Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069615.D
Acq On : 22 Nov 2021 17:28
Operator : JC/MD
Sample : M4806-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 23 03:53:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	155225	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	865533	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	735940	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	437306	32.484	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.267%			
60) 4-Bromofluorobenzene	12.733	95	279854	23.763	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 79.200%			
63) Toluene-d8	10.443	98	1058050	31.137	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.800%			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	3197	0.267	ug/l	96
13) Acrolein	4.030	56	507	0.825	ug/l	95
25) Chloroform	7.820	83	1048885	56.601	ug/l	98
41) Bromodichloromethane	9.762	83	62504	4.673	ug/l	92
45) 1,4-Dioxane	9.156	88	85	0.379	ug/l #	1
53) Dibromochloromethane	11.242	129	2121	0.219	ug/l #	23
77) t-1,4-Dichloro-2-butene	12.733	75	155495	41.162	ug/l #	8

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

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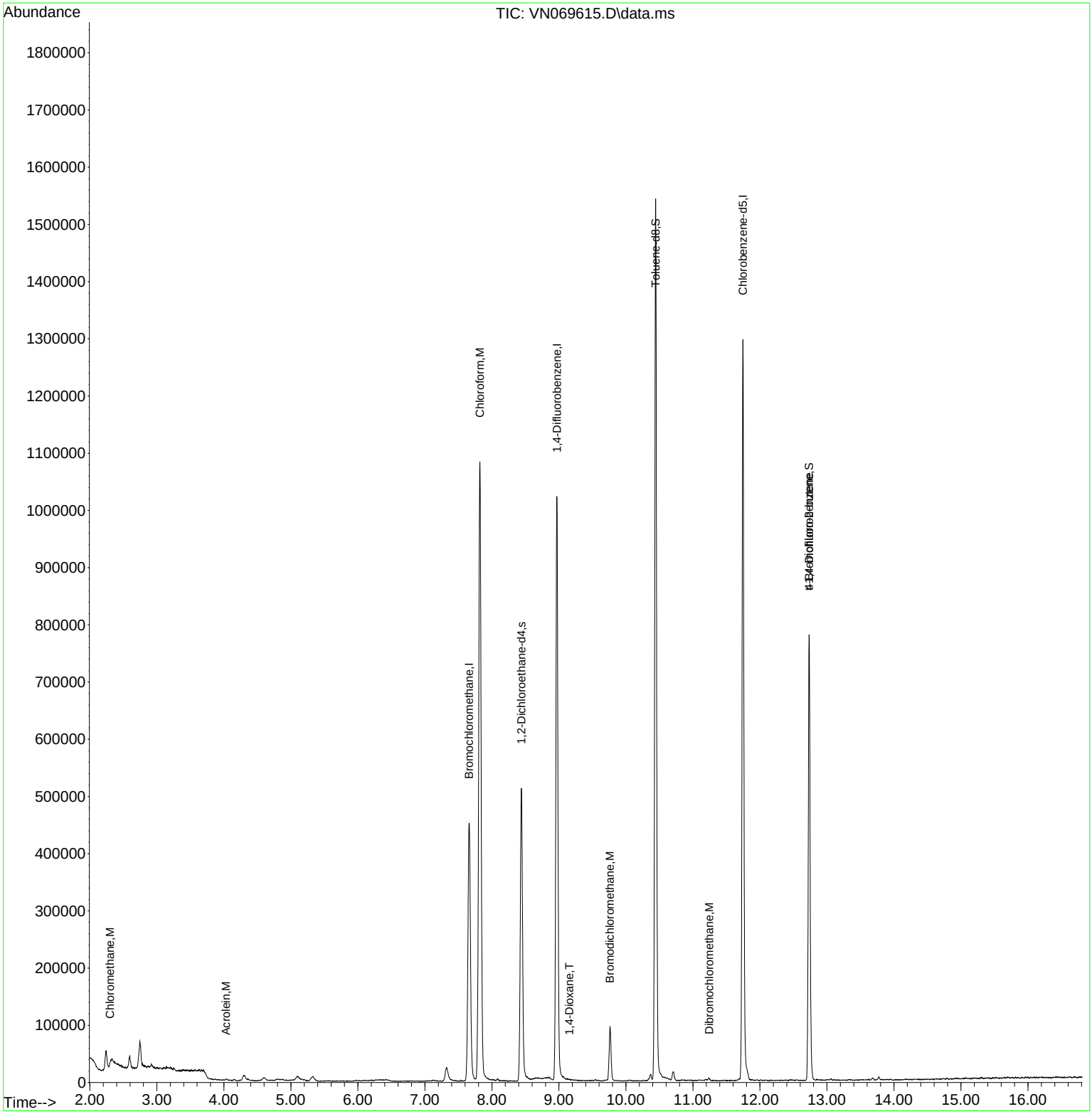
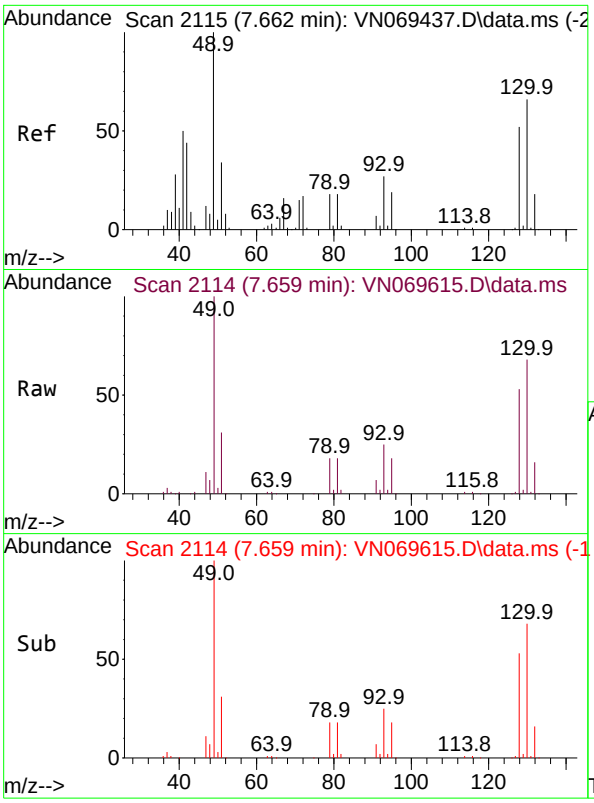


