

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074443.D
 Acq On : 27 Sep 2022 14:16
 Operator : VA/SY
 Sample : N4812-01
 Misc : 6.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Sep 28 04:40:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

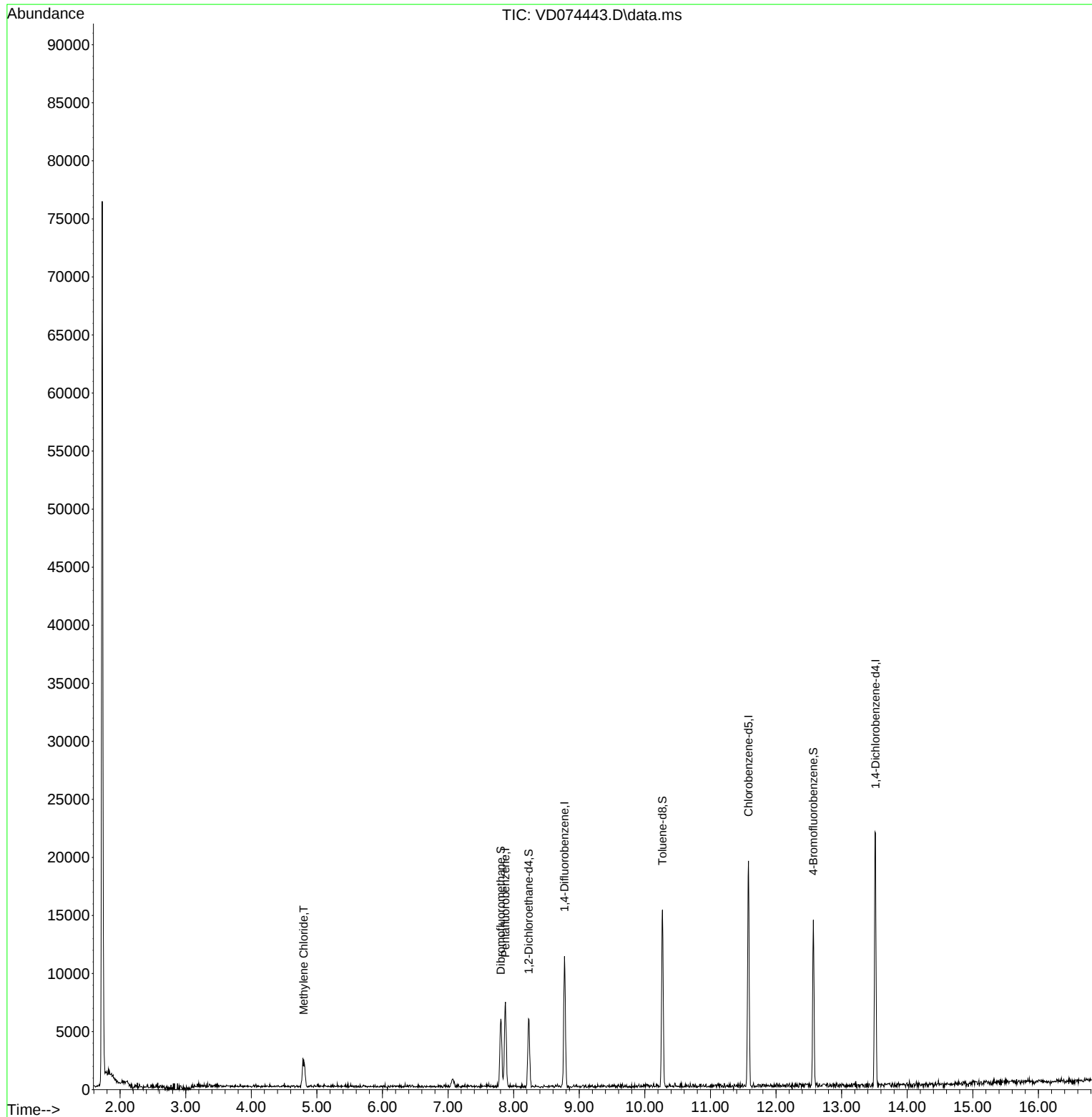
Internal Standards						
1) Pentafluorobenzene	7.875	168	7357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4716	74.456	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	148.920%	
35) Dibromofluoromethane	7.804	113	4596	58.933	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	117.860%	
50) Toluene-d8	10.269	98	12011	45.119	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	90.240%	
62) 4-Bromofluorobenzene	12.569	95	4771	51.511	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	103.020%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	2148	18.593	ug/l	# 83

