

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081899.D
 Acq On : 27 Apr 2024 02:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 14 11:16:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:13:26 2024
 Response via : Initial Calibration

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

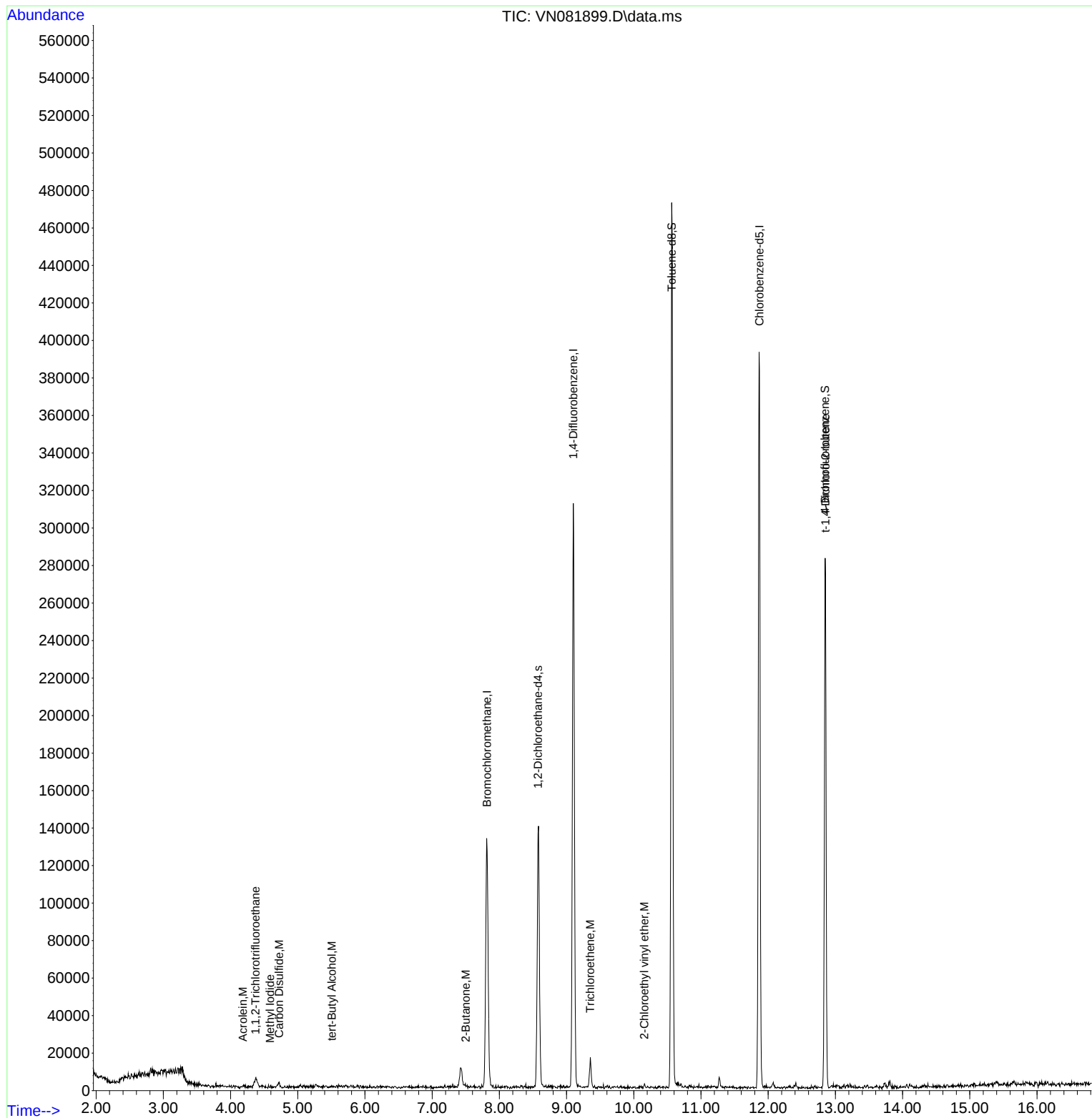
Internal Standards						
1) Bromochloromethane	7.818	128	44375	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	260086	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	222226	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	111434	33.420	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 111.400%#	
60) 4-Bromofluorobenzene	12.847	95	102601	30.200	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.667%	
63) Toluene-d8	10.565	98	320953	32.183	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 107.267%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.371	101	1789	0.692	ug/l	77
11) Methyl Iodide	4.589	142	554	0.204	ug/l #	34
13) Acrolein	4.183	56	502	1.003	ug/l	84
16) Carbon Disulfide	4.724	76	3507	0.505	ug/l #	78
23) tert-Butyl Alcohol	5.506	59	155	0.373	ug/l #	100
30) 2-Butanone	7.500	43	529	0.372	ug/l #	47
37) Trichloroethene	9.353	130	4967	1.578	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	478	0.226	ug/l #	43
77) t-1,4-Dichloro-2-butene	12.853	75	54332	49.547	ug/l #	12

