

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072786.D
 Acq On : 11 Jun 2022 13:41
 Operator : JC\MD
 Sample : N3309-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

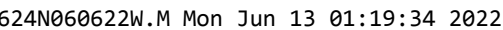
Quant Time: Jun 13 01:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

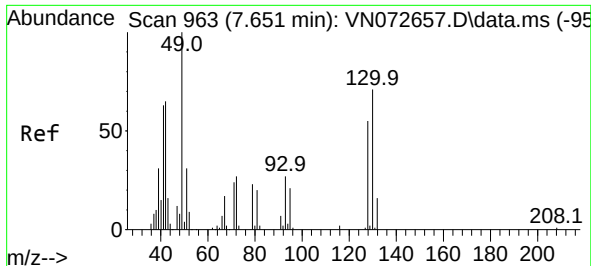
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.651	128	31725	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	191801	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	154946	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	119190	32.942	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.800%	
60) 4-Bromofluorobenzene	12.727	95	77971	24.466	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 81.567%	
63) Toluene-d8	10.439	98	281732	32.823	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 109.400%	
Target Compounds						Qvalue
3) Chloromethane	2.299	50	742	0.287	ug/l	92
6) Chloroethane	3.128	64	892	0.574	ug/l	94
15) Acetone	4.292	58	347	0.727	ug/l	# 7
43) Ethyl Acetate	7.345	43	1068	0.211	ug/l	# 67
53) Dibromochloromethane	11.239	129	1009	0.317	ug/l	77
55) 2-Chloroethyl vinyl ether	10.439	63	442	0.216	ug/l	# 1
72) 1,2,3-Trichloropropane	12.727	75	46315	13.368	ug/l	1
77) t-1,4-Dichloro-2-butene	12.727	75	46315	31.717	ug/l	# 8

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

Quant Time: Jun 13 01:19:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
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QLast Update : Mon Jun 06 14:10:15 2022
Response via : Initial Calibration

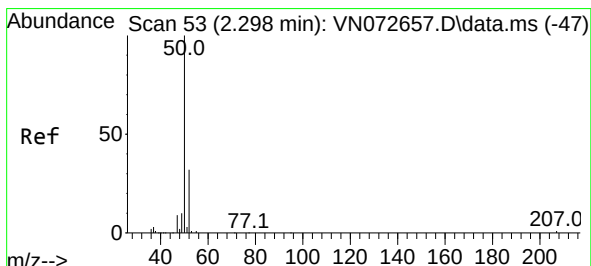
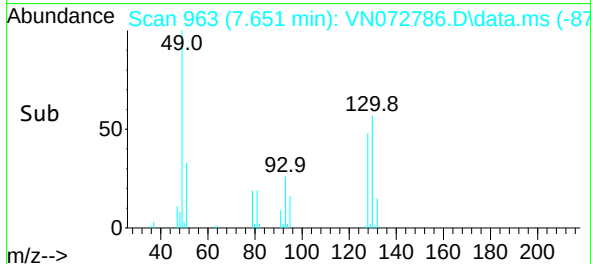
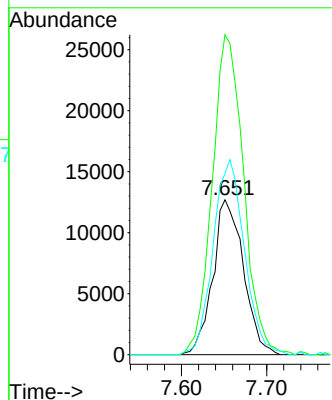
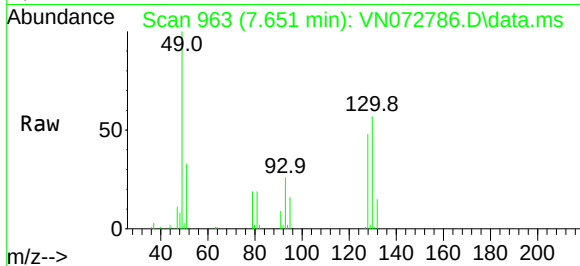




