Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100720\
Data File : VN063977.D
Acq On : 8 Oct 2020 6:29
Operator : JC/MD
Sample : L4278-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW1

Quant Time: Oct 08 07:06:10 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	259194	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	460723	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	471004	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204192	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	211449	49.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.76%				
35) Dibromofluoromethane	7.55	113	153975	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
50) Toluene-d8	10.06	98	581283	47.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.92%				
62) 4-Bromofluorobenzene	12.38	95	234414	51.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.92%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.74	59	24741	52.334	ug/l		97
16) Acetone	3.78	43	27247	20.671	ug/l		95
17) Carbon Disulfide	4.02	76	6205	1.568	ug/l	#	87
22) Diisopropyl ether	5.90	45	13607	1.364	ug/l		92
31) Cyclohexane	7.61	56	87887	17.679	ug/l		96
39) Methylcyclohexane	9.05	83	31205	6.704	ug/l		97
40) Benzene	8.00	78	1646142	123.475	ug/l		99
52) Toluene	10.12	92	21621	2.622	ug/l		99
67) Ethyl Benzene	11.48	91	6306	0.359	ug/l		92
68) m/p-Xylenes	11.60	106	18185	2.775	ug/l		96
69) o-Xylene	11.92	106	7658	1.250	ug/l		90
73) Isopropylbenzene	12.23	105	79969	5.369	ug/l		100
78) n-propylbenzene	12.57	91	165832	9.567	ug/l		98
84) 1,2,4-Trimethylbenzene	13.02	105	5423	0.435	ug/l		96
85) sec-Butylbenzene	13.14	105	8171	0.609	ug/l		97
89) n-Butylbenzene	13.59	91	7651m	0.698	ug/l		

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

Quantitation Report (LSC Reviewed)

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MW1

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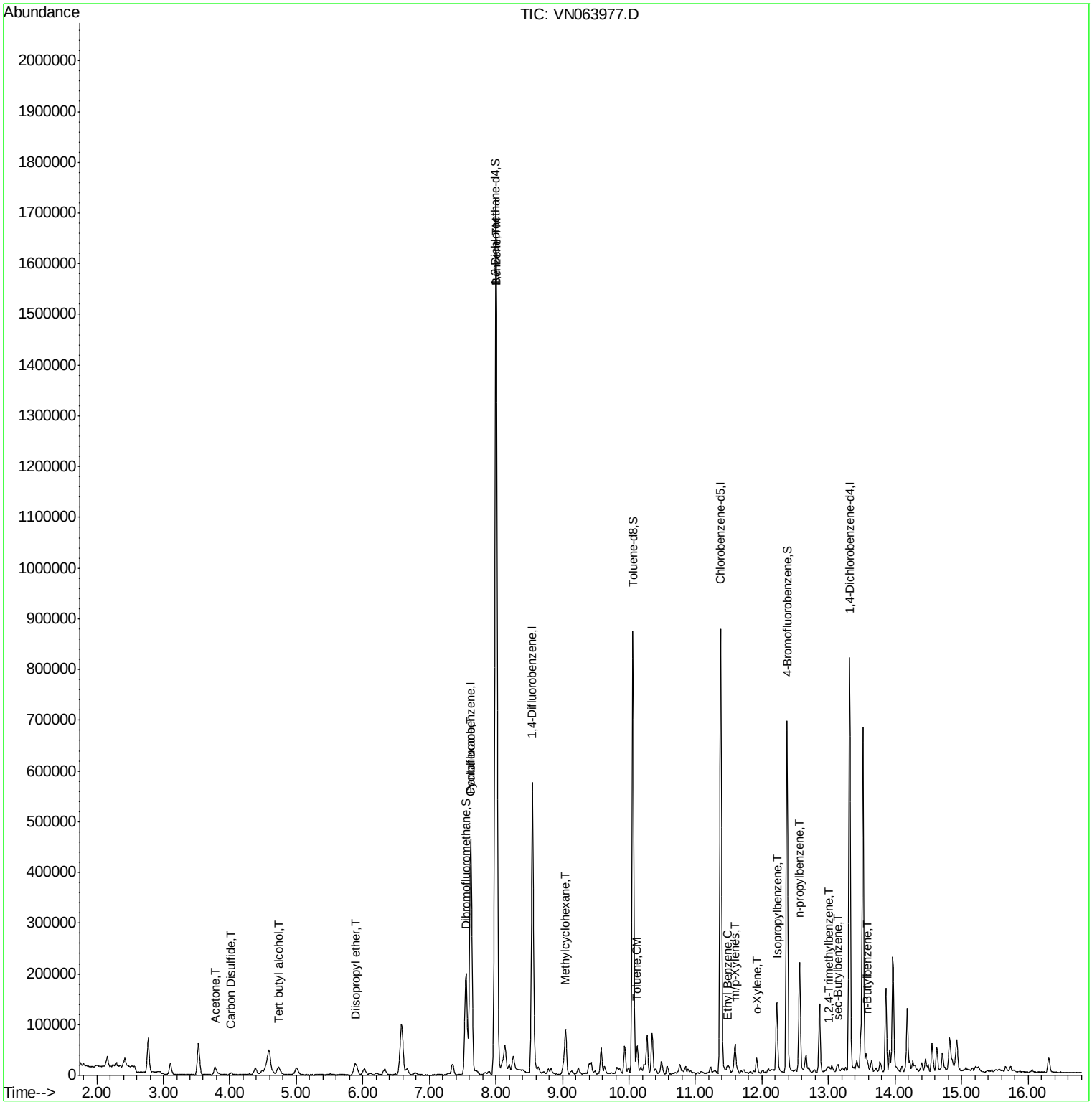
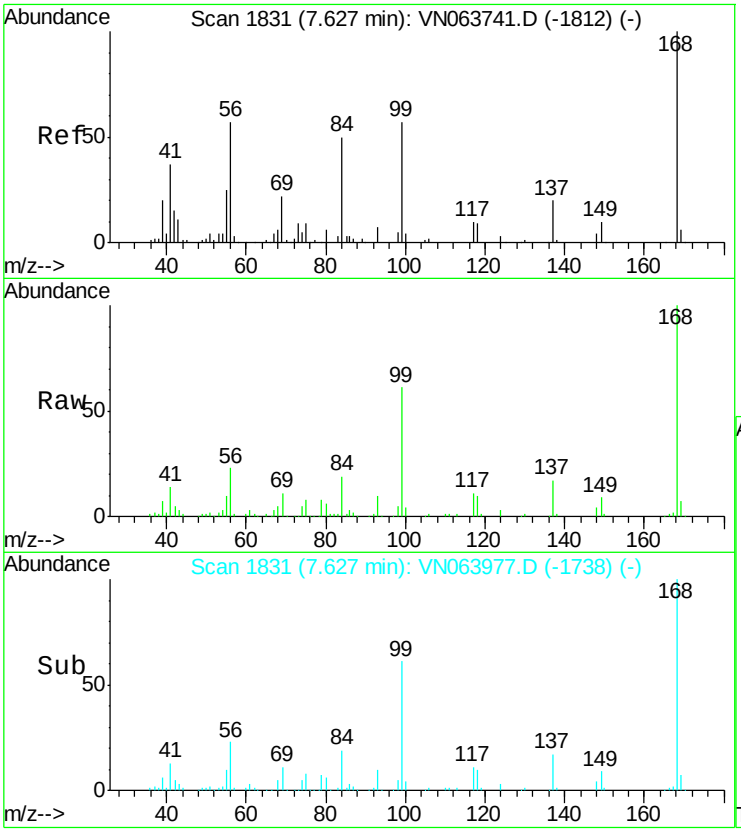
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



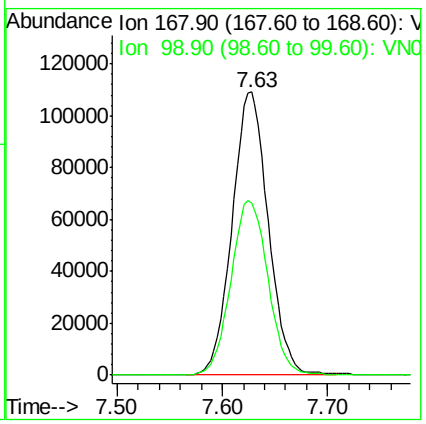


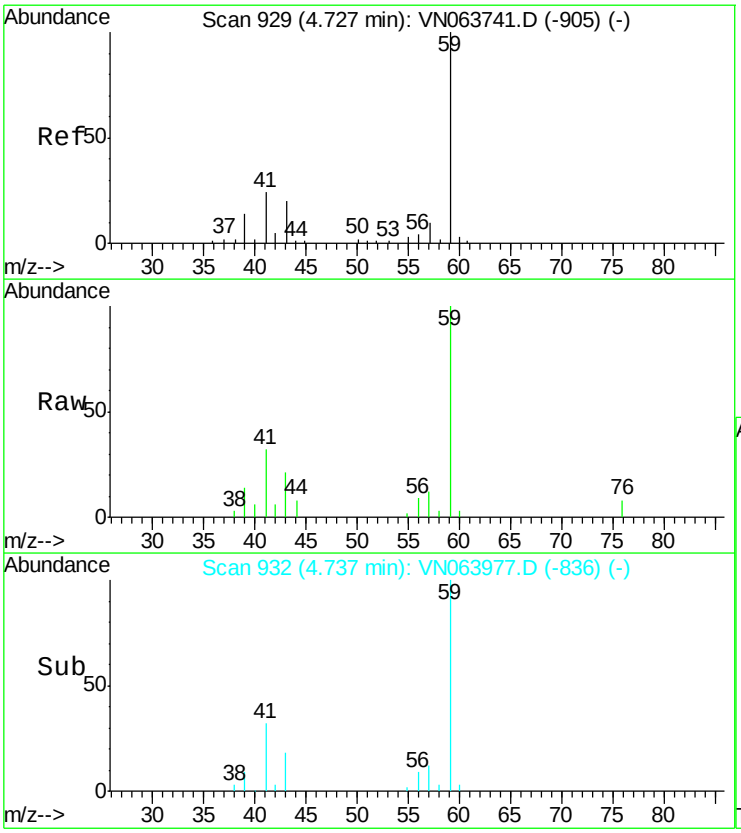
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:168 Resp: 259194

