

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074209.D
 Acq On : 24 Aug 2022 04:24
 Operator : VA/SY
 Sample : N4215-05RE
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3RE

Quant Time: Aug 24 06:28:02 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)

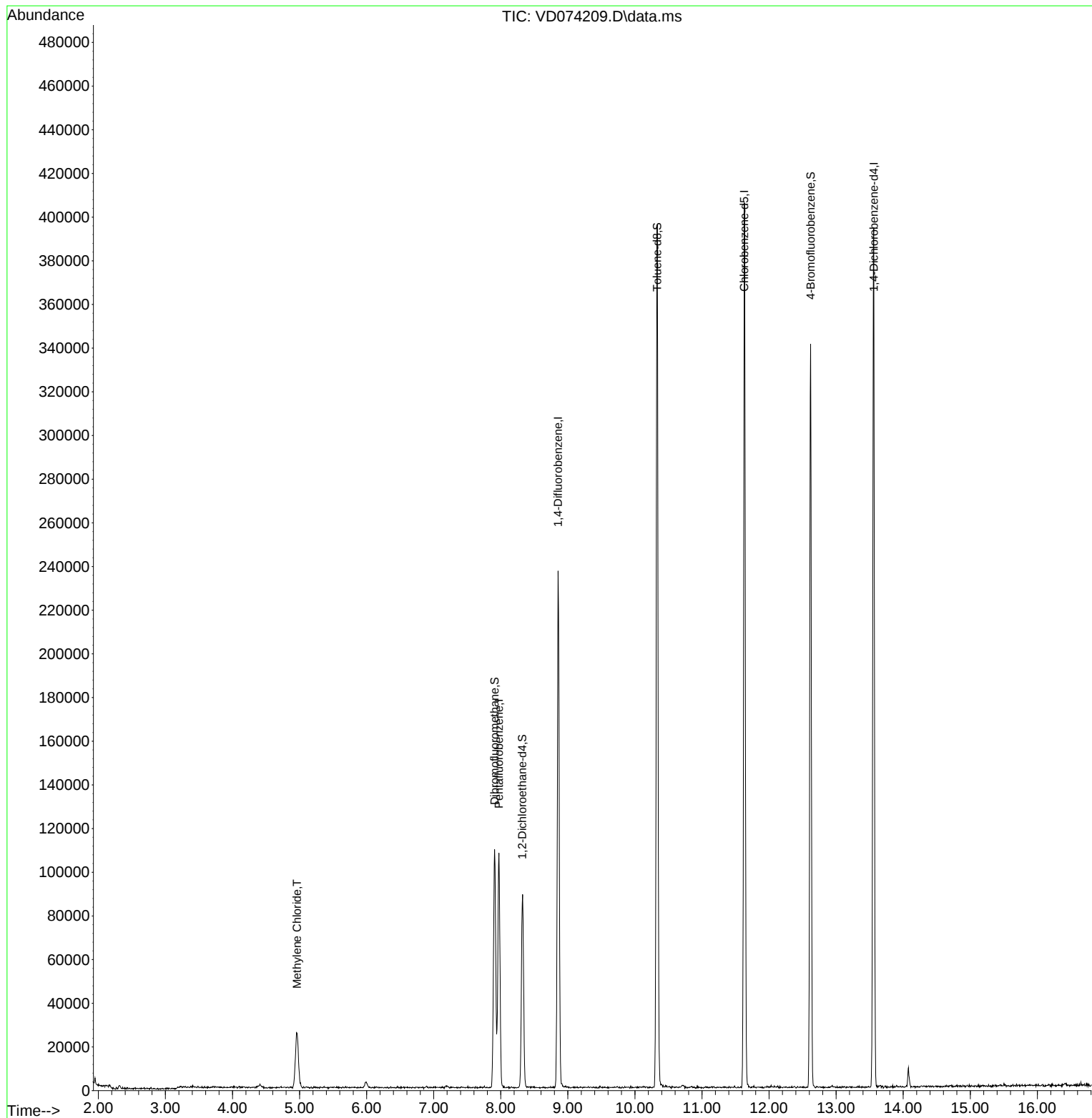
Internal Standards						
1) Pentafluorobenzene	7.973	168	75789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	196649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73943	95.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.960%#	
35) Dibromofluoromethane	7.908	113	79676	60.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.140%	
50) Toluene-d8	10.332	98	266070	62.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.700%	
62) 4-Bromofluorobenzene	12.620	95	106032	63.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.961	84	20140	17.622	ug/l #	84

