Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063947.D
Acq On : 7 Oct 2020 16:55
Operator : JC/MD
Sample : L4250-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-13

Quant Time: Oct 08 05:43:37 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	232196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200854	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.72%			
35) Dibromofluoromethane	7.55	113	146620	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.18%			
50) Toluene-d8	10.06	98	539953	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.26%			
62) 4-Bromofluorobenzene	12.38	95	215448	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
Target Compounds						Qvalue
16) Acetone	3.78	43	37442	31.707	ug/l	97
25) 2-Butanone	6.80	43	8356	4.991	ug/l #	83
39) Methylcyclohexane	9.05	83	5461	1.307	ug/l	97
40) Benzene	8.01	78	23672	1.978	ug/l	95
52) Toluene	10.13	92	2985	0.403	ug/l	83
67) Ethyl Benzene	11.49	91	105682	6.539	ug/l	97
68) m/p-Xylenes	11.60	106	116838	19.398	ug/l	99
69) o-Xylene	11.92	106	34687	6.162	ug/l	97
73) Isopropylbenzene	12.22	105	11978	0.864	ug/l	99
78) n-propylbenzene	12.57	91	22113	1.371	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	134492	11.566	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	352417	30.356	ug/l	98
95) Naphthalene	15.11	128	29940	4.732	ug/l	99

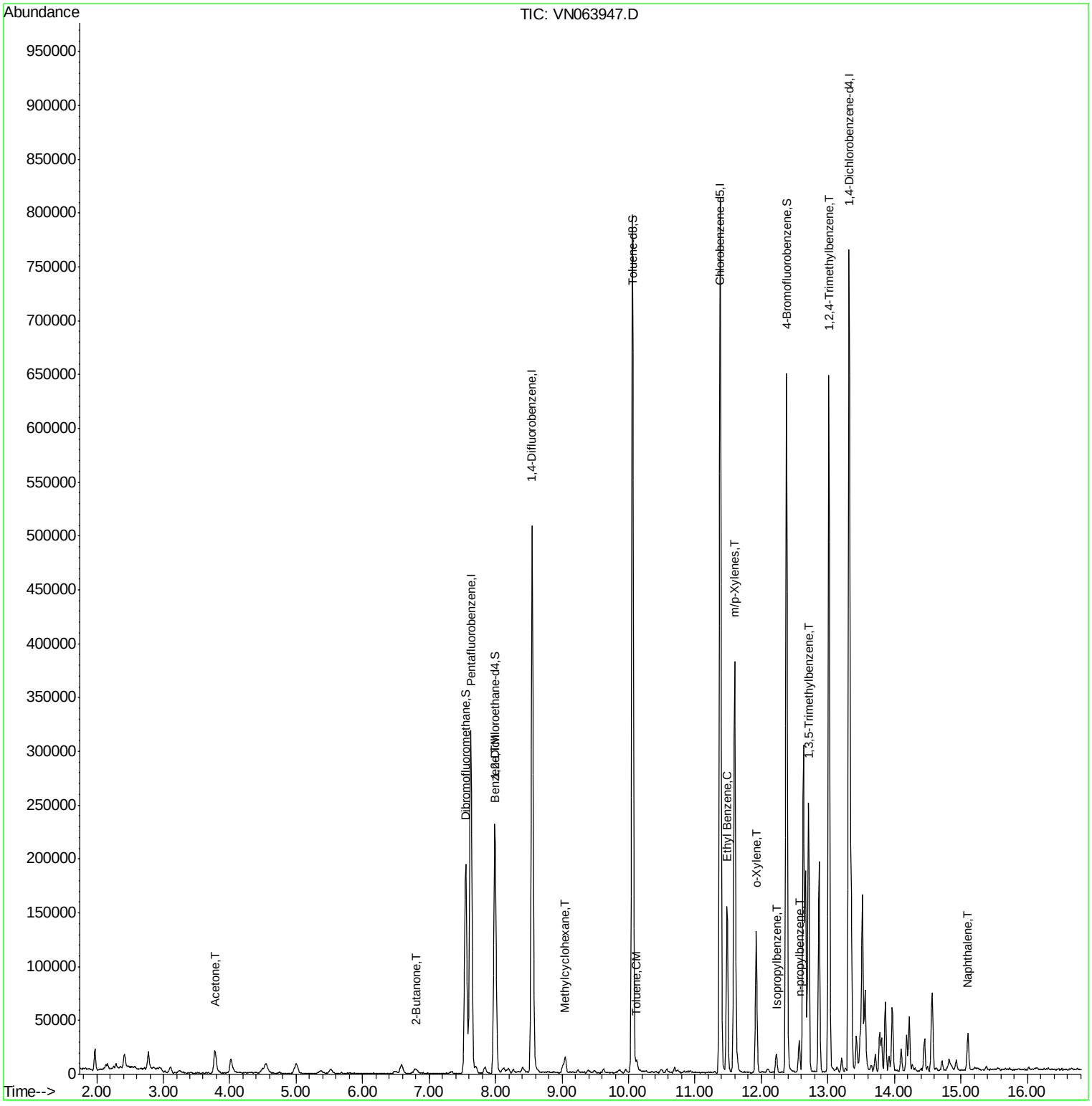
(#) = qualifier out of range (m) = manual integration (+) = signals summed

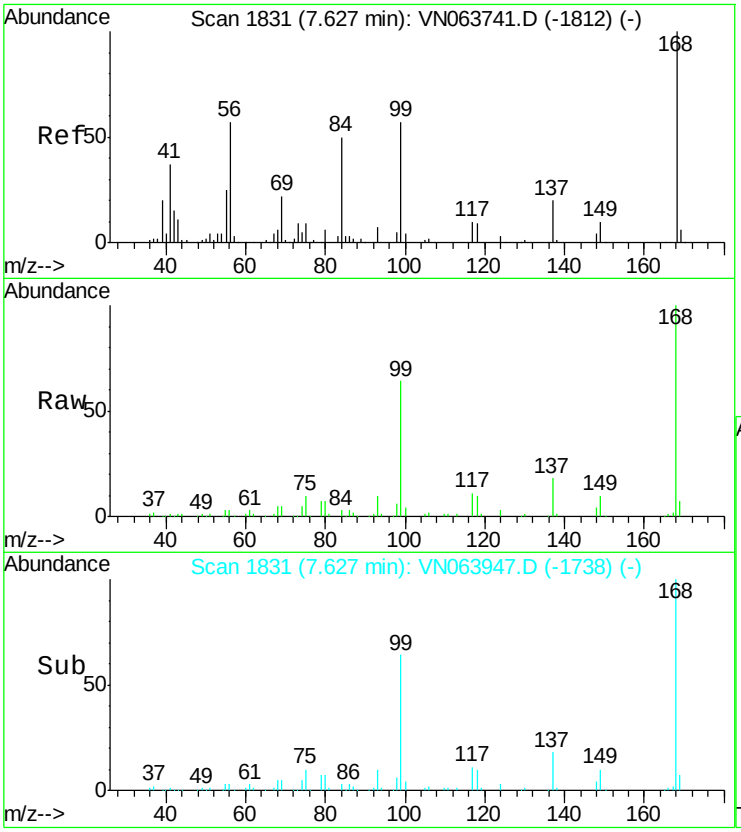
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063947.D
Acq On : 7 Oct 2020 16:55
Operator : JC/MD
Sample : L4250-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-13

Quant Time: Oct 08 05:43:37 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