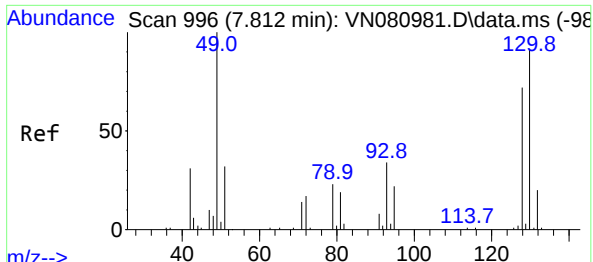
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
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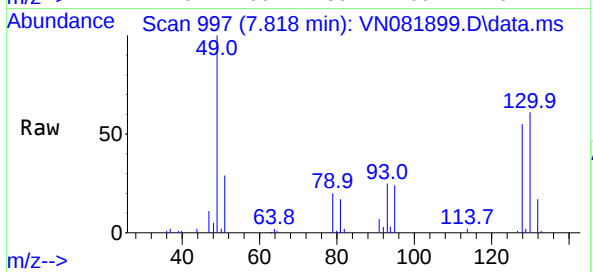
Quant Time: May 14 11:16:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 14 11:13:26 2024
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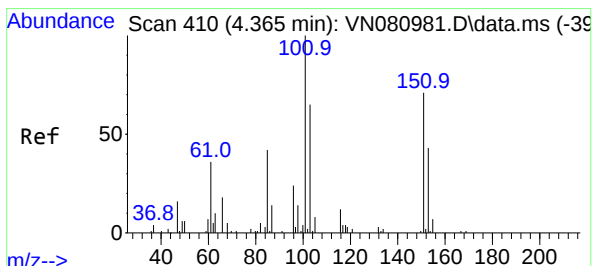
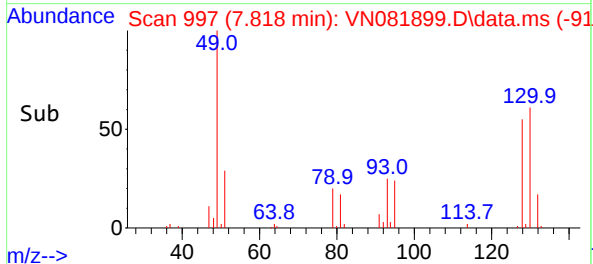
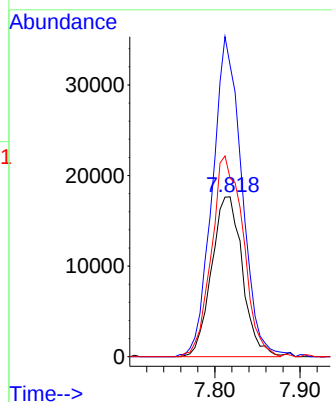


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Instrument :
MSVOA_N
ClientSampleId :
IBLK

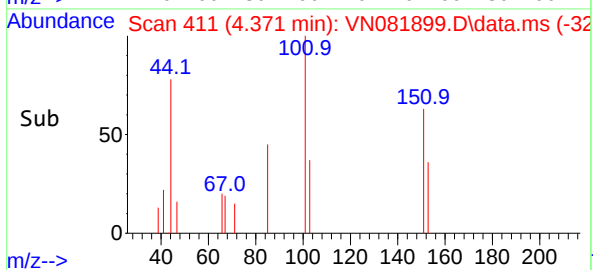
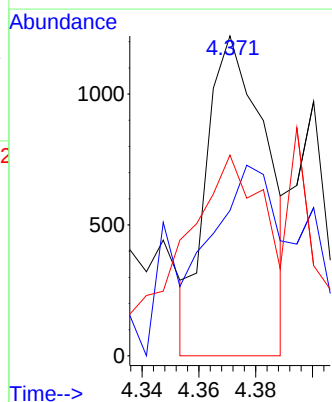
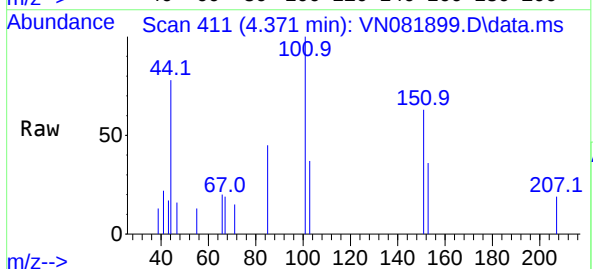


