

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083713.D
 Acq On : 09 Sep 2024 13:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 10 01:19:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

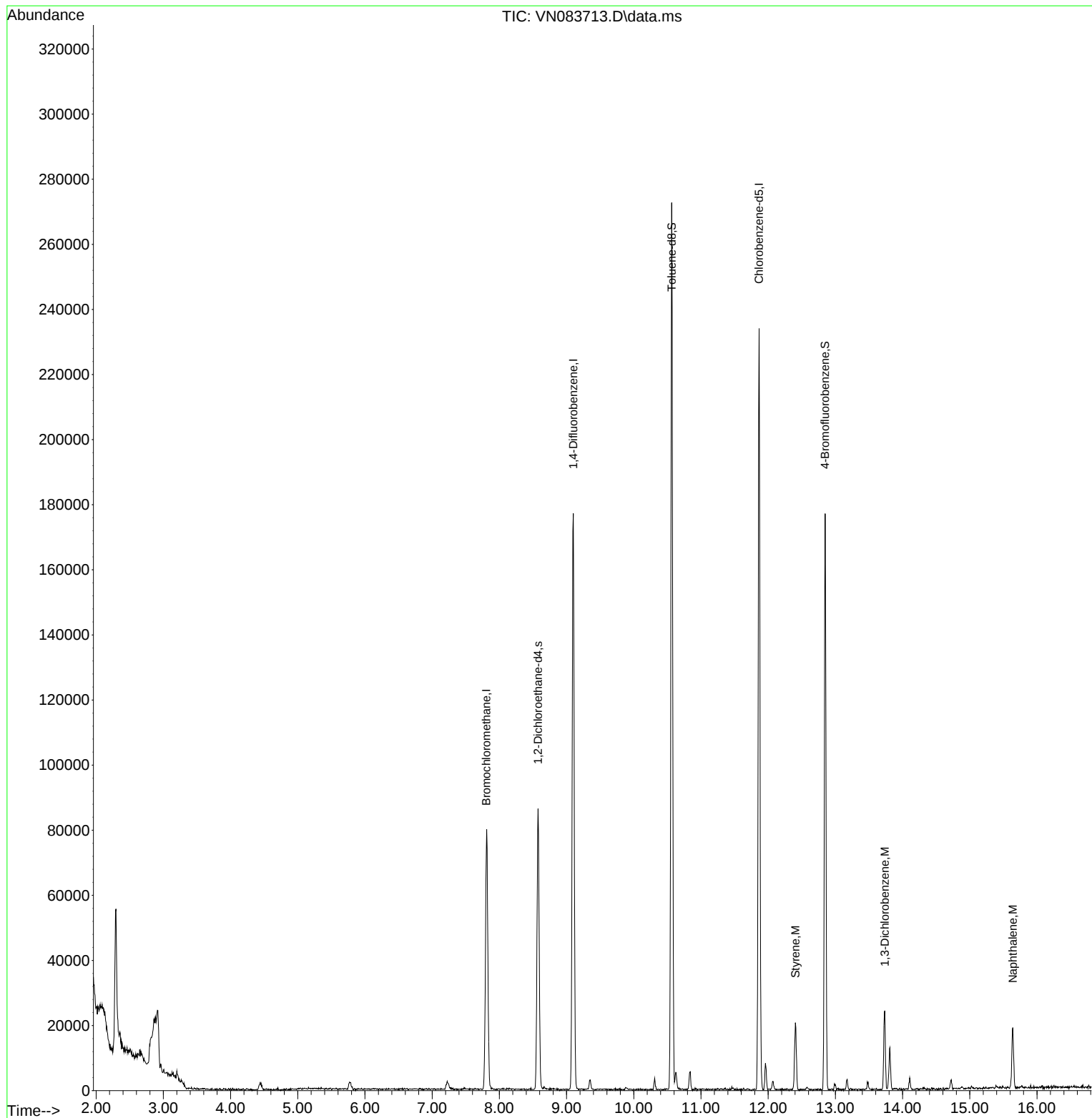
Internal Standards						
1) Bromochloromethane	7.806	128	26165	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	149720	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	126005	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72793	30.436	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.467%
60) 4-Bromofluorobenzene	12.847	95	61208	28.185	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.933%
63) Toluene-d8	10.565	98	179384	30.745	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.500%
Target Compounds						
					Qvalue	
69) Styrene	12.406	104	7712	1.556	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	10217	2.986	ug/l	96
91) Naphthalene	15.641	128	18023	3.031	ug/l	97

