

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071923.D
 Acq On : 08 Apr 2022 18:44
 Operator : JC\MD
 Sample : N2340-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-08

Quant Time: Apr 09 05:21:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

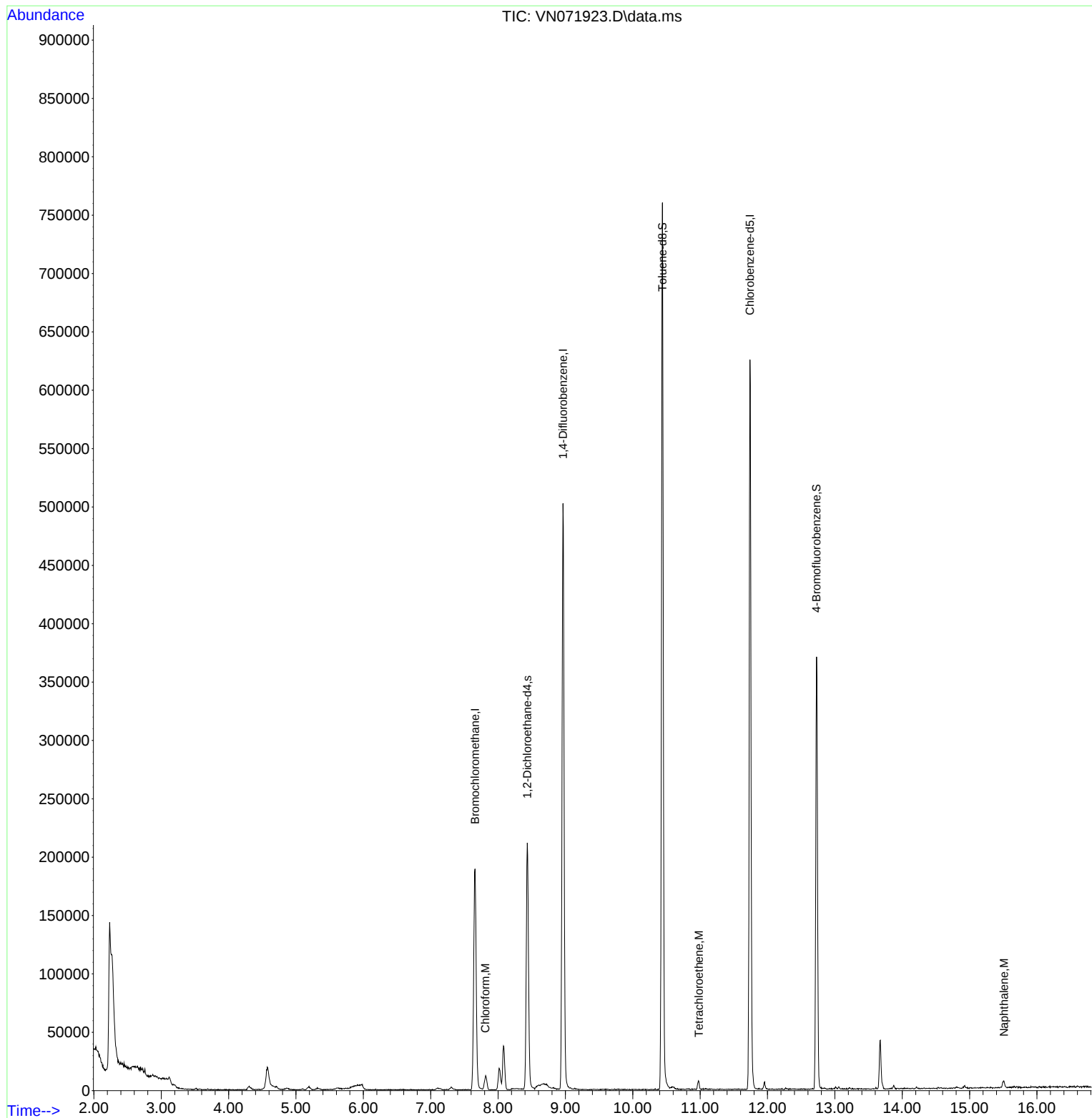
Internal Standards						
1) Bromochloromethane	7.657	128	79041	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	477130	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	401124	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	174845	31.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.667%
60) 4-Bromofluorobenzene	12.727	95	140762	23.667	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.900%
63) Toluene-d8	10.439	98	551814	30.305	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%
Target Compounds						
					Qvalue	
25) Chloroform	7.810	83	12131	1.286	ug/l	97
61) Tetrachloroethene	10.980	164	2000	0.410	ug/l #	80
91) Naphthalene	15.509	128	7133	7.281	ug/l #	93