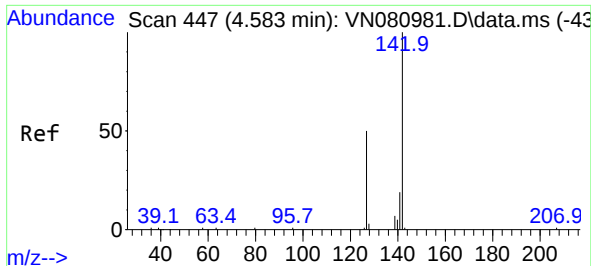
Tgt Ion:128 Resp: 44375
Ion Ratio Lower Upper
128 100
49 191.3 0.0 403.7
130 128.8 0.0 323.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.692 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion:101 Resp: 1789
Ion Ratio Lower Upper
101 100
85 73.1 0.0 90.6
151 89.5 0.0 157.6

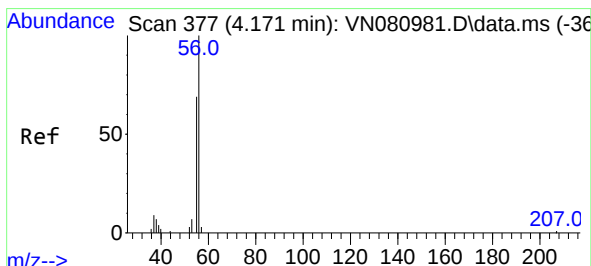
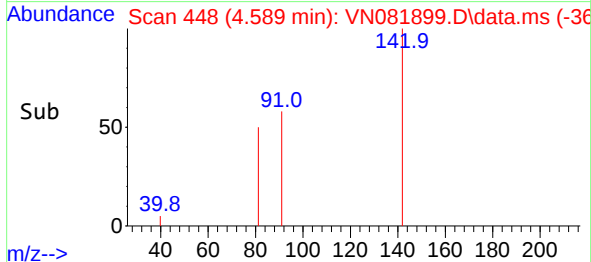
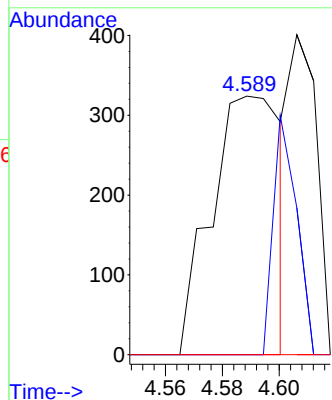
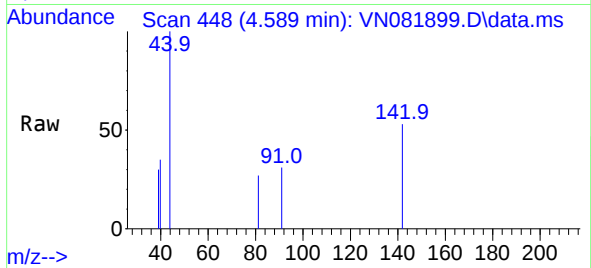




#11
Methyl Iodide
Concen: 0.204 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

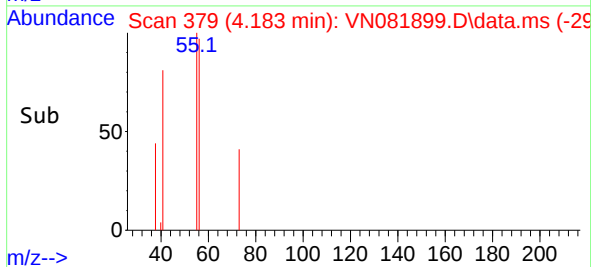
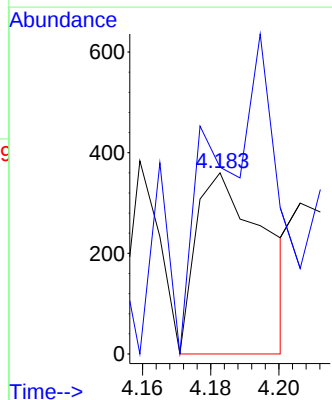
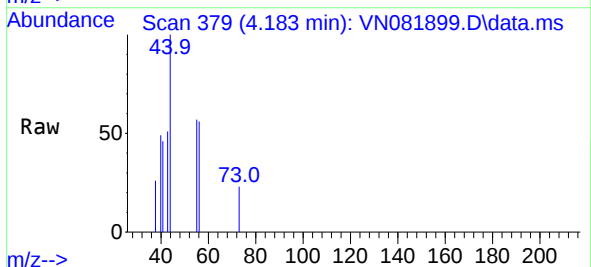
Instrument :
MSVOA_N
ClientSampleId :
IBLK

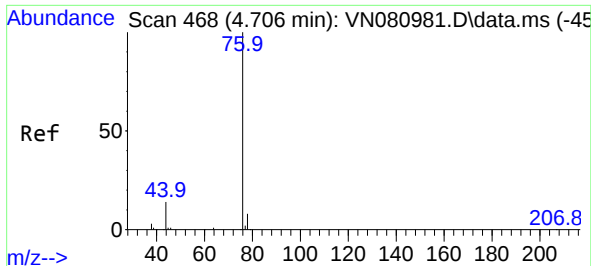
Tgt Ion:142 Resp: 554
Ion Ratio Lower Upper
142 100
127 0.0 26.3 78.9#
141 0.0 8.3 24.9#



