

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073564.D
 Acq On : 21 Jul 2022 18:48
 Operator : JC\MD
 Sample : N3771-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9F

Quant Time: Jul 22 08:02:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

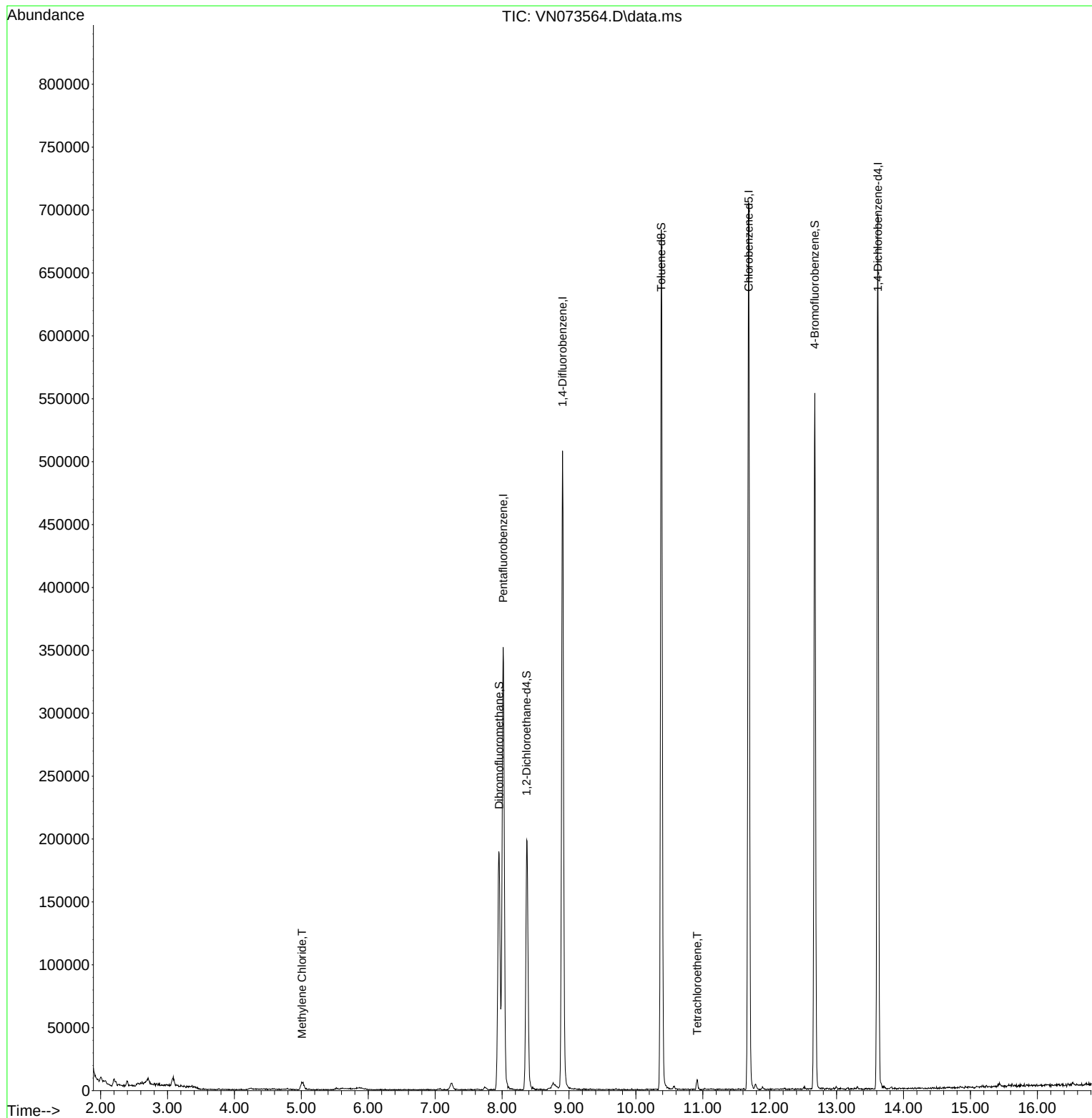
Internal Standards						
1) Pentafluorobenzene	8.016	168	267987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	398610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	181341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164187	42.440	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.880%
35) Dibromofluoromethane	7.957	113	141404	49.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.580%
50) Toluene-d8	10.380	98	461259	45.268	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.540%
62) 4-Bromofluorobenzene	12.674	95	187477	47.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.010	84	3656	0.958	ug/l #	86
64) Tetrachloroethene	10.916	164	1486	0.457	ug/l #	64

