

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073576.D
 Acq On : 25 Jul 2022 13:54
 Operator : JC\MD
 Sample : N3771-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2V

Quant Time: Jul 26 02:16:47 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)

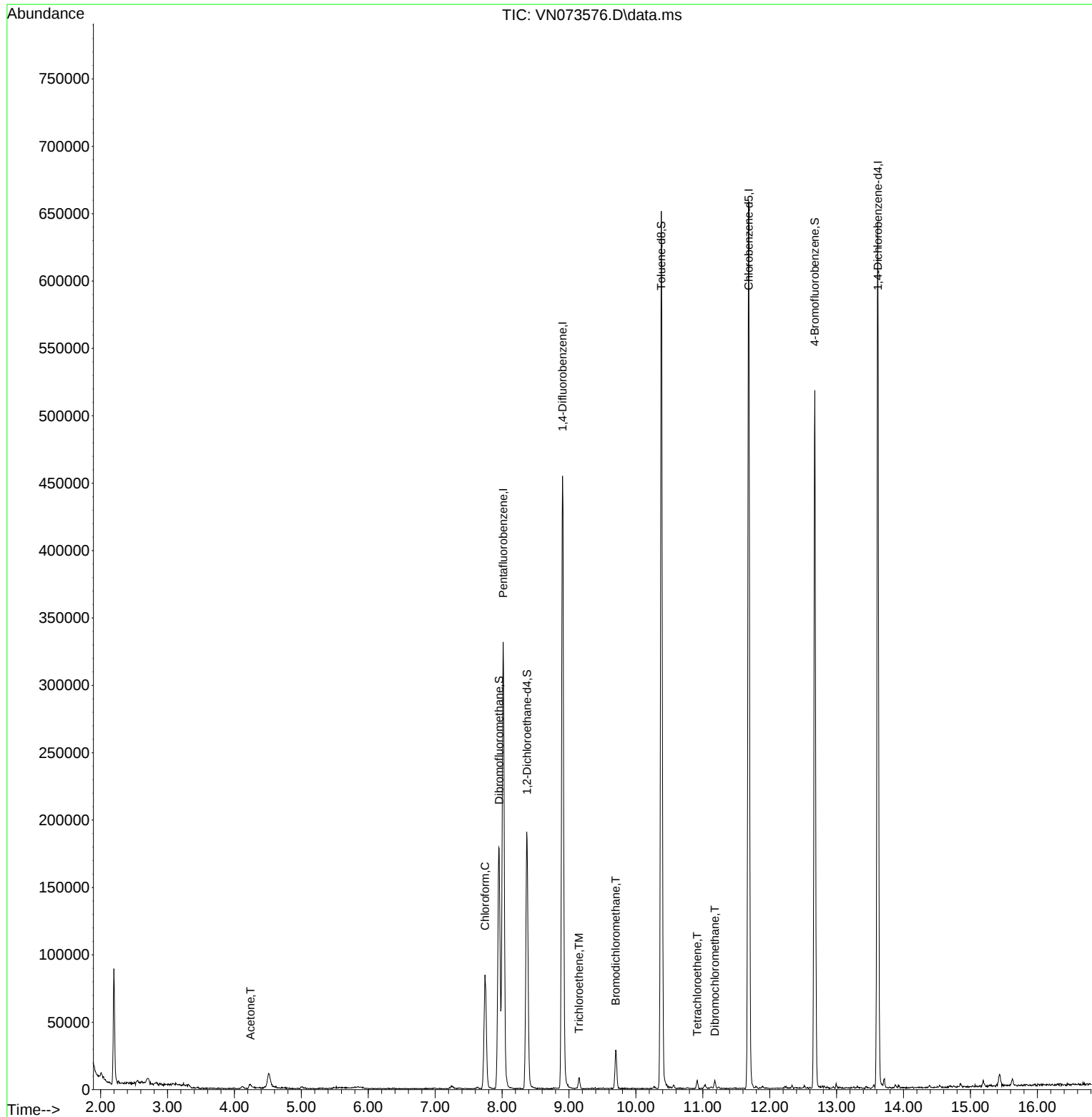
Internal Standards						
1) Pentafluorobenzene	8.016	168	247524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	400598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	368029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	170065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	156478	43.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.580%
35) Dibromofluoromethane	7.957	113	132279	49.631	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.260%
50) Toluene-d8	10.380	98	437594	46.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.460%
62) 4-Bromofluorobenzene	12.674	95	171484	47.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.280%
Target Compounds						
					Qvalue	
16) Acetone	4.240	43	6696	3.338	ug/l #	73
30) Chloroform	7.745	83	81020	13.571	ug/l	98
44) Trichloroethene	9.151	130	2960	0.919	ug/l	65
47) Bromodichloromethane	9.698	83	18583	4.380	ug/l #	95
60) Dibromochloromethane	11.180	129	3401	1.108	ug/l	95
64) Tetrachloroethene	10.916	164	1303	0.434	ug/l #	68