#13
Acrolein
Concen: 1.003 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion: 56 Resp: 502
Ion Ratio Lower Upper
56 100
55 82.5 55.5 83.3

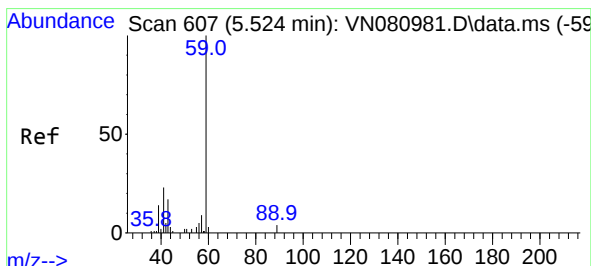
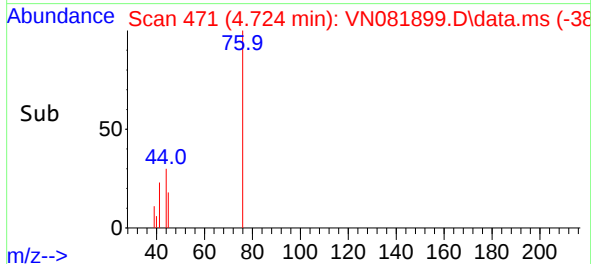
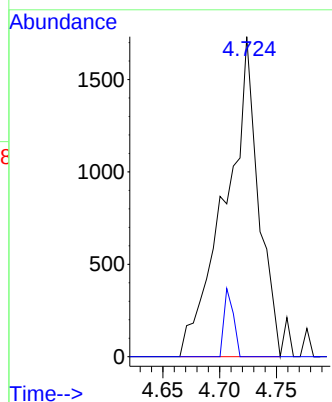
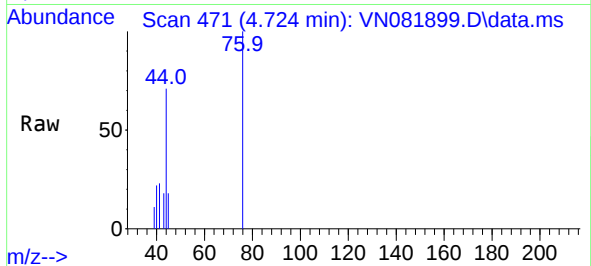




#16
Carbon Disulfide
Concen: 0.505 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

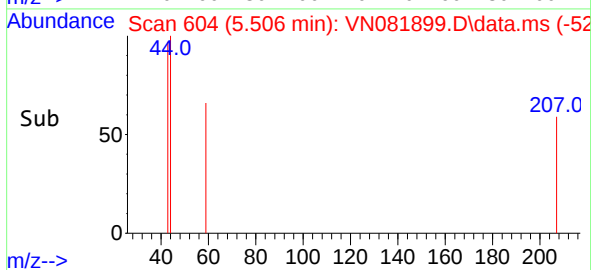
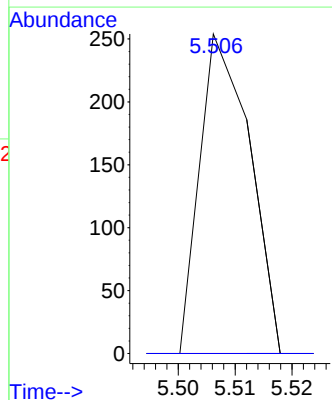
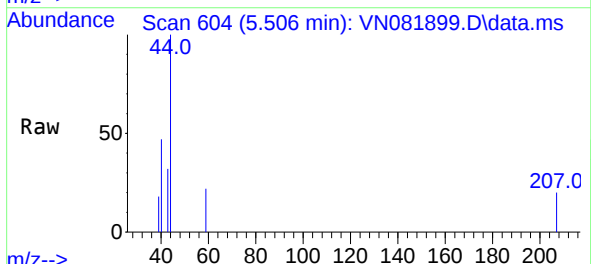
Instrument :
MSVOA_N
ClientSampleId :
IBLK

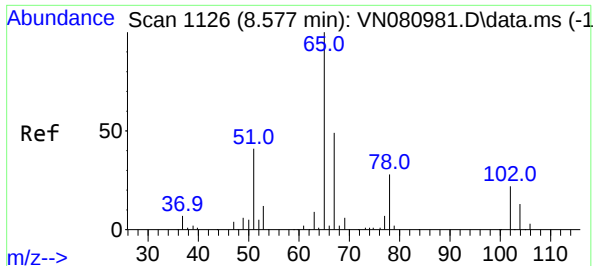
Tgt Ion: 76 Resp: 3507
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#23
tert-Butyl Alcohol
Concen: 0.373 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