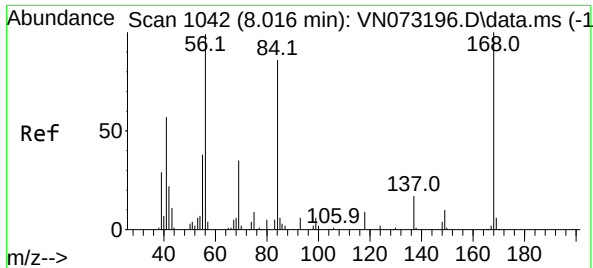
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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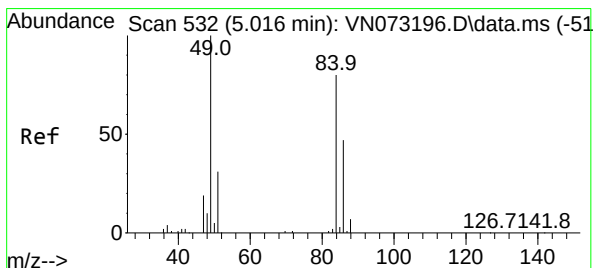
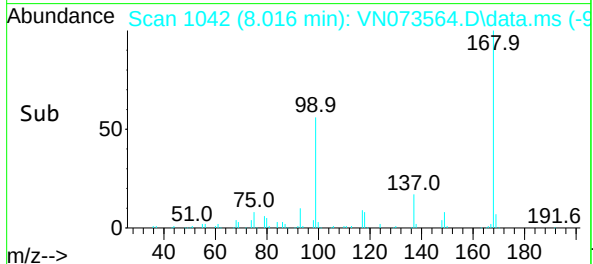
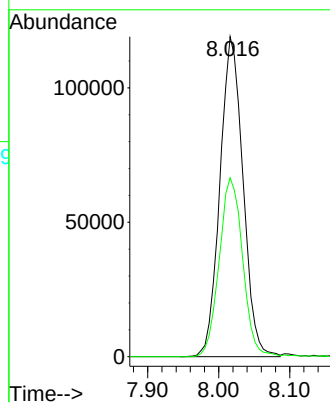
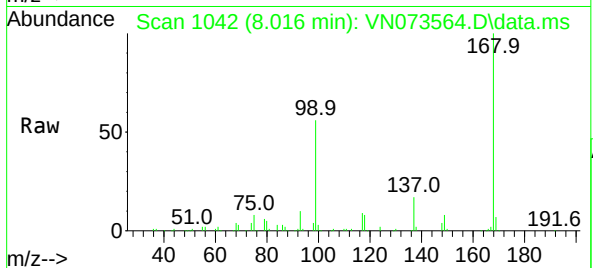




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

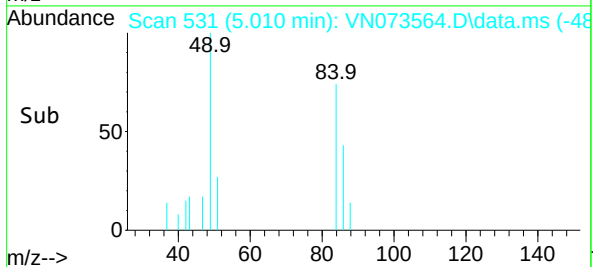
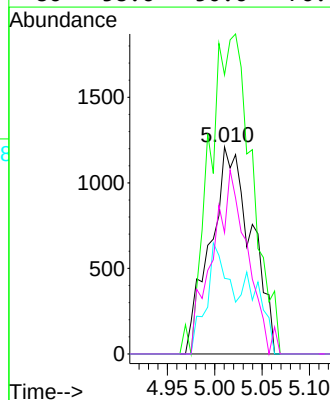
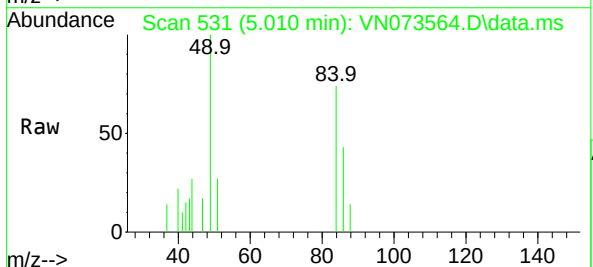
Instrument :
MSVOA_N
ClientSampleId :
MW-9F