Ion	Ratio	Lower	Upper
168	100		
99	60.9	51.8	77.6

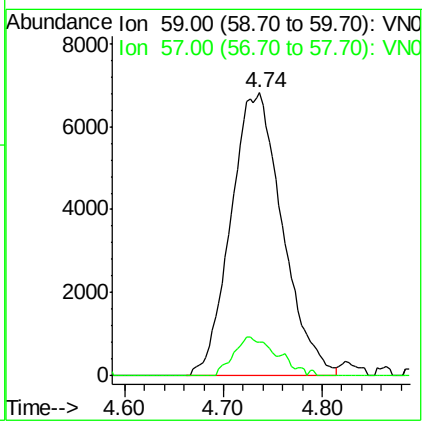


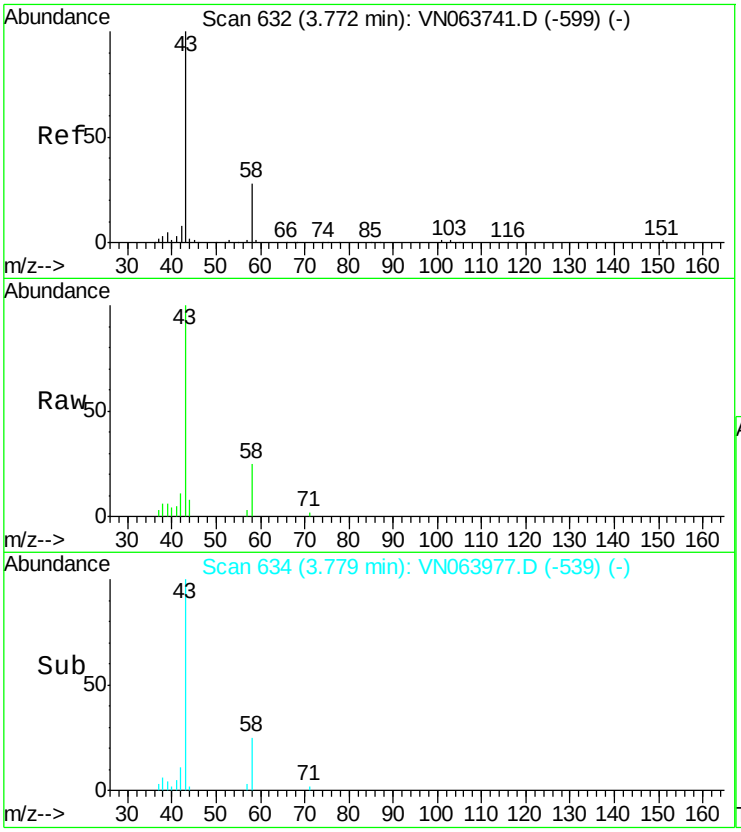


#11
Tert butyl alcohol
Concen: 52.334 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 59 Resp: 24741

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.7	13.1



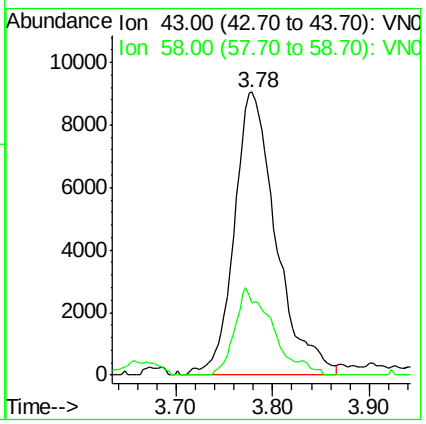


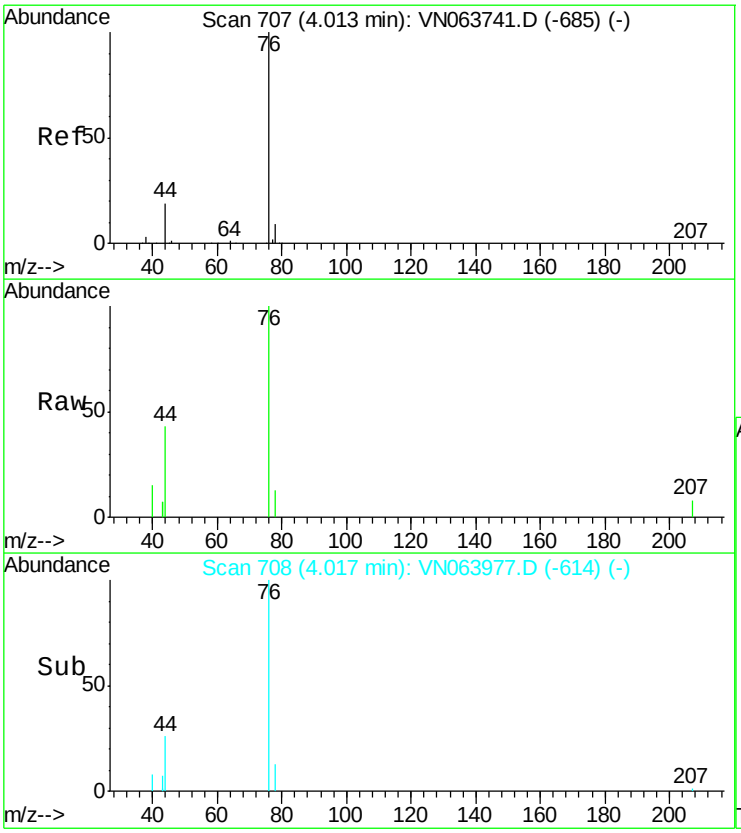
#16
Acetone
Concen: 20.671 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 43 Resp: 27247

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.3	33.5

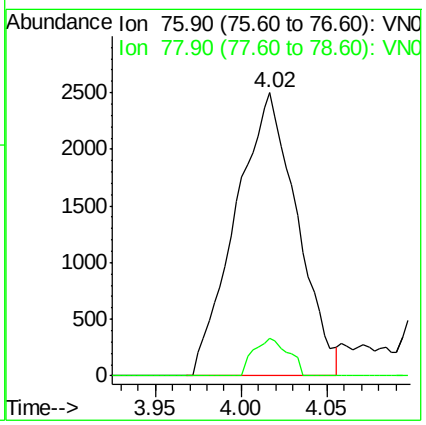


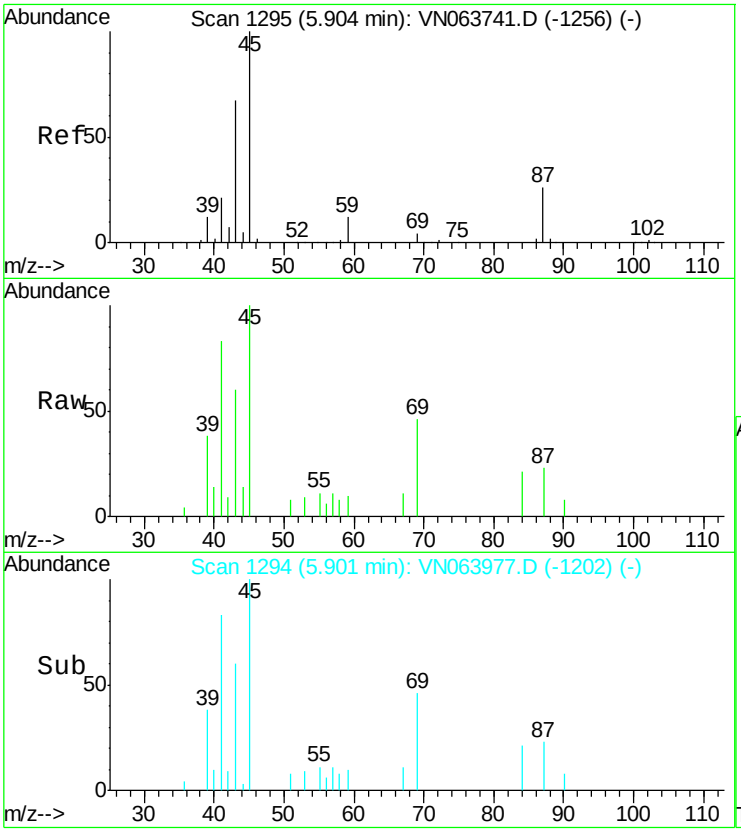


#17
Carbon Disulfide
Concen: 1.568 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 76 Resp: 6205

