

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074197.D
 Acq On : 23 Aug 2022 22:08
 Operator : VA/SY
 Sample : VD0823SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBL02

Quant Time: Aug 24 06:21:55 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)

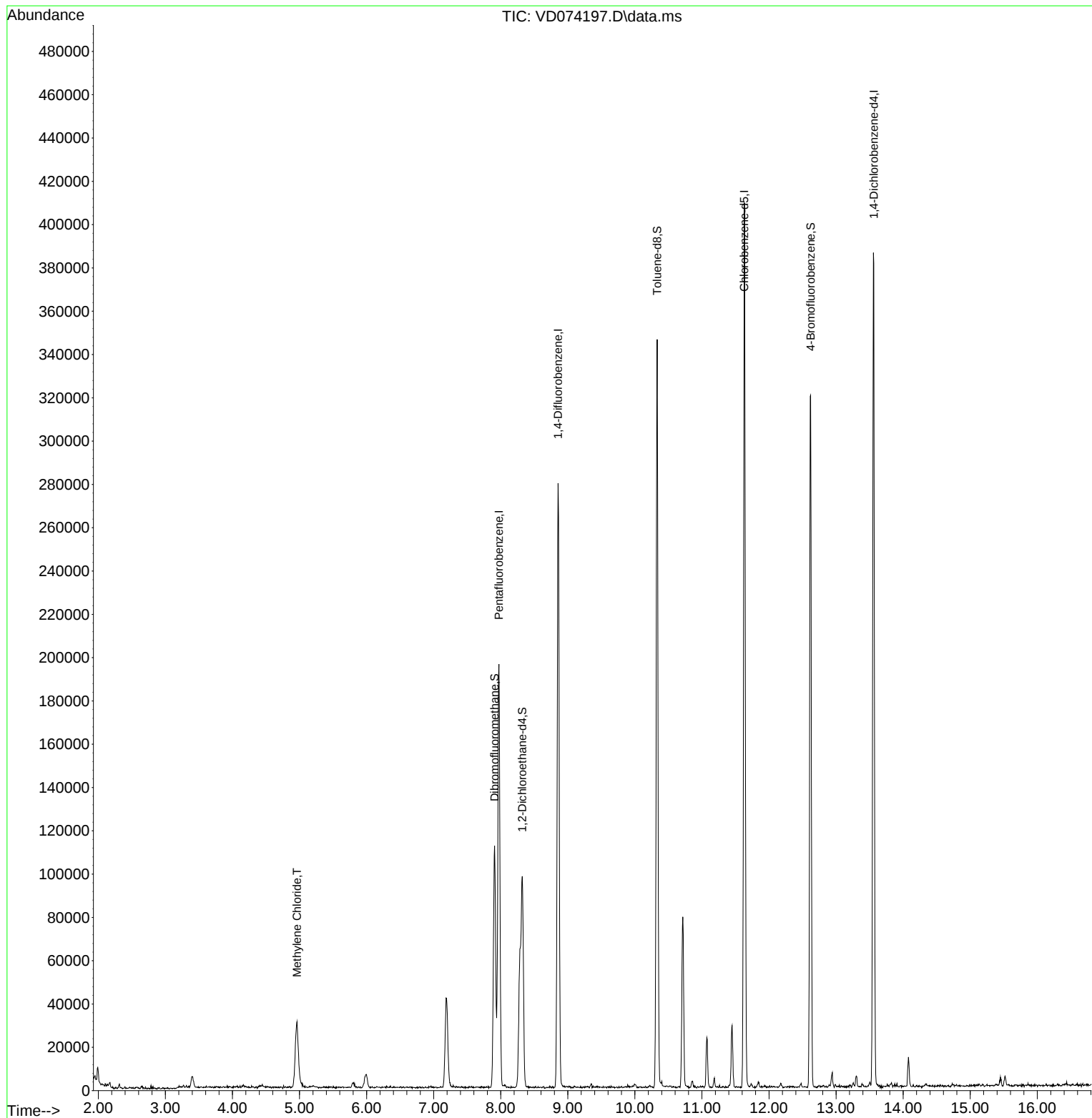
Internal Standards						
1) Pentafluorobenzene	7.973	168	140307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	235857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	74400	51.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.908	113	82098	51.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.332	98	229080	44.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.340%	
62) 4-Bromofluorobenzene	12.620	95	96181	47.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.960%	
Target Compounds						Qvalue
20) Methylene Chloride	4.962	84	23208	8.509	ug/l	# 83

