Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100220\
Data File : VN063816.D
Acq On : 2 Oct 2020 13:09
Operator : JC/MD
Sample : L4183-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 32676

Quant Time: Oct 05 04:41:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	210221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175632	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.14%			
35) Dibromofluoromethane	7.55	113	127236	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.40%			
50) Toluene-d8	10.06	98	502784	45.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.06%			
62) 4-Bromofluorobenzene	12.38	95	211119	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	8180	21.334	ug/l #	87
16) Acetone	3.77	43	801815	749.990	ug/l	98
25) 2-Butanone	6.79	43	82452	54.398	ug/l	96
40) Benzene	8.00	78	39415	3.209	ug/l	96
52) Toluene	10.13	92	33761	4.444	ug/l	93
67) Ethyl Benzene	11.48	91	284105	18.616	ug/l	99
68) m/p-Xylenes	11.59	106	397846	69.946	ug/l	96
69) o-Xylene	11.92	106	132102	24.848	ug/l	99
95) Naphthalene	15.10	128	118362	14.008	ug/l	98

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

Quantitation Report (QT Reviewed)

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Acq On : 2 Oct 2020 13:09
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Sample : L4183-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 32676

Quant Time: Oct 05 04:41:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
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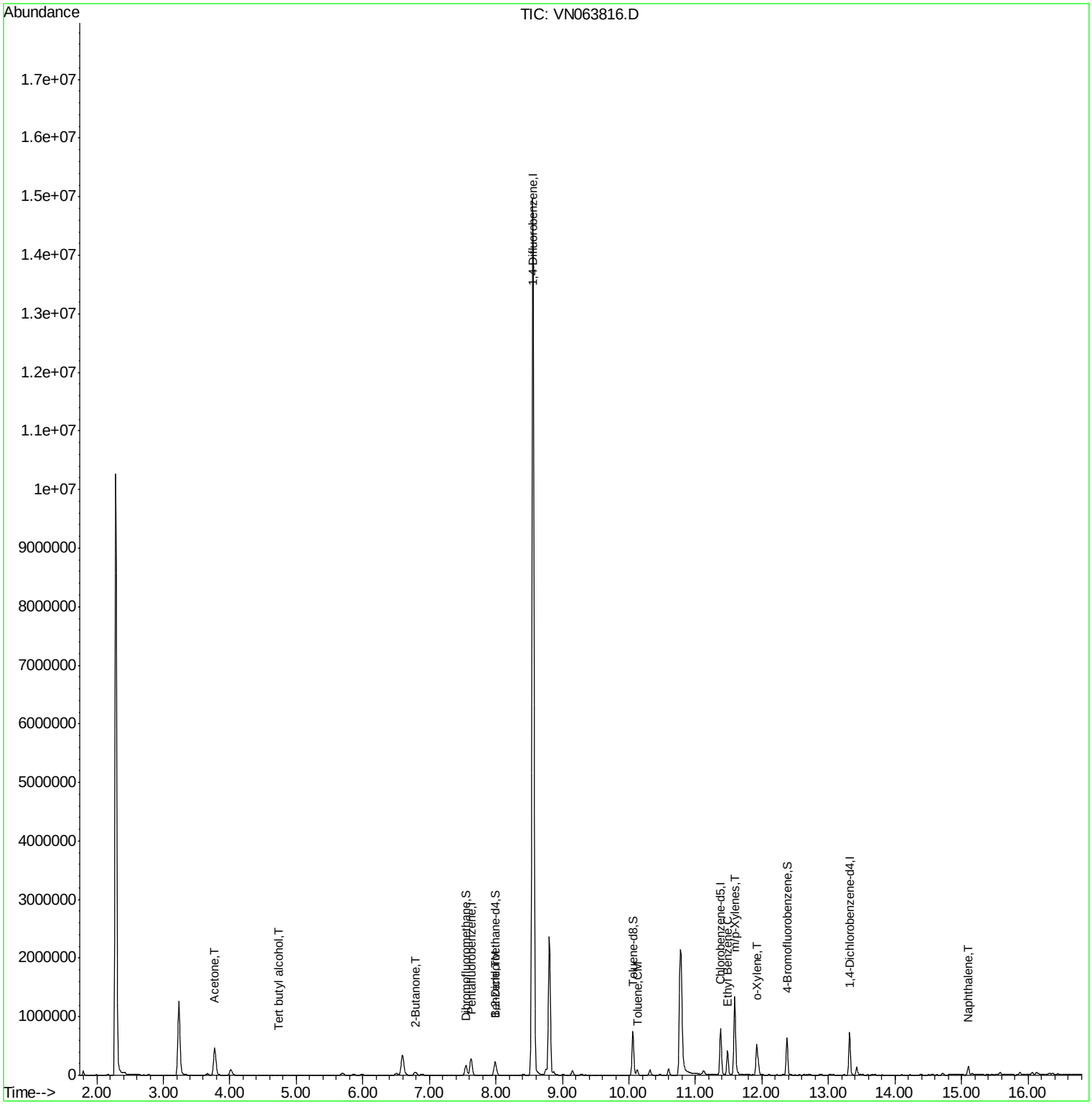
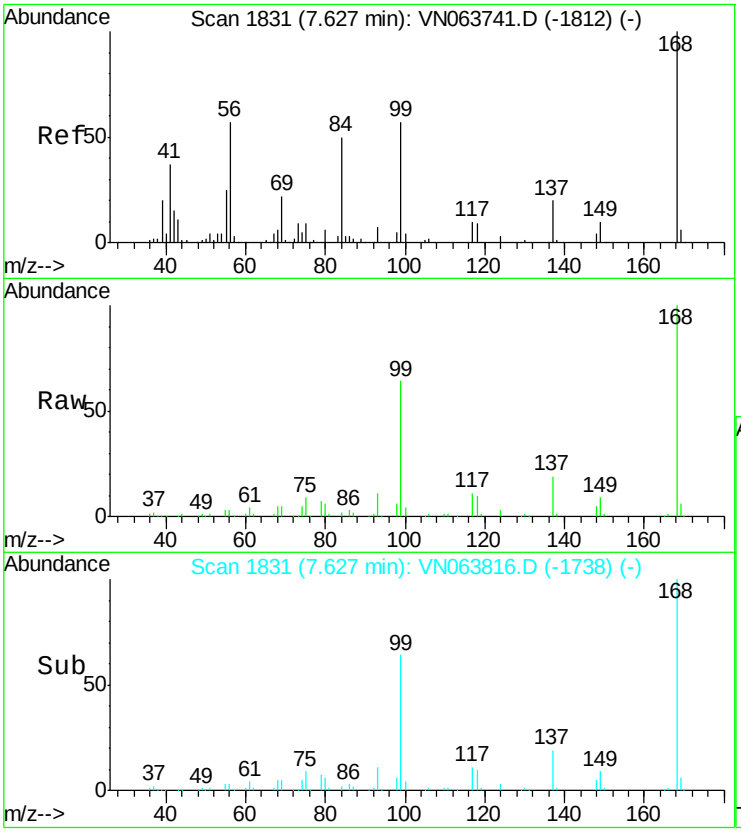