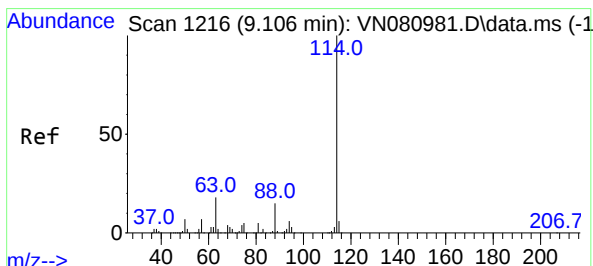
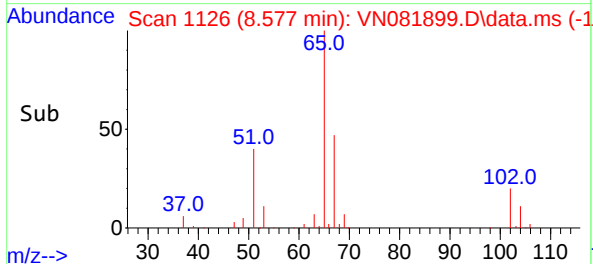
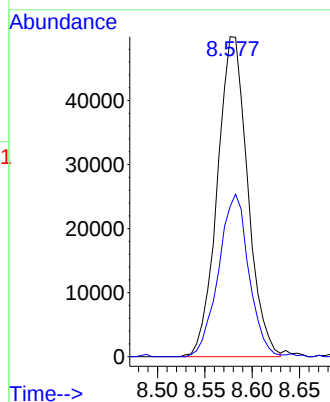
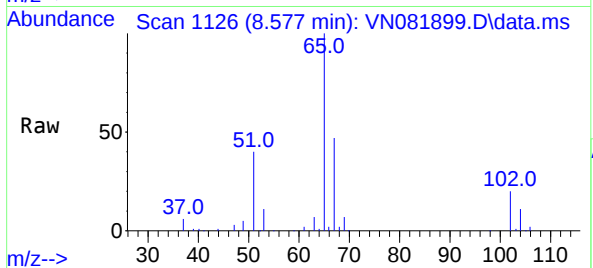




#27
1,2-Dichloroethane-d4
Concen: 33.420 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

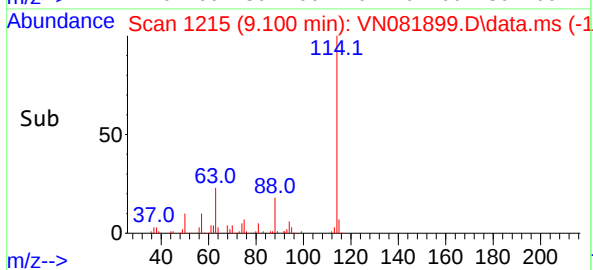
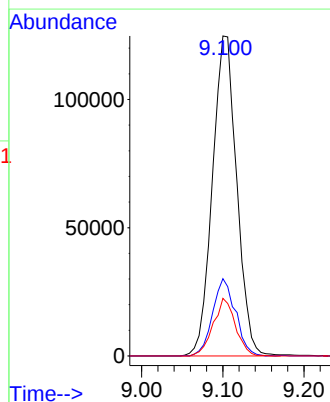
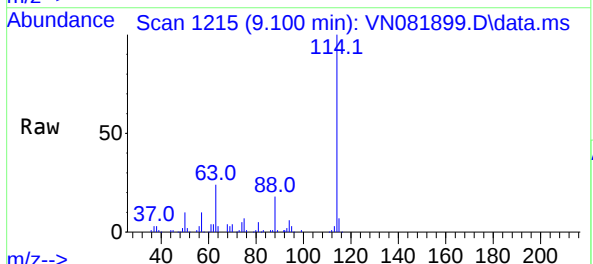
Instrument :
MSVOA_N
ClientSampleId :
IBLK

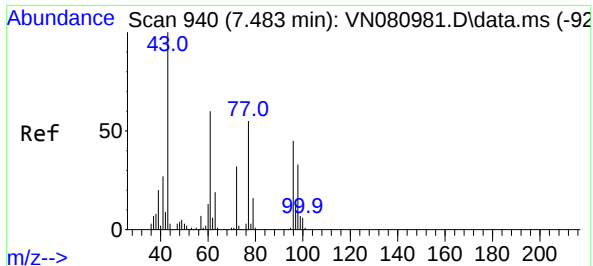
Tgt Ion: 65 Resp: 111434
Ion Ratio Lower Upper
65 100
67 50.6 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion: 114 Resp: 260086
Ion Ratio Lower Upper
114 100
63 22.7 15.9 23.9
88 16.4 12.7 19.1

