Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058022.D
Acq On : 13 Sep 2019 17:33
Operator : JC/SP
Sample : K4859-03RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IDW-GW200-B4-091119RE

Quant Time: Sep 14 04:11:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	513877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	461669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	331994	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.20%			
35) Dibromofluoromethane	7.58	113	11177	2.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 4.72%			
50) Toluene-d8	10.09	98	895111	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
62) 4-Bromofluorobenzene	12.41	95	291130	41.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.98%			
Target Compounds						Qvalue
16) Acetone	3.80	43	55557	27.618	ug/l	99
25) 2-Butanone	6.83	43	5404	1.856	ug/l #	89
30) Chloroform	7.36	83	110041	13.007	ug/l	99
44) Trichloroethene	8.83	130	1500	0.341	ug/l	66
52) Toluene	10.15	92	8802	0.779	ug/l	93
64) Tetrachloroethene	10.63	164	15190	4.456	ug/l	96
67) Ethyl Benzene	11.52	91	8787	0.415	ug/l	95
68) m/p-Xylenes	11.62	106	6379	0.822	ug/l	94
69) o-Xylene	11.95	106	16670	2.162	ug/l	89
95) Naphthalene	15.13	128	47138	1.823	ug/l	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
Data File : VN058022.D
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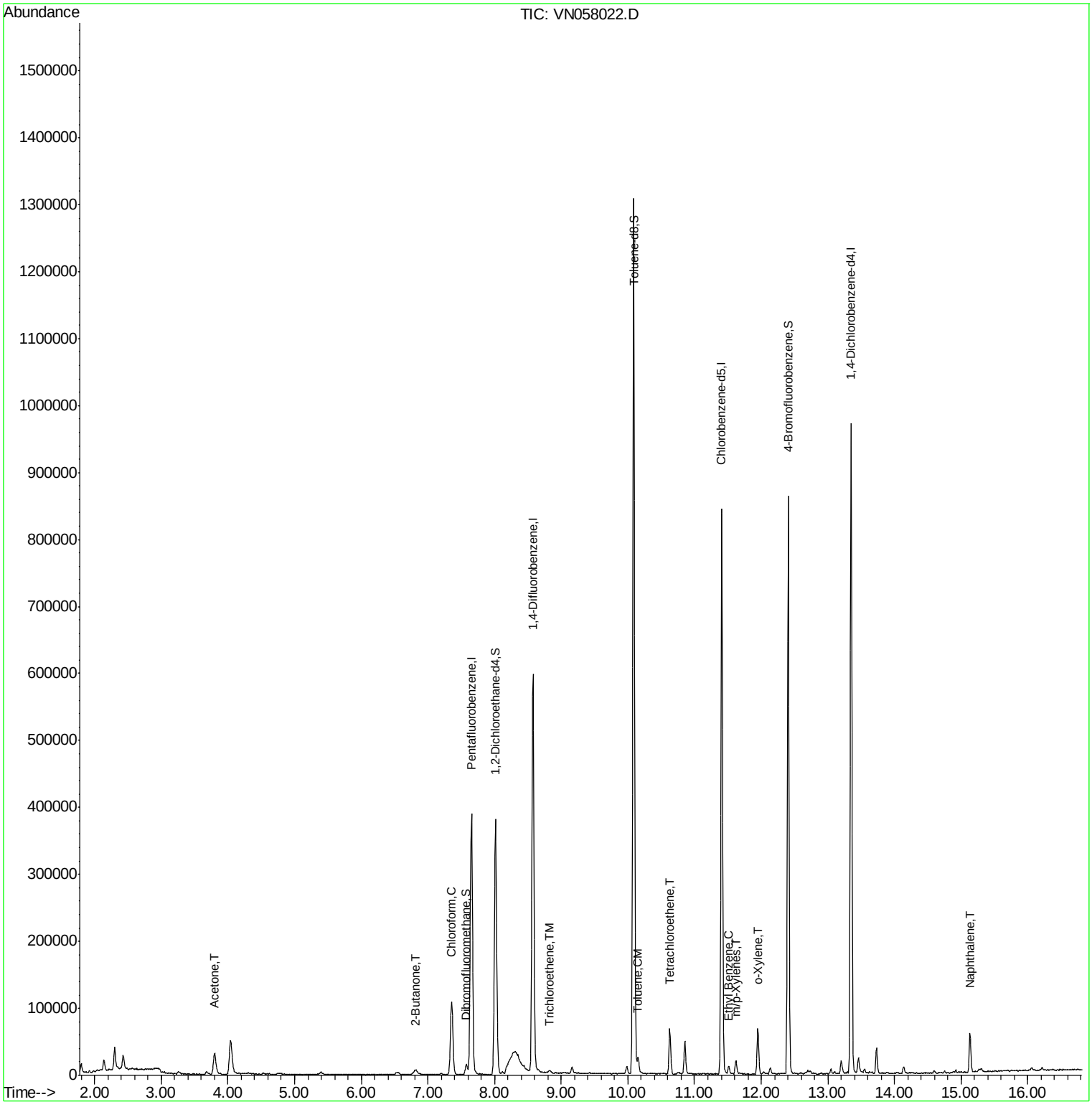
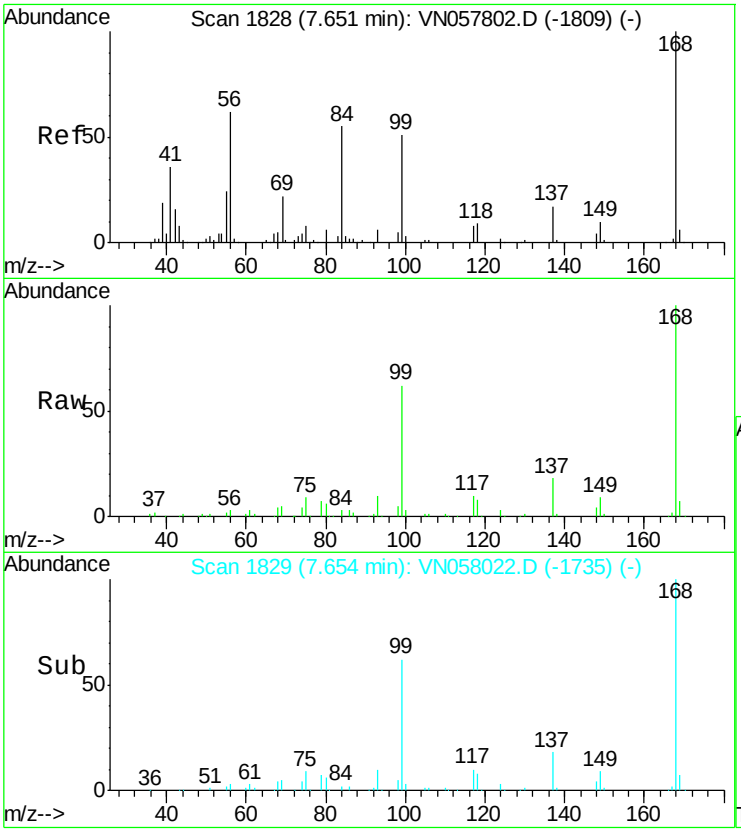
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Quant Time: Sep 14 04:11:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration