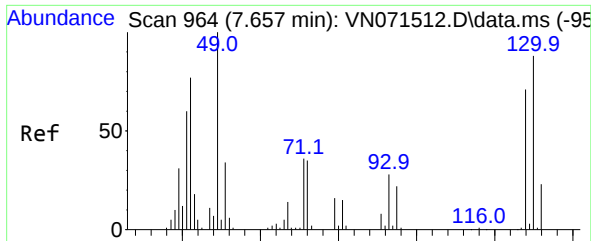
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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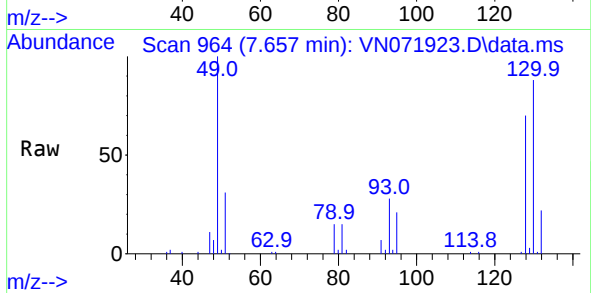
Quant Time: Apr 09 05:21:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
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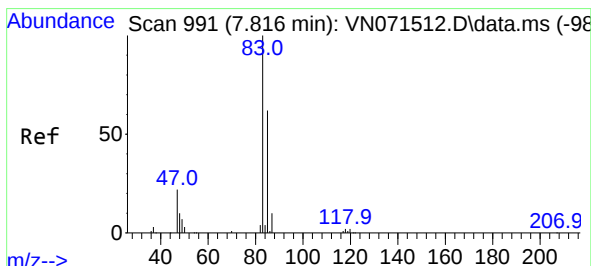
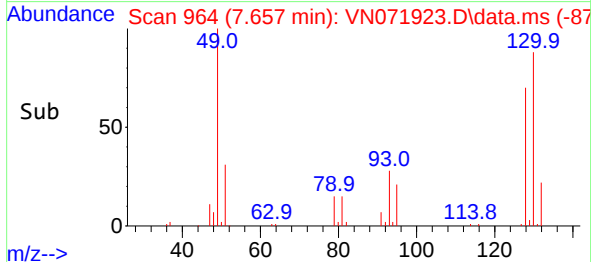
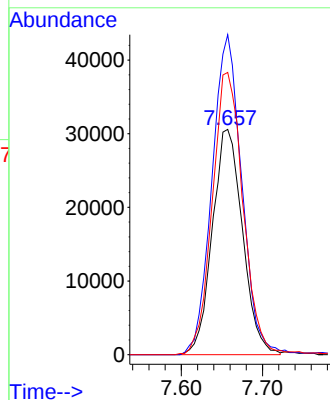