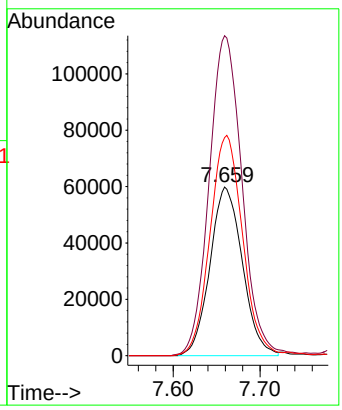


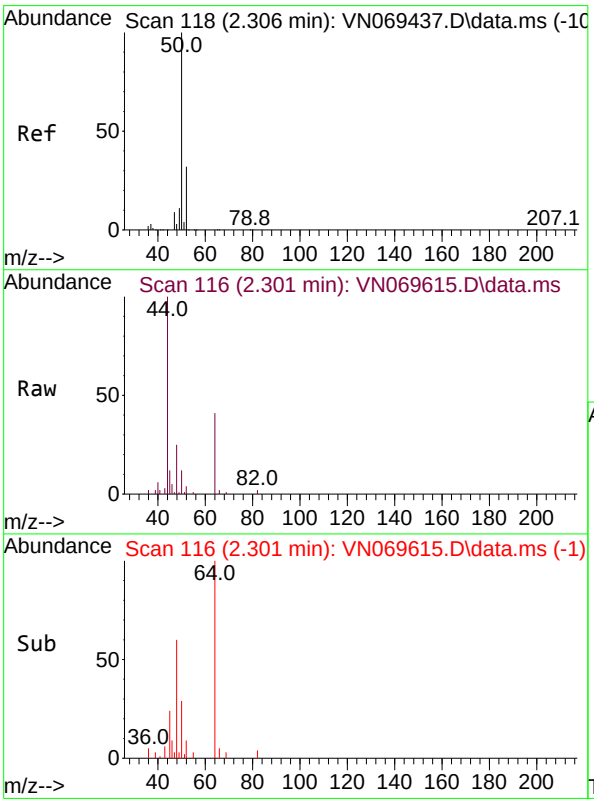
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 155225

