Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120720\
Data File : VN064955.D
Acq On : 7 Dec 2020 19:12
Operator : JC/MD
Sample : L4954-14RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SS013-13-6703-120220RE

Quant Time: Dec 08 08:39:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.62	168	192110	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	321662	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	331028	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166888	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	105697	47.33	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.66%				
35) Dibromofluoromethane	7.55	113	99915	51.91	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.82%				
50) Toluene-d8	10.06	98	427173	54.32	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.64%				
62) 4-Bromofluorobenzene	12.37	95	166079	59.01	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.02%				
Target Compounds							Qvalue
31) Cyclohexane	7.61	56	846178	271.836	ug/l		97
39) Methylcyclohexane	9.05	83	1081354	336.915	ug/l		97
40) Benzene	8.00	78	19727	2.159	ug/l		100
67) Ethyl Benzene	11.48	91	88433	7.447	ug/l		100
68) m/p-Xylenes	11.60	106	5023	1.117	ug/l		87
69) o-Xylene	11.92	106	1316	0.308	ug/l		53
73) Isopropylbenzene	12.22	105	284082	24.472	ug/l		99
78) n-propylbenzene	12.56	91	370316	28.003	ug/l		99
83) tert-Butylbenzene	12.96	119	11081	1.370	ug/l		94
84) 1,2,4-Trimethylbenzene	13.01	105	1481918	151.906	ug/l		100
85) sec-Butylbenzene	13.14	105	79957	7.446	ug/l	#	78
86) p-Isopropyltoluene	13.26	119	30682	3.138	ug/l		97
89) n-Butylbenzene	13.59	91	33916	3.950	ug/l	#	73
95) Naphthalene	15.10	128	388263	38.374	ug/l		99

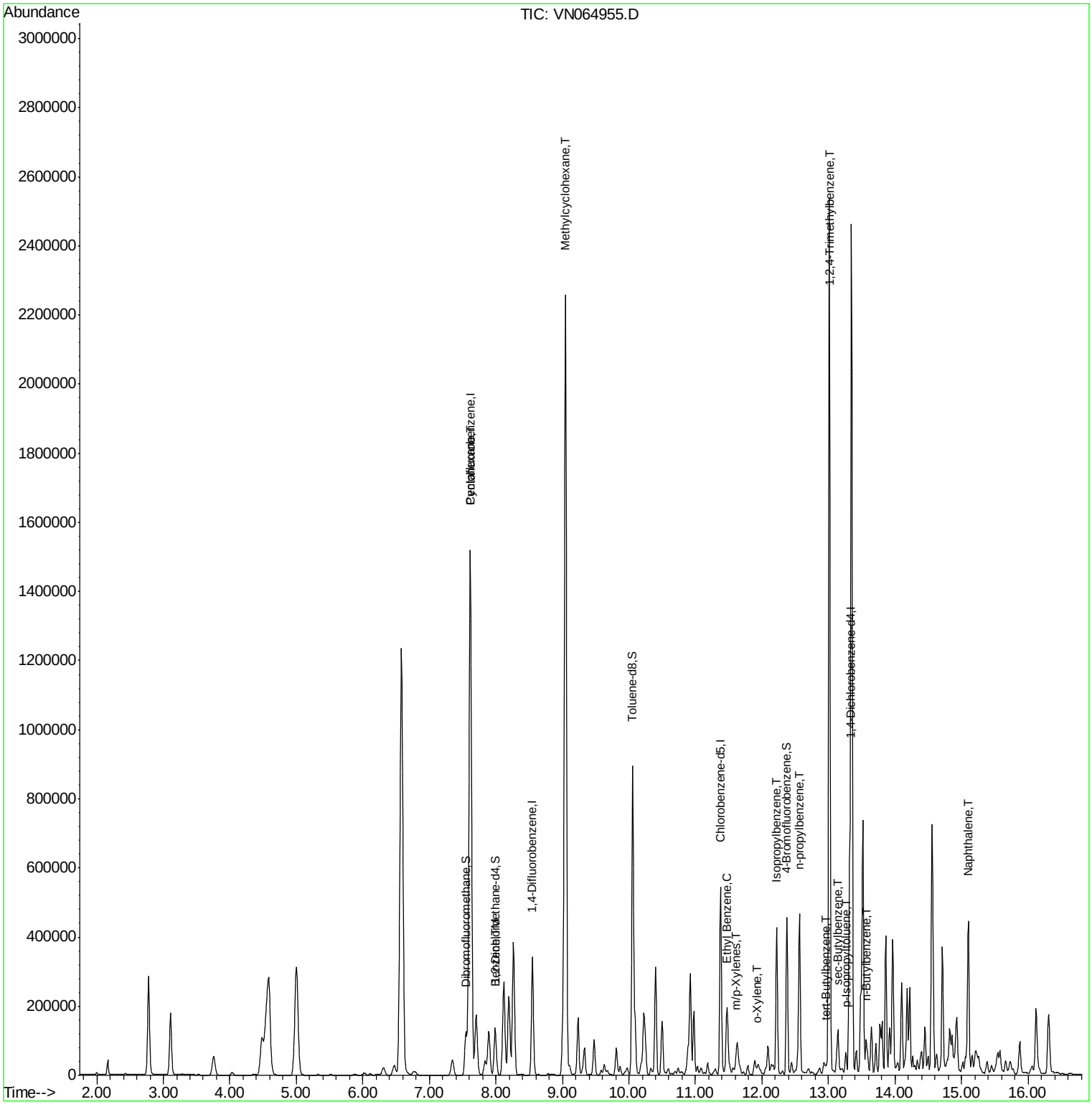
(#) = qualifier out of range (m) = manual integration (+) = signals summed

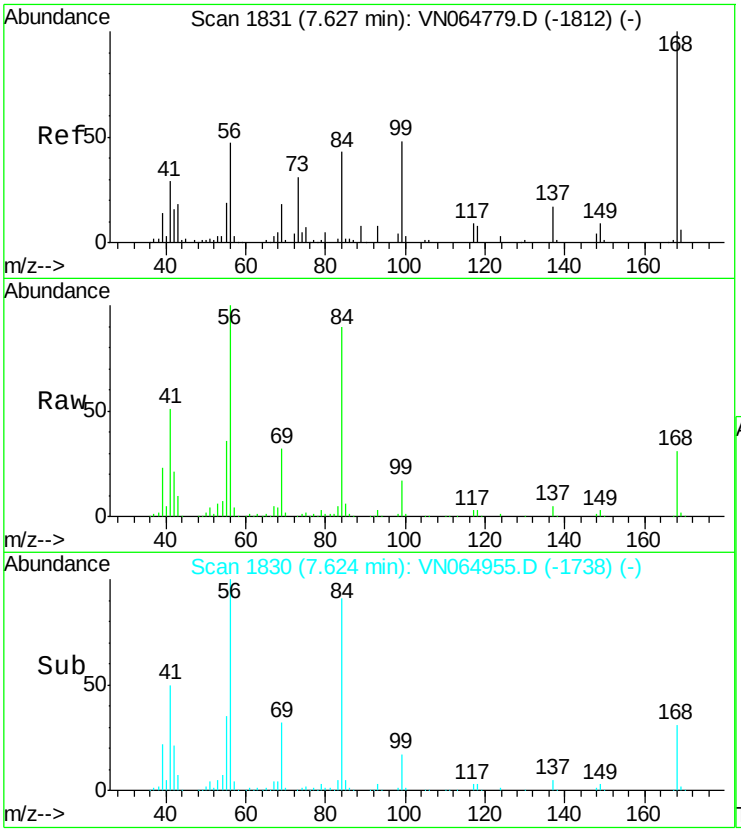
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120720\
Data File : VN064955.D
Acq On : 7 Dec 2020 19:12
Operator : JC/MD
Sample : L4954-14RE
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Quant Time: Dec 08 08:39:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration