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

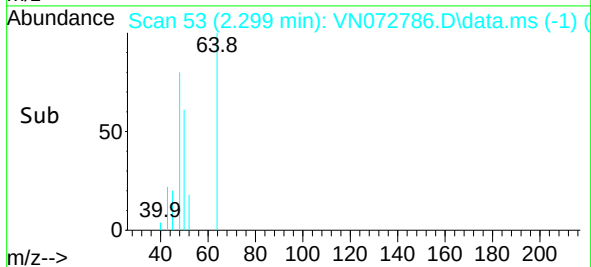
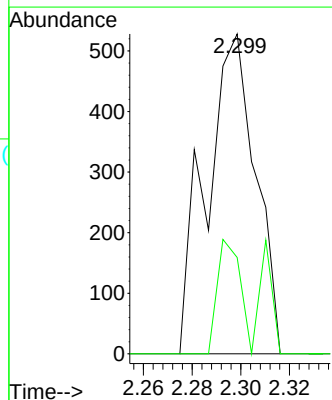
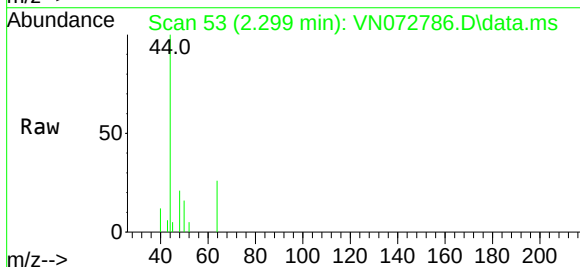
Instrument :
MSVOA_N
ClientSampleId :

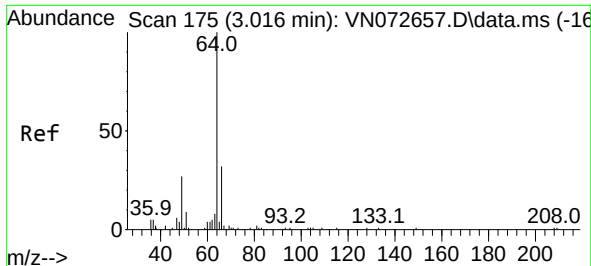
Tgt Ion	Ratio	Lower	Upper
128	100		
49	211.3	0.0	392.3
130	129.2	0.0	320.2



#3
Chloromethane
Concen: 0.287 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

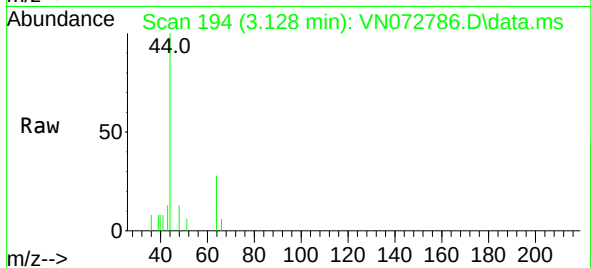
Tgt Ion	Ratio	Lower	Upper
50	100		
52	30.1	27.8	41.6



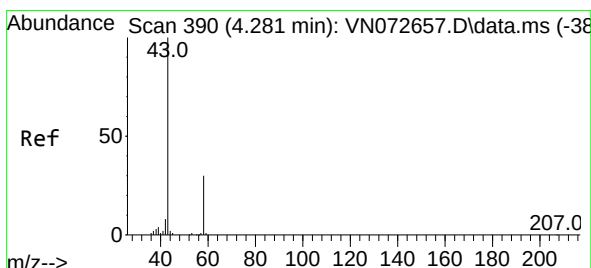
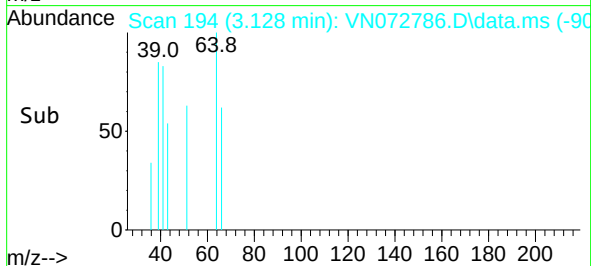
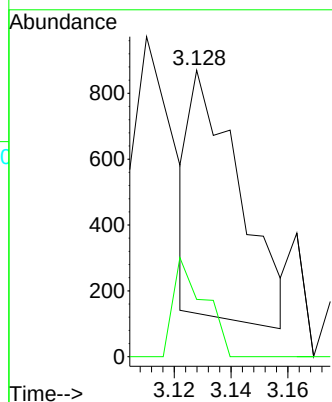


