Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
Data File : VN068802.D
Acq On : 5 Oct 2021 14:23
Operator : JC/MD
Sample : M4054-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TT-TB-20211001

Quant Time: Oct 05 15:53:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 29 08:56:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.659	128	60767	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	338252	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	296497	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	153427	32.756	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.200%			
60) 4-Bromofluorobenzene	12.733	95	104992	22.667	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 75.567%			
63) Toluene-d8	10.443	98	415145	30.977	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.267%			
Target Compounds						Qvalue
3) Chloromethane	2.309	50	807	0.234	ug/l #	81
13) Acrolein	4.057	56	109	0.502	ug/l #	14
23) tert-Butyl Alcohol	5.369	59	276	0.448	ug/l #	100
59) 2-Hexanone	11.095	43	1266	0.347	ug/l #	53
77) t-1,4-Dichloro-2-butene	12.733	75	63306	35.312	ug/l #	8

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

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TT-TB-20211001

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 29 08:56:32 2021
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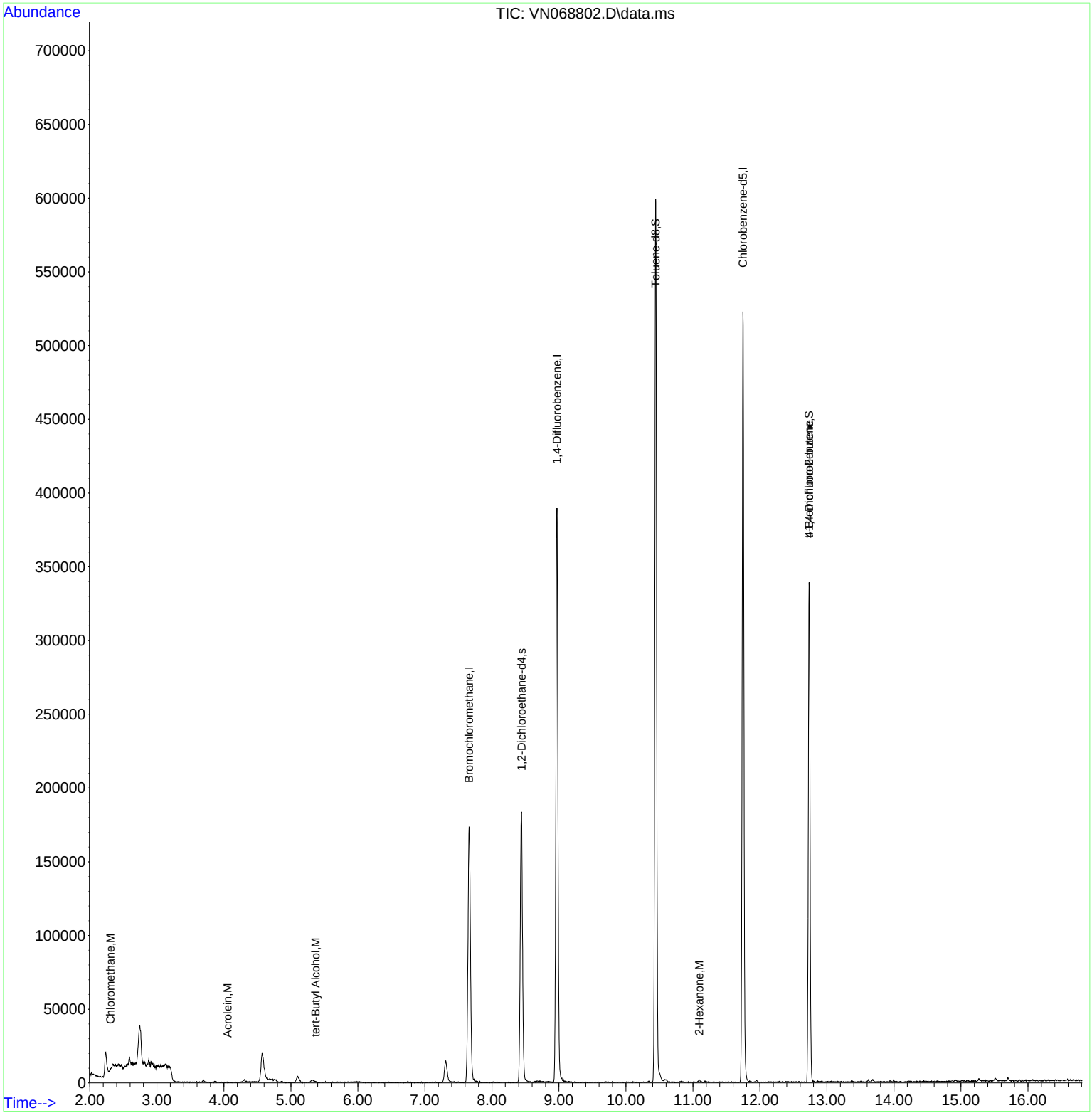
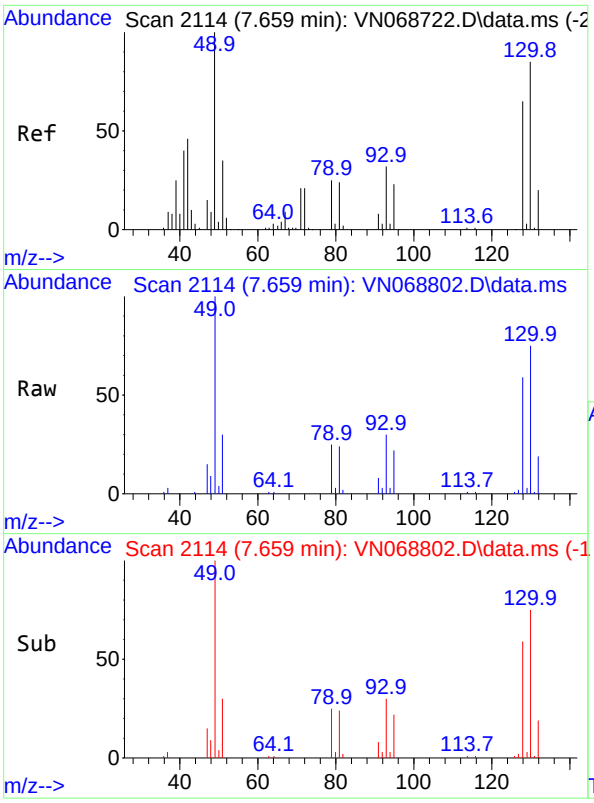
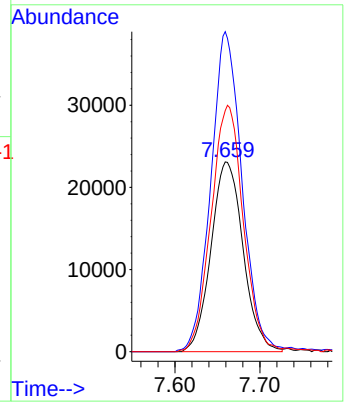




