Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
Data File : VN078617.D
Acq On : 21 Jul 2023 16:36
Operator : JC\MD
Sample : 03664-01ME
Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Quant Time: Jul 21 16:54:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	426246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	736420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	374814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	272201	47.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.280%			
35) Dibromofluoromethane	8.171	113	280492	55.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.240%			
50) Toluene-d8	10.571	98	868616	45.182	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.360%			
62) 4-Bromofluorobenzene	12.853	95	375030	63.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.660%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.512	59	21324m	24.200	ug/l	
16) Acetone	4.453	43	71637	40.246	ug/l	99
52) Toluene	10.635	92	60251	4.466	ug/l	99
68) m/p-Xylenes	12.076	106	13613	1.323	ug/l	93

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

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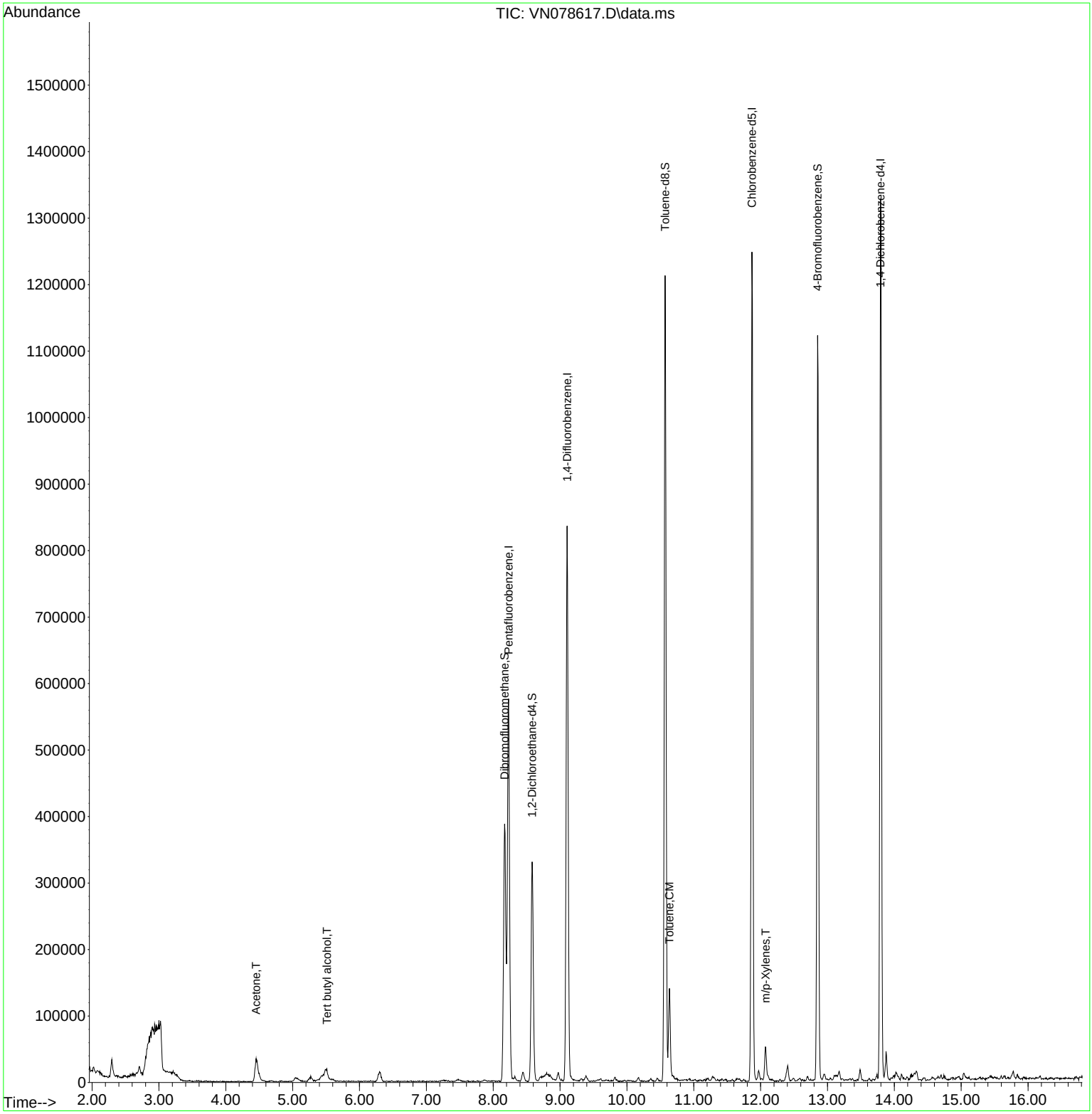
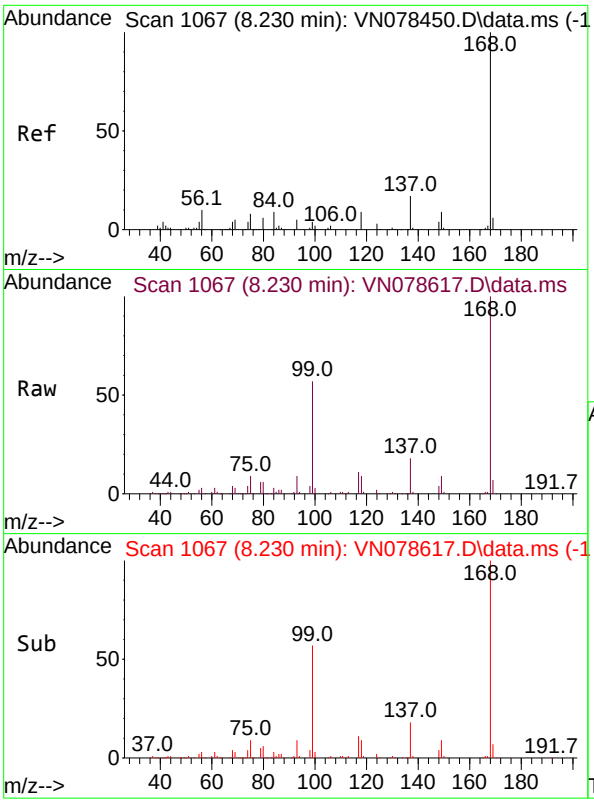