#6
Chloroethane
Concen: 0.574 ug/l
RT: 3.128 min Scan# 194
Delta R.T. 0.112 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :

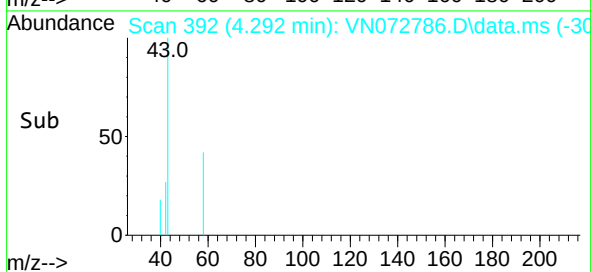
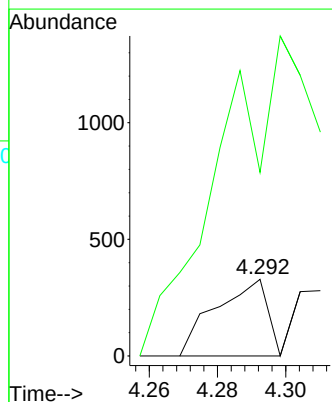
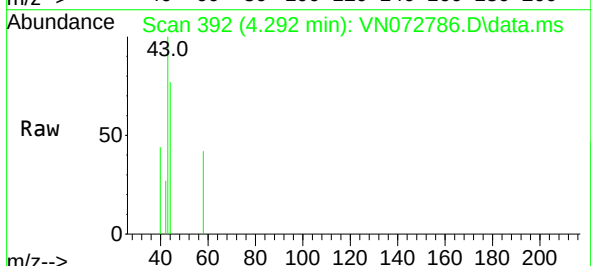


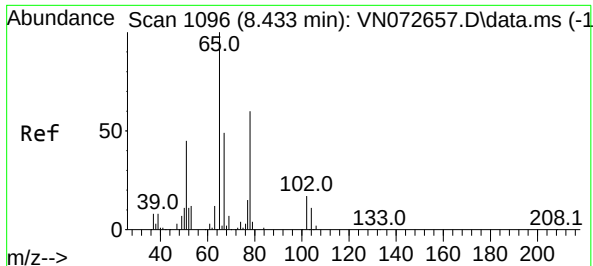
Tgt Ion: 64 Resp: 892
Ion Ratio Lower Upper
64 100
66 27.6 24.6 36.8



#15
Acetone
Concen: 0.727 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

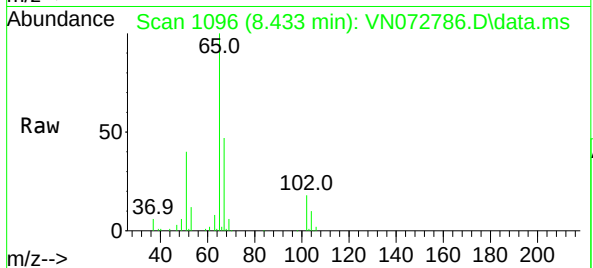
Tgt Ion: 58 Resp: 347
Ion Ratio Lower Upper
58 100
43 130.4 256.6 384.8#



