

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074201.D
 Acq On : 24 Aug 2022 00:33
 Operator : VA/SY
 Sample : N4202-03RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB08RE

Quant Time: Aug 24 06:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

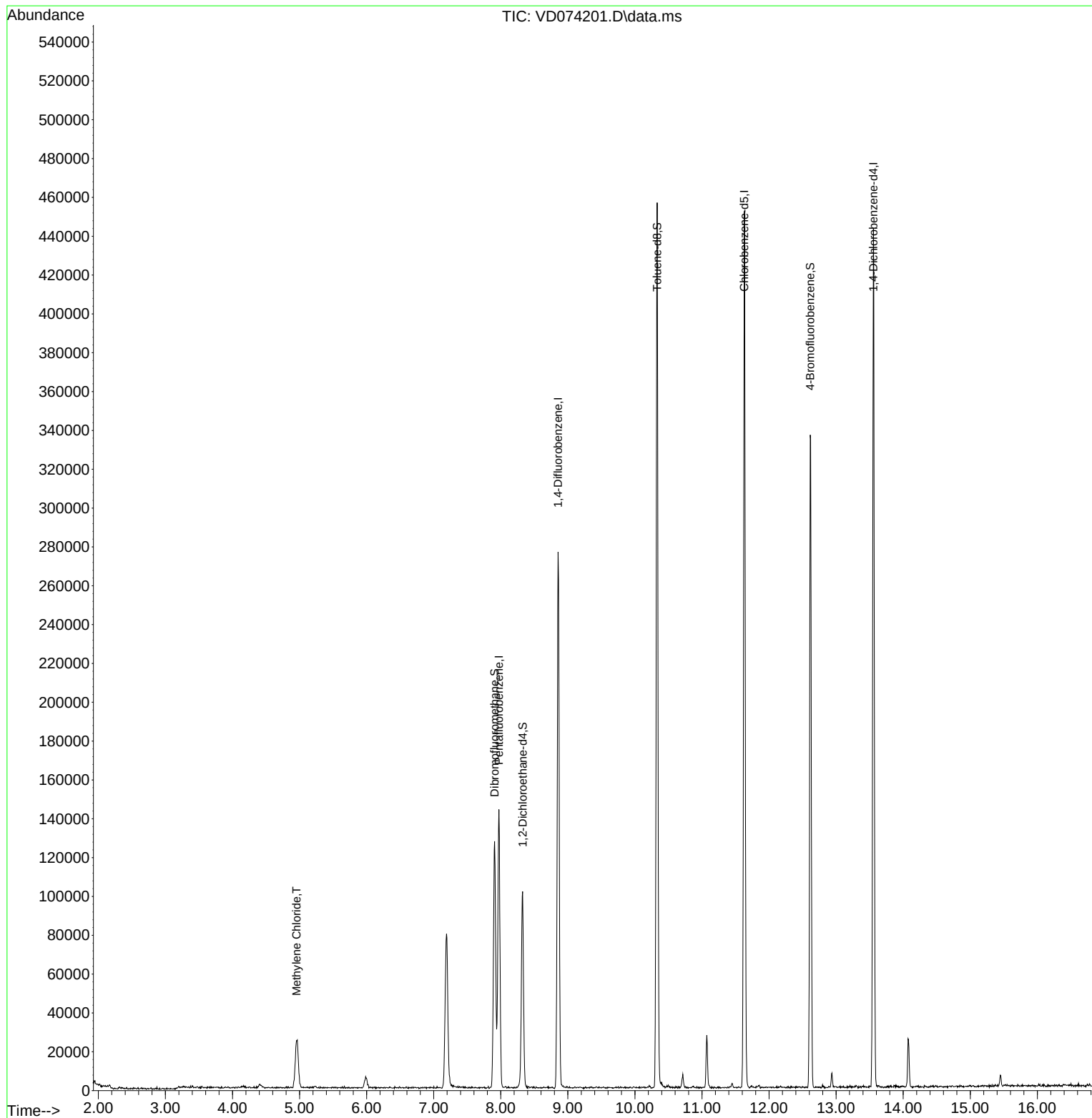
Internal Standards						
1) Pentafluorobenzene	7.973	168	101666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	253502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79852	76.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.720%
35) Dibromofluoromethane	7.908	113	91370	57.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.580%
50) Toluene-d8	10.332	98	297507	57.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.920%
62) 4-Bromofluorobenzene	12.614	95	112582	55.519	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.040%
Target Compounds						
20) Methylene Chloride	4.956	84	20138	11.476	ug/l	87