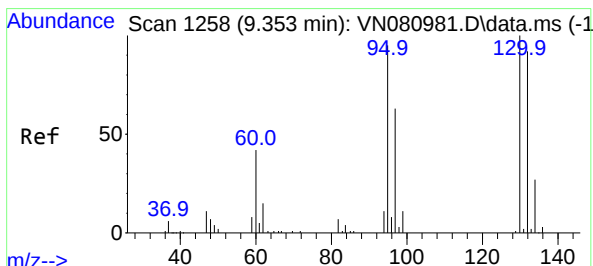
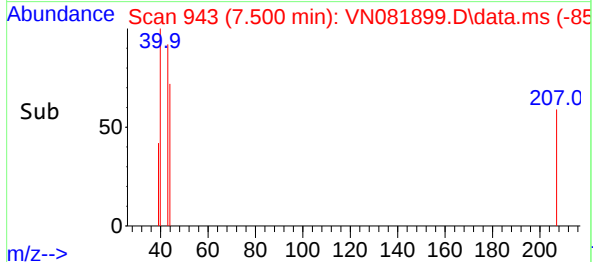
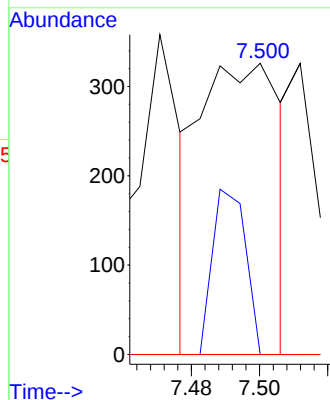
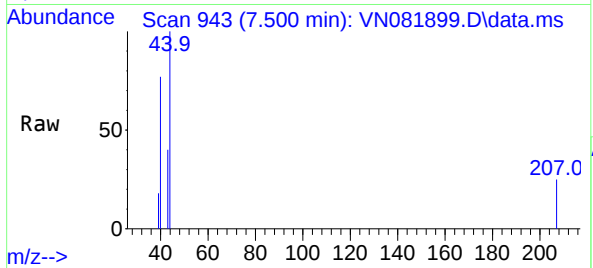




#30
2-Butanone
Concen: 0.372 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

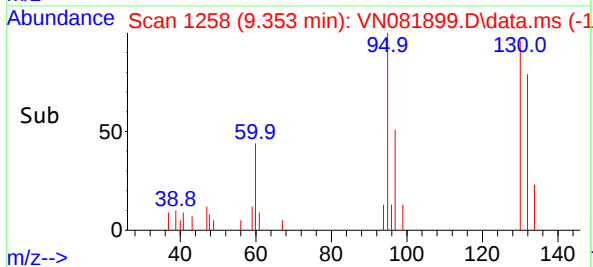
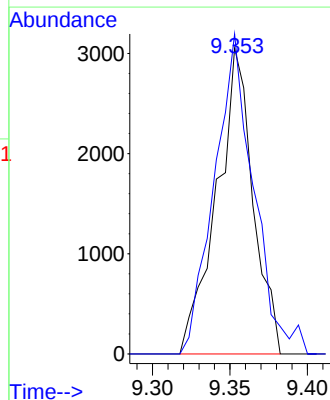
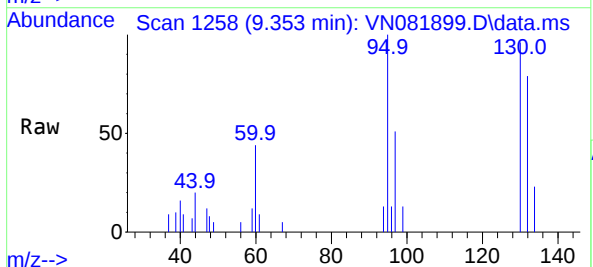
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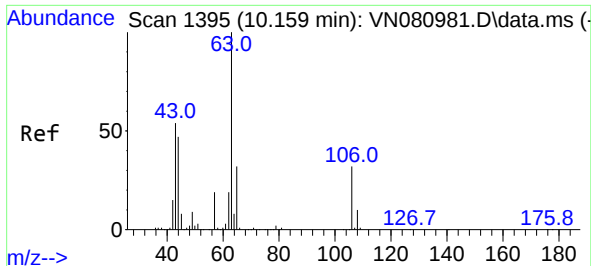
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
57 23.6 6.7 10.1#
72 0.0 24.0 36.0#



#37
Trichloroethene
Concen: 1.578 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion:130 Resp: 4967
Ion Ratio Lower Upper
130 100
95 104.6 80.2 120.4