Ion	Ratio	Lower	Upper
128	100		
49	191.8	0.0	392.3
130	131.1	0.0	320.2

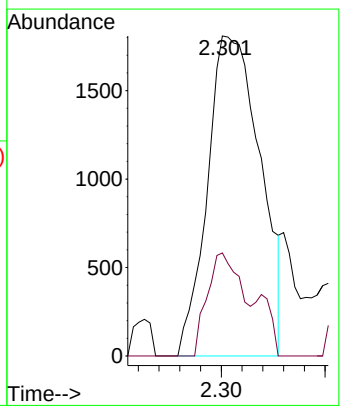


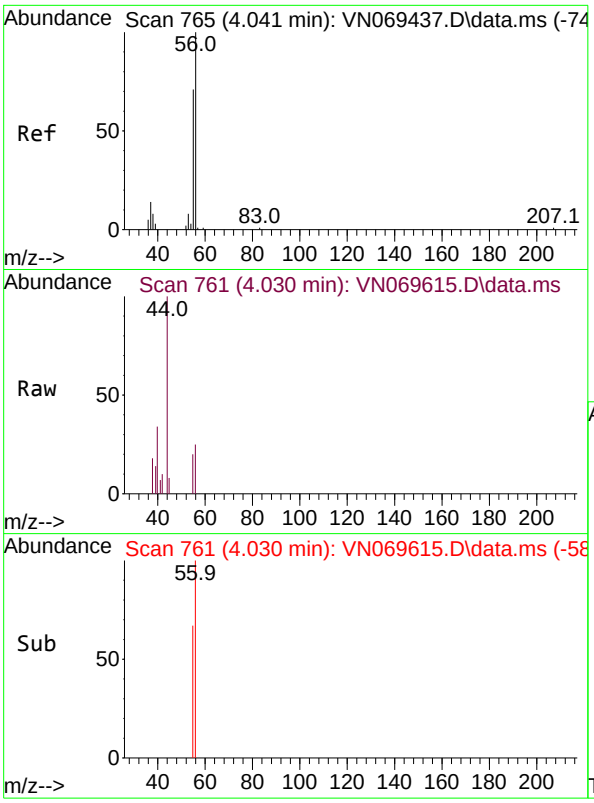


#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 50 Resp: 3197

Ion	Ratio	Lower	Upper
50	100		
52	32.2	27.8	41.6



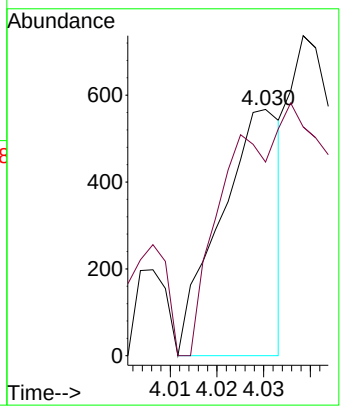


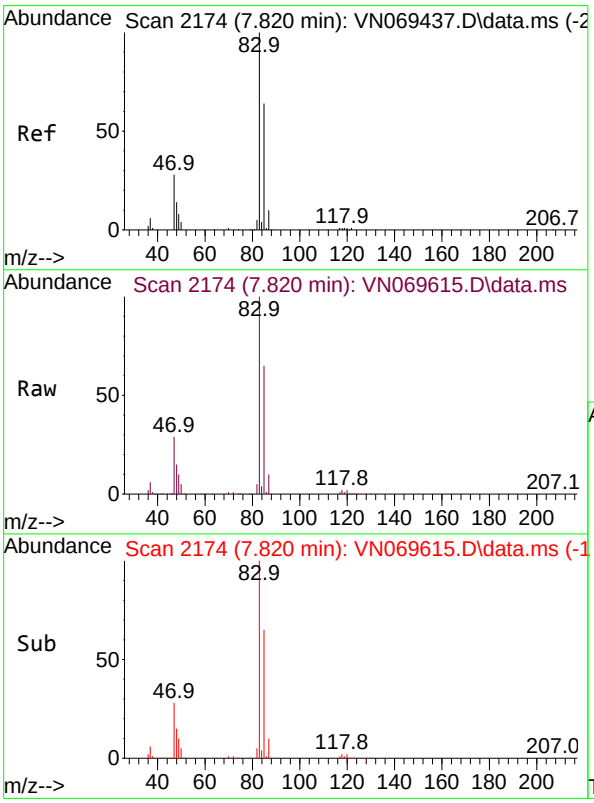
#13
Acrolein
Concen: 0.825 ug/l
RT: 4.030 min Scan# 7
Delta R.T. -0.016 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 507