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.0	10.4#



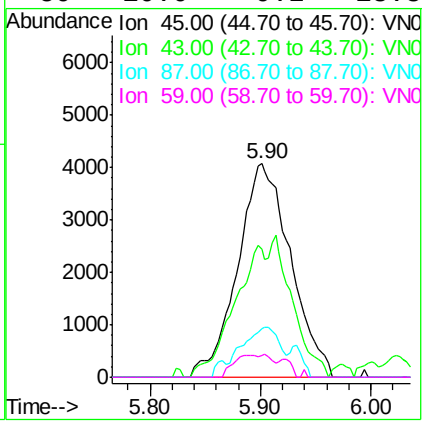


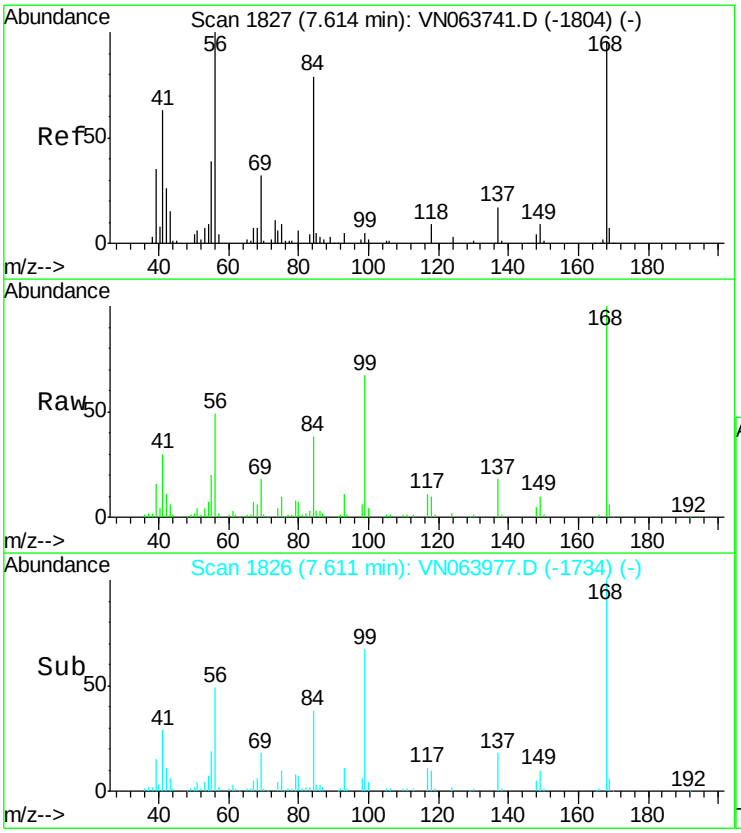
#22
Diisopropyl ether
Concen: 1.364 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument : MSVOA_N
ClientSampleId : MW1

Tgt Ion: 45 Resp: 13607

Ion	Ratio	Lower	Upper
45	100		
43	59.7	53.7	80.5
87	22.6	21.1	31.7
59	10.0	9.2	13.8

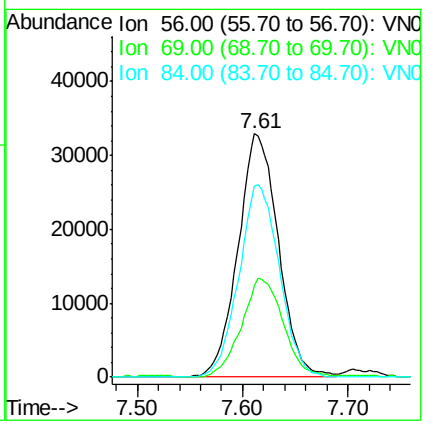


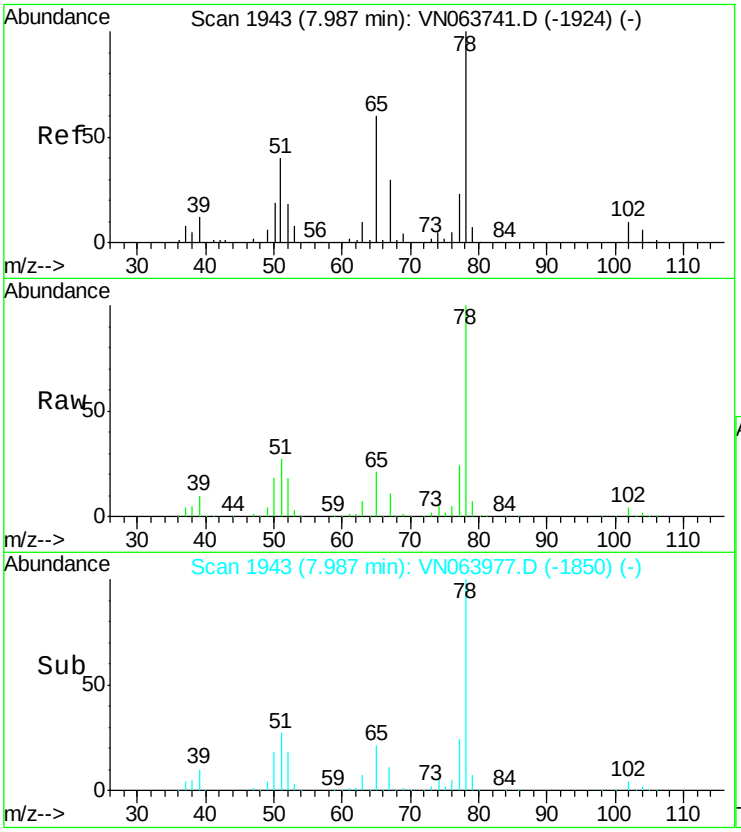


#31
Cyclohexane
Concen: 17.679 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 56 Resp: 87887

Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.4	38.2
84	78.3	63.3	94.9



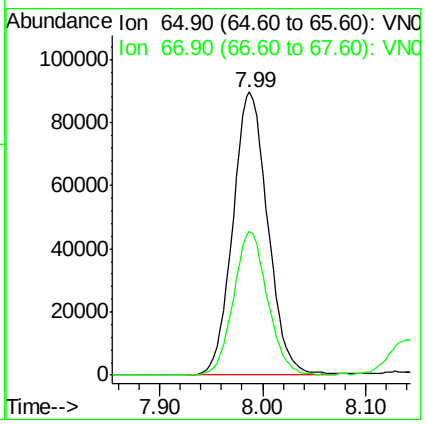


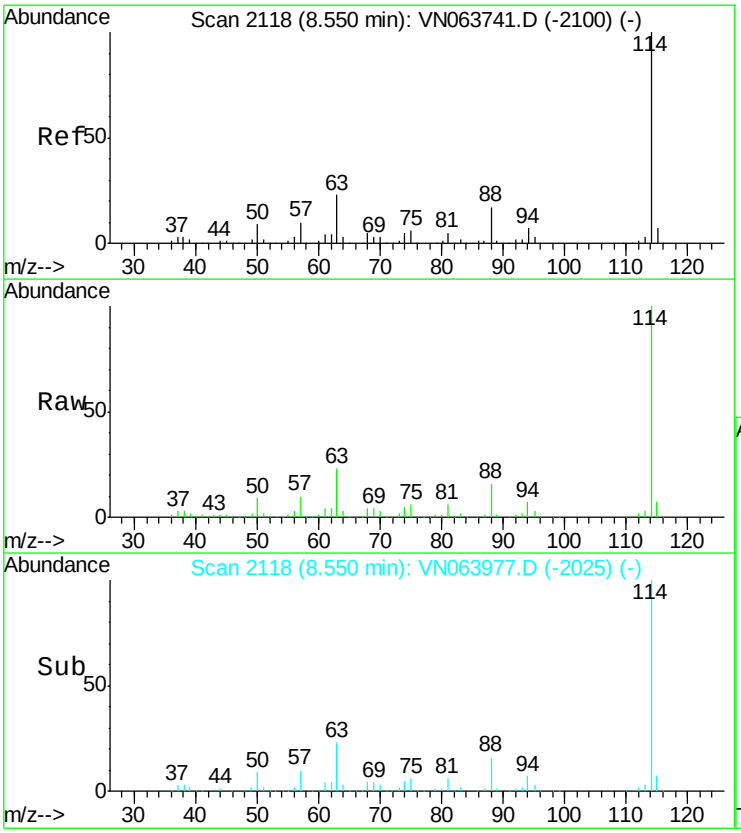
#33
1,2-Dichloroethane-d4
Concen: 49.380 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 65 Resp: 211449

