Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
Data File : VN059735.D
Acq On : 16 Jan 2020 16:28
Operator : JC/MD
Sample : L1016-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-03-011520

Quant Time: Jan 17 08:08:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98692	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.64%			
35) Dibromofluoromethane	7.57	113	86373	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.38%			
50) Toluene-d8	10.08	98	327089	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
62) 4-Bromofluorobenzene	12.40	95	110300	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.68%			
Target Compounds						Qvalue
16) Acetone	3.78	43	67323	86.076	ug/l	96
43) Isopropyl Acetate	8.14	43	39138	9.750	ug/l #	91
84) 1,2,4-Trimethylbenzene	13.04	105	13353	2.108	ug/l	96
95) Naphthalene	15.13	128	8933	1.578	ug/l	97

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

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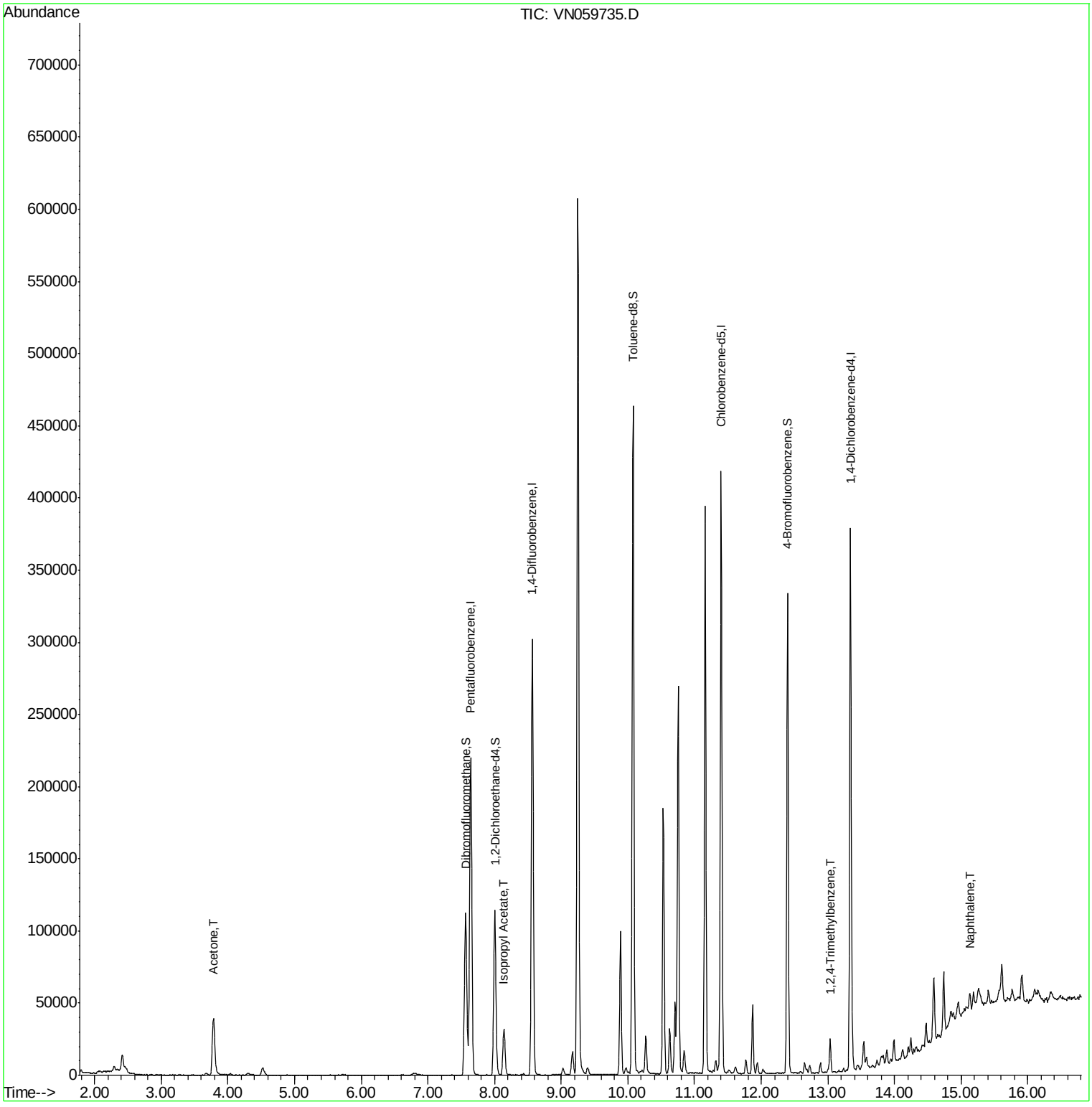
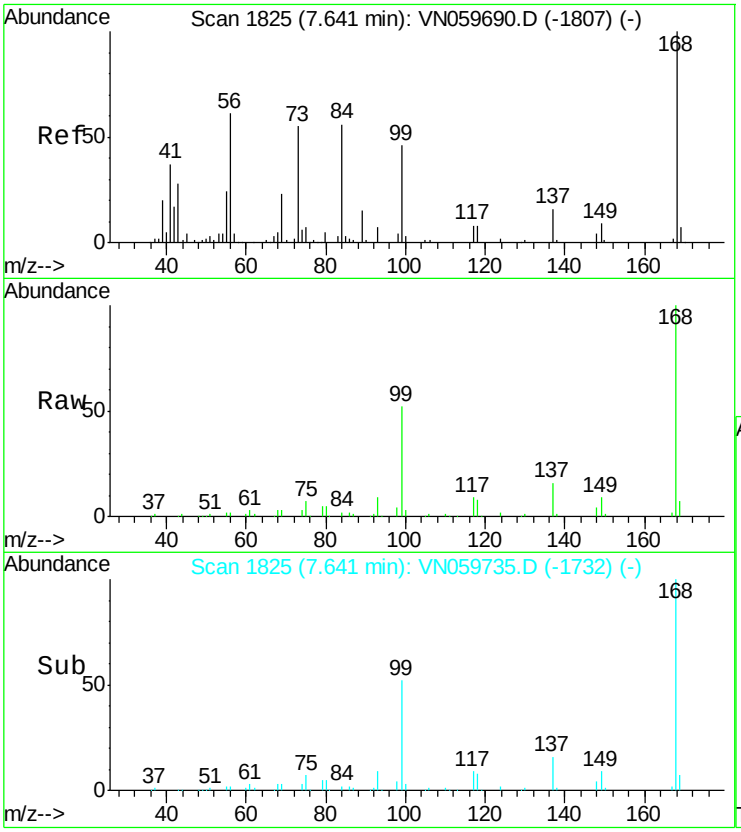