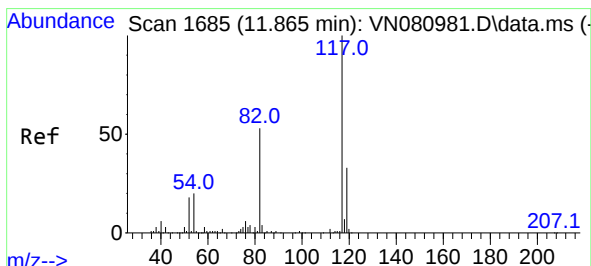
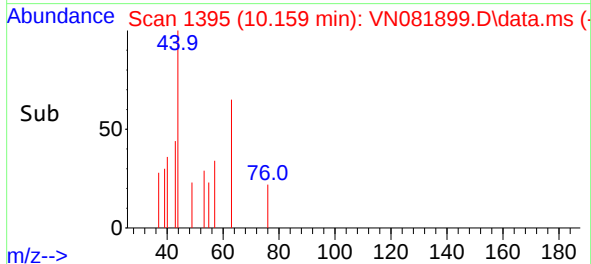
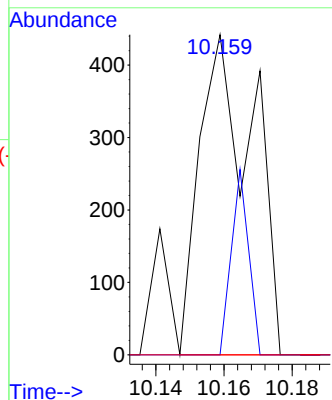
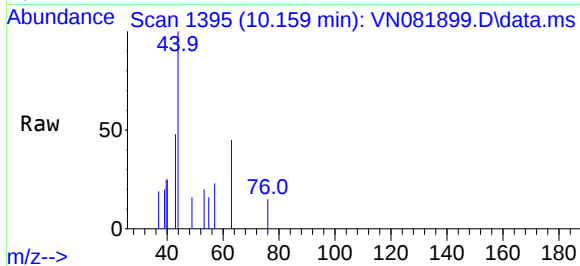




#55
2-Chloroethyl vinyl ether
Concen: 0.226 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

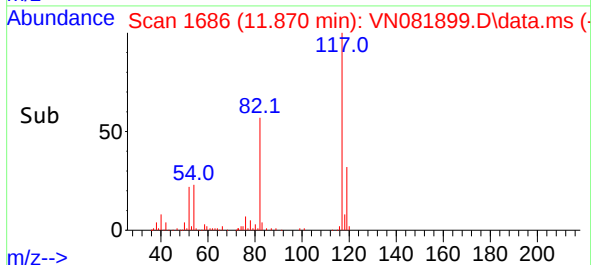
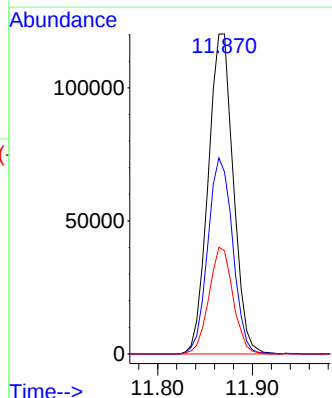
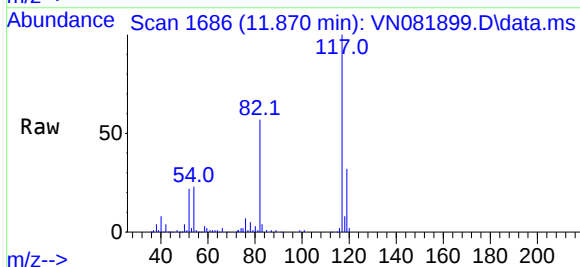
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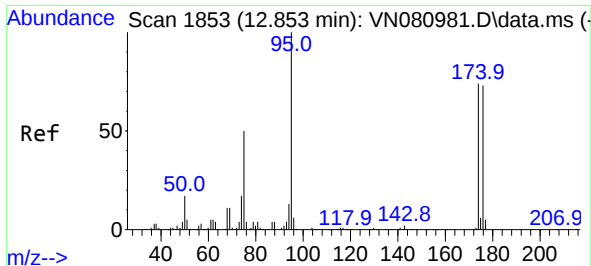
Tgt Ion: 63 Resp: 478
Ion Ratio Lower Upper
63 100
65 0.0 26.2 39.2#
106 0.0 23.8 35.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

Tgt Ion: 117 Resp: 222226
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 31.9 25.4 38.2