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

Instrument :
MSVOA_N
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TWP-08

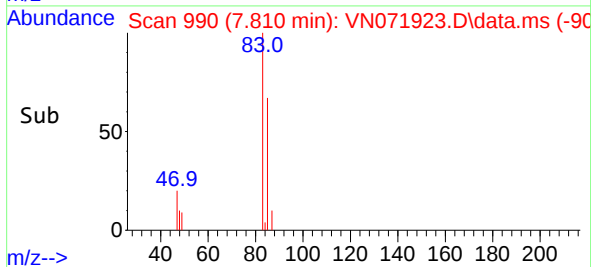
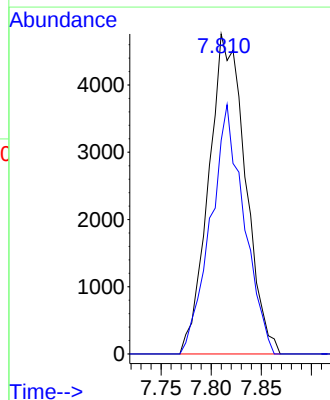
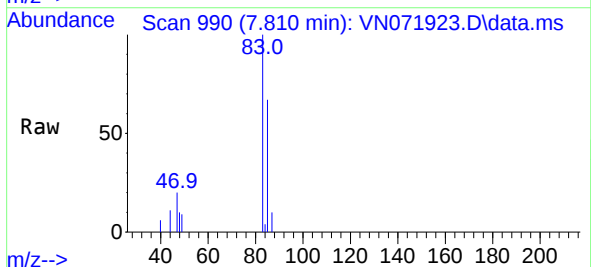


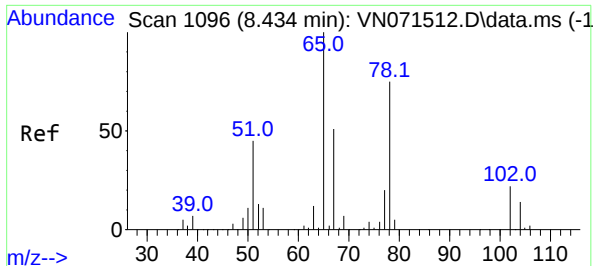
Tgt Ion:128 Resp: 79041
Ion Ratio Lower Upper
128 100
49 139.8 0.0 392.3
130 127.1 0.0 320.2



#25
Chloroform
Concen: 1.286 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

Tgt Ion: 83 Resp: 12131
Ion Ratio Lower Upper
83 100
85 66.7 51.3 76.9

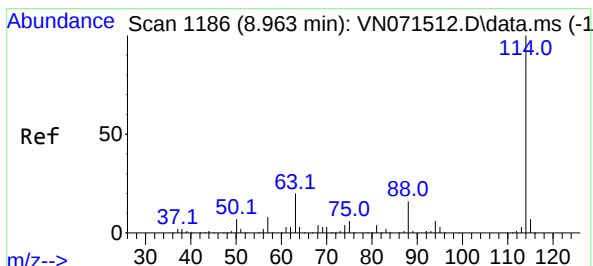
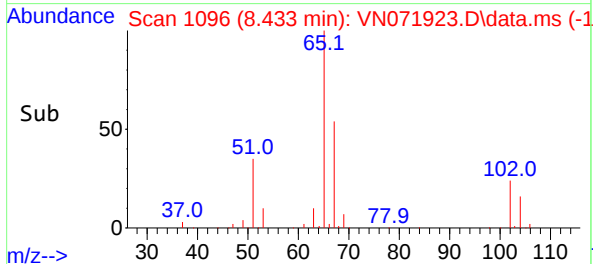
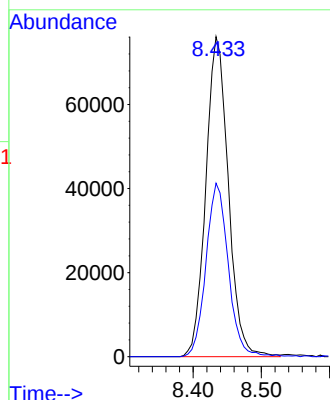
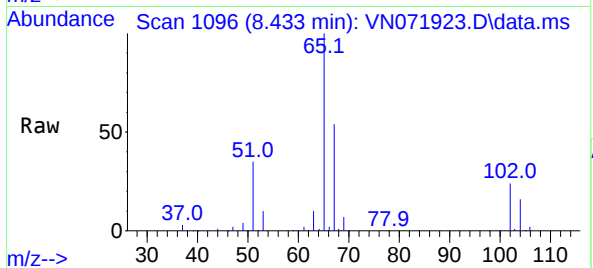




#27
1,2-Dichloroethane-d4
Concen: 31.397 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