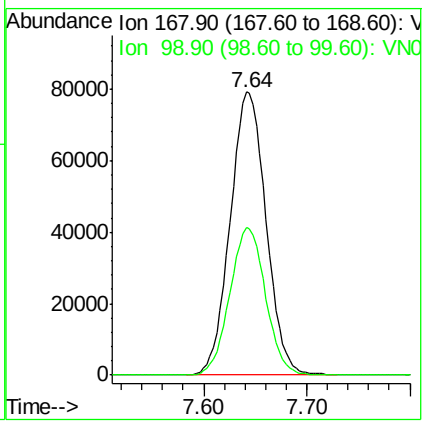


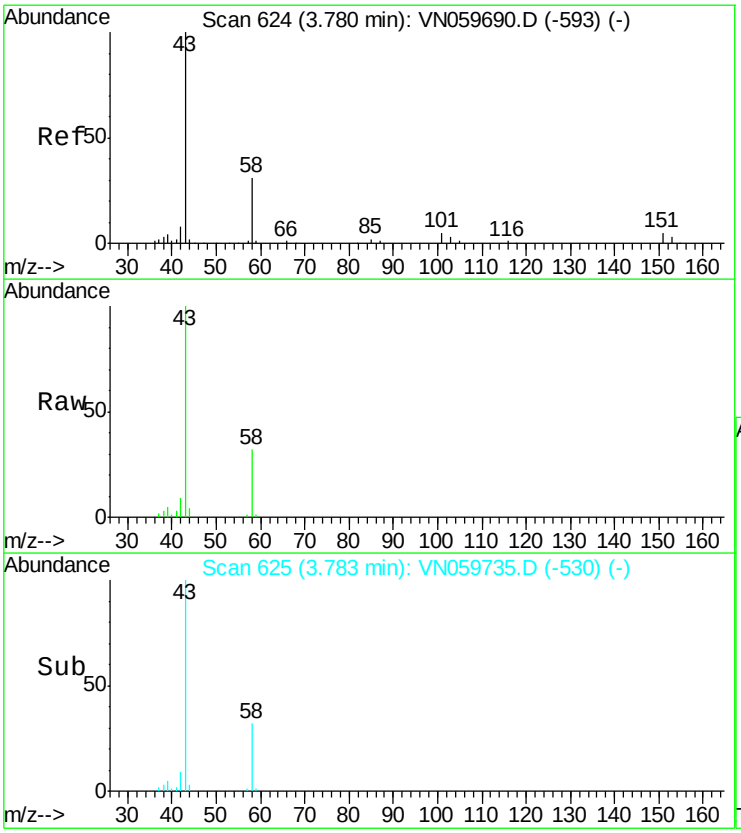
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion:168 Resp: 191862