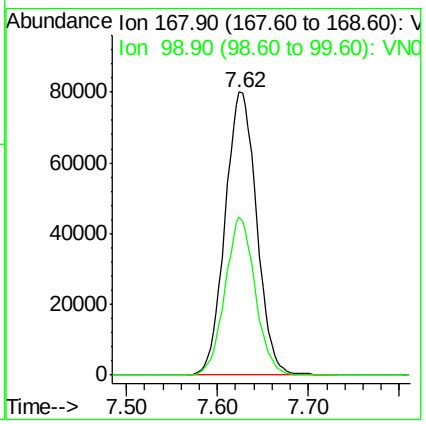


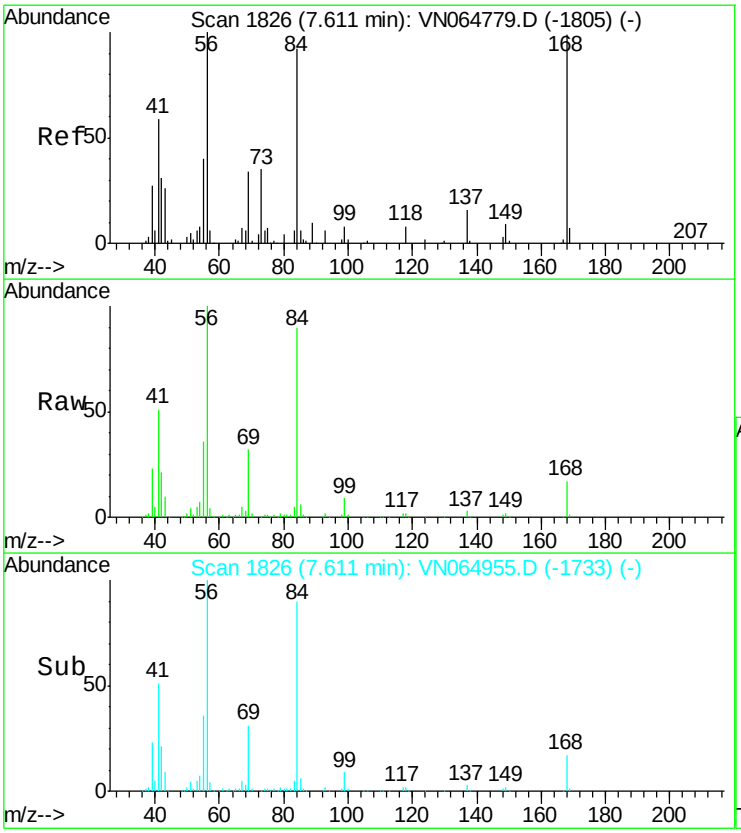
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:168 Resp: 192110

Ion	Ratio	Lower	Upper
168	100		
99	55.6	43.0	64.4

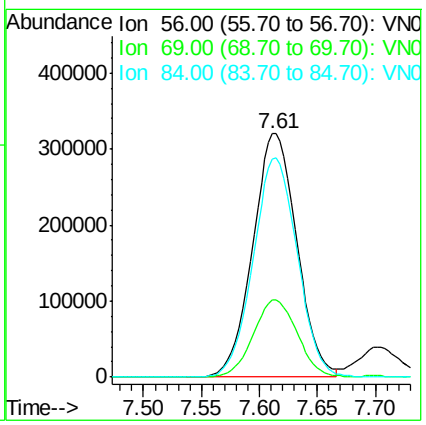


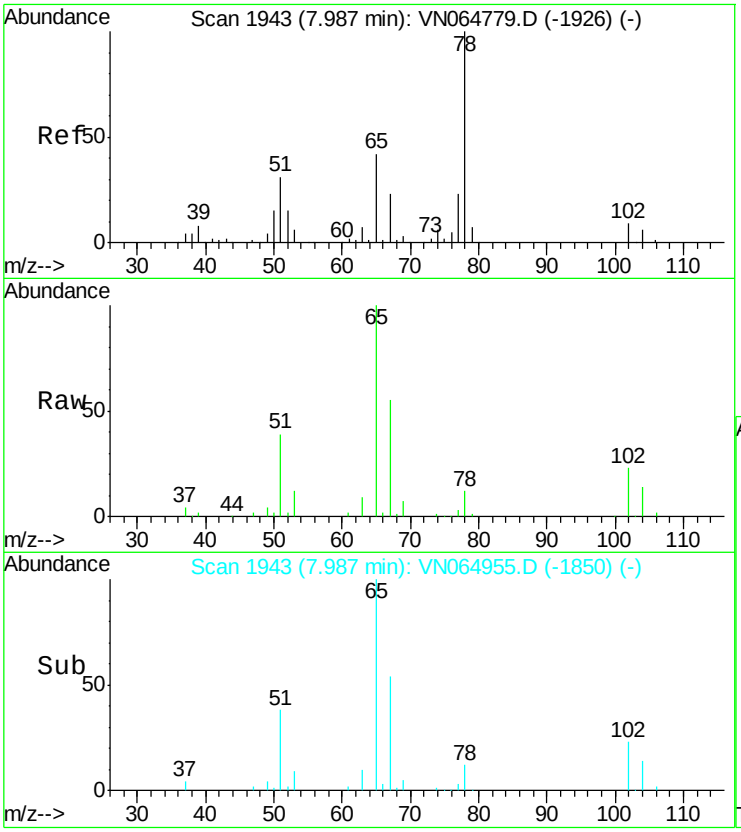


#31
Cyclohexane
Concen: 271.836 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 56 Resp: 846178

Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.5	41.3
84	89.8	73.9	110.9



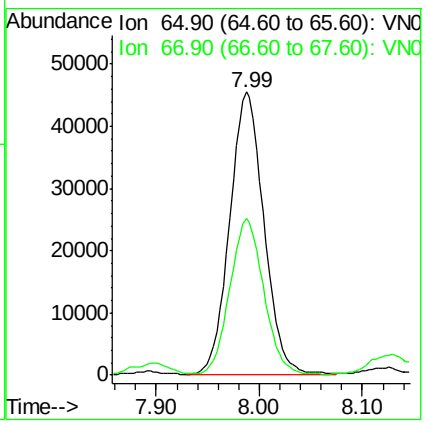


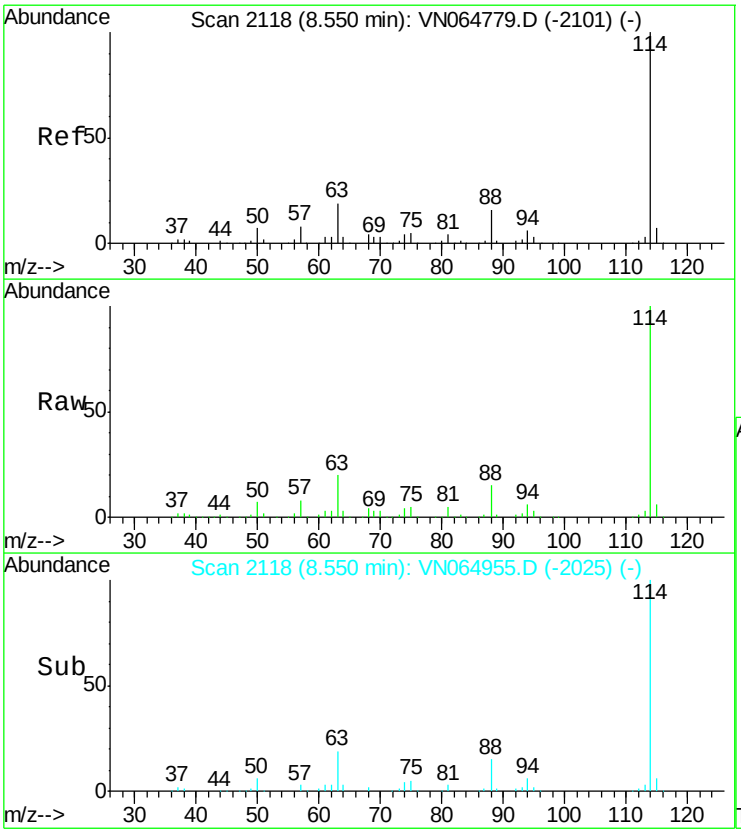
#33
1,2-Dichloroethane-d4
Concen: 47.325 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion: 65 Resp: 105697