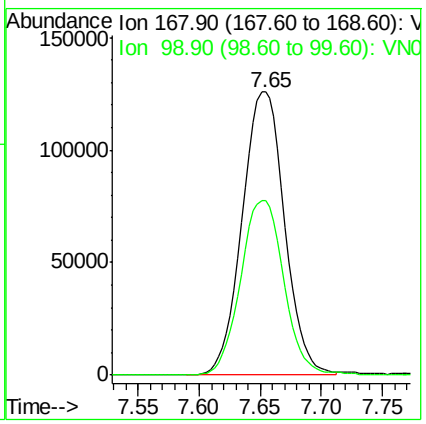


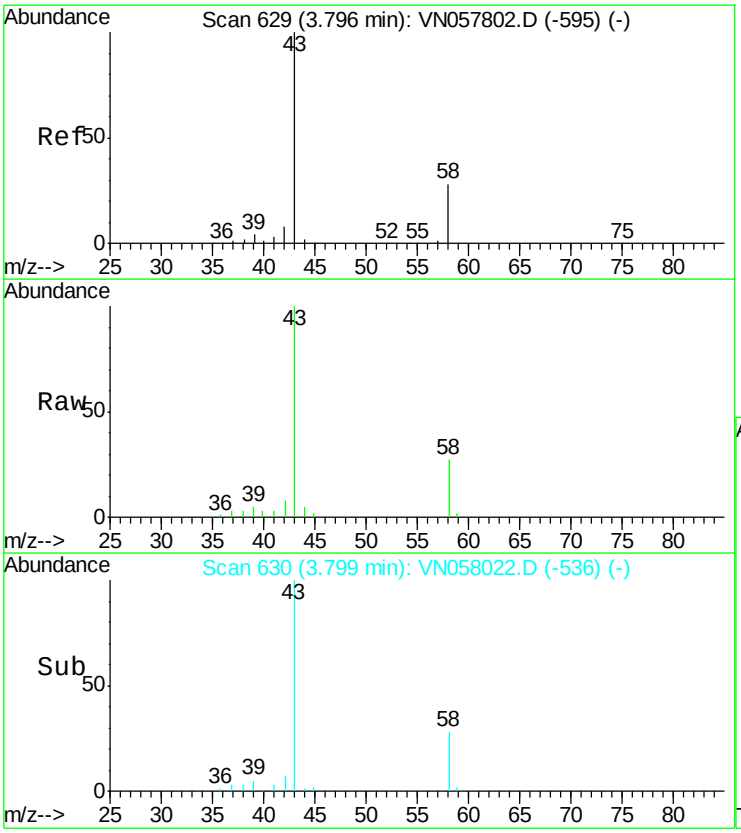
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion:168 Resp: 302964

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.0	72.0

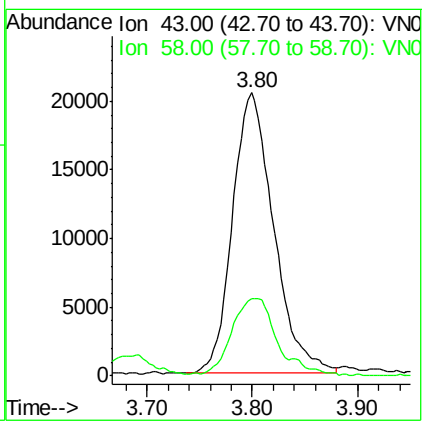


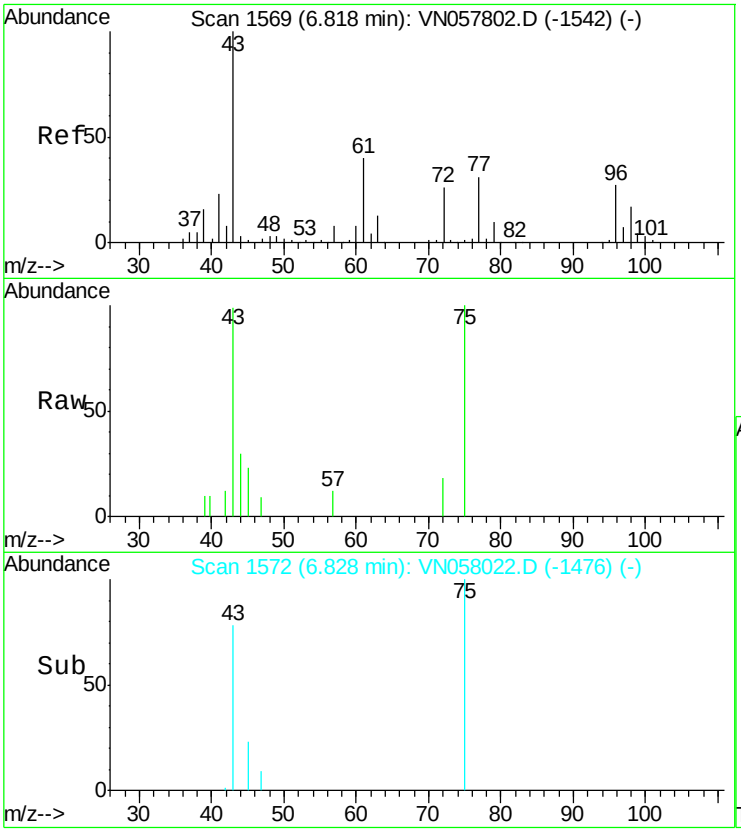


#16
Acetone
Concen: 27.618 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion: 43 Resp: 55557