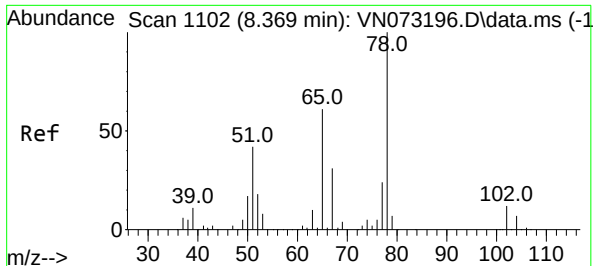
Tgt Ion:168 Resp: 267987
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#20
Methylene Chloride
Concen: 0.958 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 84 Resp: 3656
Ion Ratio Lower Upper
84 100
49 134.8 88.3 132.5#
51 36.5 28.2 42.2
86 58.6 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 42.440 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073564.D

Acq: 21 Jul 2022 18:48

Instrument :

MSVOA_N

ClientSampleId :

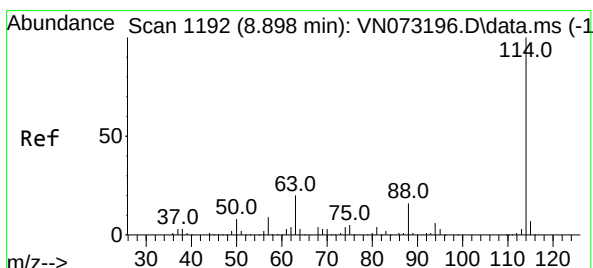
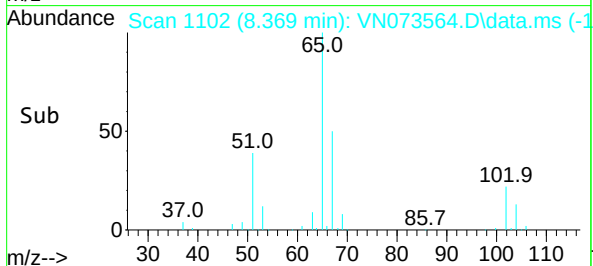
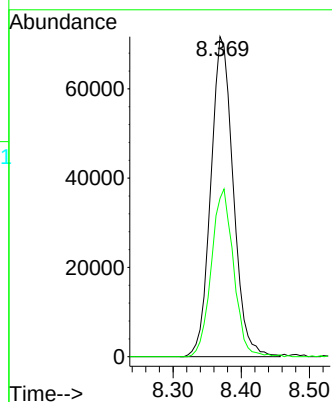
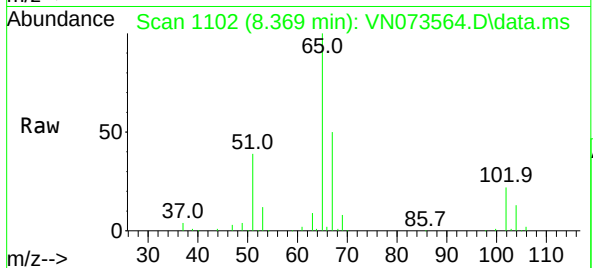
MW-9F

Tgt Ion: 65 Resp: 164187

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073564.D

Acq: 21 Jul 2022 18:48

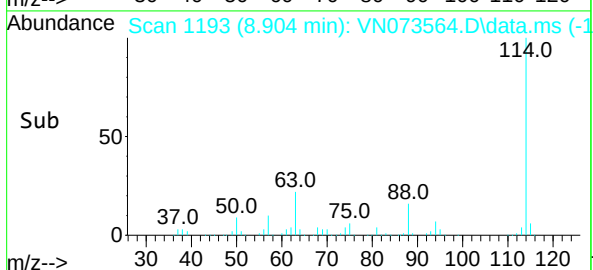
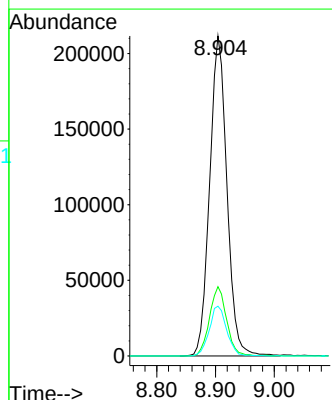
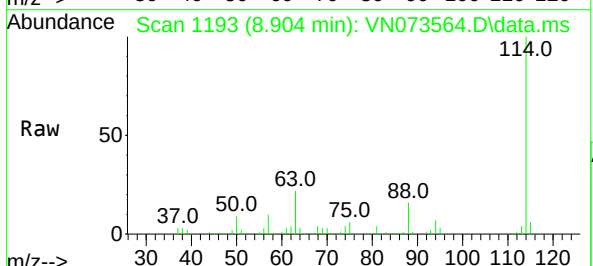
Tgt Ion: 114 Resp: 431213