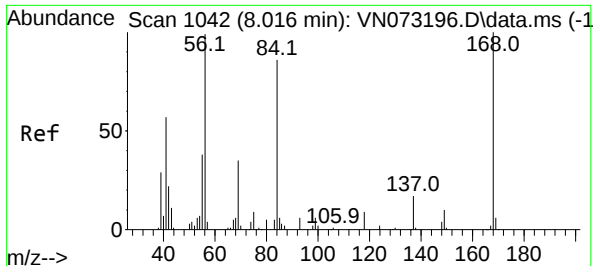
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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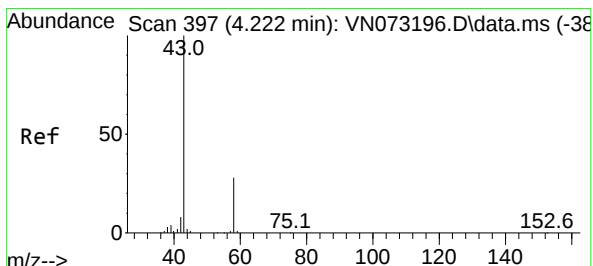
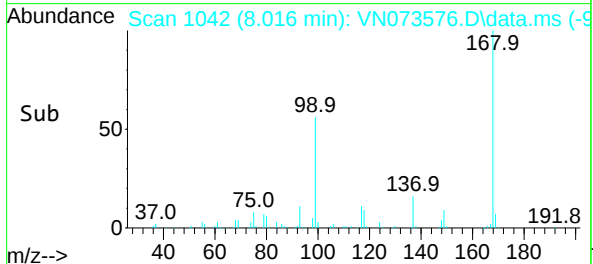
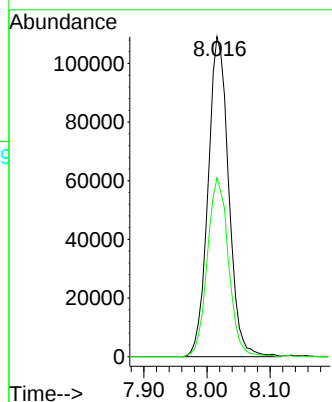
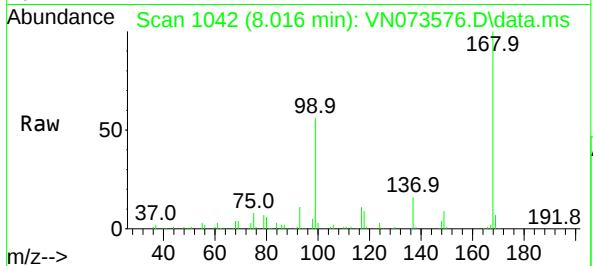




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

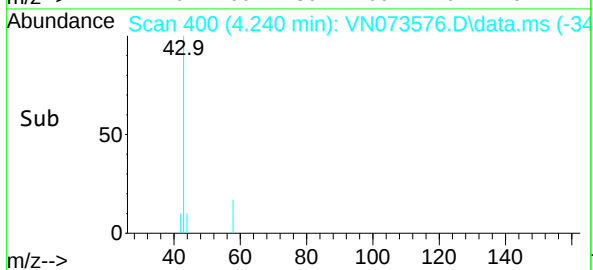
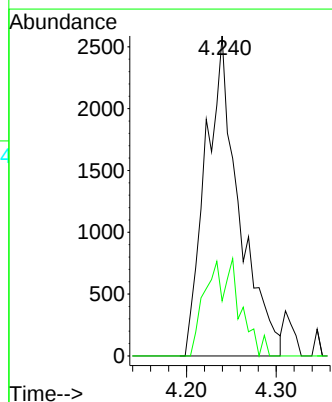
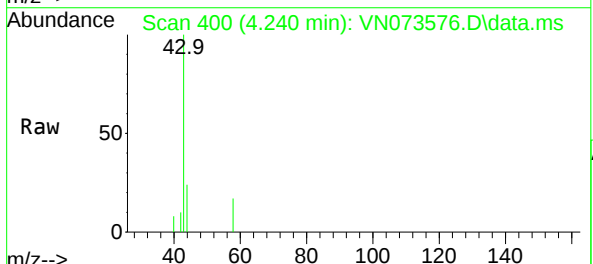
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