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.2	33.2



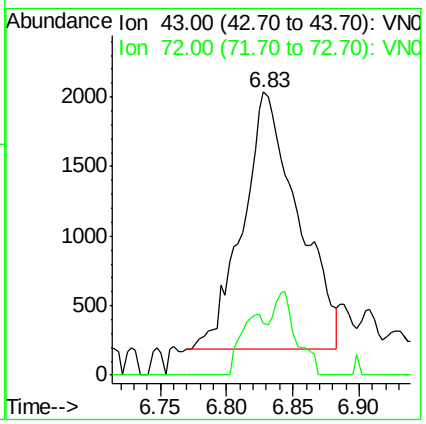


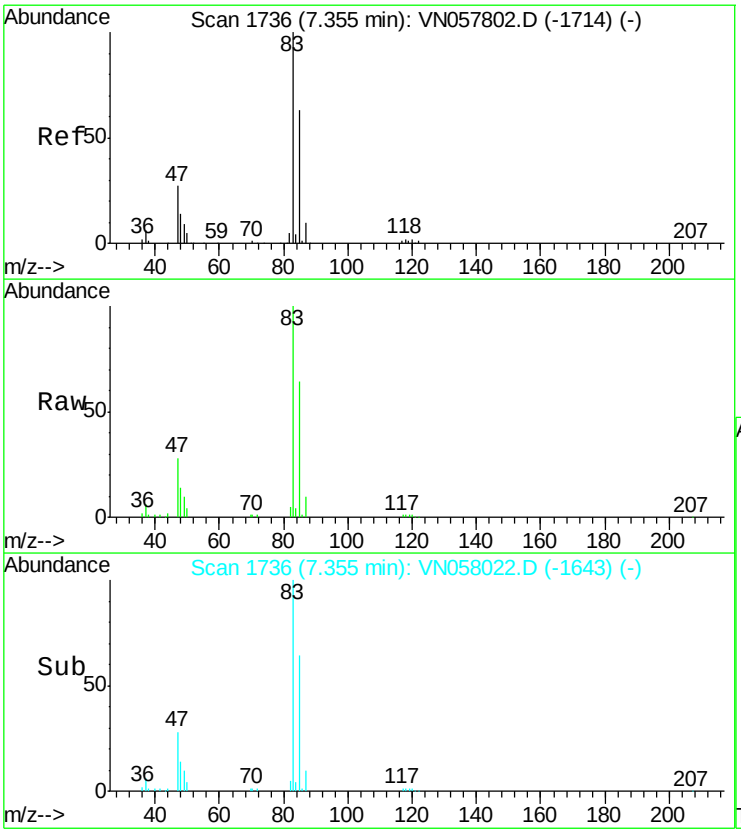
#25
2-Butanone
Concen: 1.856 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion: 43 Resp: 5404

Ion	Ratio	Lower	Upper
43	100		
72	20.3	20.6	30.8#

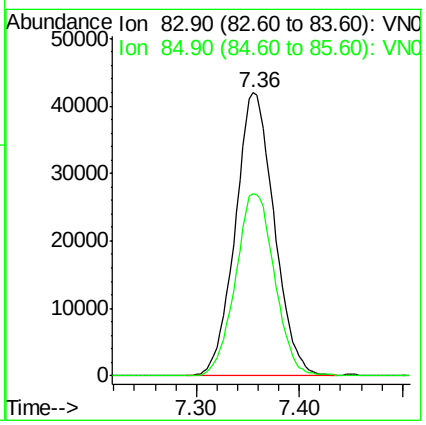


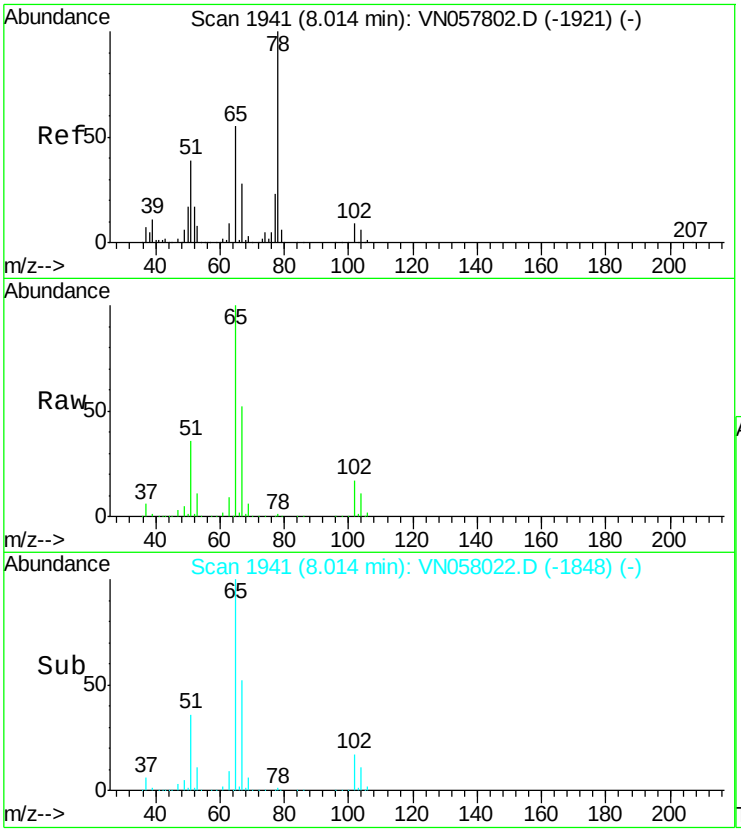


#30
Chloroform
Concen: 13.007 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion: 83 Resp: 110041

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	75.8



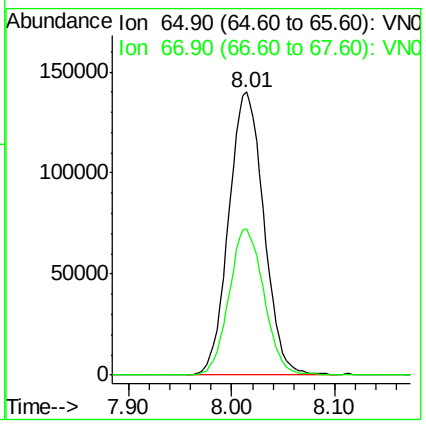


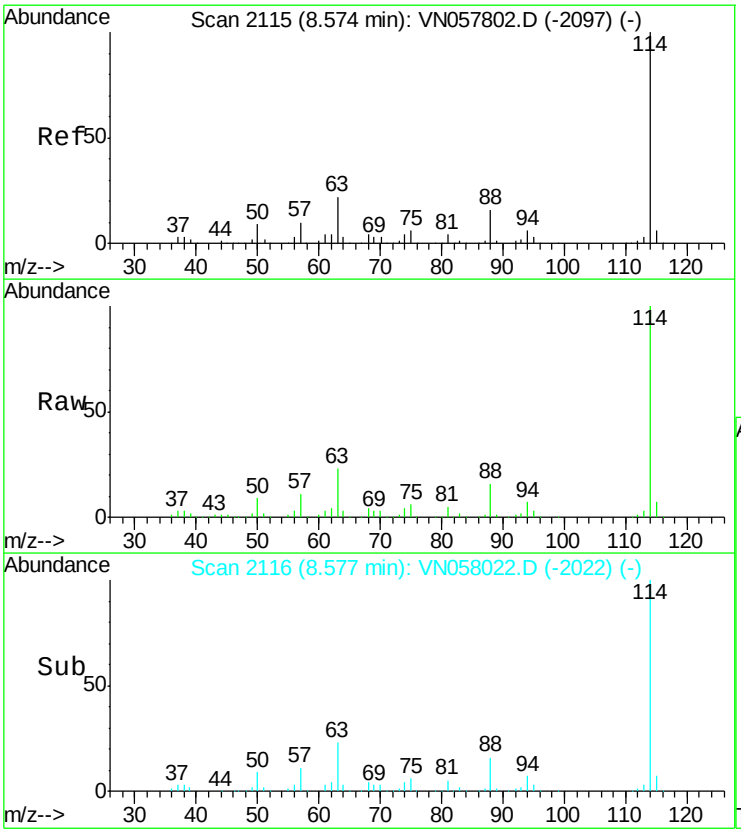
#33
1,2-Dichloroethane-d4
Concen: 54.103 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion: 65 Resp: 331994

