Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050620\
Data File : VN061317.D
Acq On : 6 May 2020 18:09
Operator : JC/MD
Sample : L2492-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 07 03:12:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	98257	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	178145	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	171559	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81219	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	81891	52.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.34%				
35) Dibromofluoromethane	7.55	113	54311	51.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.12%				
50) Toluene-d8	10.06	98	226222	52.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.36%				
62) 4-Bromofluorobenzene	12.38	95	87033	53.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.72%				
Target Compounds							Qvalue
16) Acetone	3.77	43	33401	51.155	ug/l		100
17) Carbon Disulfide	4.01	76	5881	2.054	ug/l	#	92
18) Methyl Acetate	4.00	43	226	0.793	ug/l	#	55
20) Methylene Chloride	4.50	84	973	0.803	ug/l	#	64
25) 2-Butanone	6.79	43	7734	8.407	ug/l		92
31) Cyclohexane	7.62	56	2653	1.173	ug/l	#	25
36) 1,1-Dichloropropene	7.63	75	9113	5.110	ug/l	#	49
37) Ethyl Acetate	6.79	43	7734	3.699	ug/l	#	71
38) Carbon Tetrachloride	7.63	117	10889	8.673	ug/l	#	16
43) Isopropyl Acetate	8.41	43	1022	0.295	ug/l	#	57
51) 4-Methyl-2-Pentanone	9.95	43	17782	8.707	ug/l		98
52) Toluene	10.12	92	4109	1.284	ug/l		98
56) Ethyl methacrylate	10.32	69	380	2.889	ug/l	#	37
59) 2-Hexanone	10.69	43	305	0.205	ug/l	#	27
67) Ethyl Benzene	11.48	91	3017	0.474	ug/l		97
68) m/p-Xylenes	11.59	106	5080	2.179	ug/l		95
69) o-Xylene	11.92	106	3268	1.459	ug/l		98
73) Isopropylbenzene	12.23	105	1252	0.210	ug/l		84
74) N-amyl acetate	12.02	43	2193	0.725	ug/l	#	59
76) 1,2,3-Trichloropropane	12.38	75	48421	28.278	ug/l	#	100
78) n-propylbenzene	12.56	91	2521	0.356	ug/l		89
79) 2-Chlorotoluene	12.63	91	1541	0.370	ug/l	#	43
80) 1,3,5-Trimethylbenzene	12.71	105	5218	1.056	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.38	75	48421	71.812	ug/l	#	8
83) tert-Butylbenzene	13.01	119	2214	0.531	ug/l	#	59
84) 1,2,4-Trimethylbenzene	13.01	105	18149	3.565	ug/l		98
85) sec-Butylbenzene	13.15	105	1857	0.327	ug/l		92
86) p-Isopropyltoluene	13.26	119	2329	0.455	ug/l		96
89) n-Butylbenzene	13.59	91	2117	0.451	ug/l	#	81
90) Hexachloroethane	13.86	117	736	8.794	ug/l	#	14
95) Naphthalene	15.11	128	15153	3.141	ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.31	180	550	0.376	ug/l	#	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050620\
Data File : VN061317.D
Acq On : 6 May 2020 18:09
Operator : JC/MD
Sample : L2492-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: May 07 03:12:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050620\
Data File : VN061317.D
Acq On : 6 May 2020 18:09
Operator : JC/MD
Sample : L2492-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

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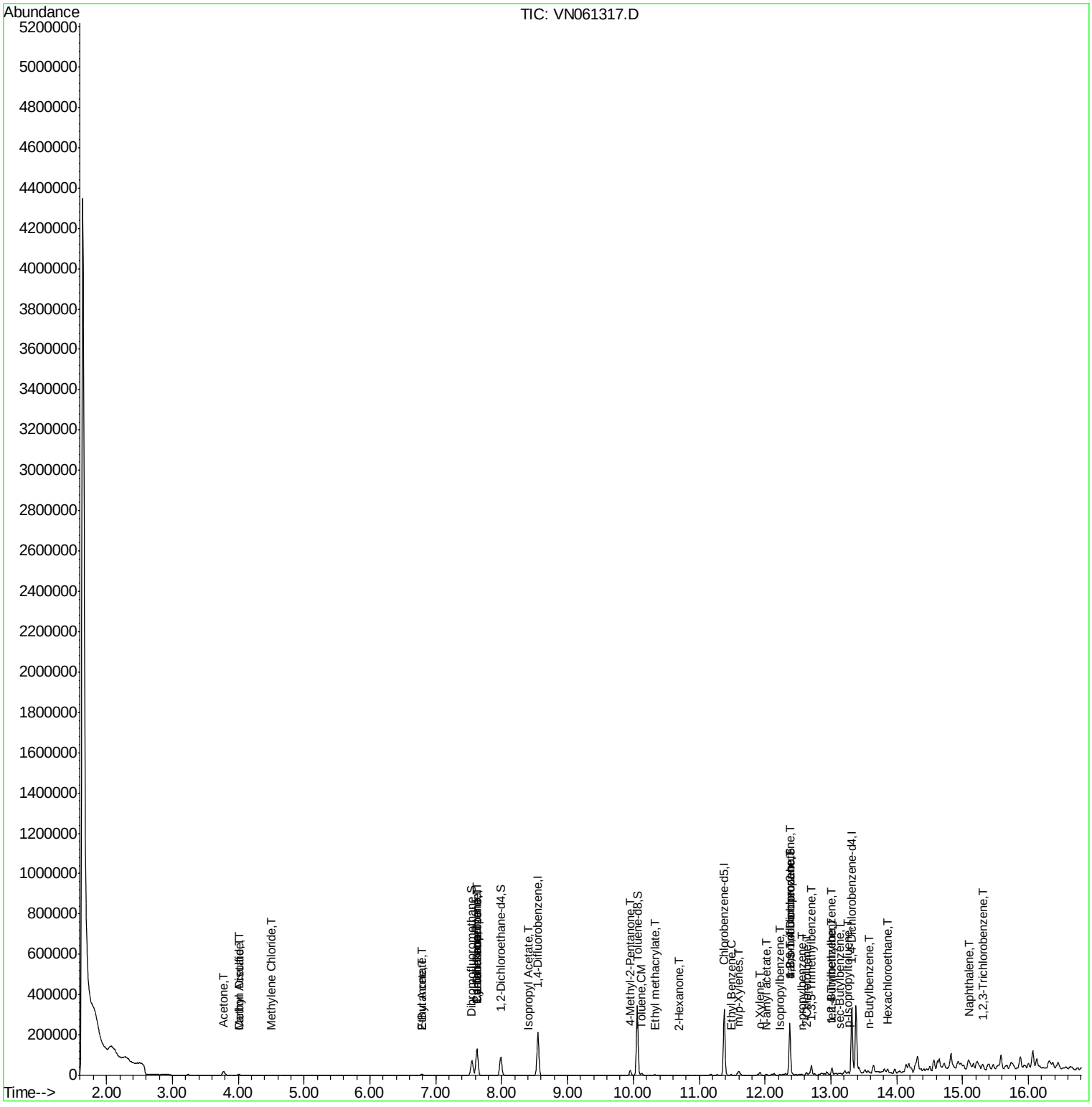
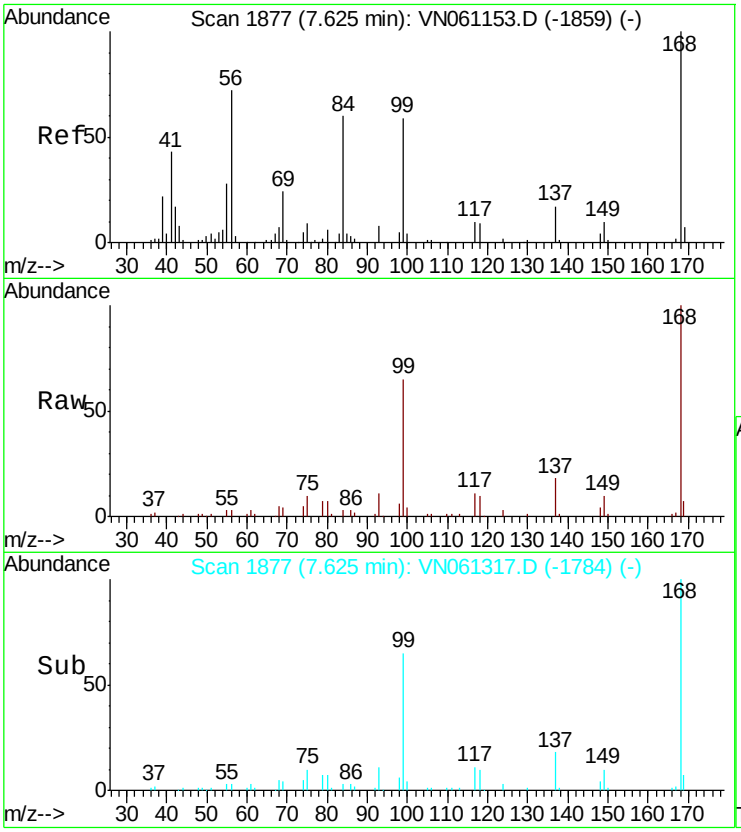
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration