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.6

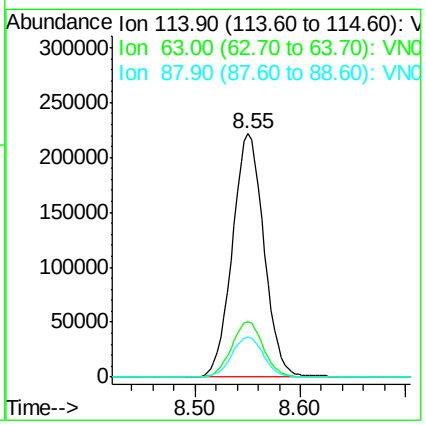


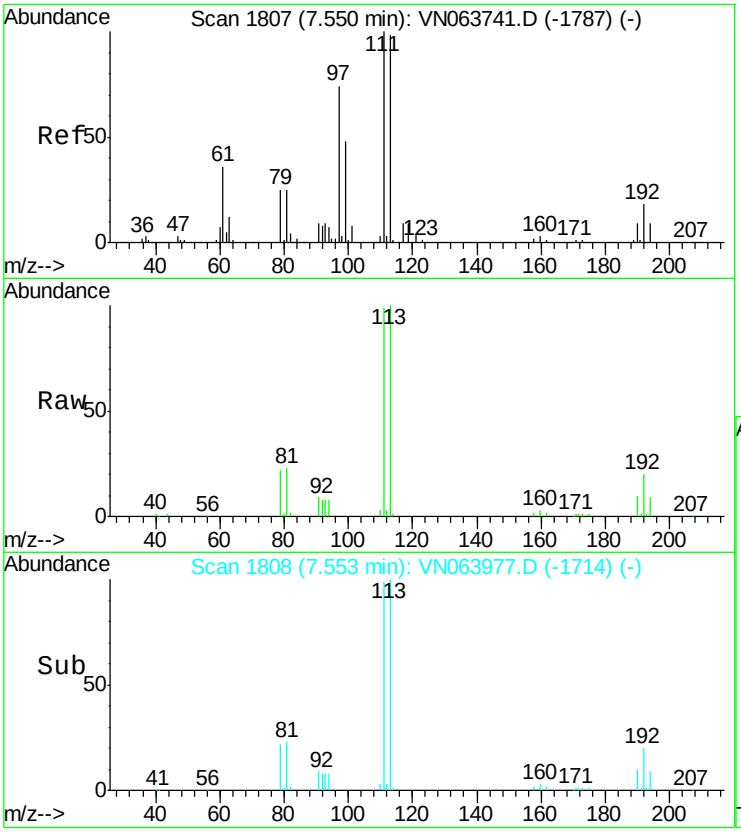


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:114 Resp: 460723

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.0
88	16.4	0.0	34.0



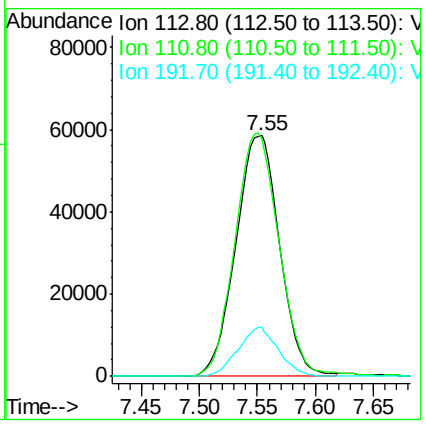


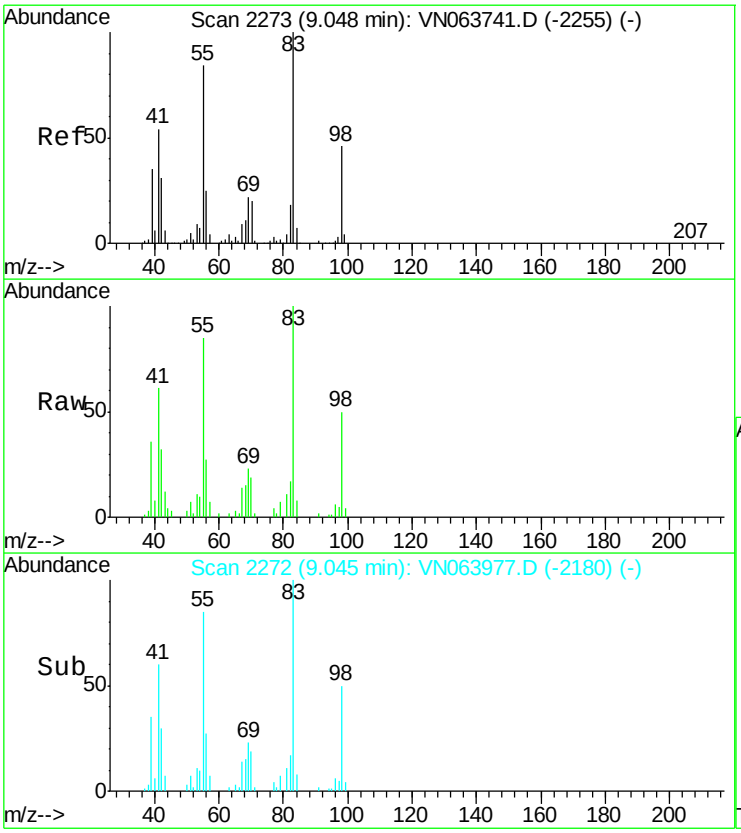
#35
Dibromofluoromethane
Concen: 48.165 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:113 Resp: 153975

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	18.8	14.2	21.2

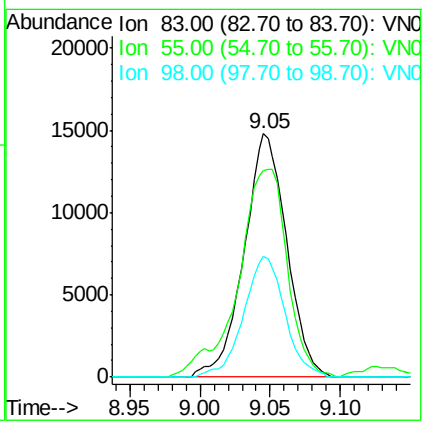


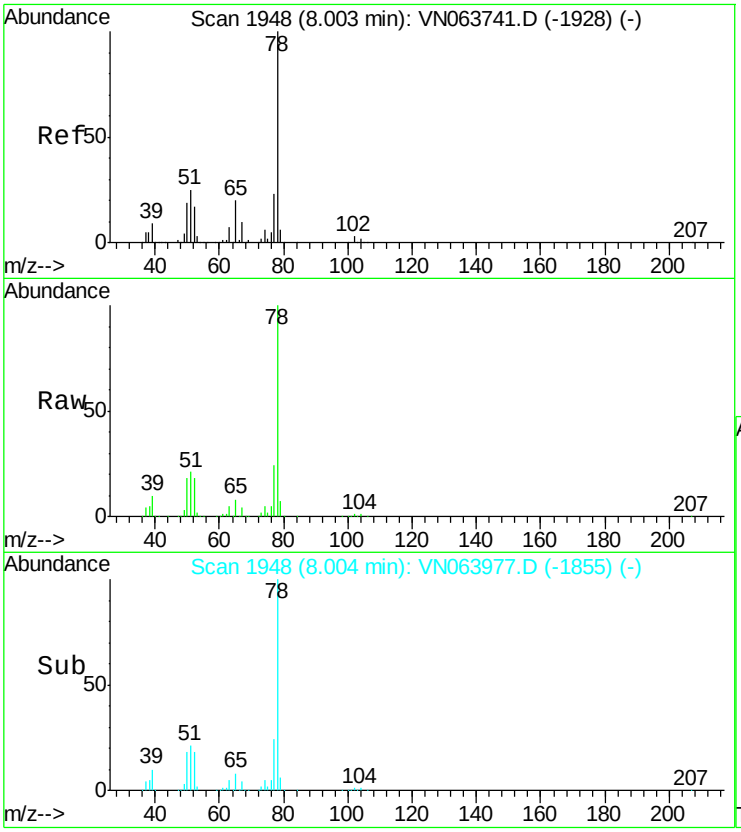


#39
Methylcyclohexane
Concen: 6.704 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 83 Resp: 31205