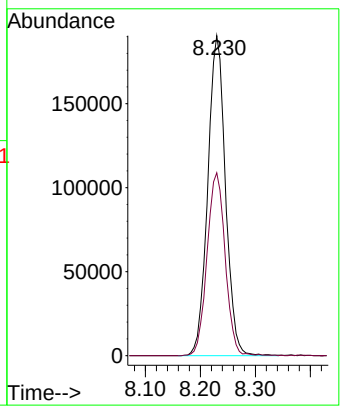


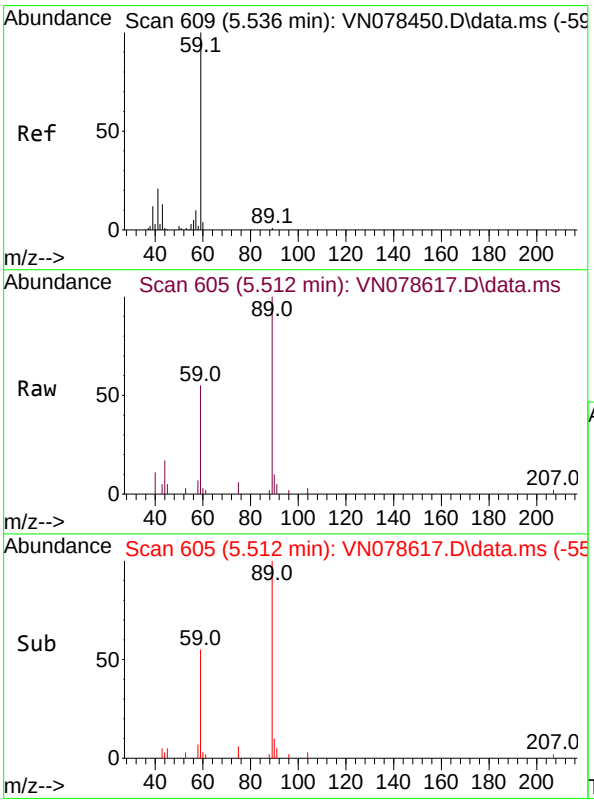
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion:168 Resp: 426246