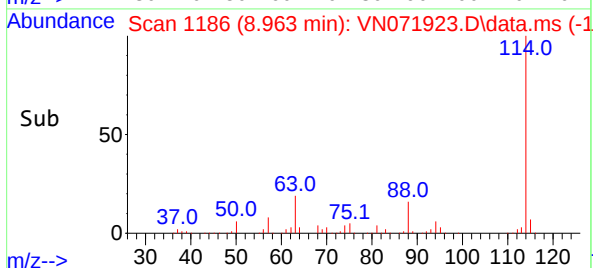
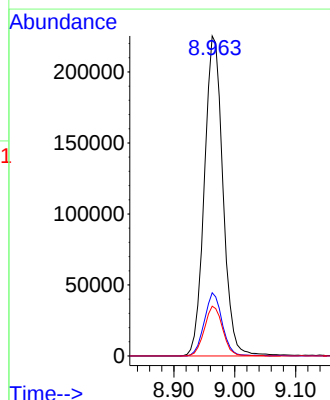
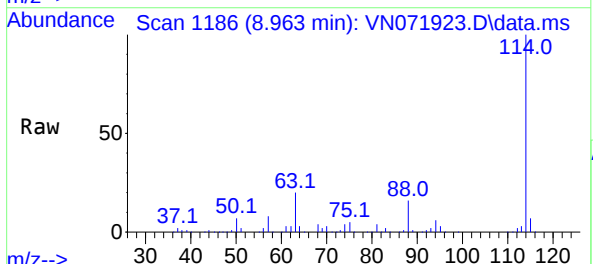
Instrument :
MSVOA_N
ClientSampleId :
TWP-08

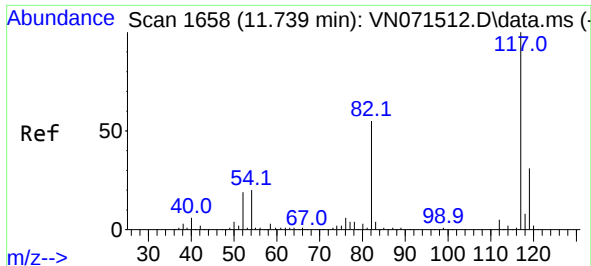
Tgt Ion: 65 Resp: 174845
Ion Ratio Lower Upper
65 100
67 53.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

Tgt Ion: 114 Resp: 477130
Ion Ratio Lower Upper
114 100
63 19.0 15.8 23.6
88 15.2 11.6 17.4

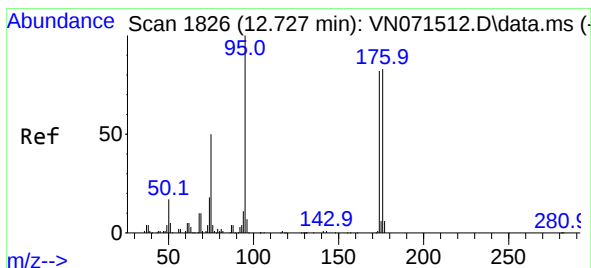
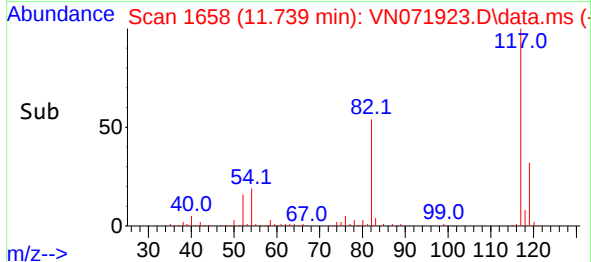
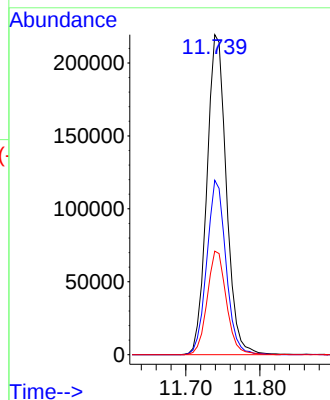
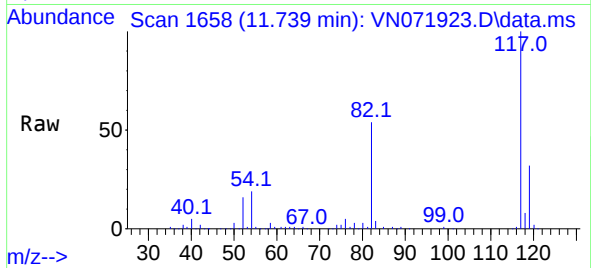