Ion	Ratio	Lower	Upper
56	100		
55	76.3	57.6	86.4

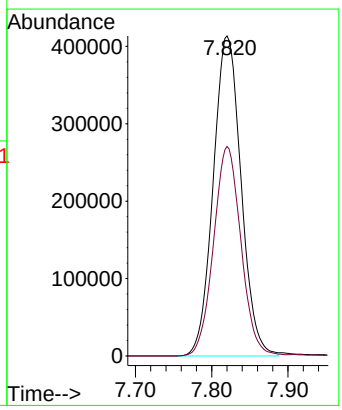


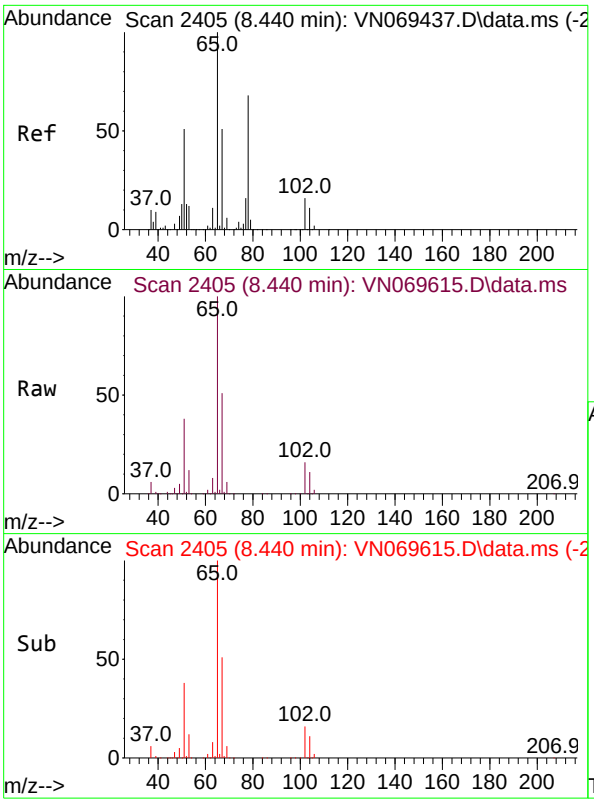


#25
Chloroform
Concen: 56.601 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 83 Resp: 1048885

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.3	76.9



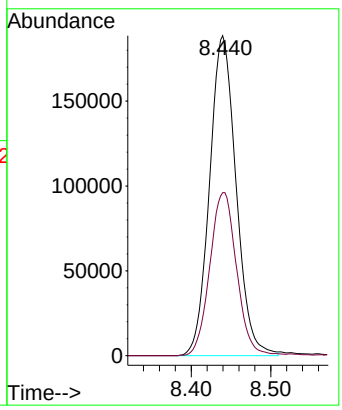


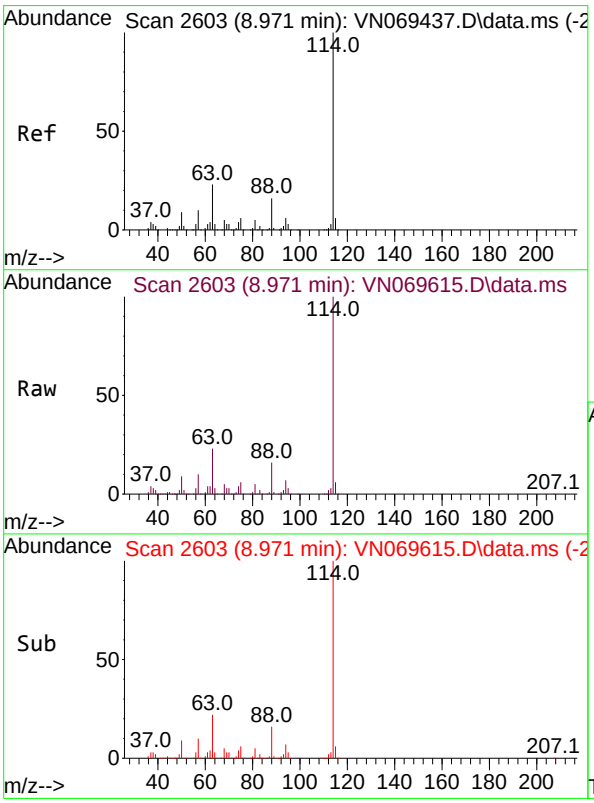
#27
1,2-Dichloroethane-d4
Concen: 32.484 ug/l
RT: 8.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 437306

Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.2	60.2

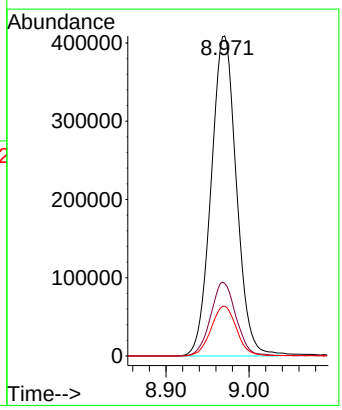


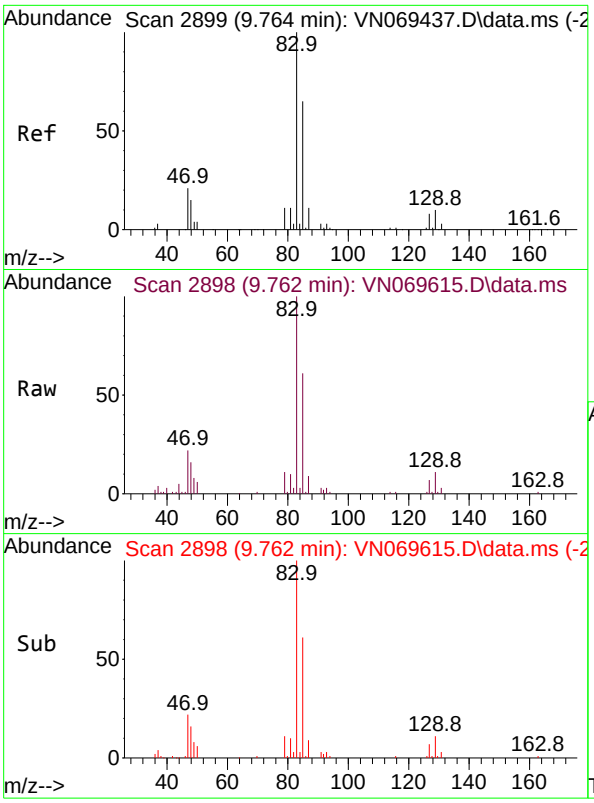


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion:114 Resp: 865533

Ion	Ratio	Lower	Upper
114	100		
63	23.2	15.8	23.6
88	15.6	11.6	17.4



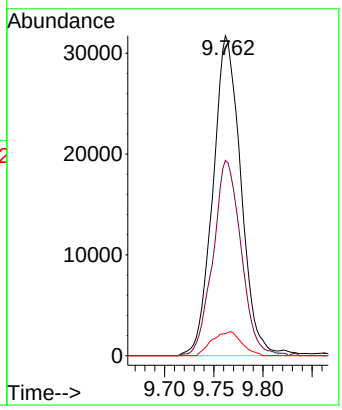


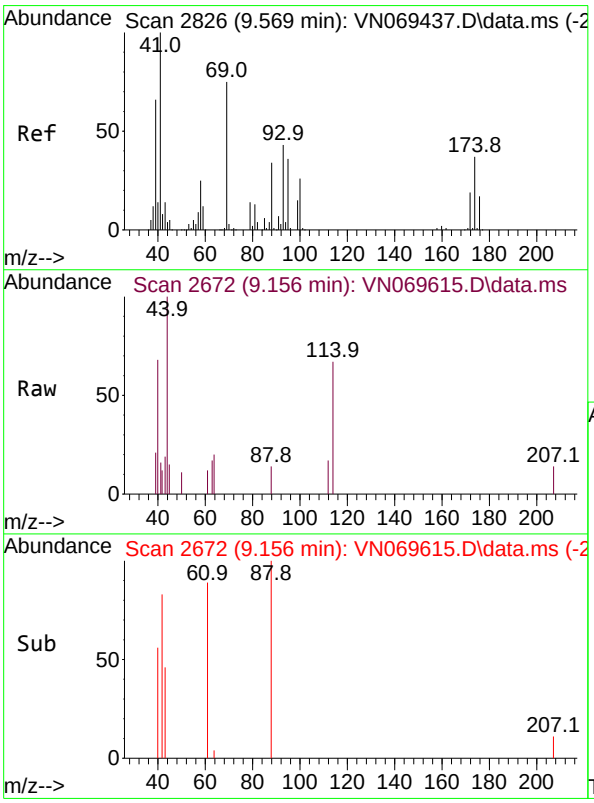
#41
Bromodichloromethane
Concen: 4.673 ug/l
RT: 9.762 min Scan# 2
Delta R.T. -0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 62504