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

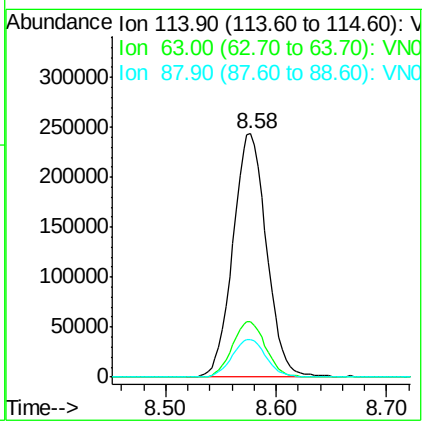


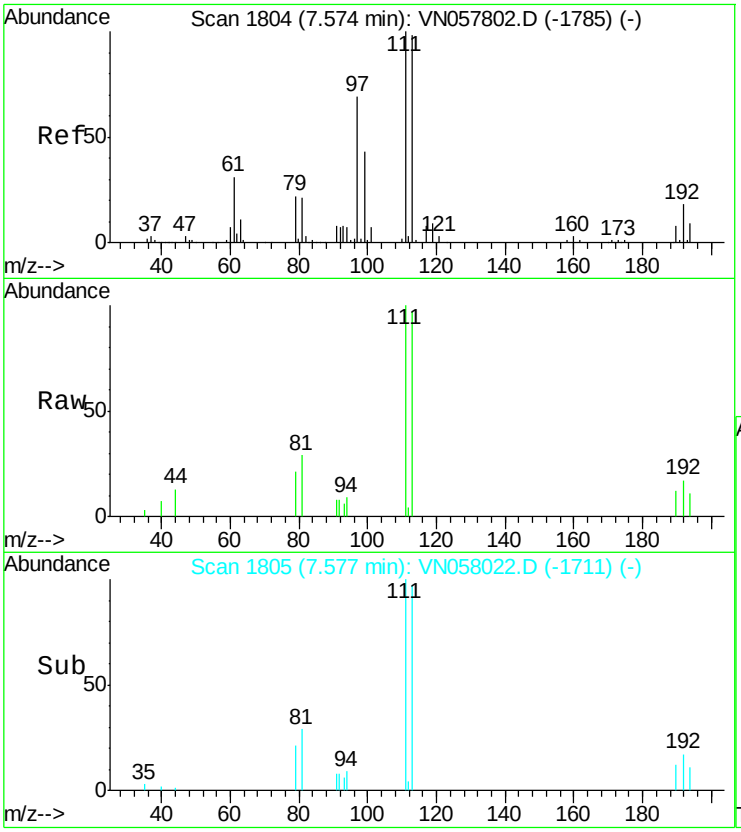


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion:114 Resp: 513877

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	15.7	0.0	31.4



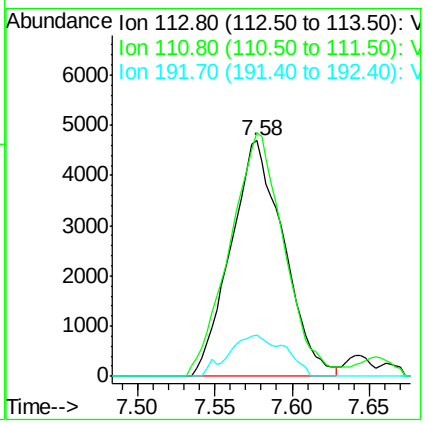


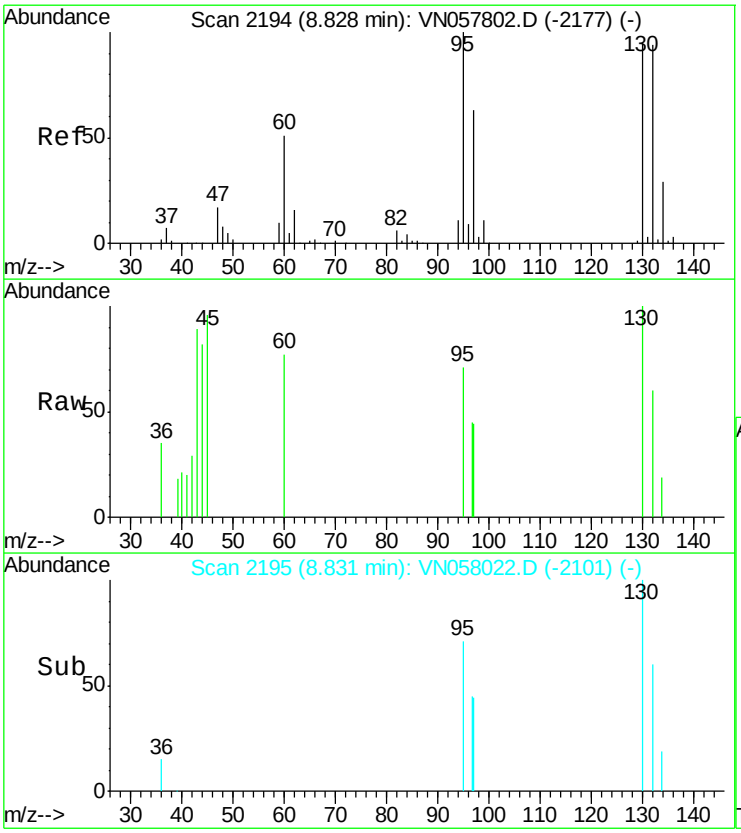
#35
Dibromofluoromethane
Concen: 2.357 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion:113 Resp: 11177