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.2

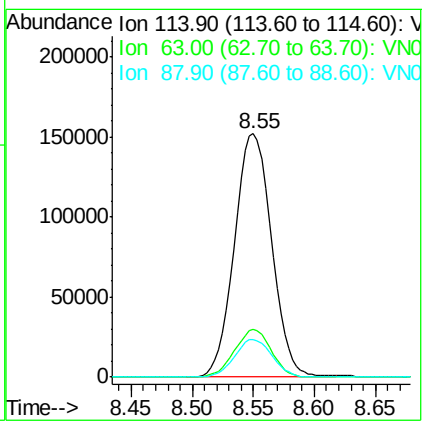


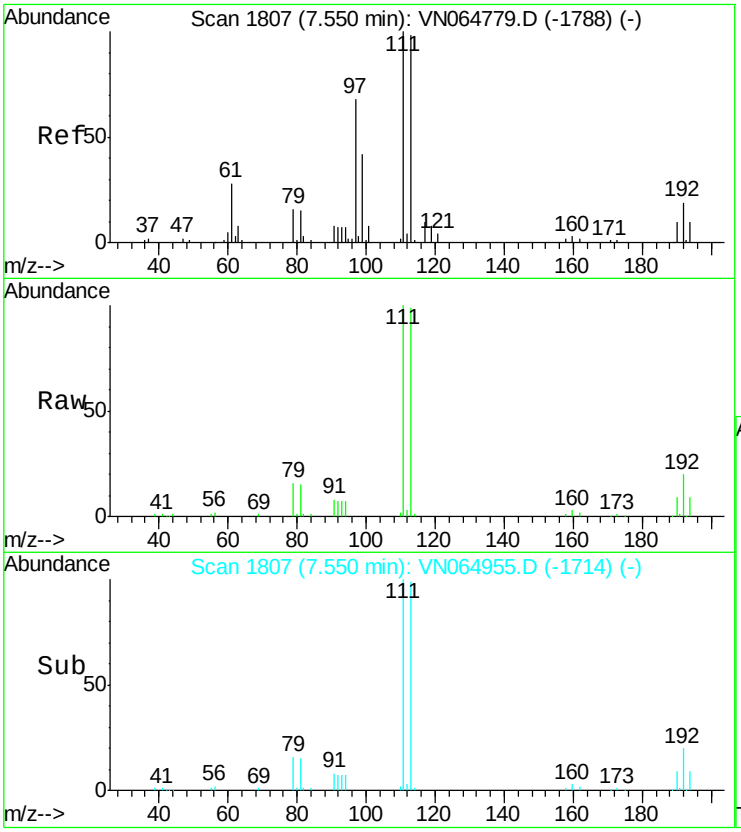


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:114 Resp: 321662

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	15.4	0.0	32.6



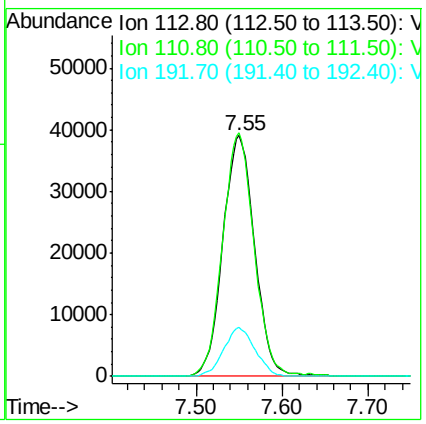


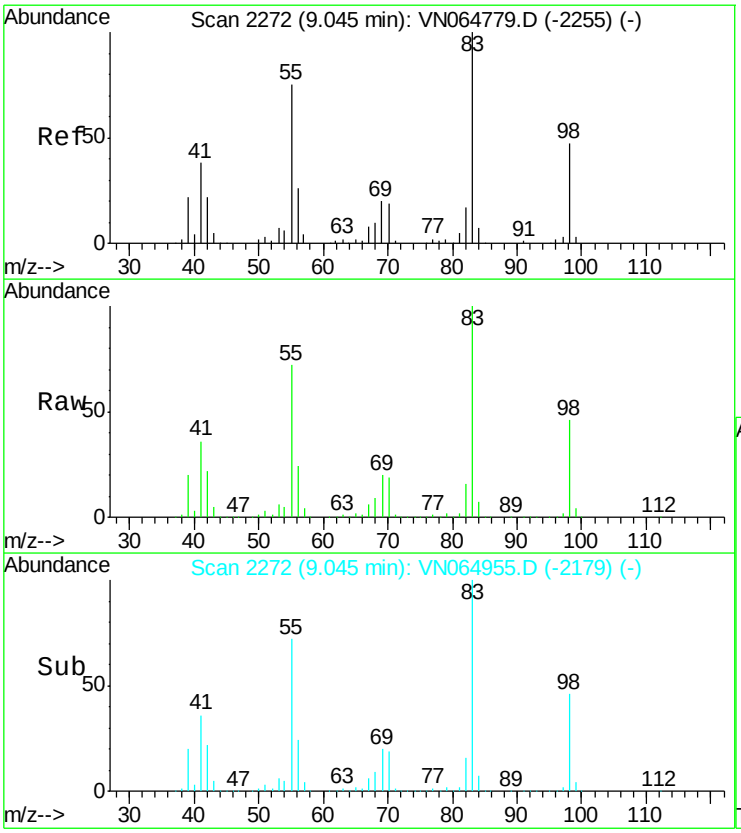
#35
Dibromofluoromethane
Concen: 51.911 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:113 Resp: 99915

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.6	122.4
192	20.0	16.2	24.2

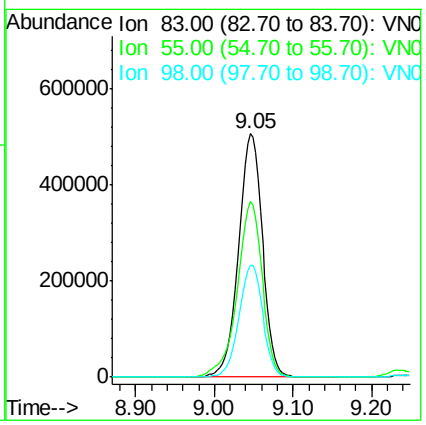


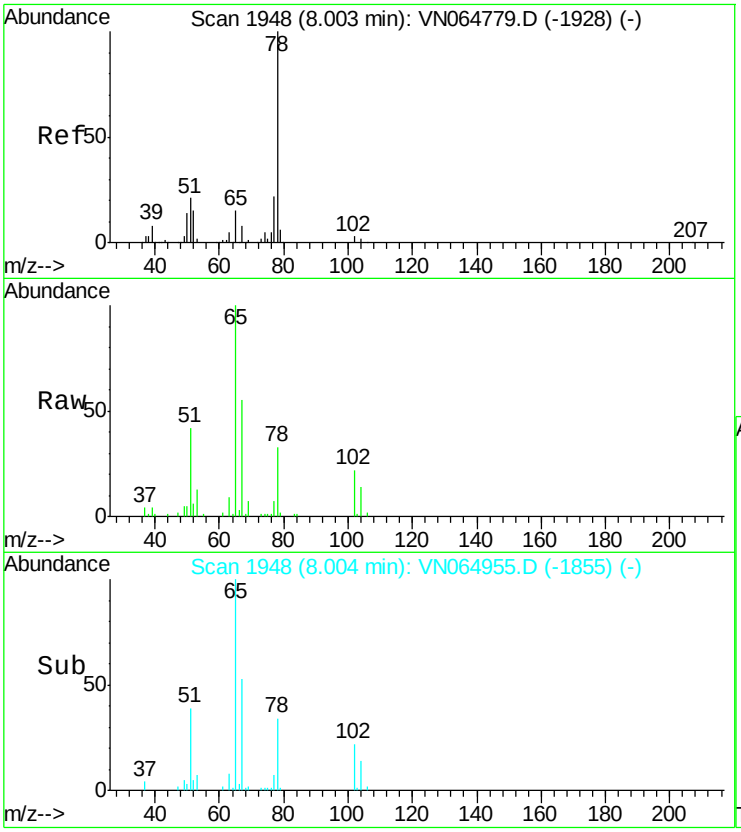


#39
Methylcyclohexane
Concen: 336.915 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 83 Resp: 1081354