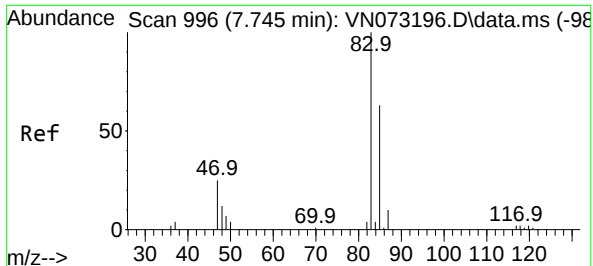
Tgt Ion:168 Resp: 247524
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5



#16
Acetone
Concen: 3.338 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
58 17.2 26.0 39.0#

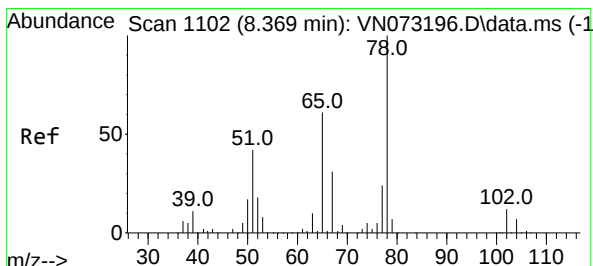
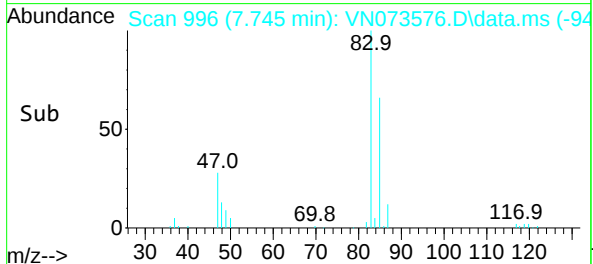
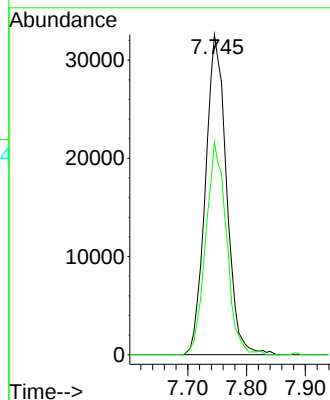
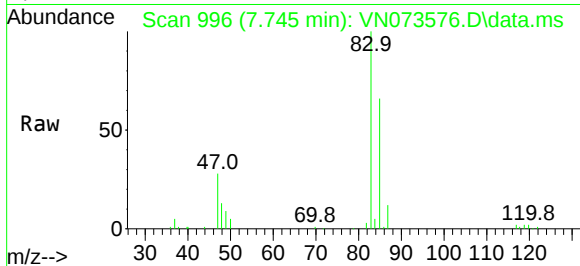




#30
Chloroform
Concen: 13.571 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

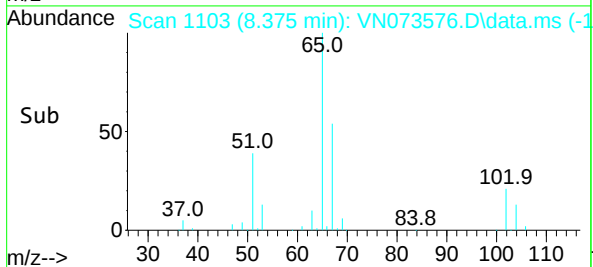
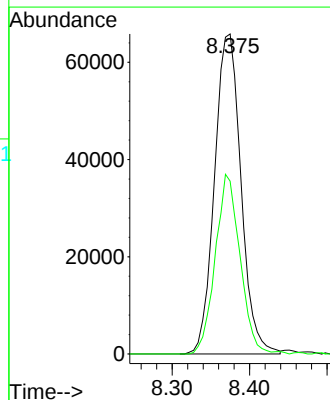
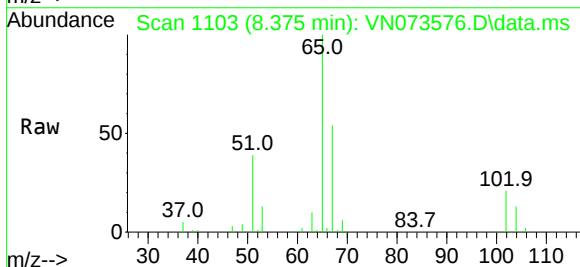
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