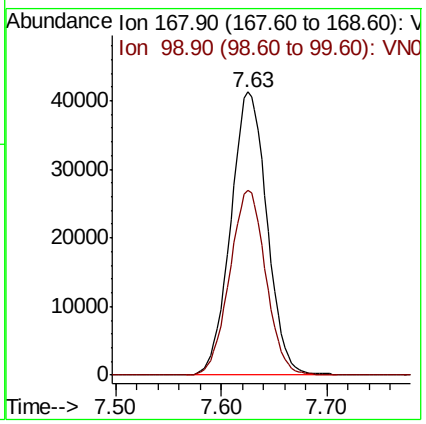


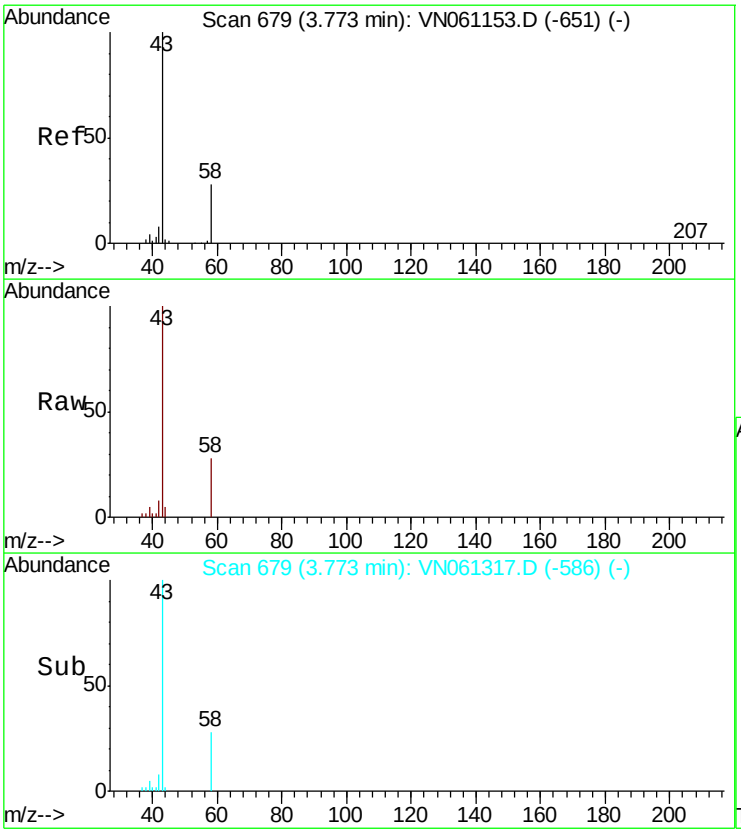
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 98257

