Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092320\
Data File : VN063592.D
Acq On : 23 Sep 2020 16:30
Operator : JC/MD
Sample : L4116-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : KY038PS037-200922

Quant Time: Sep 24 03:44:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	181663	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.86%			
35) Dibromofluoromethane	7.55	113	131664	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.84%			
50) Toluene-d8	10.06	98	510038	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.76%			
62) 4-Bromofluorobenzene	12.38	95	202550	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.06%			
Target Compounds						Qvalue
16) Acetone	3.78	43	6857	5.923	ug/l	91
27) cis-1,2-Dichloroethene	6.79	96	10235	3.418	ug/l	92
44) Trichloroethene	8.80	130	1229	0.424	ug/l	42
52) Toluene	10.13	92	3107	0.433	ug/l	98
68) m/p-Xylenes	11.60	106	1411	0.247	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.02	105	4253	0.380	ug/l	84

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

Quantitation Report (QT Reviewed)

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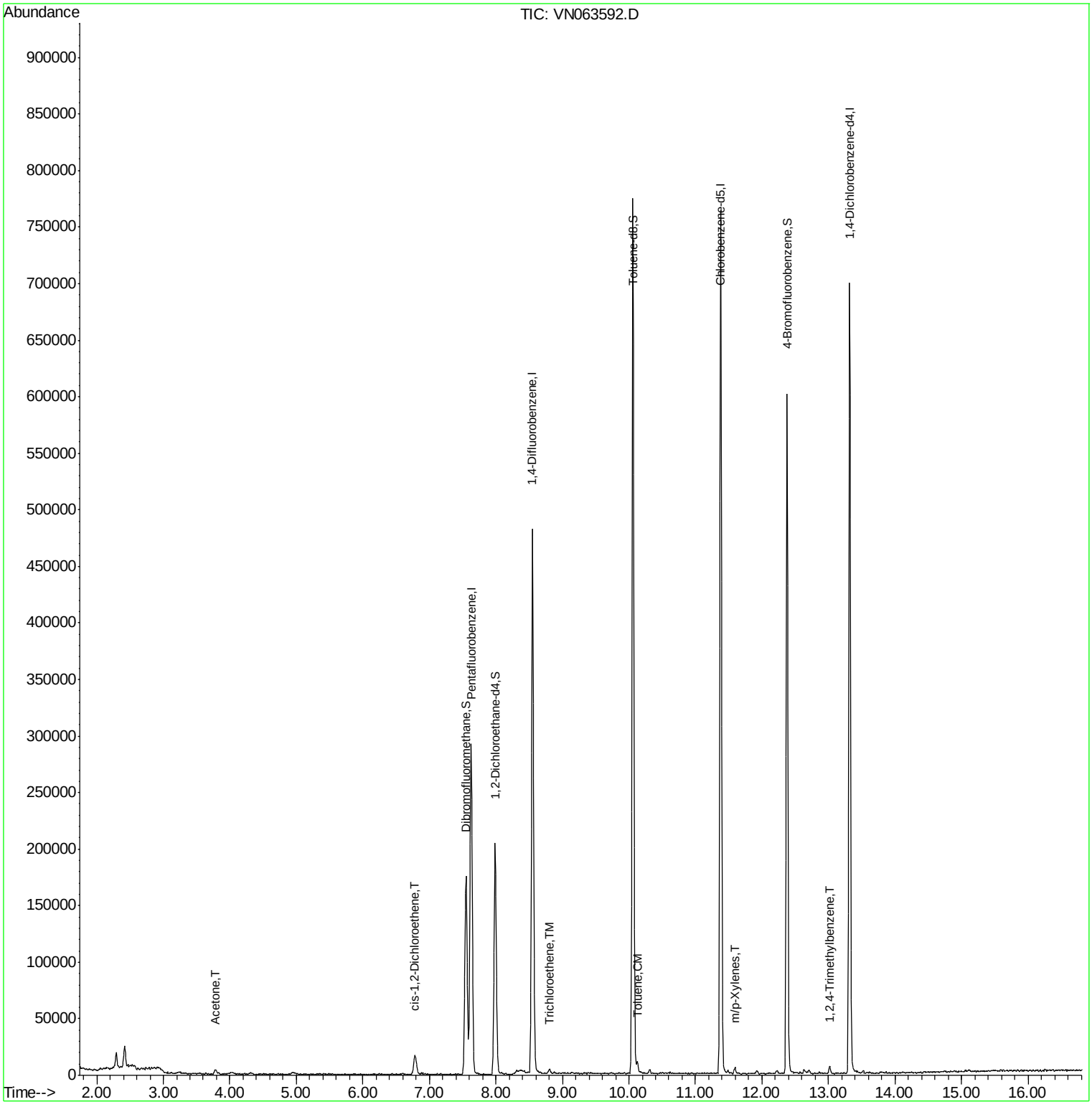
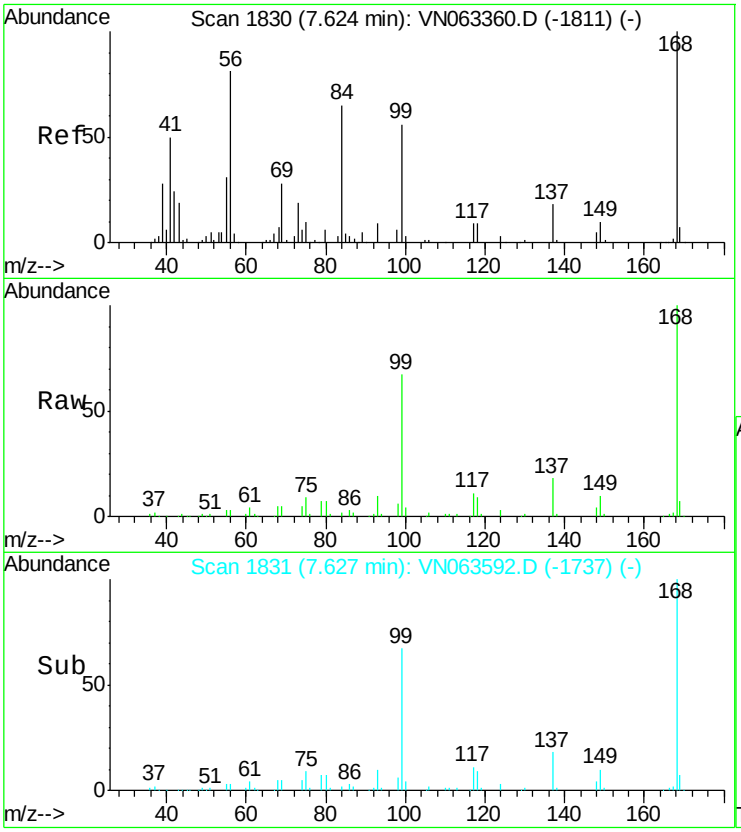


