Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073019\
Data File : VN056967.D
Acq On : 30 Jul 2019 11:42
Operator : JC/SP
Sample : K4018-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU19-MSW0413

Quant Time: Jul 31 04:14:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072919SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 01:50:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	48911	5.00	ug/l	0.01
4) 1,4-Difluorobenzene	8.58	114	72061	5.00	ug/l	0.01
8) Chlorobenzene-d5	11.40	117	37949	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	5305	5.00	ug/l	0.00
System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	24273	4.00	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery = 80.00%#			
5) Dibromofluoromethane	7.57	113	20350	4.16	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery = 83.20%			
6) Toluene-d8	10.08	98	39071	3.91	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery = 78.20%#			
7) 4-Bromofluorobenzene	12.39	95	7996	3.43	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery = 68.60%#			
Target Compounds						Qvalue
2) Vinyl Chloride	2.16	62	235	0.052	ug/l #	50

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

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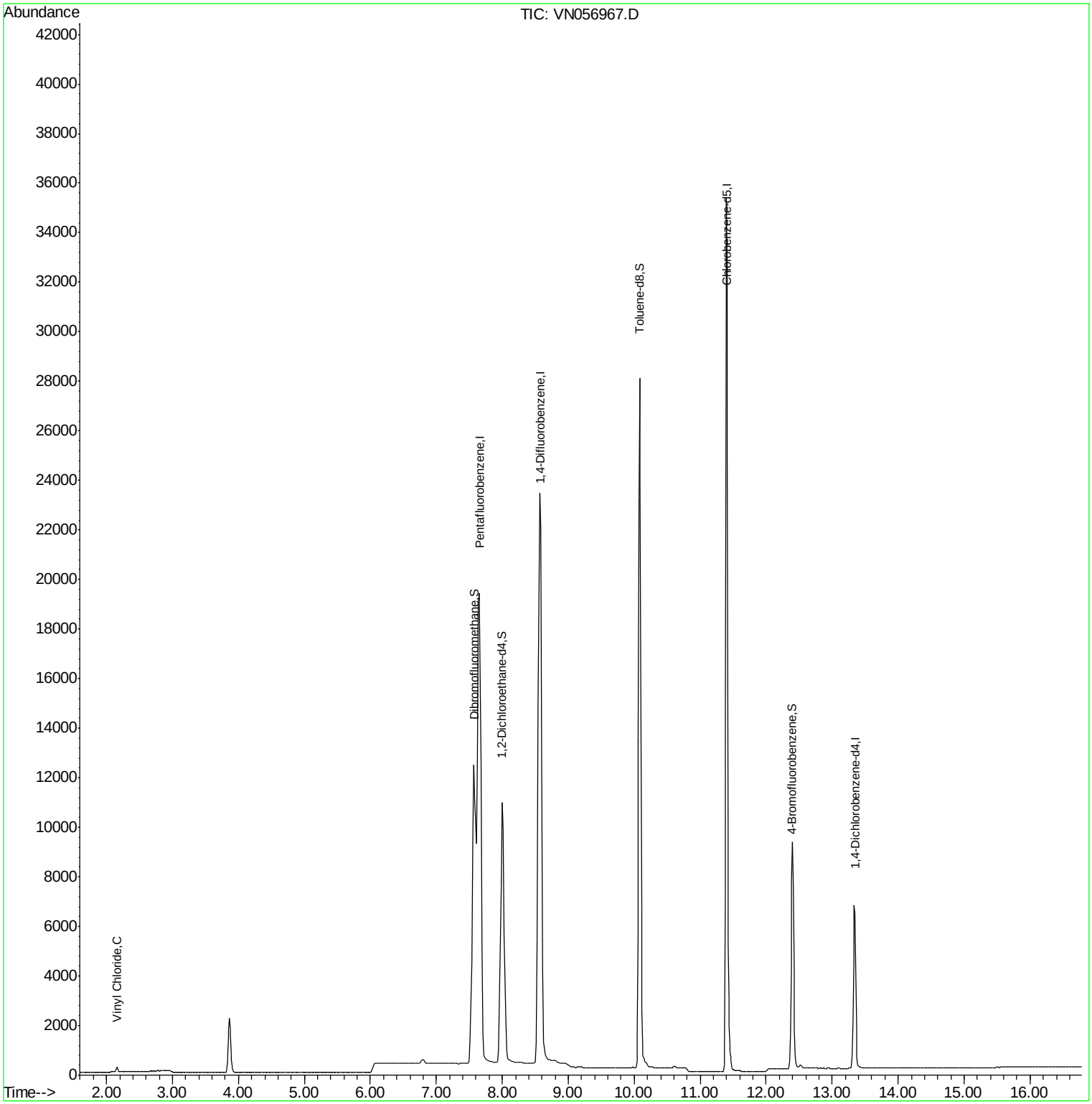
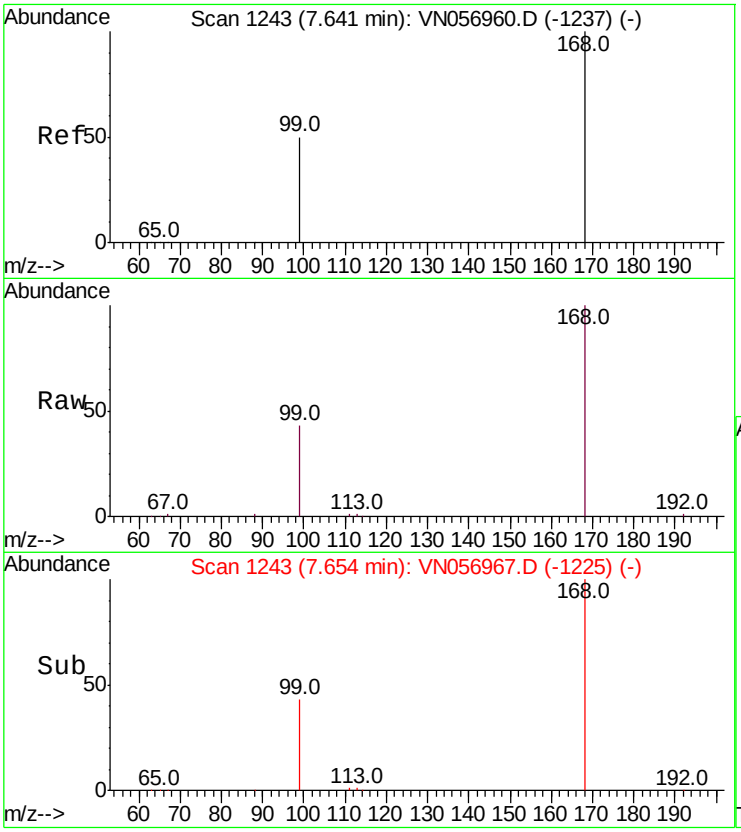