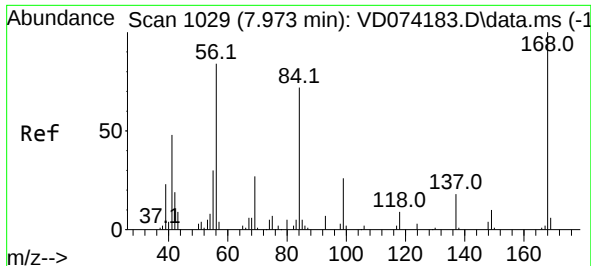
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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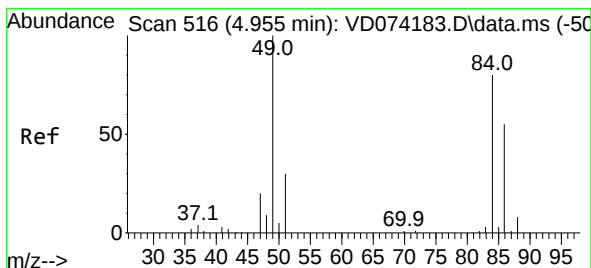
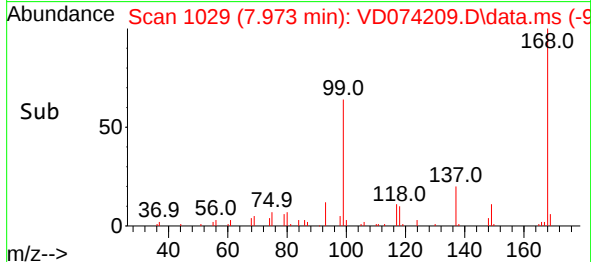
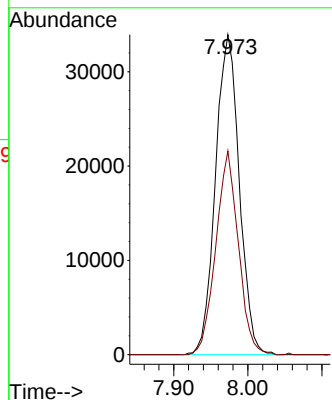
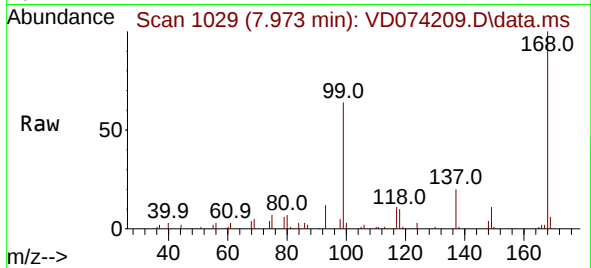




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

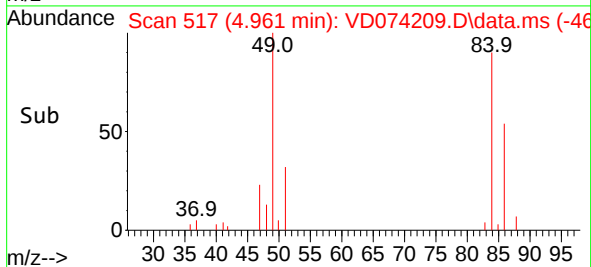
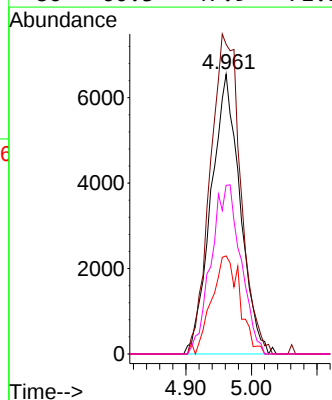
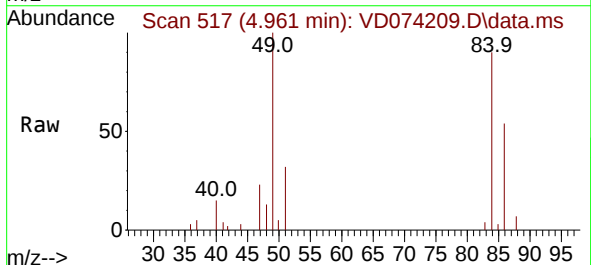
Instrument :
MSVOA_D
ClientSampleId :
WC-3RE