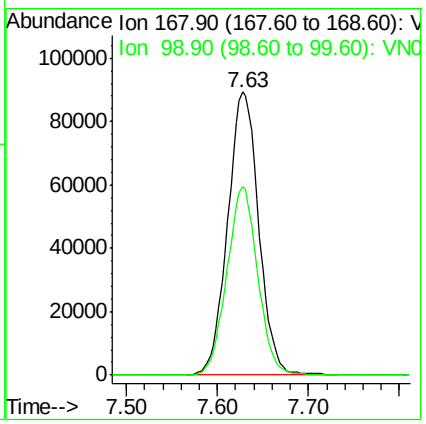


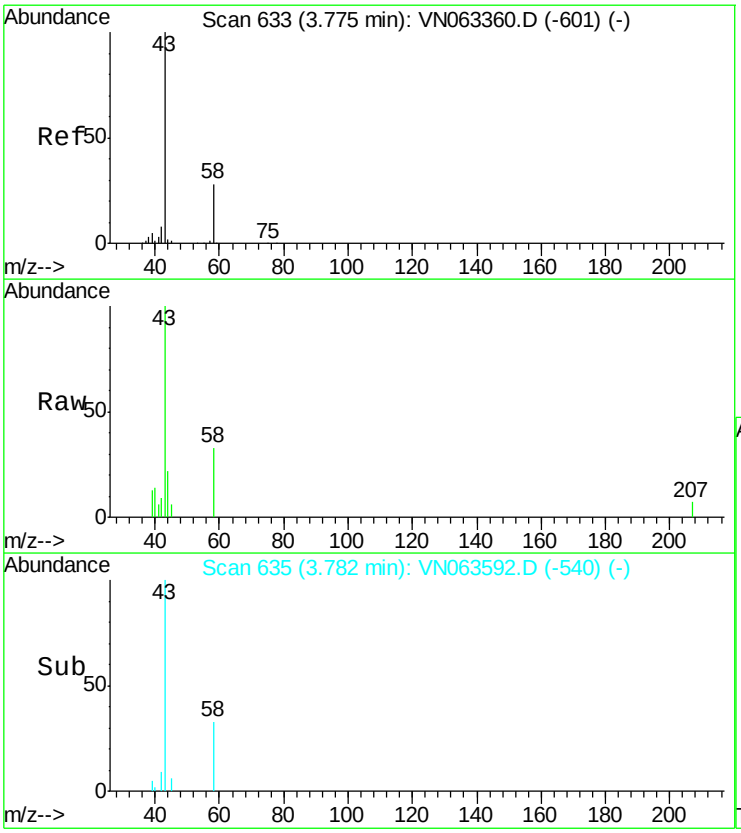
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tgt Ion:168 Resp: 211620

