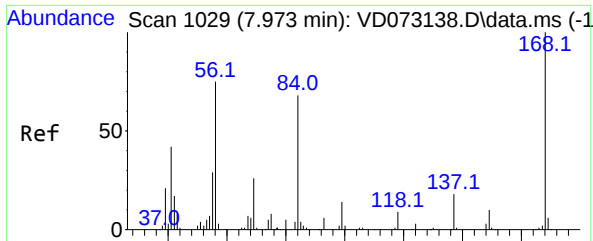
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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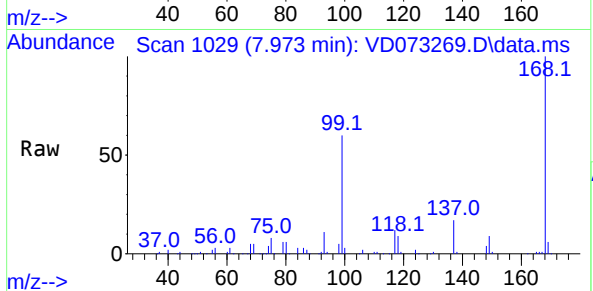
Quant Time: May 23 01:15:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



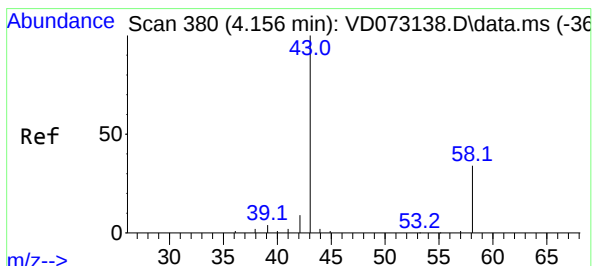
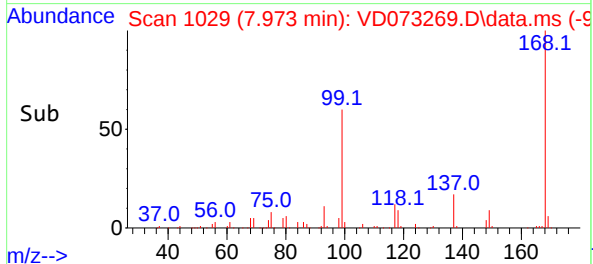
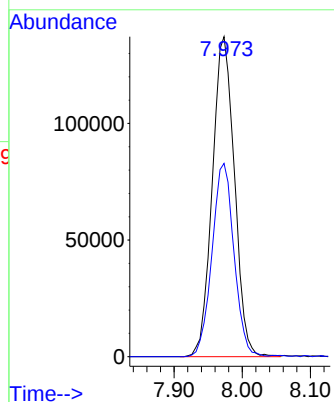


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

Instrument :
MSVOA_D
ClientSampleId :
P028-SS001-1218-01

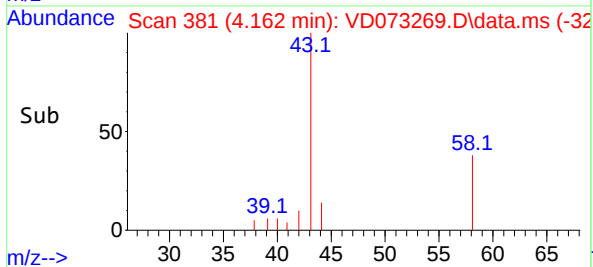
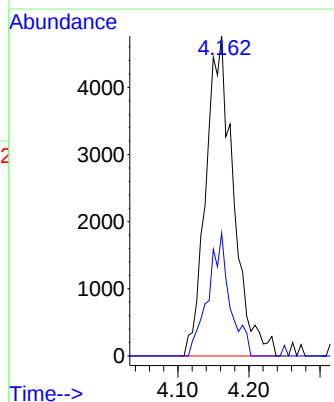
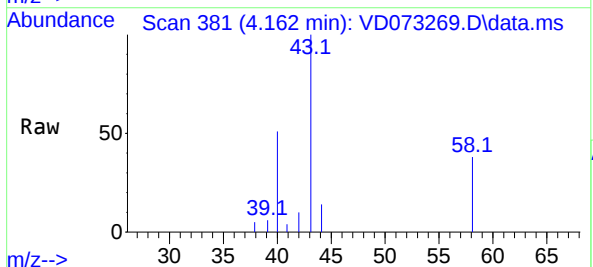


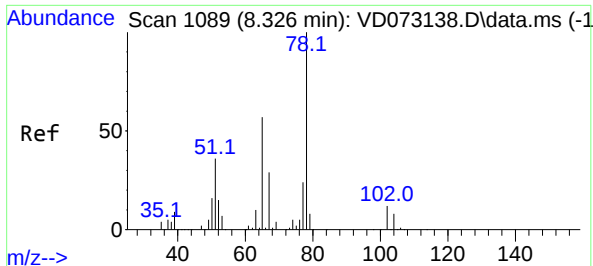
Tgt Ion:168 Resp: 309968
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#16
Acetone
Concen: 21.645 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