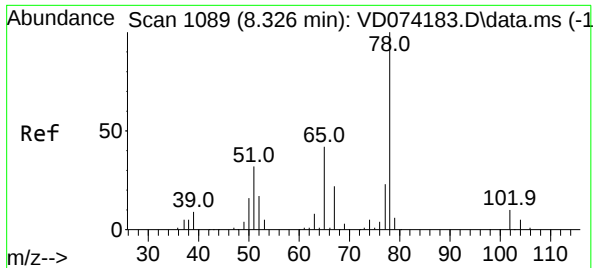
Tgt Ion:168 Resp: 75789
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#20
Methylene Chloride
Concen: 17.622 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 84 Resp: 20140
Ion Ratio Lower Upper
84 100
49 110.7 112.8 169.2#
51 35.1 32.6 48.8
86 60.3 47.9 71.9





#33

1,2-Dichloroethane-d4

Concen: 95.478 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

Instrument :

MSVOA_D

ClientSampleId :

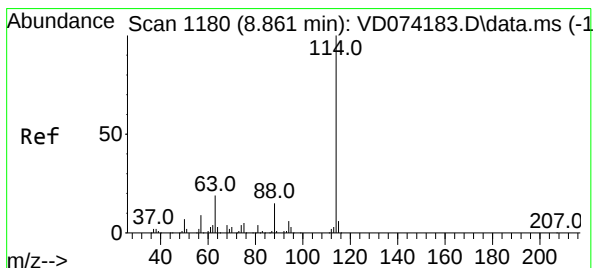
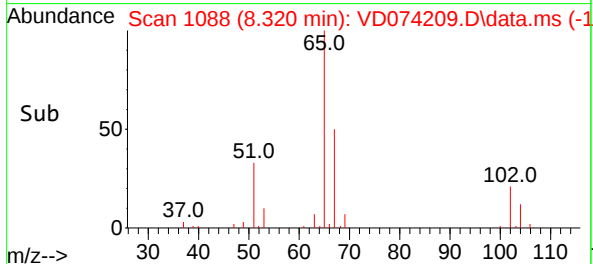
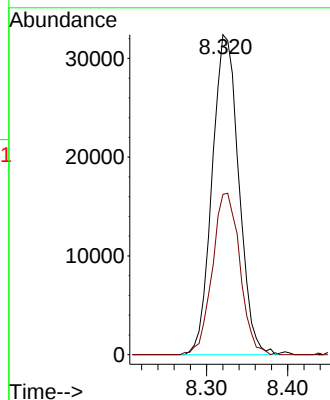
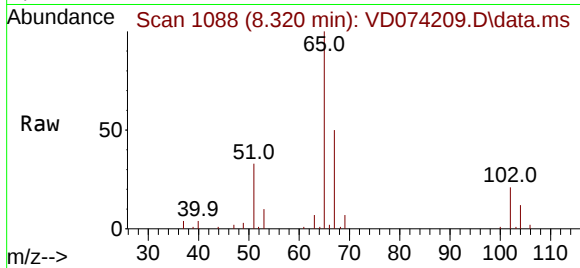
WC-3RE