Ion	Ratio	Lower	Upper
168	100		
99	66.8	53.0	79.6

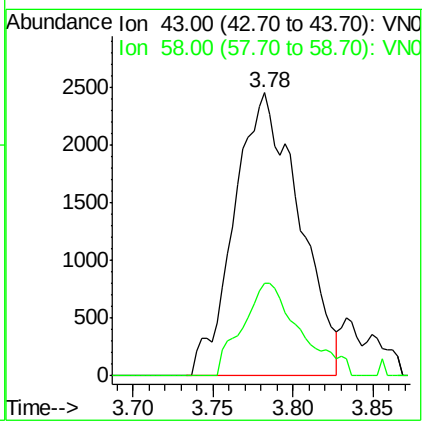


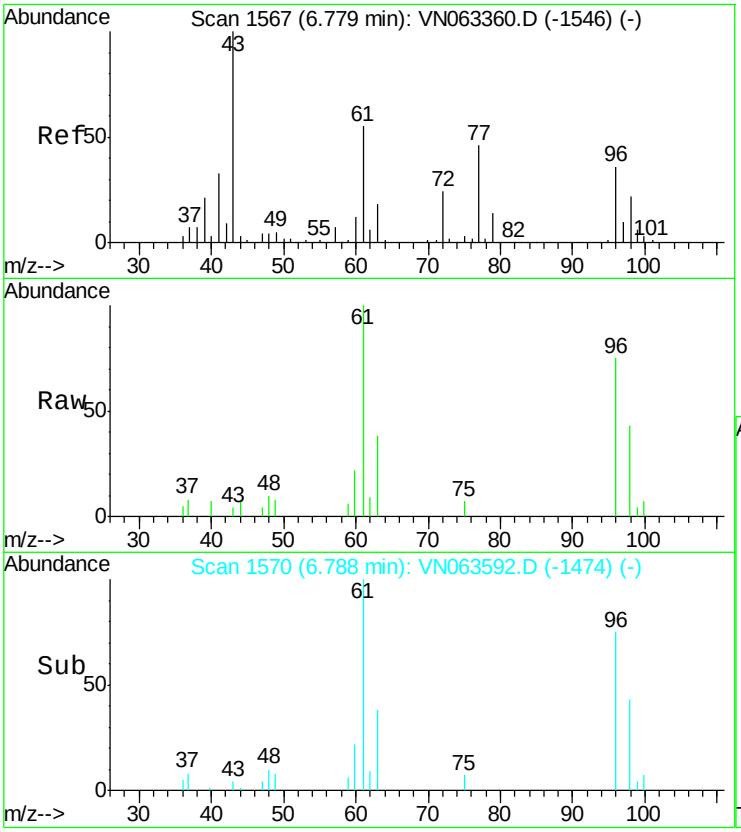


#16
Acetone
Concen: 5.923 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 43 Resp: 6857

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.3	33.5



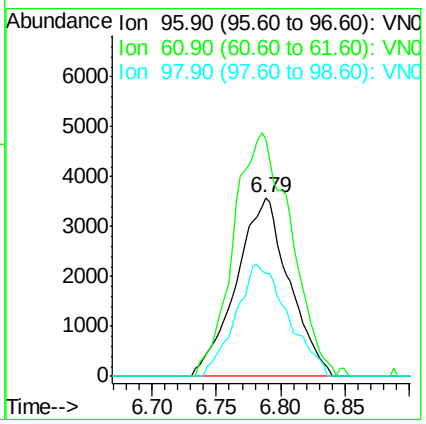


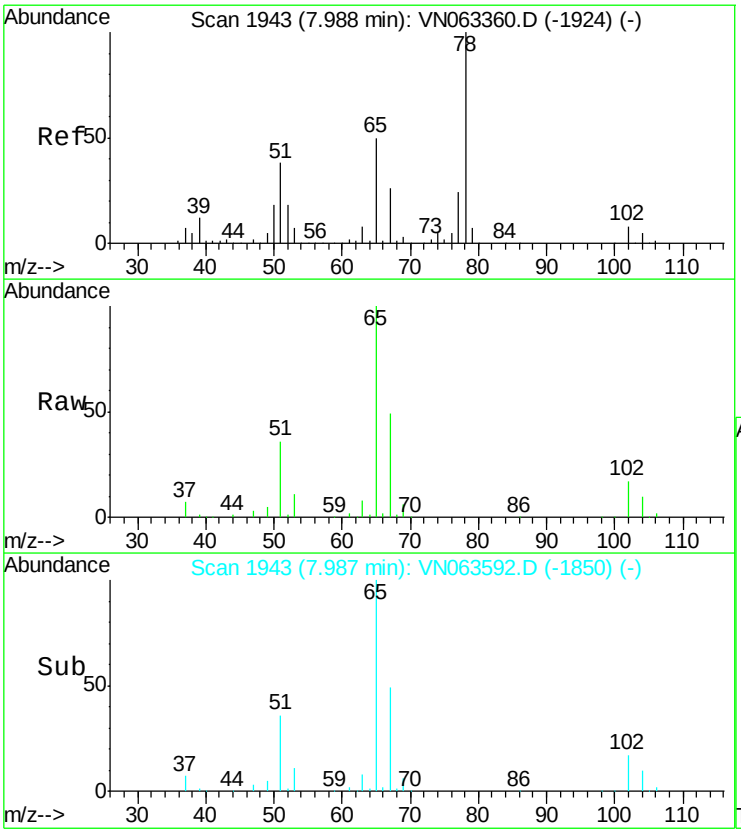
#27
cis-1,2-Dichloroethene
Concen: 3.418 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tgt Ion: 96 Resp: 10235