Ion	Ratio	Lower	Upper
83	100		
55	72.0	60.2	90.2
98	45.9	37.4	56.2



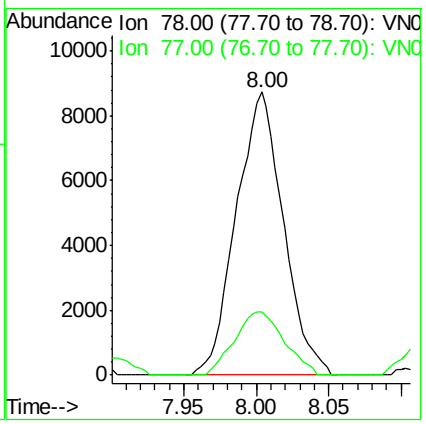


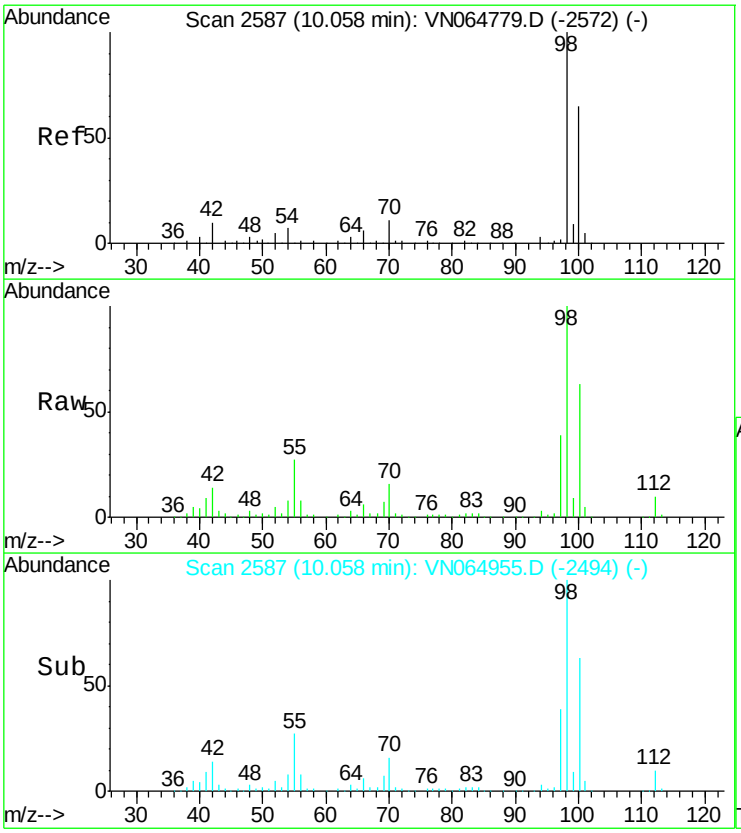
#40
Benzene
Concen: 2.159 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion: 78 Resp: 19727

Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.9	26.9

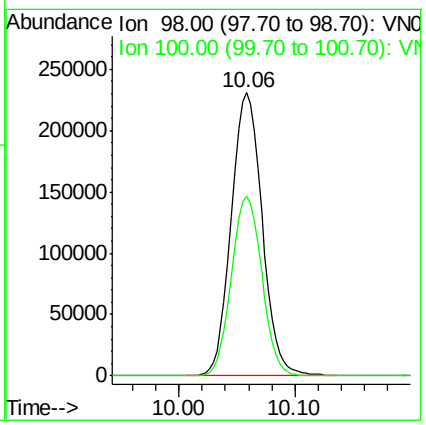


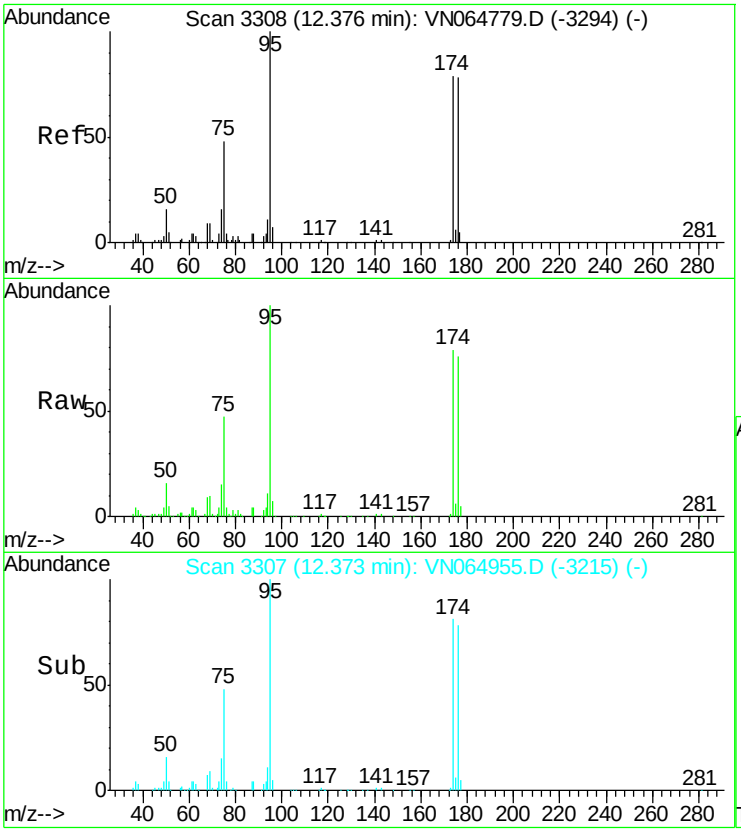


#50
Toluene-d8
Concen: 54.318 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 98 Resp: 427173

Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.7	77.5



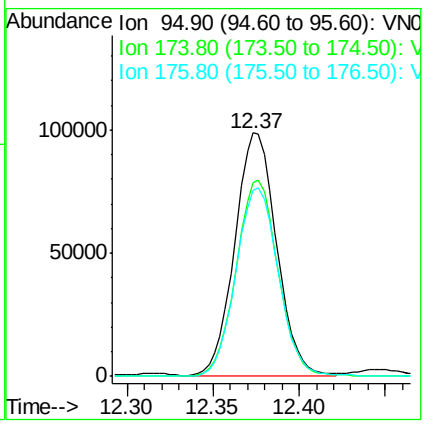


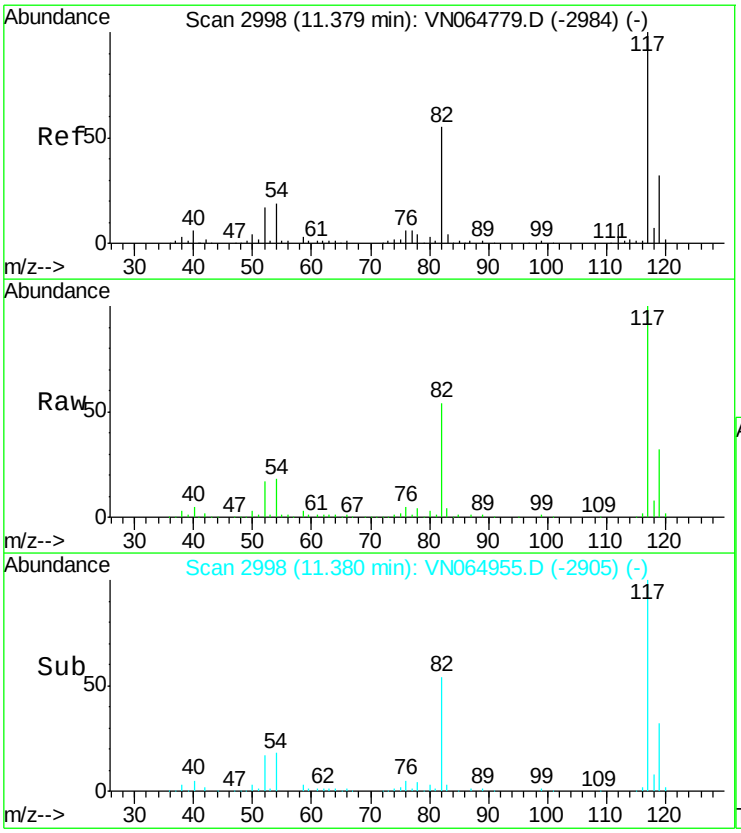
#62
4-Bromofluorobenzene
Concen: 59.009 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion: 95 Resp: 166079