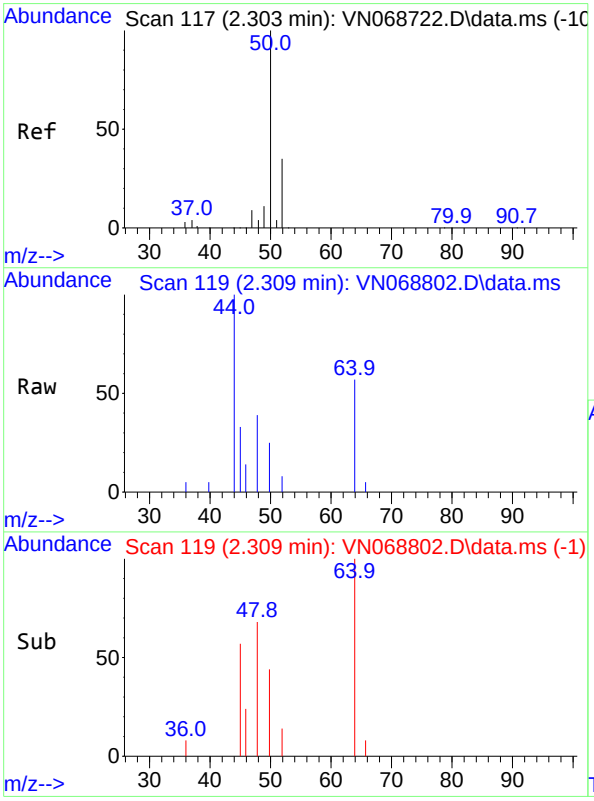
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion:128 Resp: 60767