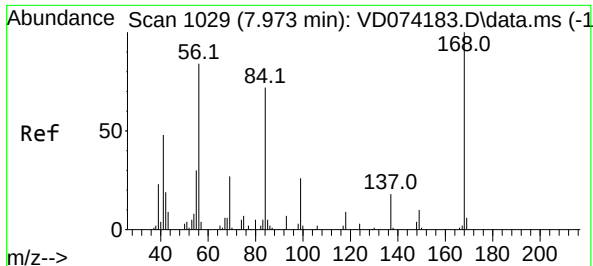
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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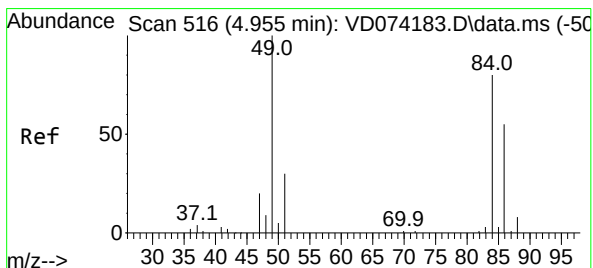
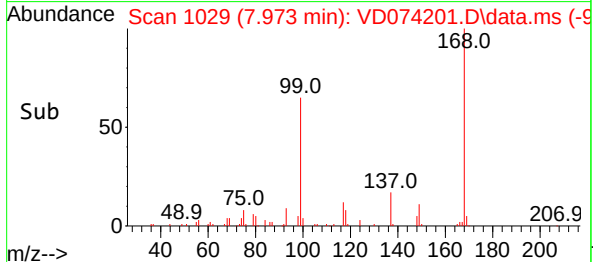
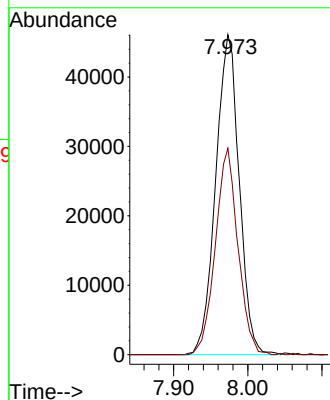
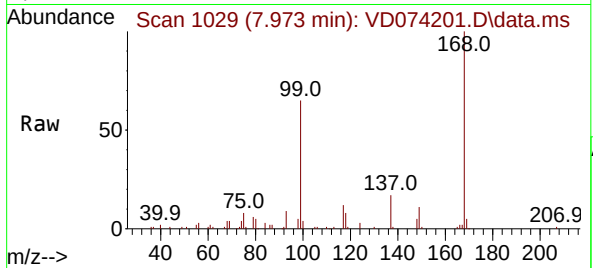




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

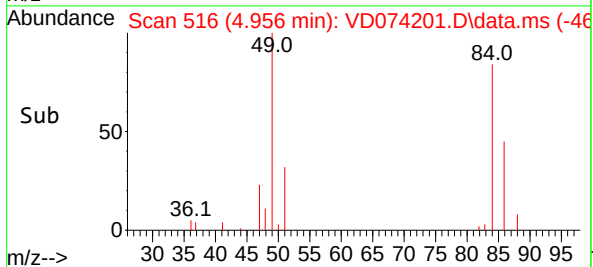
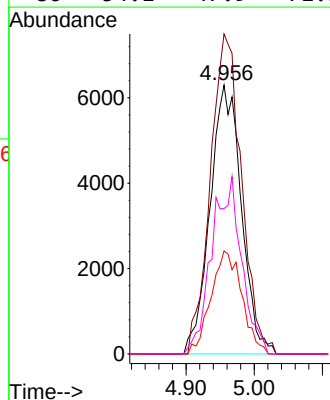
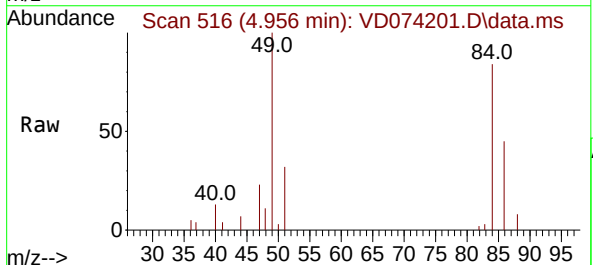
Instrument :
MSVOA_D
ClientSampleId :
SB08RE