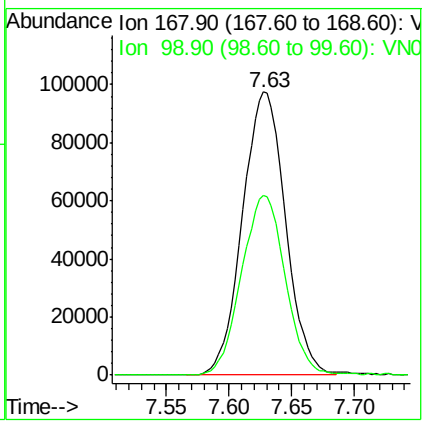


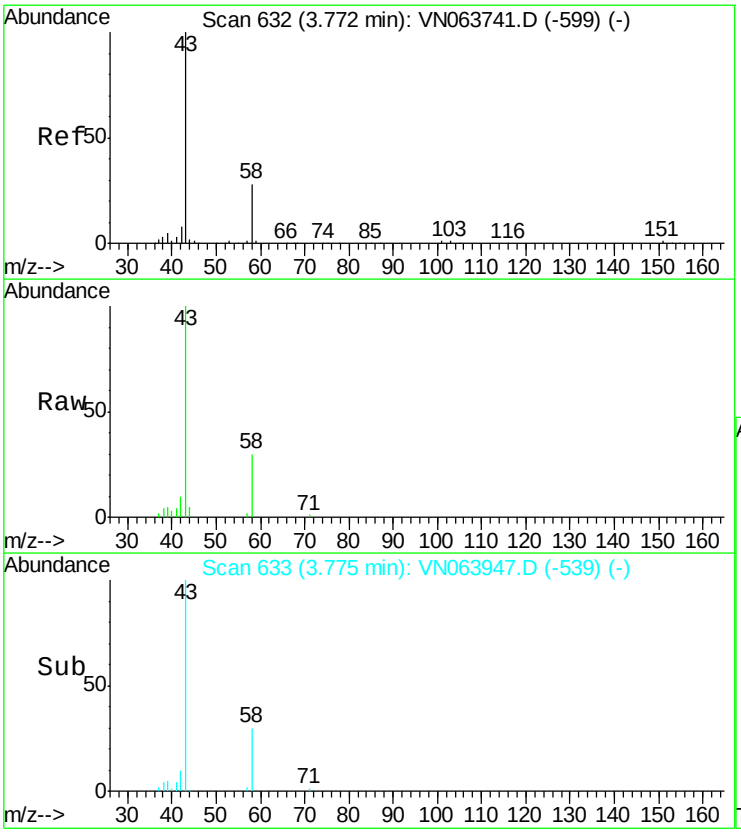
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:168 Resp: 232196

Ion	Ratio	Lower	Upper
168	100		
99	63.6	51.8	77.6

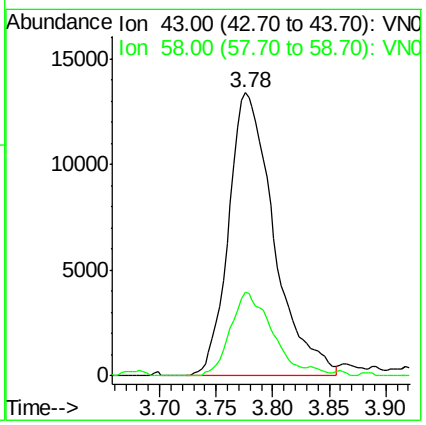


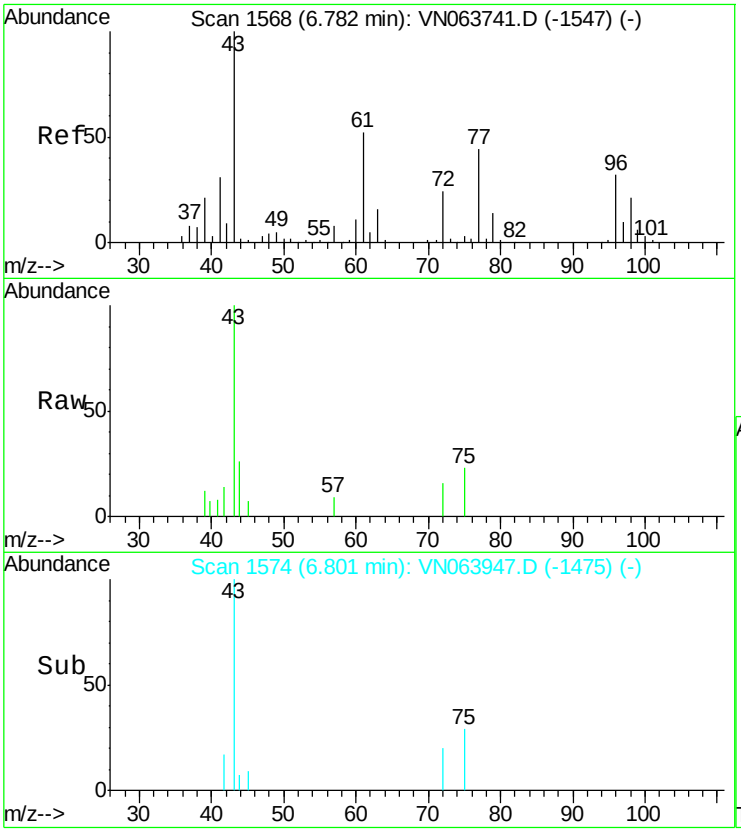


#16
Acetone
Concen: 31.707 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion: 43 Resp: 37442

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.3	33.5



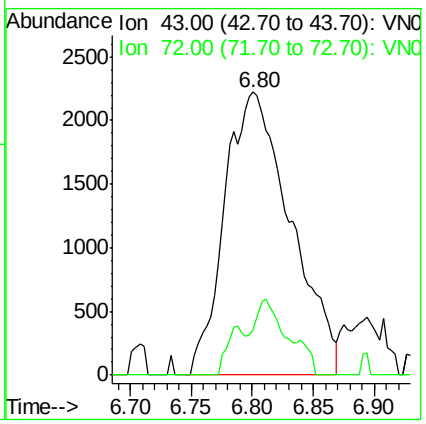


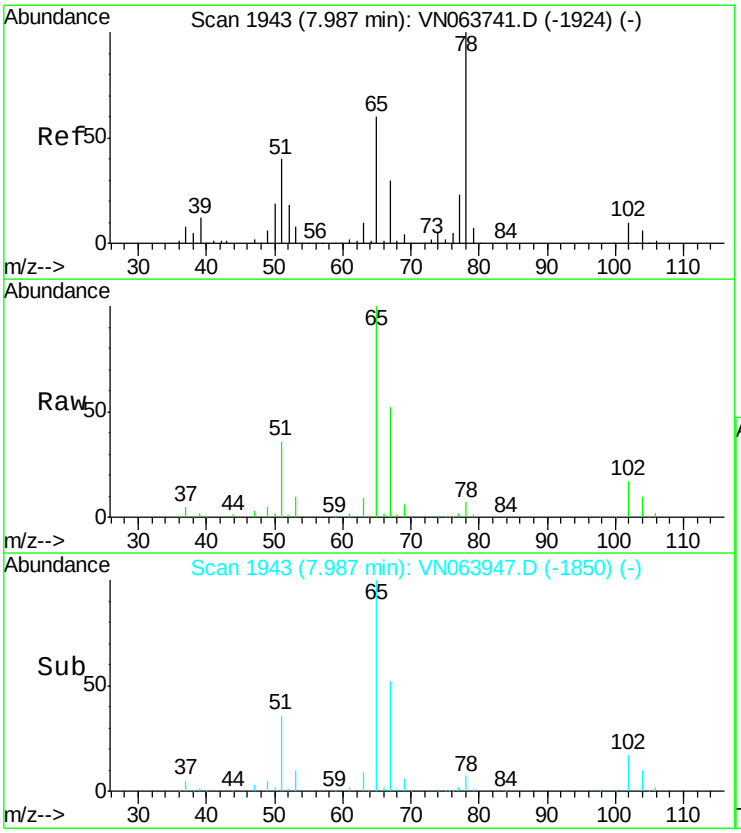
#25
2-Butanone
Concen: 4.991 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument : MSVOA_N
ClientSampleId : MW-13