Ion	Ratio	Lower	Upper
168	100		
99	52.0	48.2	72.4

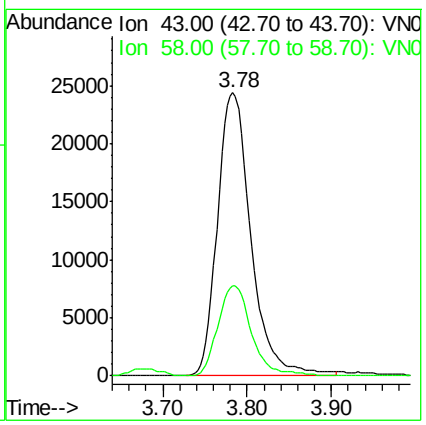


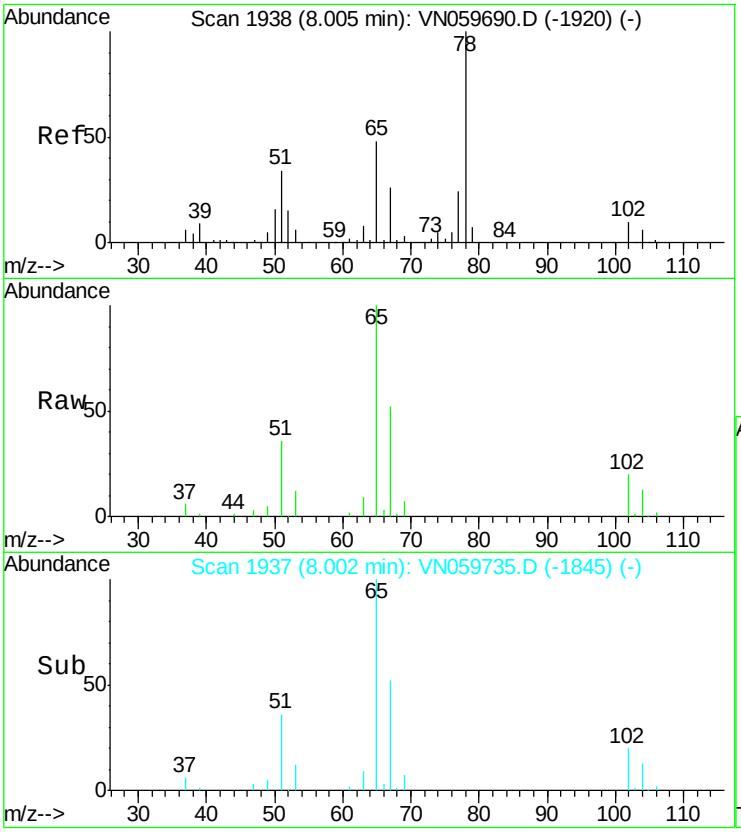


#16
Acetone
Concen: 86.076 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 43 Resp: 67323

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.6	35.4



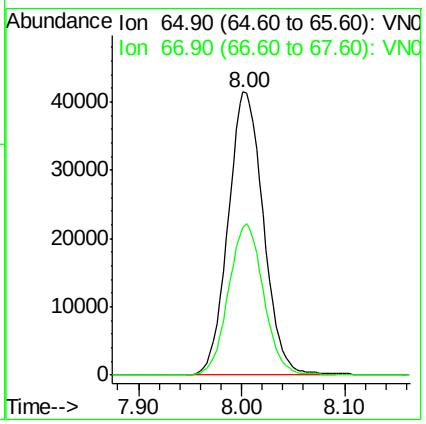


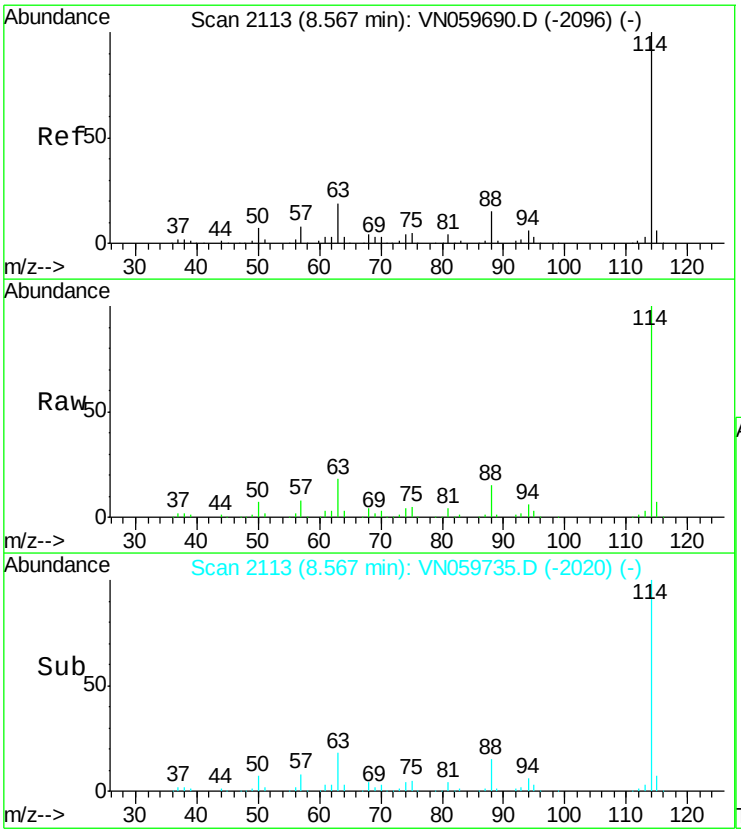
#33
1,2-Dichloroethane-d4
Concen: 46.320 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion: 65 Resp: 98692