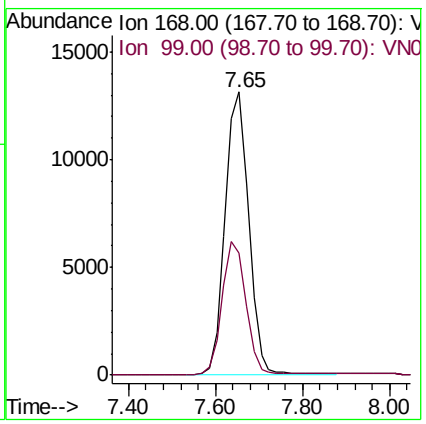


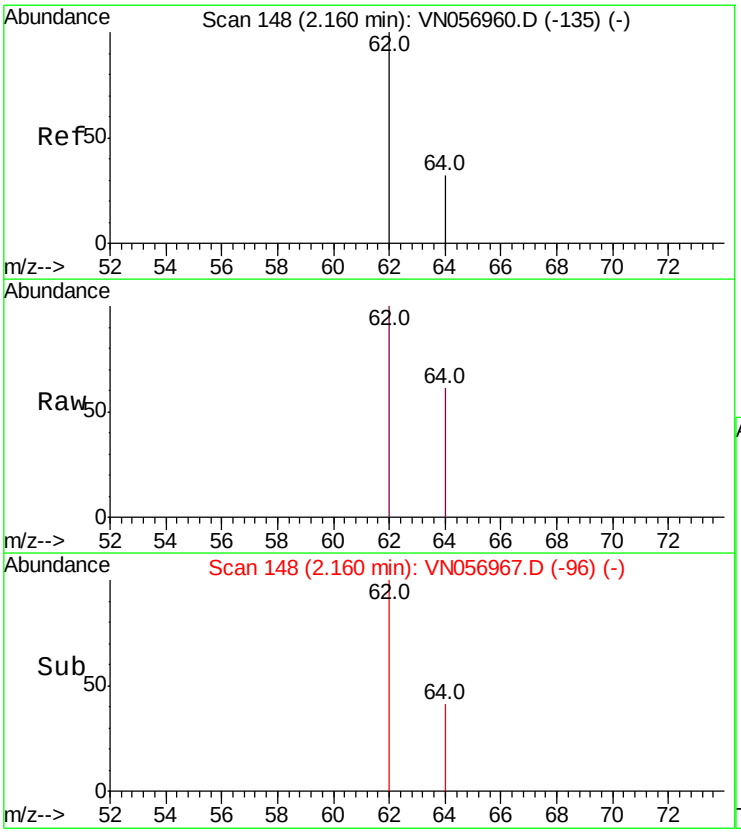
#1
Pentafluorobenzene
Concen: 5.000 ug/l
RT: 7.65 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
SU19-MSW0413