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

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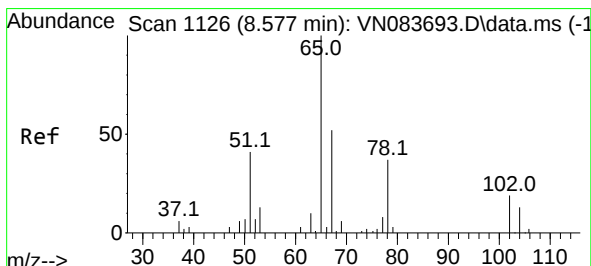
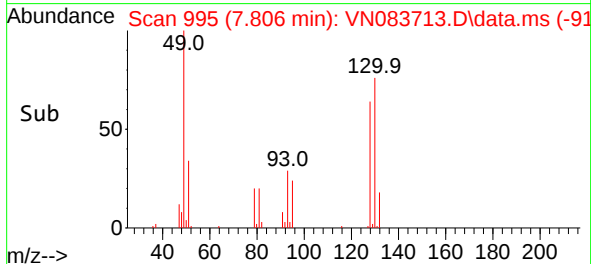
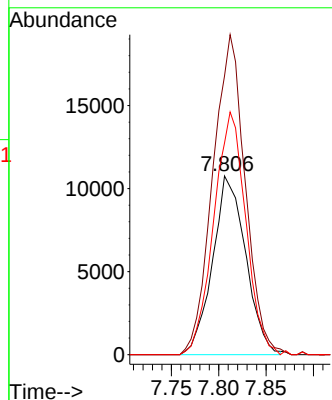
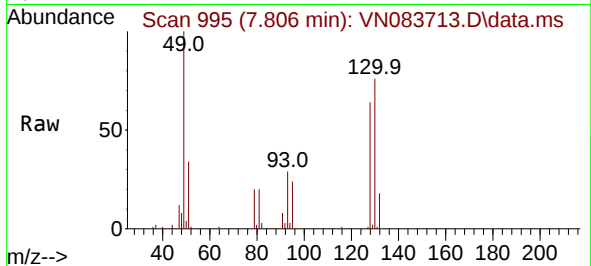




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

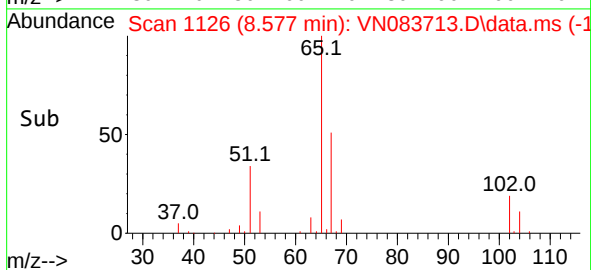
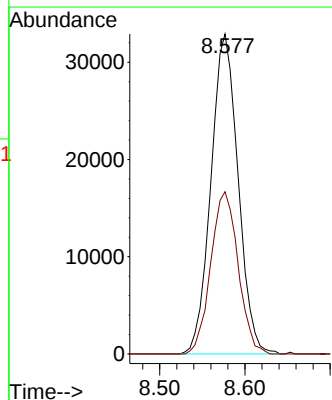
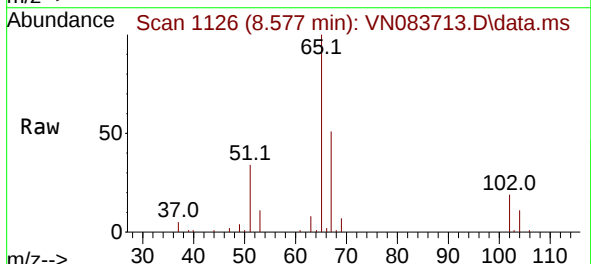
Instrument :
MSVOA_N
ClientSampleId :
IBLK