Ion	Ratio	Lower	Upper
168	100		
99	65.3	51.2	76.8

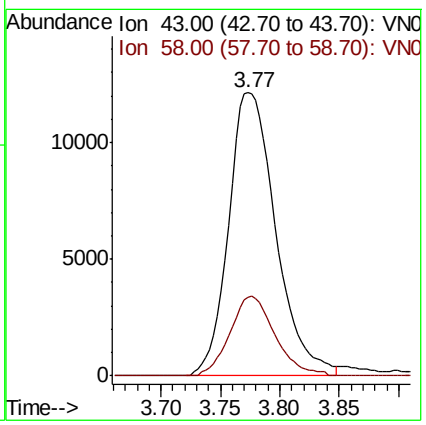


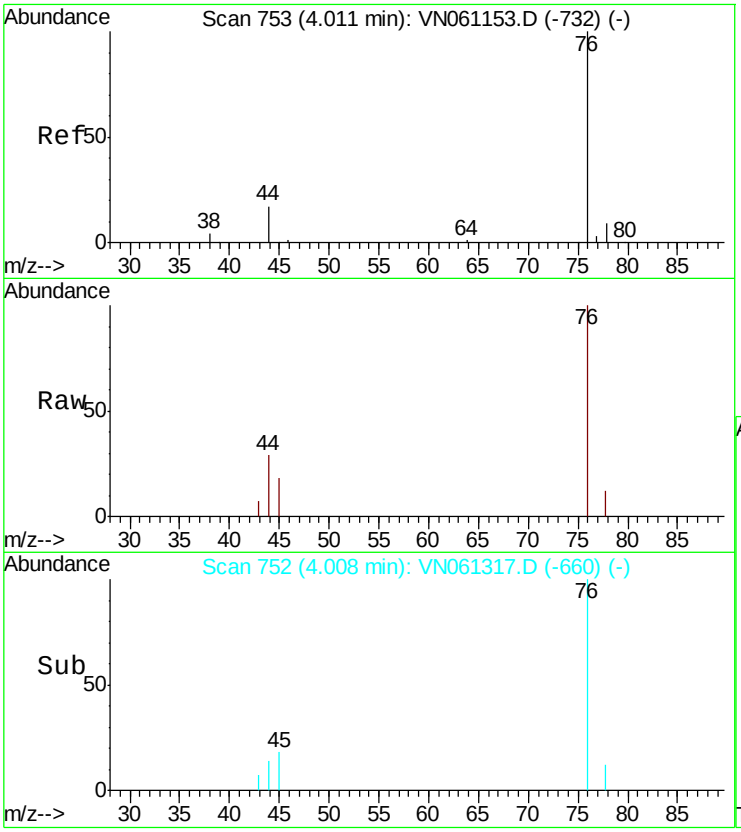


#16
Acetone
Concen: 51.155 ug/l
RT: 3.77 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 33401

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.2	33.2



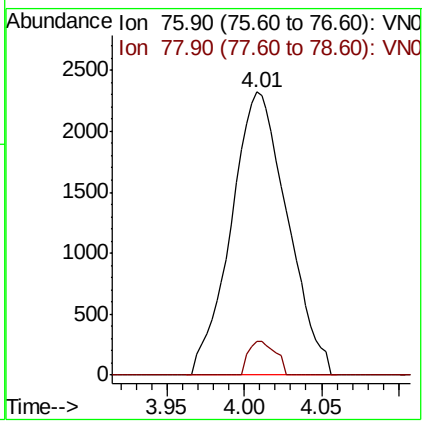


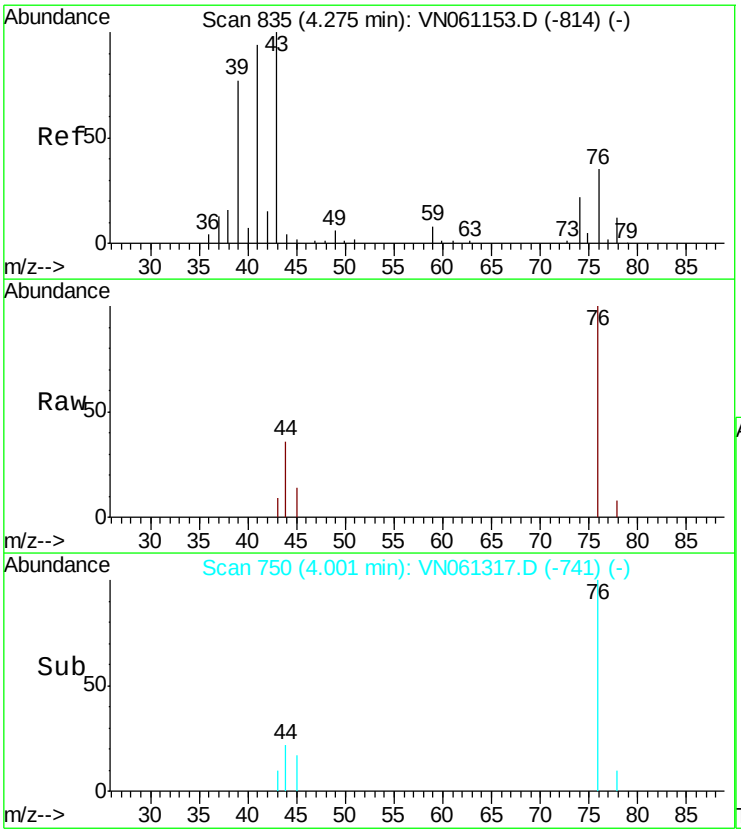
#17
Carbon Disulfide
Concen: 2.054 ug/l
RT: 4.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 5881

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.2	10.8#

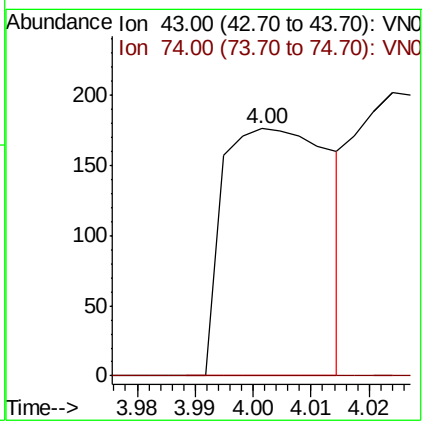


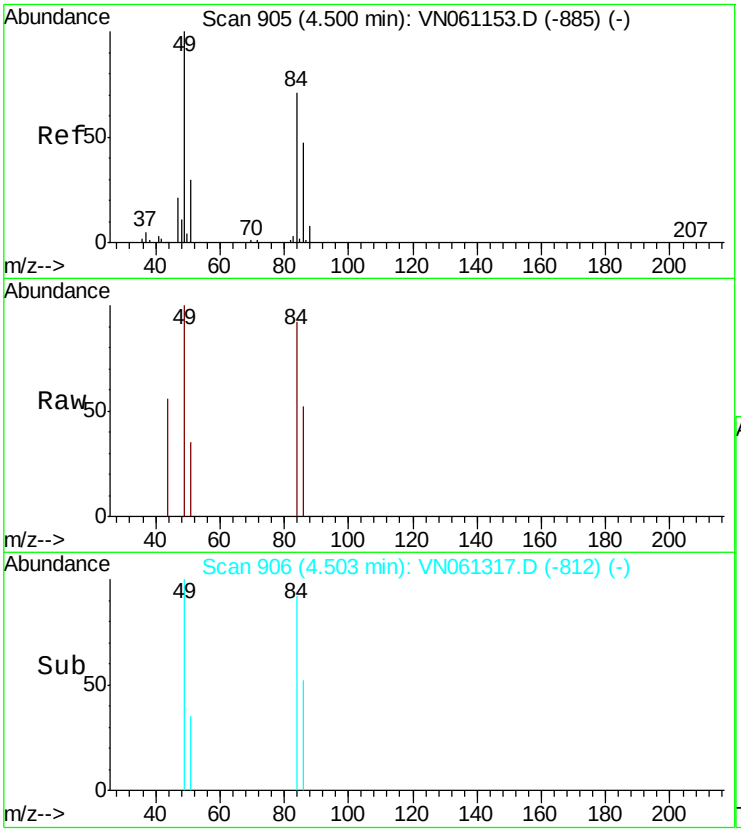


#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 4.00 min Scan# 750
Delta R.T. -0.27 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 226