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	319.6
98	62.1	0.0	127.8

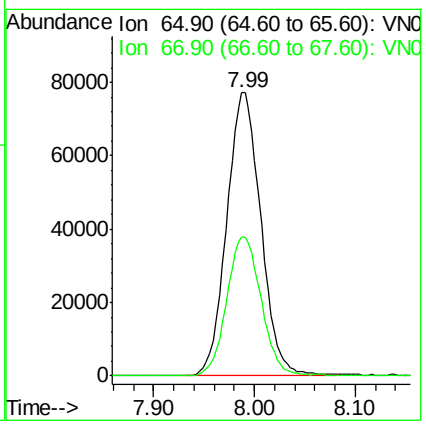


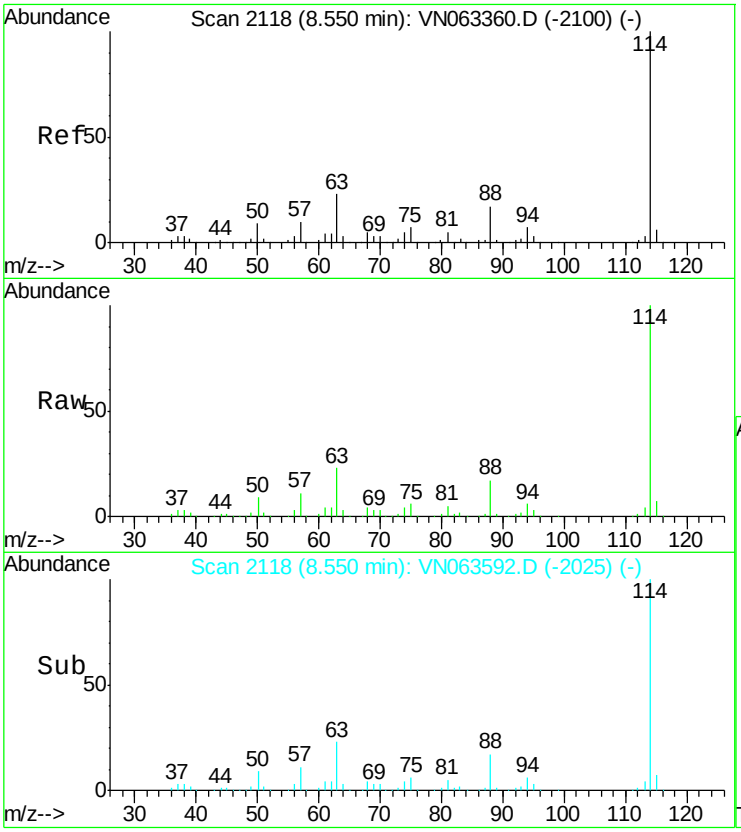


#33
1,2-Dichloroethane-d4
Concen: 50.429 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 65 Resp: 181663

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	104.2



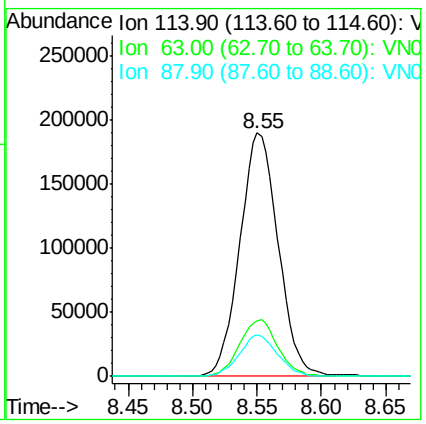


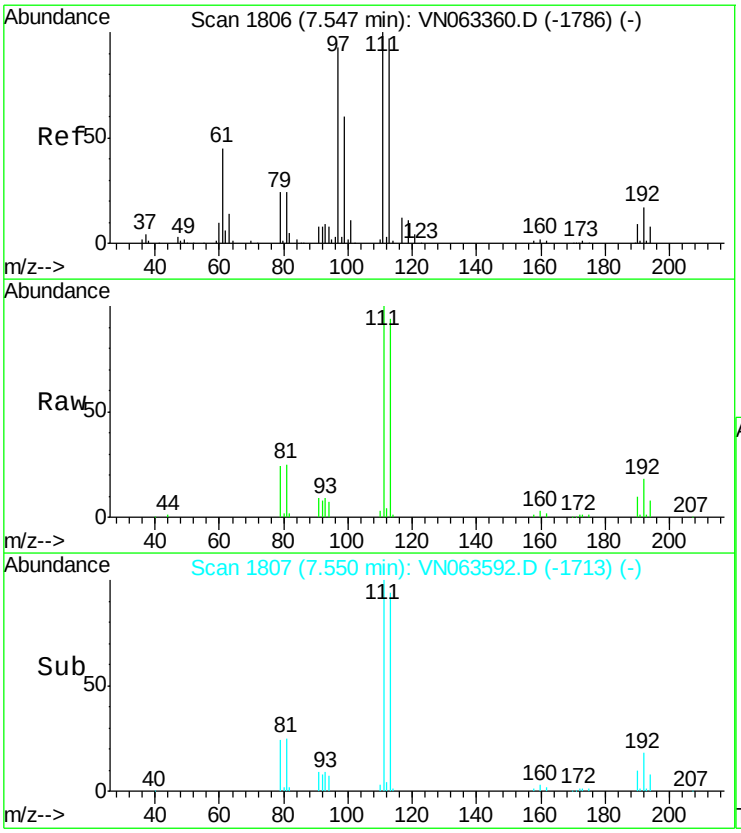
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tgt Ion:114 Resp: 392826