Ion	Ratio	Lower	Upper
168	100		
99	57.2	53.0	79.6

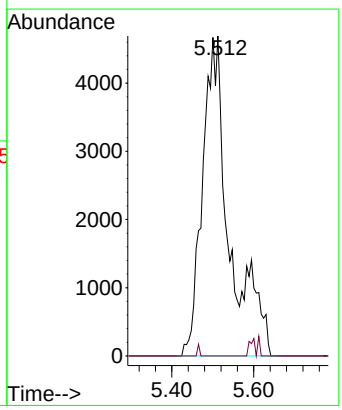


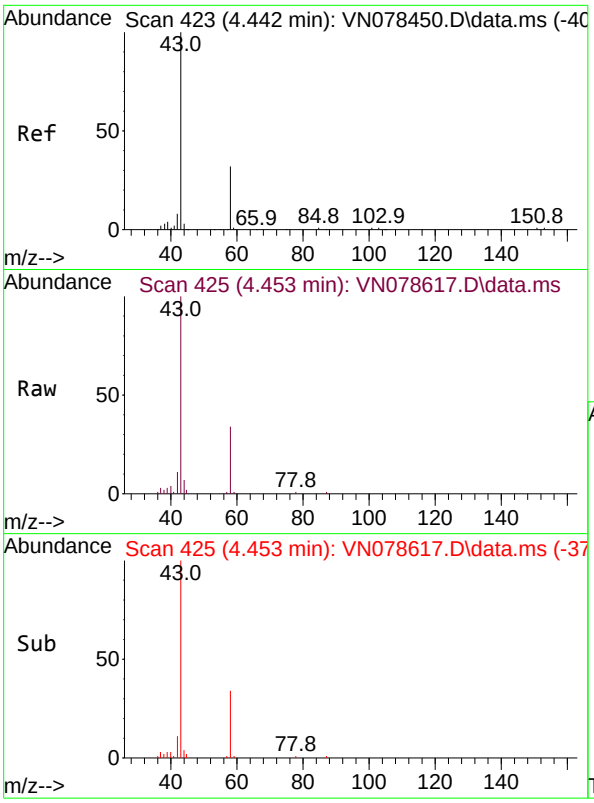


#11
Tert butyl alcohol
Concen: 24.200 ug/l m
RT: 5.512 min Scan# 605
Delta R.T. -0.024 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion: 59 Resp: 21324