Tgt Ion: 83 Resp: 81020
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 43.791 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion: 65 Resp: 156478
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073576.D

Acq: 25 Jul 2022 13:54

Instrument :

MSVOA_N

ClientSampleId :

MW-2V

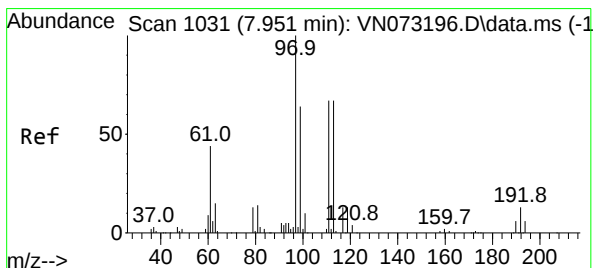
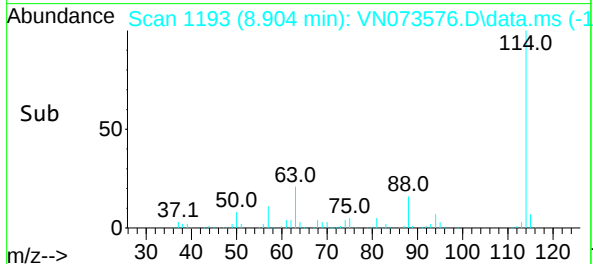
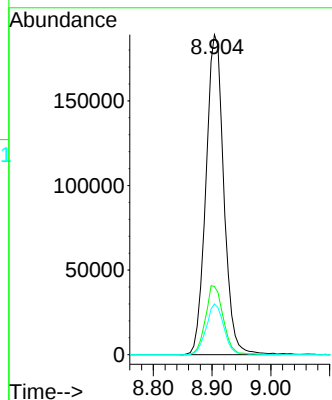
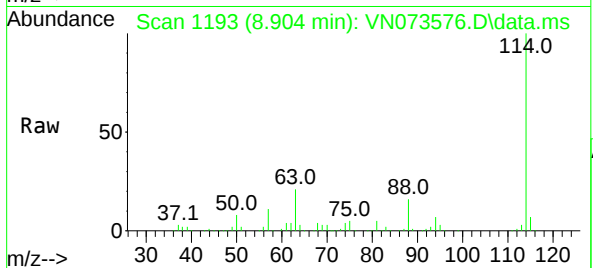
Tgt Ion:114 Resp: 400598

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.631 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073576.D

Acq: 25 Jul 2022 13:54

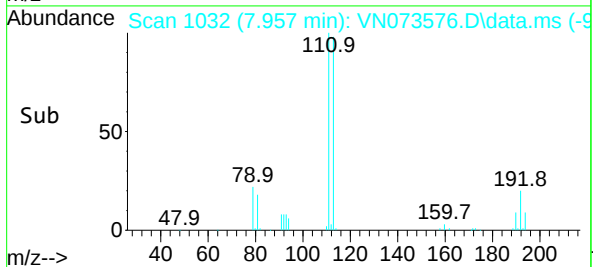
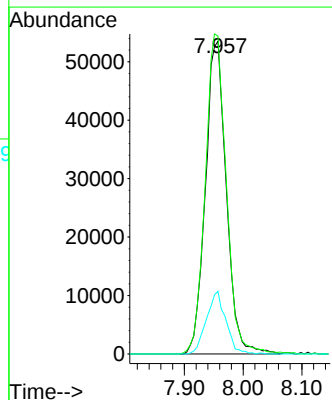
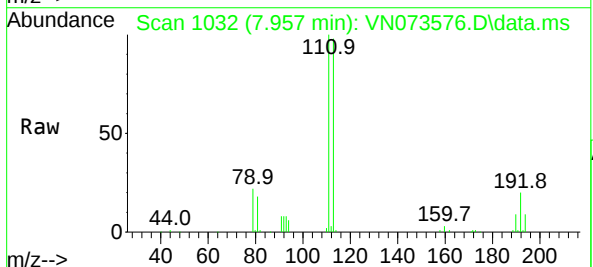
Tgt Ion:113 Resp: 132279