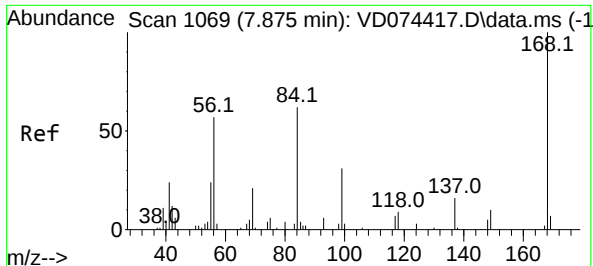
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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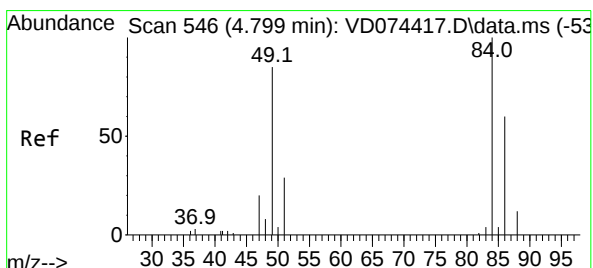
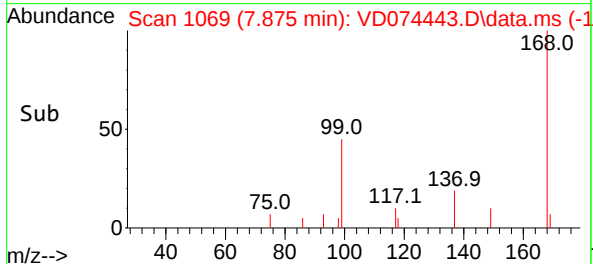
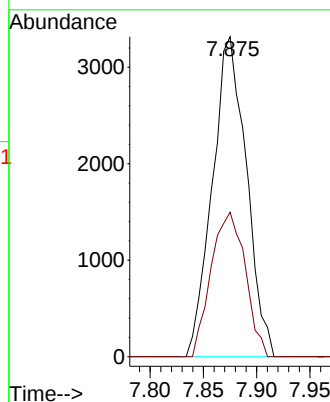
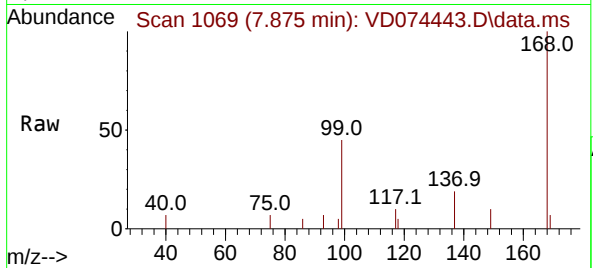




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

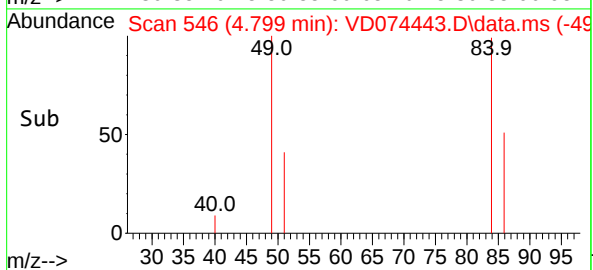
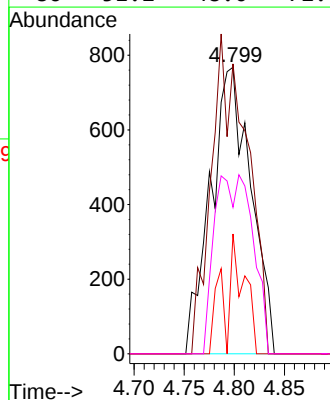
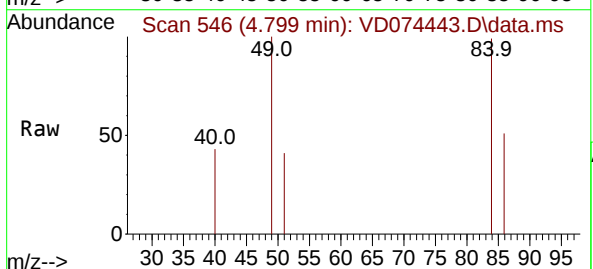
Instrument :
MSVOA_D
ClientSampleId :
WC-3