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



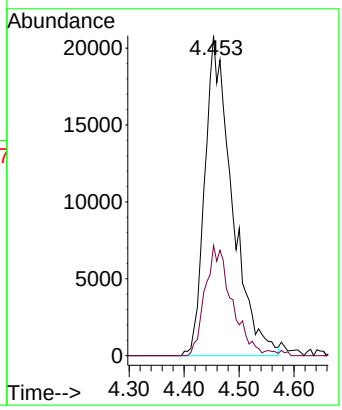


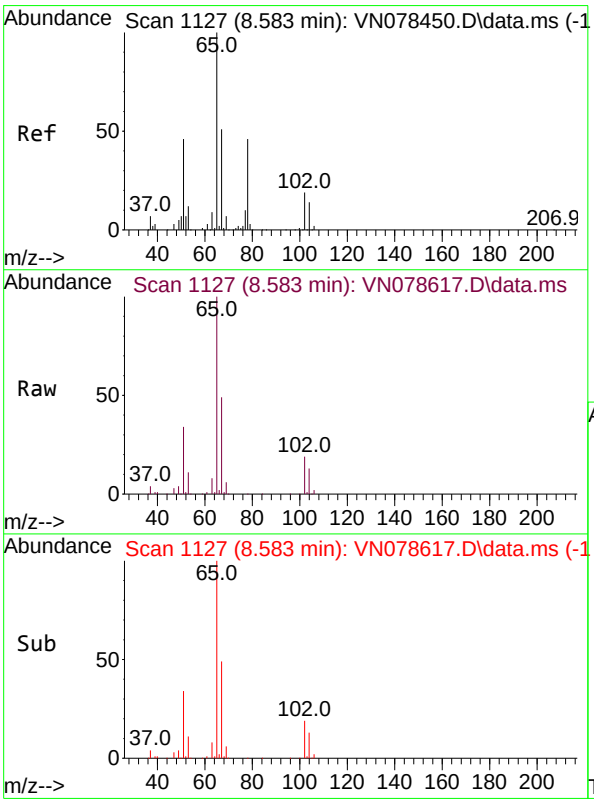
#16
Acetone
Concen: 40.246 ug/l
RT: 4.453 min Scan# 4
Delta R.T. 0.011 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion: 43 Resp: 71637

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.0	42.0

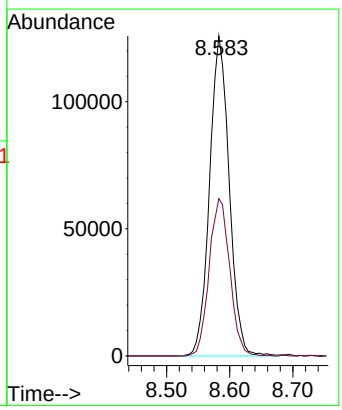


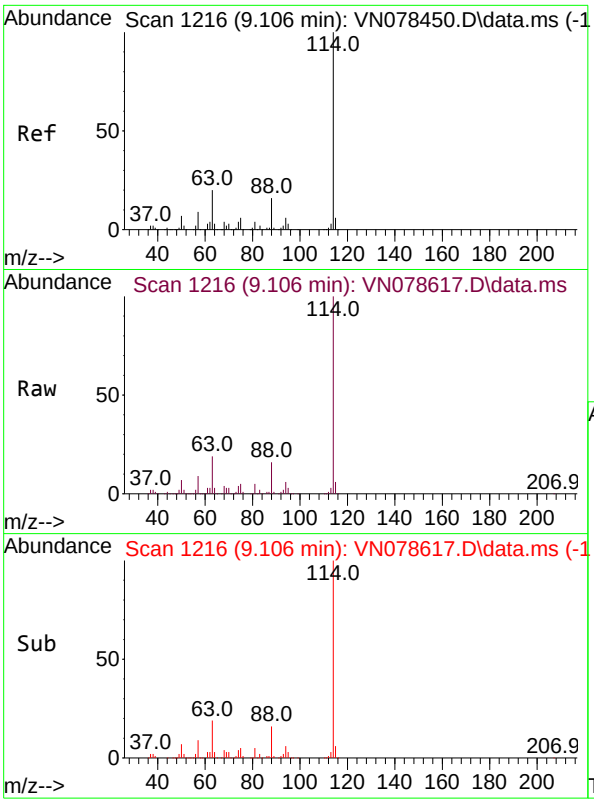


#33
1,2-Dichloroethane-d4
Concen: 47.635 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion: 65 Resp: 272201