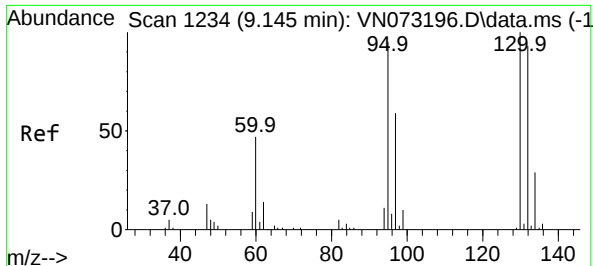
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.6 17.0 25.6

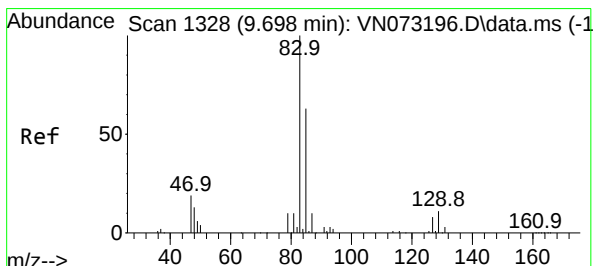
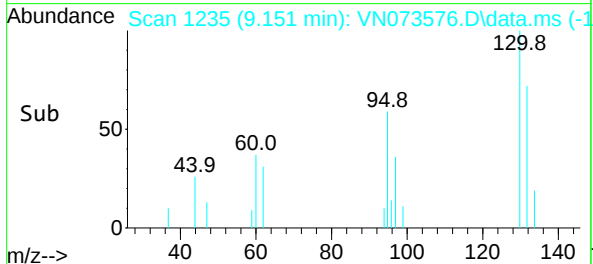
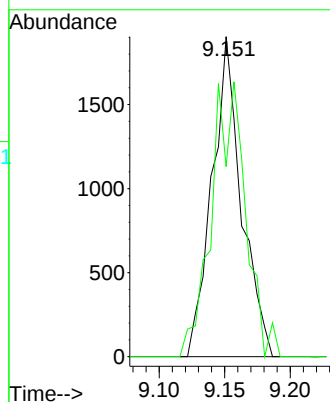
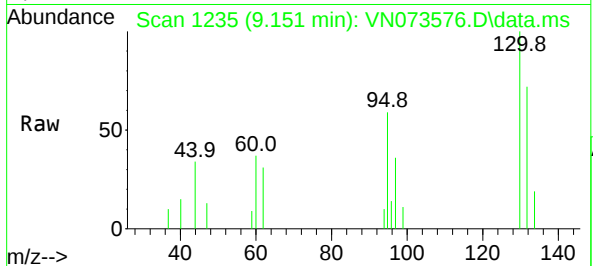




#44
Trichloroethene
Concen: 0.919 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

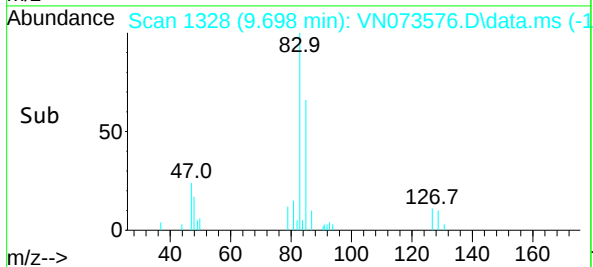
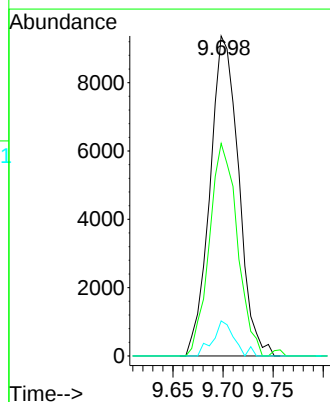
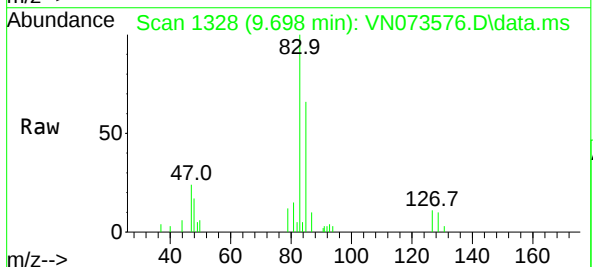
Instrument :
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ClientSampleId :
MW-2V