Tgt Ion: 43 Resp: 12843
Ion Ratio Lower Upper
43 100
58 38.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 64.276 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073269.D

Acq: 22 May 2022 11:53

Instrument :

MSVOA_D

ClientSampleId :

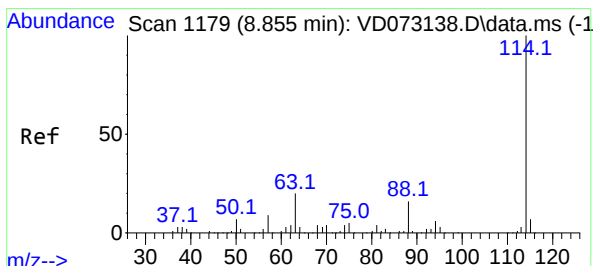
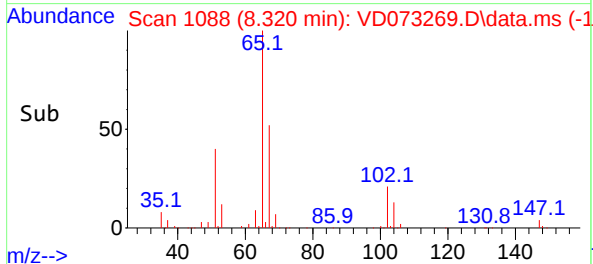
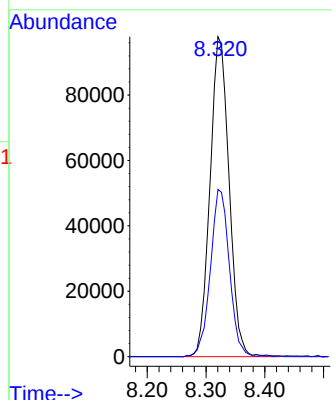
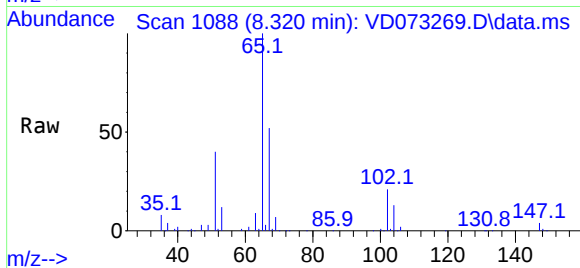
P028-SS001-1218-01

Tgt Ion: 65 Resp: 220182

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073269.D

Acq: 22 May 2022 11:53

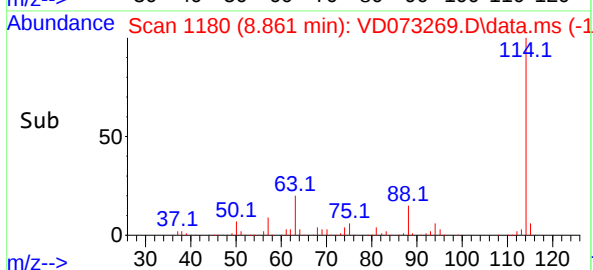
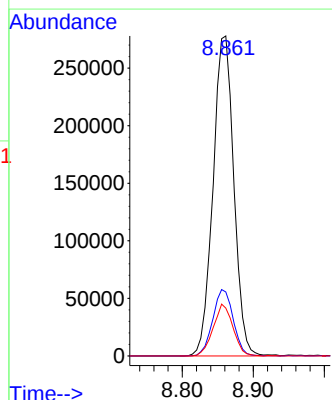
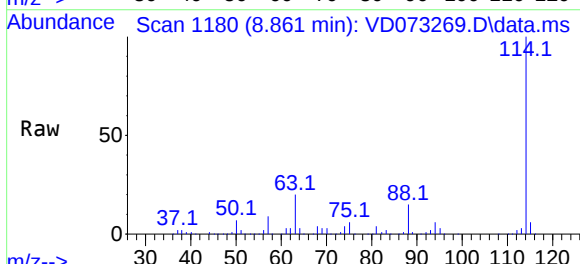
Tgt Ion: 114 Resp: 564425