Tgt Ion: 65 Resp: 73943

Ion Ratio Lower Upper

65 100

67 52.1 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: VD074209.D

Acq: 24 Aug 2022 04:24

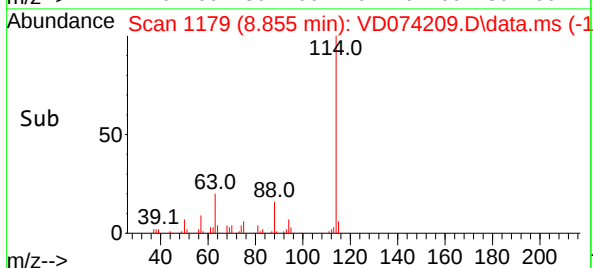
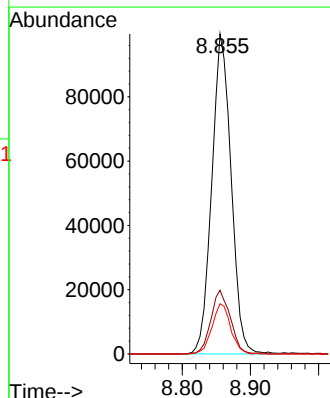
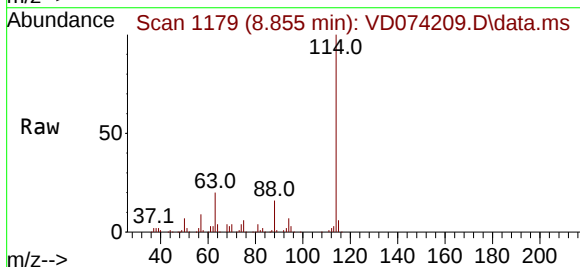
Tgt Ion: 114 Resp: 196649

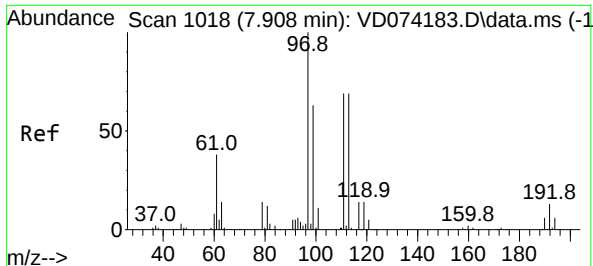
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 60.574 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

Instrument :

MSVOA_D

ClientSampleId :

WC-3RE

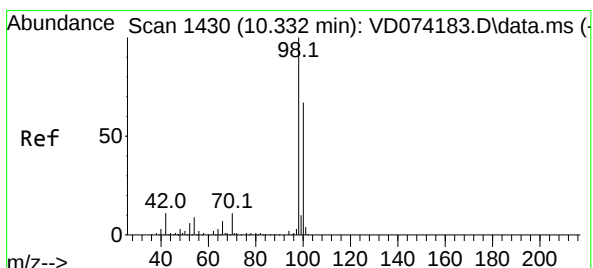
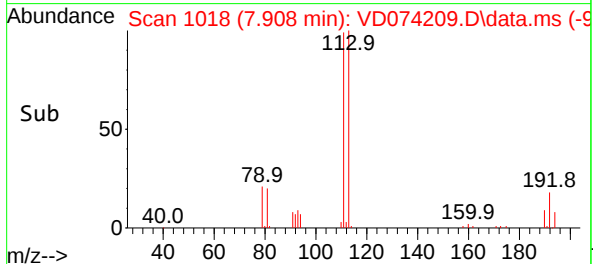
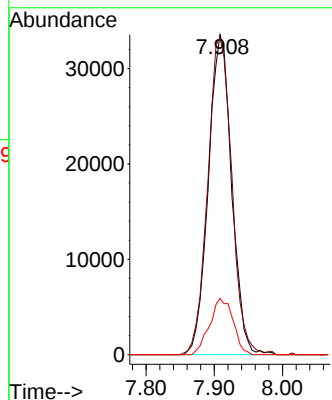
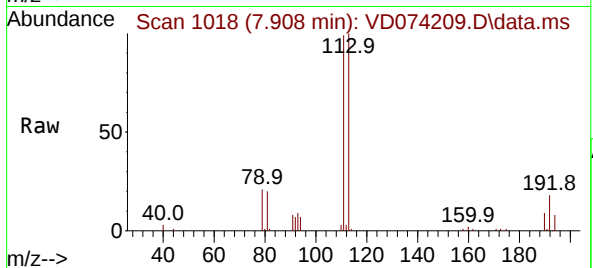
Tgt Ion:113 Resp: 79676