Tgt Ion: 43 Resp: 8356

Ion	Ratio	Lower	Upper
43	100		
72	15.8	19.3	28.9#

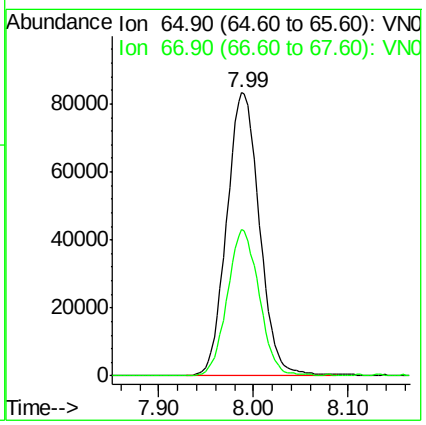


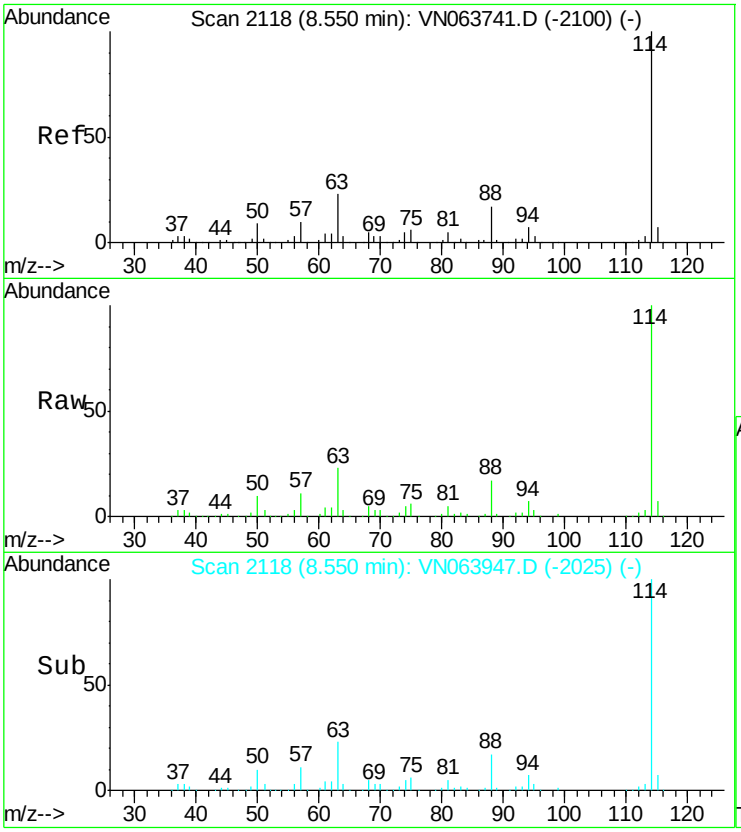


#33
1,2-Dichloroethane-d4
Concen: 52.360 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion: 65 Resp: 200854

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.6



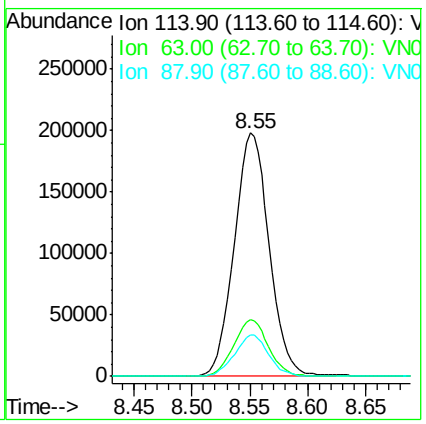


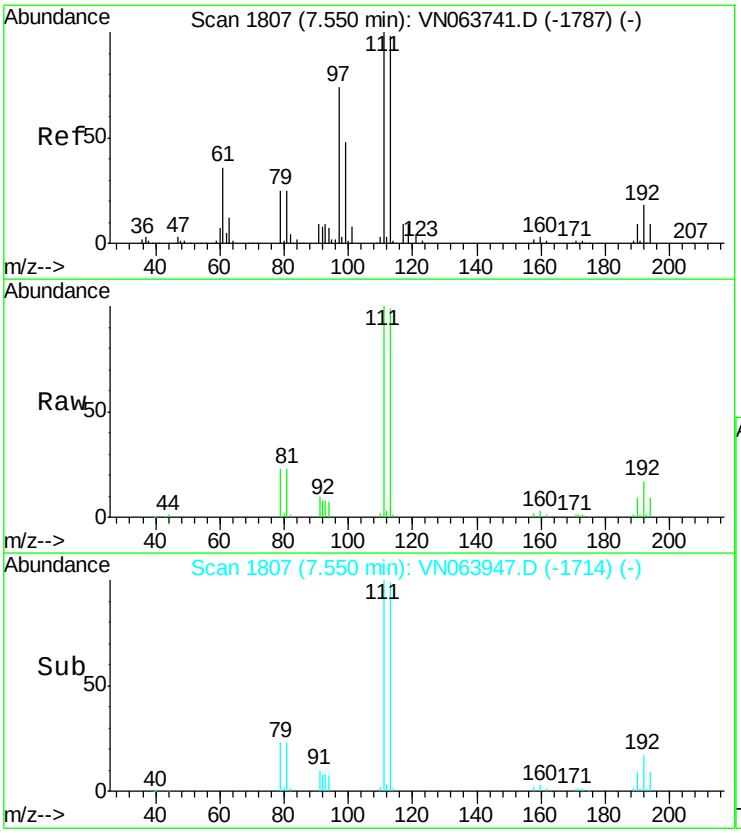
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:114 Resp: 413583

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.0
88	17.0	0.0	34.0

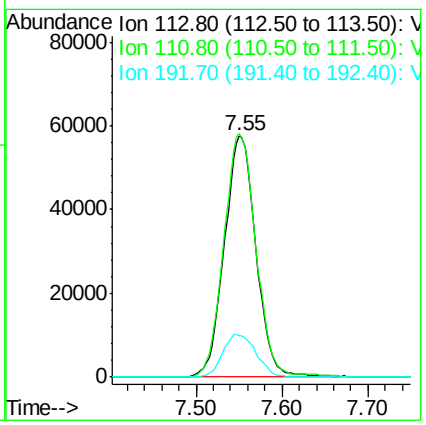


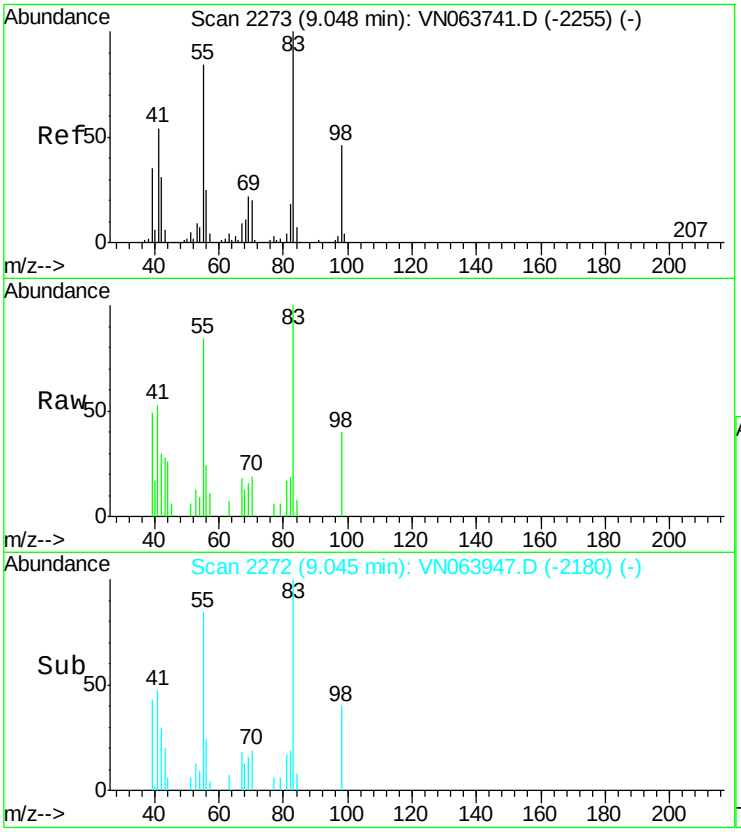


#35
Dibromofluoromethane
Concen: 51.091 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion:113 Resp: 146620