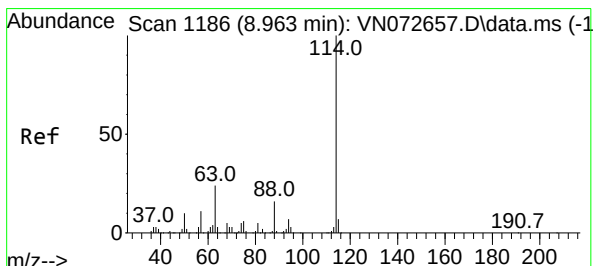
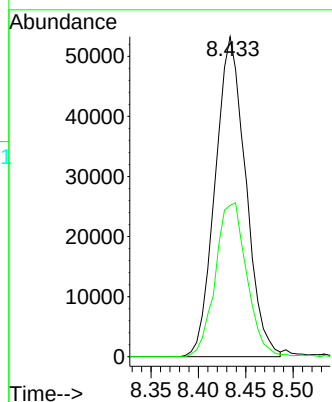
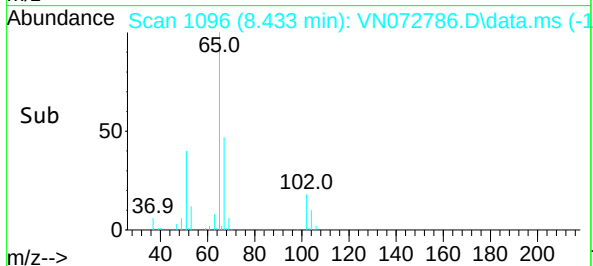


#27
1,2-Dichloroethane-d4
Concen: 32.942 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

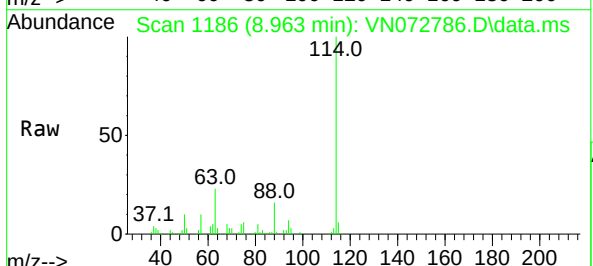
Instrument :
MSVOA_N
ClientSampleId :



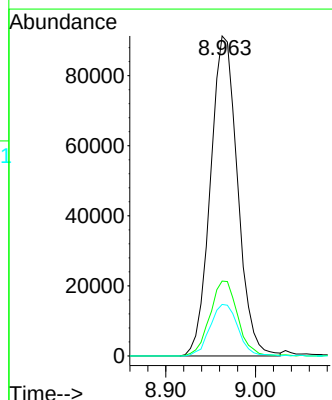
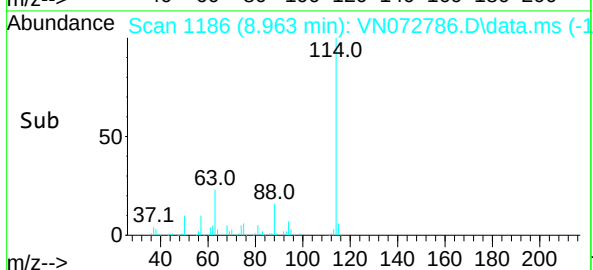
Tgt Ion: 65 Resp: 119190
Ion Ratio Lower Upper
65 100
67 49.5 40.2 60.2

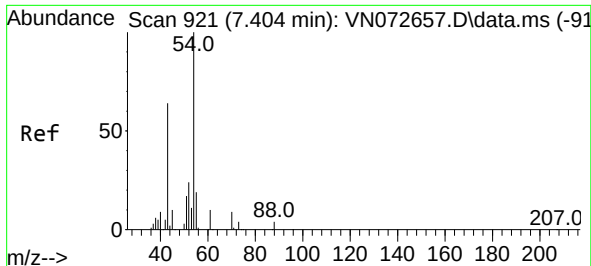


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41



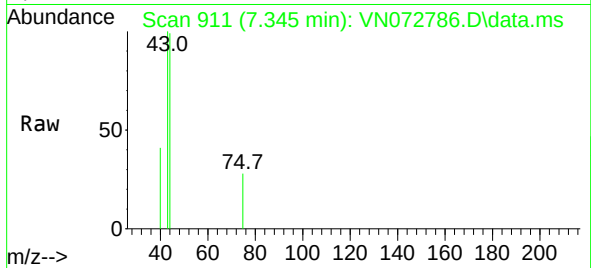
Tgt Ion: 114 Resp: 191801
Ion Ratio Lower Upper
114 100
63 23.9 15.8 23.6#
88 16.6 11.6 17.4



