

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074164.D
 Acq On : 19 Aug 2022 22:47
 Operator : VA/SY
 Sample : N4258-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-21153

Quant Time: Aug 20 01:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

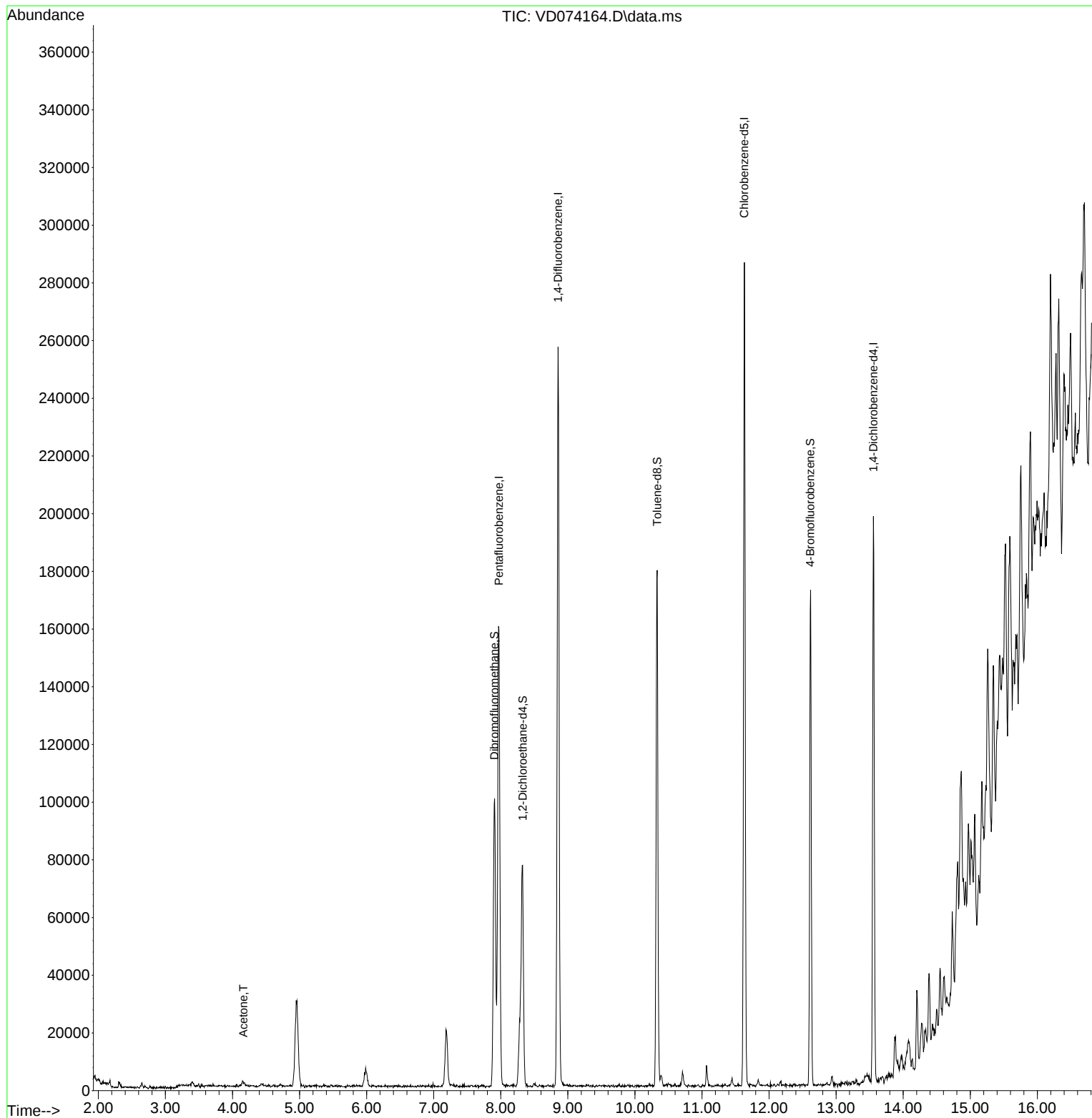
Internal Standards						
1) Pentafluorobenzene	7.973	168	115513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	215687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	165807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	52949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	60540	73.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.560%
35) Dibromofluoromethane	7.903	113	74038	71.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.680%
50) Toluene-d8	10.332	98	122940	40.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.120%
62) 4-Bromofluorobenzene	12.614	95	56018	34.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.420%
Target Compounds						
16) Acetone	4.162	43	3044	12.232	ug/l	Qvalue 90