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.7 14.6 21.8



#50

Toluene-d8

Concen: 62.851 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074209.D

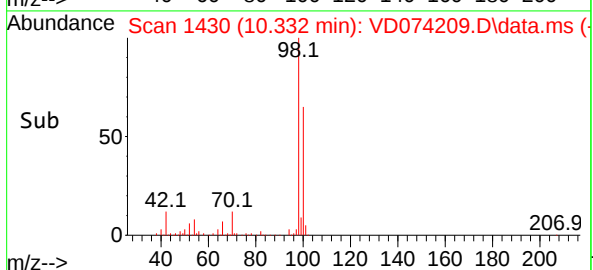
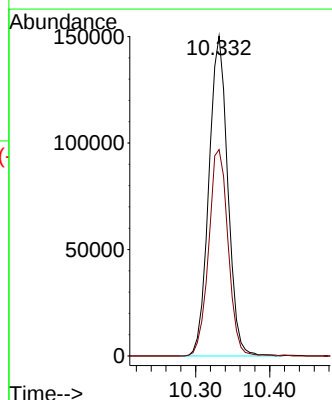
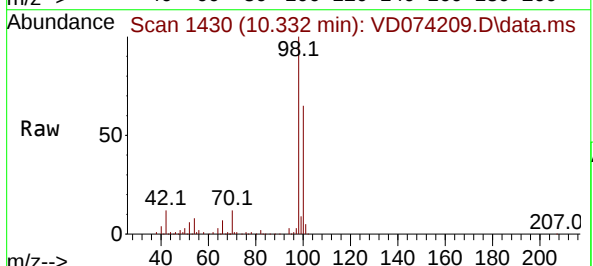
Acq: 24 Aug 2022 04:24

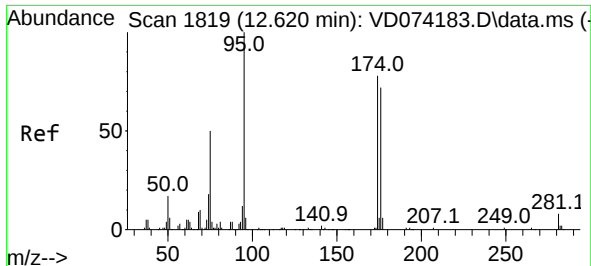
Tgt Ion: 98 Resp: 266070

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

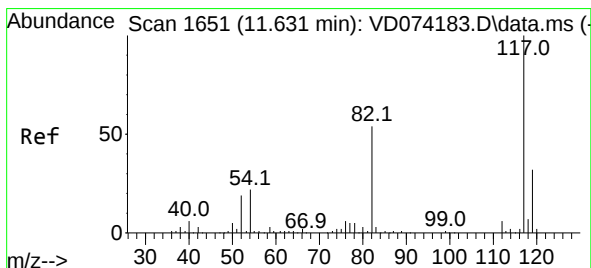
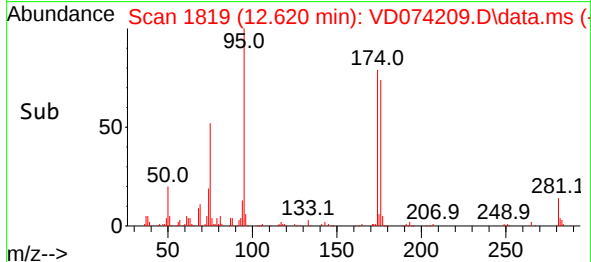
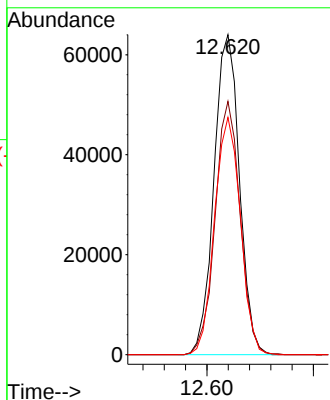
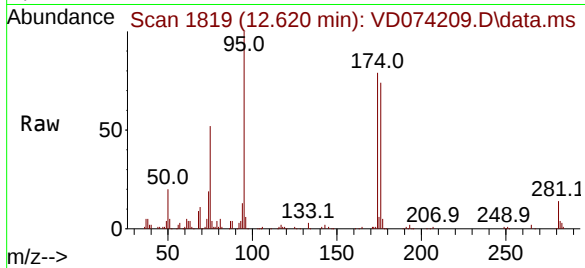