Ion	Ratio	Lower	Upper
128	100		
49	162.9	0.0	392.3
130	129.7	0.0	320.2



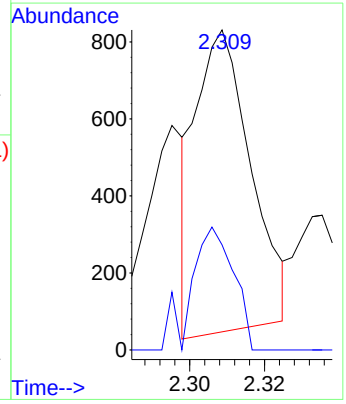
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20211001



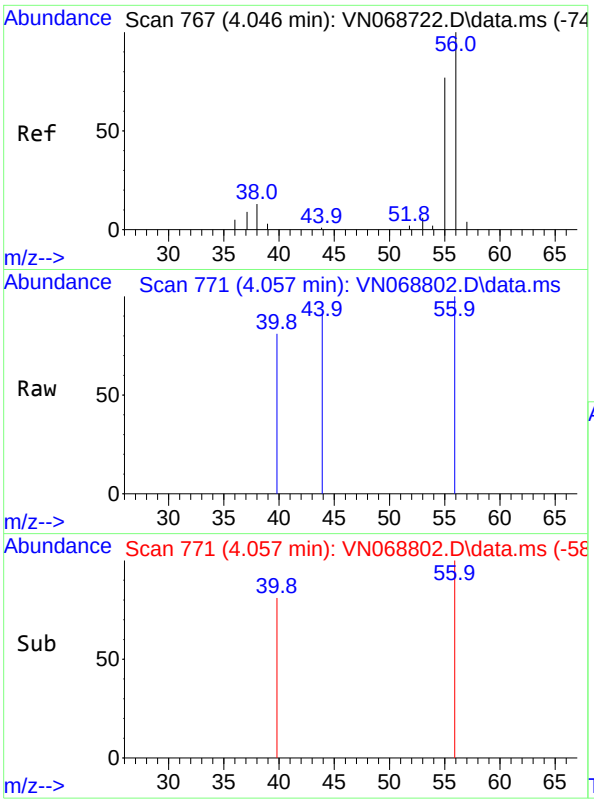
#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 50 Resp: 807

Ion	Ratio	Lower	Upper
50	100		
52	45.4	27.8	41.6#



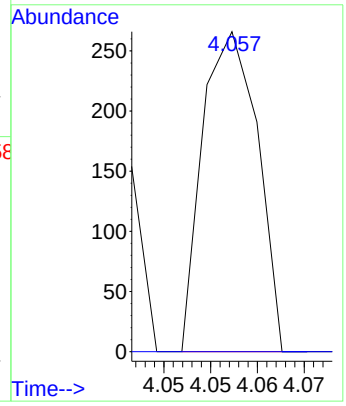
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20211001

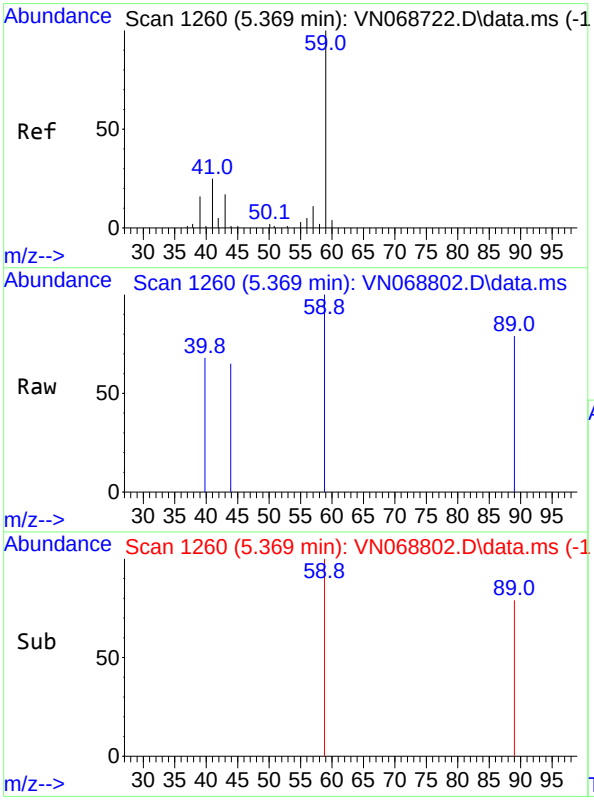


#13
Acrolein
Concen: 0.502 ug/l
RT: 4.057 min Scan# 771
Delta R.T. 0.011 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#