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	160.4
176	79.0	0.0	158.4

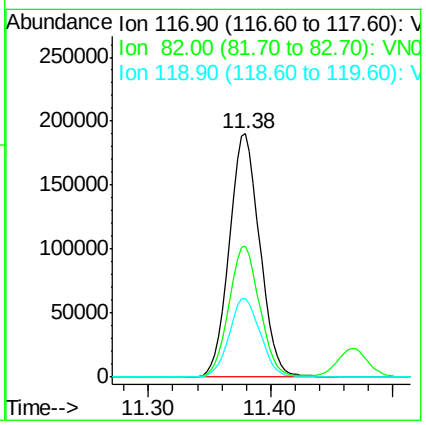


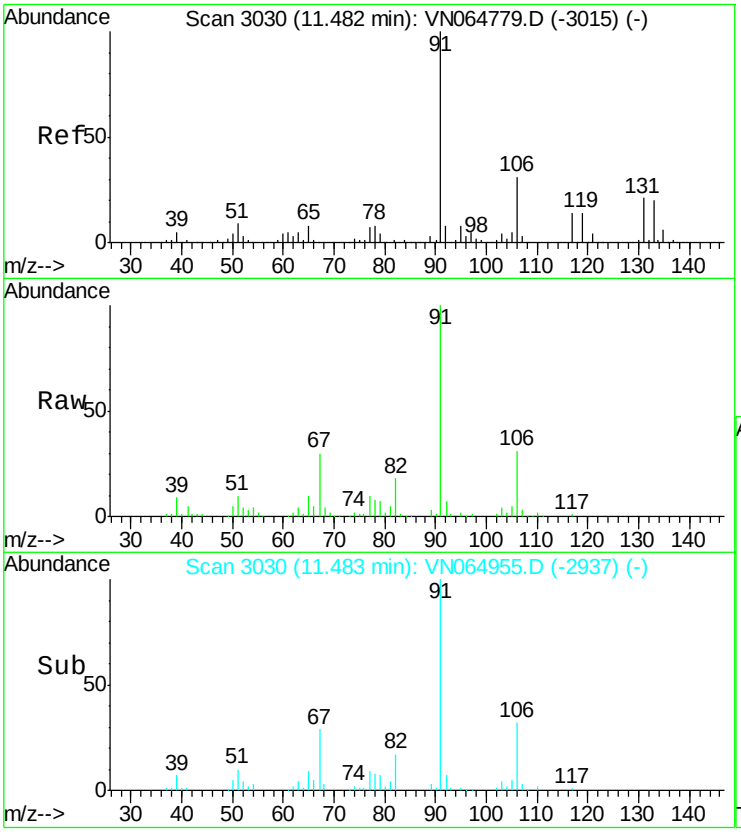


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:117 Resp: 331028

Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.2	66.2
119	32.4	25.8	38.6



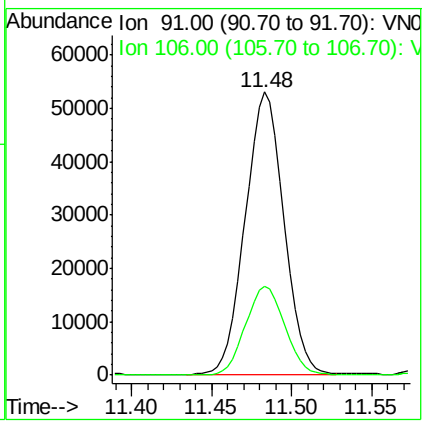


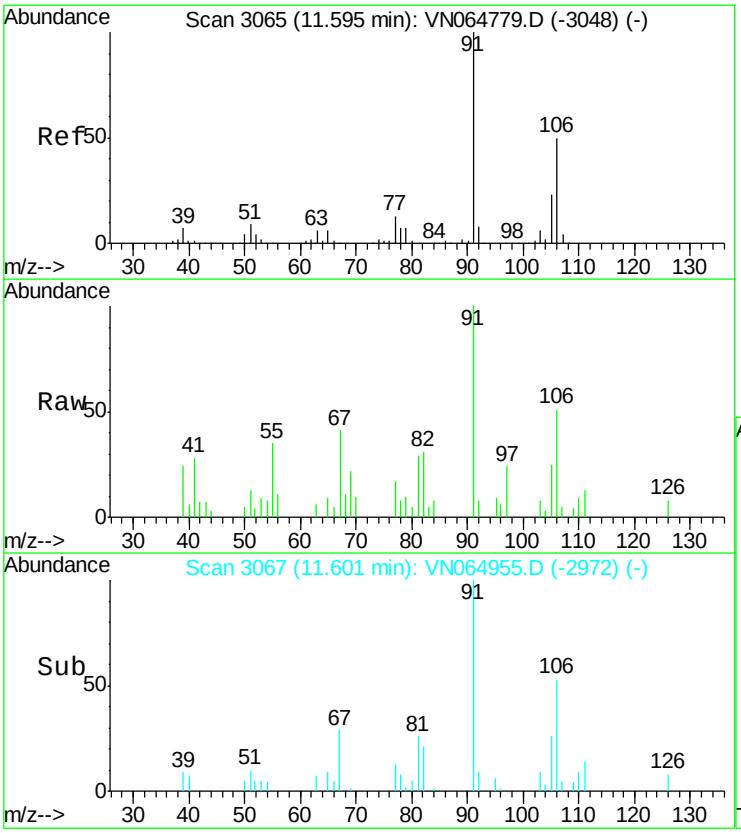
#67
Ethyl Benzene
Concen: 7.447 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion: 91 Resp: 88433

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8

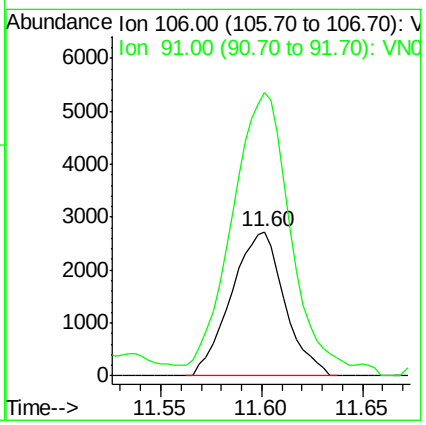


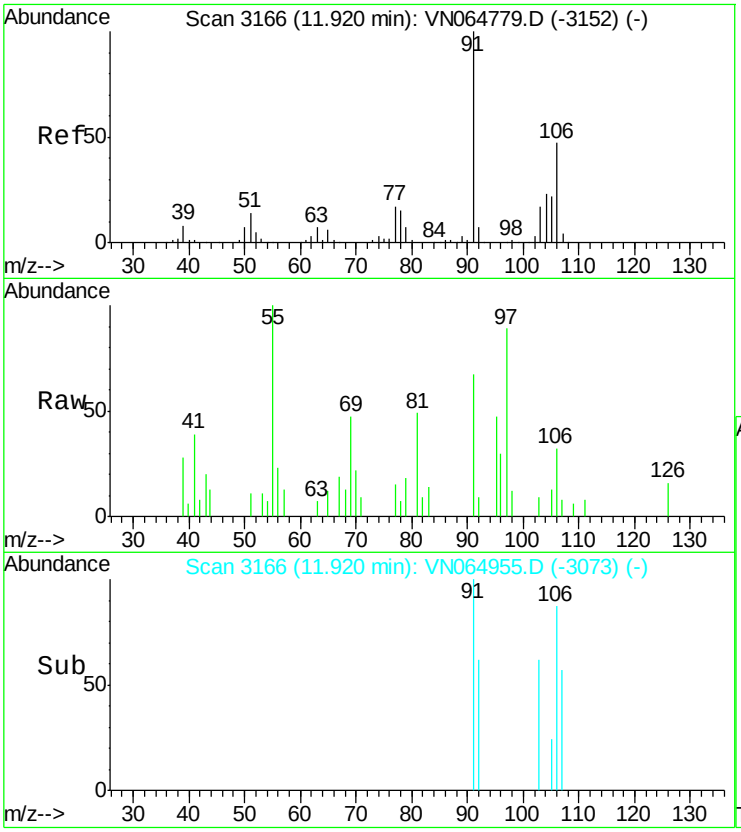


#68
m/p-Xylenes
Concen: 1.117 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:106 Resp: 5023

