

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067735.D
 Acq On : 14 Jul 2021 11:17
 Operator : JC/MD
 Sample : VN0714WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBL02

Quant Time: Jul 14 17:15:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	76424	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	458934	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	394649	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	200519	32.477	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.267%
60) 4-Bromofluorobenzene	12.734	95	166049	25.908	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.367%
63) Toluene-d8	10.443	98	567964	31.290	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.300%

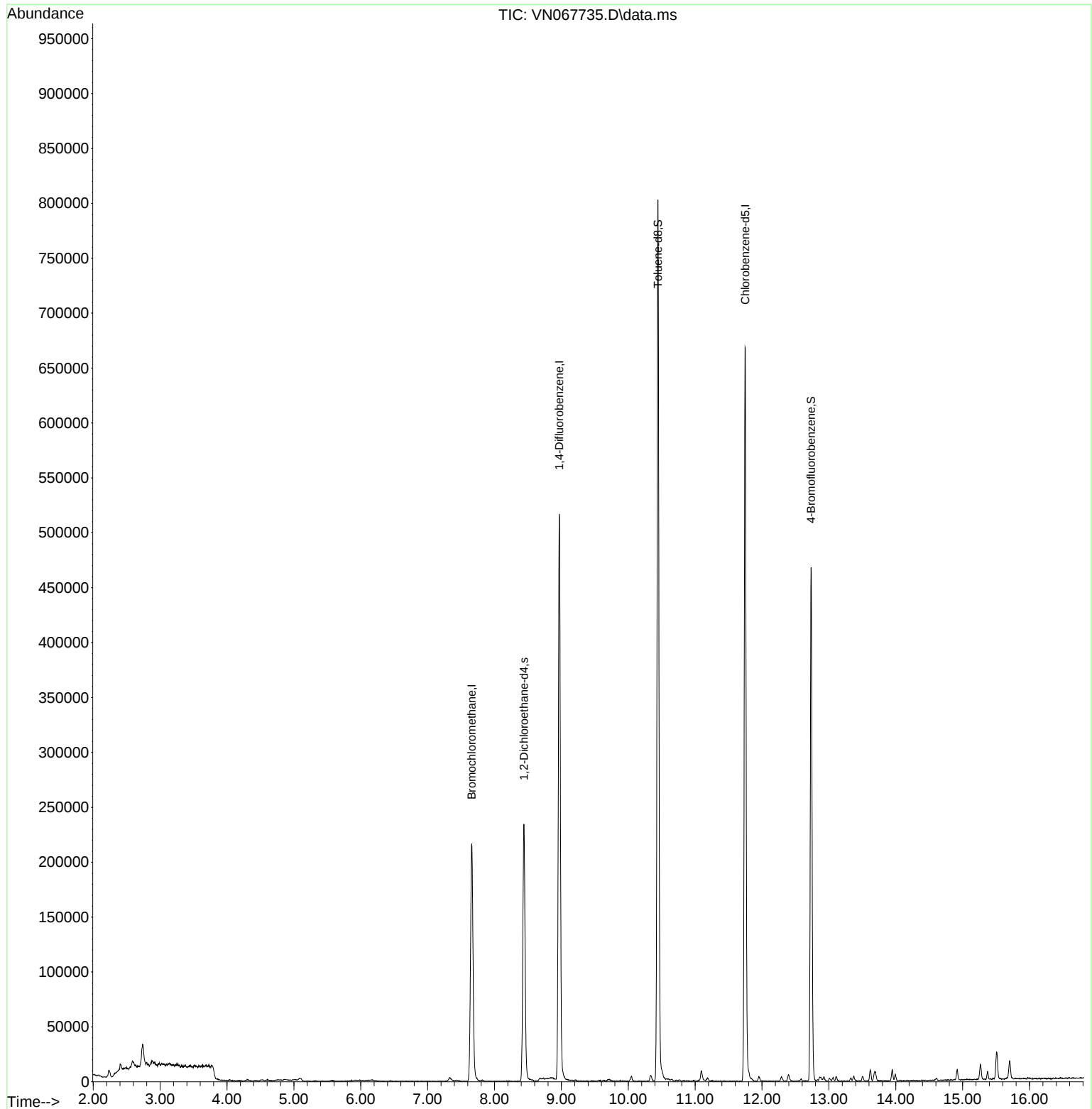
Target Compounds	Qvalue

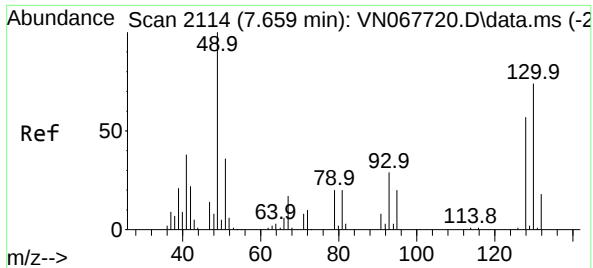
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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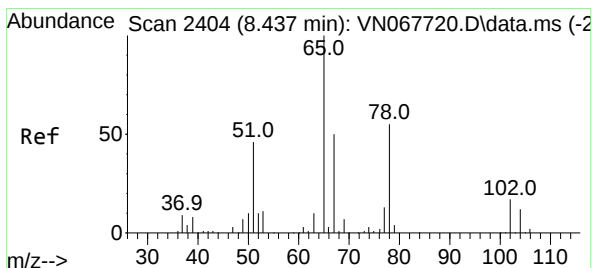
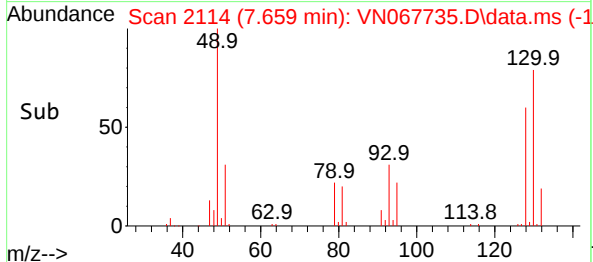
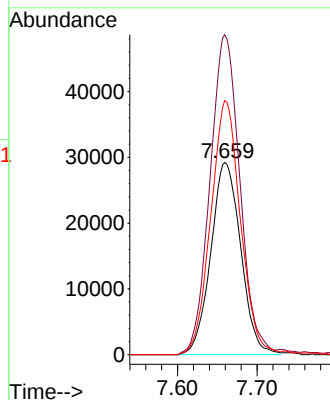
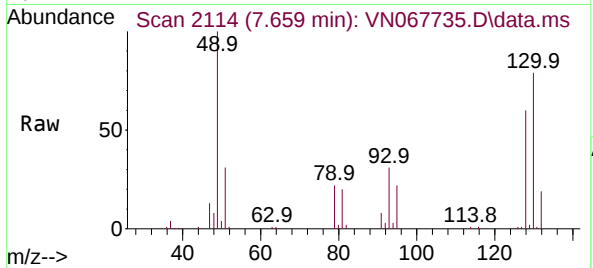




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

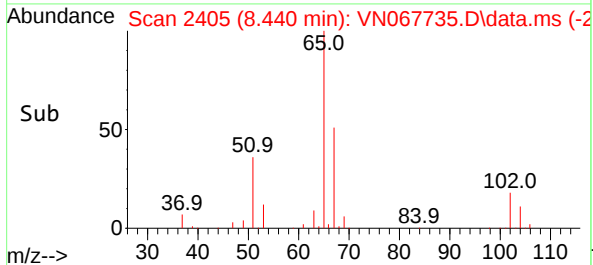
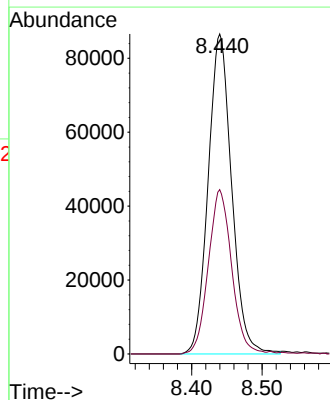
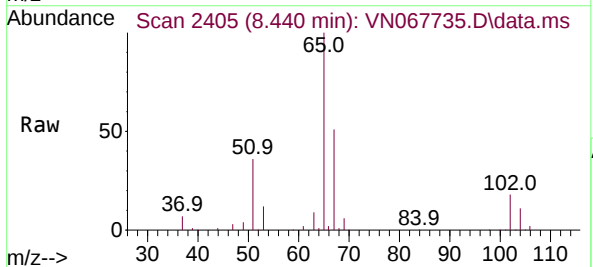
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL02