Ion	Ratio	Lower	Upper
83	100		
85	61.0	54.1	81.1
127	7.6	7.6	11.4

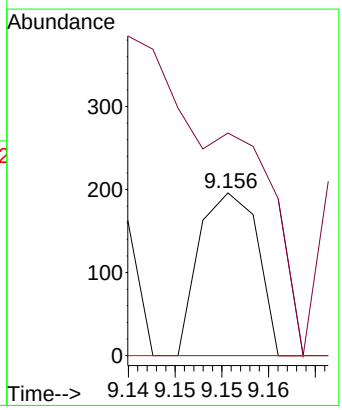


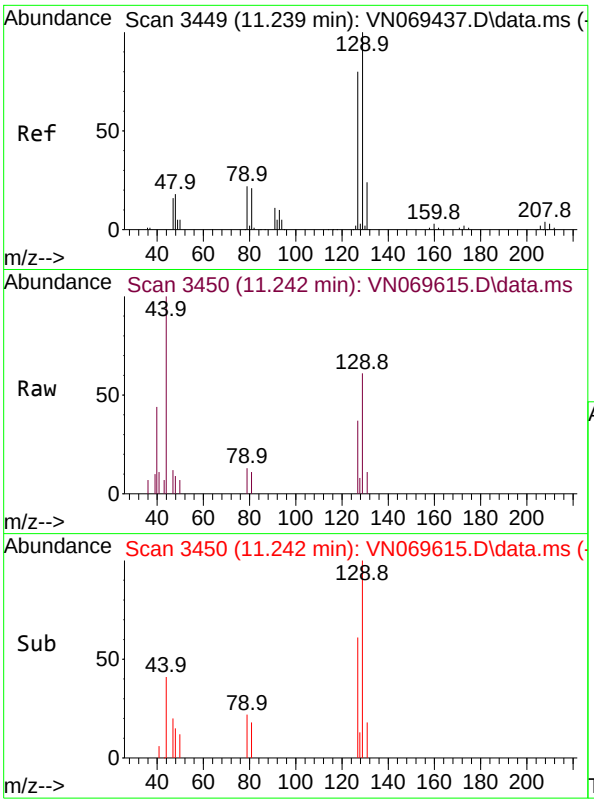


#45
1,4-Dioxane
Concen: 0.379 ug/l
RT: 9.156 min Scan# 2672
Delta R.T. -0.413 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 88 Resp: 85