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.4
88	17.2	0.0	33.2

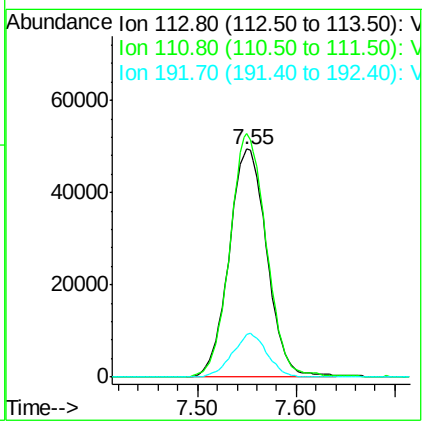


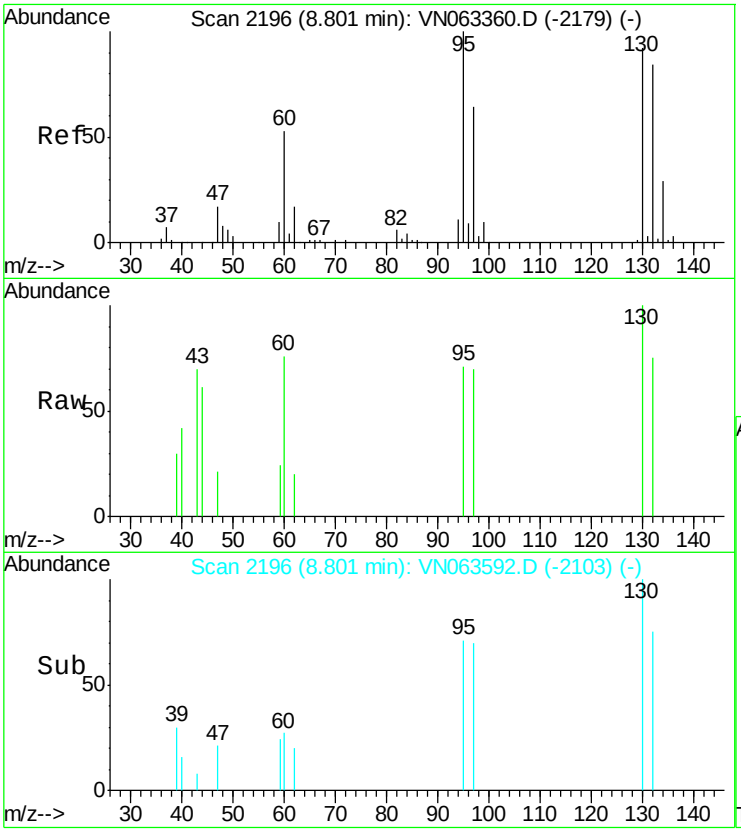


#35
Dibromofluoromethane
Concen: 48.416 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:113 Resp: 131664

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	17.4	13.9	20.9

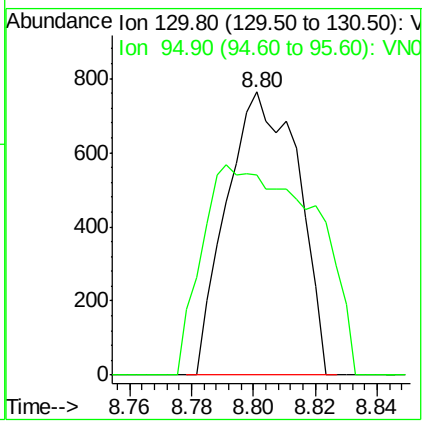




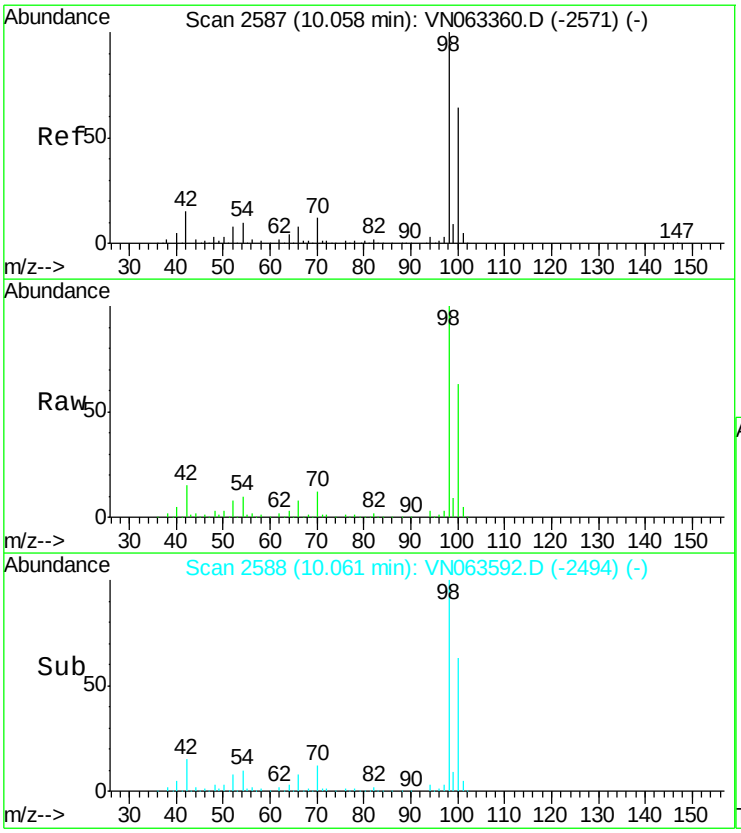
#44
Trichloroethene
Concen: 0.424 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:130 Resp: 1229

Ion	Ratio	Lower	Upper
130	100		
95	47.6	0.0	217.4



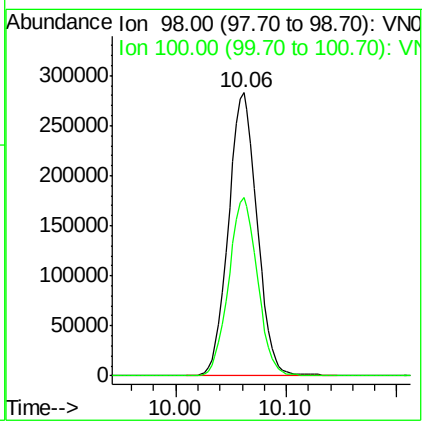
Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