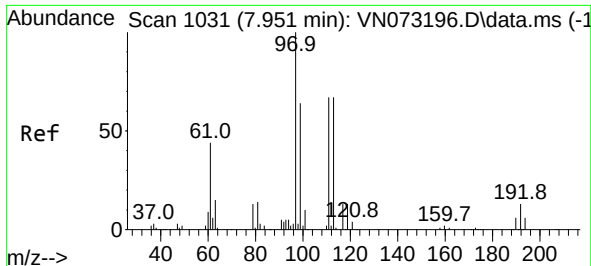
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.5 0.0 32.6

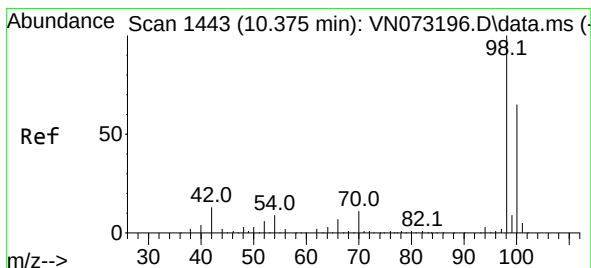
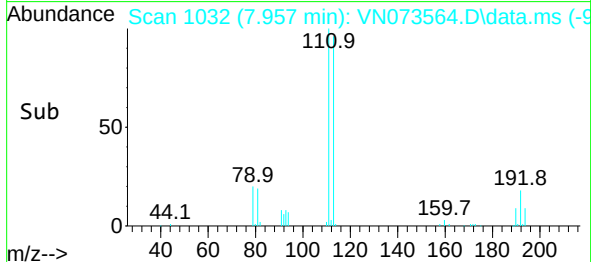
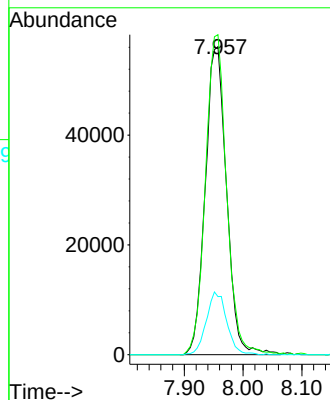
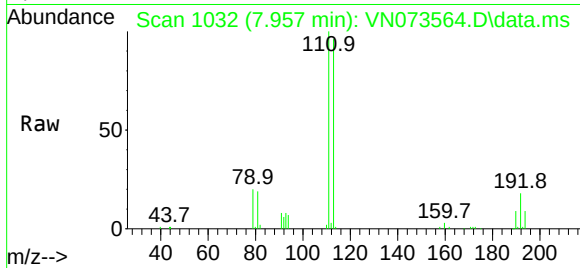




#35
Dibromofluoromethane
Concen: 49.288 ug/l
RT: 7.957 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

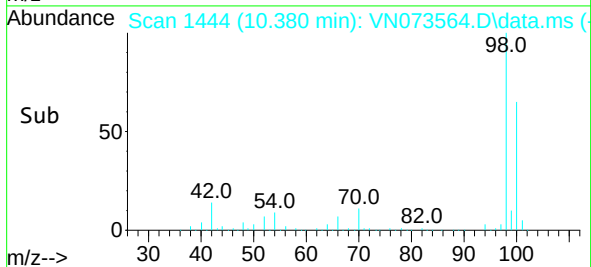
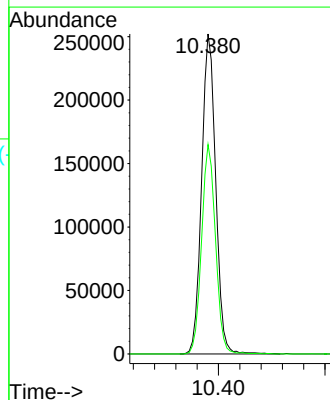
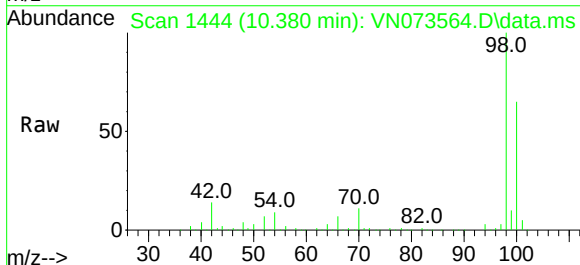
Instrument :
MSVOA_N
ClientSampleId :
MW-9F