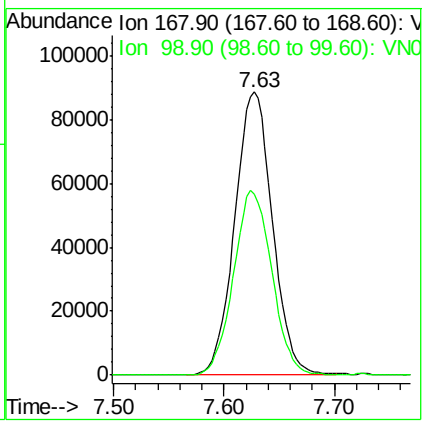


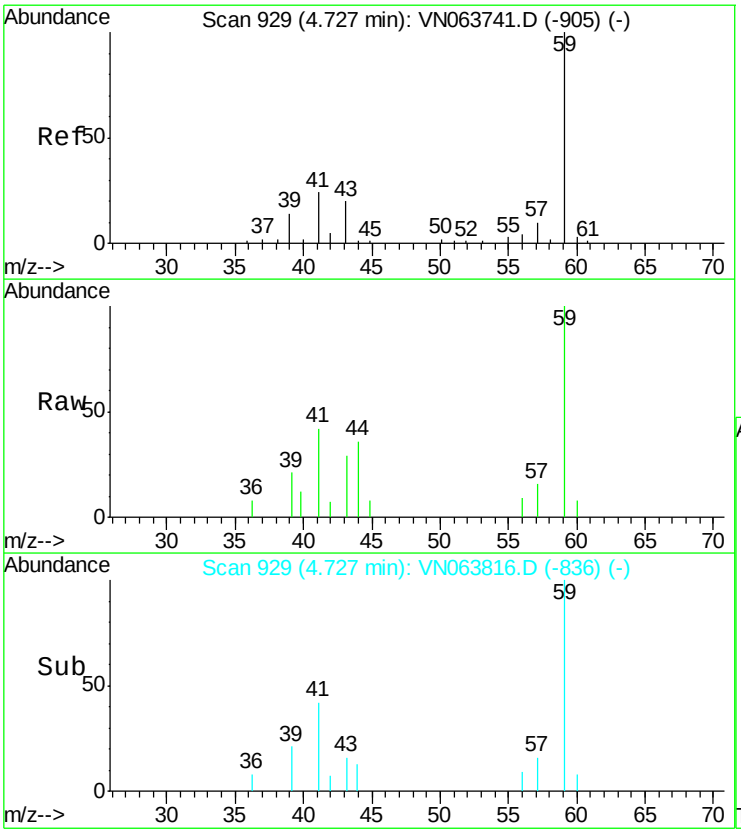
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion:168 Resp: 210221

Ion	Ratio	Lower	Upper
168	100		
99	64.1	51.8	77.6

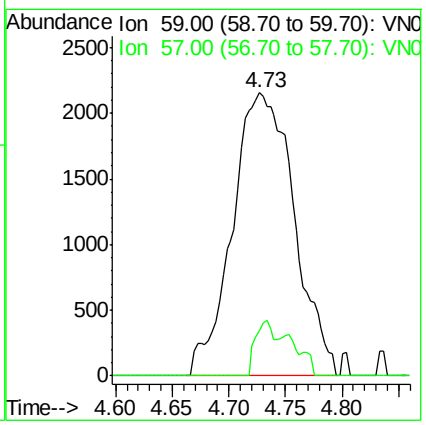


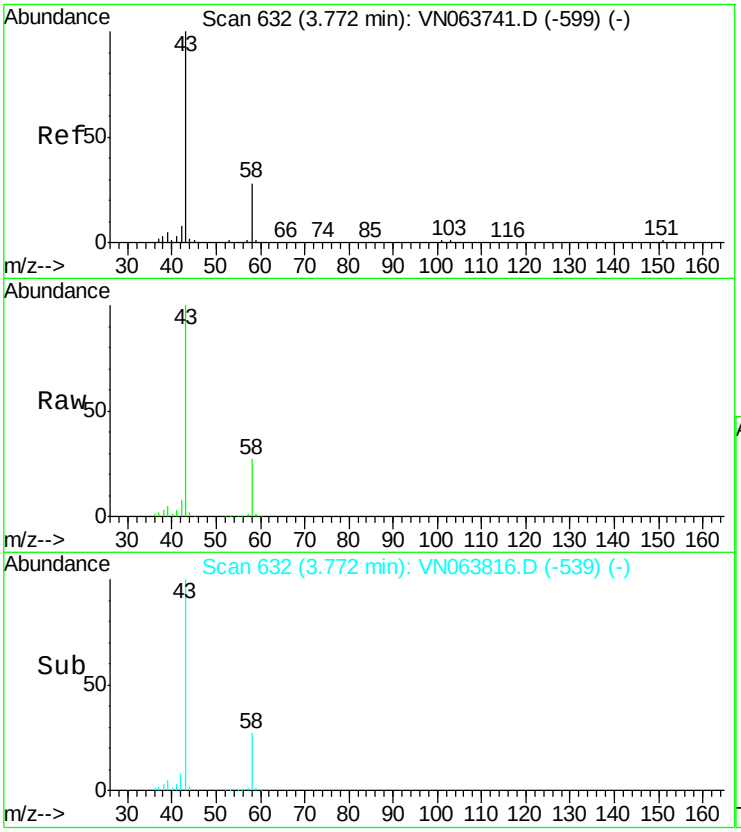


#11
Tert butyl alcohol
Concen: 21.334 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion: 59 Resp: 8180