Tgt Ion:168 Resp: 48911

Ion	Ratio	Lower	Upper
168	100		
99	43.3	40.0	60.0

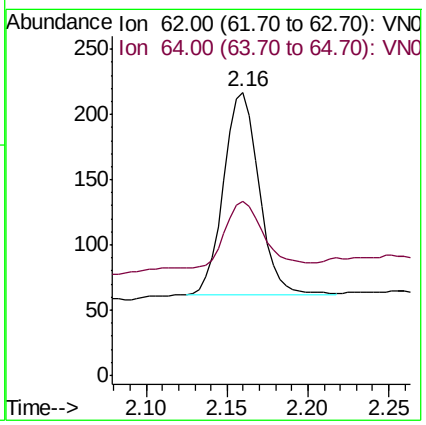


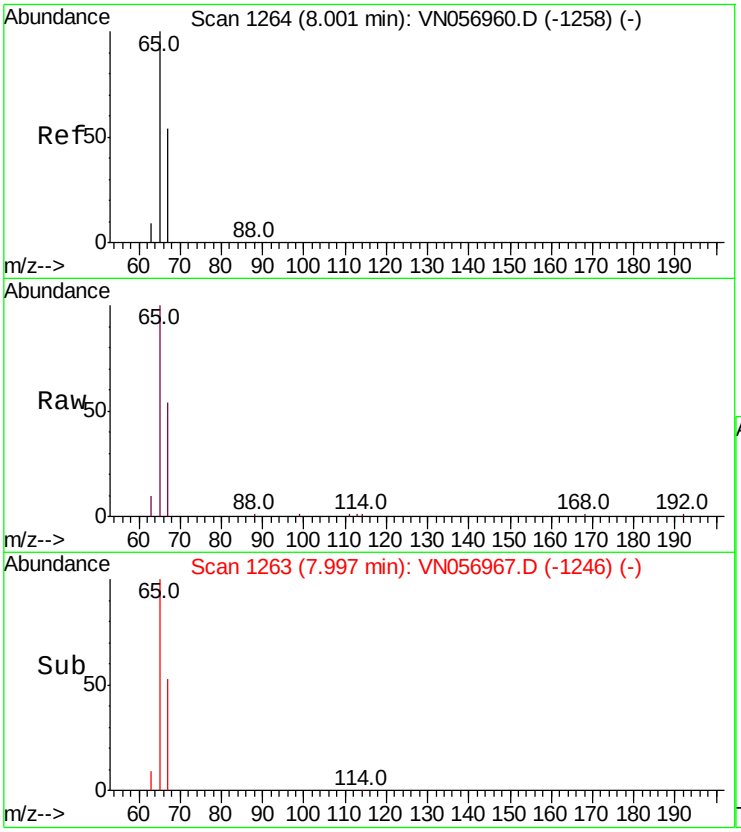


#2
Vinyl Chloride
Concen: 0.052 ug/l
RT: 2.16 min Scan# 148
Delta R.T. -0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Tgt Ion: 62 Resp: 235

Ion	Ratio	Lower	Upper
62	100		
64	61.3	26.4	39.6#



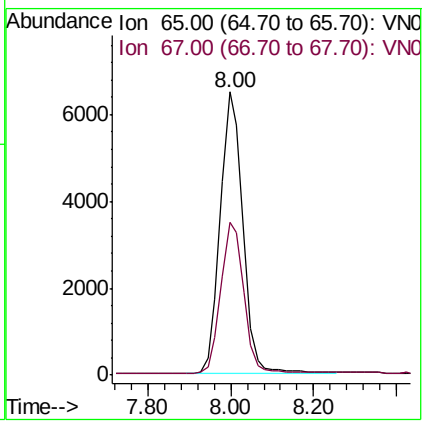


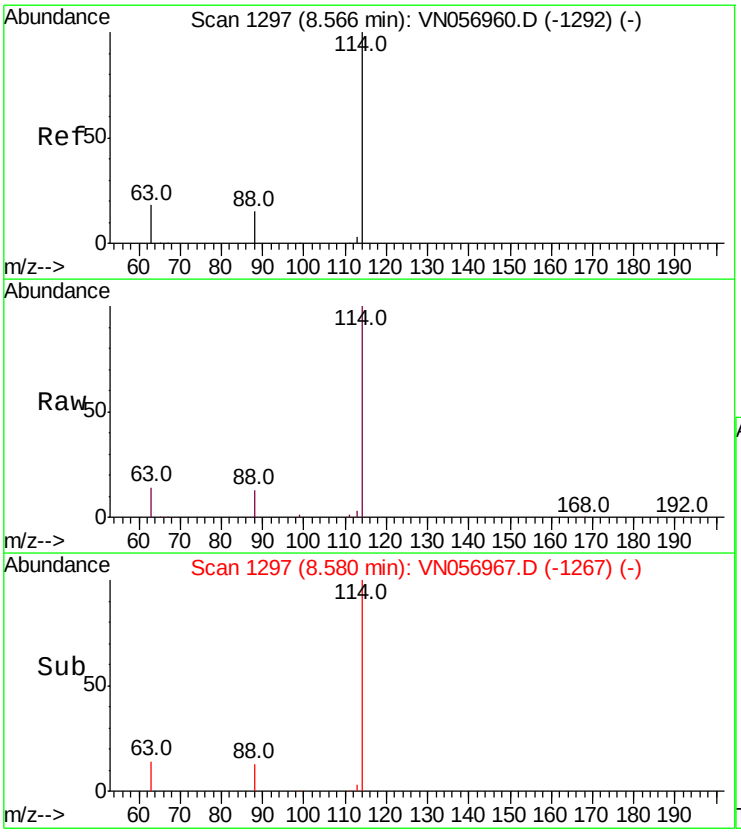
#3
1,2-Dichloroethane-d4
Concen: 4.004 ug/l
RT: 8.00 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
SU19-MSW0413