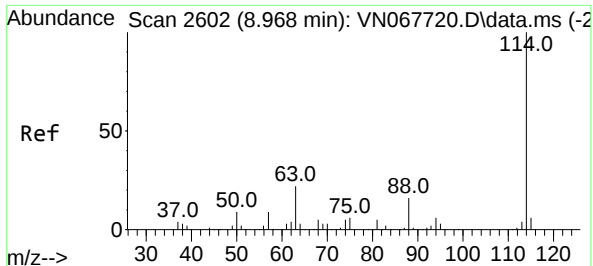
Tgt Ion:128 Resp: 76424
Ion Ratio Lower Upper
128 100
49 165.8 0.0 433.0
130 131.0 0.0 323.8



#27
1,2-Dichloroethane-d4
Concen: 32.477 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

Tgt Ion: 65 Resp: 200519
Ion Ratio Lower Upper
65 100
67 50.8 40.6 60.8



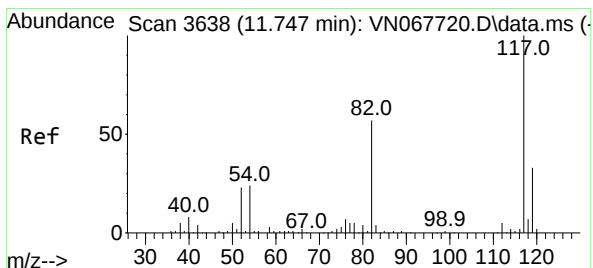
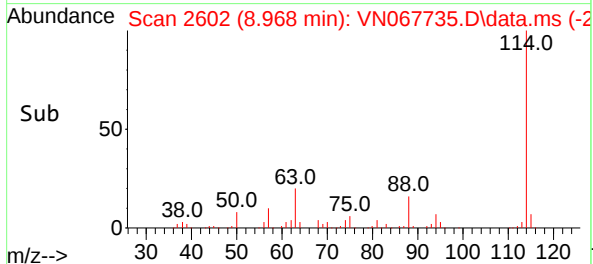
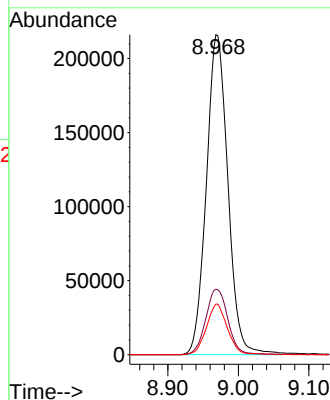
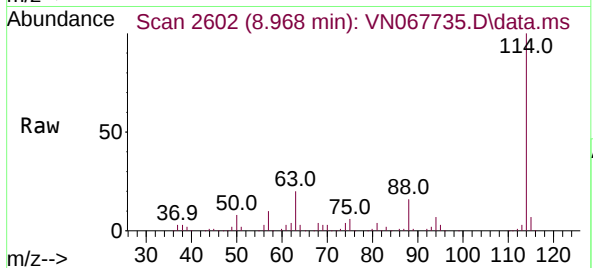