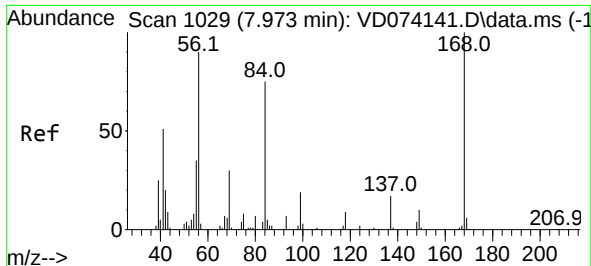
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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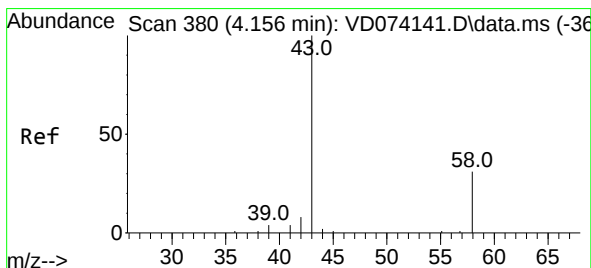
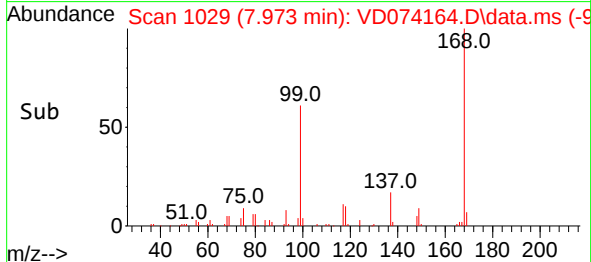
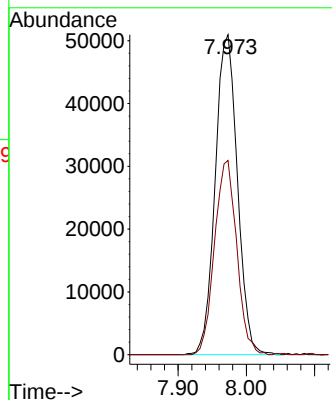
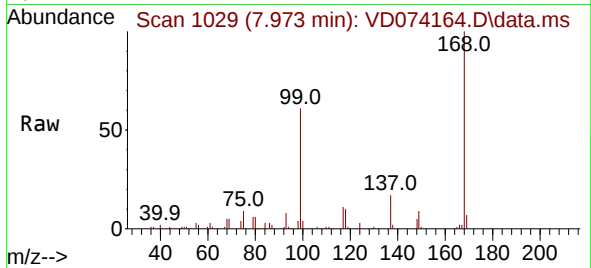