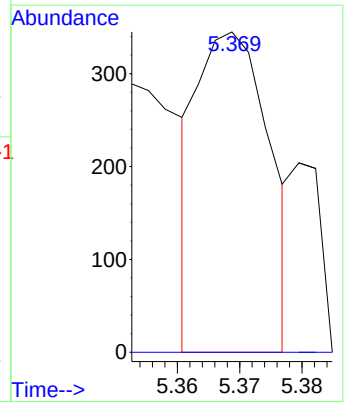




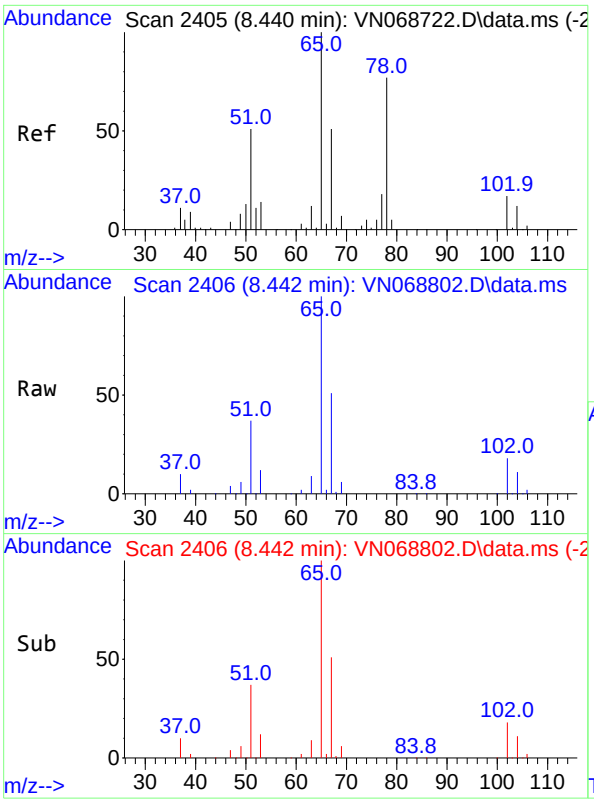
#23
tert-Butyl Alcohol
Concen: 0.448 ug/l
RT: 5.369 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 59 Resp: 276

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



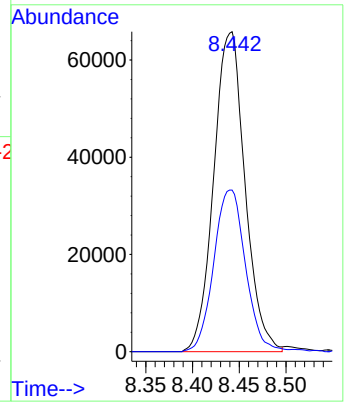
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20211001