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.0 0.0 33.2

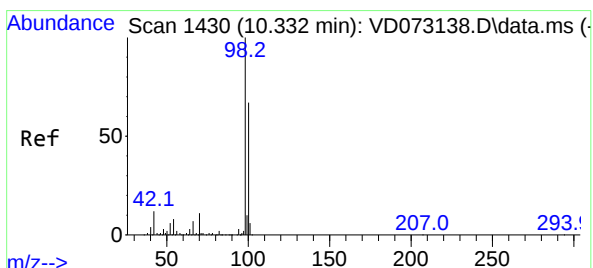
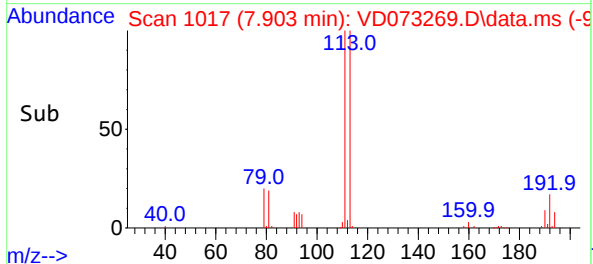
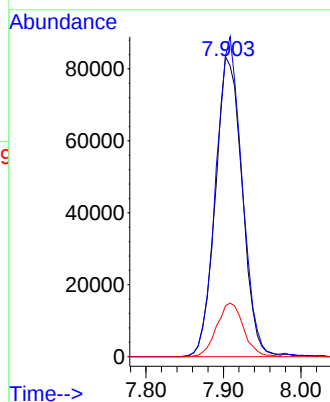
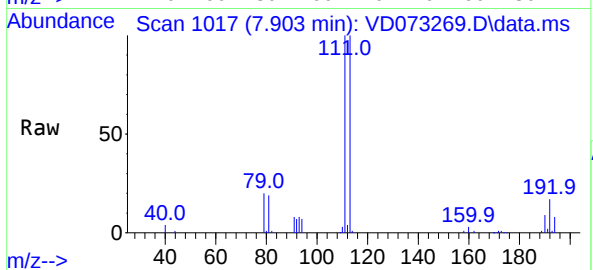




#35
Dibromofluoromethane
Concen: 53.801 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

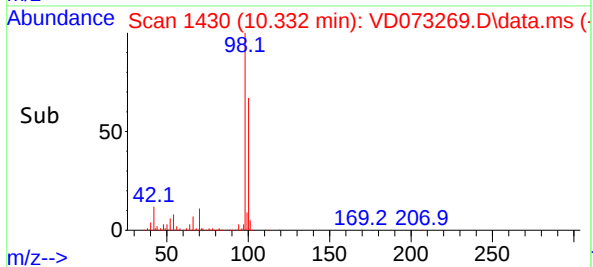
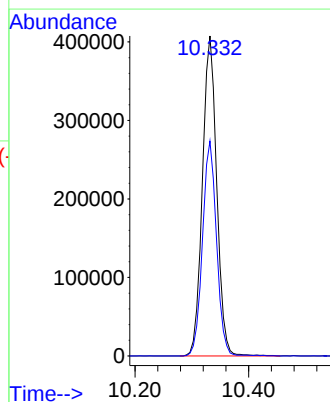
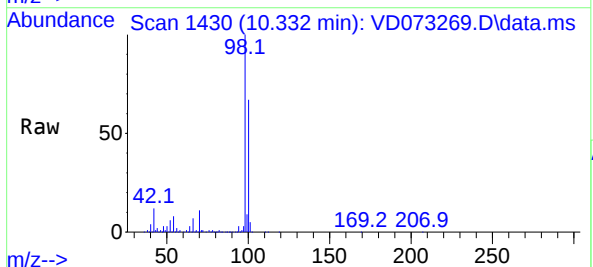
Instrument :
MSVOA_D
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P028-SS001-1218-01

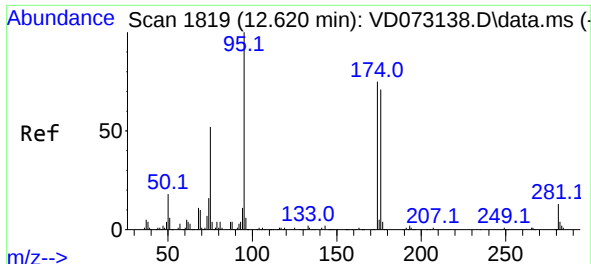
Tgt Ion:113 Resp: 200380
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 17.9 14.6 21.8



#50
Toluene-d8
Concen: 51.781 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