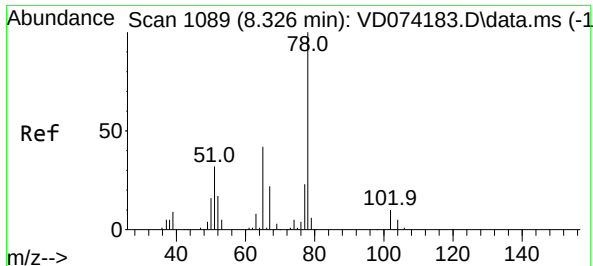
Tgt Ion:168 Resp: 101666
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#20
Methylene Chloride
Concen: 11.476 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

Tgt Ion: 84 Resp: 20138
Ion Ratio Lower Upper
84 100
49 119.0 112.8 169.2
51 38.3 32.6 48.8
86 54.1 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 76.864 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD074201.D

Acq: 24 Aug 2022 00:33

Instrument :

MSVOA_D

ClientSampleId :

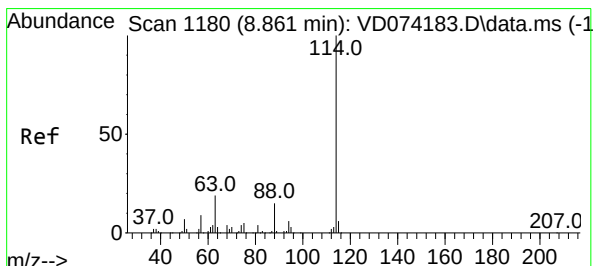
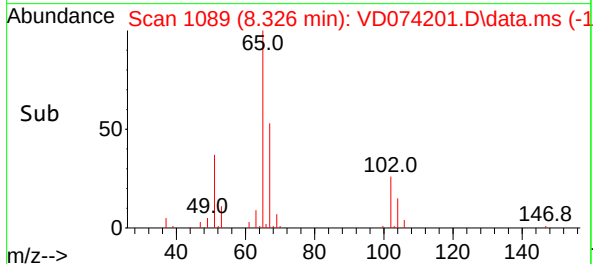
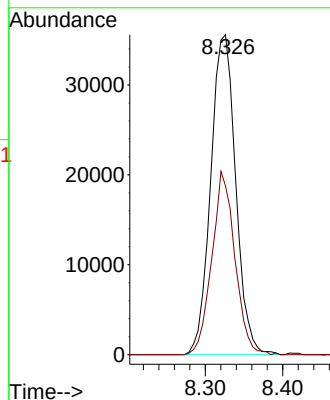
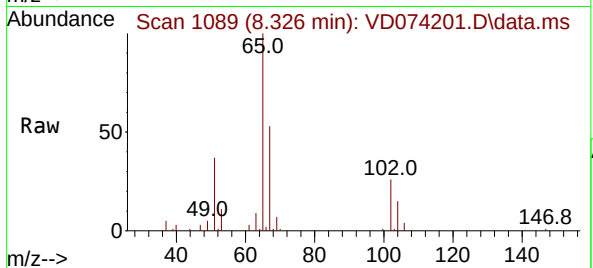
SB08RE