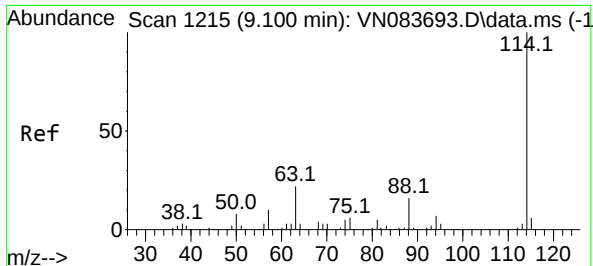
Tgt Ion:128 Resp: 26165
Ion Ratio Lower Upper
128 100
49 175.3 0.0 403.7
130 131.5 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.436 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

Tgt Ion: 65 Resp: 72793
Ion Ratio Lower Upper
65 100
67 51.1 43.2 64.8

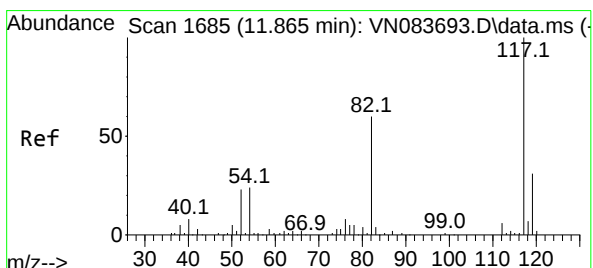
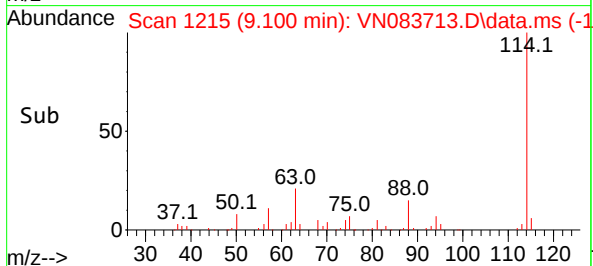
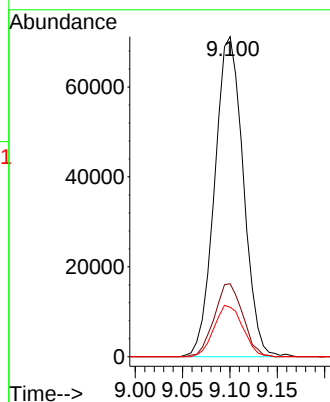
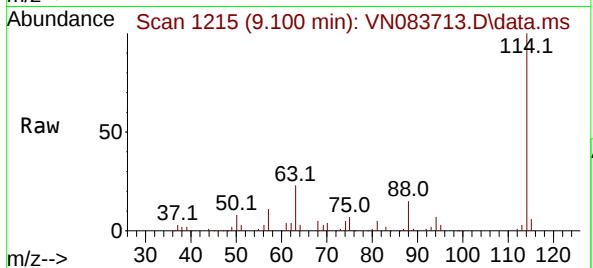