Tgt Ion: 65 Resp: 24273

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	109.6

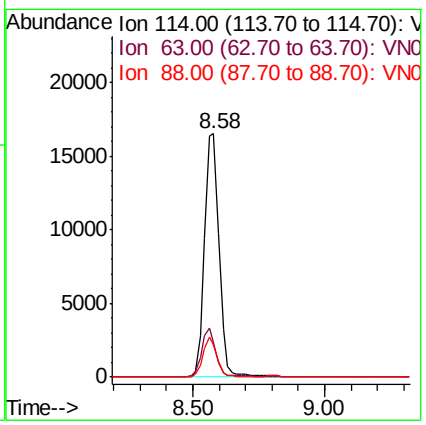


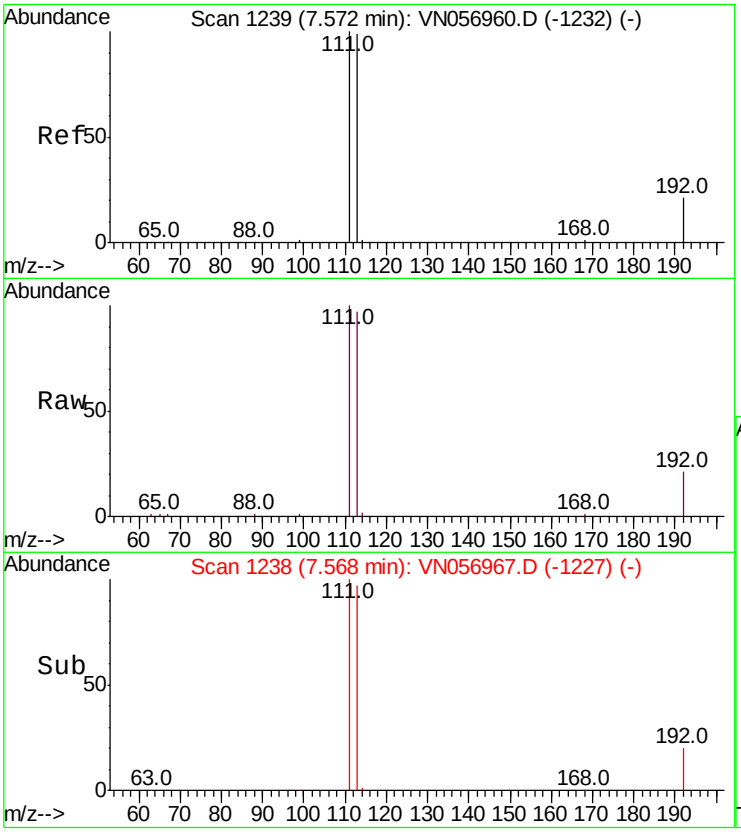


#4
1,4-Difluorobenzene
Concen: 5.000 ug/l
RT: 8.58 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Tgt Ion:114 Resp: 72061