Ion	Ratio	Lower	Upper
106	100		
91	220.9	161.0	241.4



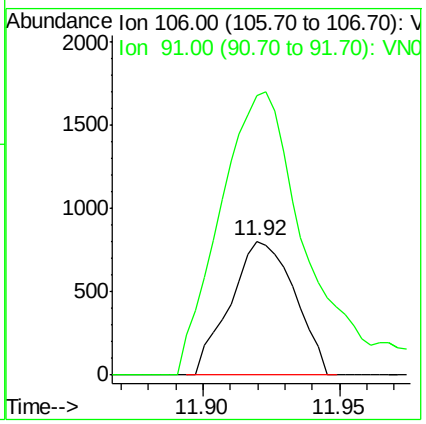


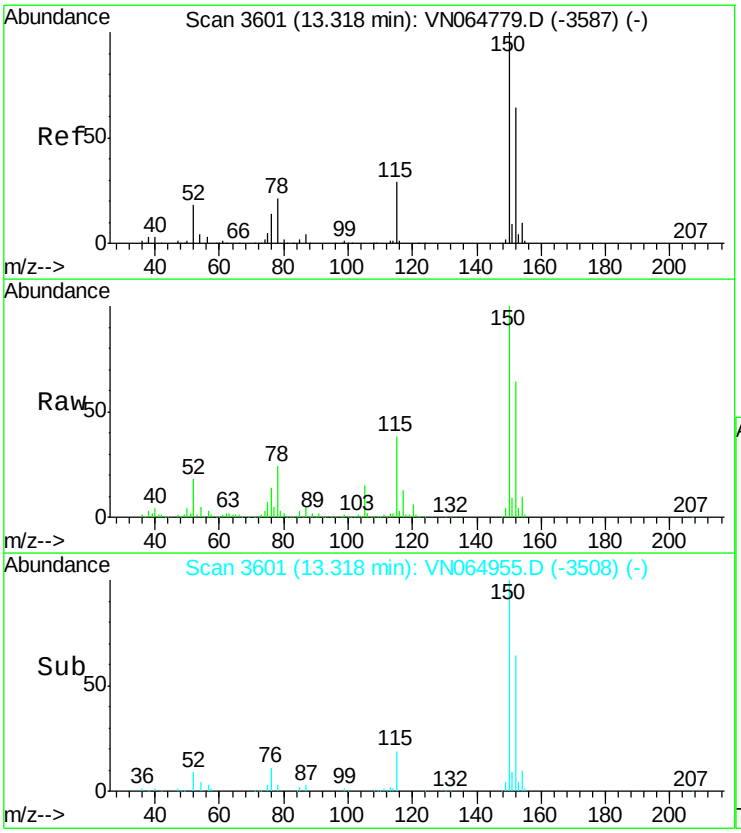
#69
o-Xylene
Concen: 0.308 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:106 Resp: 1316

Ion	Ratio	Lower	Upper
106	100		
91	284.6	105.5	316.5

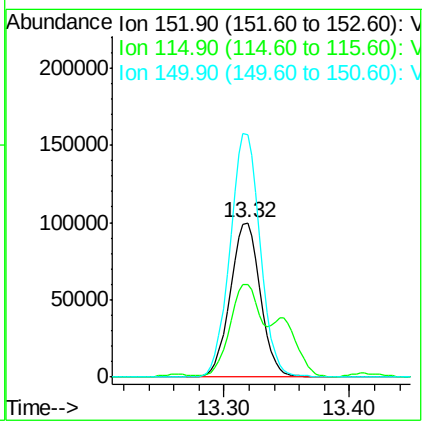


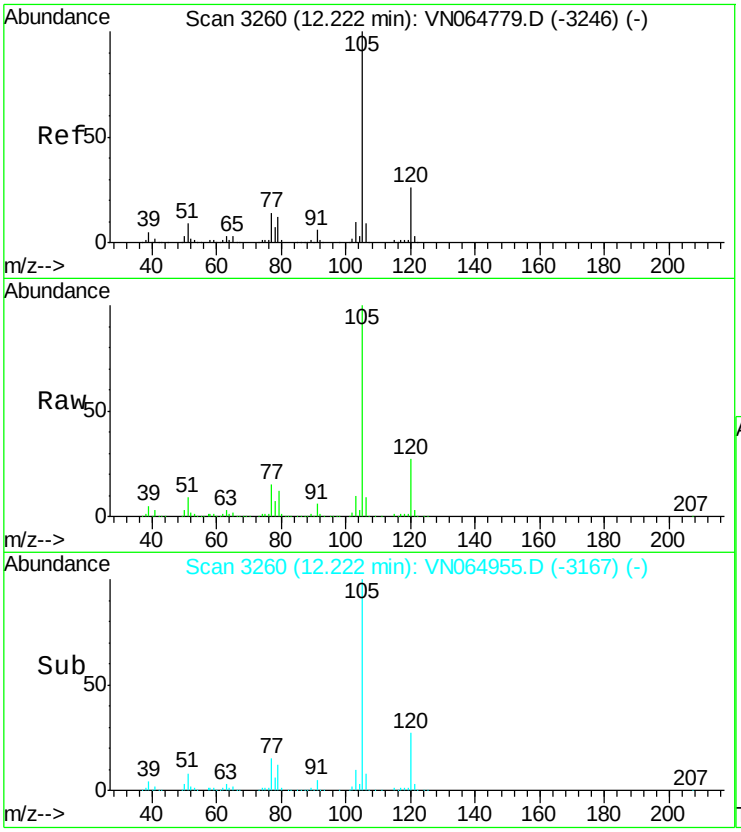


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:152 Resp: 166888

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.7	89.1
150	157.1	0.0	350.6



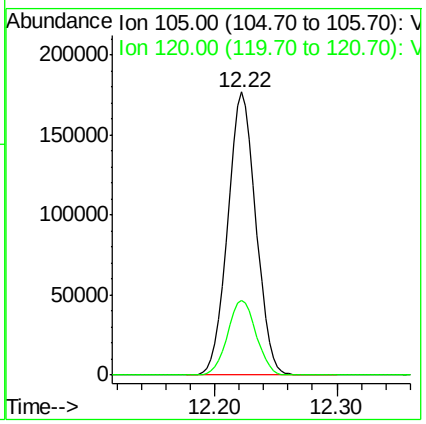


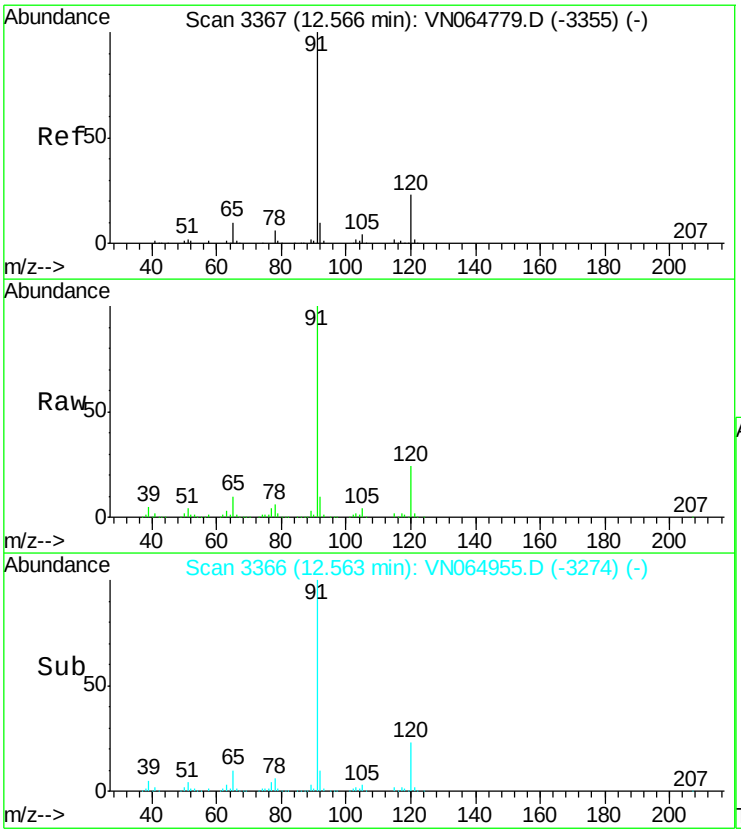
#73
Isopropylbenzene
Concen: 24.472 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:105 Resp: 284082