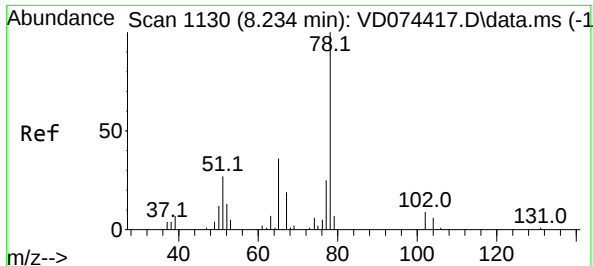
Tgt Ion:168 Resp: 7357
Ion Ratio Lower Upper
168 100
99 45.1 40.9 61.3



#20
Methylene Chloride
Concen: 18.593 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 84 Resp: 2148
Ion Ratio Lower Upper
84 100
49 101.2 68.0 102.0
51 41.8 23.2 34.8#
86 51.2 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 74.456 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074443.D

Acq: 27 Sep 2022 14:16

Instrument :

MSVOA_D

ClientSampleId :

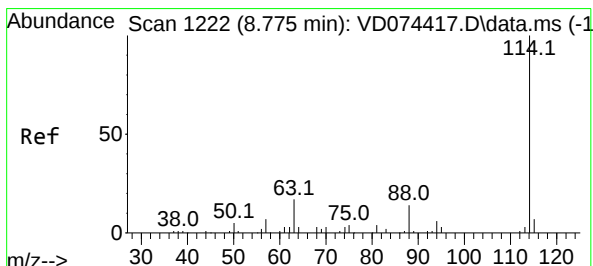
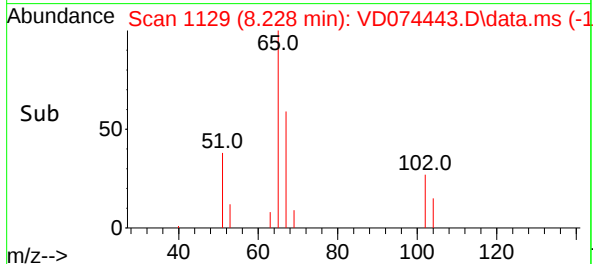
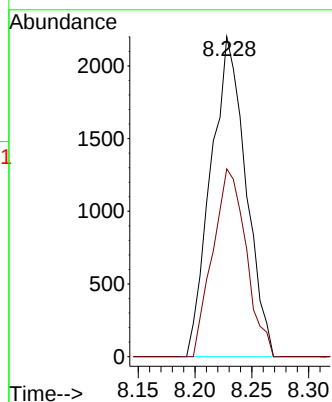
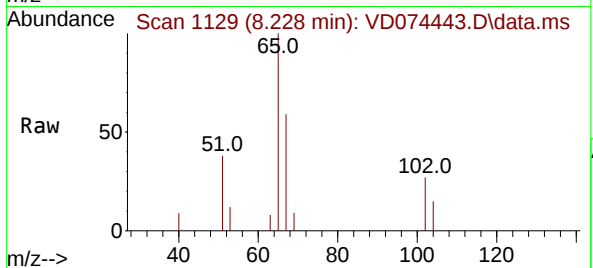
WC-3