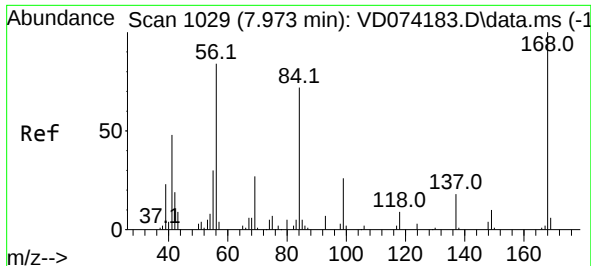
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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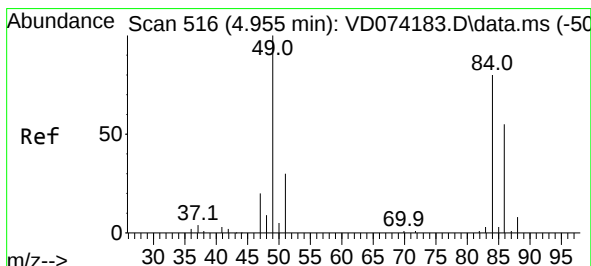
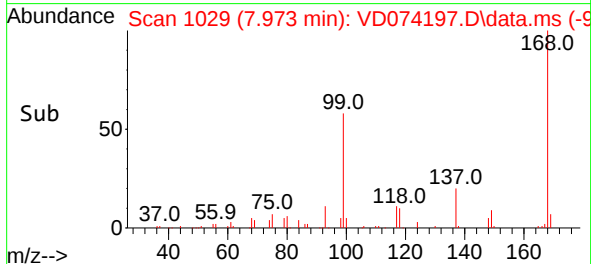
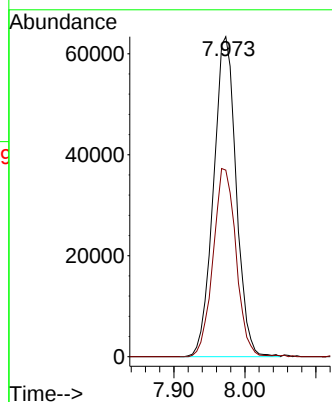
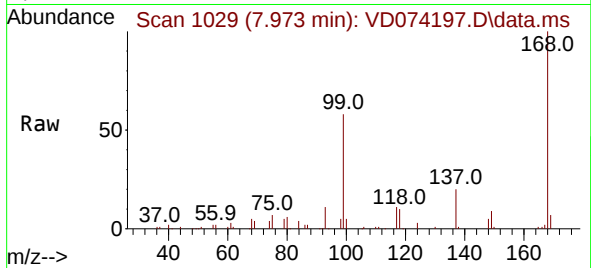




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

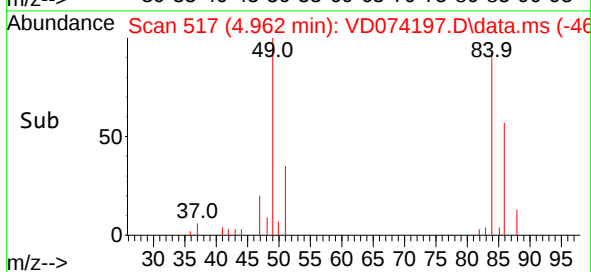
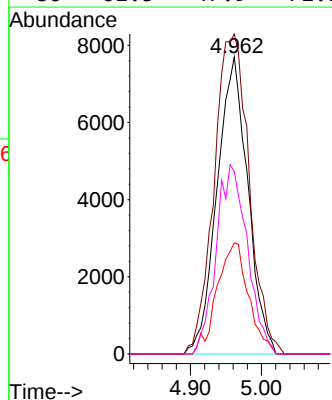
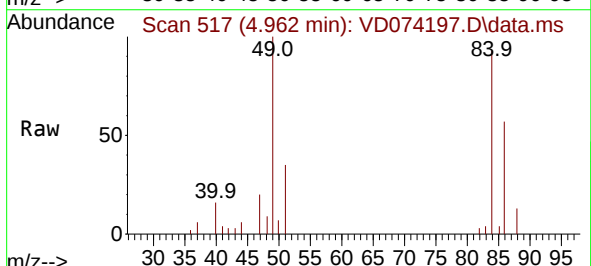
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