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.3	39.9

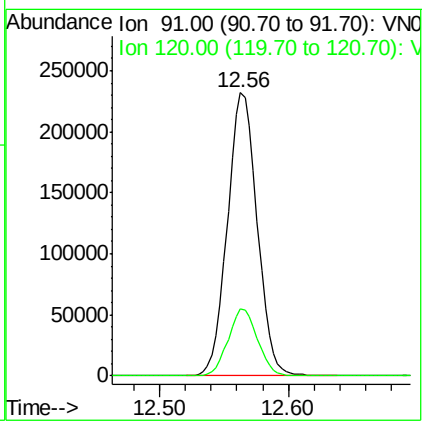


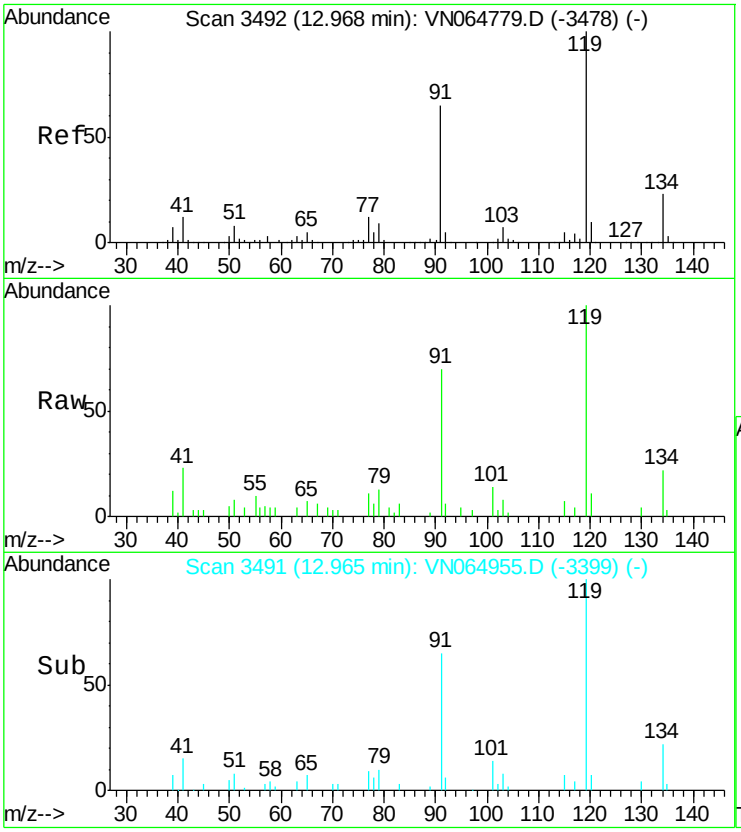


#78
n-propylbenzene
Concen: 28.003 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion: 91 Resp: 370316

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.7



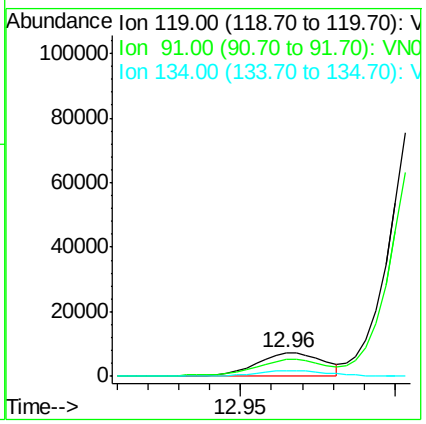


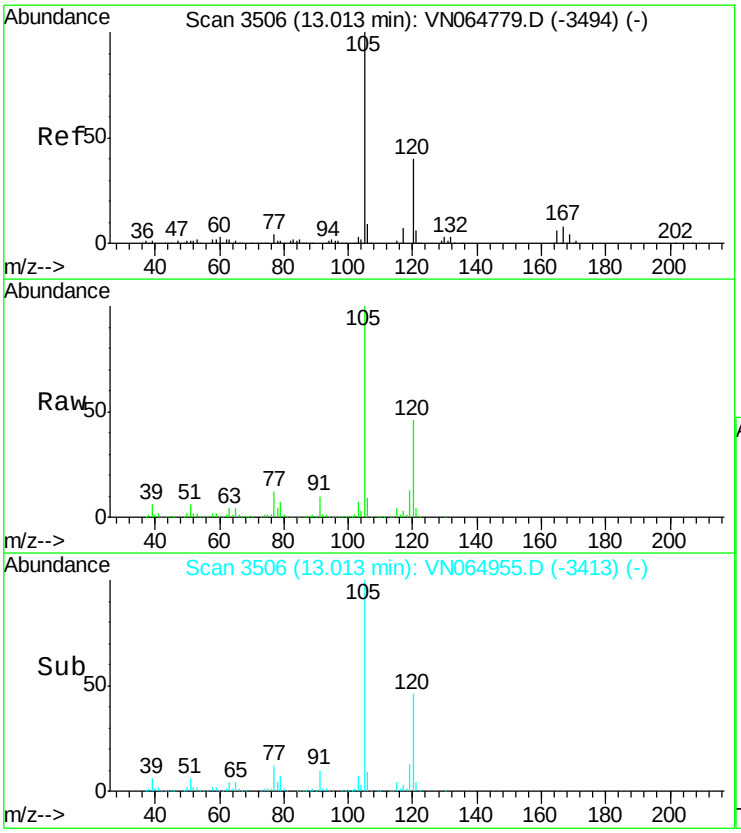
#83
tert-Butylbenzene
Concen: 1.370 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:119 Resp: 11081

Ion	Ratio	Lower	Upper
119	100		
91	71.2	32.3	96.8
134	24.9	12.6	37.6

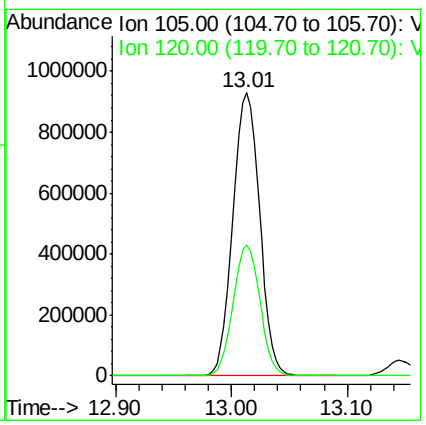


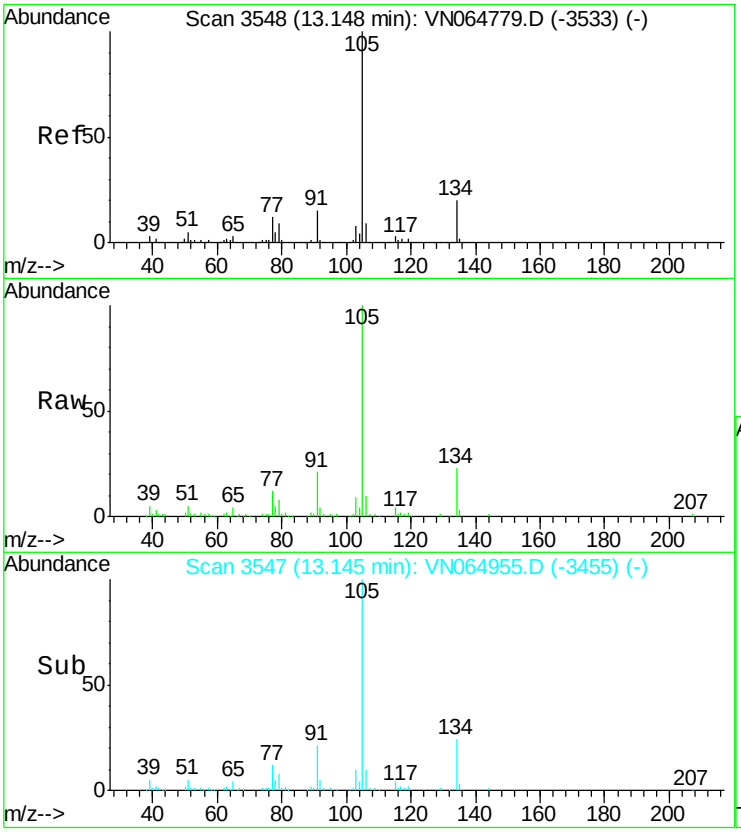


#84
1,2,4-Trimethylbenzene
Concen: 151.906 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:105 Resp: 1481918