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	103.0

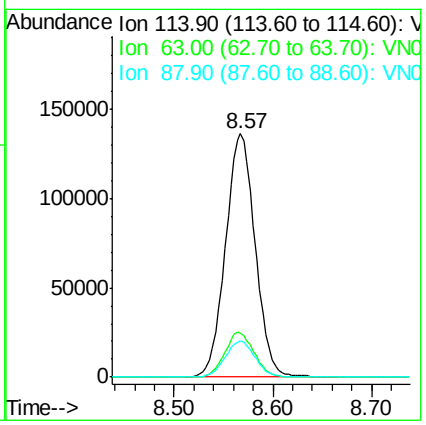


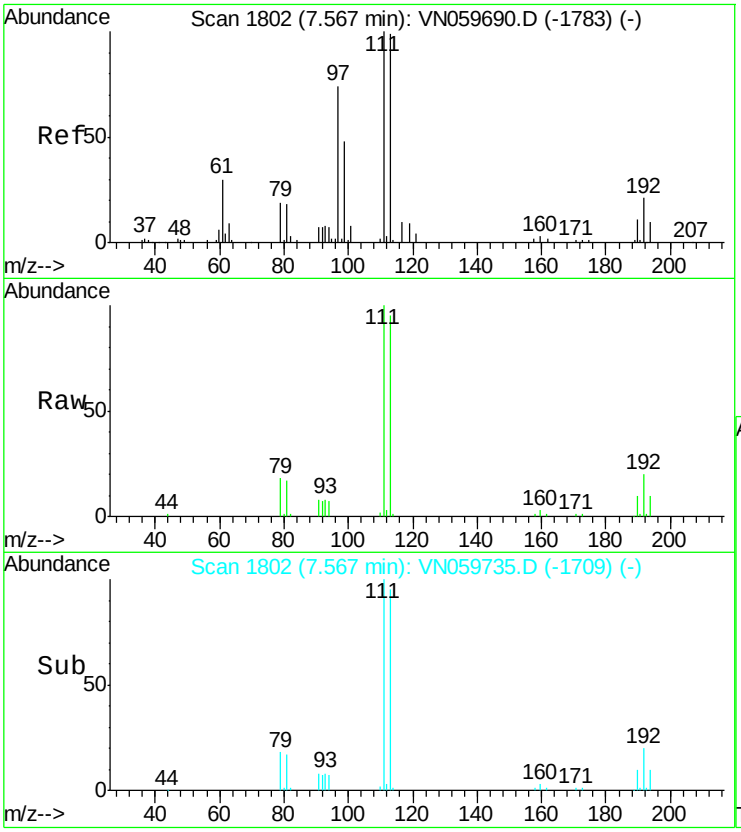


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion:114 Resp: 285738

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.6
88	14.7	0.0	31.4



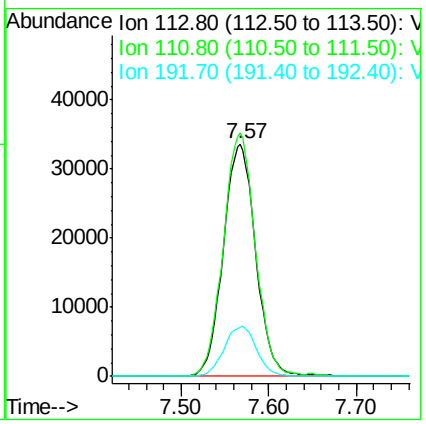


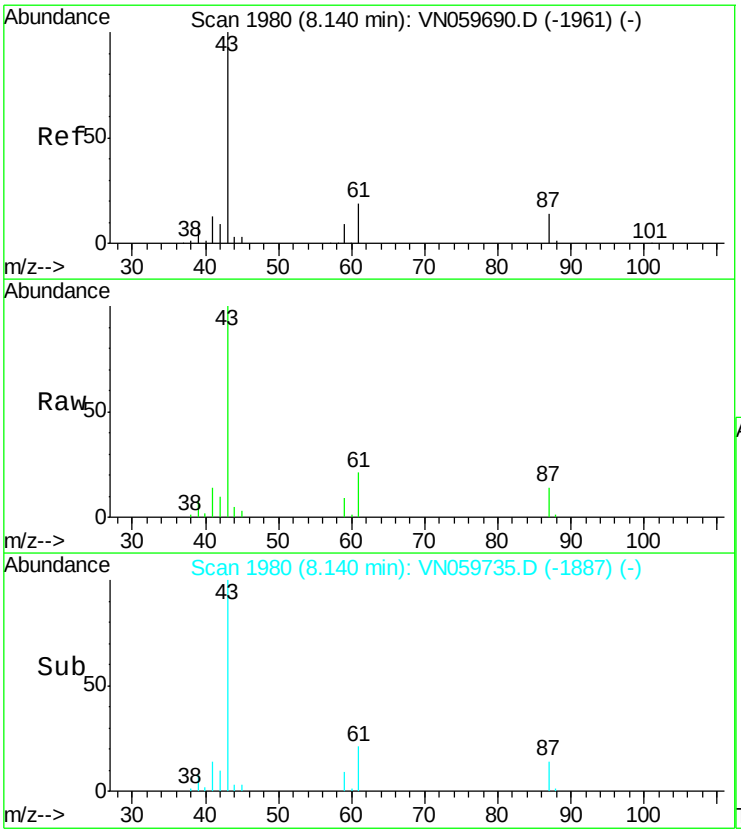