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	18.7	14.2	21.2



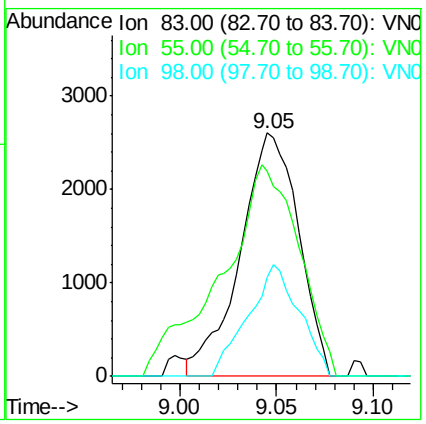


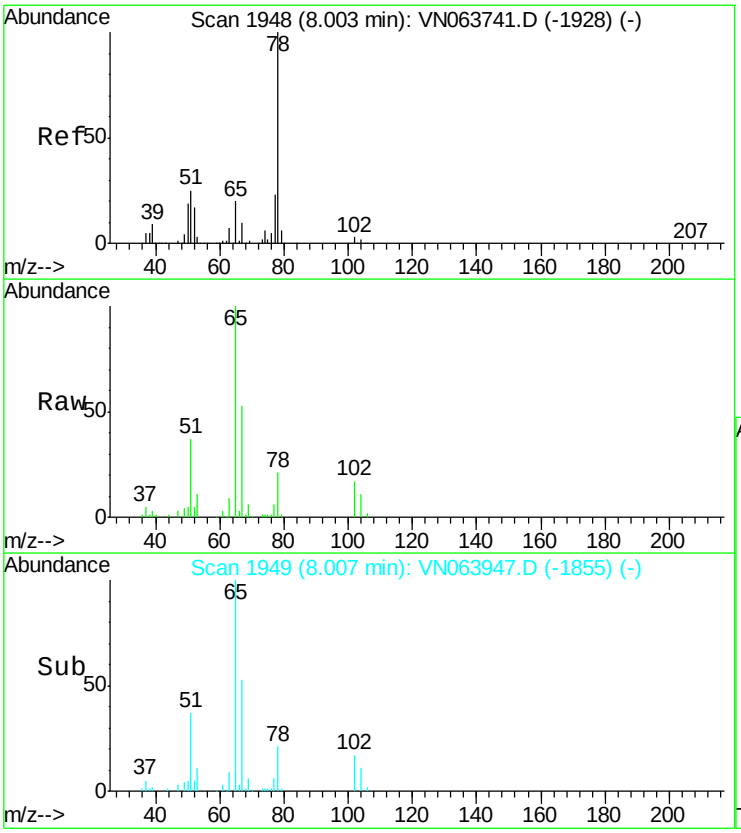
#39
Methylcyclohexane
Concen: 1.307 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion: 83 Resp: 5461

Ion	Ratio	Lower	Upper
83	100		
55	84.4	67.1	100.7
98	40.5	36.6	54.8

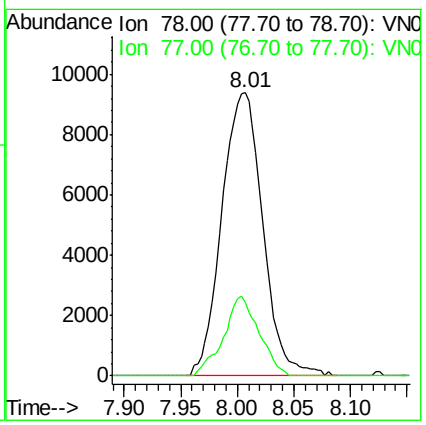


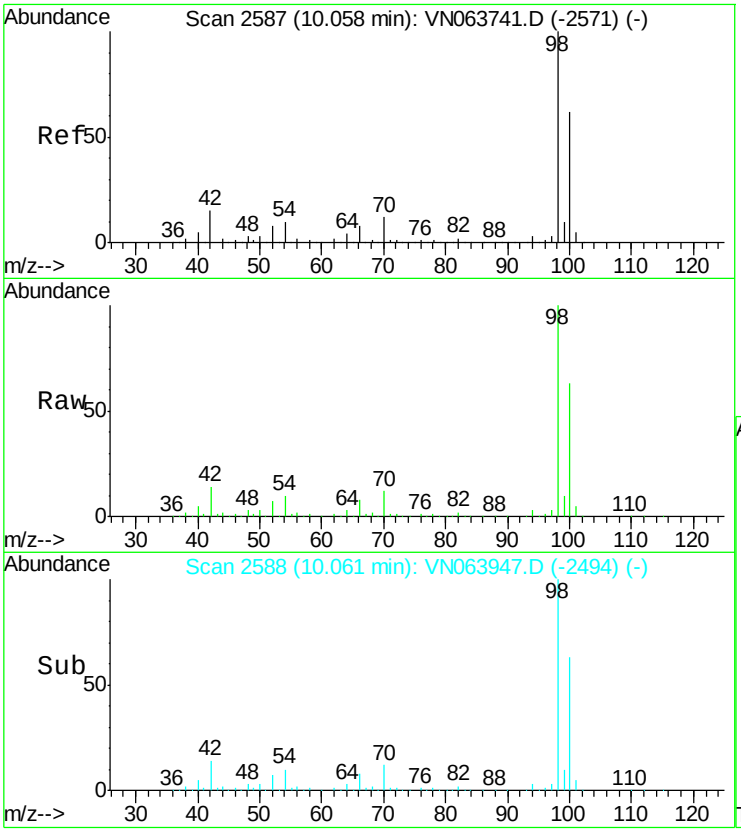


#40
Benzene
Concen: 1.978 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion: 78 Resp: 23672

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.7	28.1



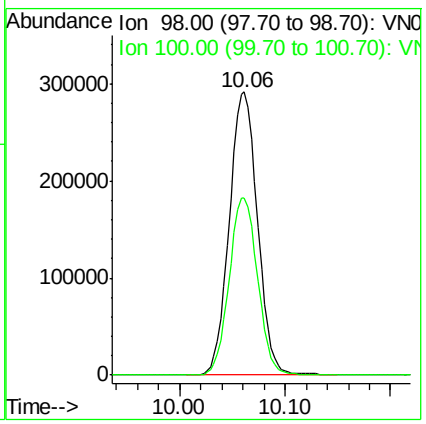


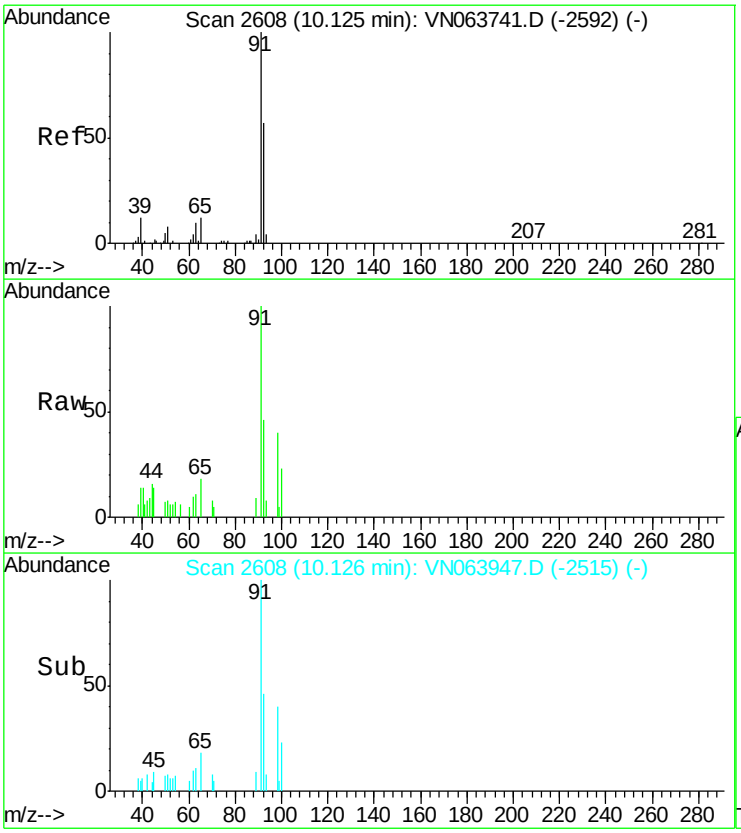
#50
Toluene-d8
Concen: 49.633 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument : MSVOA_N
ClientSampleId : MW-13