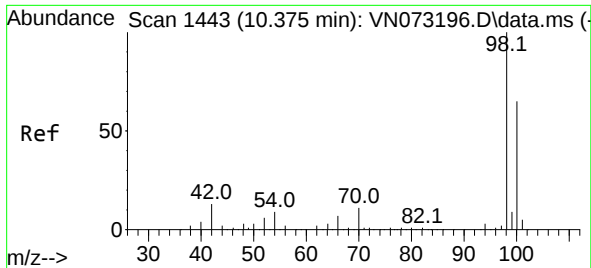
Tgt Ion:130 Resp: 2960
Ion Ratio Lower Upper
130 100
95 59.4 0.0 186.8



#47
Bromodichloromethane
Concen: 4.380 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion: 83 Resp: 18583
Ion Ratio Lower Upper
83 100
85 66.4 50.5 75.7
127 11.0 6.8 10.2#

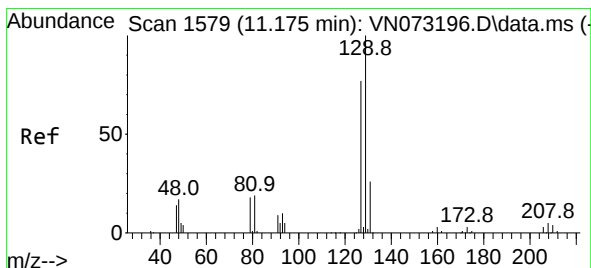
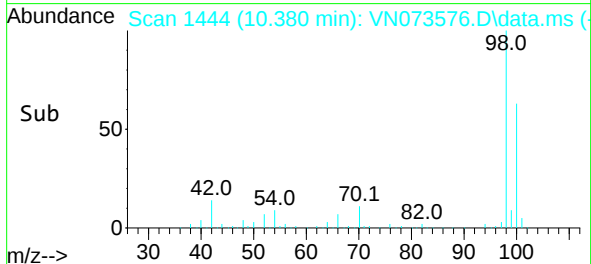
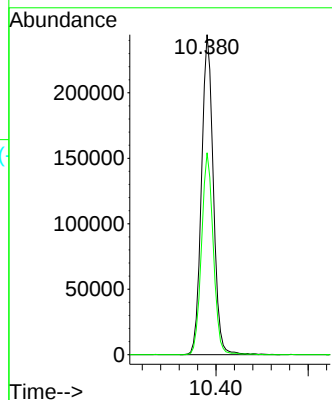
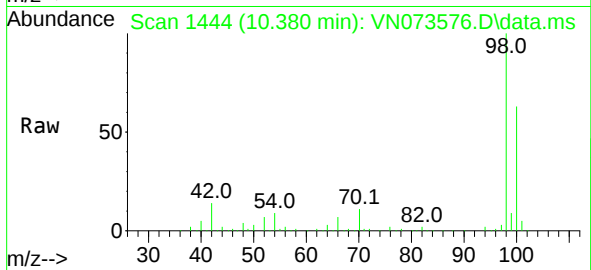




#50
Toluene-d8
Concen: 46.228 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

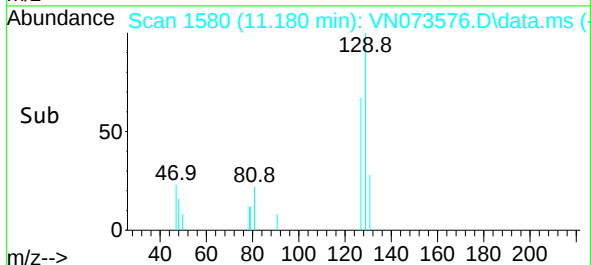
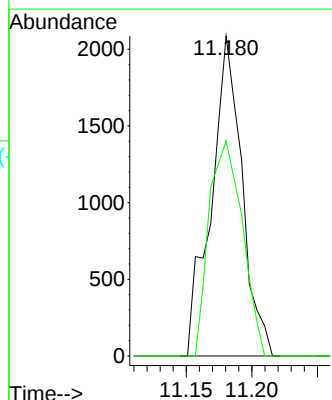
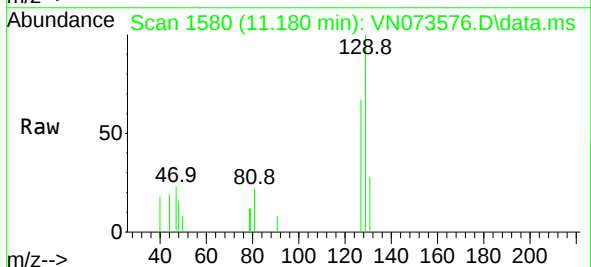
Instrument :
MSVOA_N
ClientSampleId :
MW-2V