#35
Dibromofluoromethane
Concen: 50.689 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion:113 Resp: 86373

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	21.4	15.4	23.2

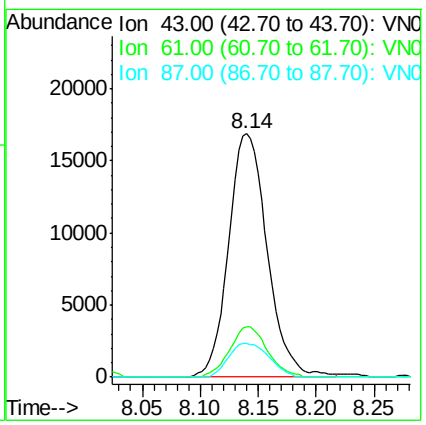


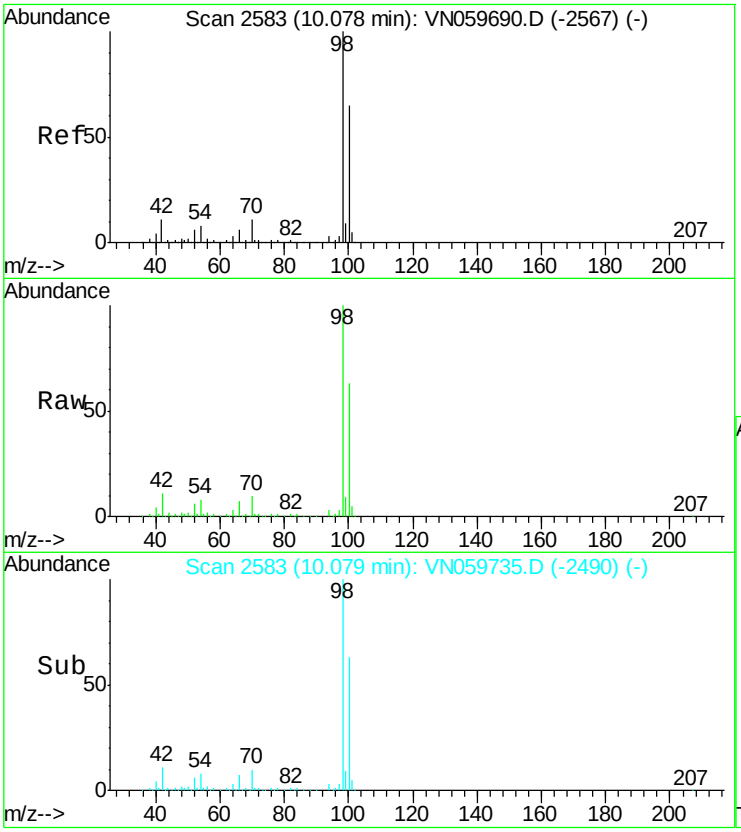


#43
Isopropyl Acetate
Concen: 9.750 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 43 Resp: 39138