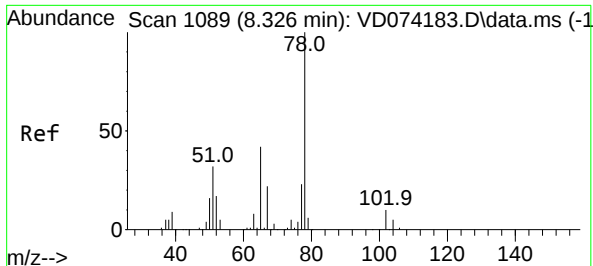
Tgt Ion:168 Resp: 140307
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#20
Methylene Chloride
Concen: 8.509 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.007 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 84 Resp: 23208
Ion Ratio Lower Upper
84 100
49 107.7 112.8 169.2#
51 37.4 32.6 48.8
86 61.5 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 51.893 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074197.D

Acq: 23 Aug 2022 22:08

Instrument :

MSVOA_D

ClientSampleId :

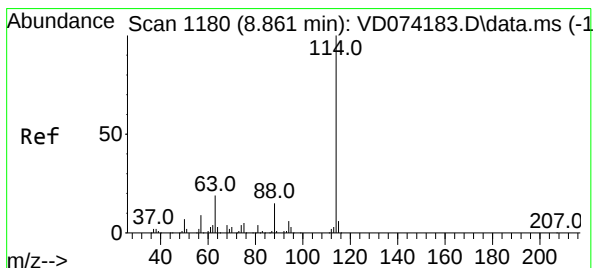
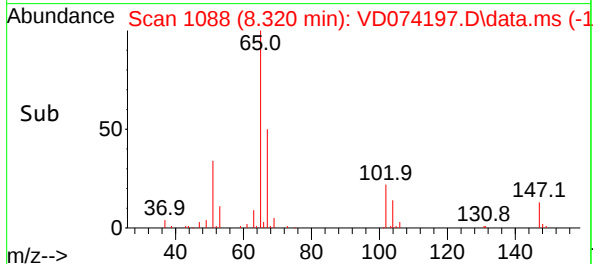
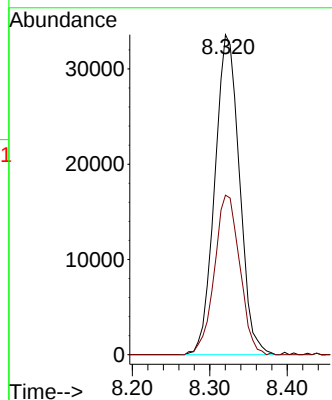
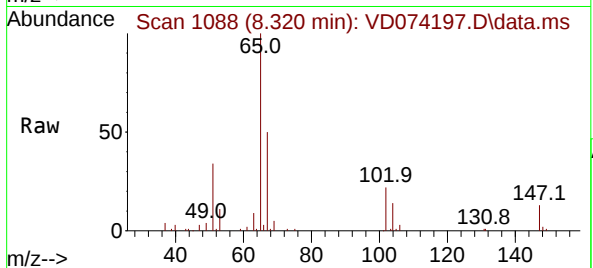
VD0823SBL02