Tgt Ion: 65 Resp: 79852

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074201.D

Acq: 24 Aug 2022 00:33

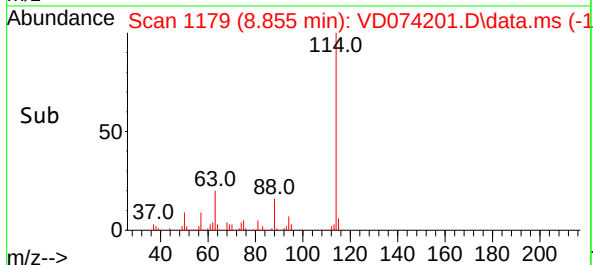
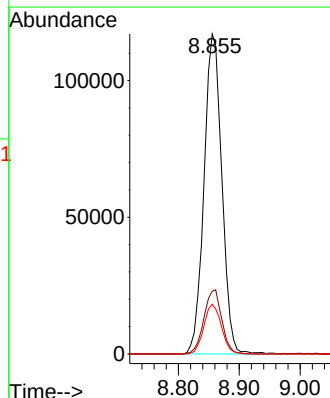
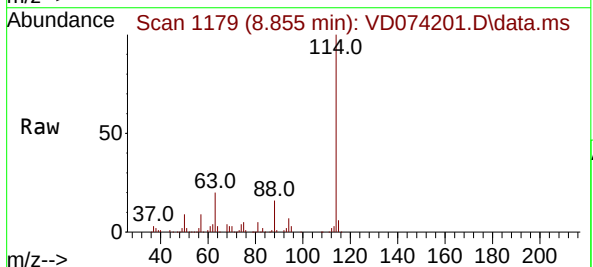
Tgt Ion: 114 Resp: 238438

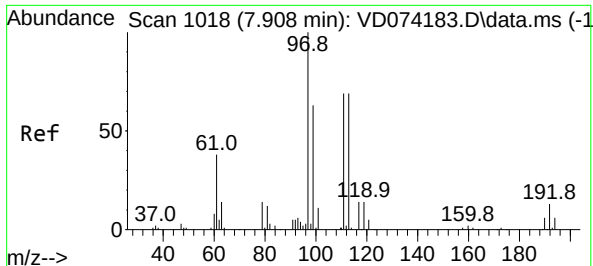
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.5 0.0 33.2

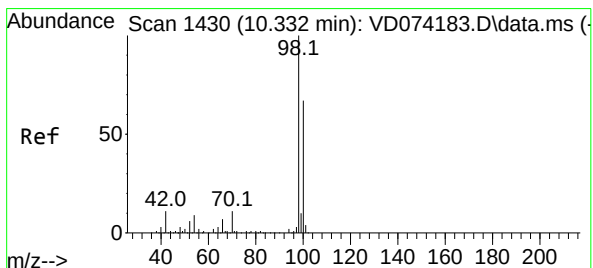
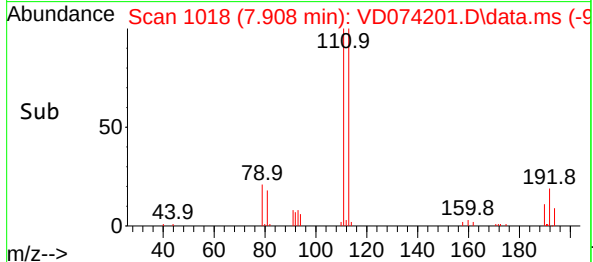
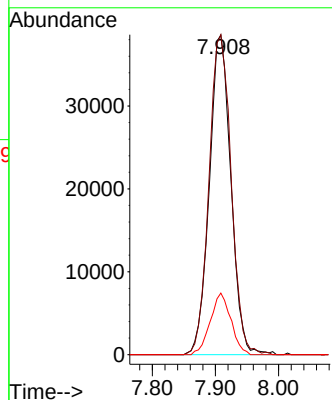
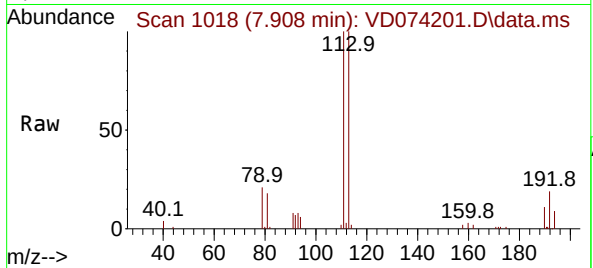