Tgt Ion: 65 Resp: 4716

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074443.D

Acq: 27 Sep 2022 14:16

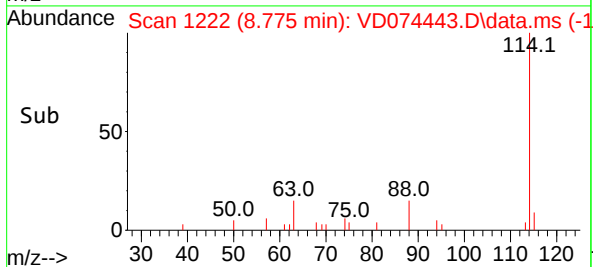
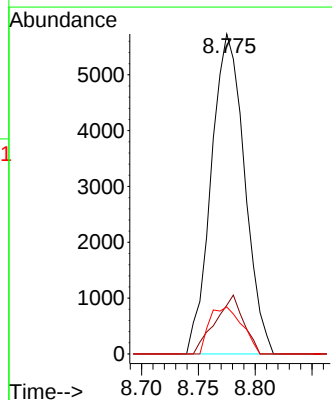
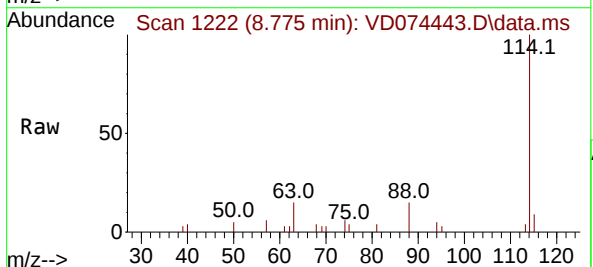
Tgt Ion: 114 Resp: 11706

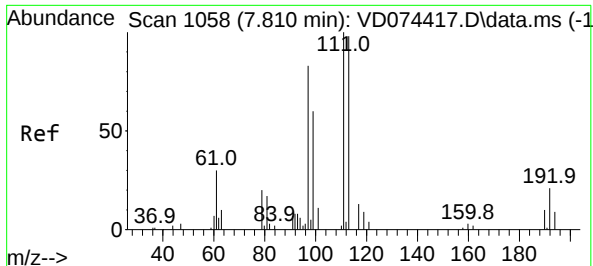
Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 14.7 0.0 28.2



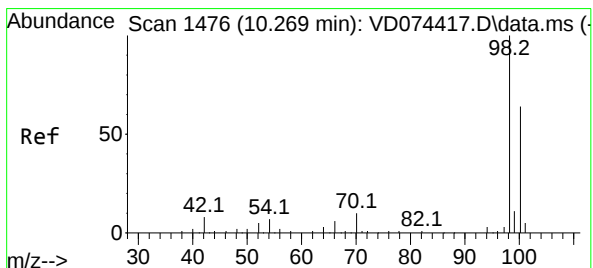
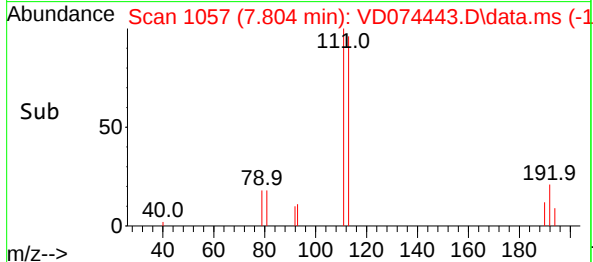
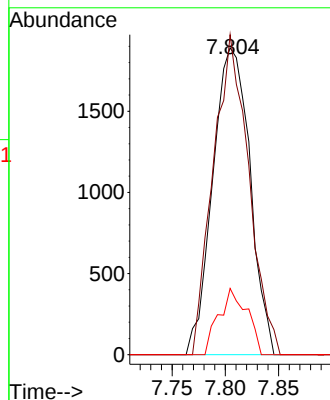
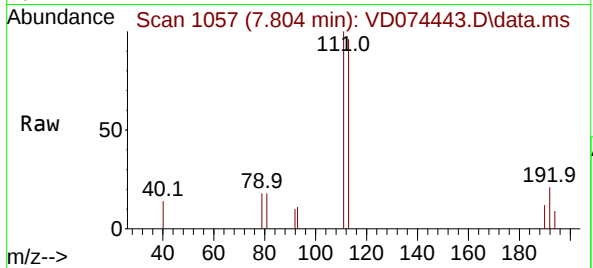