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#



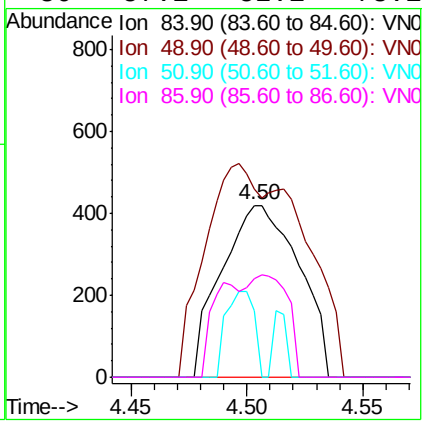


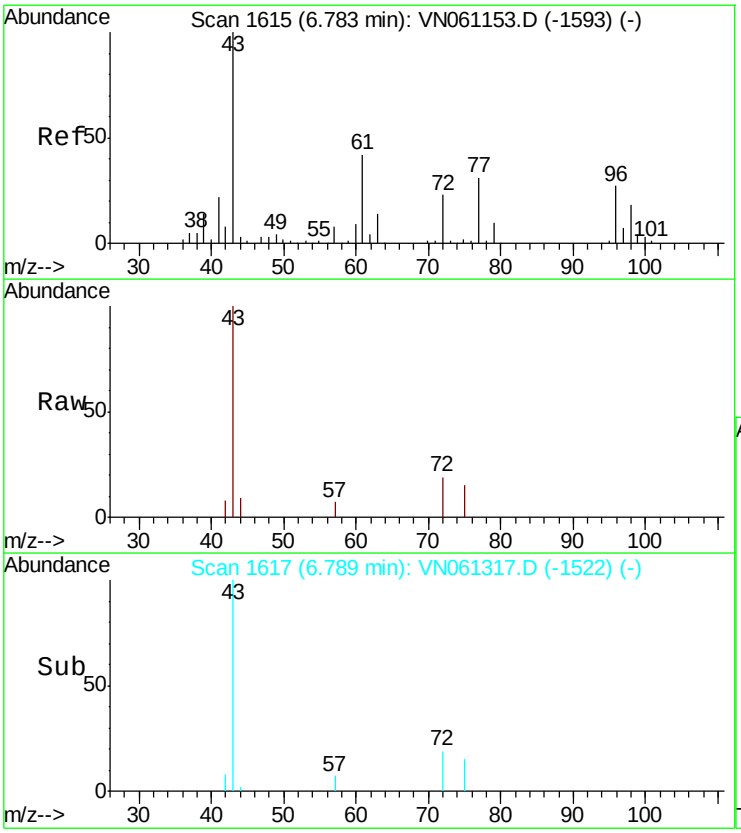
#20
Methylene Chloride
Concen: 0.803 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 973

Ion	Ratio	Lower	Upper
84	100		
49	71.4	112.0	168.0#
51	38.3	33.6	50.4
86	57.1	52.1	78.1

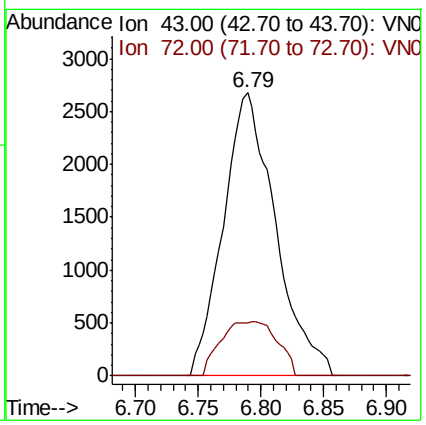


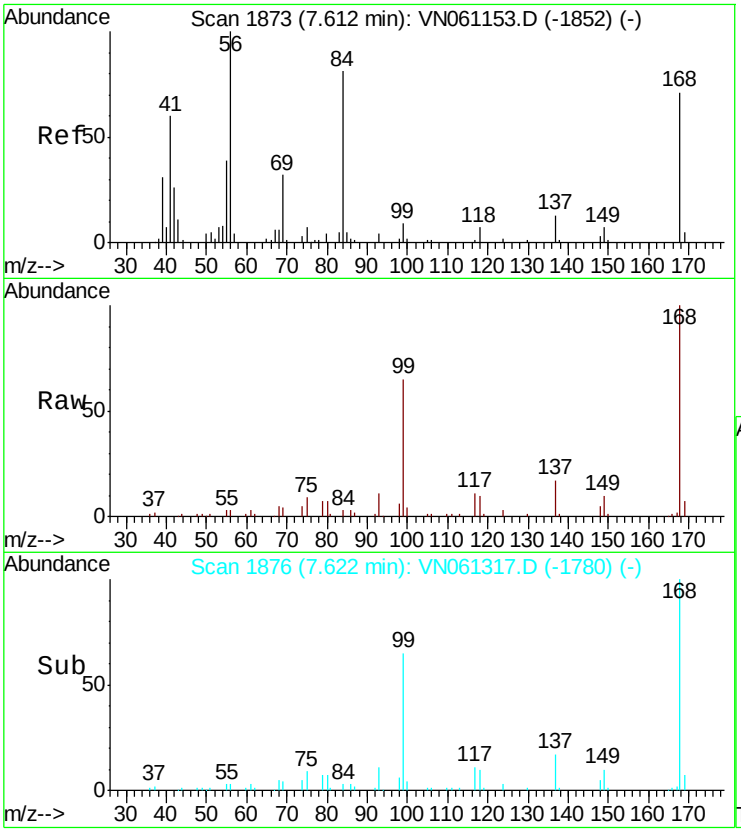


#25
2-Butanone
Concen: 8.407 ug/l
RT: 6.79 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 7734