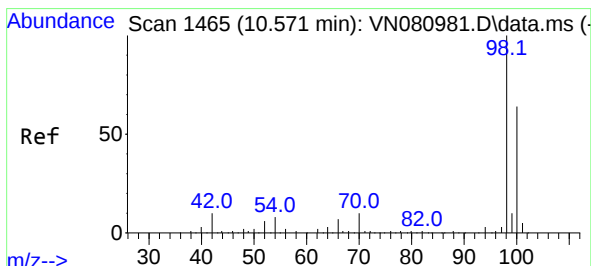
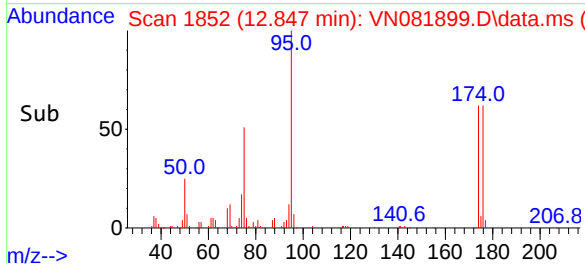
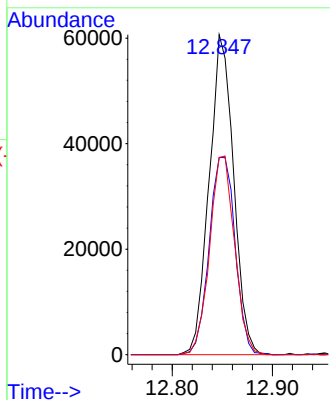
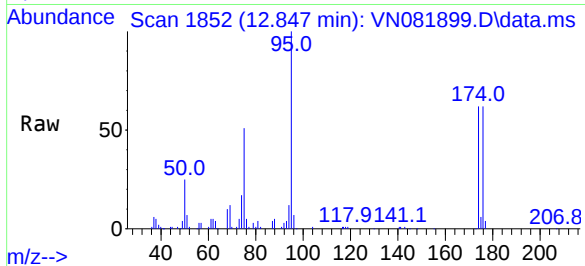




#60
4-Bromofluorobenzene
Concen: 30.200 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

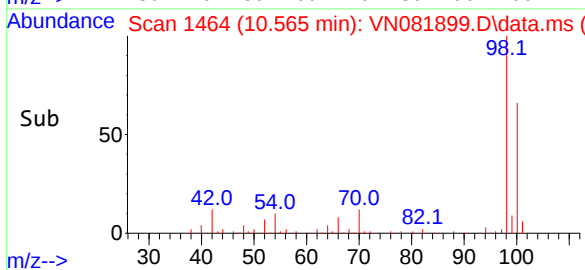
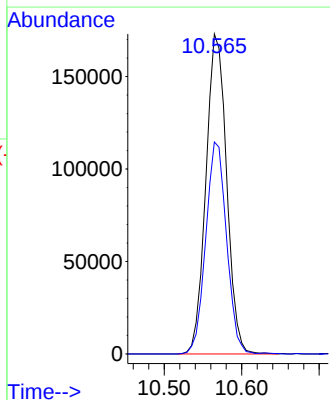
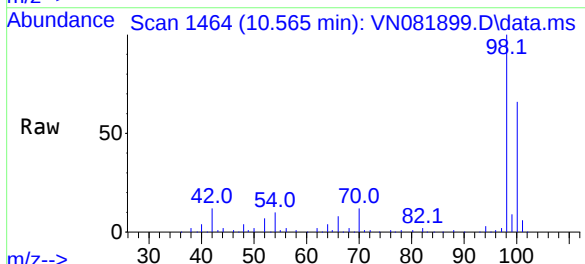
Instrument :
MSVOA_N
ClientSampleId :
IBLK

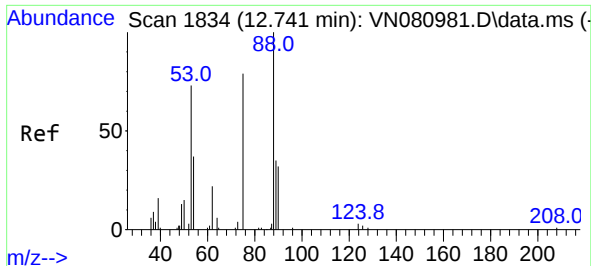
Tgt Ion: 95 Resp: 102601
Ion Ratio Lower Upper
95 100
174 65.5 60.5 90.7
176 63.5 57.8 86.6



#63
Toluene-d8
Concen: 32.183 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081899.D
Acq: 27 Apr 2024 02:45

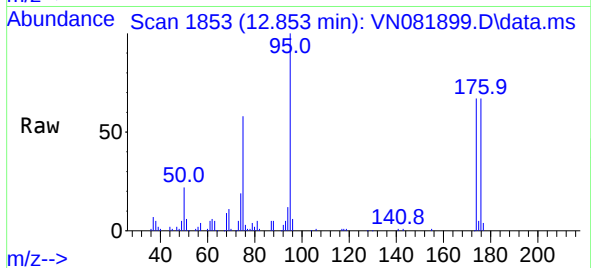
Tgt Ion: 98 Resp: 320953
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





#77
 t-1,4-Dichloro-2-butene
 Concen: 49.547 ug/l
 RT: 12.853 min Scan# 1834
 Delta R.T. 0.112 min
 Lab File: VN081899.D
 Acq: 27 Apr 2024 02:45

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 54332

Ion	Ratio	Lower	Upper
75	100		
53	0.0	45.9	137.7#
89	0.0	25.9	77.7#