Ion	Ratio	Lower	Upper
43	100		
61	20.2	20.2	30.2#
87	14.3	9.5	14.3#



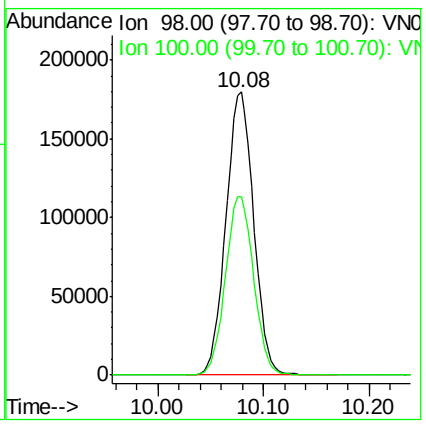


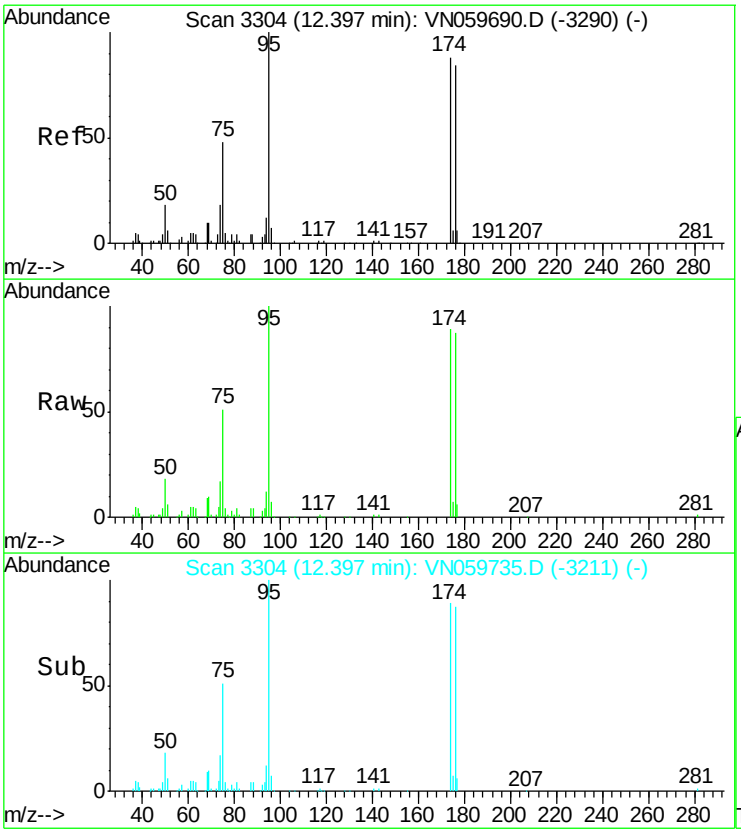
#50
Toluene-d8
Concen: 49.543 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion: 98 Resp: 327089

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

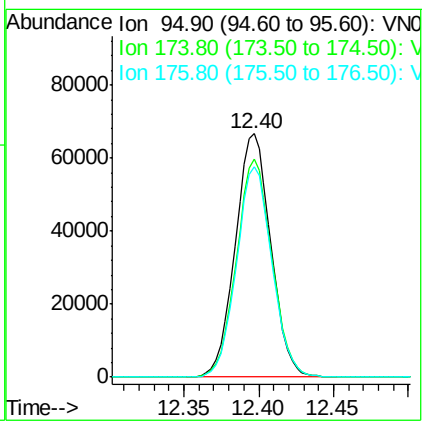


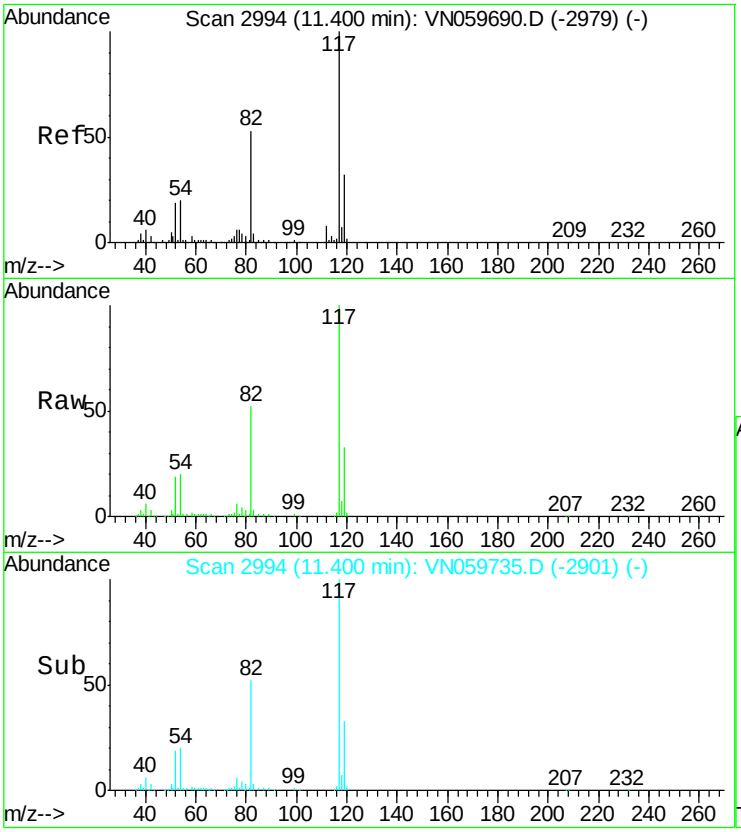


#62
4-Bromofluorobenzene
Concen: 46.344 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion: 95 Resp: 110300