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

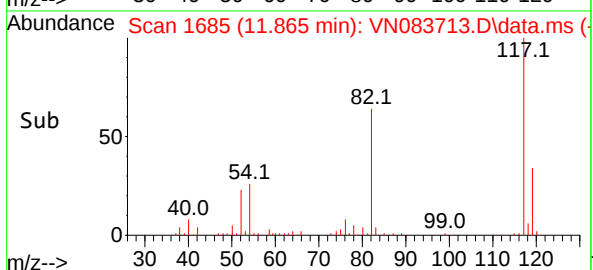
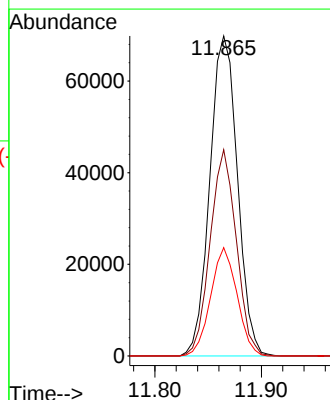
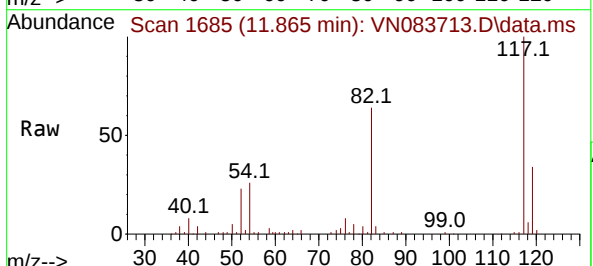
Instrument :
MSVOA_N
ClientSampleId :
IBLK

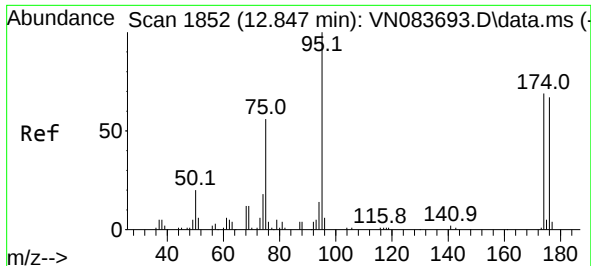
Tgt Ion:114 Resp: 149720
Ion Ratio Lower Upper
114 100
63 22.7 15.9 23.9
88 16.1 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

Tgt Ion:117 Resp: 126005
Ion Ratio Lower Upper
117 100
82 61.0 46.6 69.8
119 32.4 25.4 38.2

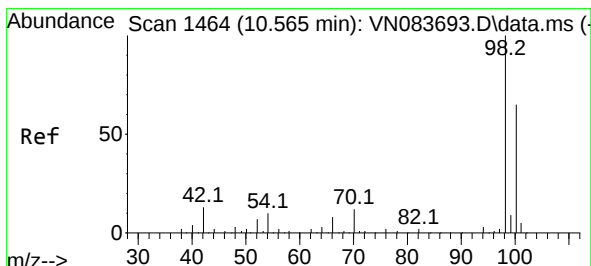
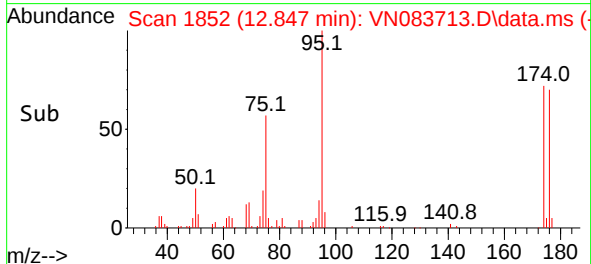
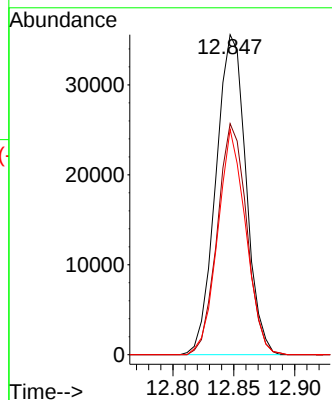
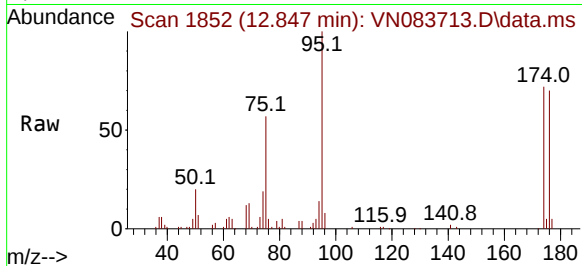