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL02

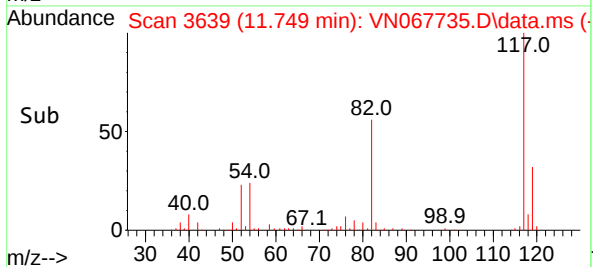
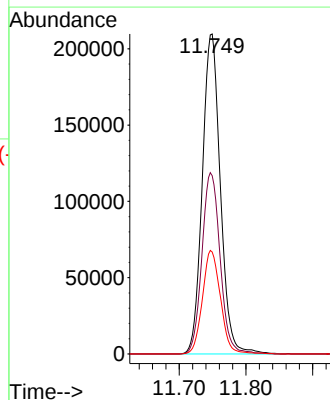
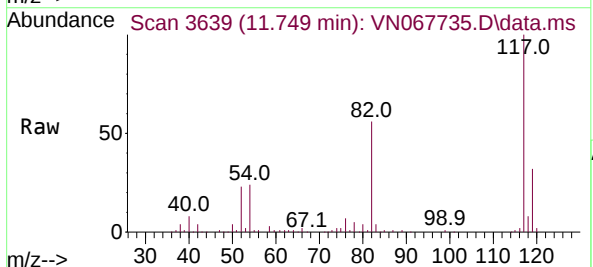
Tgt Ion:114 Resp: 458934
Ion Ratio Lower Upper
114 100
63 20.9 17.2 25.8
88 15.2 12.4 18.6

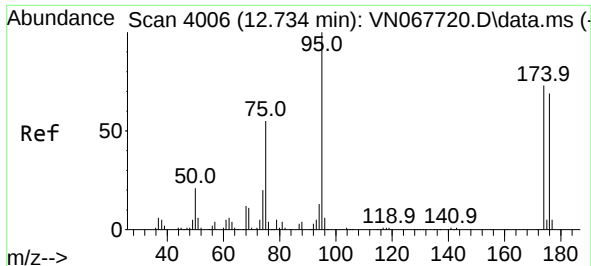


#57

Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

Tgt Ion:117 Resp: 394649
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.2 25.7 38.5

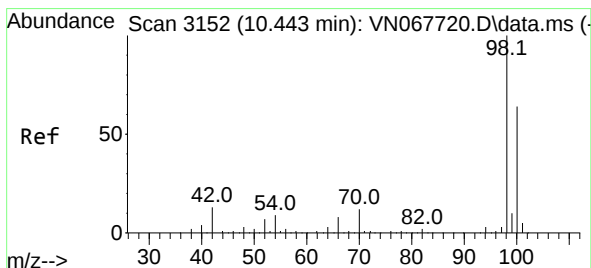
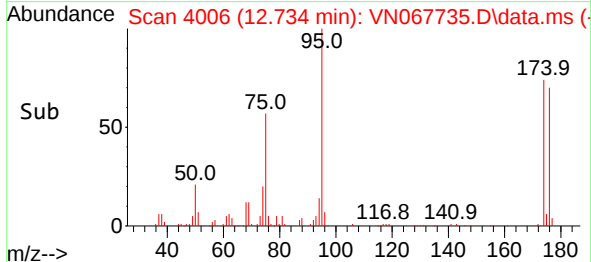
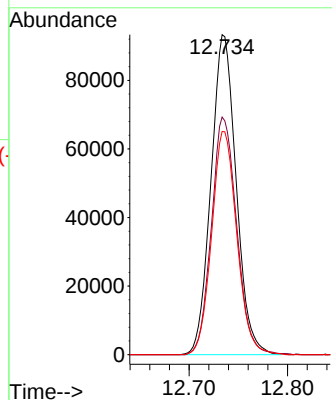
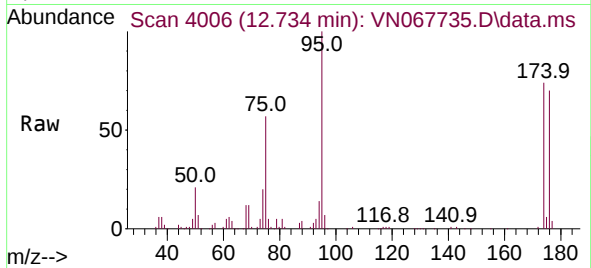




#60
4-Bromofluorobenzene
Concen: 25.908 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL02

Tgt Ion: 95 Resp: 166049
Ion Ratio Lower Upper
95 100
174 74.5 57.1 85.7
176 69.8 54.6 81.8



#63
Toluene-d8
Concen: 31.290 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067735.D
Acq: 14 Jul 2021 11:17

Tgt Ion: 98 Resp: 567964
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