Ion	Ratio	Lower	Upper
88	100		
43	158.8	25.0	37.6#
58	0.0	49.4	74.2#



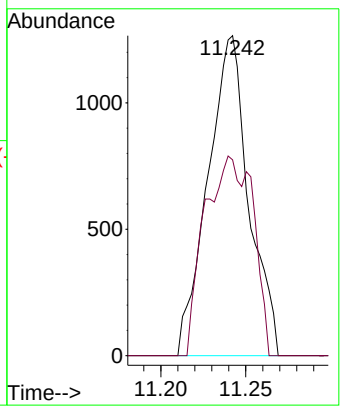


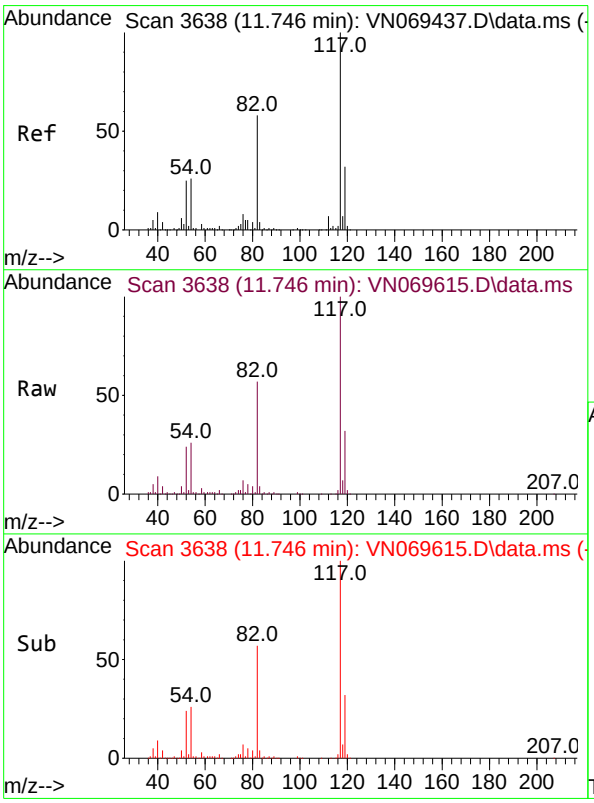
#53
Dibromochloromethane
Concen: 0.219 ug/l
RT: 11.242 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:129 Resp: 2121