#60
4-Bromofluorobenzene
Concen: 28.185 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

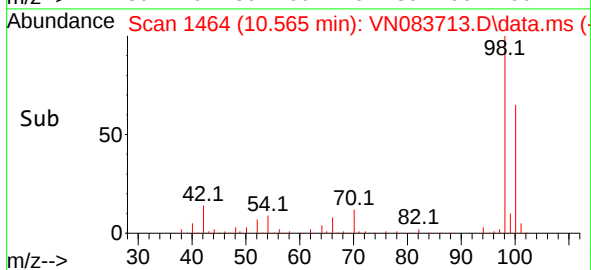
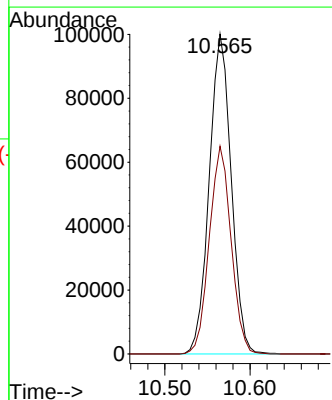
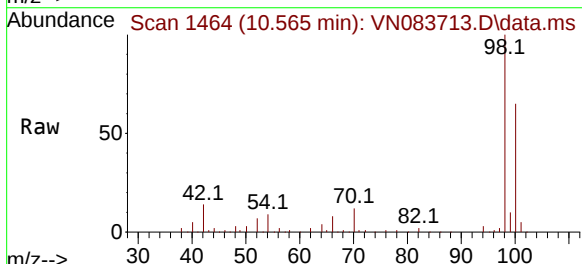
Instrument :
MSVOA_N
ClientSampleId :
IBLK

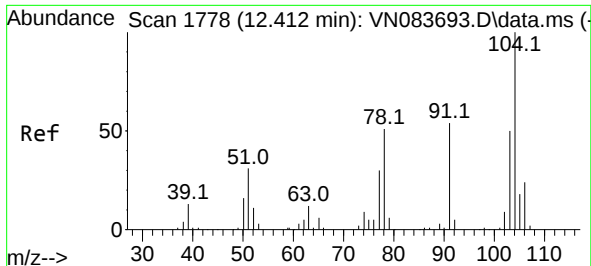
Tgt Ion: 95 Resp: 61208
Ion Ratio Lower Upper
95 100
174 70.4 60.5 90.7
176 65.9 57.8 86.6



#63
Toluene-d8
Concen: 30.745 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

Tgt Ion: 98 Resp: 179384
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

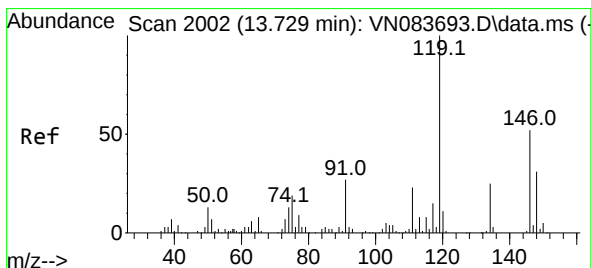
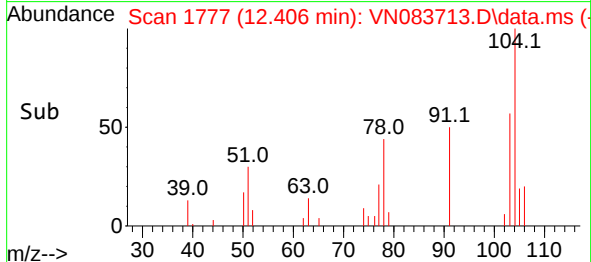
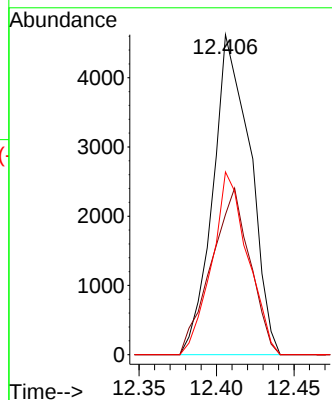
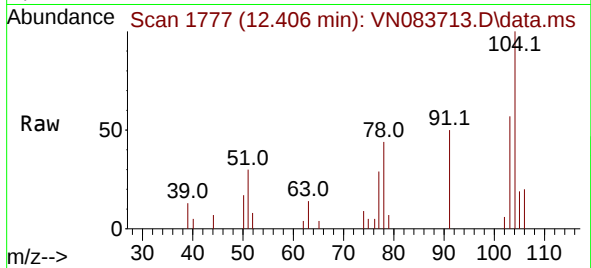