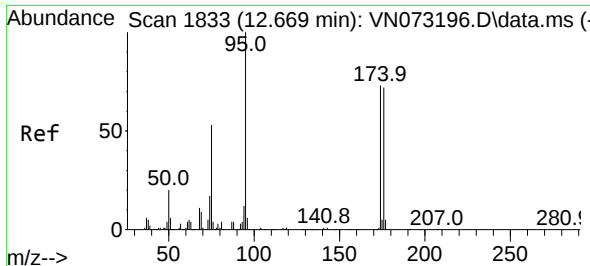
Tgt Ion: 98 Resp: 437594
Ion Ratio Lower Upper
98 100
100 62.9 52.6 78.8



#60
Dibromochloromethane
Concen: 1.108 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion: 129 Resp: 3401
Ion Ratio Lower Upper
129 100
127 72.8 38.8 116.4

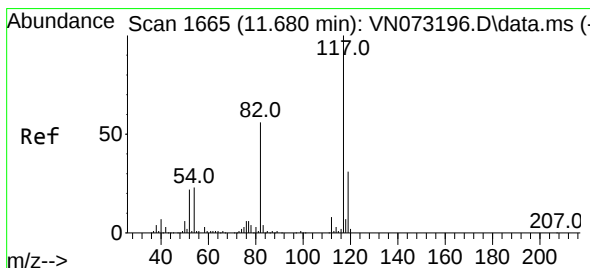
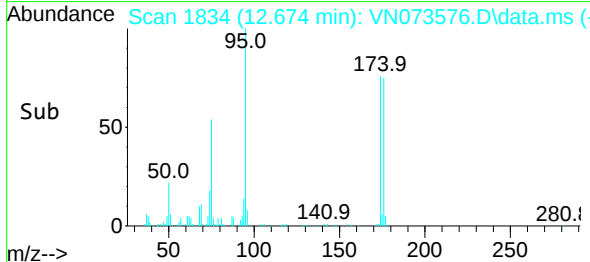
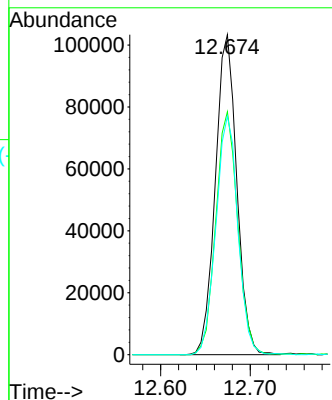
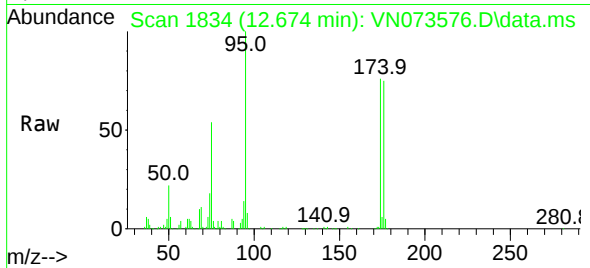




#62
4-Bromofluorobenzene
Concen: 47.140 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