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

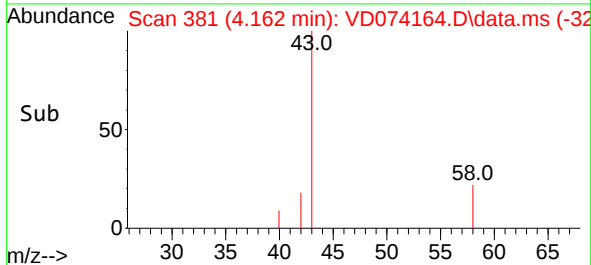
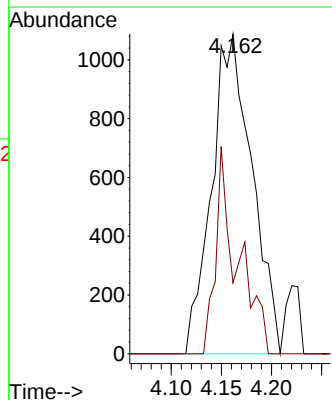
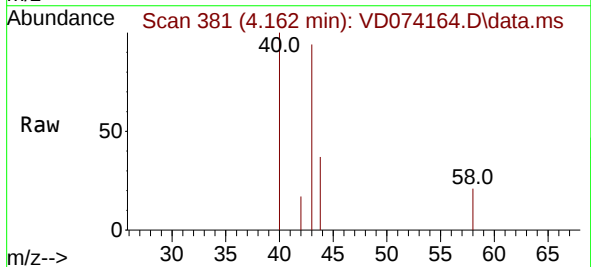
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

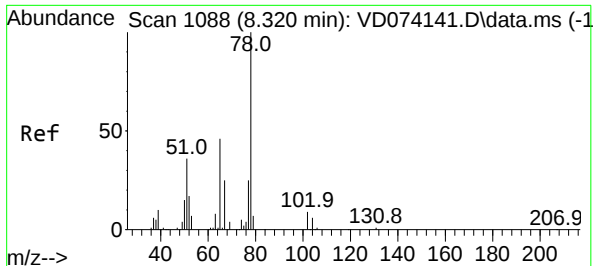
Tgt Ion:168 Resp: 115513
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#16
Acetone
Concen: 12.232 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion: 43 Resp: 3044
Ion Ratio Lower Upper
43 100
58 22.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 73.280 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD074164.D

Acq: 19 Aug 2022 22:47

Instrument :

MSVOA_D

ClientSampleId :

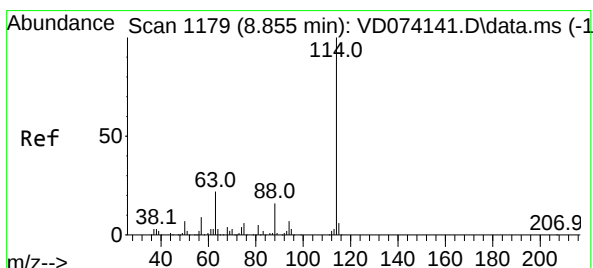
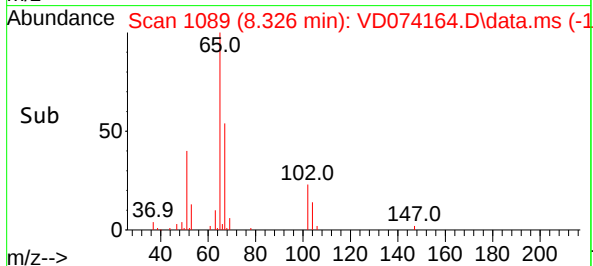
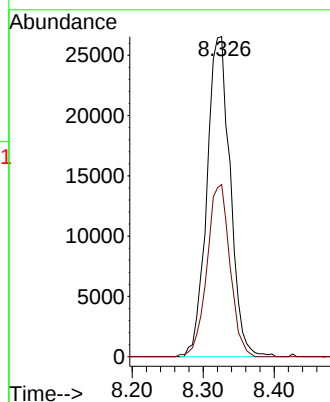
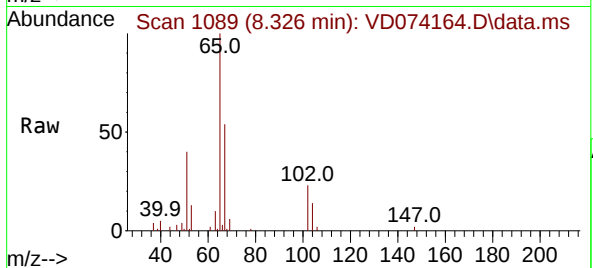
RBR-21153