Tgt Ion: 65 Resp: 74400

Ion Ratio Lower Upper

65 100

67 51.4 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: VD074197.D

Acq: 23 Aug 2022 22:08

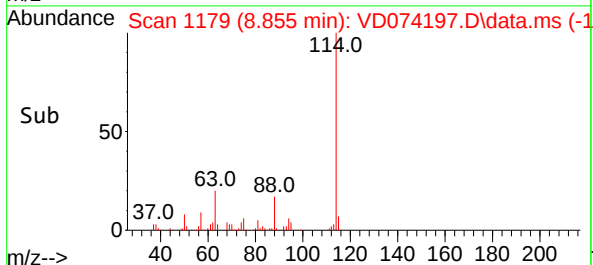
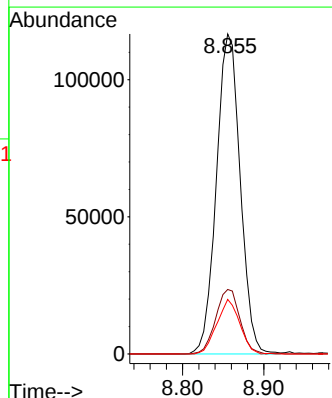
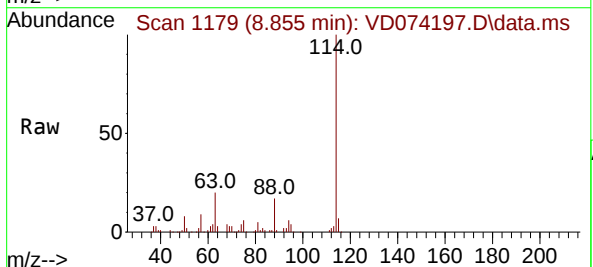
Tgt Ion: 114 Resp: 238194

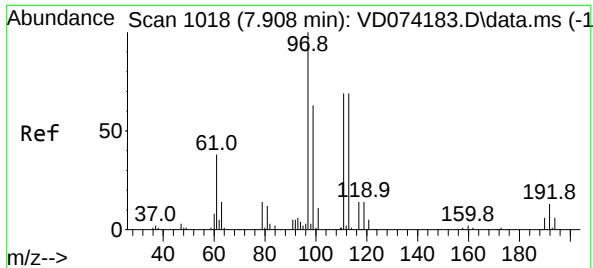
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 17.1 0.0 33.2

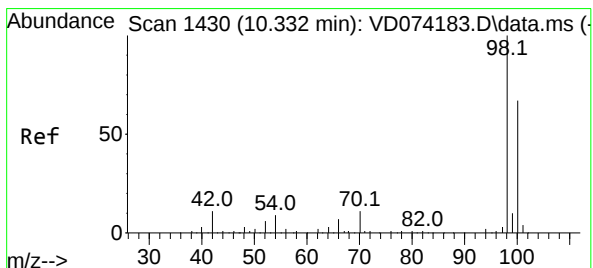
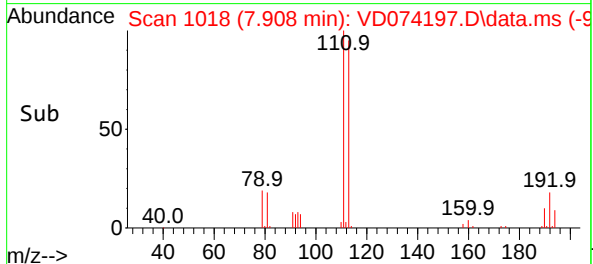
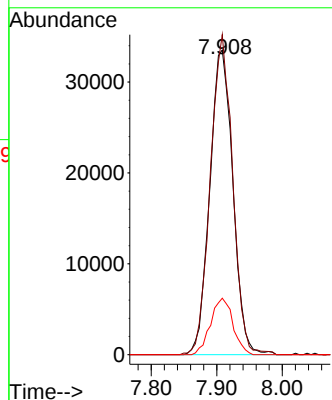
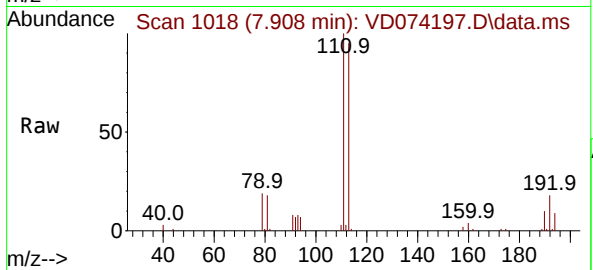