#35
Dibromofluoromethane
Concen: 57.290 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

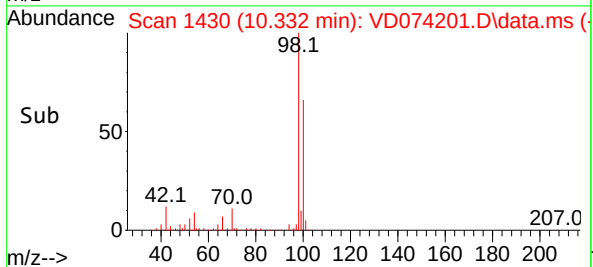
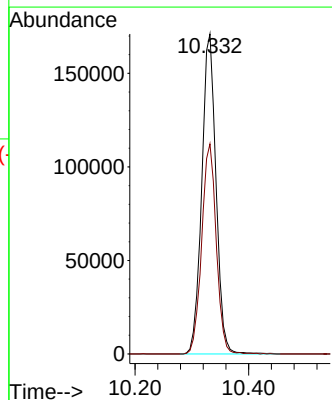
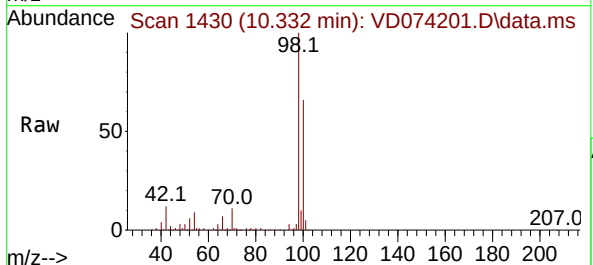
Instrument :
MSVOA_D
ClientSampleId :
SB08RE

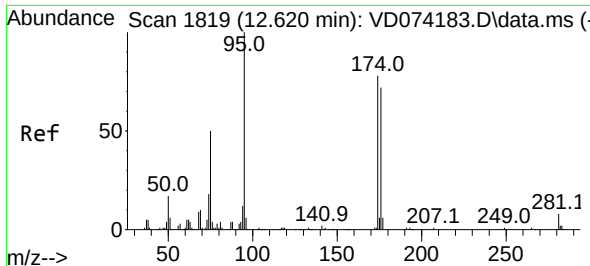
Tgt Ion:113 Resp: 91370
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.5 14.6 21.8



#50
Toluene-d8
Concen: 57.960 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

Tgt Ion: 98 Resp: 297507
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

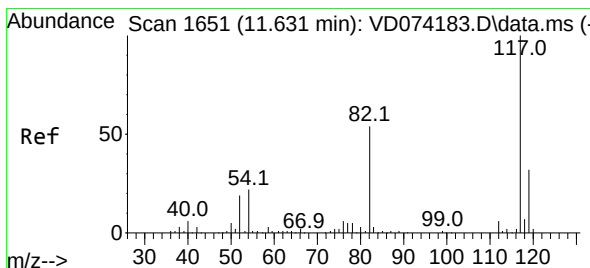
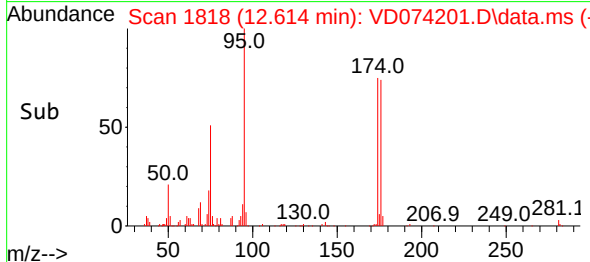
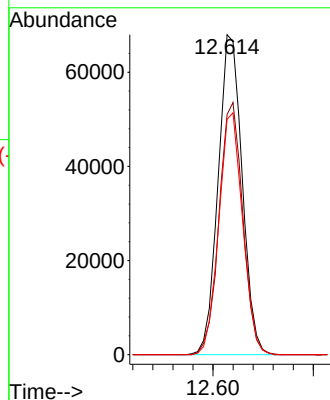
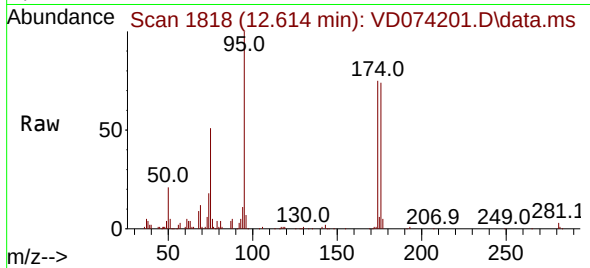