Ion	Ratio	Lower	Upper
59	100		
57	6.1	8.7	13.1#



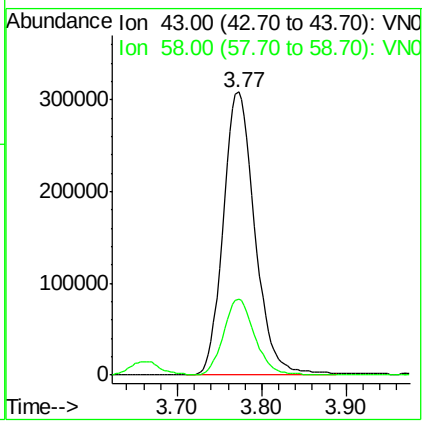


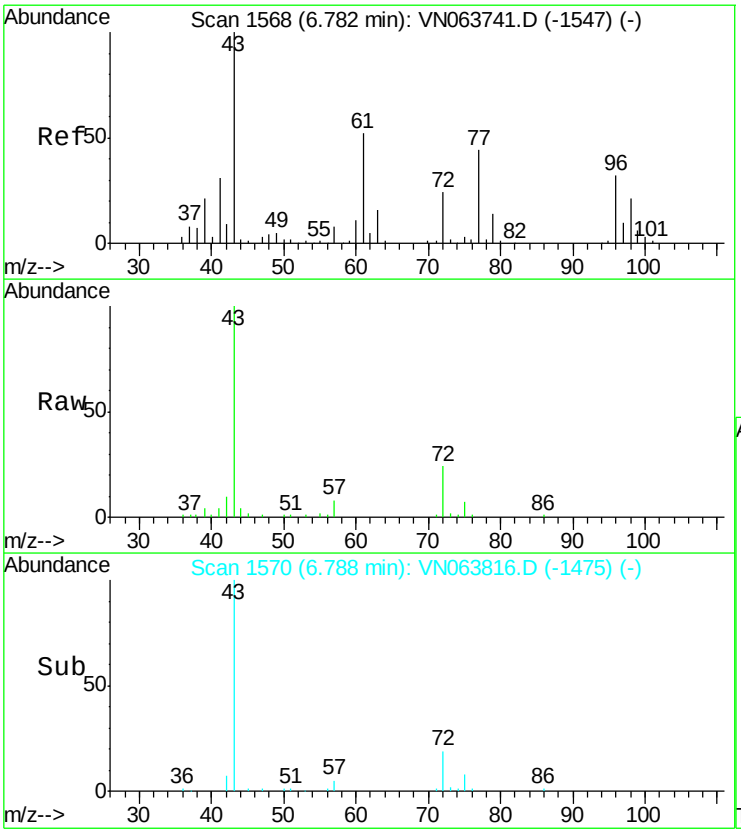
#16
Acetone
Concen: 749.990 ug/l
RT: 3.77 min Scan# 632
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion: 43 Resp: 801815

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.3	33.5

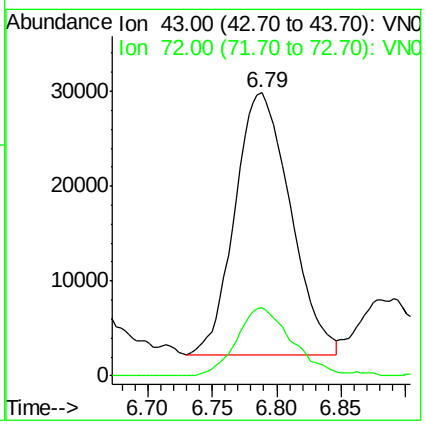


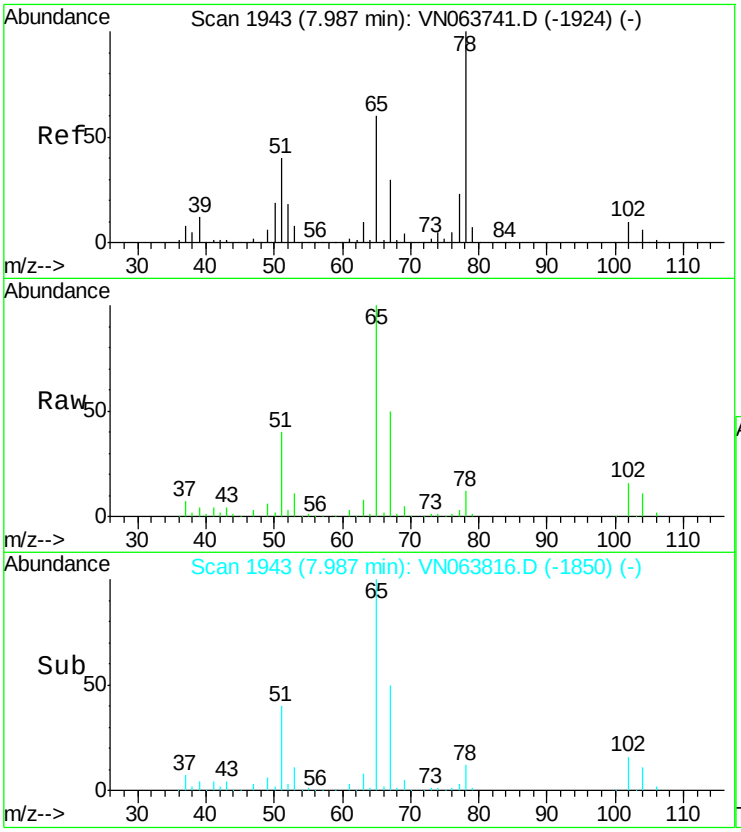


#25
2-Butanone
Concen: 54.398 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion: 43 Resp: 82452

Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.3	28.9



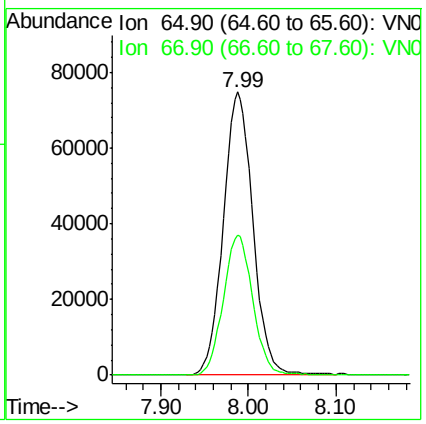


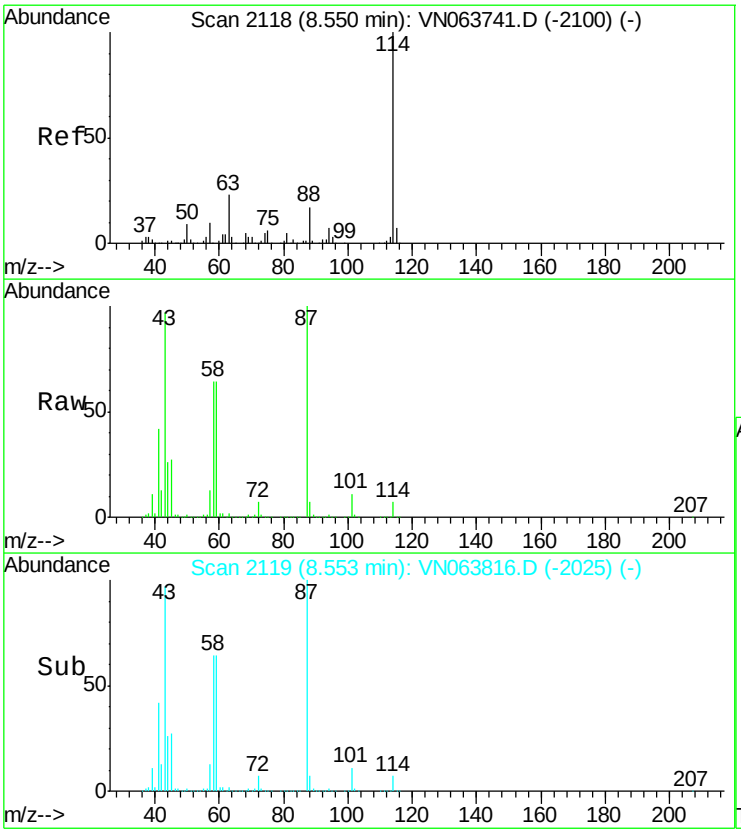
#33
1,2-Dichloroethane-d4
Concen: 50.571 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion: 65 Resp: 175632

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.6

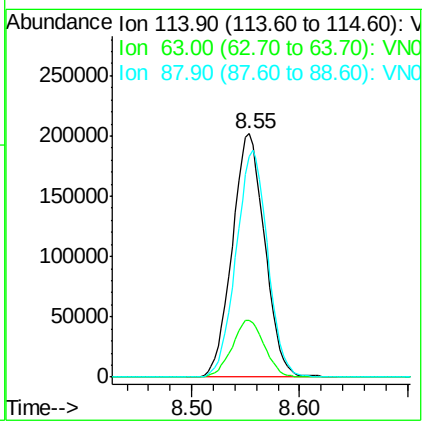


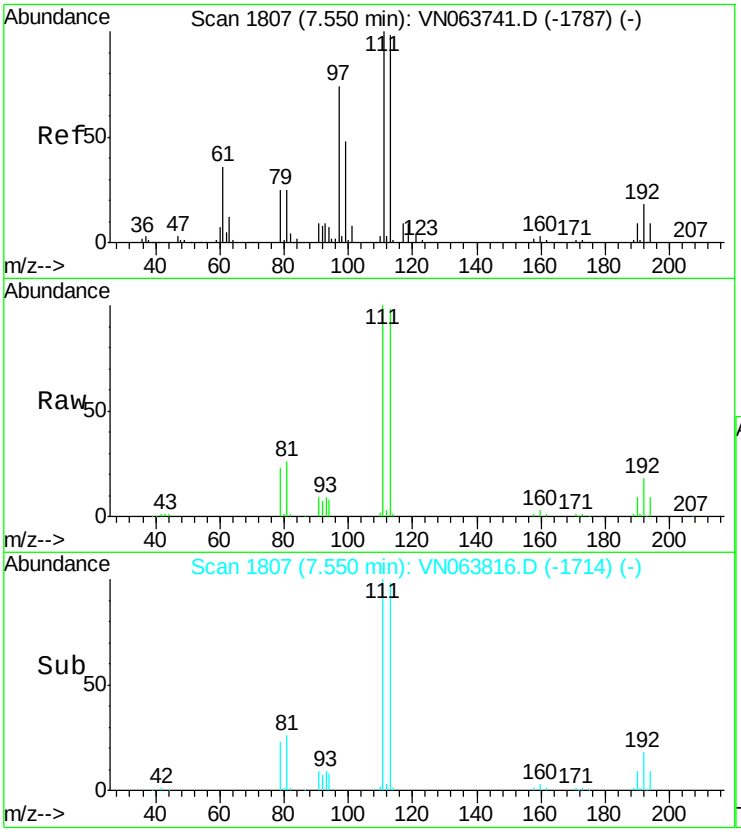


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion:114 Resp: 424465

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.0
88	90.6	0.0	34.0#



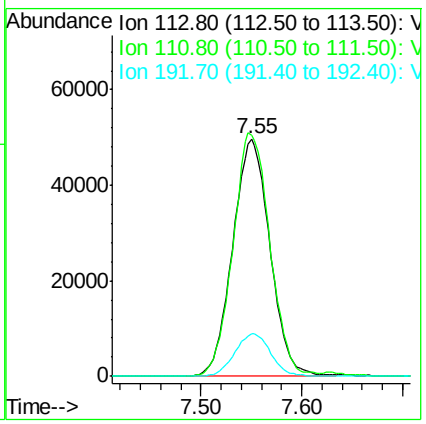


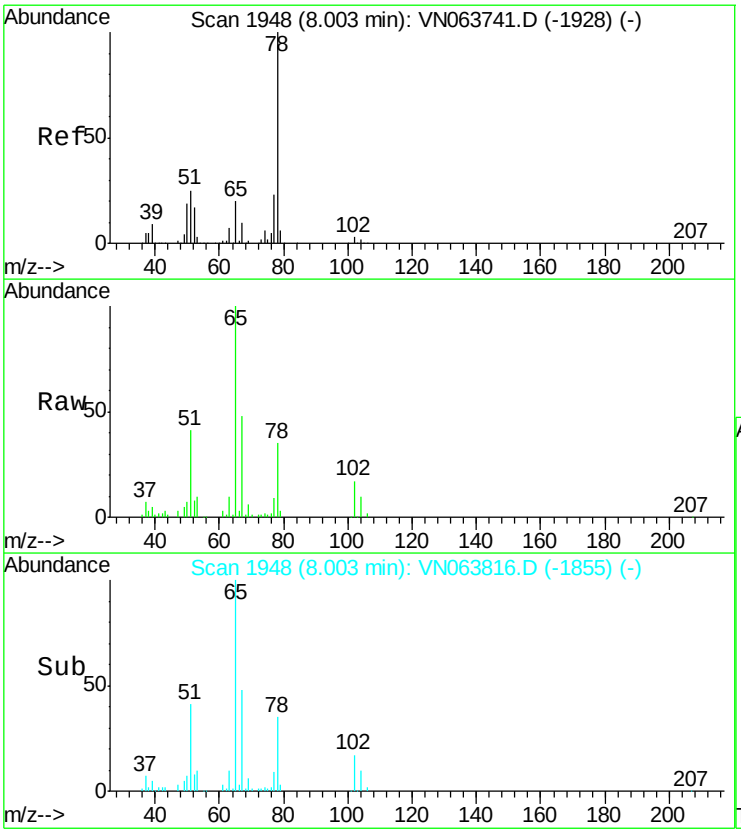
#35
Dibromofluoromethane
Concen: 43.200 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument : MSVOA_N
ClientSampleId : 32676