Ion	Ratio	Lower	Upper
113	100		
111	106.1	81.3	121.9
192	18.4	14.6	22.0

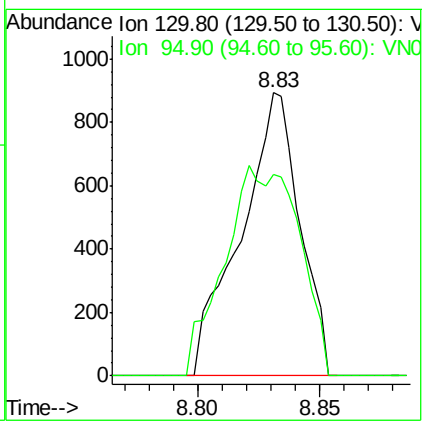


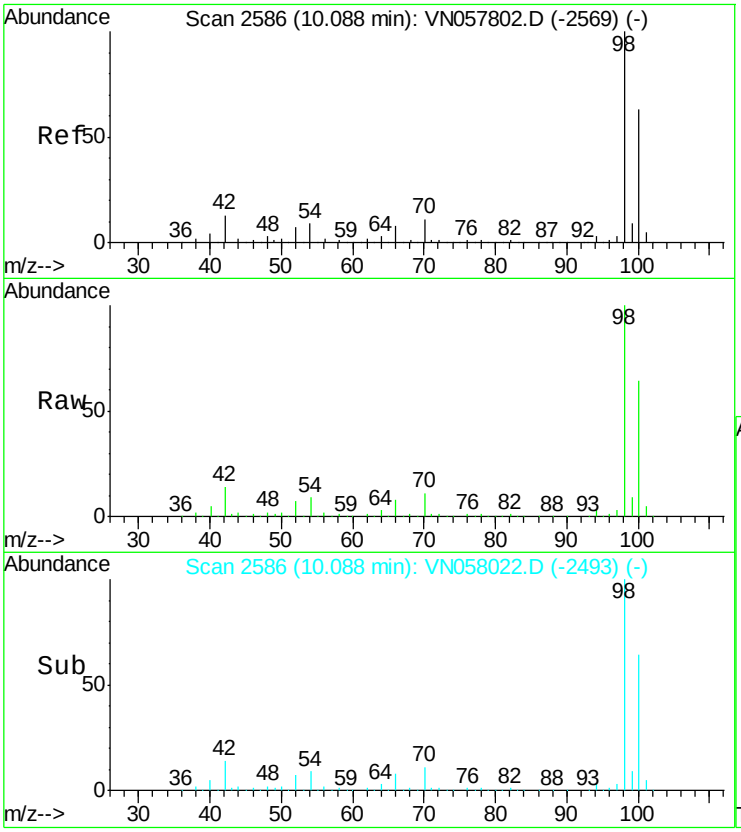


#44
Trichloroethene
Concen: 0.341 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion:130 Resp: 1500

Ion	Ratio	Lower	Upper
130	100		
95	71.0	0.0	211.4



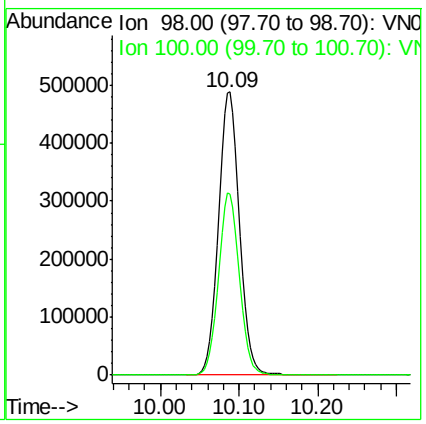


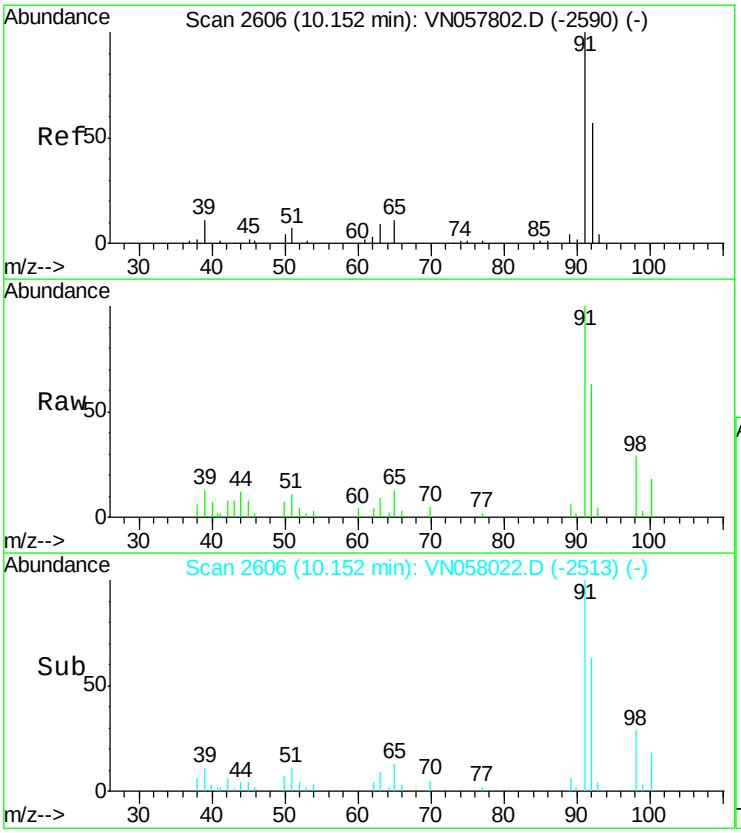
#50
Toluene-d8
Concen: 48.609 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion: 98 Resp: 895111

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.3	75.5

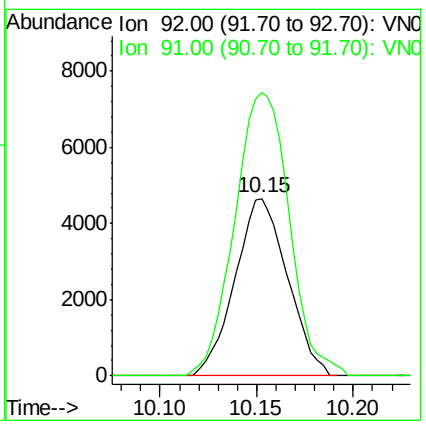


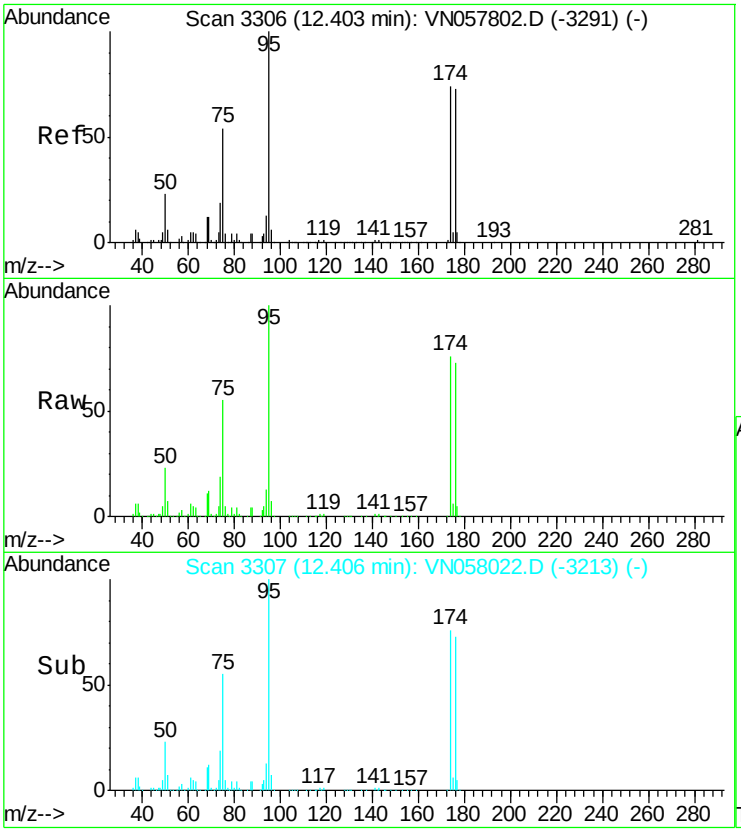


#52
Toluene
Concen: 0.779 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion: 92 Resp: 8802