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	151.4
176	86.2	0.0	146.0



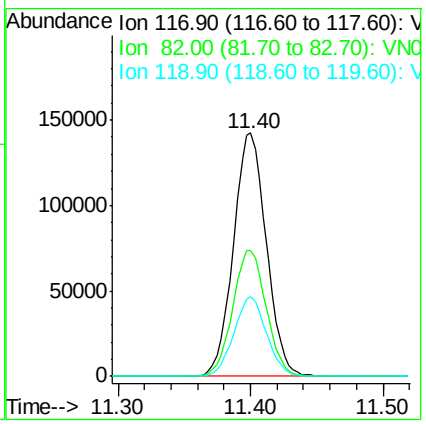


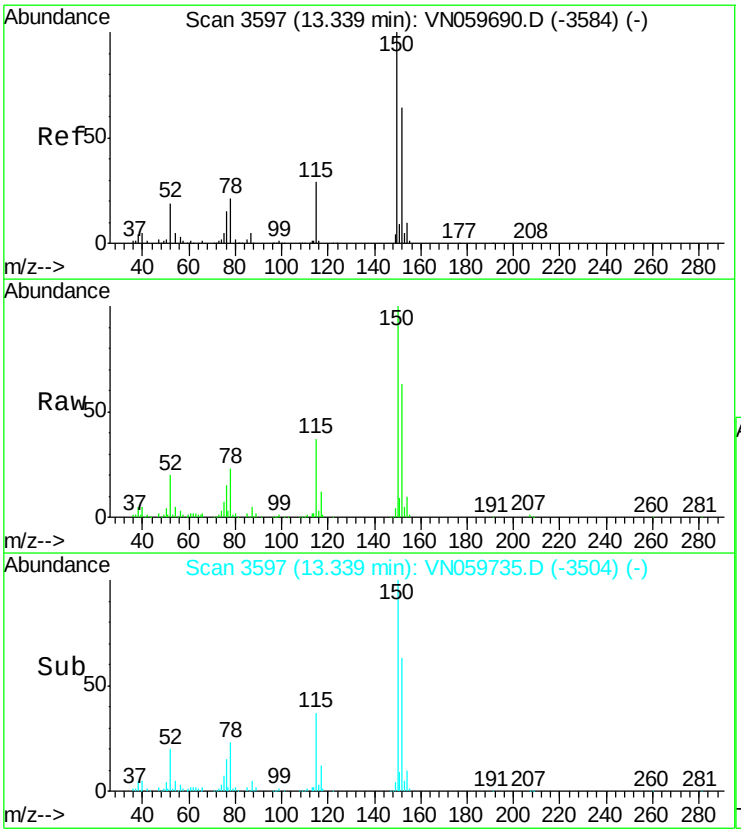
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument : MSVOA_N
ClientSampleId : SU-03-011520