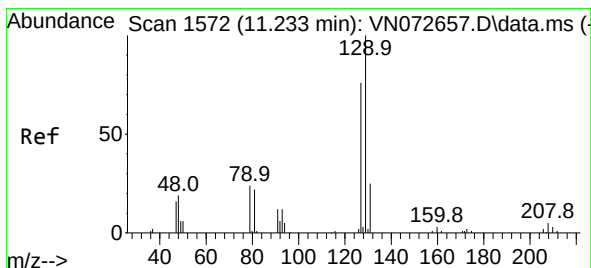
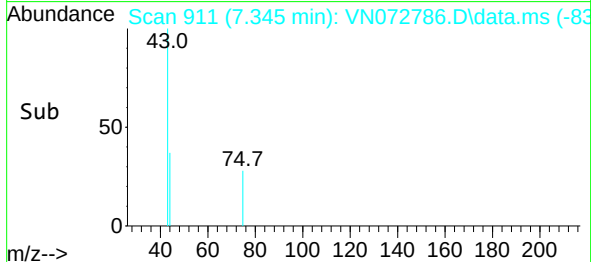
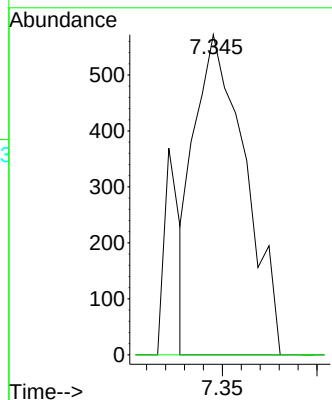


#43
Ethyl Acetate
Concen: 0.211 ug/l
RT: 7.345 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :

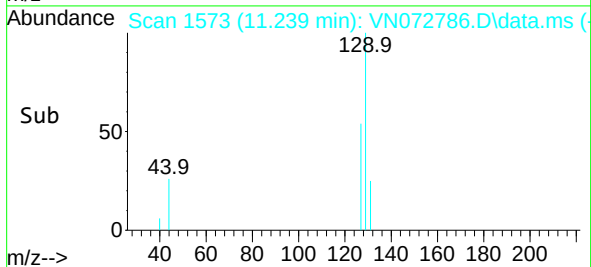
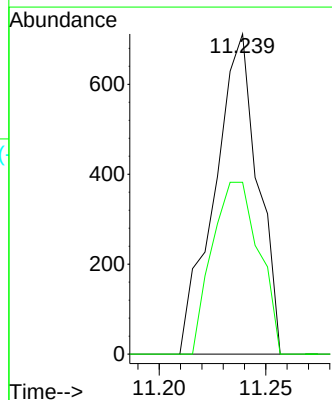
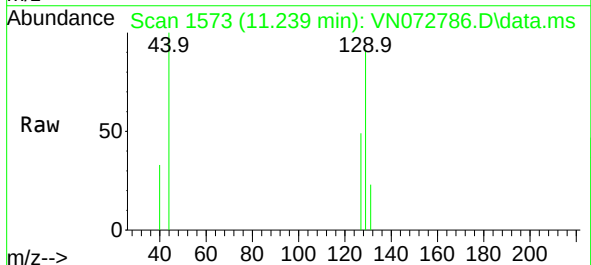


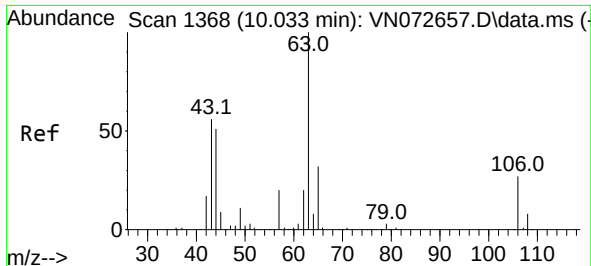
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
45 0.0 10.6 16.0#