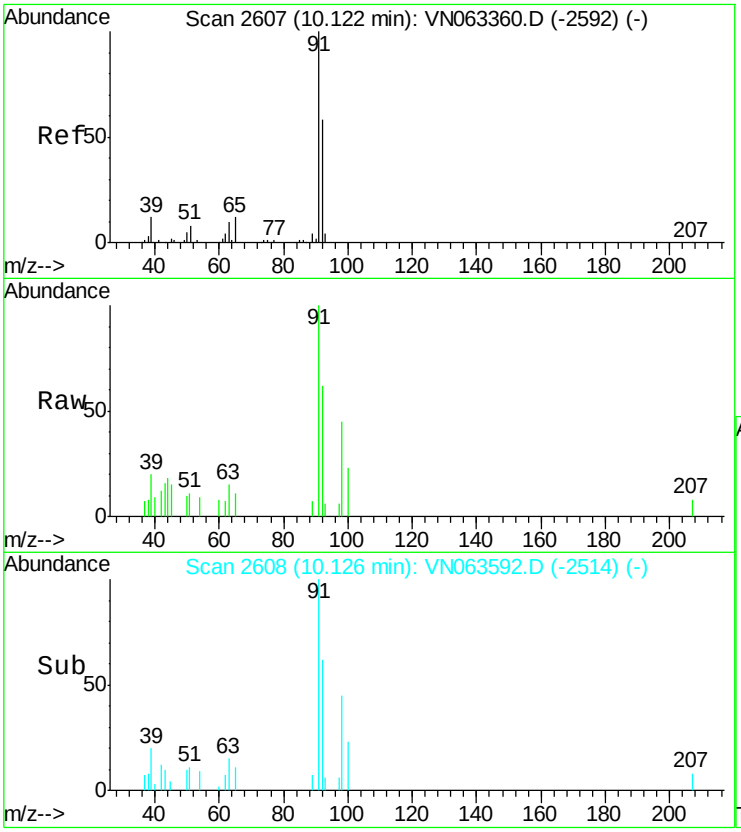


#50
Toluene-d8
Concen: 49.878 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 98 Resp: 510038

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.7	76.1



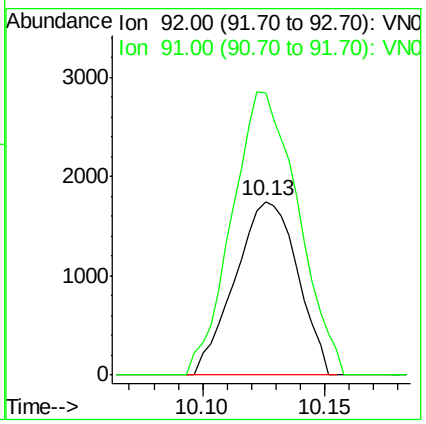


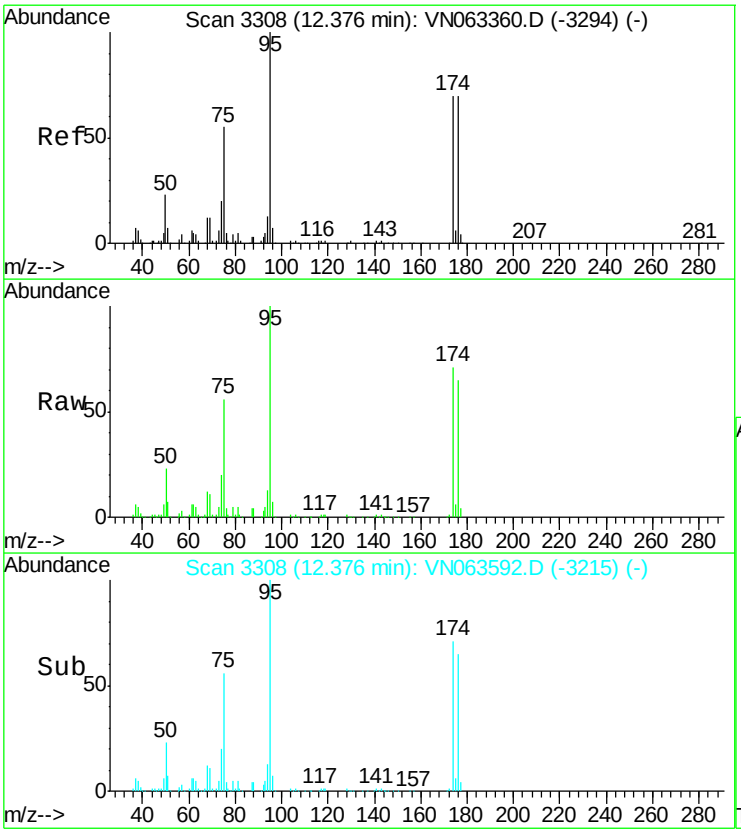
#52
Toluene
Concen: 0.433 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tgt Ion: 92 Resp: 3107