Tgt Ion:117 Resp: 245322

Ion	Ratio	Lower	Upper
117	100		
82	51.9	45.9	68.9
119	32.6	25.5	38.3

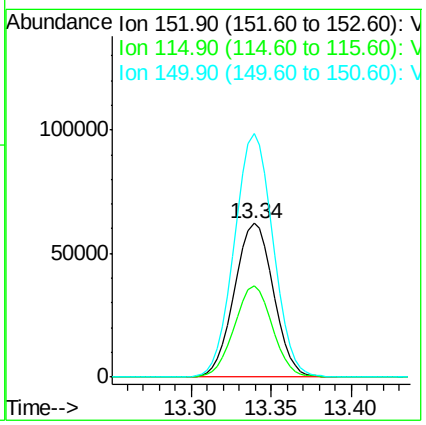


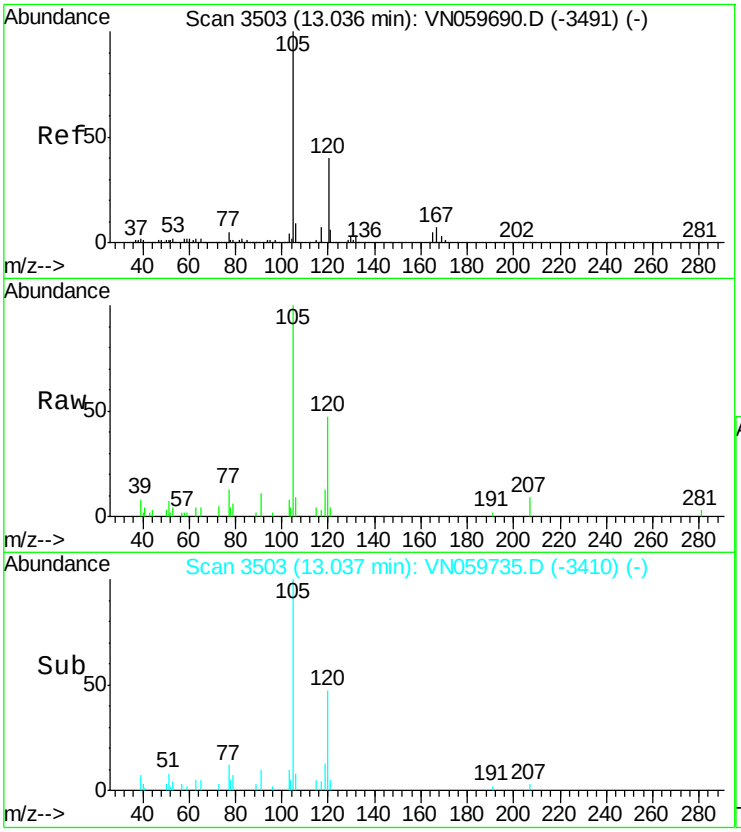


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion:152 Resp: 103829

Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.3	90.9
150	156.9	0.0	345.2



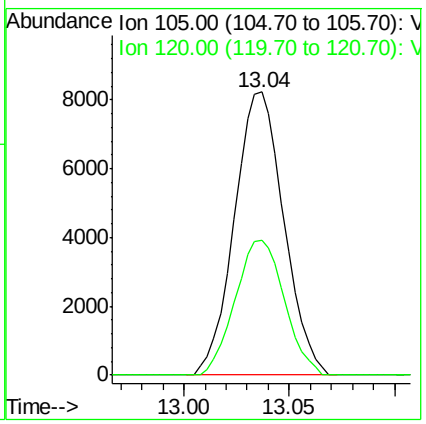


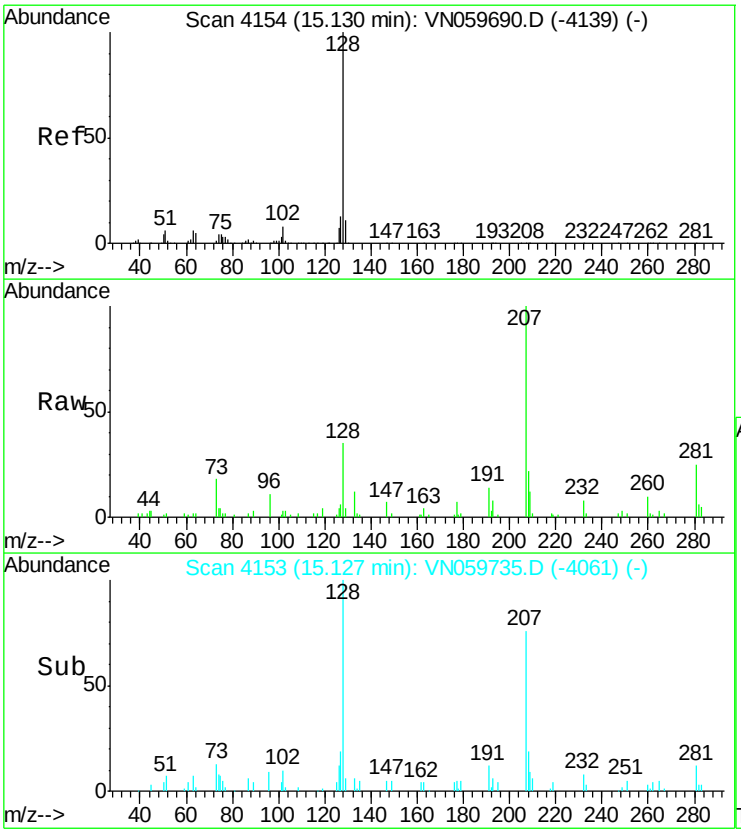
#84
1,2,4-Trimethylbenzene
Concen: 2.108 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
SU-03-011520

Tgt Ion:105 Resp: 13353

Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.3	66.9





#95
Naphthalene
Concen: 1.578 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059735.D
Acq: 16 Jan 2020 16:28

Tgt Ion:128 Resp: 8933

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.4	15.6
129	11.1	8.6	12.8