Ion	Ratio	Lower	Upper
83	100		
55	84.7	67.1	100.7
98	49.6	36.6	54.8



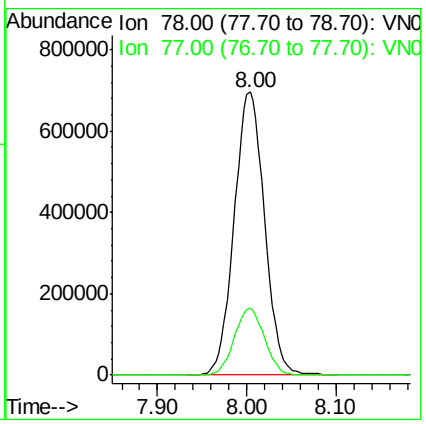


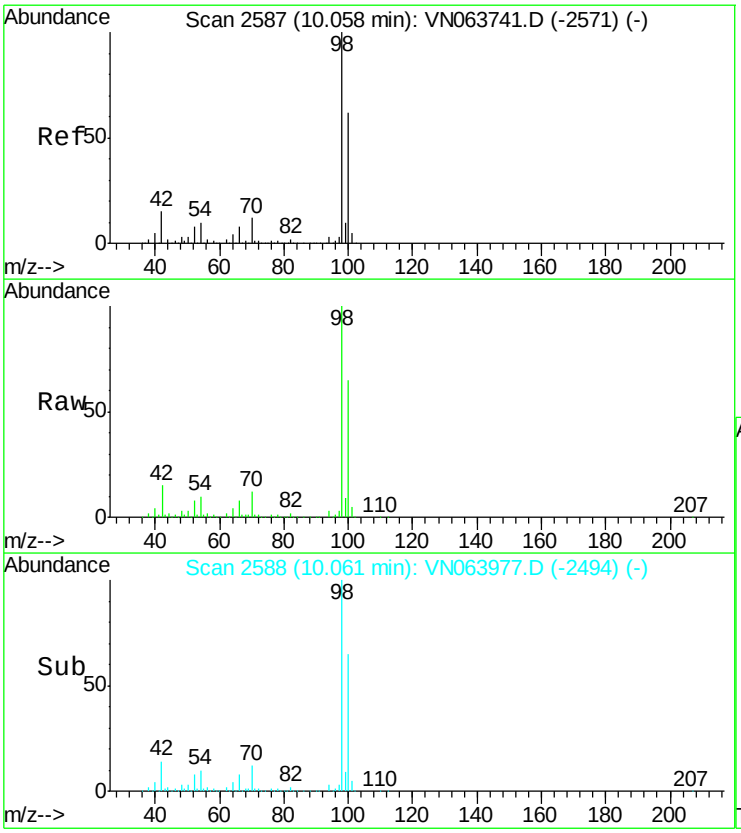
#40
Benzene
Concen: 123.475 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 78 Resp: 1646142

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

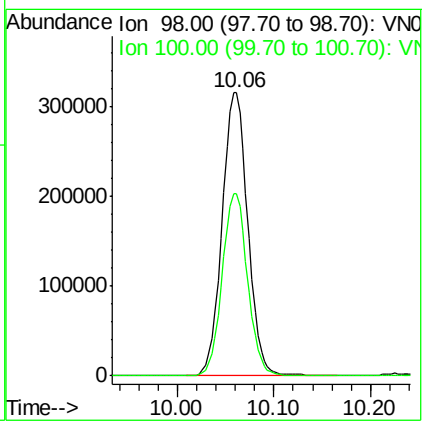


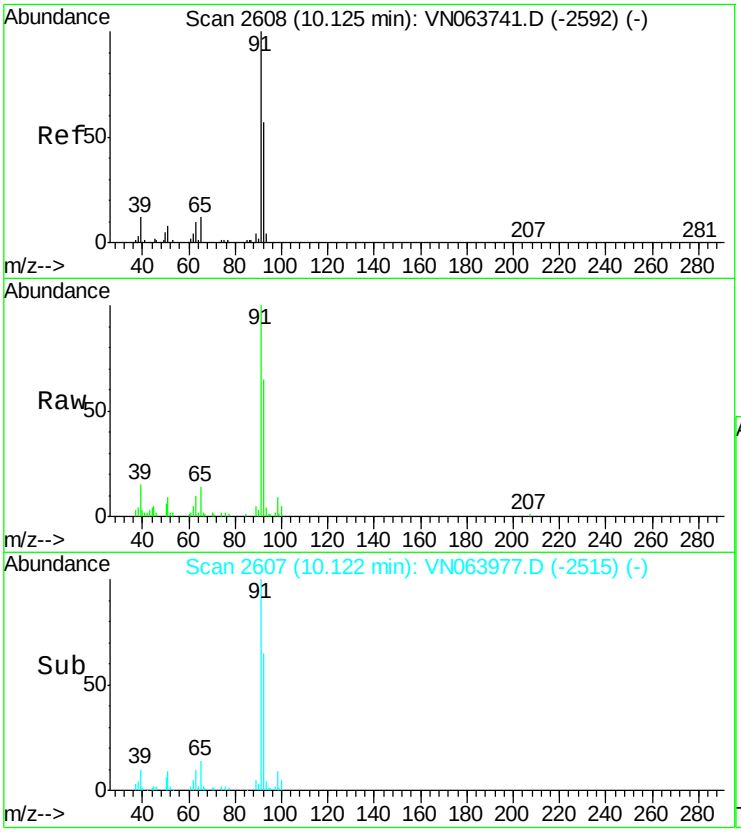


#50
Toluene-d8
Concen: 47.965 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 98 Resp: 581283

Ion	Ratio	Lower	Upper
98	100		
100	63.7	49.8	74.6



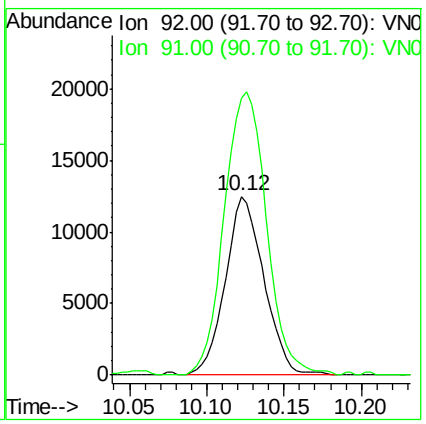


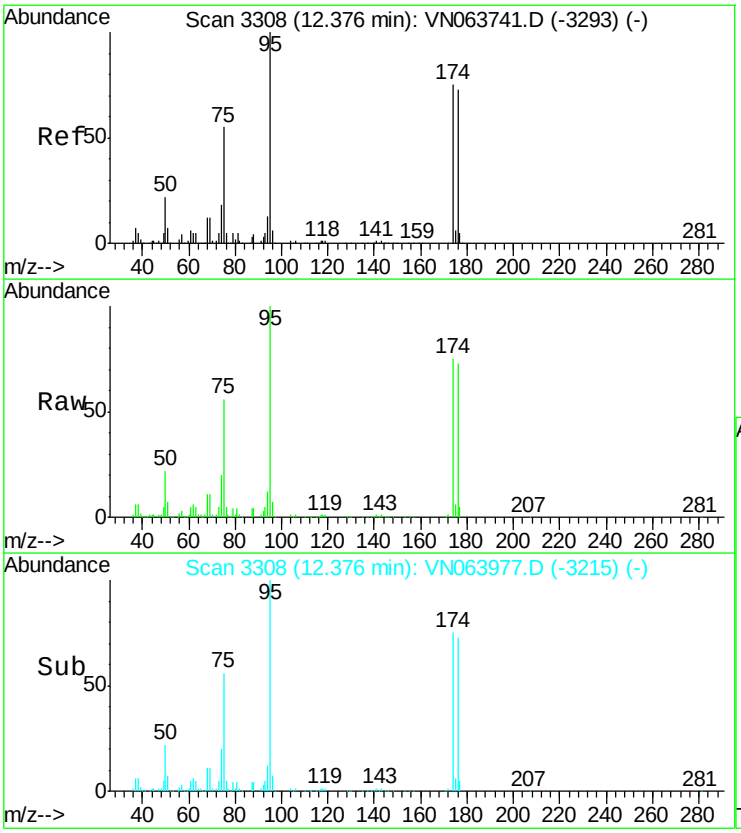
#52
Toluene
Concen: 2.622 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 92 Resp: 21621