Ion	Ratio	Lower	Upper
43	100		
72	18.9	18.2	27.4



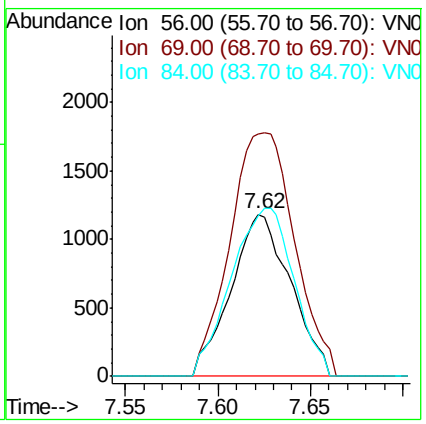


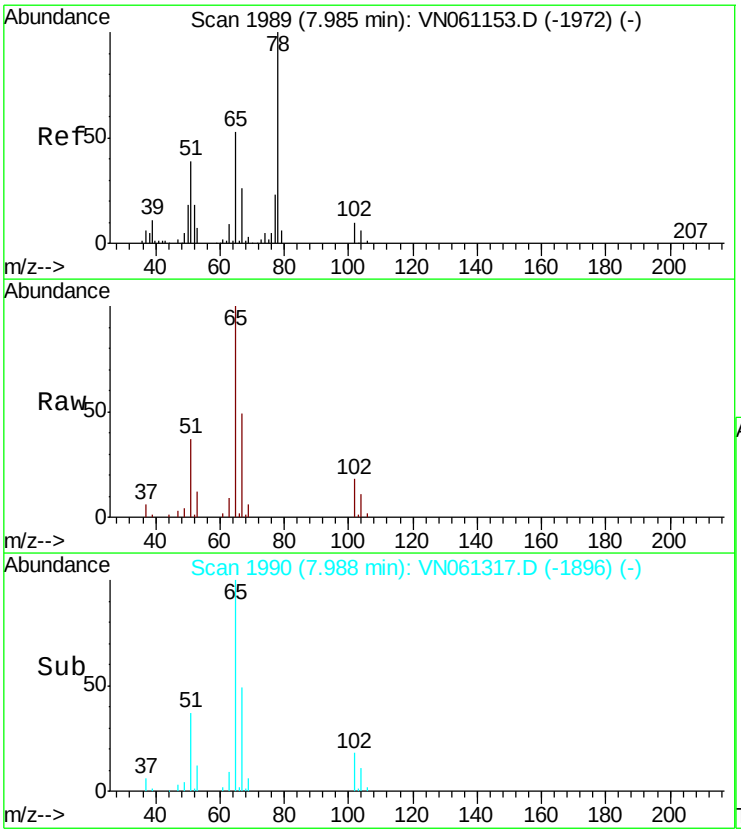
#31
Cyclohexane
Concen: 1.173 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 2653

Ion	Ratio	Lower	Upper
56	100		
69	149.5	25.7	38.5#
84	99.1	64.6	97.0#

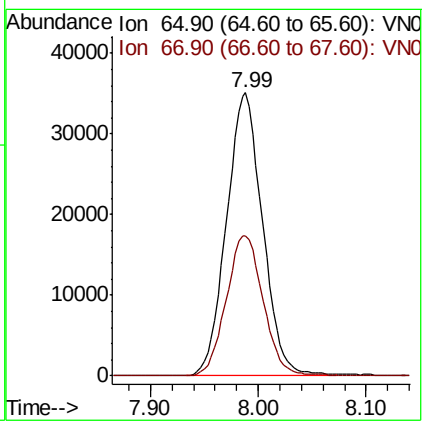


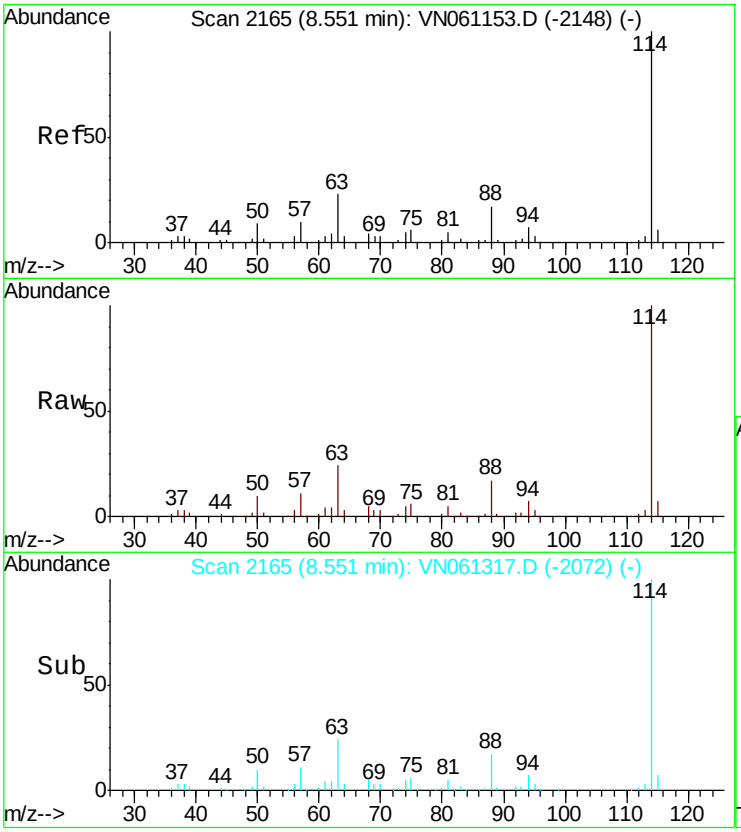


#33
1,2-Dichloroethane-d4
Concen: 52.672 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 65 Resp: 81891

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6



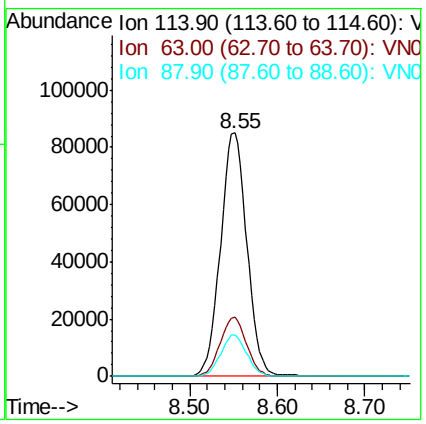


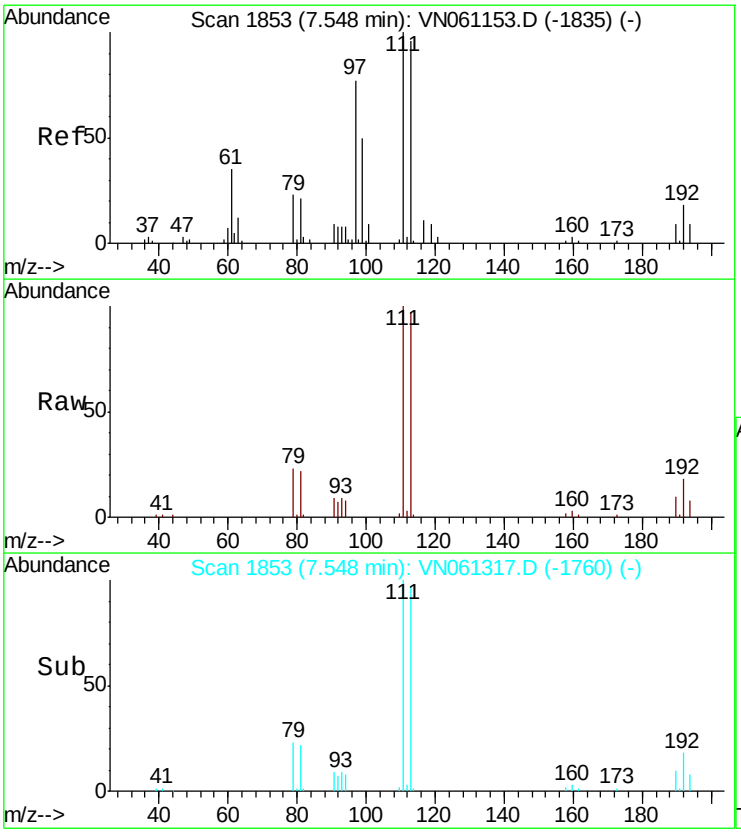
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 178145