Tgt Ion:113 Resp: 127236

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	17.4	14.2	21.2

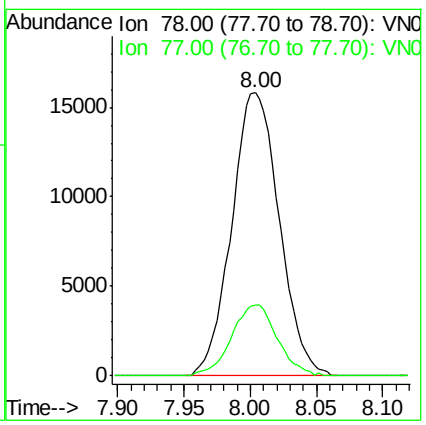


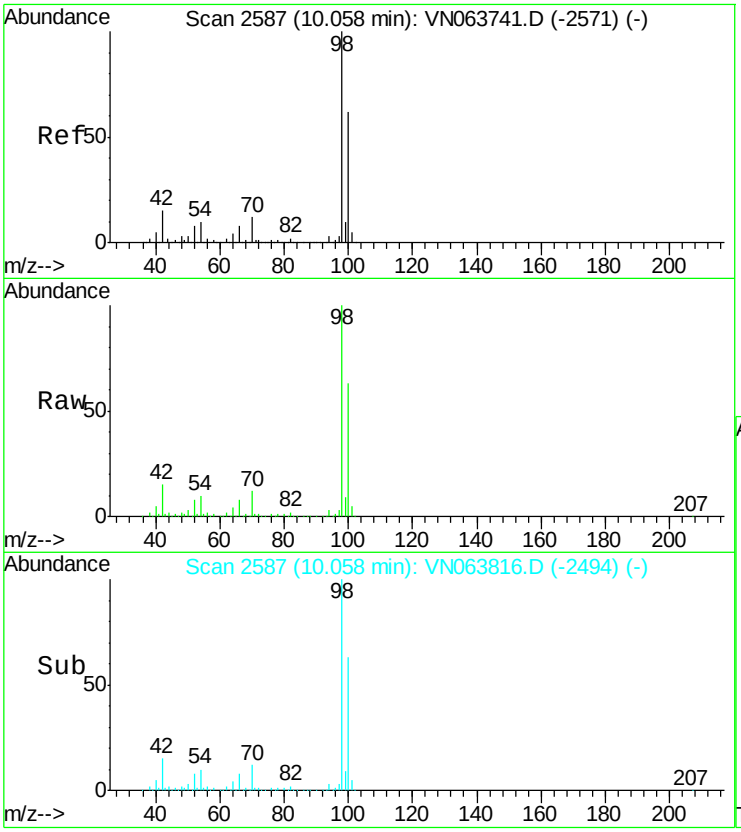


#40
Benzene
Concen: 3.209 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion: 78 Resp: 39415

Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.7	28.1



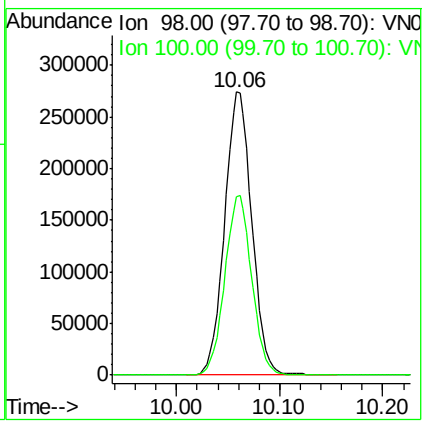


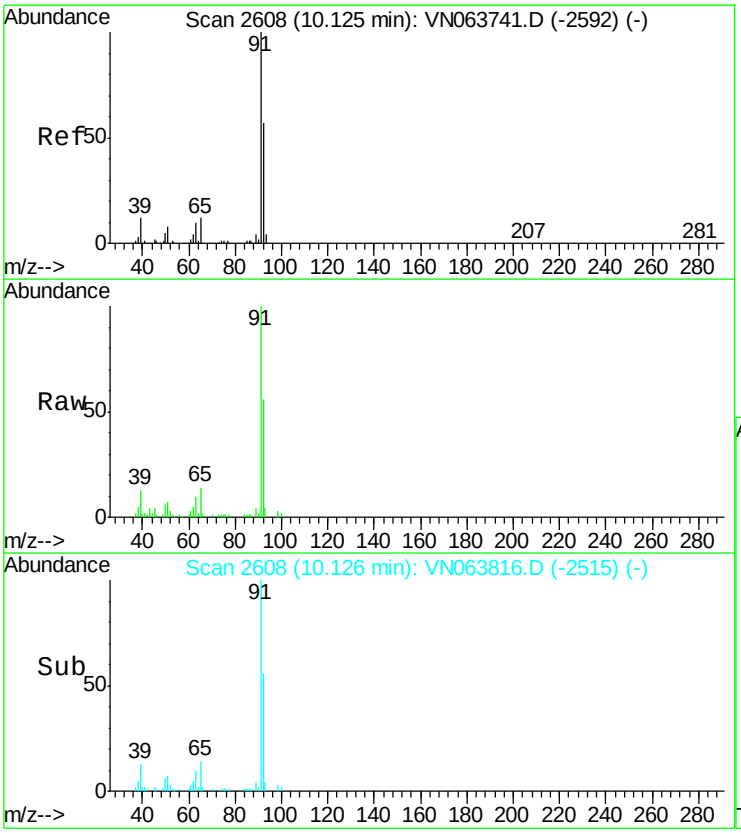
#50
Toluene-d8
Concen: 45.031 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument : MSVOA_N
ClientSampleId : 32676