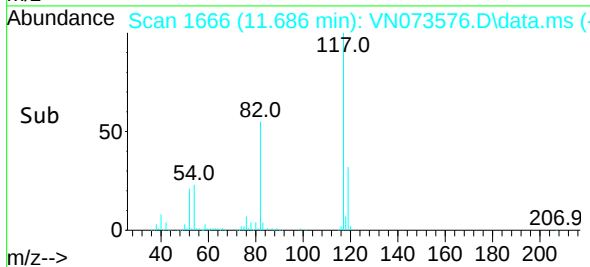
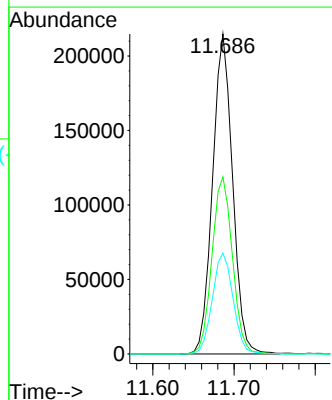
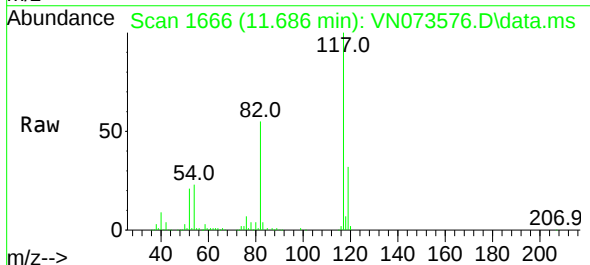
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MW-2V

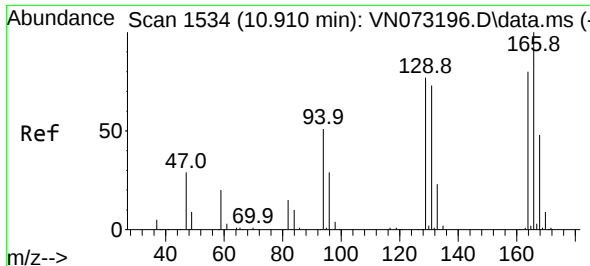
Tgt Ion: 95 Resp: 171484
Ion Ratio Lower Upper
95 100
174 77.7 0.0 167.6
176 75.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion: 117 Resp: 368029
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.5 25.4 38.0

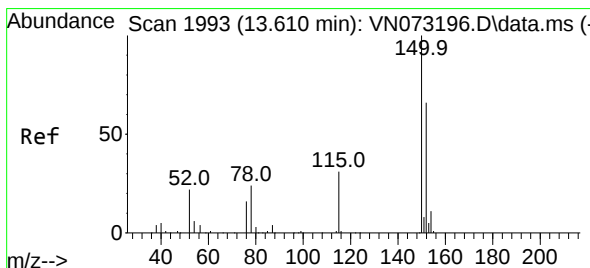
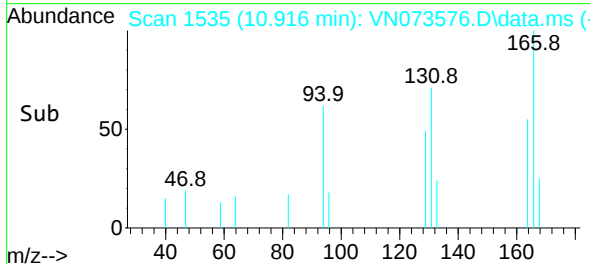
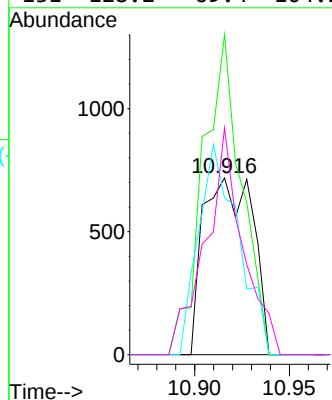
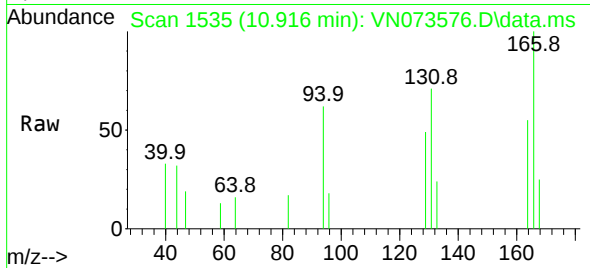




#64
Tetrachloroethene
Concen: 0.434 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073576.D
Acq: 25 Jul 2022 13:54

Instrument :
MSVOA_N
ClientSampleId :
MW-2V

Tgt Ion:164 Resp: 1303
Ion Ratio Lower Upper
164 100
166 180.9 104.2 156.2#
129 88.6 73.9 110.9
131 128.2 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: VN073576.D
Acq: 25 Jul 2022 13:54

Tgt Ion:152 Resp: 170065
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 158.0 0.0 356.2