#53
Dibromochloromethane
Concen: 0.317 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Tgt Ion: 129 Resp: 1009
Ion Ratio Lower Upper
129 100
127 58.2 39.0 117.0

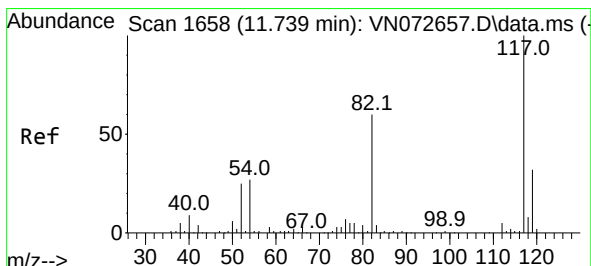
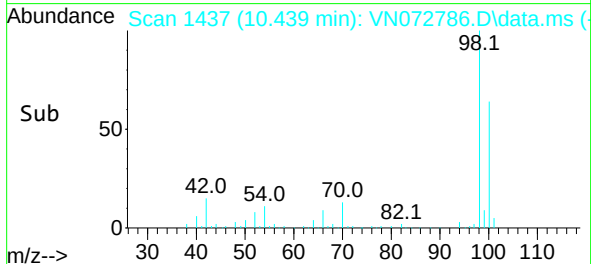
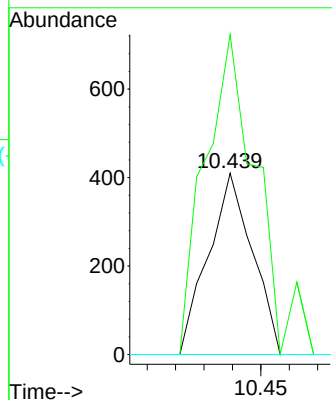
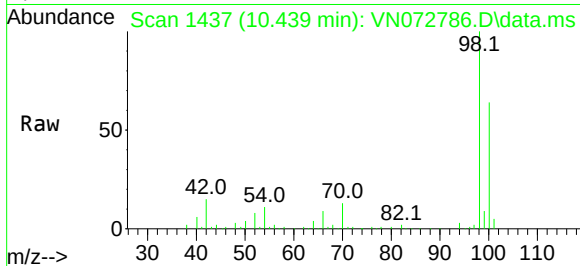




#55
2-Chloroethyl vinyl ether
Concen: 0.216 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.406 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

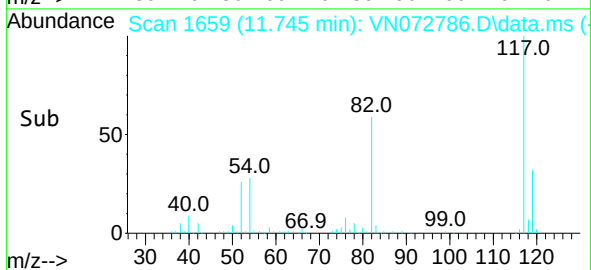
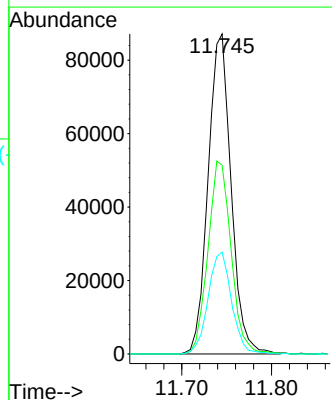
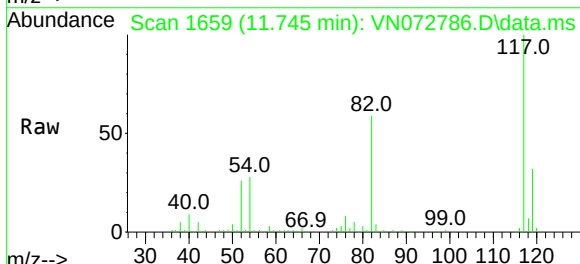
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MSVOA_N
ClientSampleId :