#62
4-Bromofluorobenzene
Concen: 63.401 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

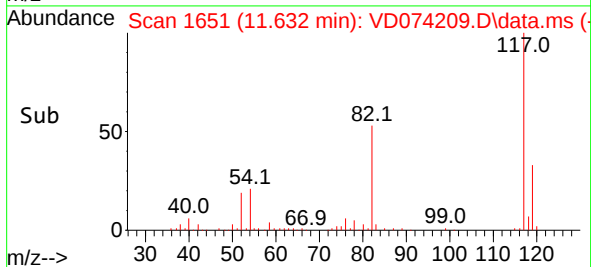
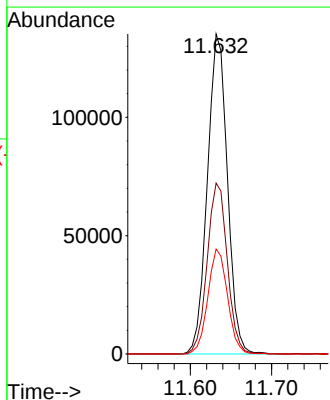
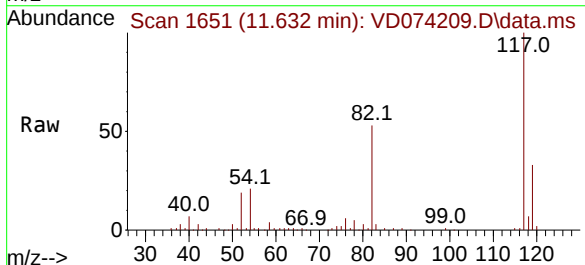
Instrument :
MSVOA_D
ClientSampleId :
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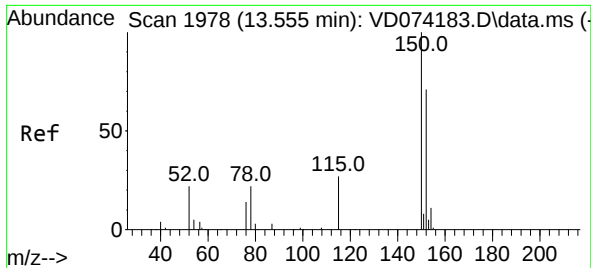
Tgt Ion:	95	Resp:	106032
Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	152.8
176	75.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

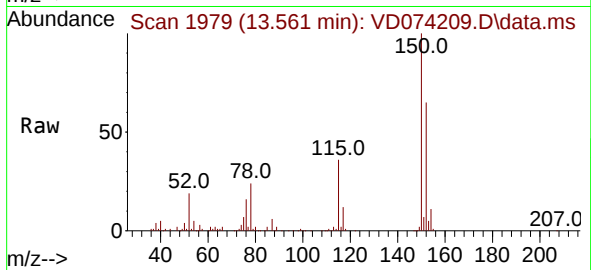
Tgt Ion:	117	Resp:	231537
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.3	67.9
119	32.8	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074209.D
 Acq: 24 Aug 2022 04:24

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3RE



Tgt Ion:	152	Resp:	108609
Ion	Ratio	Lower	Upper
152	100		
115	58.9	31.3	93.8
150	155.5	0.0	348.6