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	46.6
88	17.0	0.0	33.4

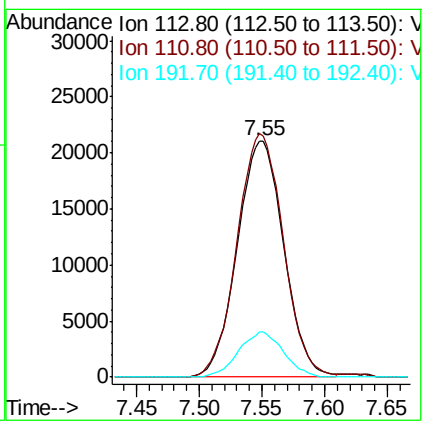


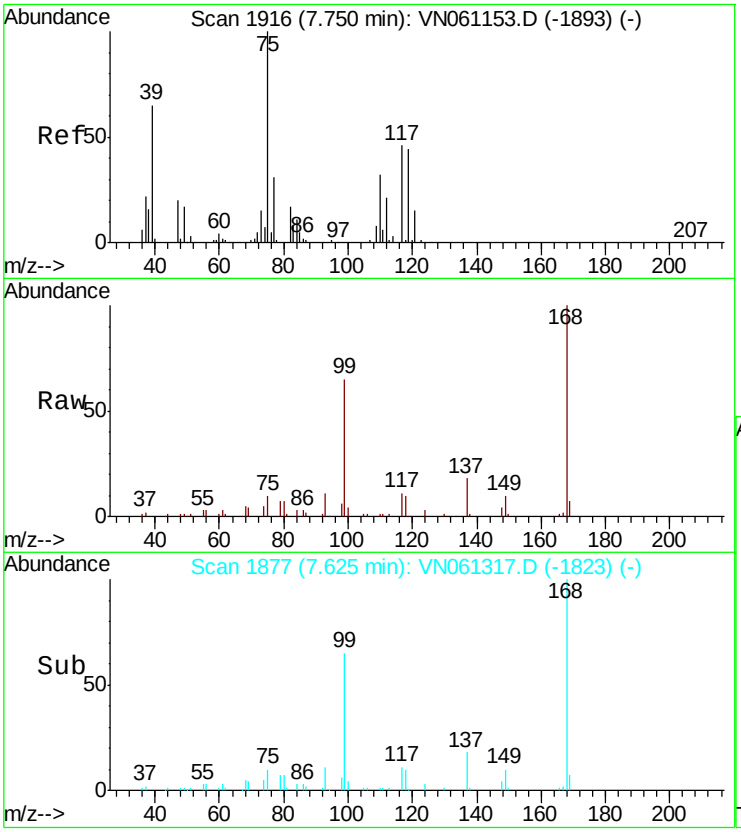


#35
Dibromofluoromethane
Concen: 51.557 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:113 Resp: 54311

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	18.5	14.7	22.1



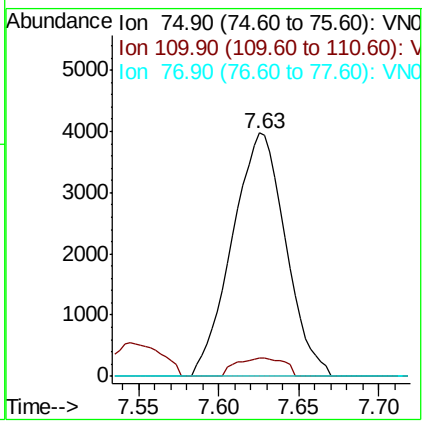


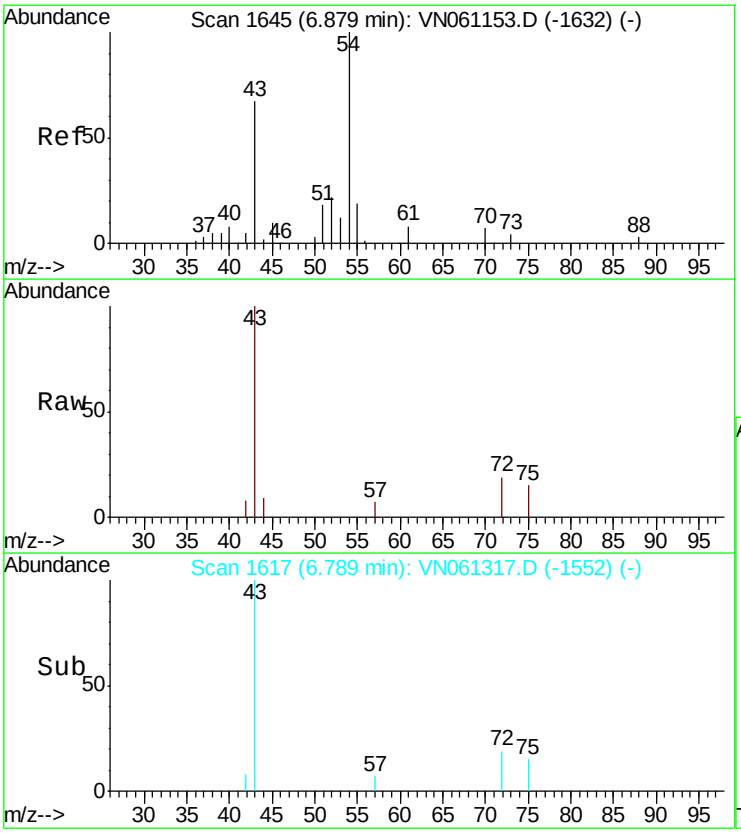
#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.13 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 9113

Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.0	48.0#
77	0.0	24.6	37.0#

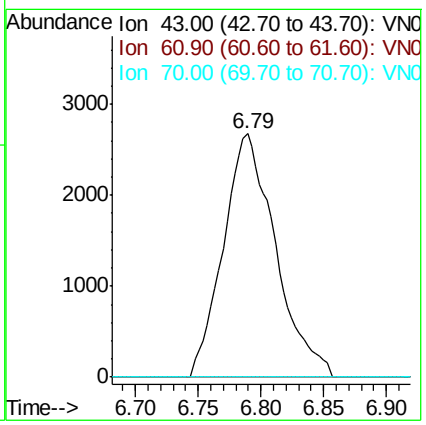


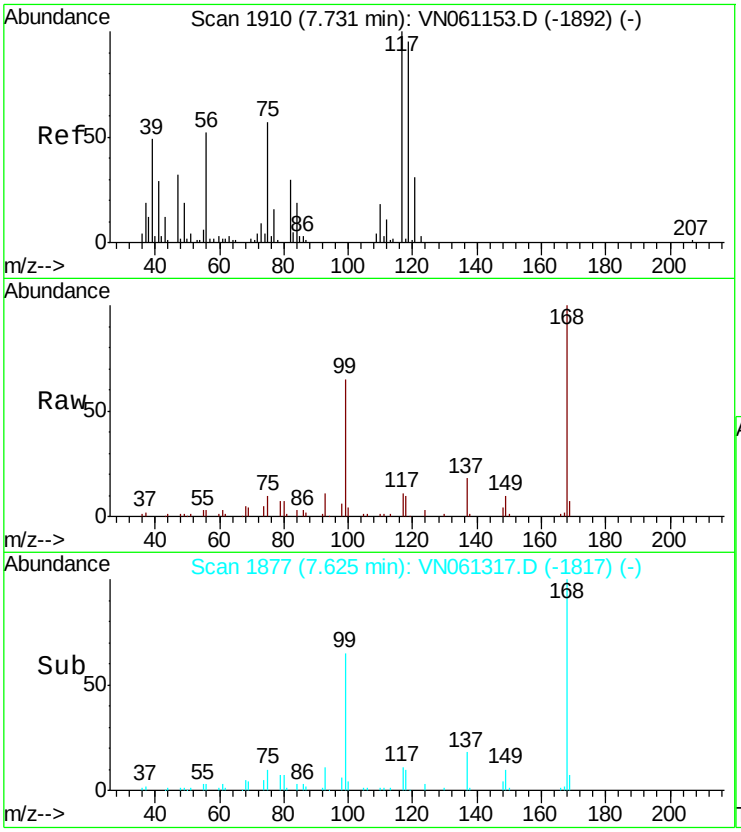


#37
Ethyl Acetate
Concen: 3.699 ug/l
RT: 6.79 min Scan# 1617
Delta R.T. -0.09 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 7734

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	7.2	10.8#



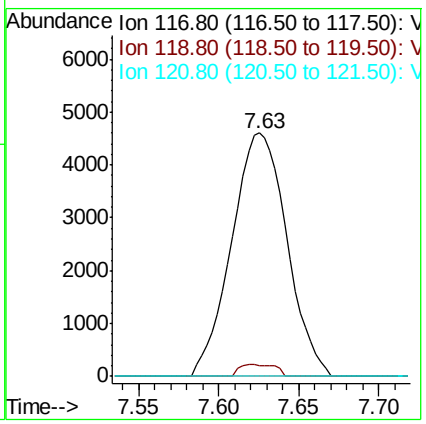


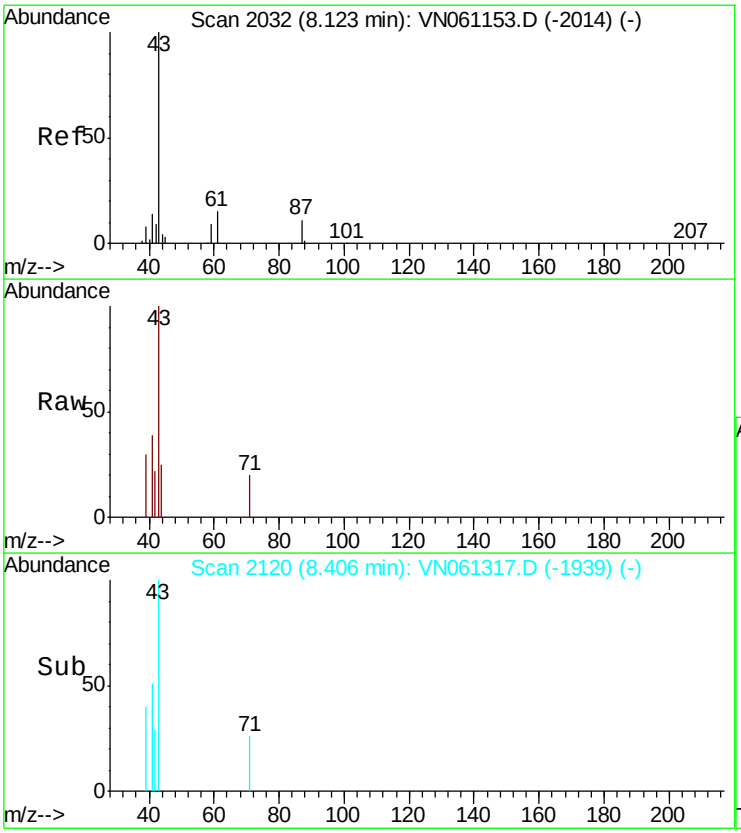
#38
Carbon Tetrachloride
Concen: 8.673 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 10889