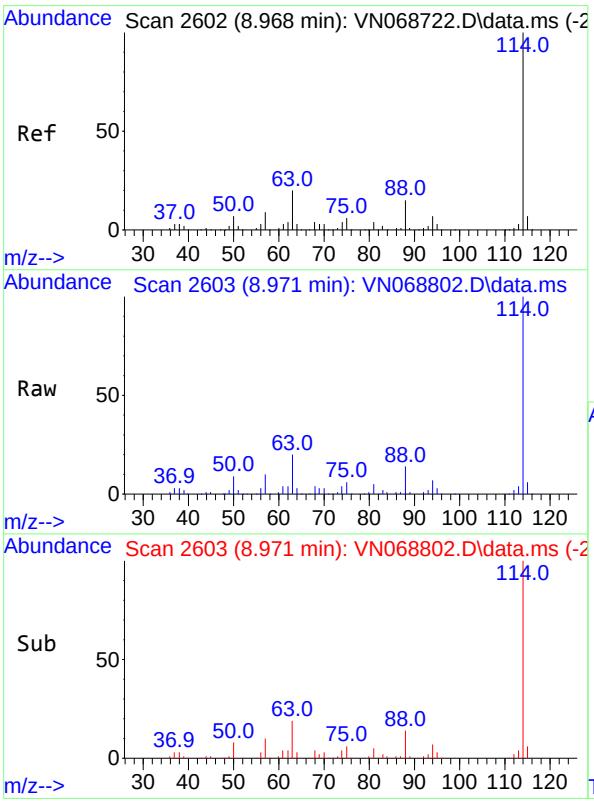


#27
1,2-Dichloroethane-d4
Concen: 32.756 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 65 Resp: 153427

Ion	Ratio	Lower	Upper
65	100		
67	51.3	40.2	60.2

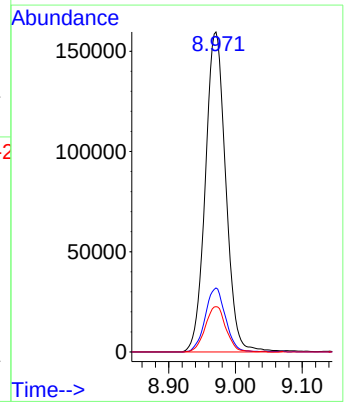




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion:114 Resp: 338252

Ion	Ratio	Lower	Upper
114	100		
63	20.0	15.8	23.6
88	14.4	11.6	17.4



Instrument :
MSVOA_N
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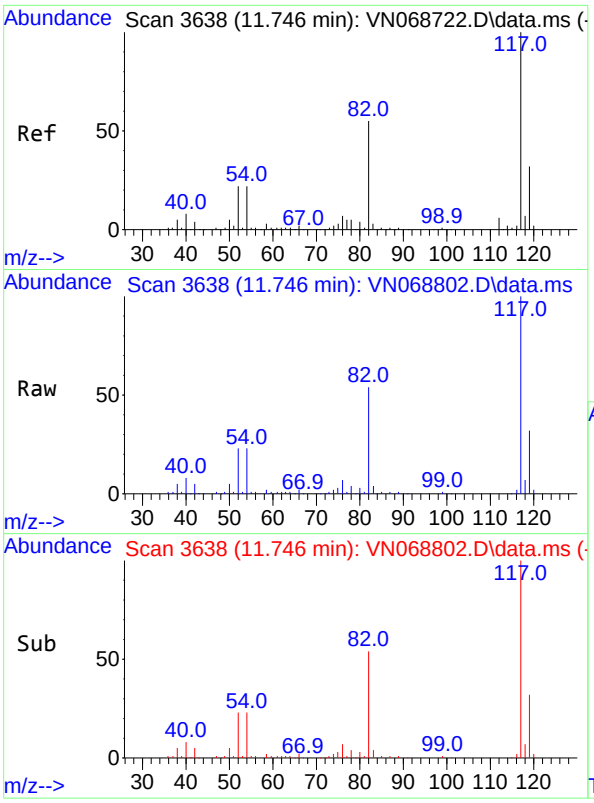
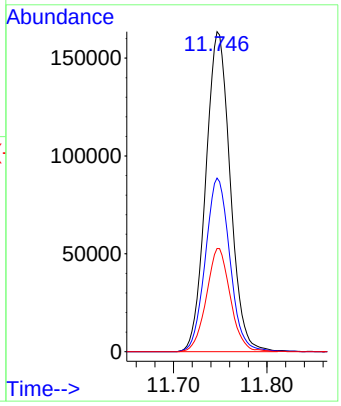
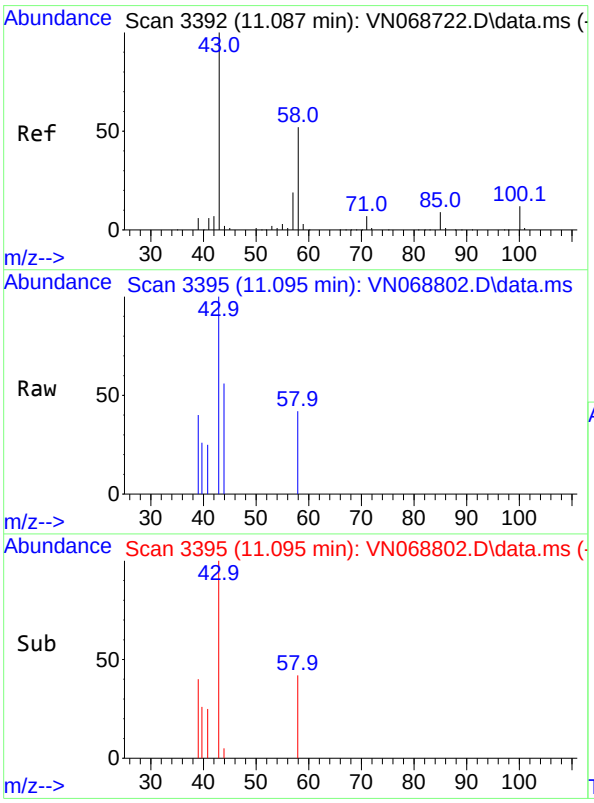