Tgt Ion: 98 Resp: 502784

Ion	Ratio	Lower	Upper
98	100		
100	62.7	49.8	74.6

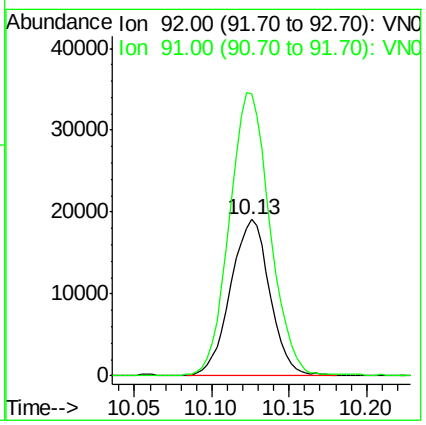


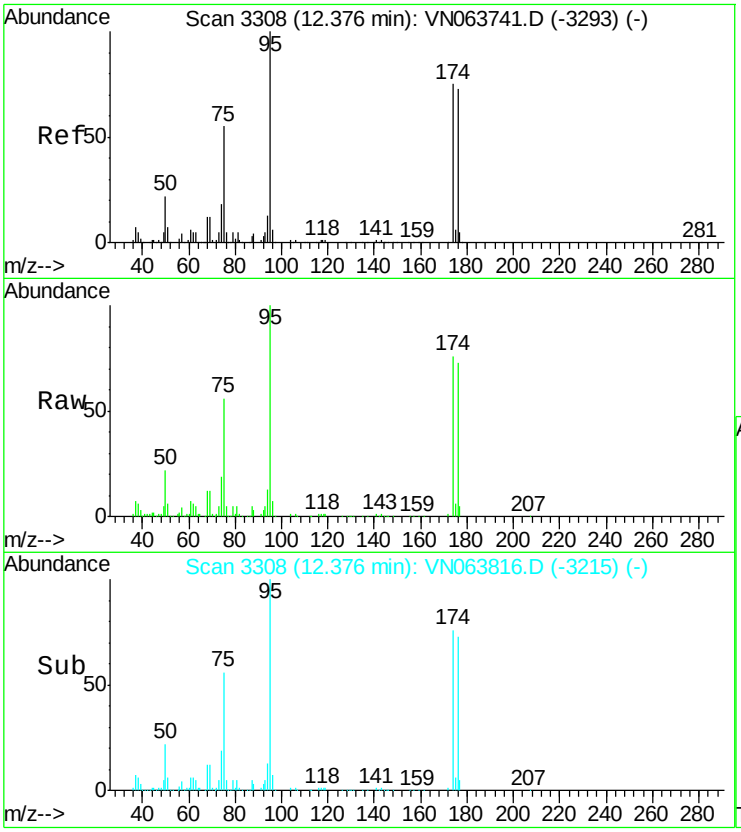


#52
Toluene
Concen: 4.444 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion: 92 Resp: 33761

Ion	Ratio	Lower	Upper
92	100		
91	186.1	140.6	210.8



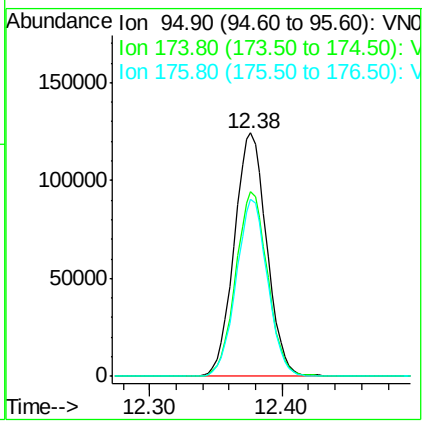


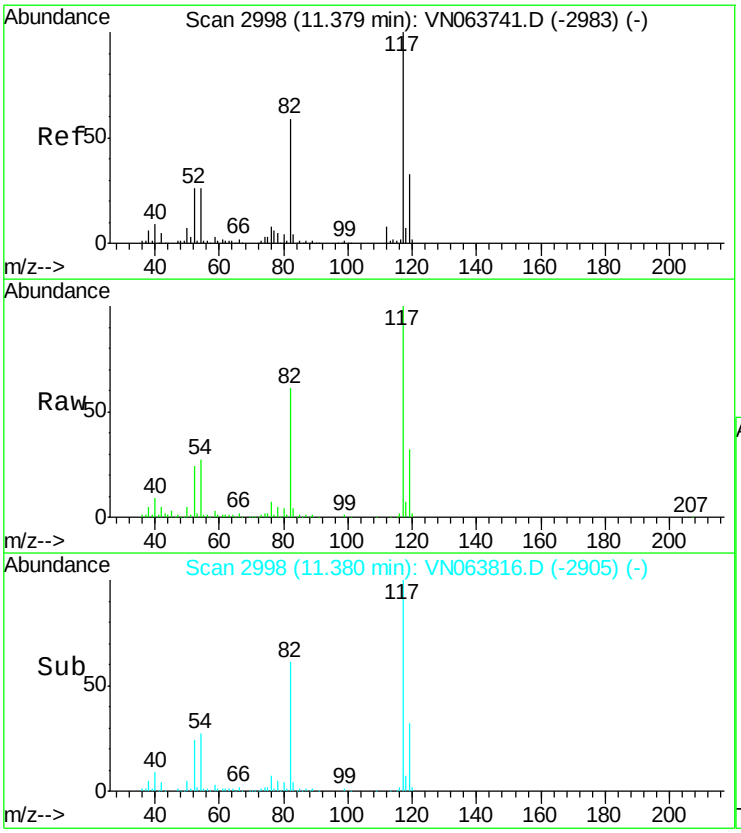
#62
4-Bromofluorobenzene
Concen: 50.301 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion: 95 Resp: 211119