#62
4-Bromofluorobenzene
Concen: 55.519 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

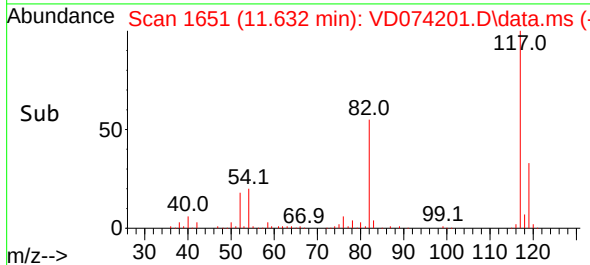
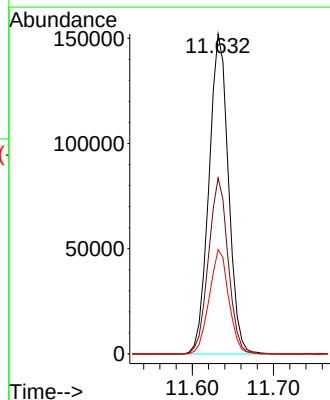
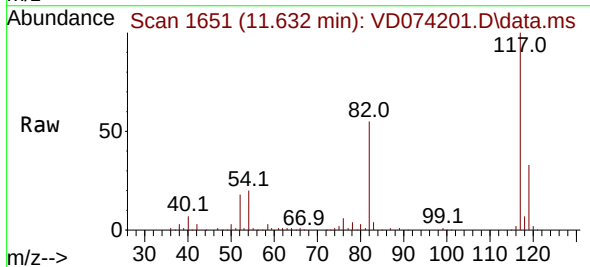
Instrument :
MSVOA_D
ClientSampleId :
SB08RE

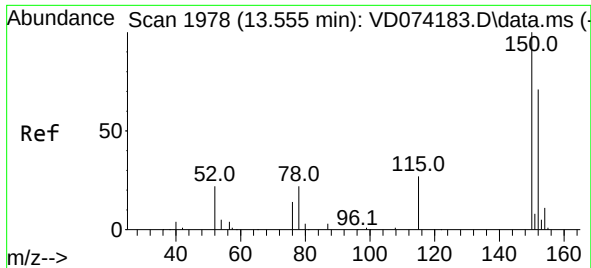
Tgt Ion: 95 Resp: 112582
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 75.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074201.D
Acq: 24 Aug 2022 00:33

Tgt Ion: 117 Resp: 253502
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 32.6 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: VD074201.D

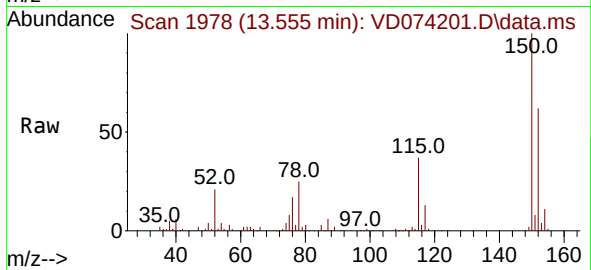
Acq: 24 Aug 2022 00:33

Instrument :

MSVOA_D

ClientSampleId :

SB08RE



Tgt Ion:152 Resp: 117587

Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

150 156.7 0.0 348.6