Ion	Ratio	Lower	Upper
129	100		
127	11.4	39.0	117.0#

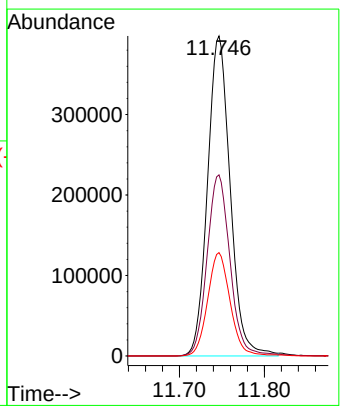


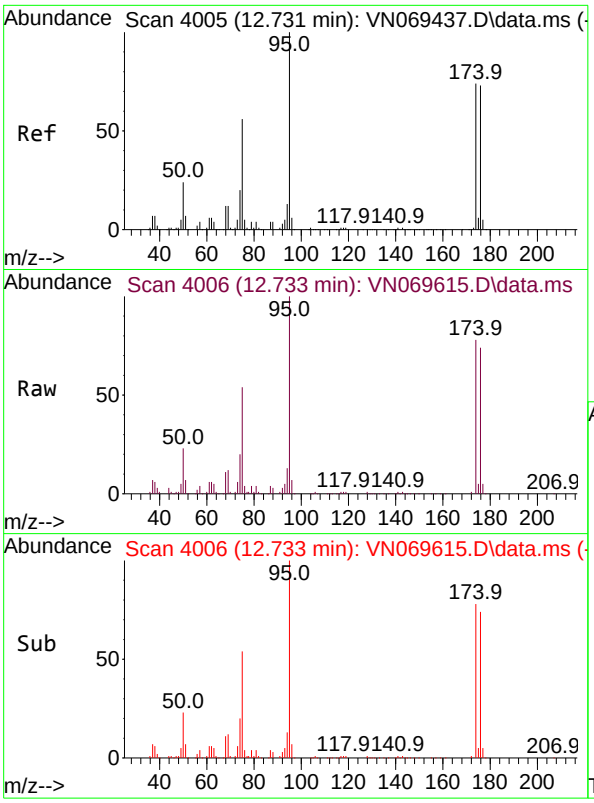


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion:117 Resp: 735940

Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.6	65.4
119	32.0	25.8	38.6



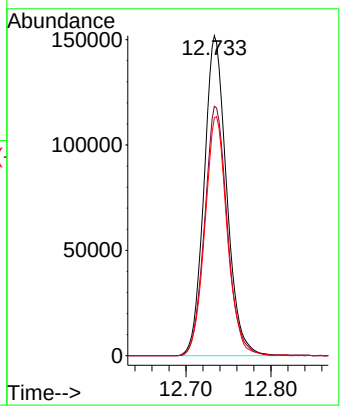


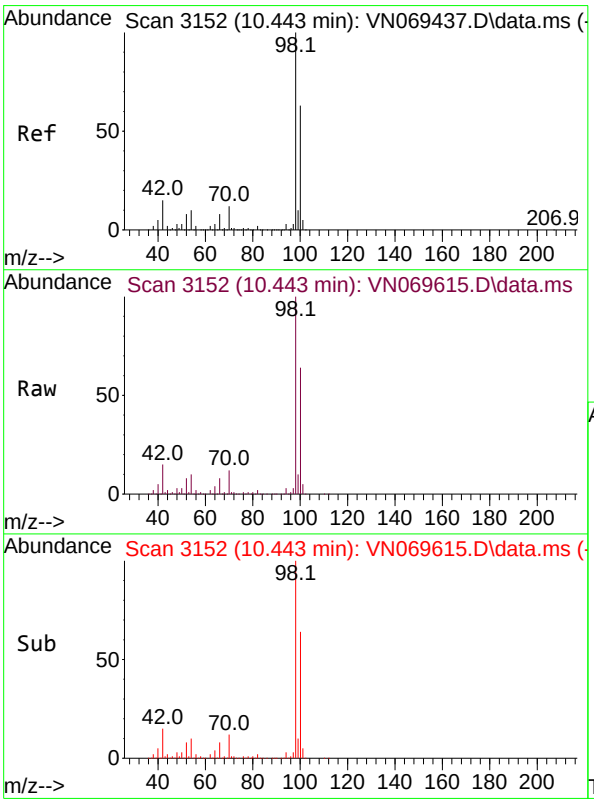
#60
4-Bromofluorobenzene
Concen: 23.763 ug/l
RT: 12.733 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 279854

Ion	Ratio	Lower	Upper
95	100		
174	78.5	62.9	94.3
176	74.4	61.0	91.4

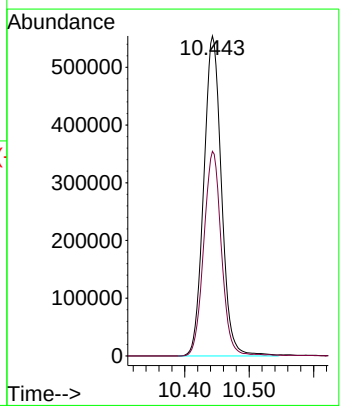


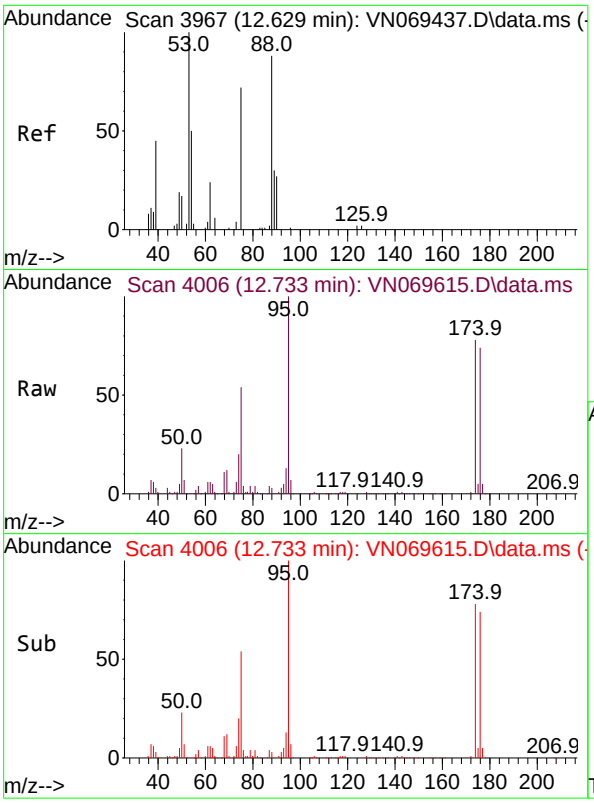


#63
Toluene-d8
Concen: 31.137 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Tgt Ion: 98 Resp: 1058050

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	76.0





#77
t-1,4-Dichloro-2-butene
Concen: 41.162 ug/l
RT: 12.733 min Scan# 4
Delta R.T. 0.105 min
Lab File: VN069615.D
Acq: 22 Nov 2021 17:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 155495

Ion	Ratio	Lower	Upper
75	100		
53	0.0	51.8	155.5#
89	0.0	22.9	68.7#