#35
 Dibromofluoromethane
 Concen: 58.933 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074443.D
 Acq: 27 Sep 2022 14:16

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Tgt Ion:113 Resp: 4596

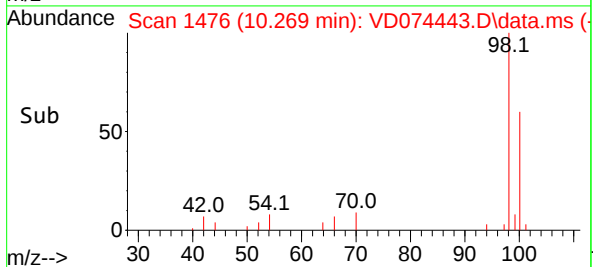
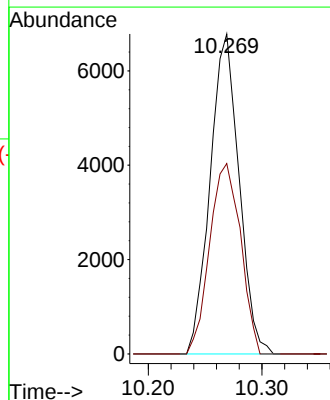
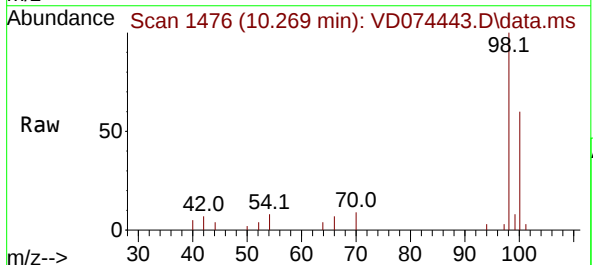
Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.3	123.5
192	16.3	16.4	24.6#

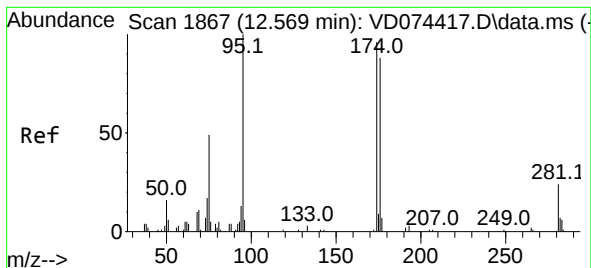


#50
 Toluene-d8
 Concen: 45.119 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD074443.D
 Acq: 27 Sep 2022 14:16

Tgt Ion: 98 Resp: 12011

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0

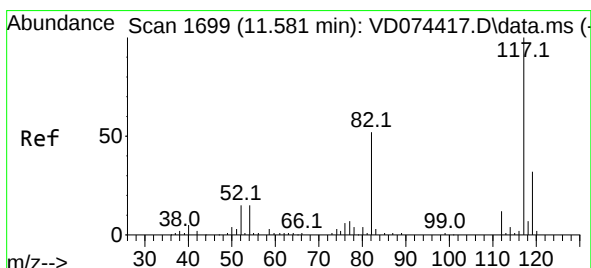
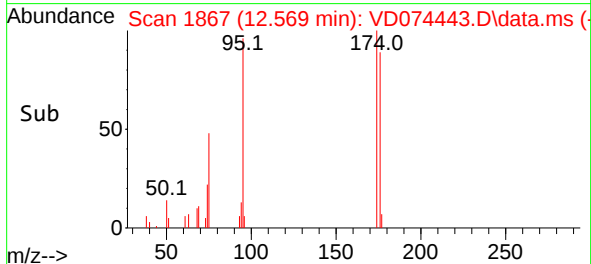
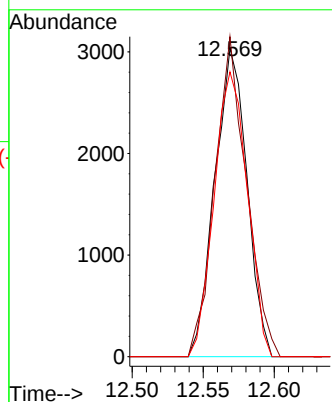
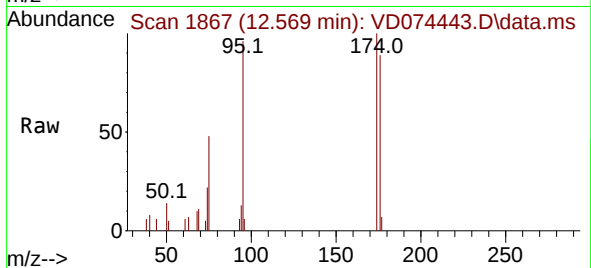