Ion	Ratio	Lower	Upper
92	100		
91	173.8	140.6	210.8

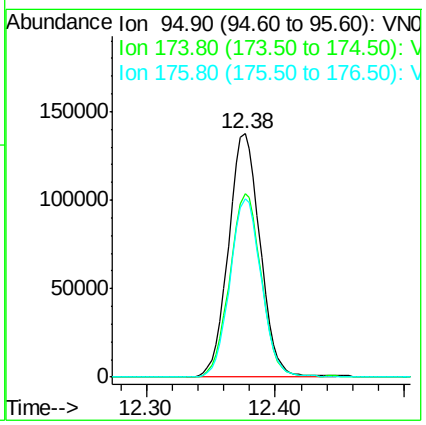


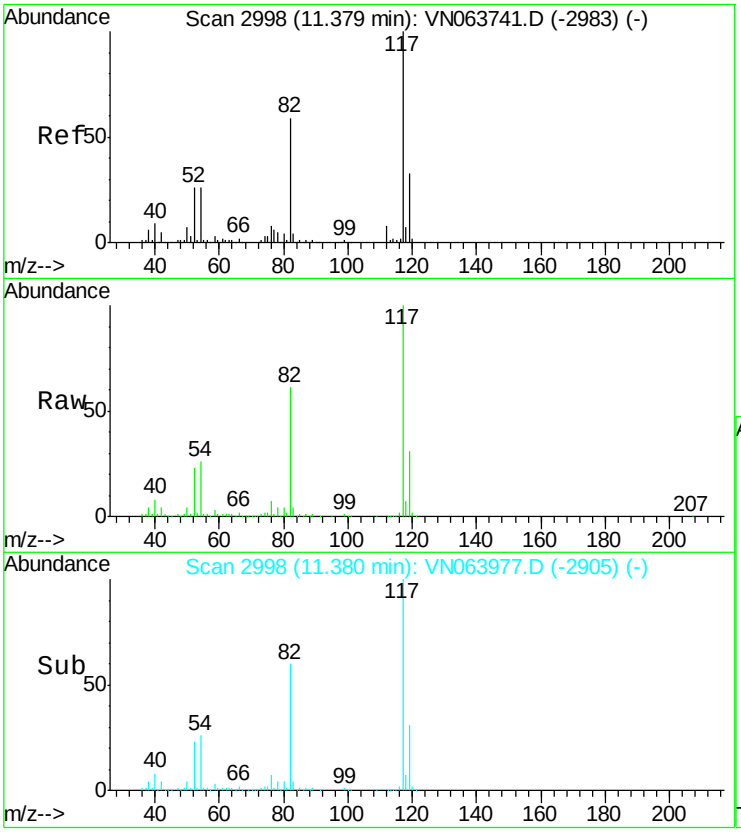


#62
4-Bromofluorobenzene
Concen: 51.456 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 95 Resp: 234414

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.6
176	72.7	0.0	145.4



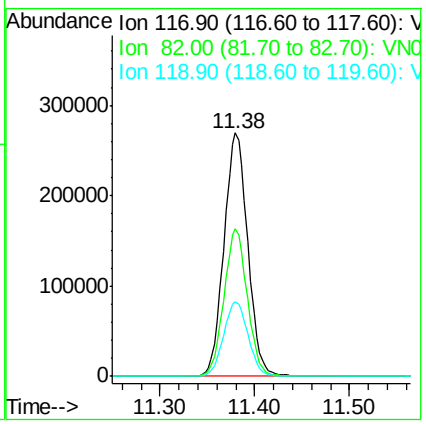


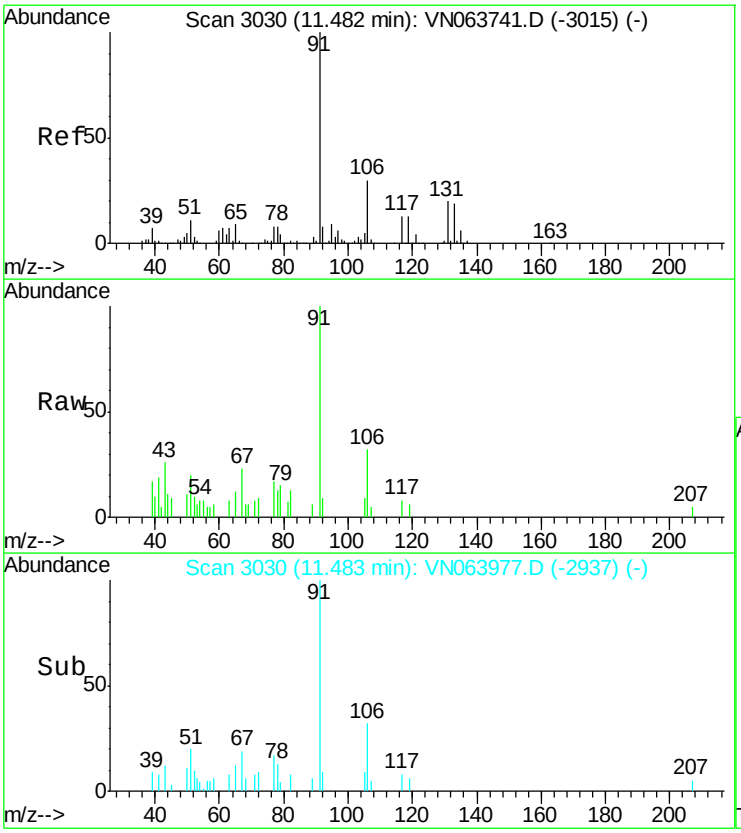
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument : MSVOA_N
ClientSampleId : MW1

Tgt Ion:117 Resp: 471004

Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	30.7	26.4	39.6

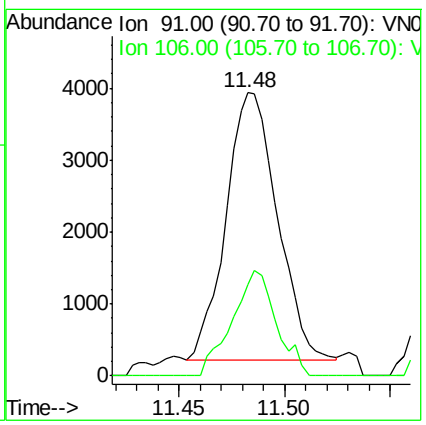


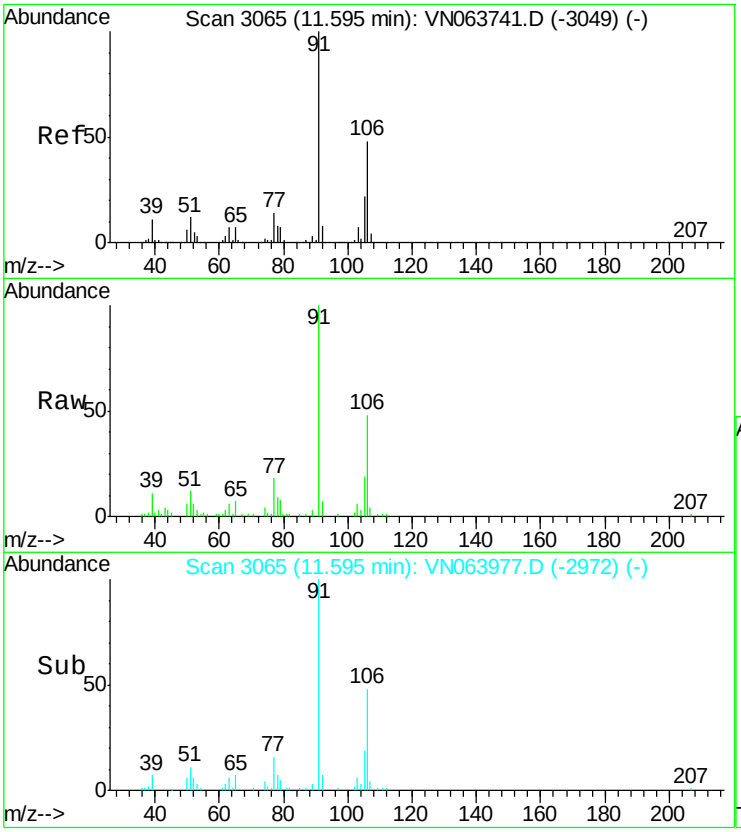


#67
Ethyl Benzene
Concen: 0.359 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 91 Resp: 6306

Ion	Ratio	Lower	Upper
91	100		
106	34.3	24.2	36.2



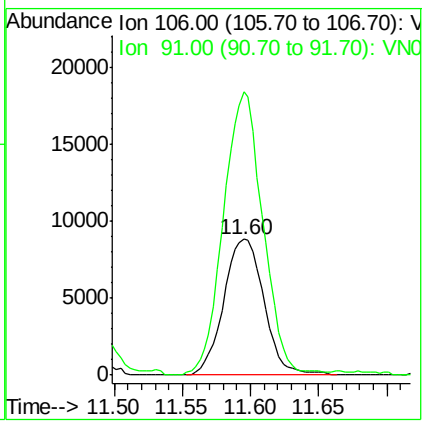


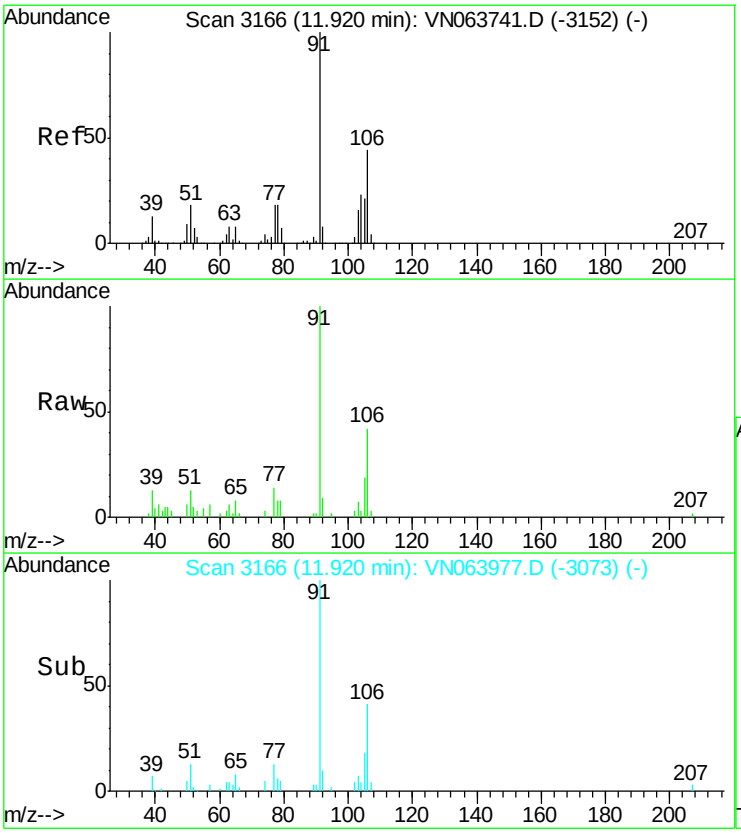
#68
m/p-Xylenes
Concen: 2.775 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:106 Resp: 18185