Tgt Ion: 65 Resp: 60540

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074164.D

Acq: 19 Aug 2022 22:47

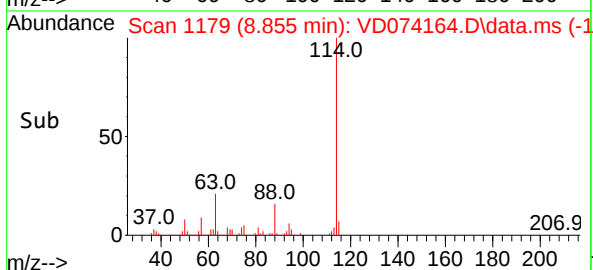
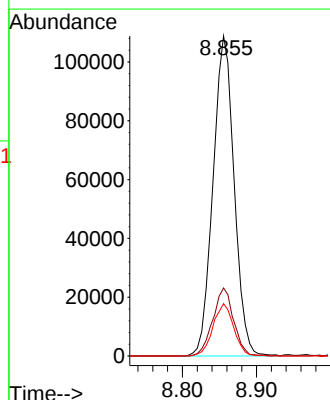
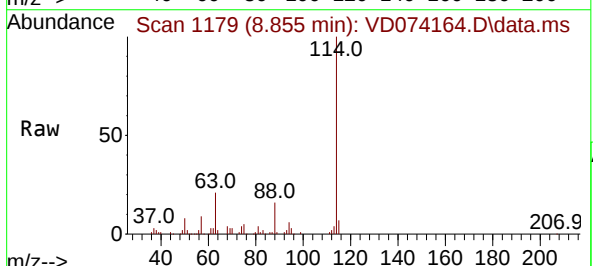
Tgt Ion: 114 Resp: 215687

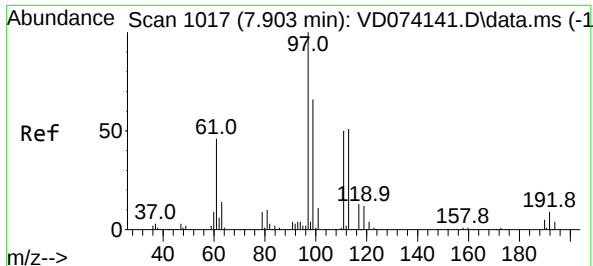
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 71.844 ug/l

RT: 7.903 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074164.D

Acq: 19 Aug 2022 22:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-21153

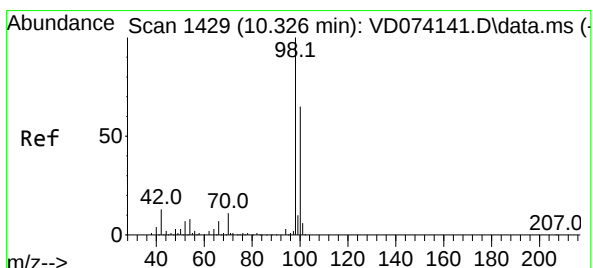
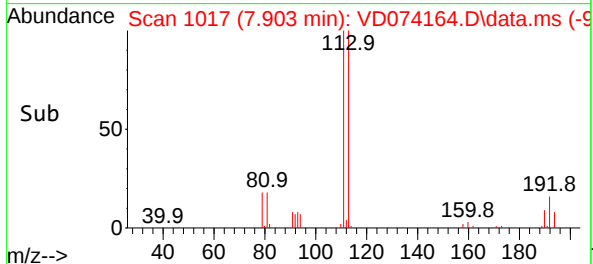
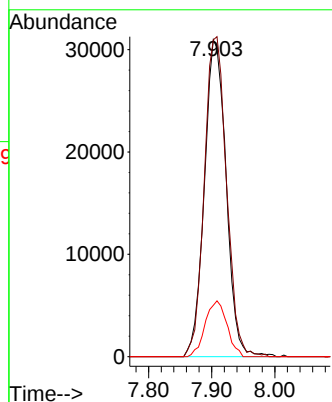
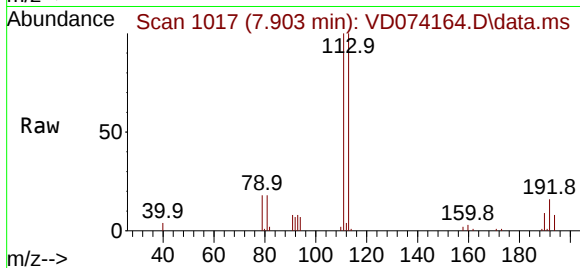
Tgt Ion:113 Resp: 74038