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion:117 Resp: 296497

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.6	65.4
119	31.5	25.8	38.6

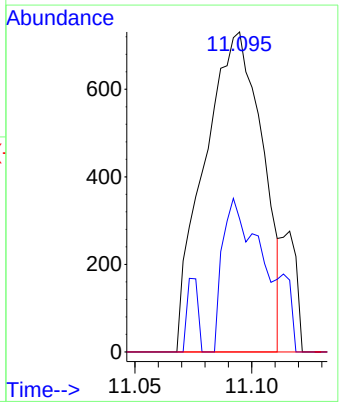


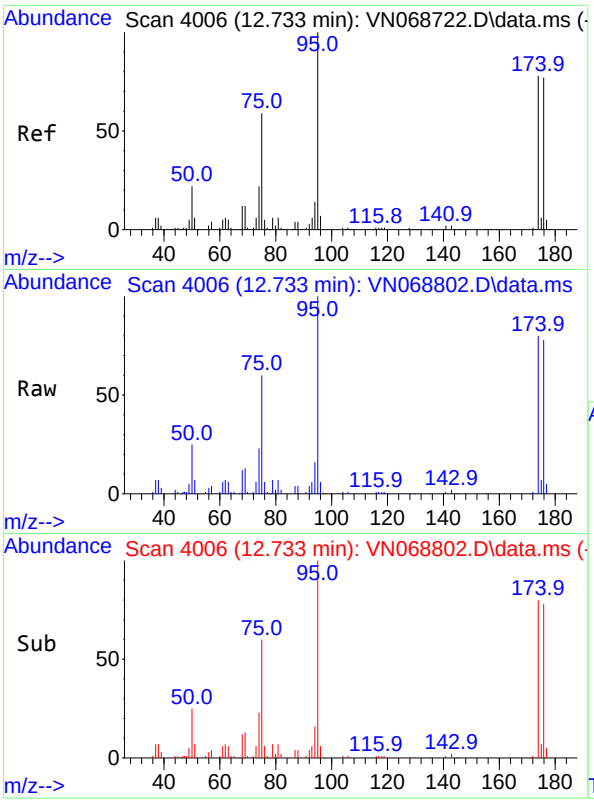


#59
2-Hexanone
Concen: 0.347 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 43 Resp: 1266

Ion	Ratio	Lower	Upper
43	100		
58	18.2	42.2	63.2#
57	0.0	15.0	22.4#

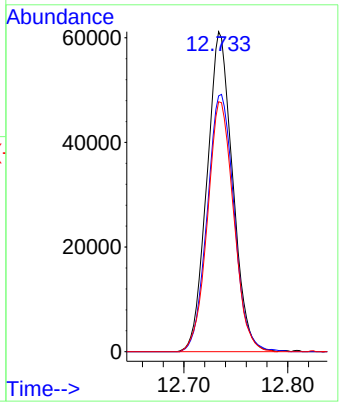




#60
4-Bromofluorobenzene
Concen: 22.667 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 95 Resp: 104992