Tgt Ion: 98 Resp: 710909
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

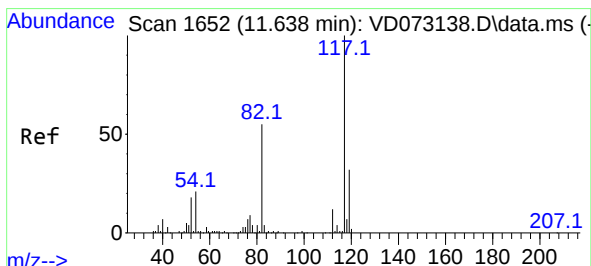
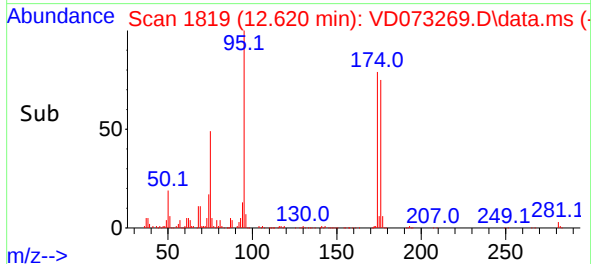
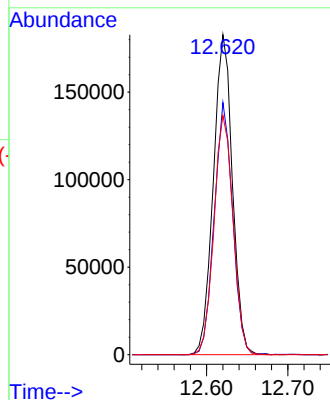
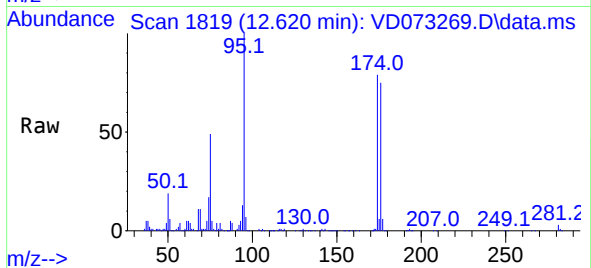




#62
4-Bromofluorobenzene
Concen: 61.975 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

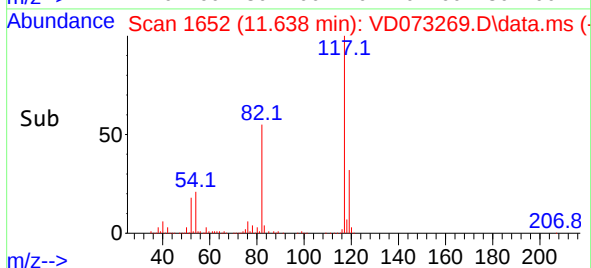
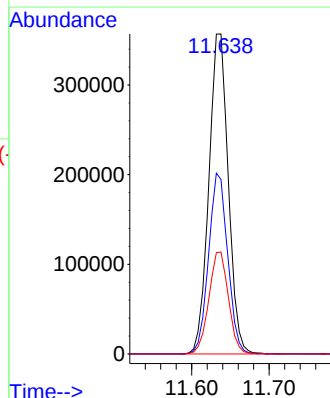
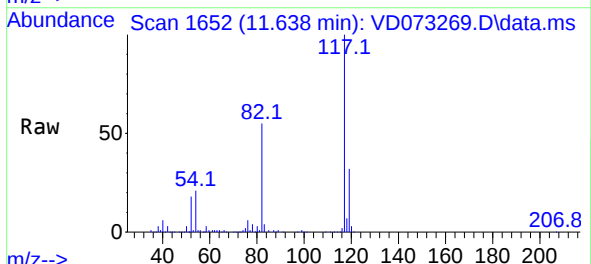
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MSVOA_D
ClientSampleId :
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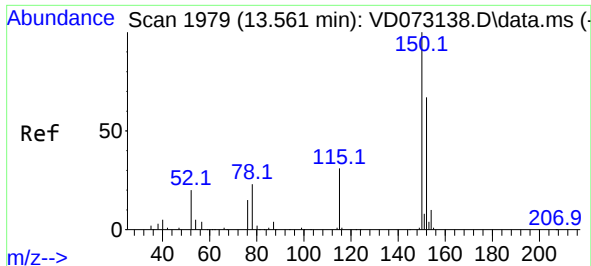
Tgt Ion:	95	Resp:	298604
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	152.8
176	74.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073269.D
Acq: 22 May 2022 11:53

Tgt Ion:	117	Resp:	621471
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	31.8	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: VD073269.D

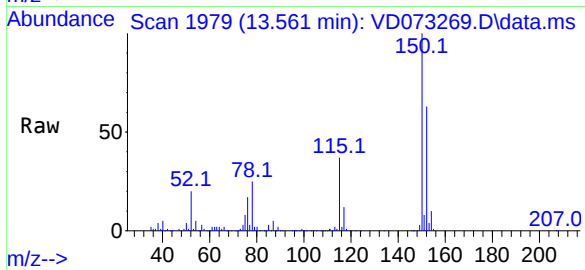
Acq: 22 May 2022 11:53

Instrument :

MSVOA_D

ClientSampleId :

P028-SS001-1218-01



Tgt Ion:152 Resp: 311847

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 156.9 0.0 348.6