Ion	Ratio	Lower	Upper
92	100		
91	165.8	141.0	211.6



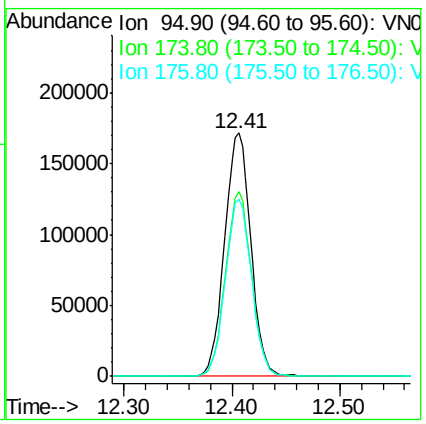


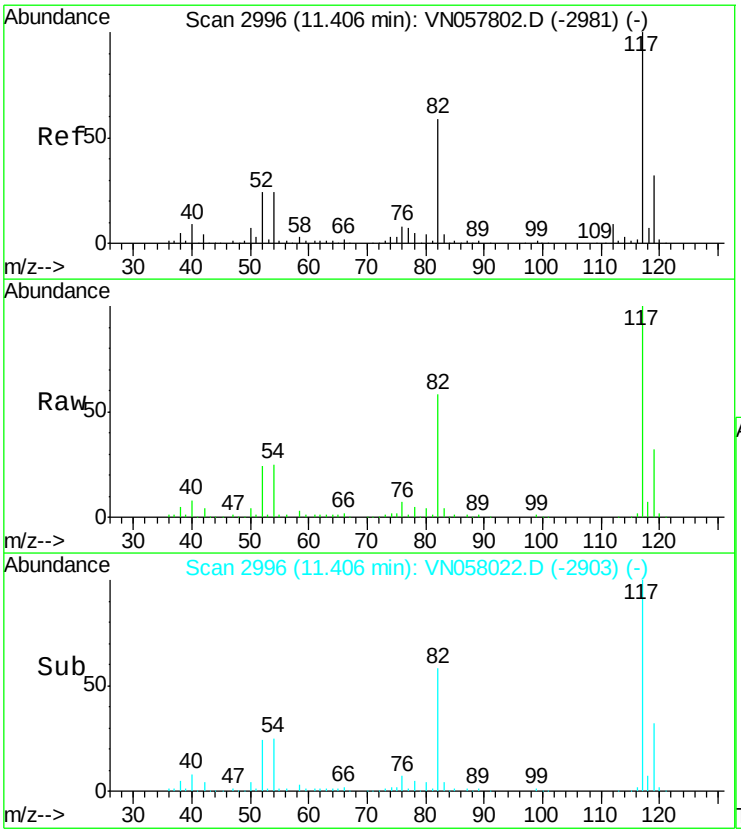
#62
4-Bromofluorobenzene
Concen: 41.486 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion: 95 Resp: 291130