#62
4-Bromofluorobenzene
Concen: 51.511 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

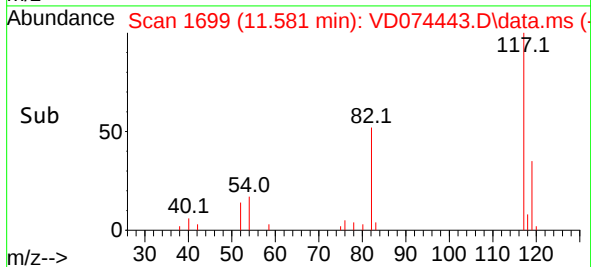
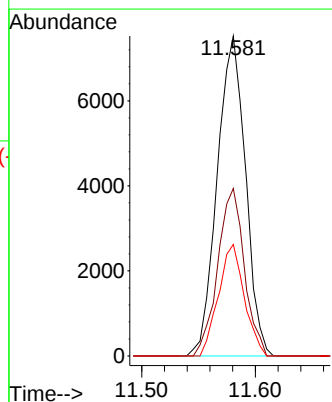
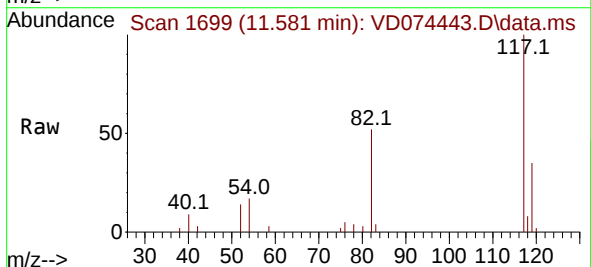
Instrument :
MSVOA_D
ClientSampleId :
WC-3

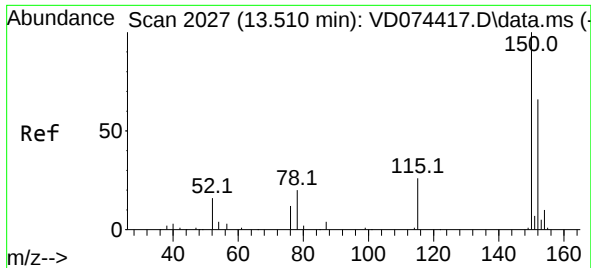
Tgt Ion: 95 Resp: 4771
Ion Ratio Lower Upper
95 100
174 101.9 0.0 197.0
176 95.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074443.D
Acq: 27 Sep 2022 14:16

Tgt Ion: 117 Resp: 12995
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 34.8 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074443.D

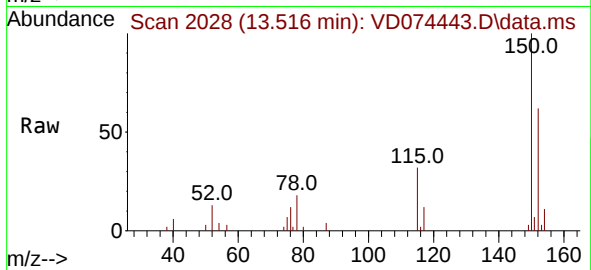
Acq: 27 Sep 2022 14:16

Instrument :

MSVOA_D

ClientSampleId :

WC-3



Tgt Ion:152 Resp: 7329

Ion Ratio Lower Upper

152 100

115 54.7 26.8 80.4

150 156.1 0.0 348.2