Ion	Ratio	Lower	Upper
106	100		
91	203.4	168.0	252.0

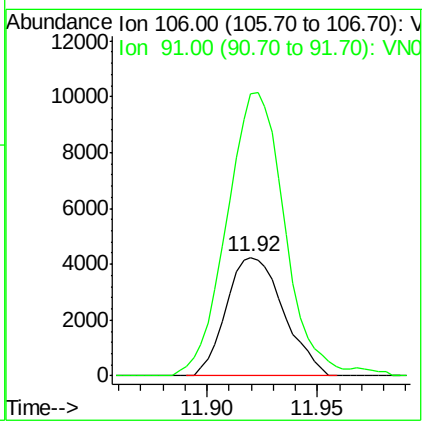


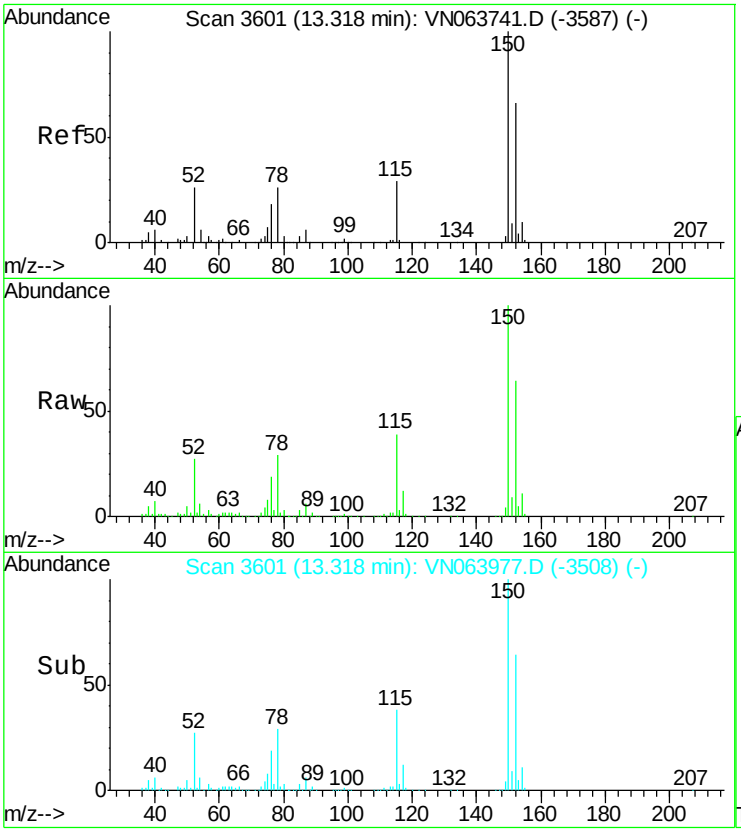


#69
o-Xylene
Concen: 1.250 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:106 Resp: 7658

Ion	Ratio	Lower	Upper
106	100		
91	241.6	112.7	338.0



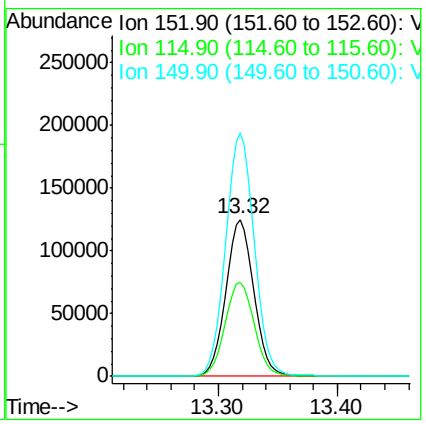


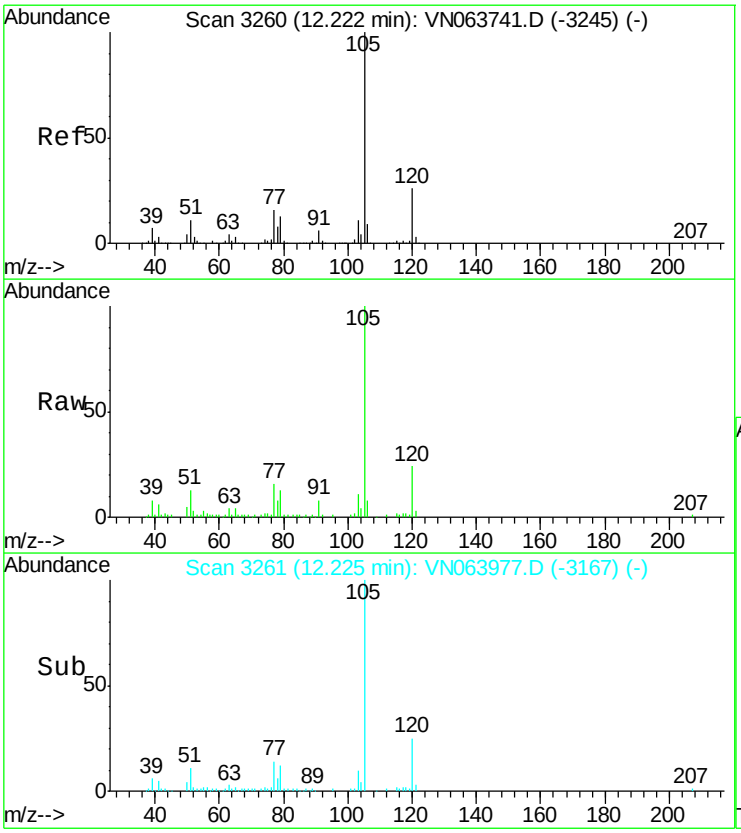
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:152 Resp: 204192

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.3	93.8
150	159.0	0.0	341.8

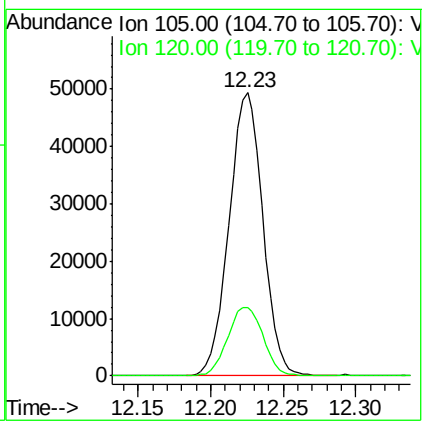


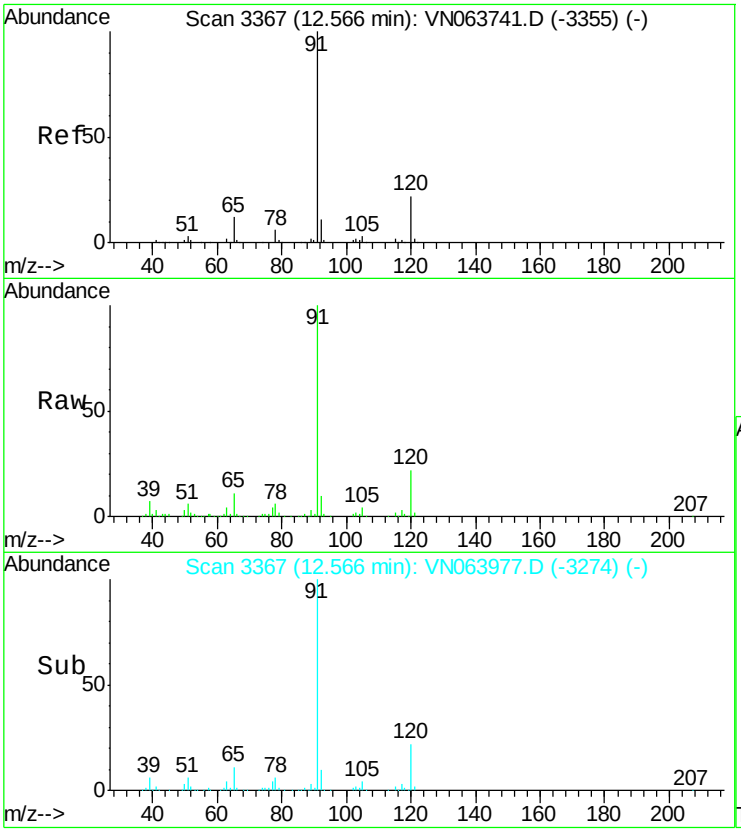


#73
Isopropylbenzene
Concen: 5.369 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:105 Resp: 79969