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	150.6
176	70.1	0.0	145.4

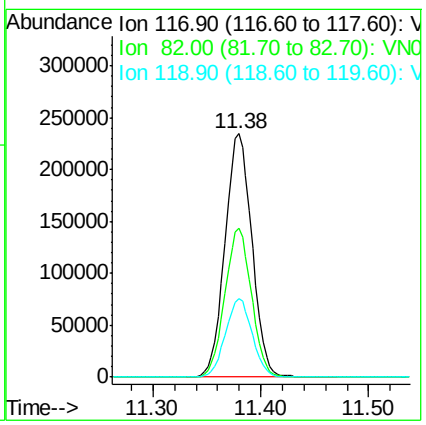


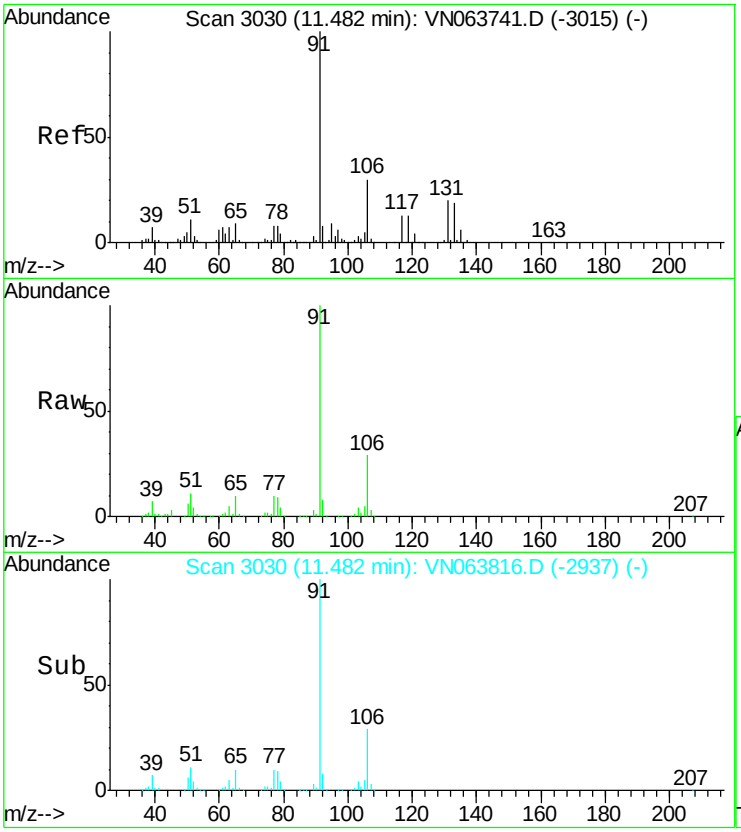


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion:117 Resp: 408865

Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.4	71.2
119	32.2	26.4	39.6



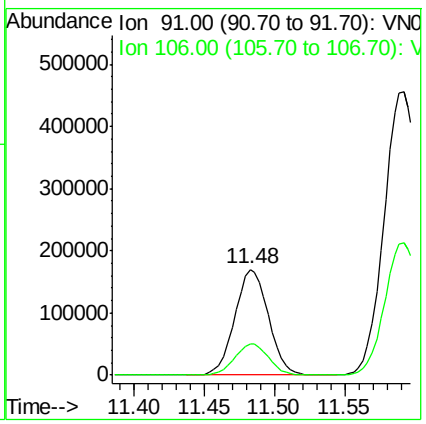


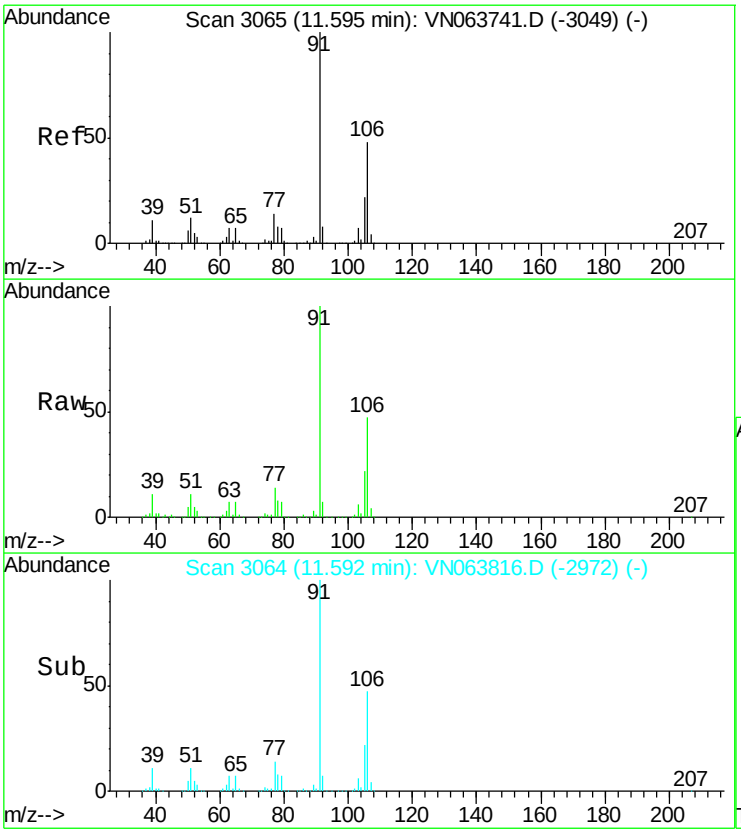
#67
Ethyl Benzene
Concen: 18.616 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument : MSVOA_N
ClientSampleId : 32676

Tgt Ion: 91 Resp: 284105

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.2

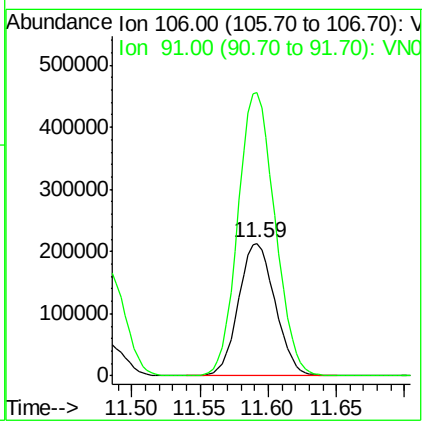


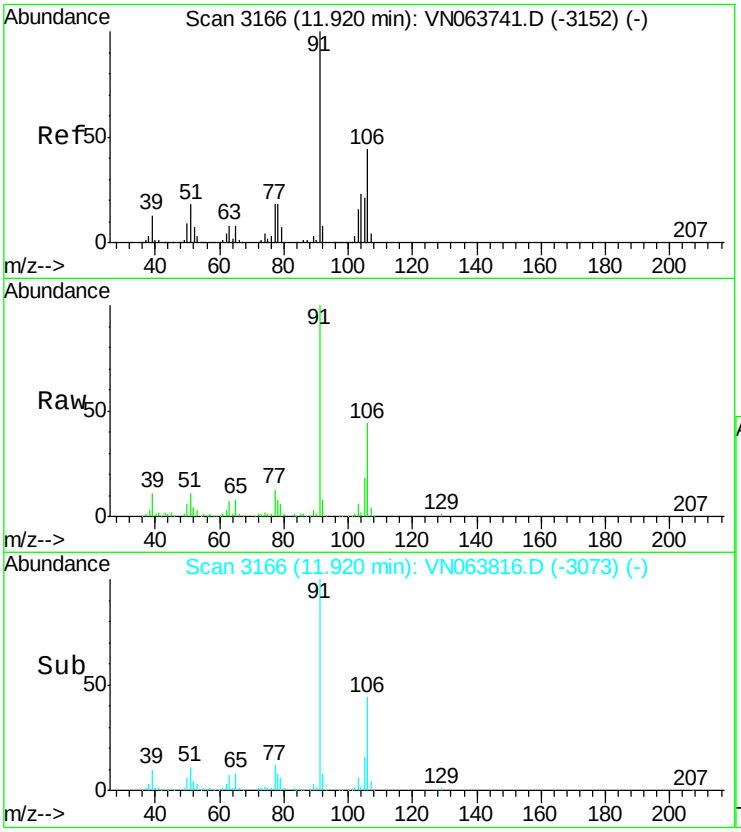


#68
m/p-Xylenes
Concen: 69.946 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion:106 Resp: 397846