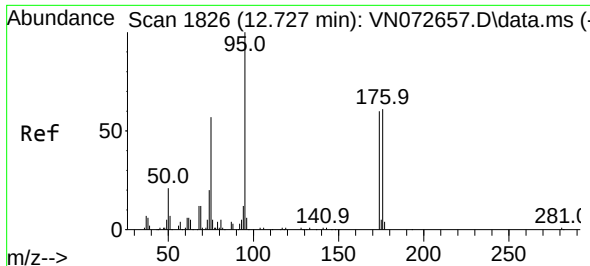
Tgt Ion: 63 Resp: 442
Ion Ratio Lower Upper
63 100
65 196.2 25.4 38.0#
106 0.0 23.2 34.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Tgt Ion: 117 Resp: 154946
Ion Ratio Lower Upper
117 100
82 60.9 43.6 65.4
119 32.5 25.8 38.6

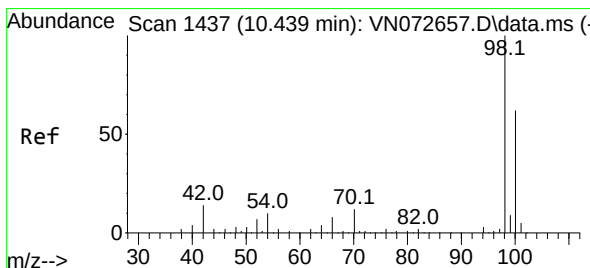
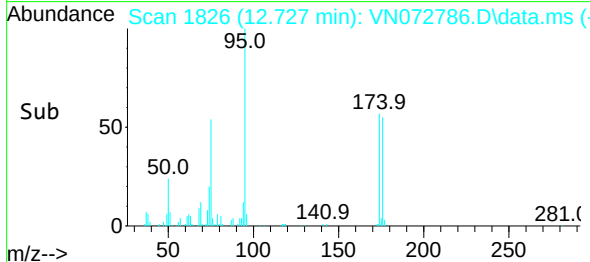
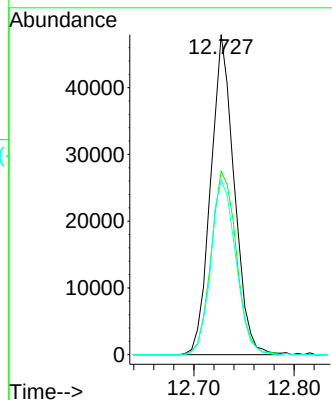
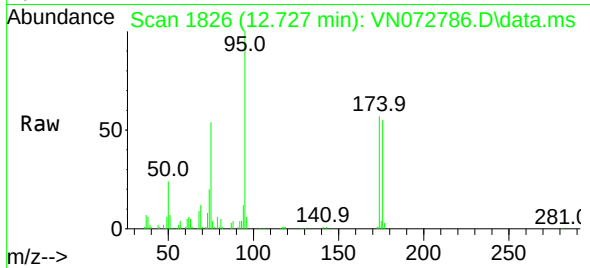




#60
4-Bromofluorobenzene
Concen: 24.466 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