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	150.2
176	72.6	0.0	146.0

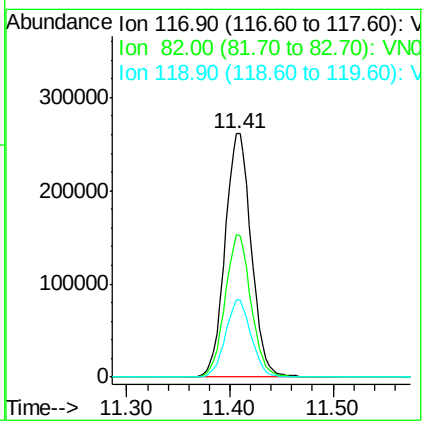


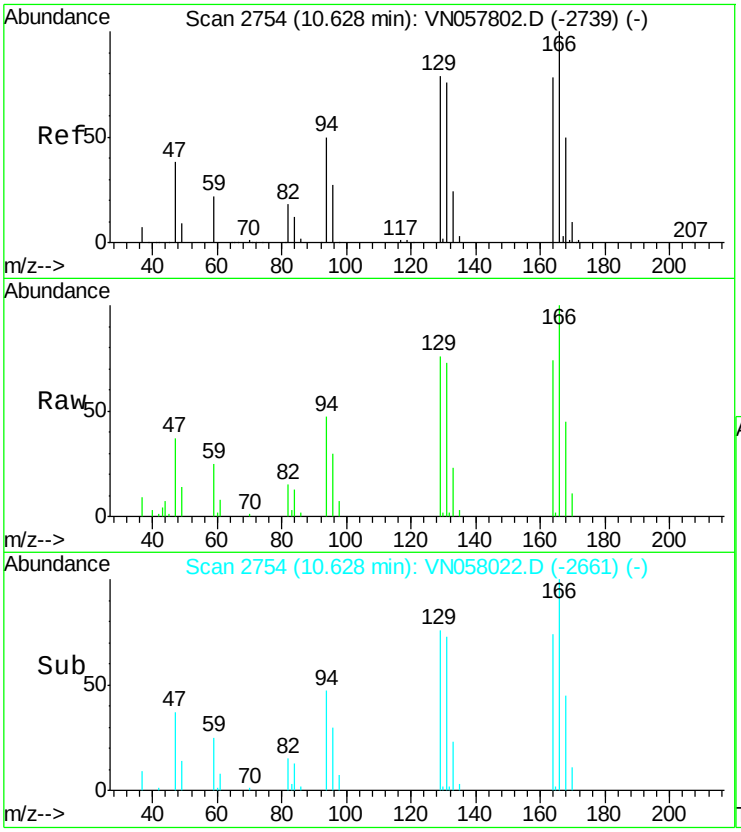


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion:117 Resp: 461669

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.2	70.8
119	31.7	25.3	37.9



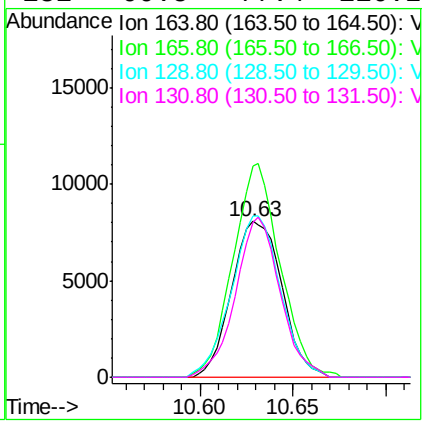


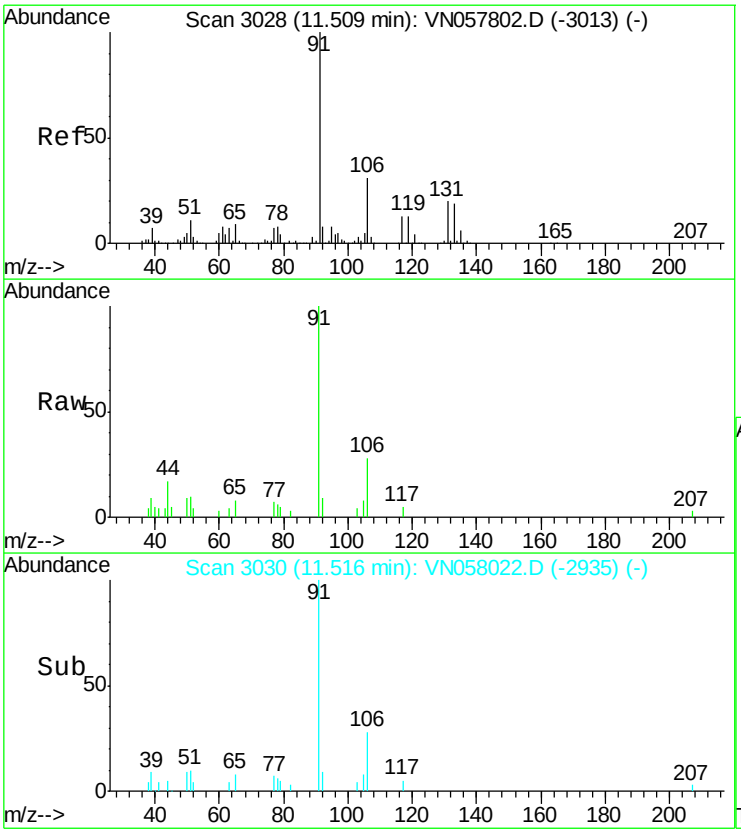
#64
Tetrachloroethene
Concen: 4.456 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion:164 Resp: 15190

Ion	Ratio	Lower	Upper
164	100		
166	136.0	102.2	153.2
129	103.4	80.8	121.2
131	99.5	77.4	116.2

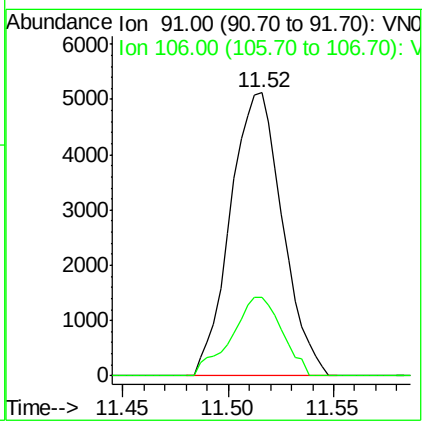


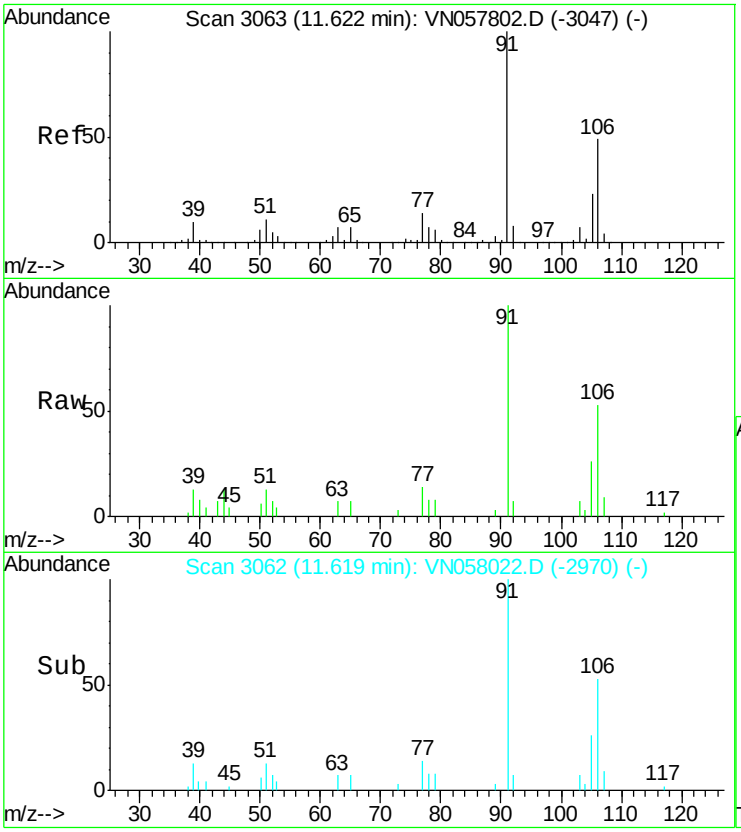


#67
Ethyl Benzene
Concen: 0.415 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.01 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion: 91 Resp: 8787

Ion	Ratio	Lower	Upper
91	100		
106	27.8	24.4	36.6



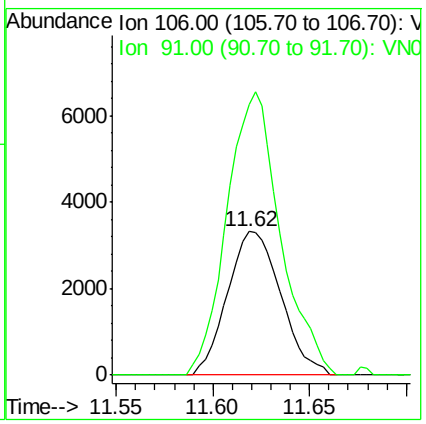


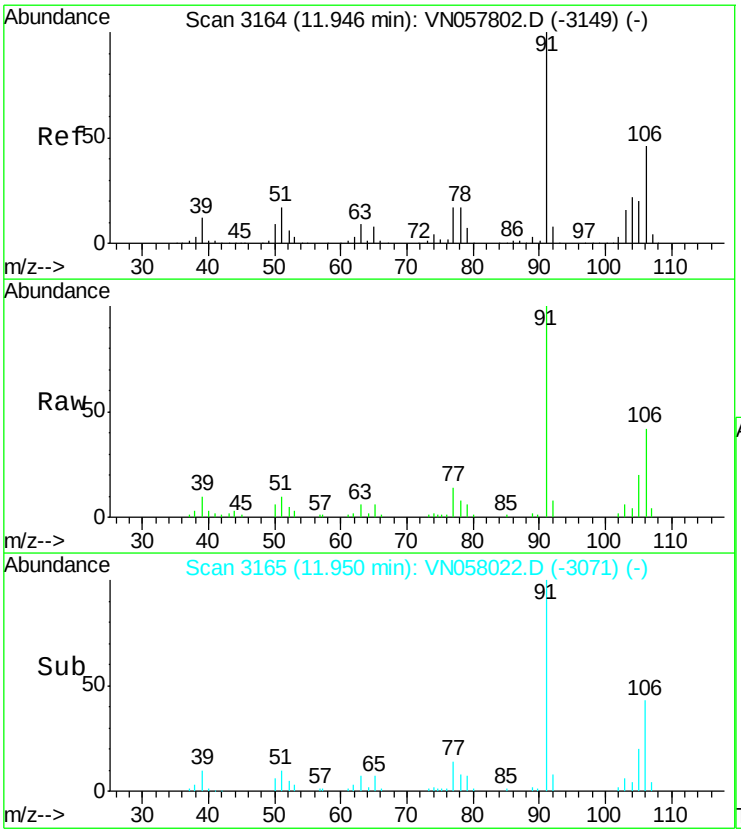
#68
m/p-Xylenes
Concen: 0.822 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion:106 Resp: 6379