Tgt Ion: 98 Resp: 539953

Ion	Ratio	Lower	Upper
98	100		
100	63.2	49.8	74.6

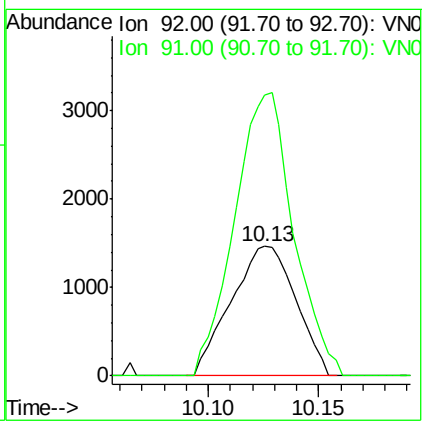


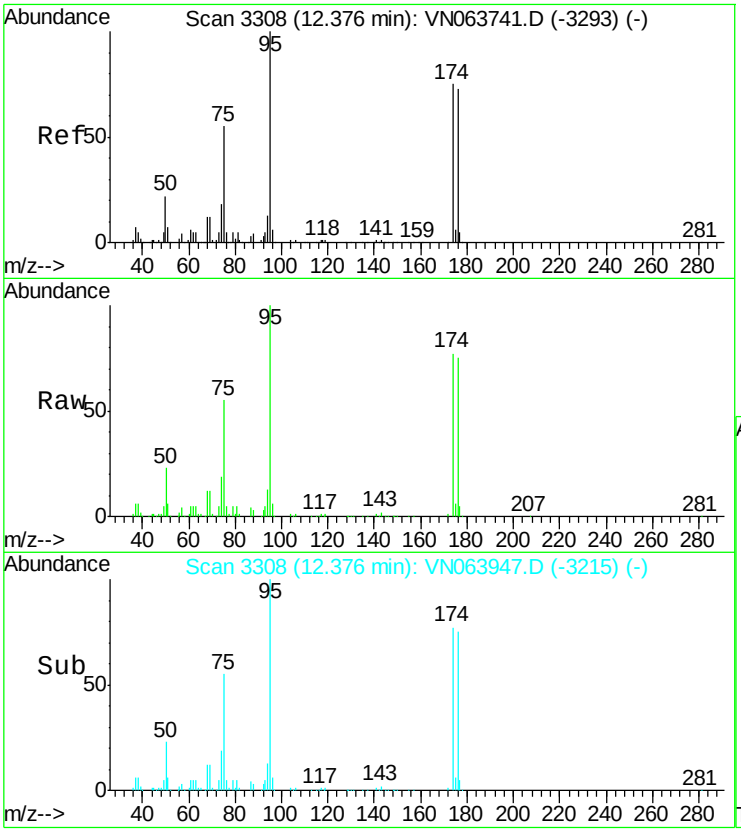


#52
Toluene
Concen: 0.403 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion: 92 Resp: 2985

Ion	Ratio	Lower	Upper
92	100		
91	199.5	140.6	210.8



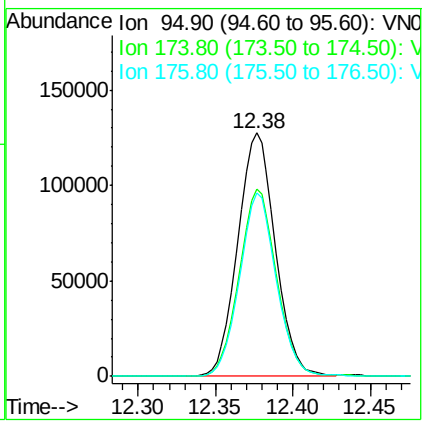


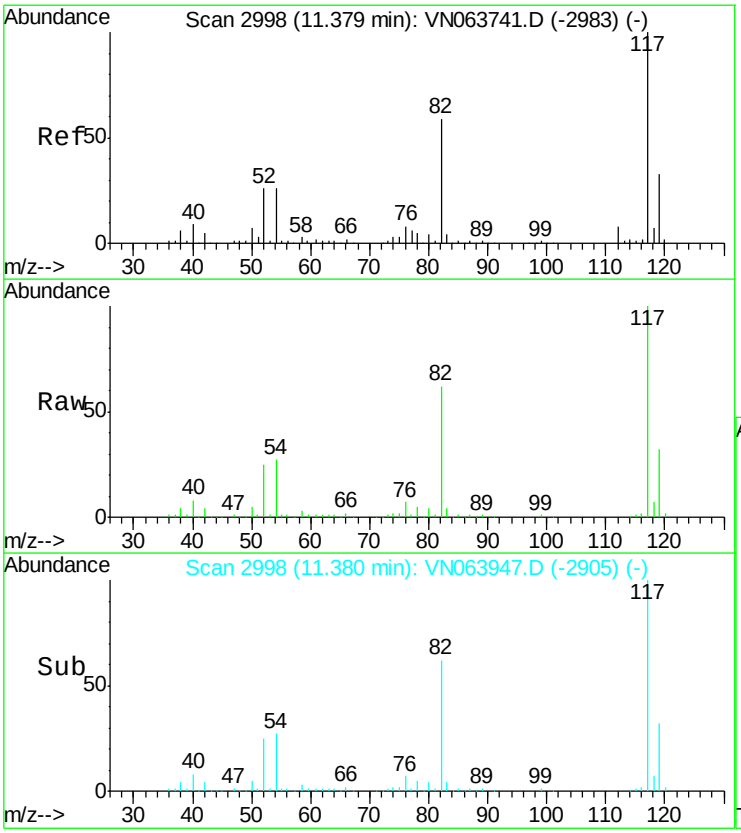
#62
4-Bromofluorobenzene
Concen: 52.683 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion: 95 Resp: 215448