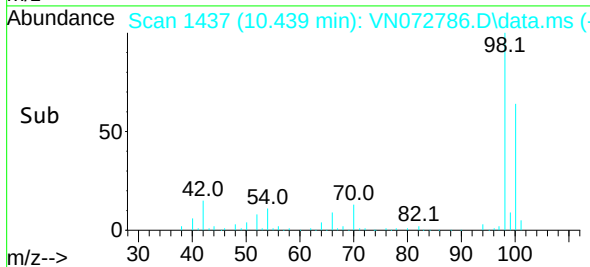
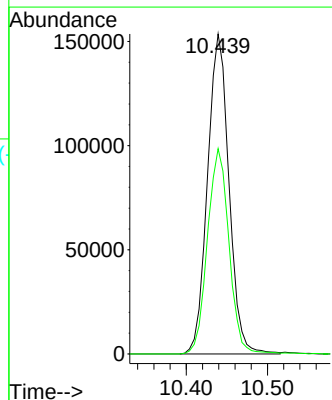
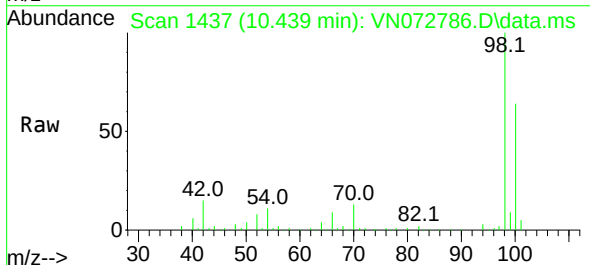
Instrument :
MSVOA_N
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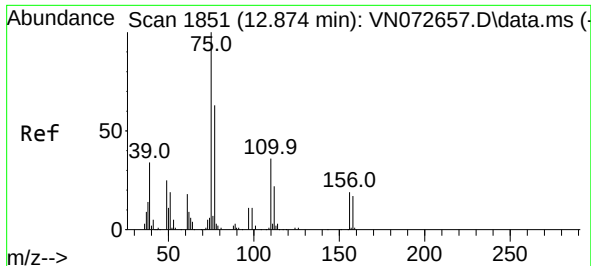
Tgt Ion: 95 Resp: 77971
Ion Ratio Lower Upper
95 100
174 61.6 62.9 94.3#
176 58.2 61.0 91.4#



#63
Toluene-d8
Concen: 32.823 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Tgt Ion: 98 Resp: 281732
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

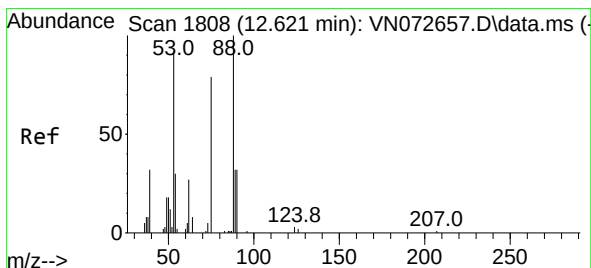
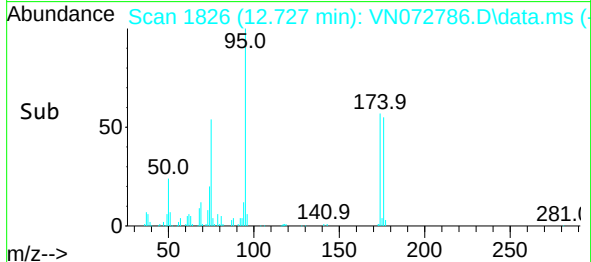
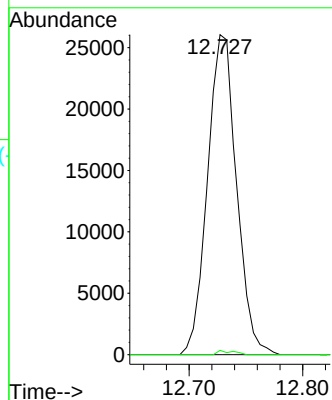
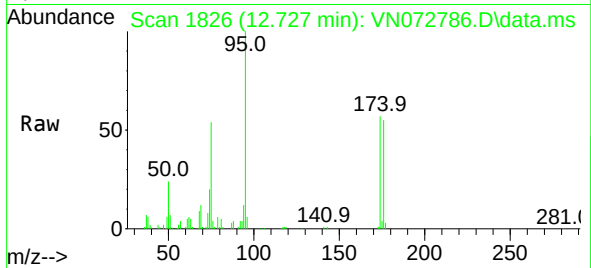




#72
1,2,3-Trichloropropane
Concen: 13.368 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 46315
Ion Ratio Lower Upper
75 100
77 0.4 0.0 378.0



#77
t-1,4-Dichloro-2-butene
Concen: 31.717 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072786.D
Acq: 11 Jun 2022 13:41

Tgt Ion: 75 Resp: 46315
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