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.6	37.8



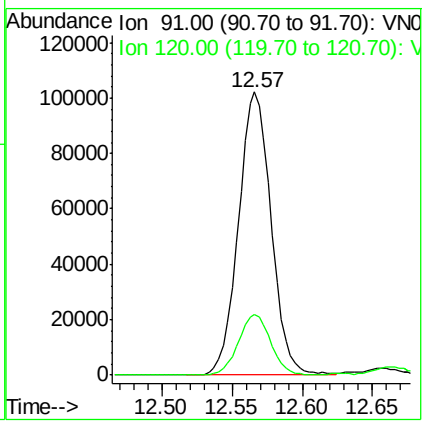


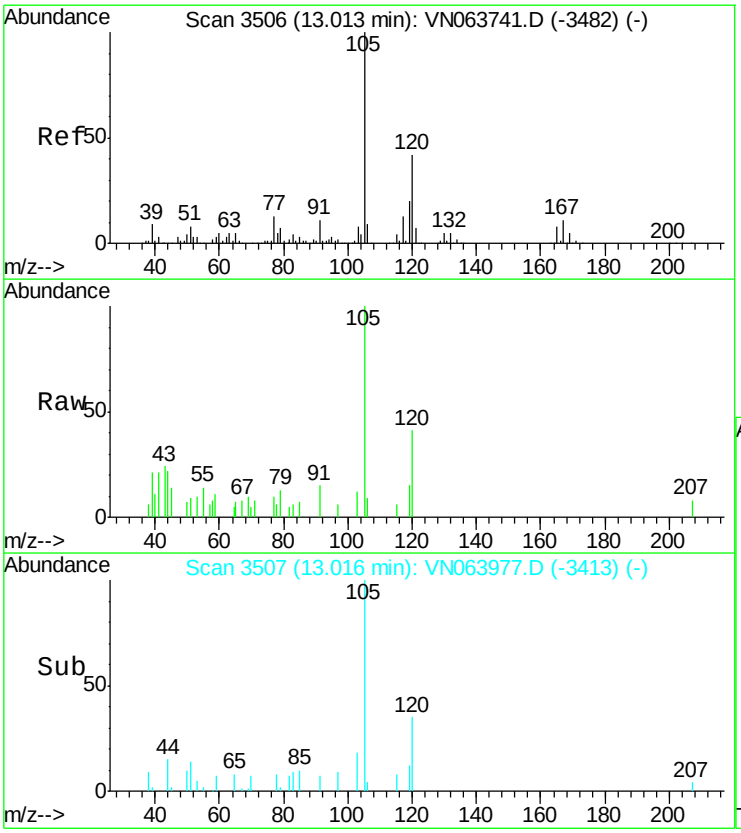
#78
n-propylbenzene
Concen: 9.567 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 91 Resp: 165832

Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.1	33.1

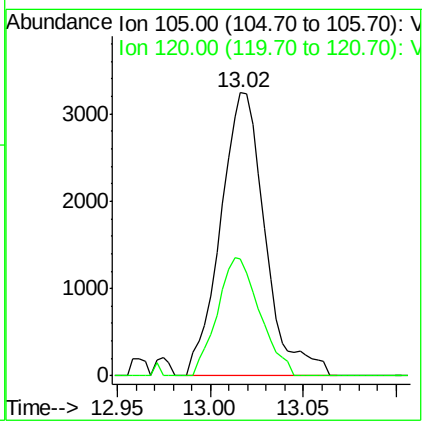


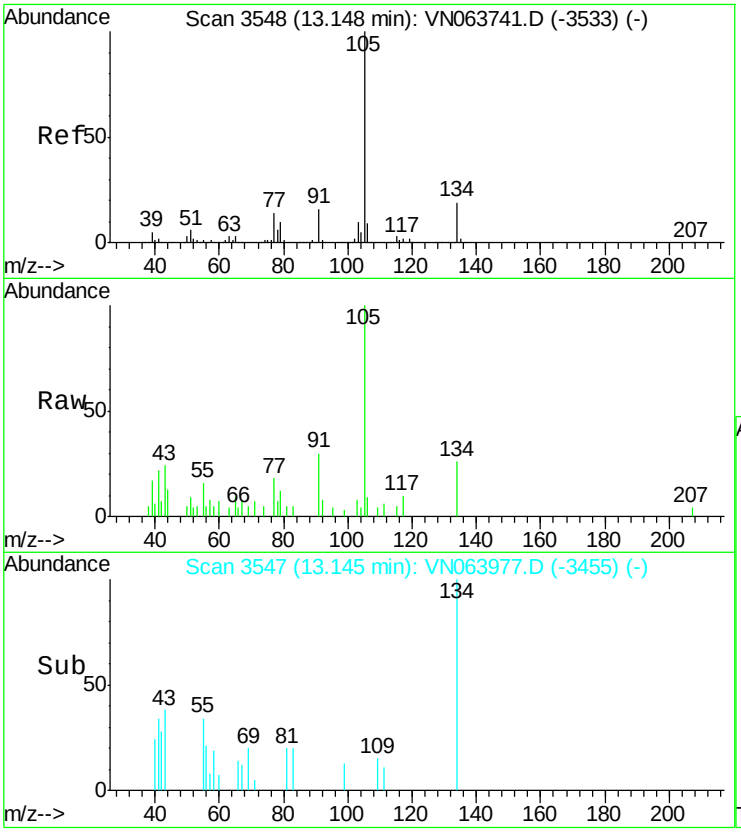


#84
1,2,4-Trimethylbenzene
Concen: 0.435 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion:105 Resp: 5423

Ion	Ratio	Lower	Upper
105	100		
120	39.6	20.9	62.7



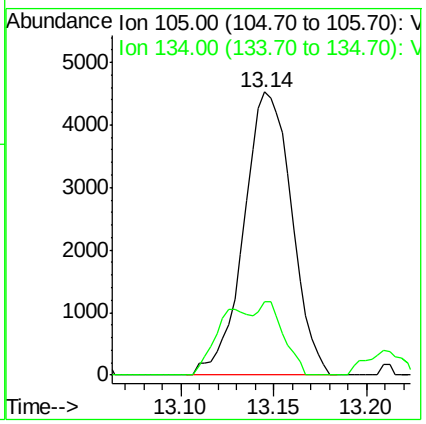


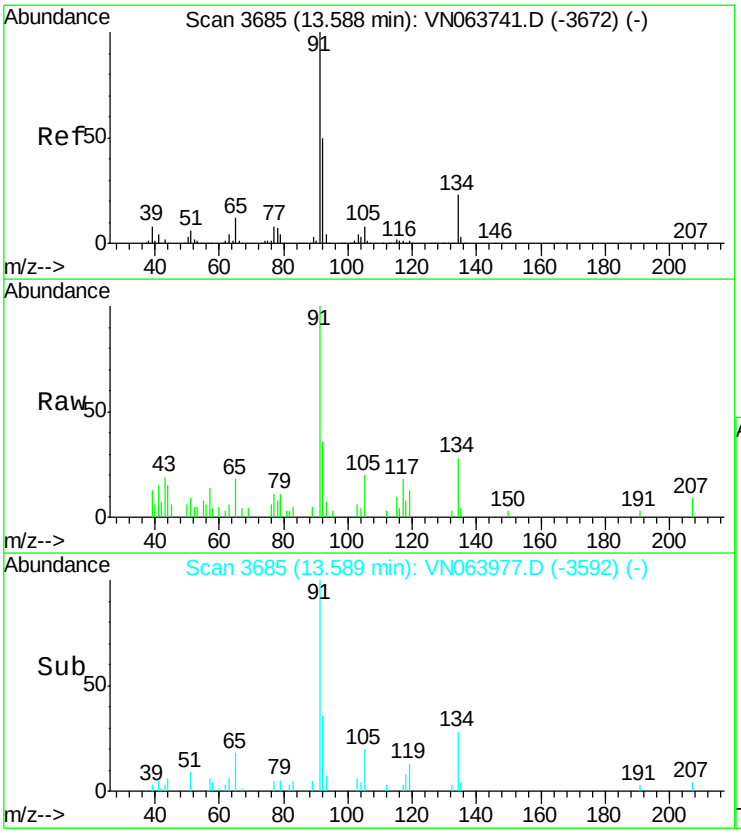
#85
sec-Butylbenzene
Concen: 0.609 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 8171

Ion	Ratio	Lower	Upper
105	100		
134	17.8	9.5	28.5





#89
n-Butylbenzene
Concen: 0.698 ug/l m
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063977.D
Acq: 8 Oct 2020 6:29

Tgt Ion: 91 Resp: 7651

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.4	76.4#
134	0.0	11.7	35.1#