#35
Dibromofluoromethane
Concen: 51.529 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

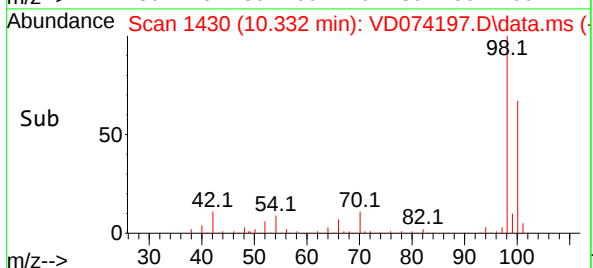
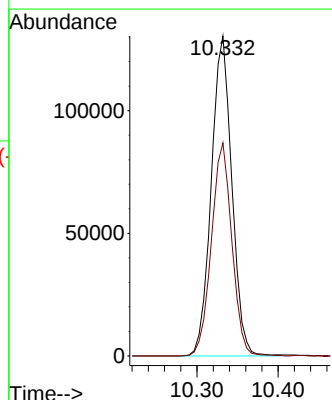
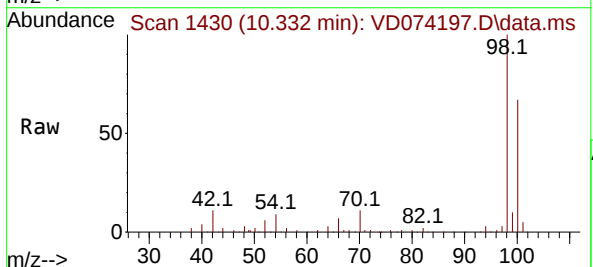
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

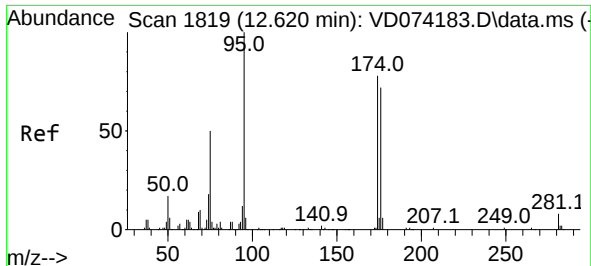
Tgt Ion:113 Resp: 82098
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 44.675 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

Tgt Ion: 98 Resp: 229080
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

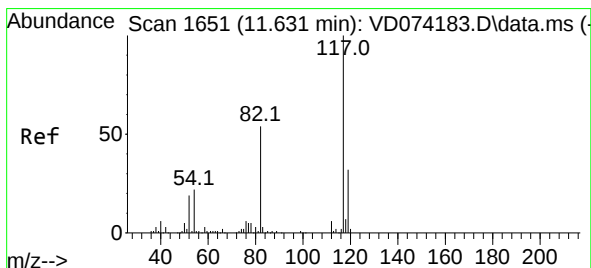
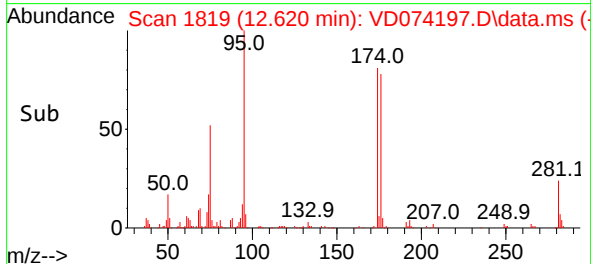
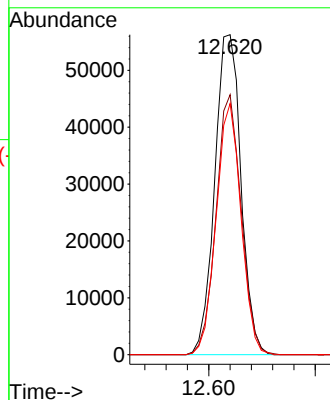
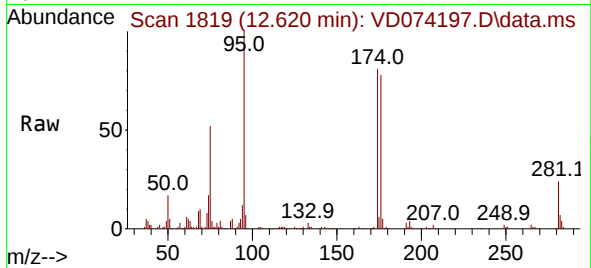