Ion	Ratio	Lower	Upper
92	100		
91	172.5	139.7	209.5

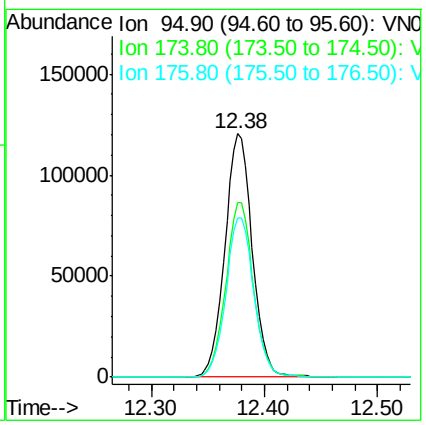


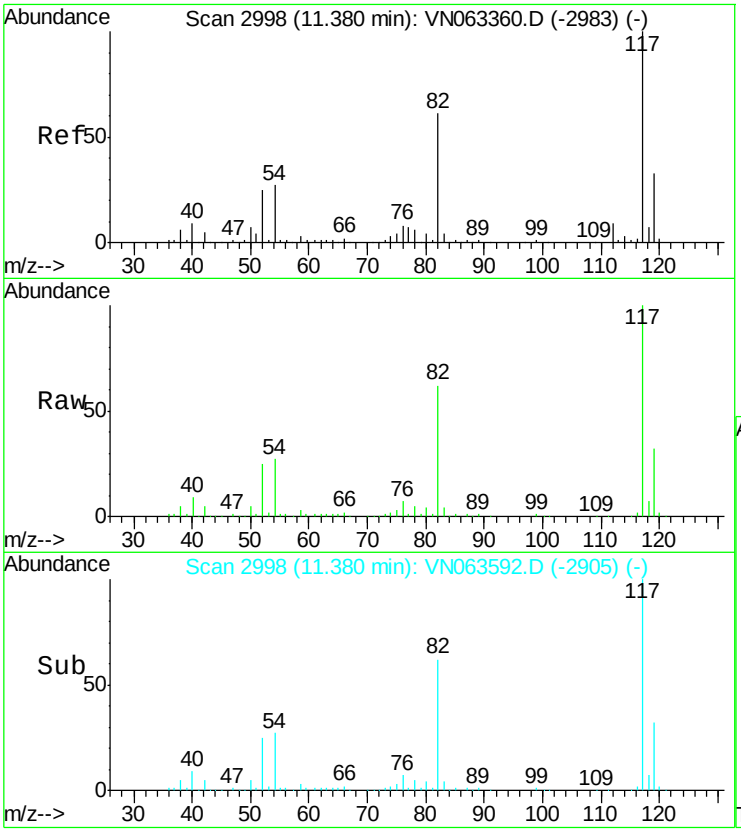


#62
4-Bromofluorobenzene
Concen: 54.035 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion: 95 Resp: 202550

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	140.8
176	66.6	0.0	137.6



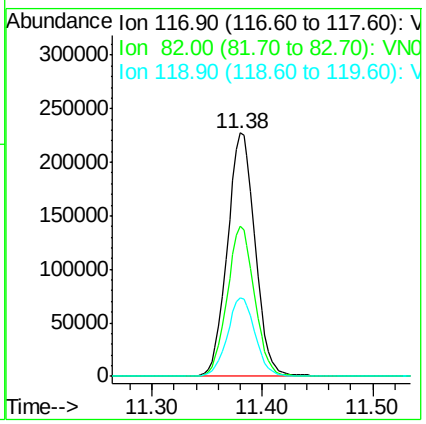


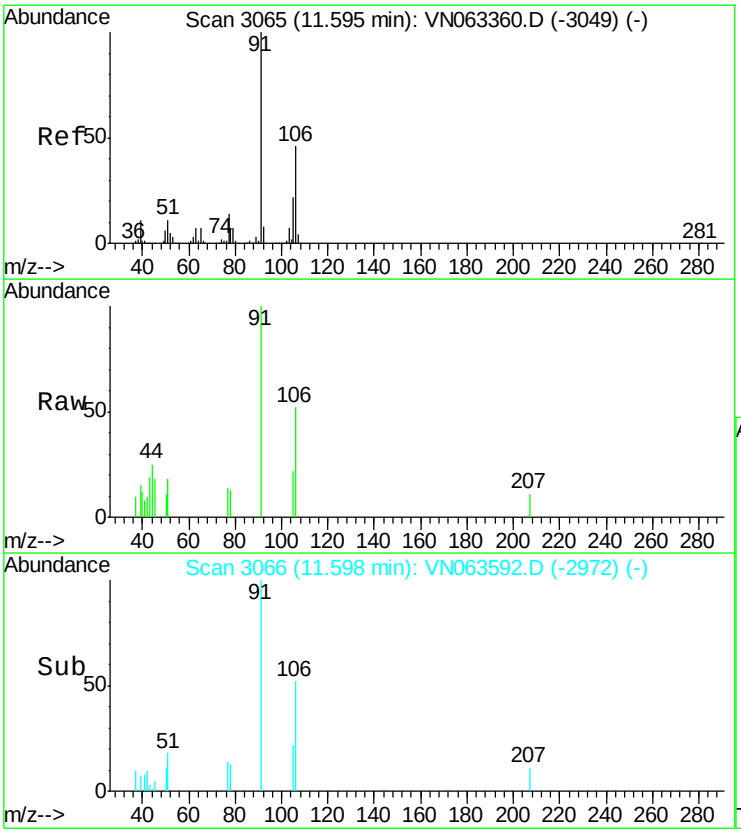
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument : MSVOA_N
ClientSampleId : KY038PS037-200922