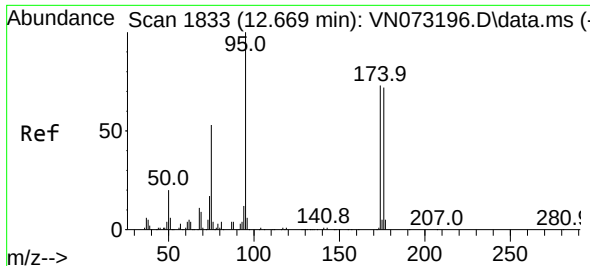
Tgt Ion:113 Resp: 141404
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 19.5 17.0 25.6



#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 98 Resp: 461259
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

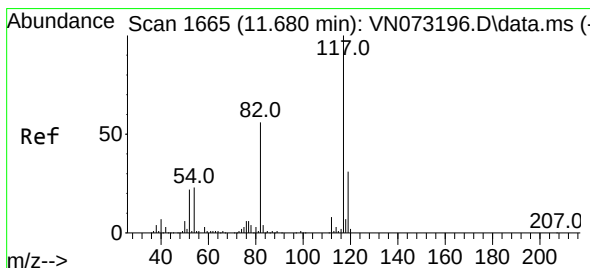
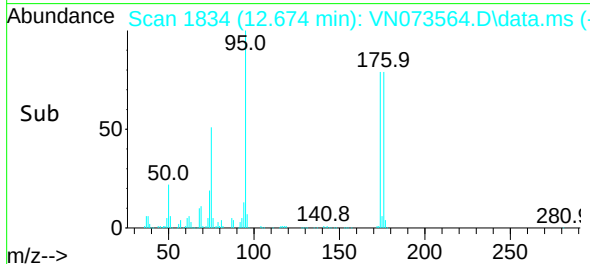
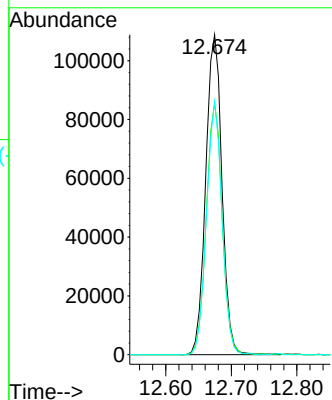
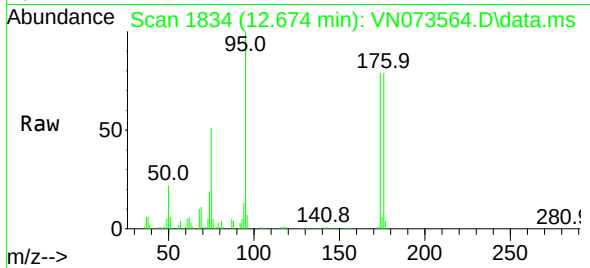




#62
4-Bromofluorobenzene
Concen: 47.878 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