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

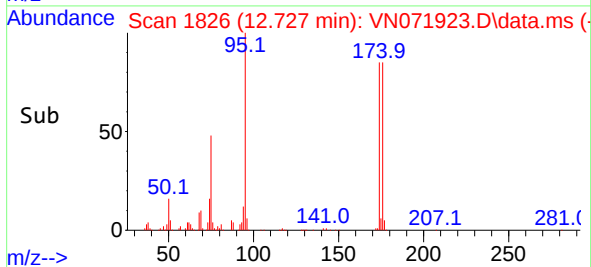
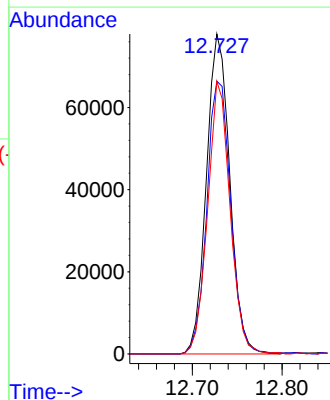
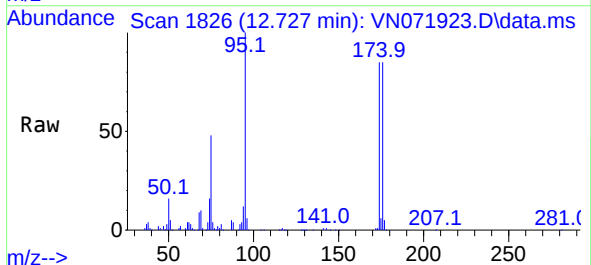
Instrument :
MSVOA_N
ClientSampleId :
TWP-08

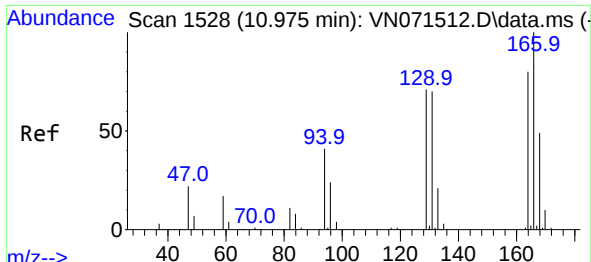
Tgt Ion:117 Resp: 401124
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.0 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 23.667 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

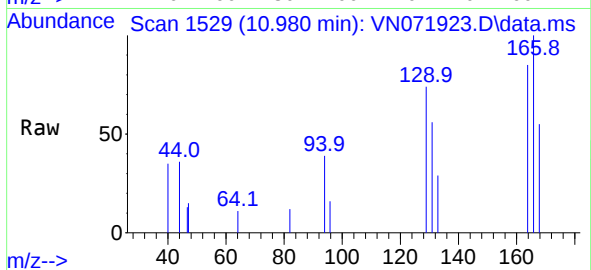
Tgt Ion: 95 Resp: 140762
Ion Ratio Lower Upper
95 100
174 87.4 62.9 94.3
176 81.7 61.0 91.4