Ion	Ratio	Lower	Upper
114	100		
63	14.3	0.0	37.6
88	13.4	0.0	31.0



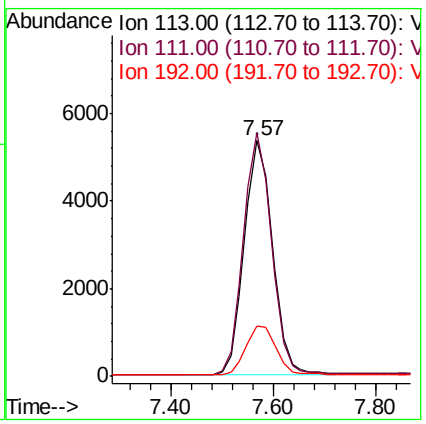


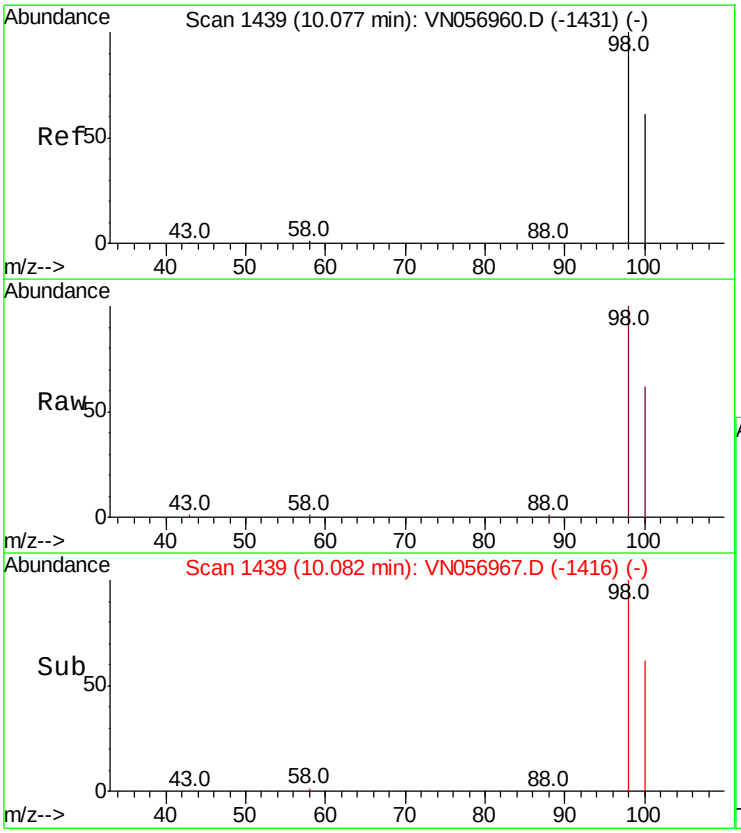
#5
Dibromofluoromethane
Concen: 4.157 ug/l
RT: 7.57 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Instrument : MSVOA_N
ClientSampleId : SU19-MSW0413