#69
Styrene
Concen: 1.556 ug/l
RT: 12.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

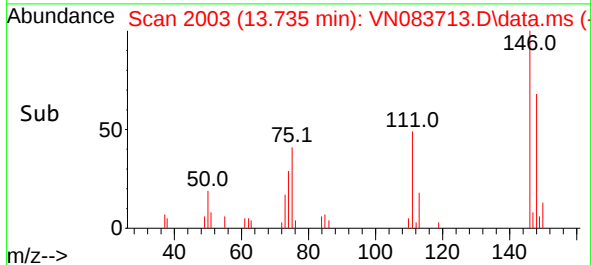
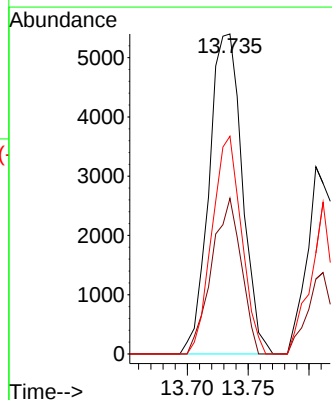
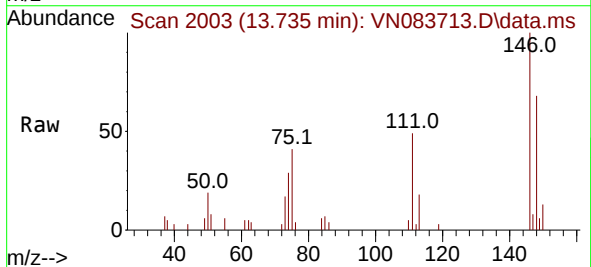
Instrument :
MSVOA_N
ClientSampleId :
IBLK

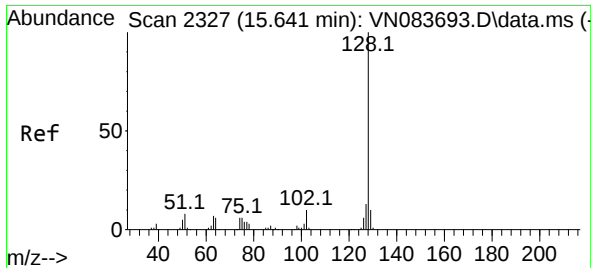
Tgt Ion:104 Resp: 7712
Ion Ratio Lower Upper
104 100
78 54.1 42.6 64.0
103 54.9 43.7 65.5



#83
1,3-Dichlorobenzene
Concen: 2.986 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

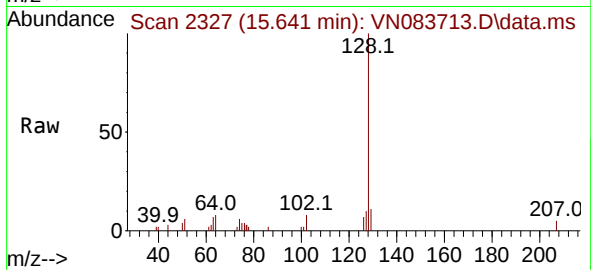
Tgt Ion:146 Resp: 10217
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 60.6 32.1 96.5





#91
Naphthalene
Concen: 3.031 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083713.D
Acq: 09 Sep 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	18023
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	16.0
129	10.0	8.6	13.0