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.6 14.6 21.8



#50

Toluene-d8

Concen: 40.562 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VD074164.D

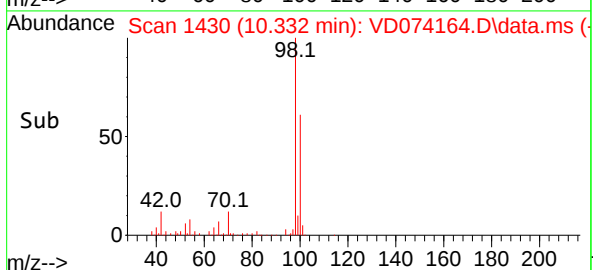
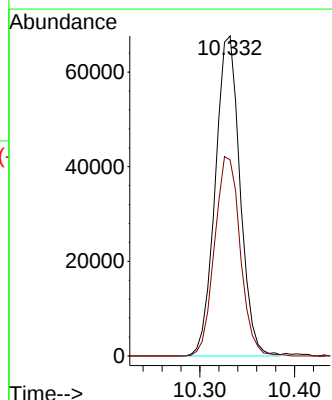
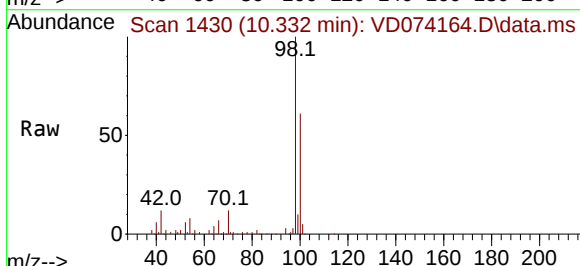
Acq: 19 Aug 2022 22:47

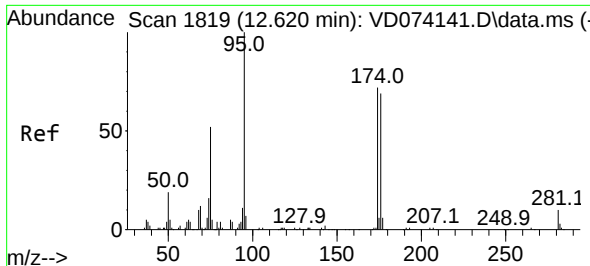
Tgt Ion: 98 Resp: 122940

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

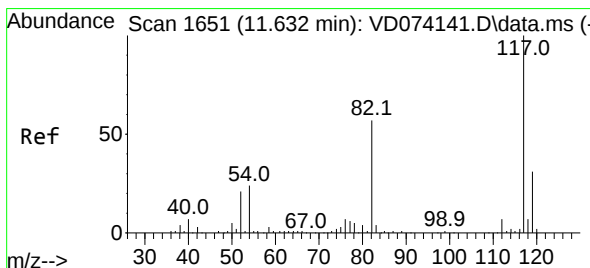
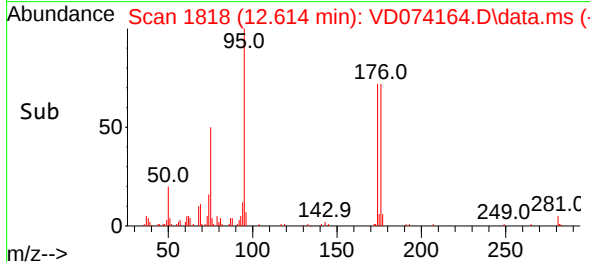
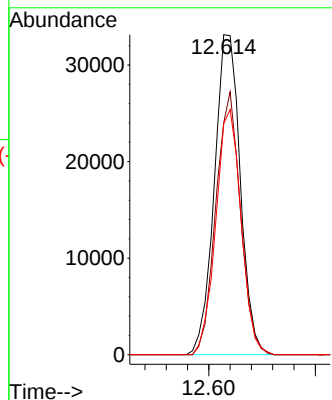
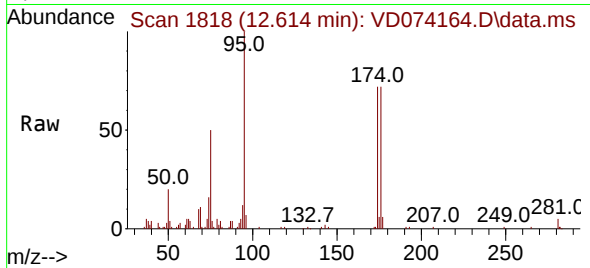