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.6
176	73.9	0.0	145.4

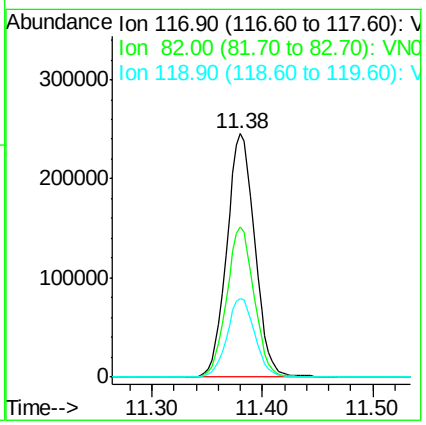


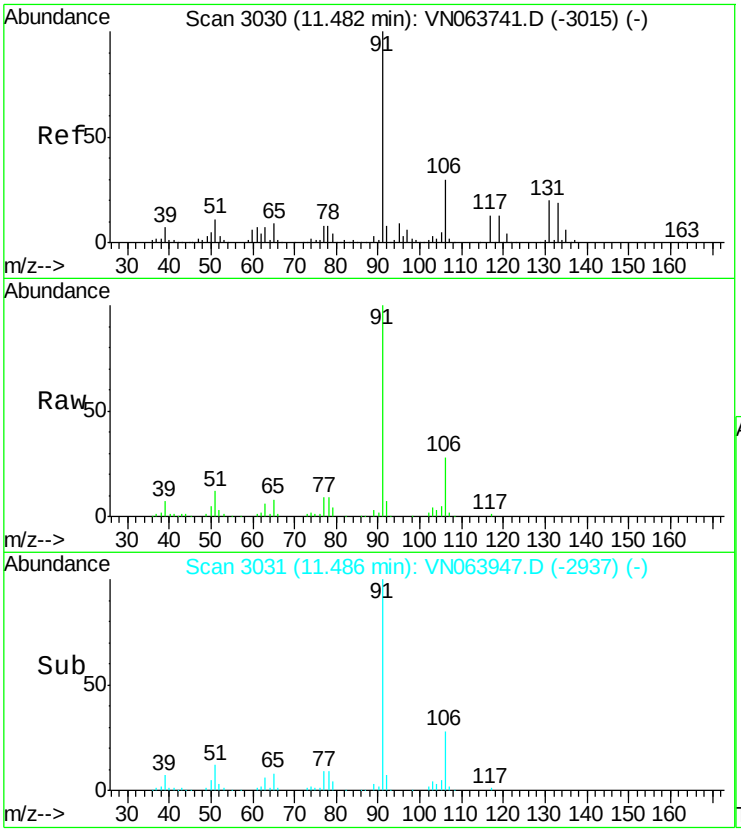


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion:117 Resp: 432956

Ion	Ratio	Lower	Upper
117	100		
82	61.8	47.4	71.2
119	32.3	26.4	39.6



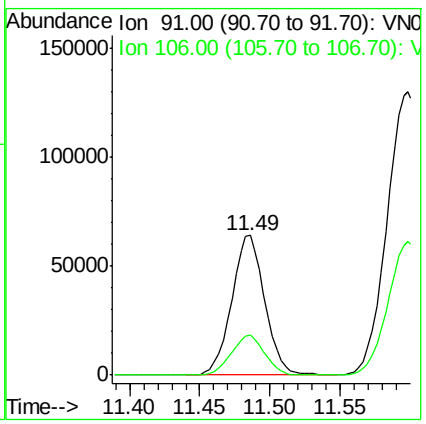


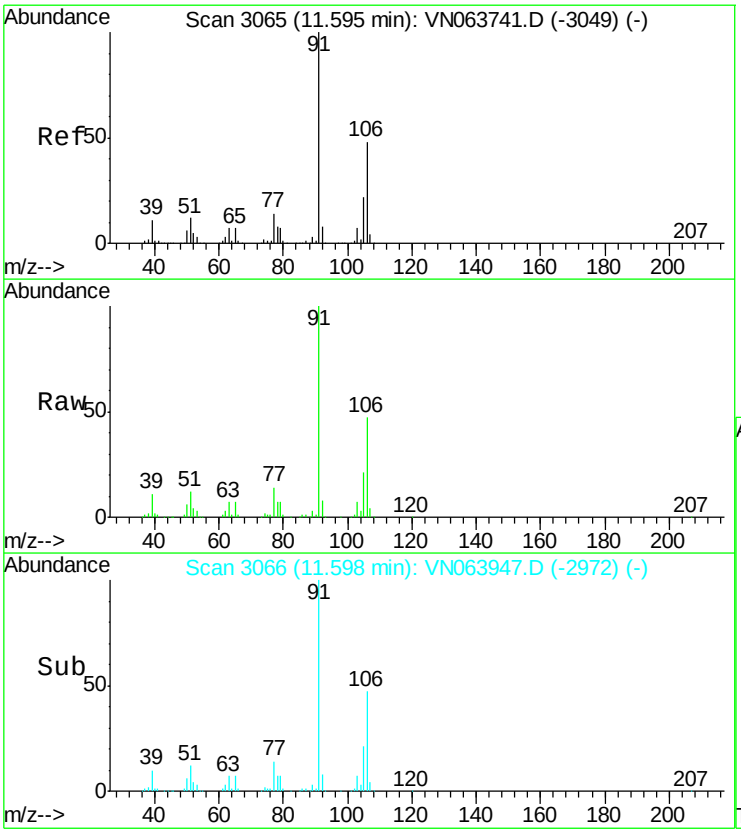
#67
Ethyl Benzene
Concen: 6.539 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument : MSVOA_N
ClientSampleId : MW-13

Tgt Ion: 91 Resp: 105682

Ion	Ratio	Lower	Upper
91	100		
106	28.5	24.2	36.2

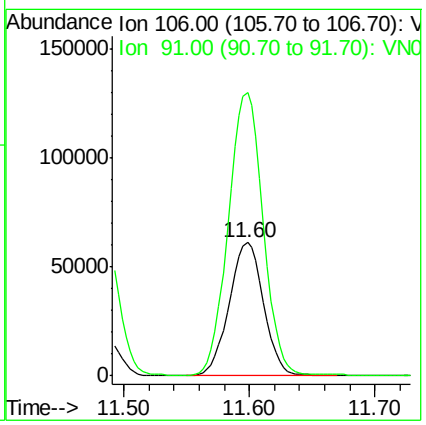


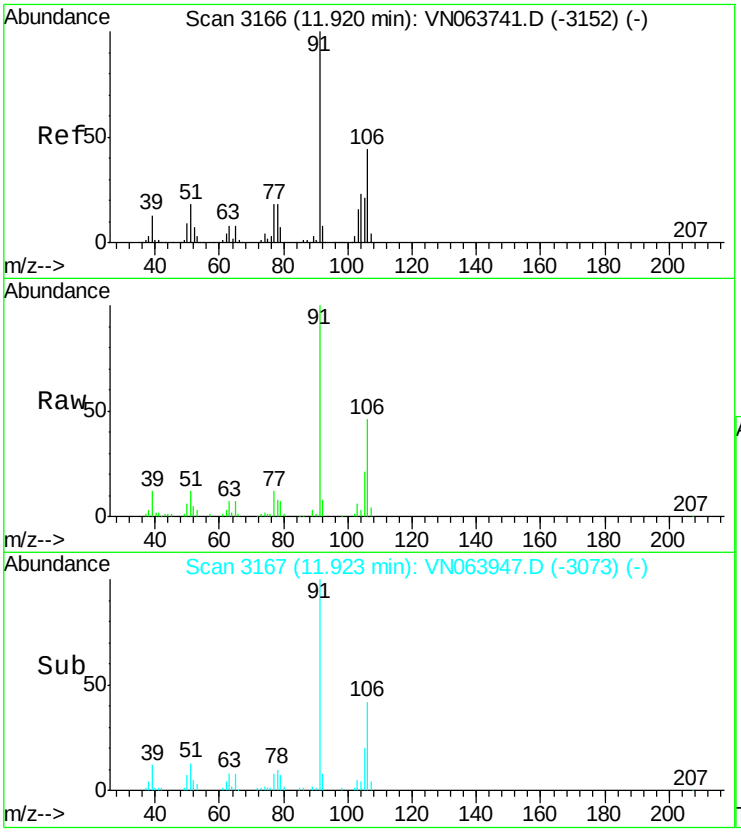


#68
m/p-Xylenes
Concen: 19.398 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion:106 Resp: 116838