Tgt Ion:113 Resp: 20350

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.1	121.7
192	21.4	17.9	26.9

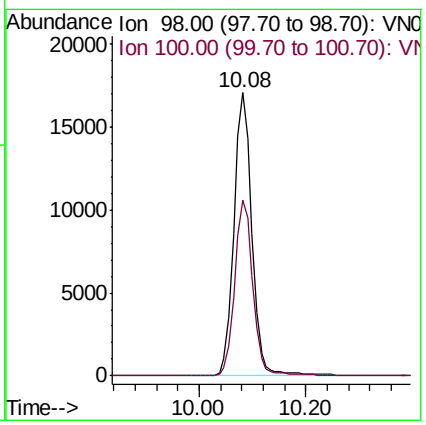


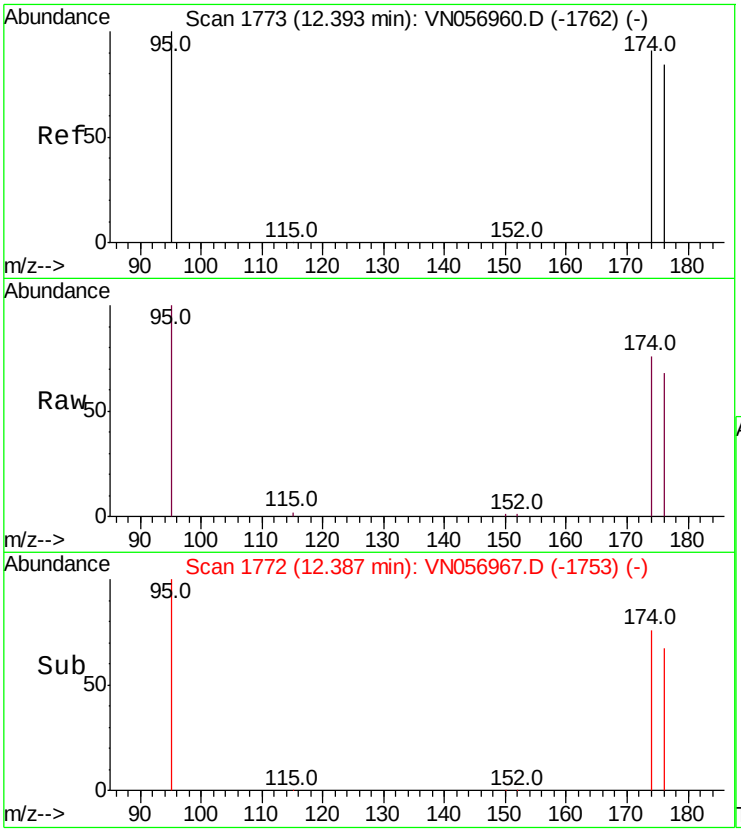


#6
Toluene-d8
Concen: 3.911 ug/l
RT: 10.08 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Tgt Ion: 98 Resp: 39071

Ion	Ratio	Lower	Upper
98	100		
100	62.3	49.0	73.4



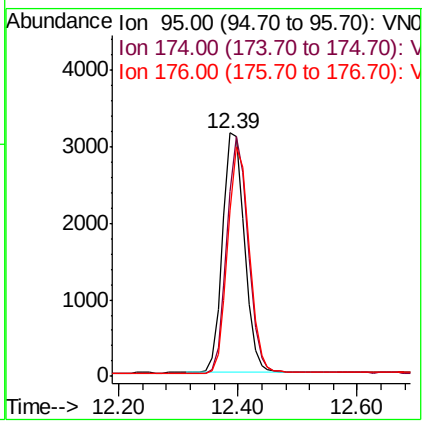


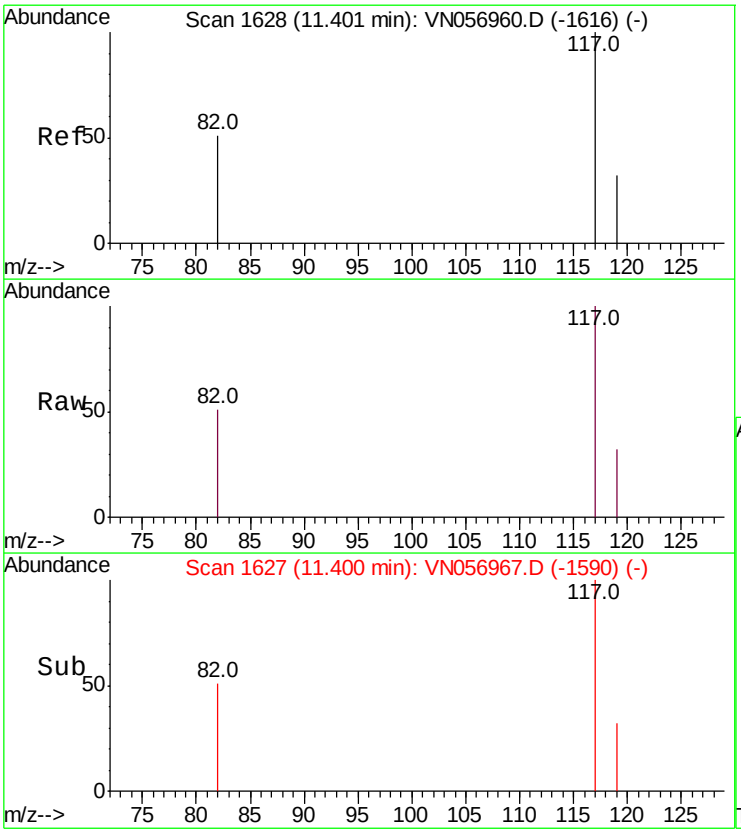
#7
4-Bromofluorobenzene
Concen: 3.429 ug/l
RT: 12.39 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Instrument : MSVOA_N
ClientSampleId : SU19-MSW0413