Ion	Ratio	Lower	Upper
95	100		
174	84.0	62.9	94.3
176	79.6	61.0	91.4



Instrument :
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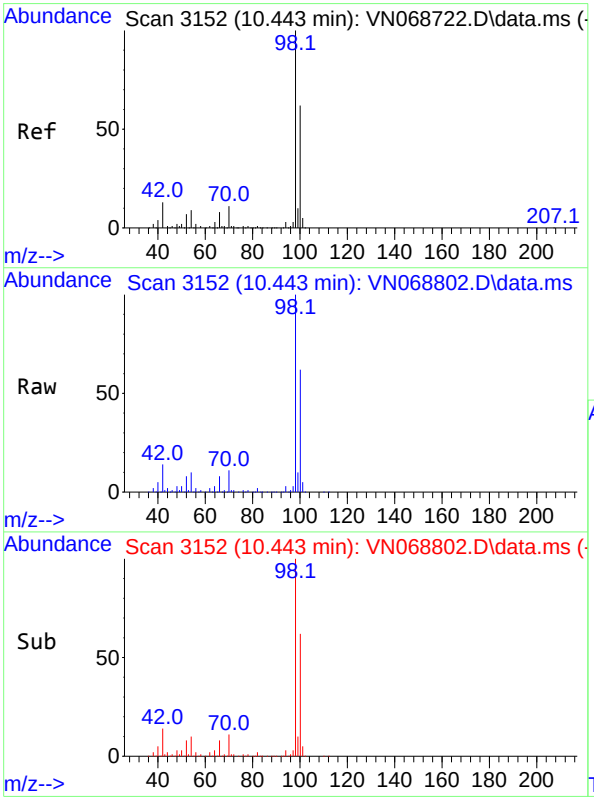
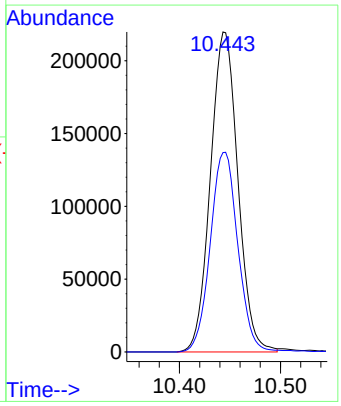
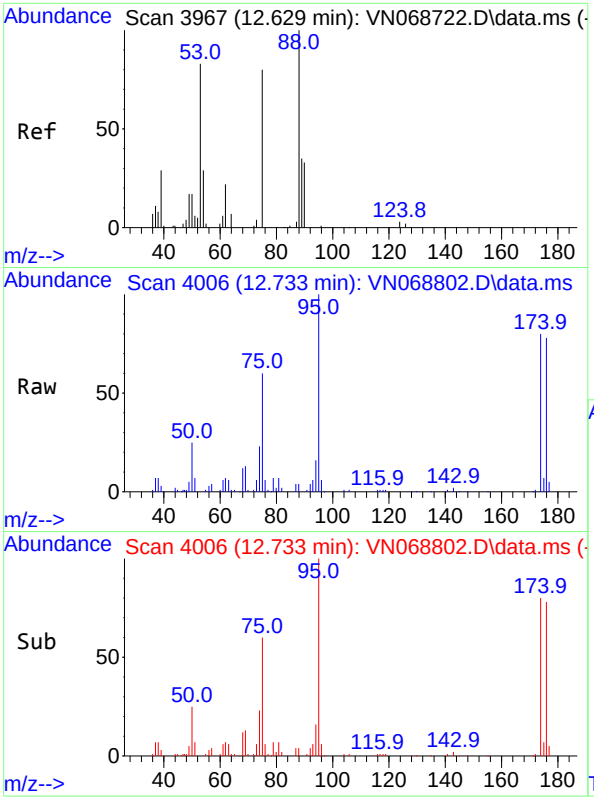


#63
Toluene-d8
Concen: 30.977 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 98 Resp: 415145

Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.6	76.0

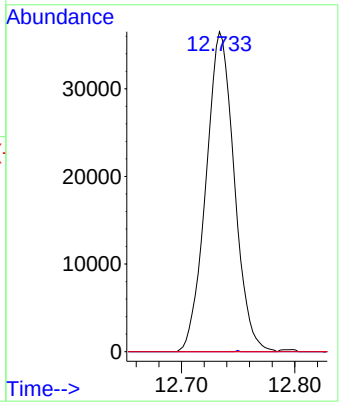




#77
t-1,4-Dichloro-2-butene
Concen: 35.312 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068802.D
Acq: 5 Oct 2021 14:23

Tgt Ion: 75 Resp: 63306

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



Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20211001