Ion	Ratio	Lower	Upper
106	100		
91	215.5	168.0	252.0



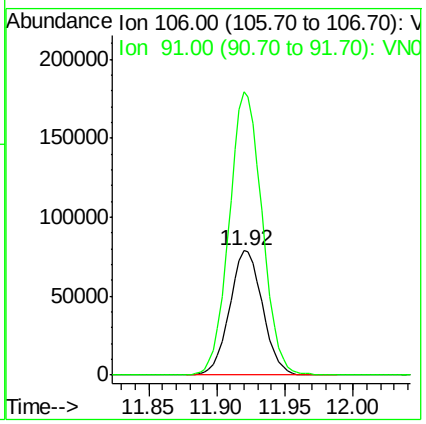


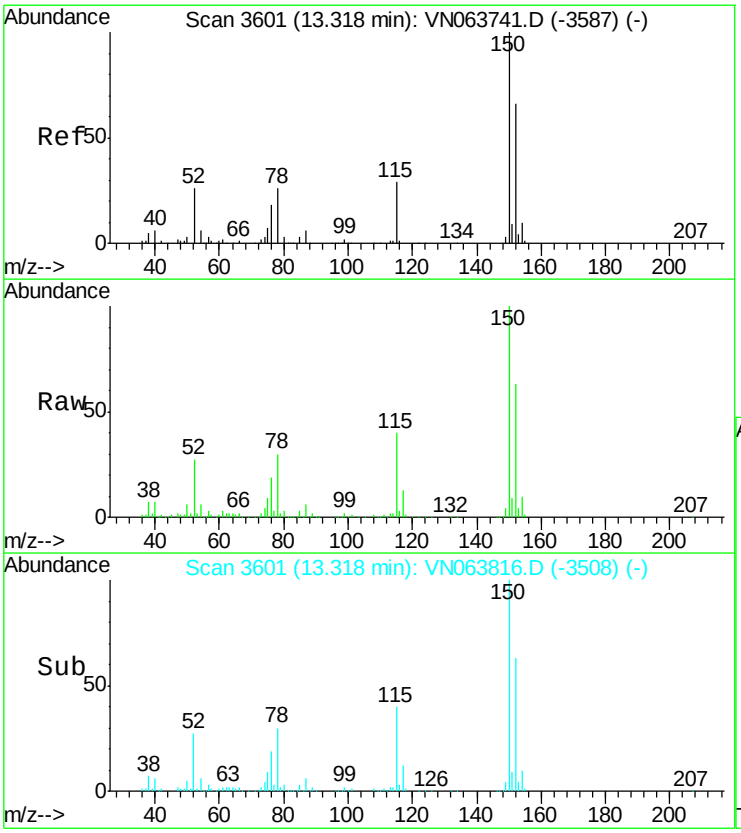
#69
o-Xylene
Concen: 24.848 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion:106 Resp: 132102

Ion	Ratio	Lower	Upper
106	100		
91	227.6	112.7	338.0

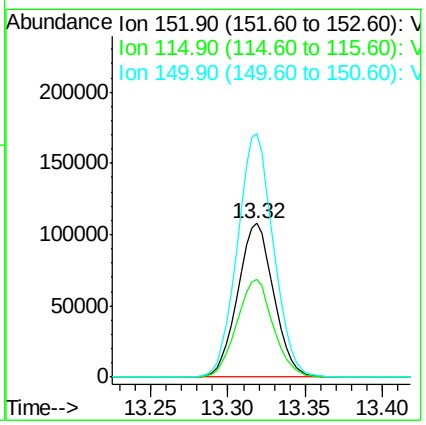


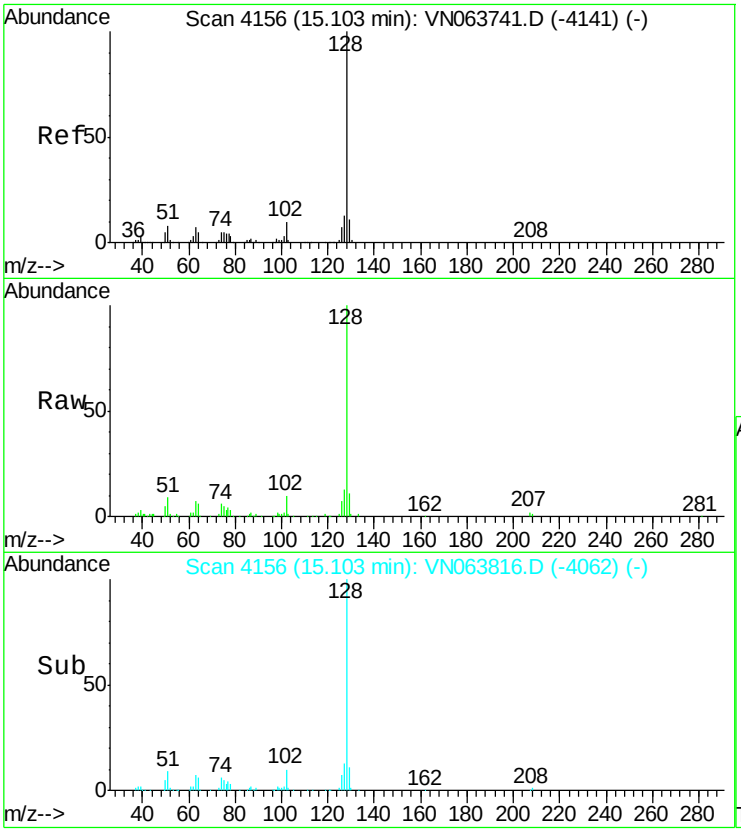


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Tgt Ion:152 Resp: 174543

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.3	93.8
150	158.6	0.0	341.8





#95
Naphthalene
Concen: 14.008 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063816.D
Acq: 2 Oct 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
32676

Tgt Ion:128 Resp: 118362

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.2	8.7	13.1