Ion	Ratio	Lower	Upper
106	100		
91	197.4	165.8	248.6

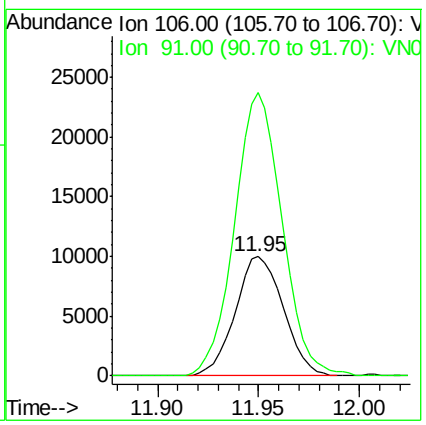


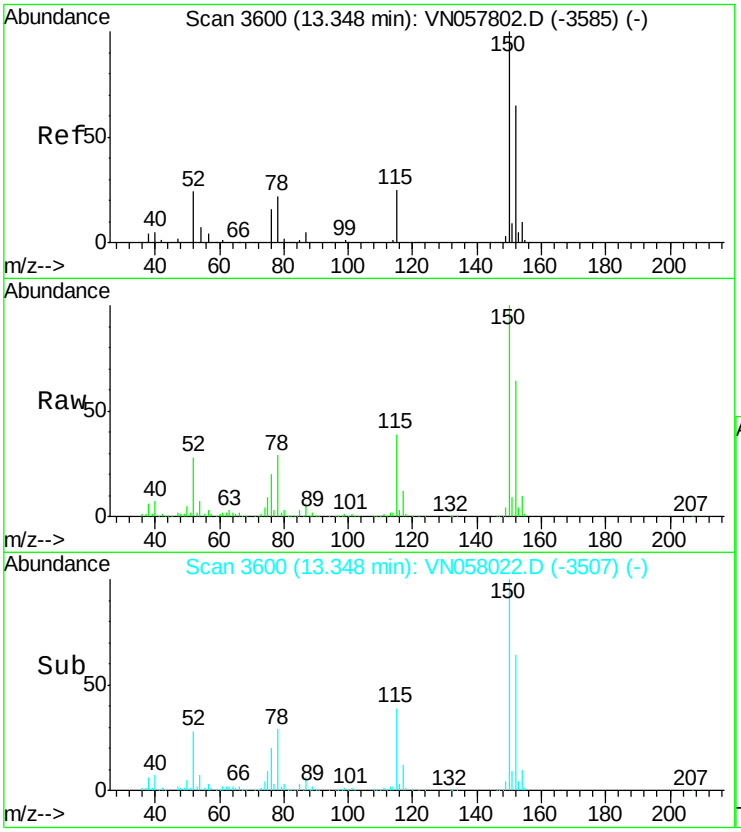


#69
o-Xylene
Concen: 2.162 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion:106 Resp: 16670

Ion	Ratio	Lower	Upper
106	100		
91	234.6	108.7	326.1



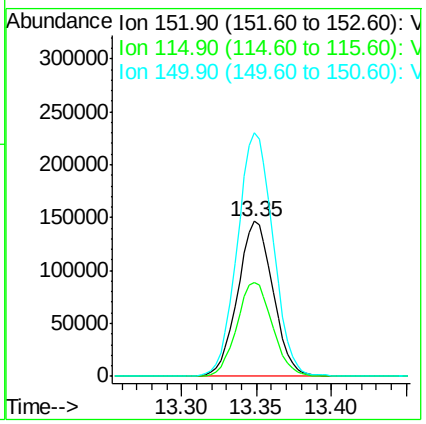


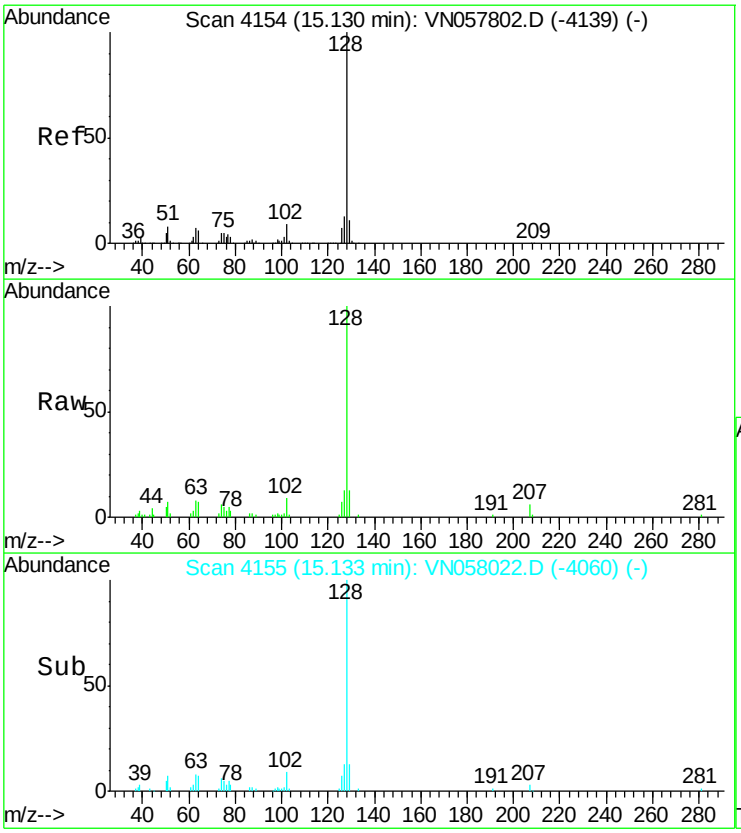
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119RE

Tgt Ion:152 Resp: 241317

Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.3	91.0
150	159.1	0.0	352.4





#95
Naphthalene
Concen: 1.823 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058022.D
Acq: 13 Sep 2019 17:33

Tgt Ion:128 Resp: 47138

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.7	8.6	12.8