Tgt Ion:117 Resp: 397034

Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.2	73.8
119	32.1	26.2	39.4

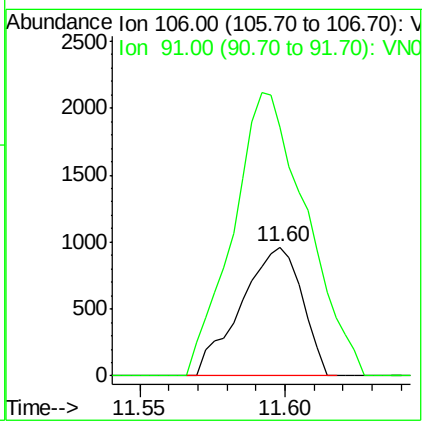


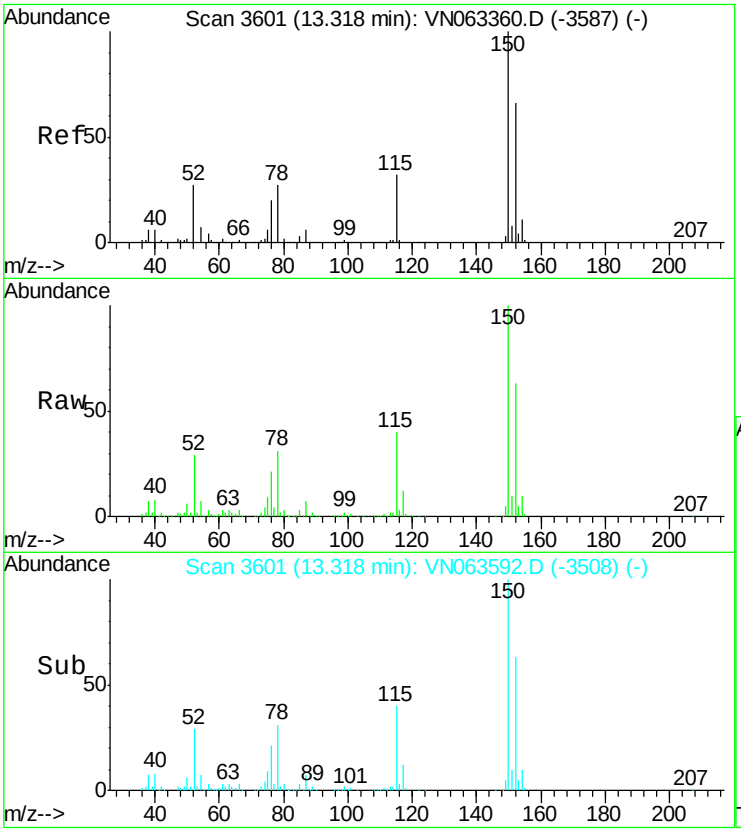


#68
m/p-Xylenes
Concen: 0.247 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:106 Resp: 1411

Ion	Ratio	Lower	Upper
106	100		
91	264.1	171.2	256.8#



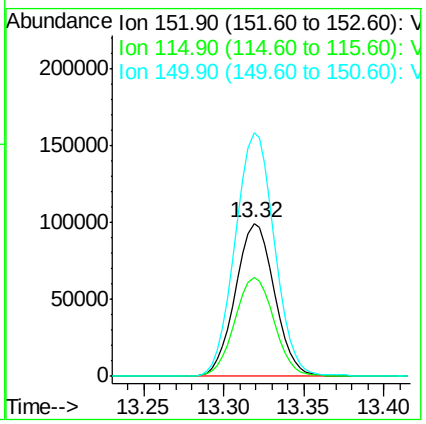


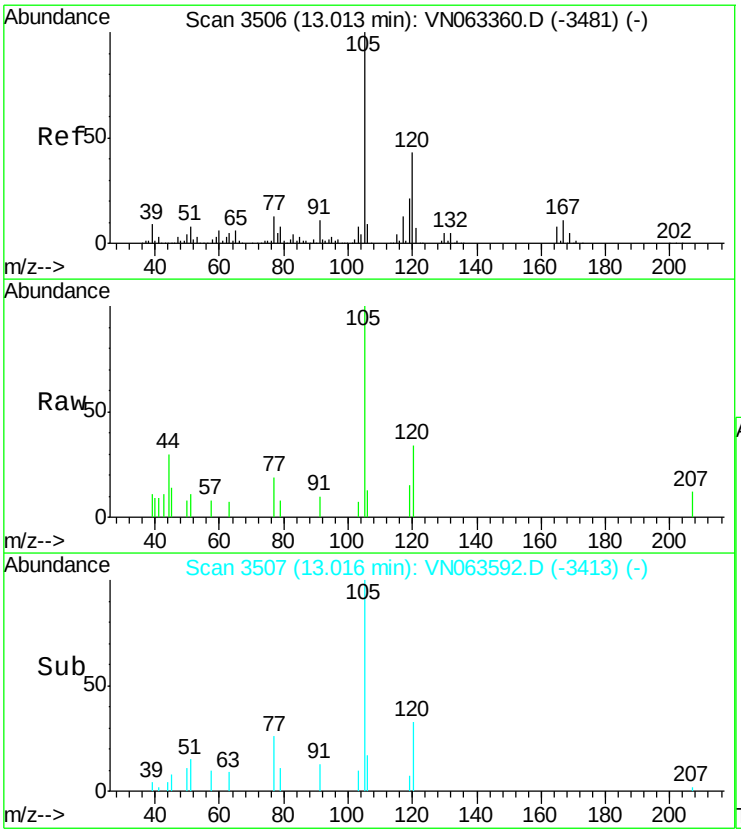
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Instrument :
MSVOA_N
ClientSampleId :
KY038PS037-200922

Tgt Ion:152 Resp: 165699

Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.2	96.6
150	160.5	0.0	343.4





#84
1,2,4-Trimethylbenzene
Concen: 0.380 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063592.D
Acq: 23 Sep 2020 16:30

Tgt Ion:105 Resp: 4253

Ion	Ratio	Lower	Upper
105	100		
120	32.4	21.3	63.9