Ion	Ratio	Lower	Upper
106	100		
91	212.1	168.0	252.0



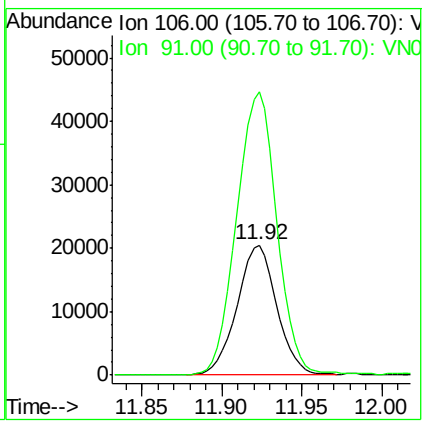


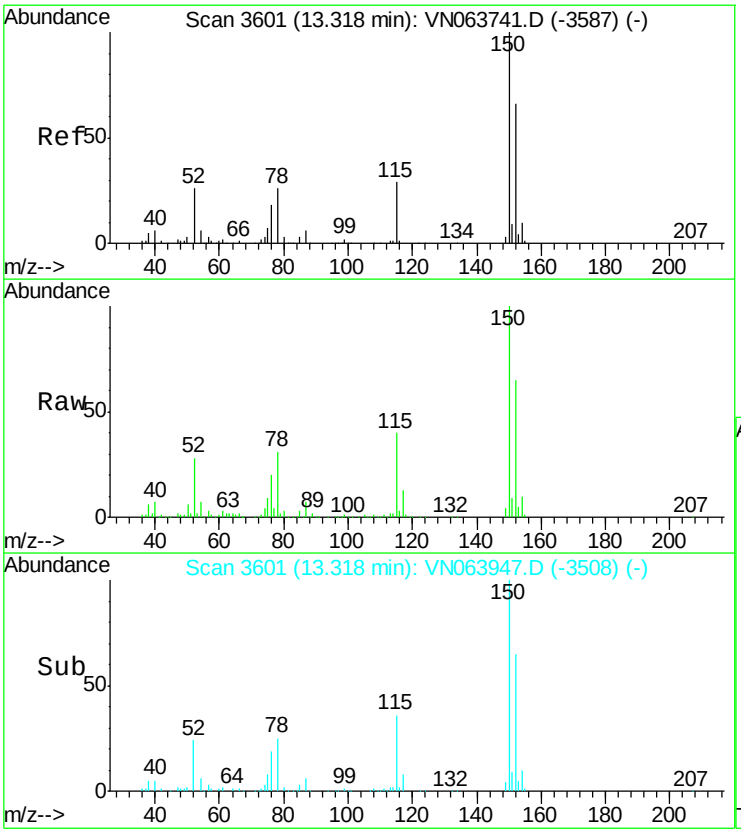
#69
o-Xylene
Concen: 6.162 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:106 Resp: 34687

Ion	Ratio	Lower	Upper
106	100		
91	221.1	112.7	338.0

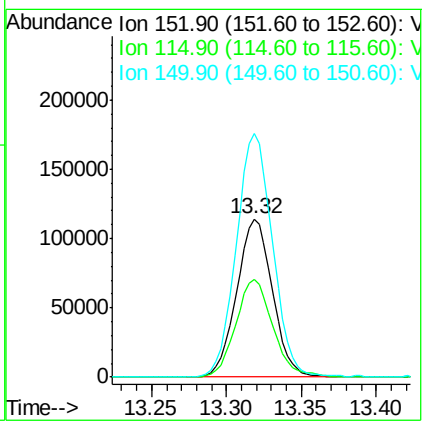


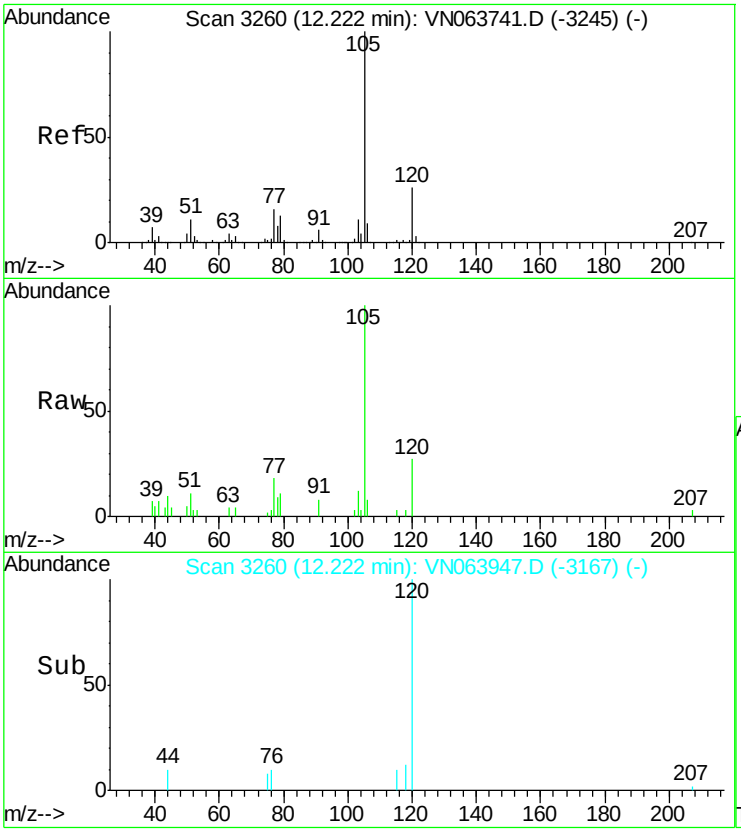


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion:152 Resp: 190026

Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.3	93.8
150	156.2	0.0	341.8



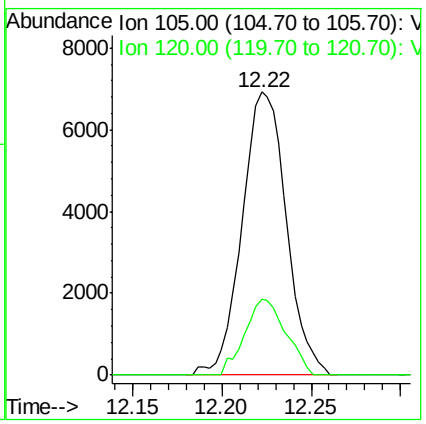


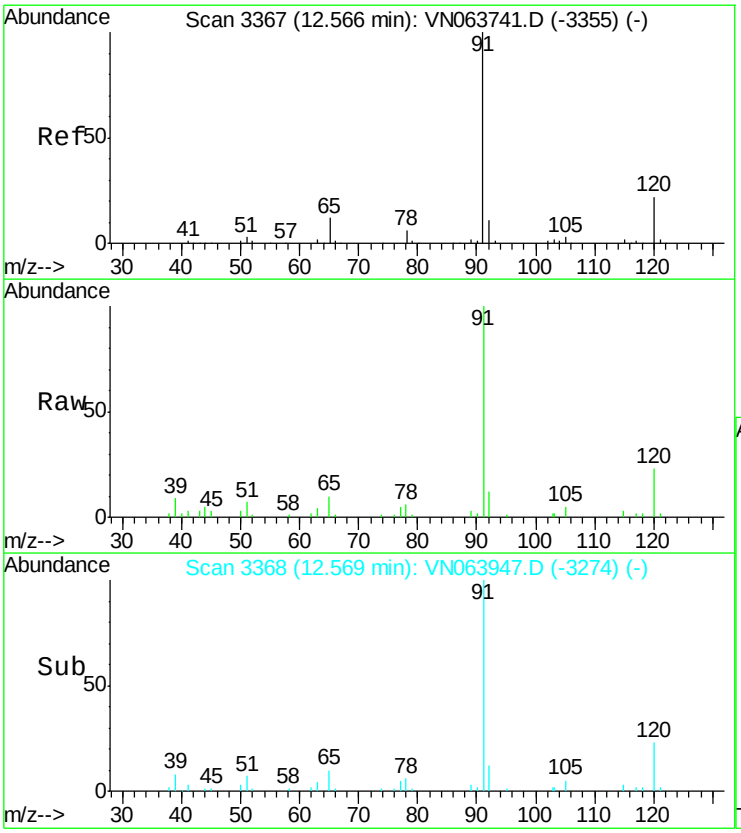
#73
Isopropylbenzene
Concen: 0.864 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:105 Resp: 11978

Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.6	37.8

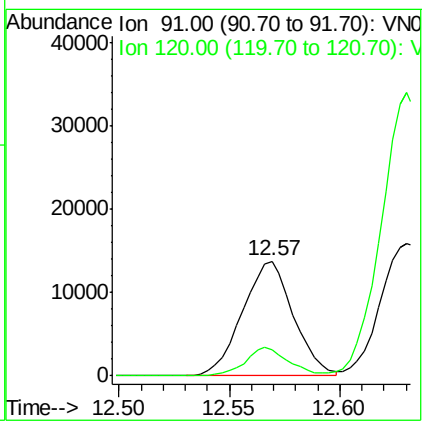


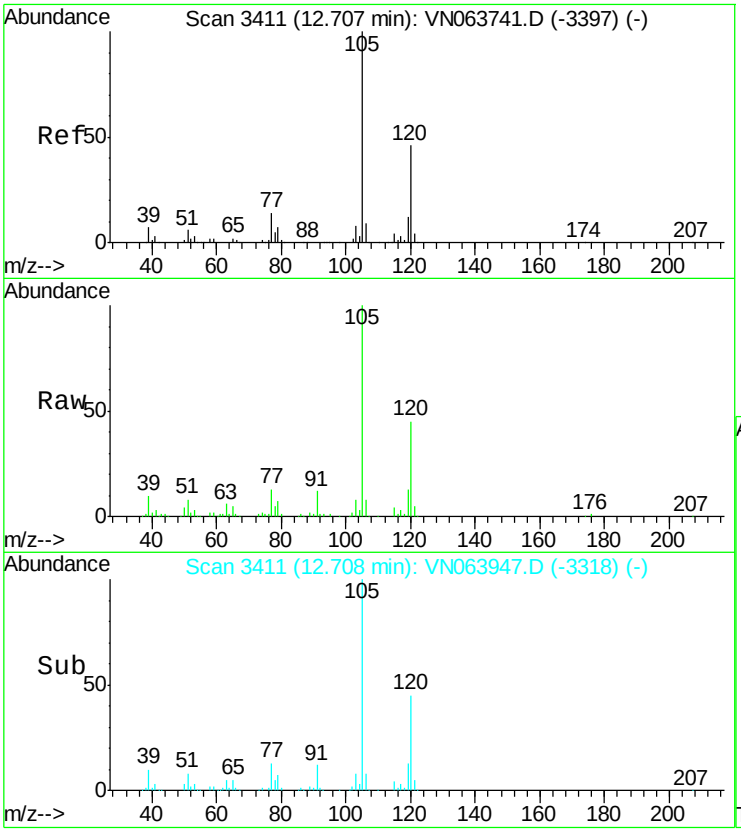


#78
n-propylbenzene
Concen: 1.371 ug/l
RT: 12.57 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion: 91 Resp: 22113

Ion	Ratio	Lower	Upper
91	100		
120	20.8	11.1	33.1



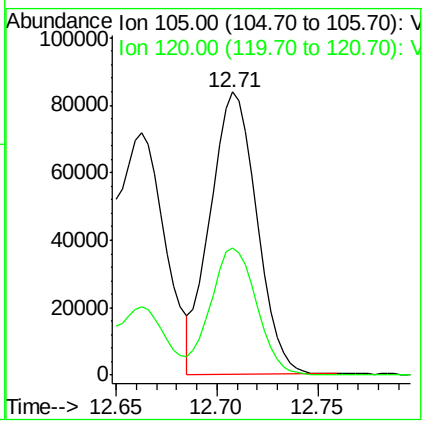


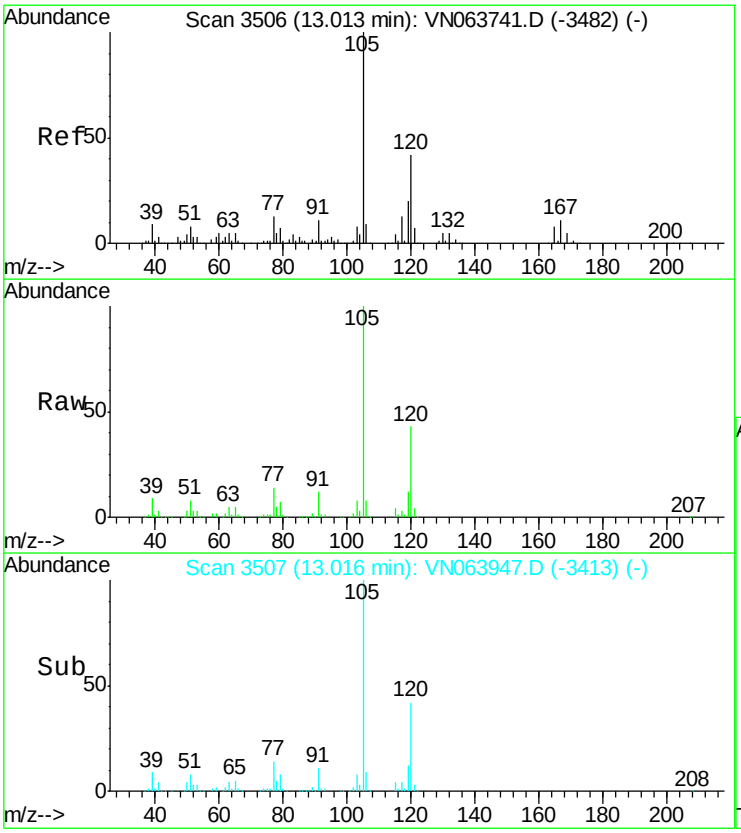
#80
1,3,5-Trimethylbenzene
Concen: 11.566 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:105 Resp: 134492

Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.3	69.9

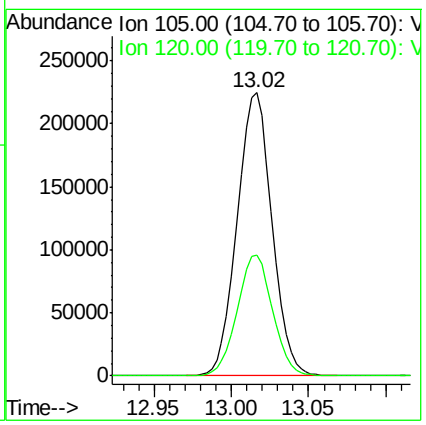


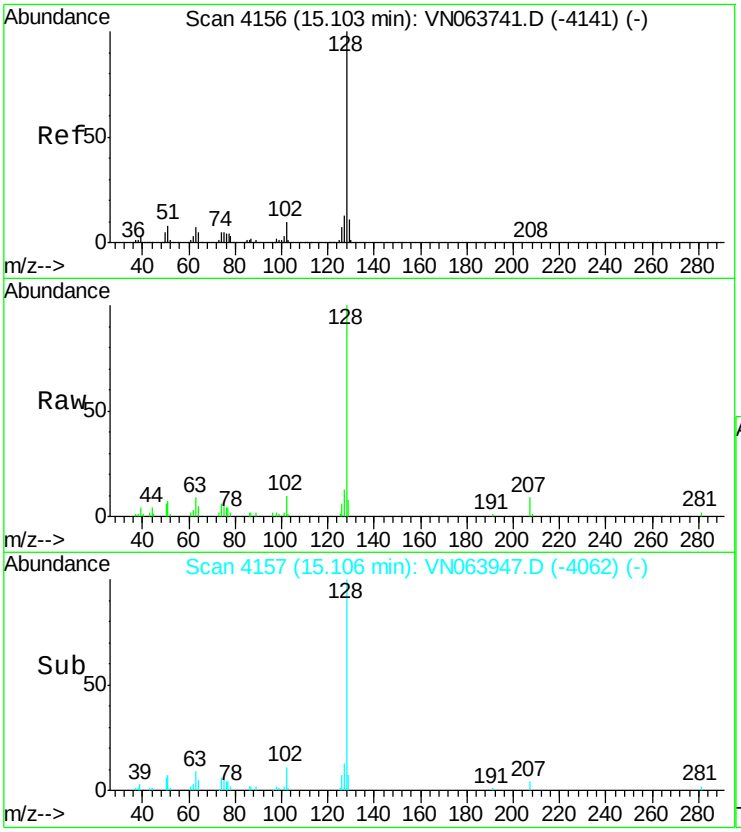


#84
1,2,4-Trimethylbenzene
Concen: 30.356 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Tgt Ion:105 Resp: 352417

Ion	Ratio	Lower	Upper
105	100		
120	43.4	20.9	62.7





#95
Naphthalene
Concen: 4.732 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063947.D
Acq: 7 Oct 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
MW-13

Tgt Ion:128 Resp: 29940

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	9.9	8.7	13.1