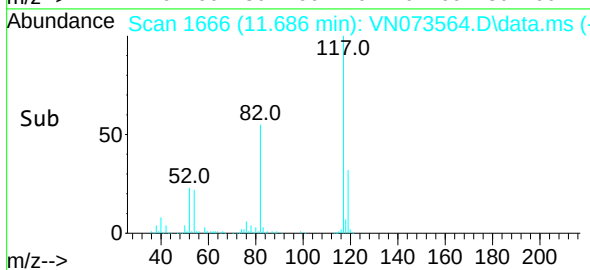
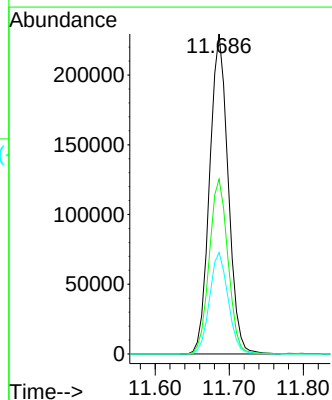
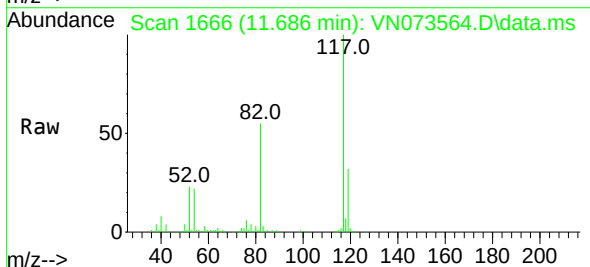
Instrument :
MSVOA_N
ClientSampleId :
MW-9F

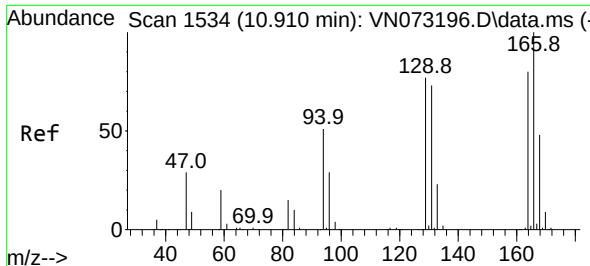
Tgt Ion: 95 Resp: 187477
Ion Ratio Lower Upper
95 100
174 77.5 0.0 167.6
176 75.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

Tgt Ion: 117 Resp: 398610
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.7 25.4 38.0

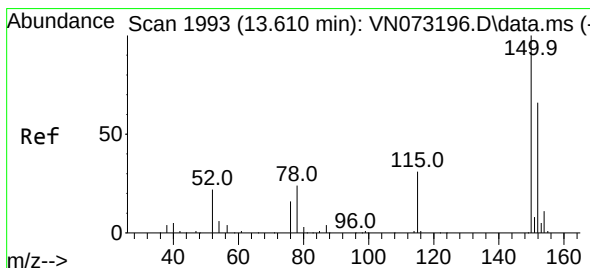
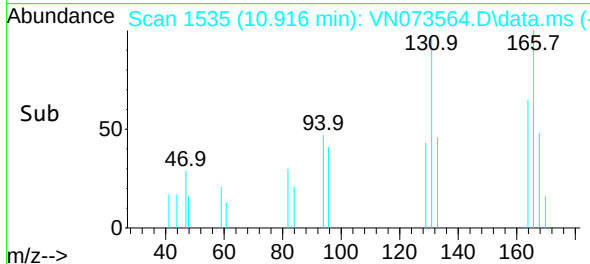
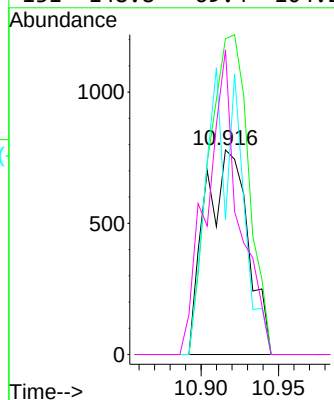
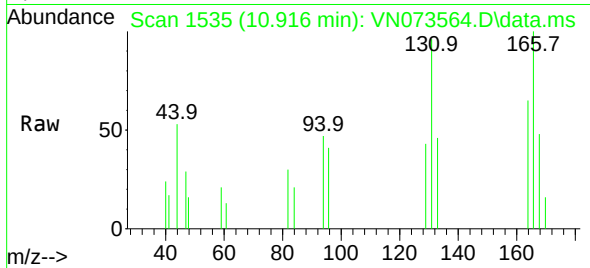




#64
Tetrachloroethene
Concen: 0.457 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

Instrument :
MSVOA_N
ClientSampleId :
MW-9F

Tgt Ion:164 Resp: 1486
Ion Ratio Lower Upper
164 100
166 154.4 104.2 156.2
129 65.9 73.9 110.9#
131 148.8 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073564.D
Acq: 21 Jul 2022 18:48

Tgt Ion:152 Resp: 181341
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.7
150 157.2 0.0 356.2