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



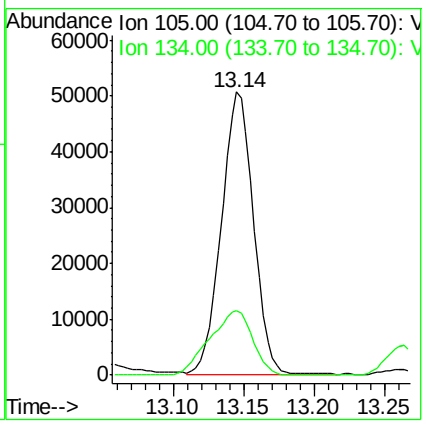


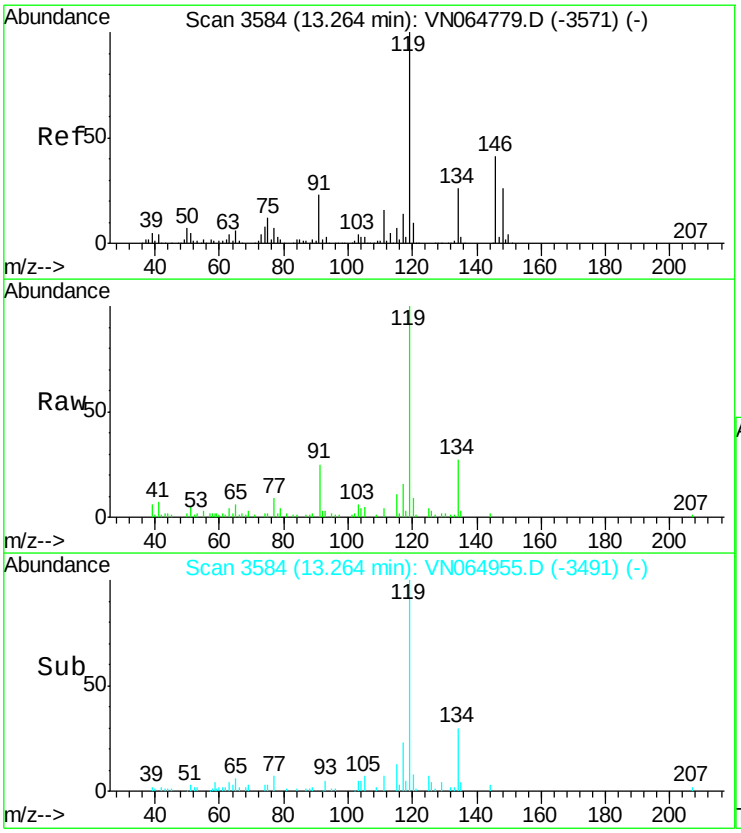
#85
sec-Butylbenzene
Concen: 7.446 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion:105 Resp: 79957

Ion	Ratio	Lower	Upper
105	100		
134	30.4	10.1	30.1#

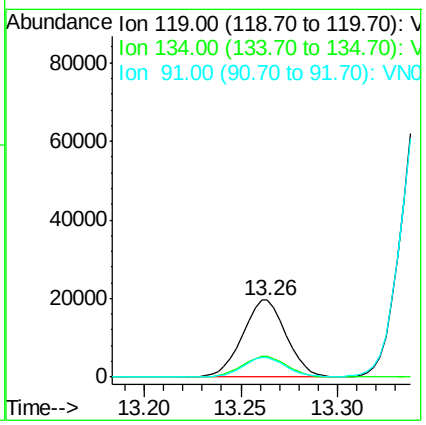


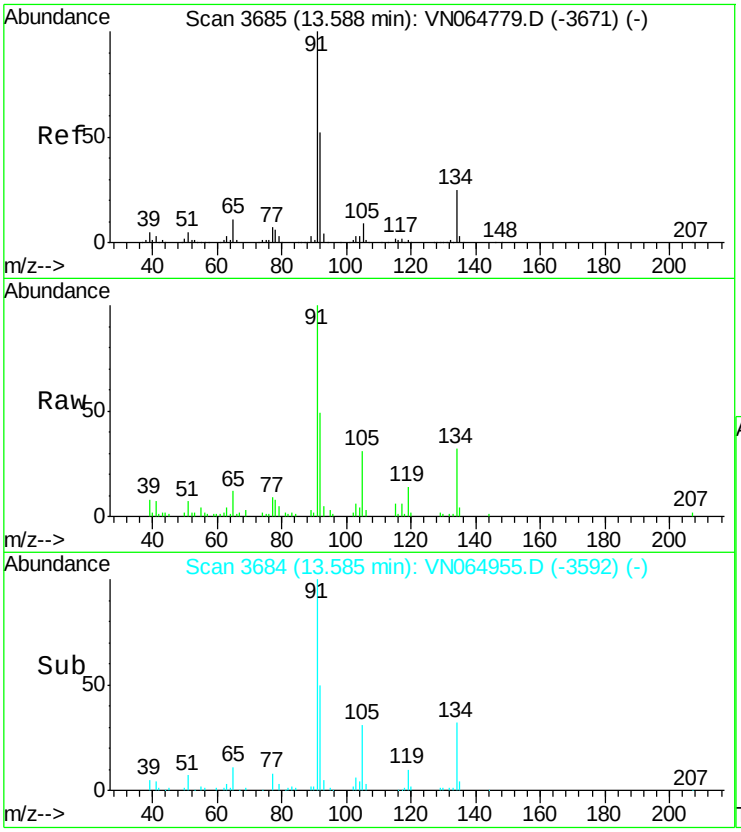


#86
p-Isopropyltoluene
Concen: 3.138 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:119 Resp: 30682

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.1
91	25.4	11.5	34.5



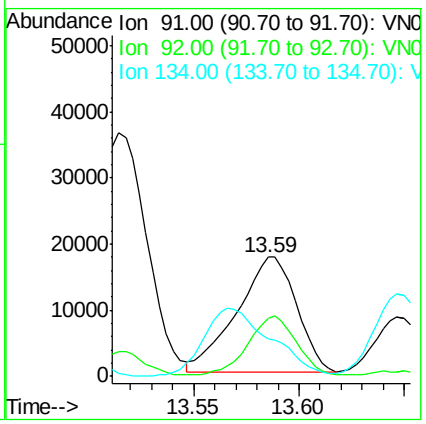


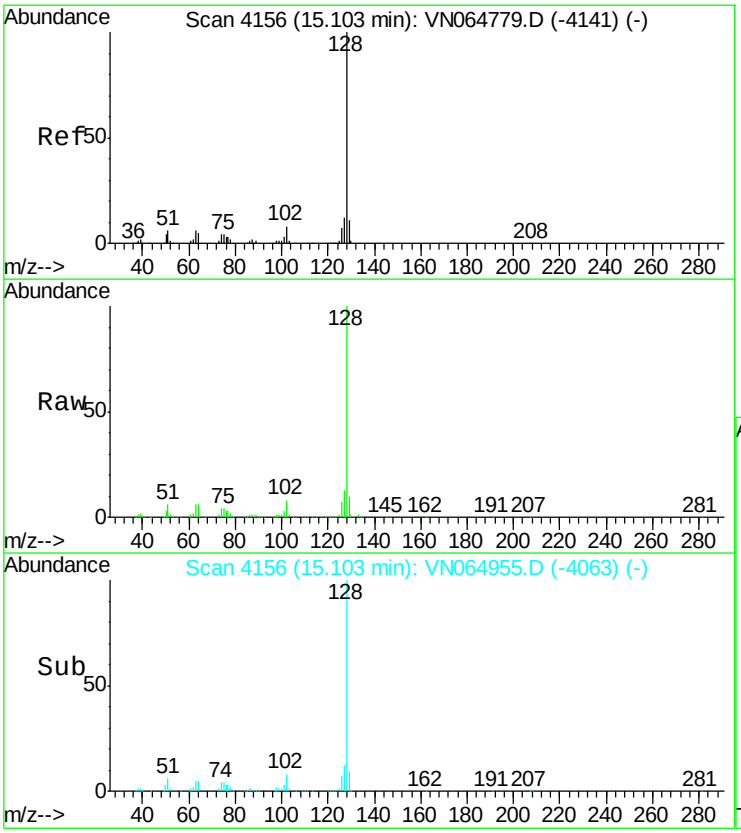
#89
n-Butylbenzene
Concen: 3.950 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Instrument :
MSVOA_N
ClientSampleId :
SS013-13-6703-120220RE

Tgt Ion: 91 Resp: 33916

Ion	Ratio	Lower	Upper
91	100		
92	41.7	26.0	78.0
134	0.0	12.9	38.6#





#95
Naphthalene
Concen: 38.374 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064955.D
Acq: 7 Dec 2020 19:12

Tgt Ion:128 Resp: 388263

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	10.5	8.7	13.1