#62
4-Bromofluorobenzene
Concen: 47.480 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

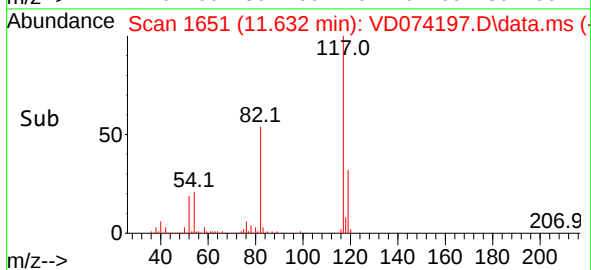
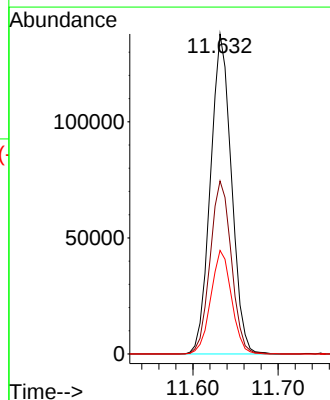
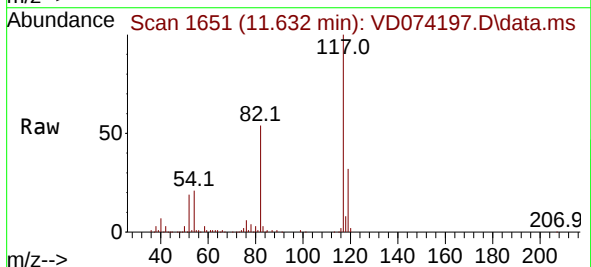
Instrument :
MSVOA_D
ClientSampleId :
VD0823SBL02

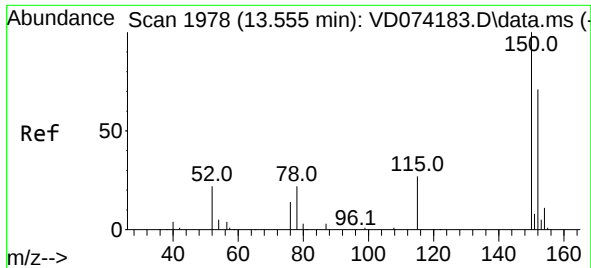
Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	152.8
176	74.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074197.D
Acq: 23 Aug 2022 22:08

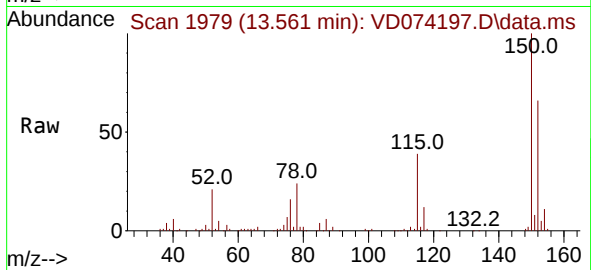
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.3	67.9
119	32.3	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074197.D
 Acq: 23 Aug 2022 22:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0823SBL02



Tgt Ion:152 Resp: 108374
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 154.9 0.0 348.6