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6



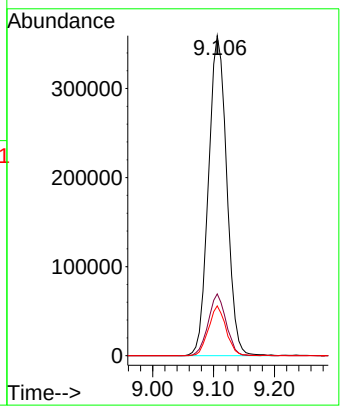


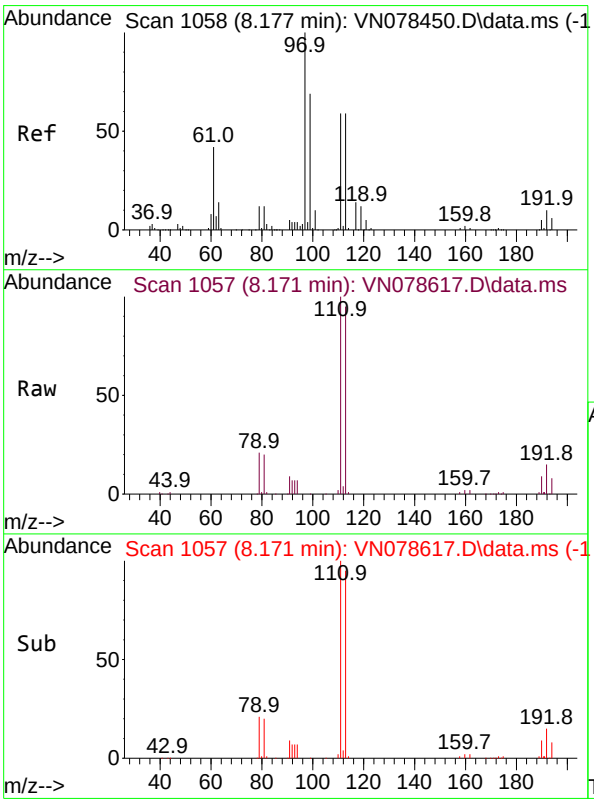
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion:114 Resp: 749674

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	36.4
88	15.5	0.0	30.6

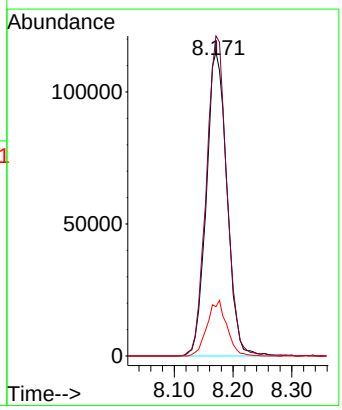


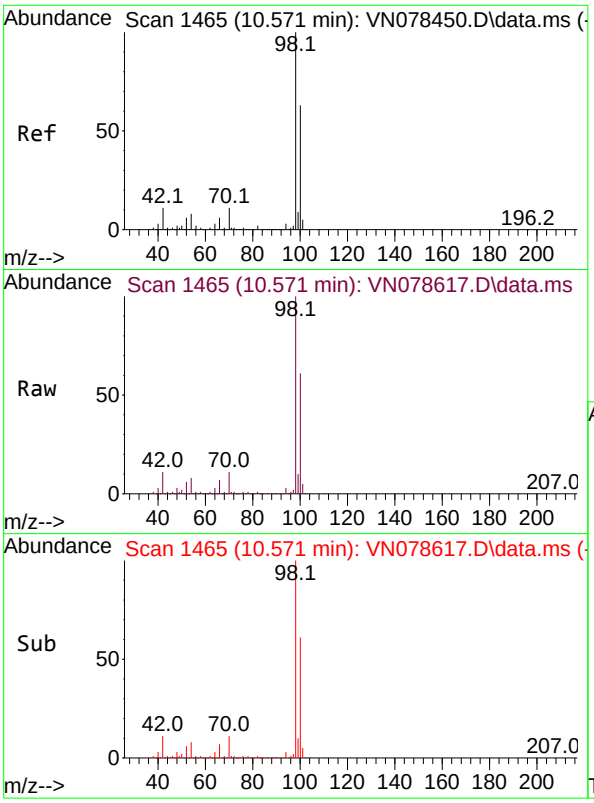


#35
Dibromofluoromethane
Concen: 55.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion:113 Resp: 280492

Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	17.4	12.7	19.1



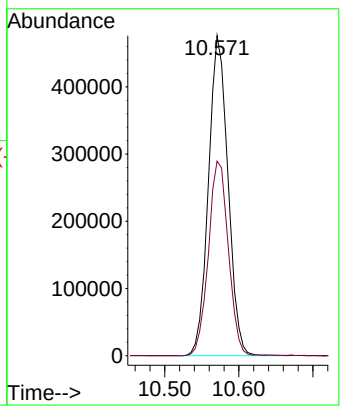


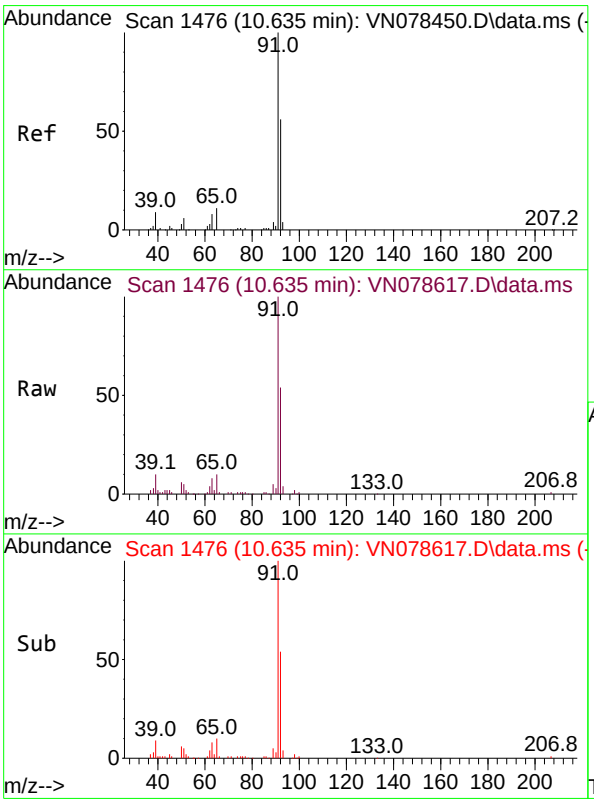
#50
Toluene-d8
Concen: 45.182 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion: 98 Resp: 868616

Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.0	78.0

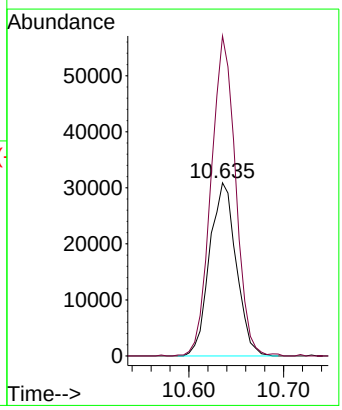


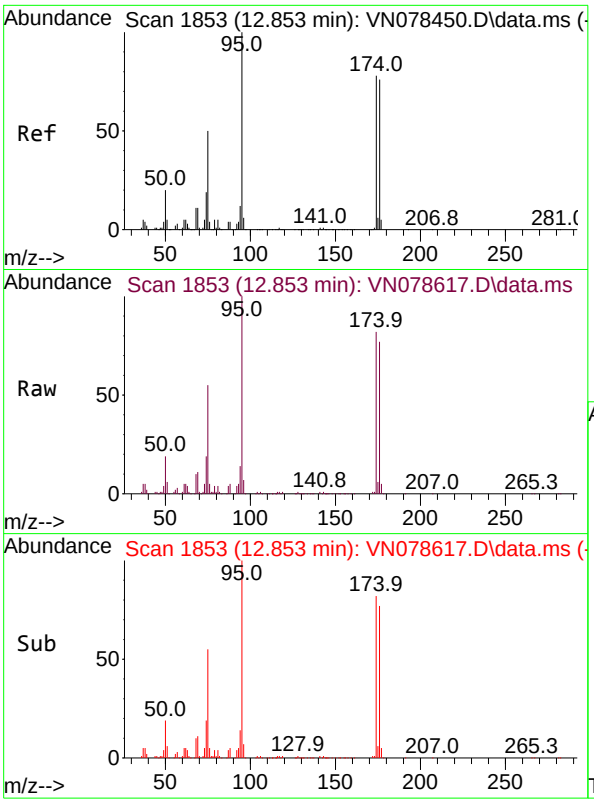


#52
Toluene
Concen: 4.466 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion: 92 Resp: 60251

Ion	Ratio	Lower	Upper
92	100		
91	170.7	137.4	206.0



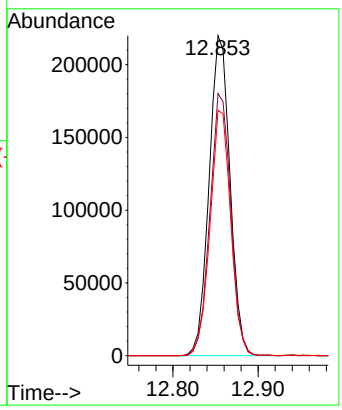


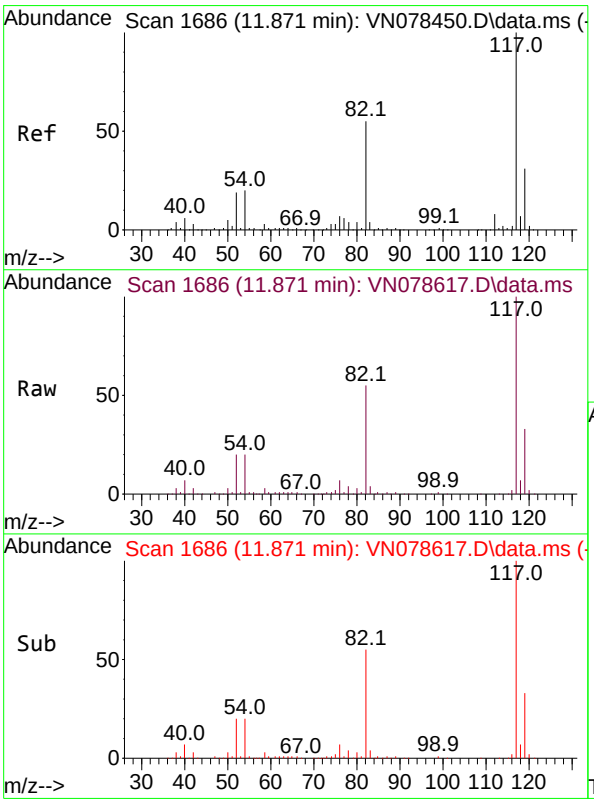
#62
4-Bromofluorobenzene
Concen: 63.332 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion: 95 Resp: 375030

Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	143.8
176	75.9	0.0	135.8

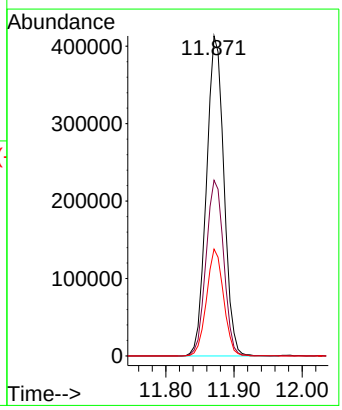


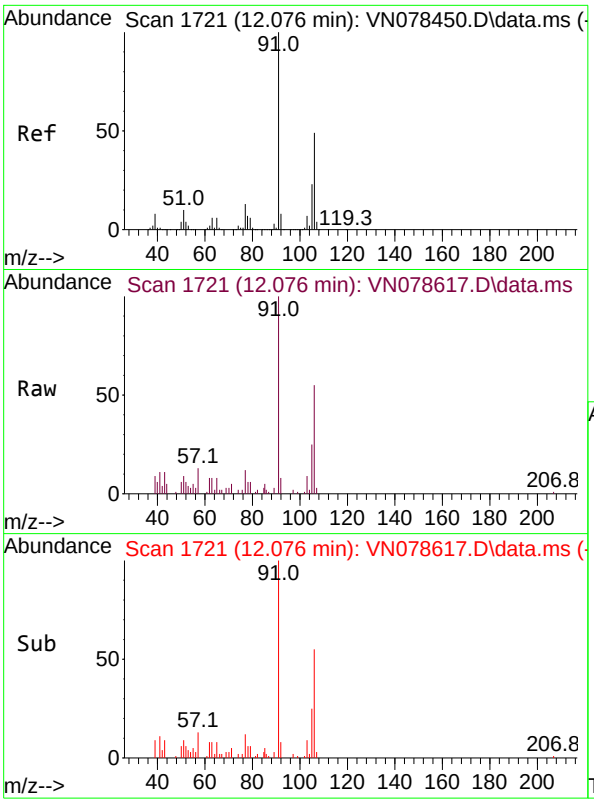


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion:117 Resp: 736420

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.0	66.0
119	33.4	25.6	38.4



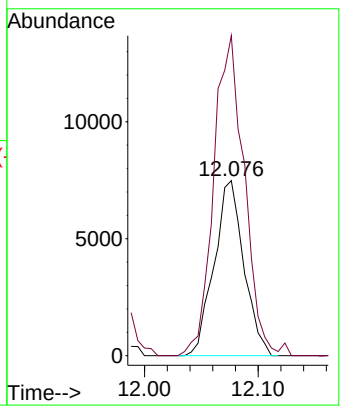


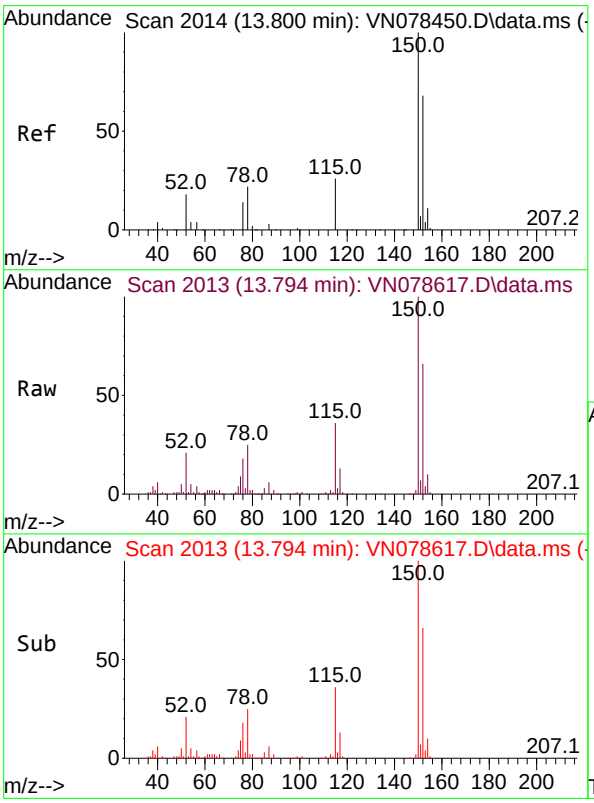
#68
m/p-Xylenes
Concen: 1.323 ug/l
RT: 12.076 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1021-1020-COMPME

Tgt Ion:106 Resp: 13613

Ion	Ratio	Lower	Upper
106	100		
91	189.3	159.6	239.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078617.D
Acq: 21 Jul 2023 16:36

Tgt Ion:152 Resp: 374814

Ion	Ratio	Lower	Upper
152	100		
115	58.6	32.3	96.8
150	152.6	0.0	355.8