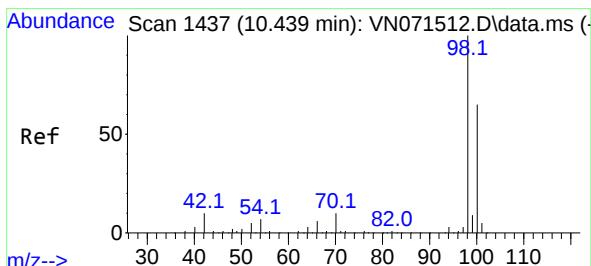
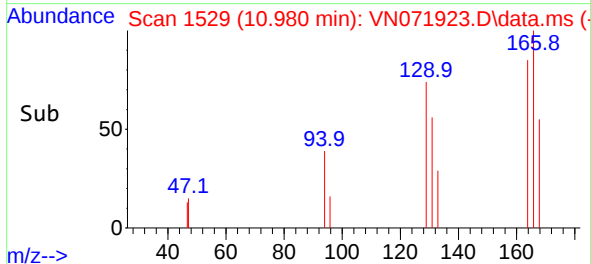
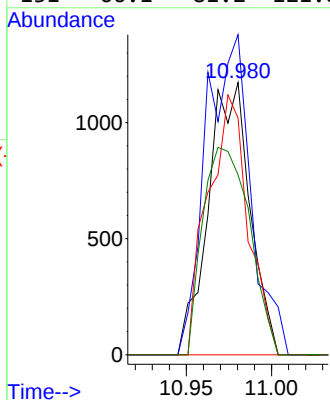


#61
Tetrachloroethene
Concen: 0.410 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.006 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

Instrument :
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TWP-08

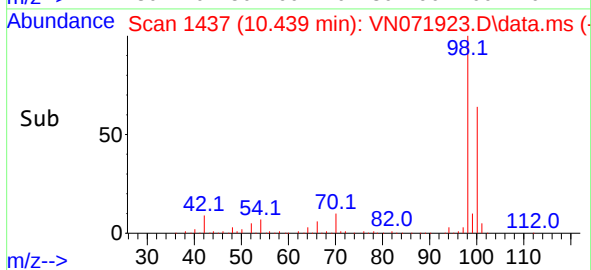
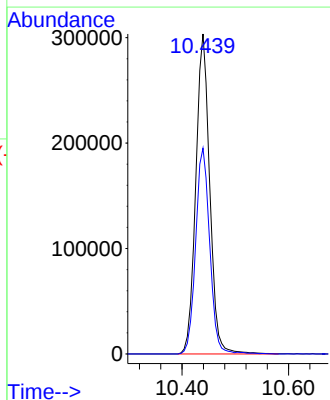
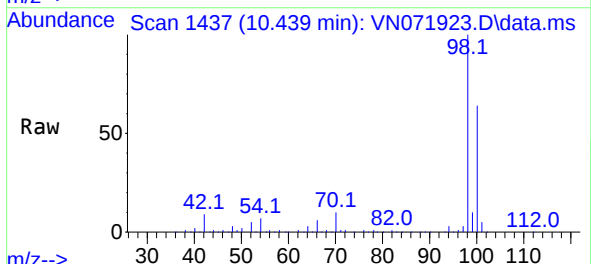


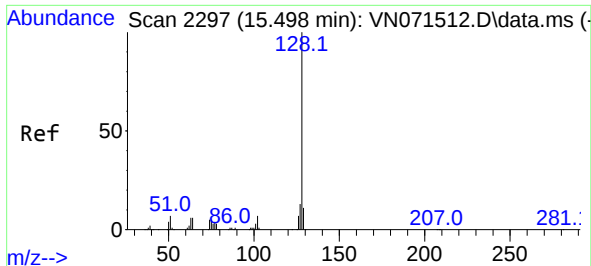
Tgt Ion:164 Resp: 2000
Ion Ratio Lower Upper
164 100
166 117.6 105.8 158.8
129 87.0 82.5 123.7
131 66.1 81.2 121.8#



#63
Toluene-d8
Concen: 30.305 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

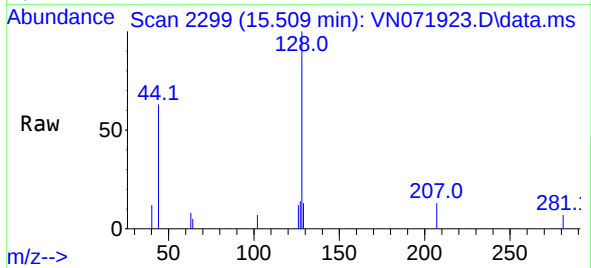
Tgt Ion: 98 Resp: 551814
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0





#91
Naphthalene
Concen: 7.281 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071923.D
Acq: 08 Apr 2022 18:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 7133
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 6.5 9.0 13.6#