#62
4-Bromofluorobenzene
Concen: 34.709 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

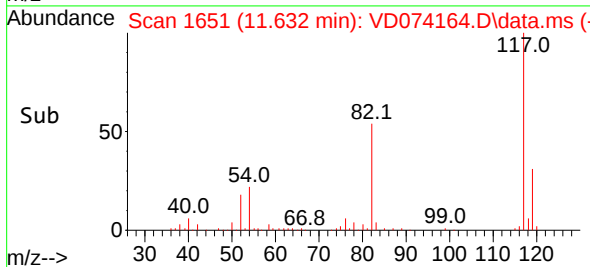
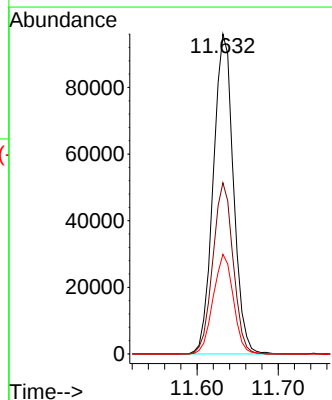
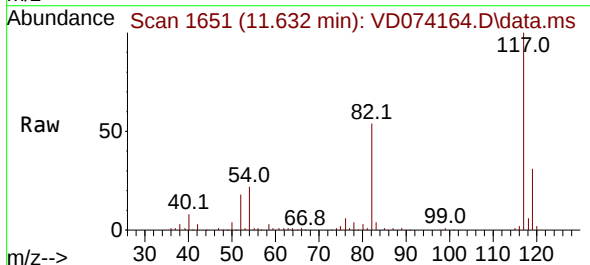
Instrument :
MSVOA_D
ClientSampleId :
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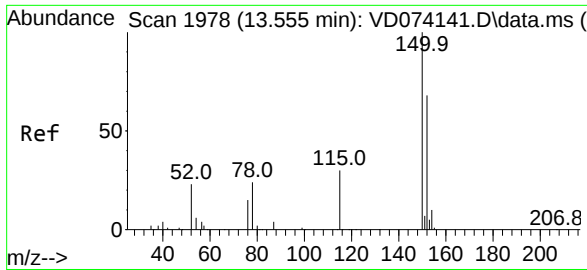
Tgt Ion:	95	Resp:	56018
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	152.8
176	74.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion:	117	Resp:	165807
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	31.1	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074164.D

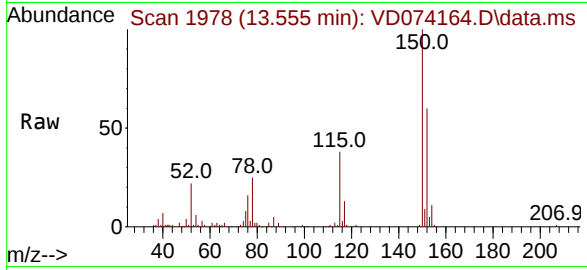
Acq: 19 Aug 2022 22:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-21153



Tgt Ion:152 Resp: 52949

Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 160.3 0.0 348.6