Tgt Ion: 95 Resp: 7996

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	181.4
176	67.9	0.0	168.2

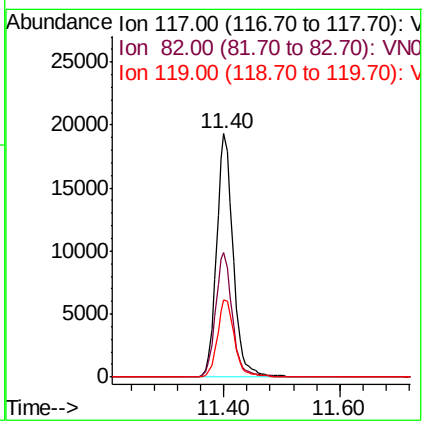


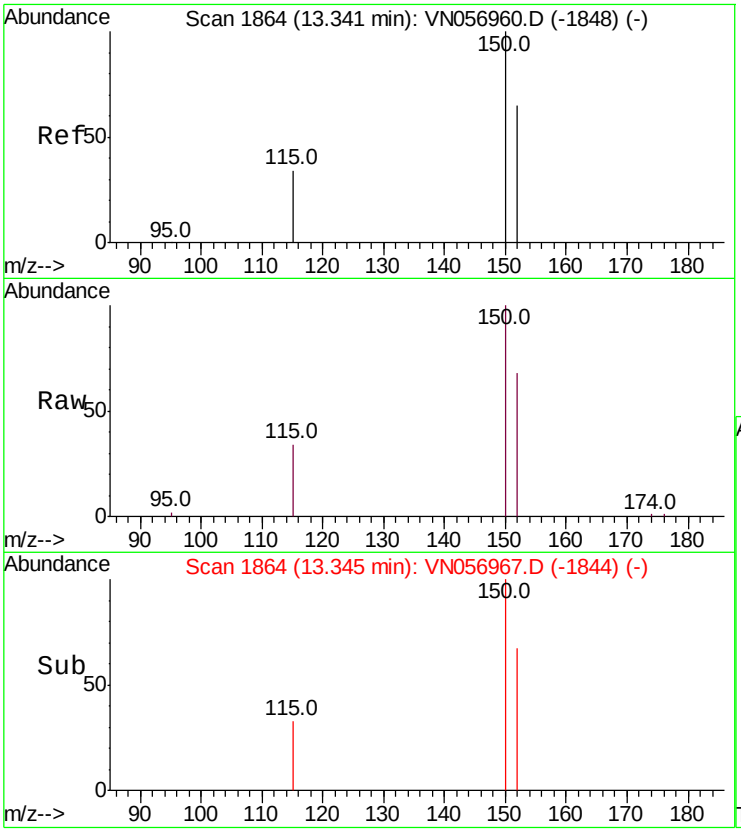


#8
Chlorobenzene-d5
Concen: 5.000 ug/l
RT: 11.40 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Tgt Ion:117 Resp: 37949

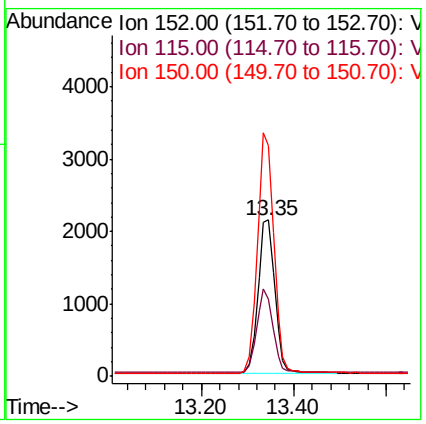
Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.7	61.1
119	31.8	25.6	38.4





#9
1,4-Dichlorobenzene-d4
Concen: 5.000 ug/l
RT: 13.35 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN056967.D
Acq: 30 Jul 2019 11:42

Instrument :
MSVOA_N
ClientSampleId :
SU19-MSW0413

Tgt Ion:152 Resp: 5305

Ion	Ratio	Lower	Upper
152	100		
115	49.7	27.0	80.8
150	147.3	0.0	306.8