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.6#
121	0.0	24.7	37.1#

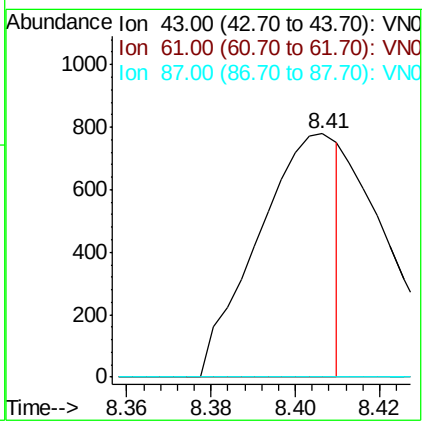


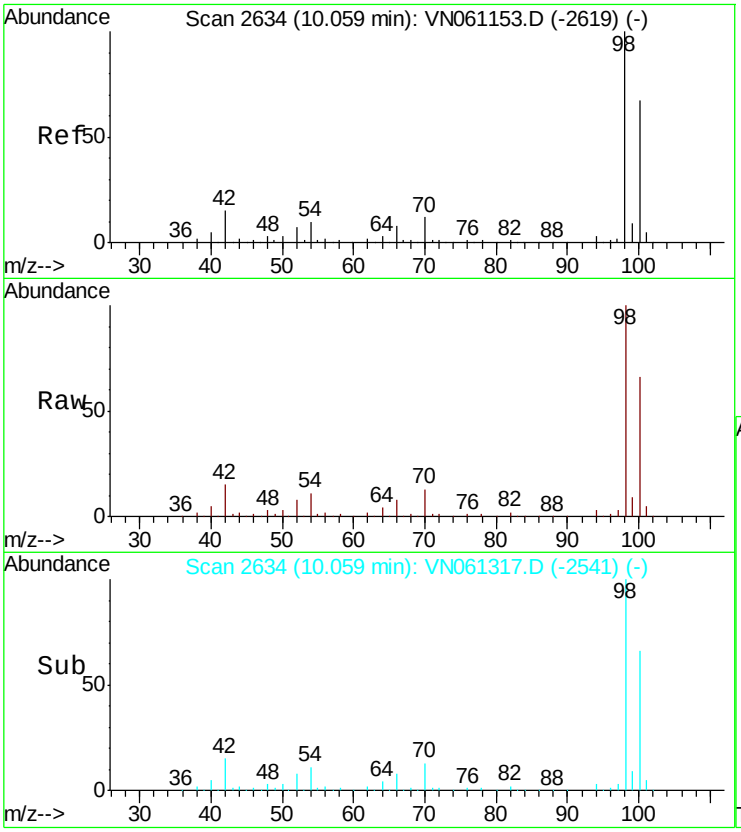


#43
Isopropyl Acetate
Concen: 0.295 ug/l
RT: 8.41 min Scan# 2120
Delta R.T. 0.28 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 1022

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.5	29.3#
87	0.0	8.9	13.3#



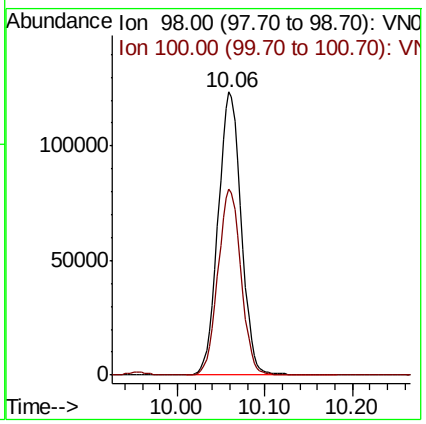


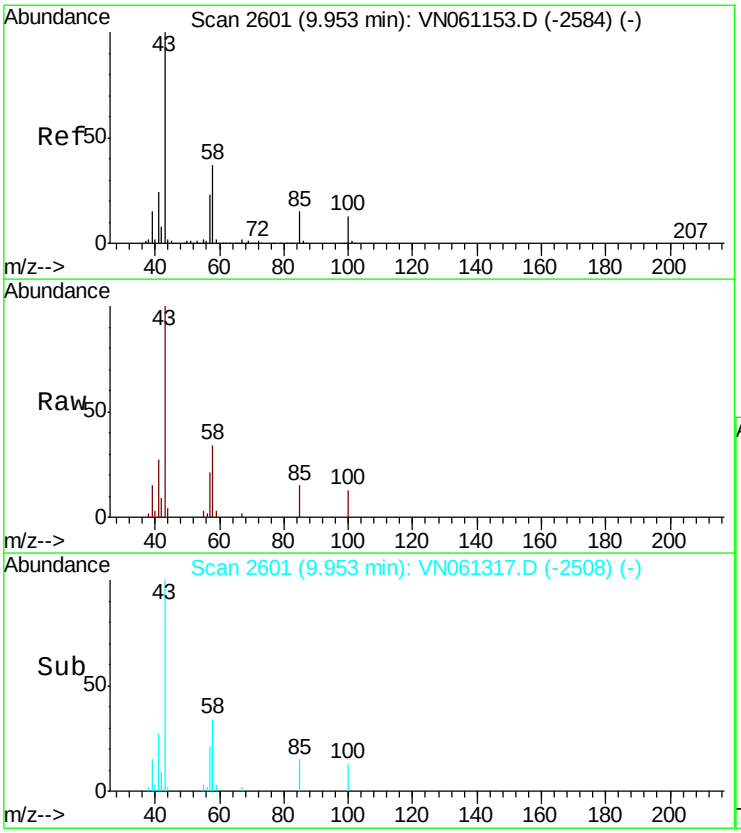
#50
Toluene-d8
Concen: 52.680 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 226222

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.4	80.0

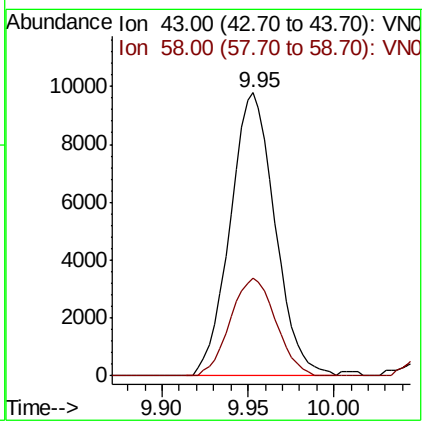


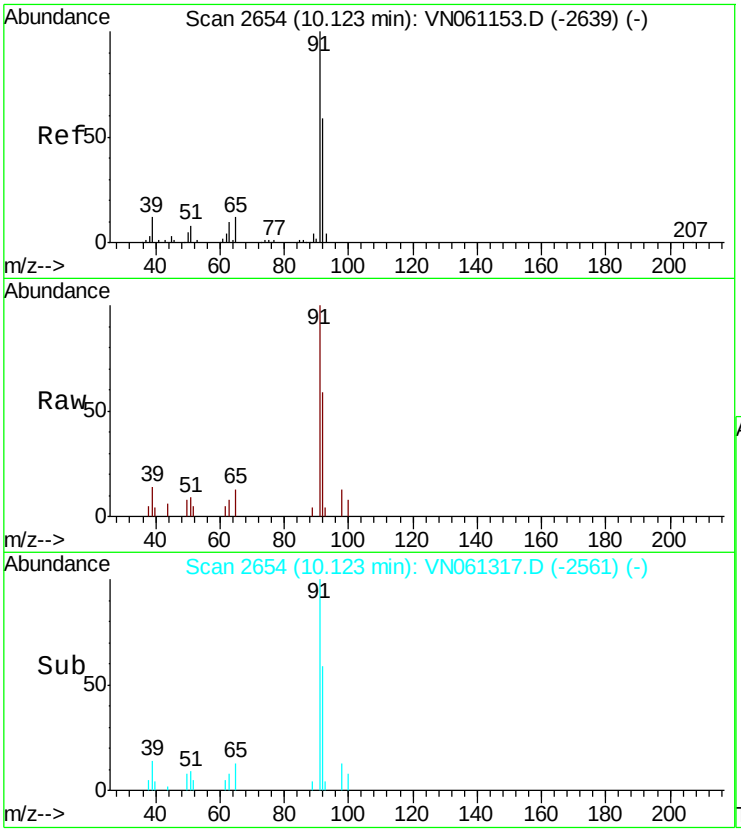


#51
4-Methyl-2-Pentanone
Concen: 8.707 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 43 Resp: 17782

Ion	Ratio	Lower	Upper
43	100		
58	35.0	29.1	43.7



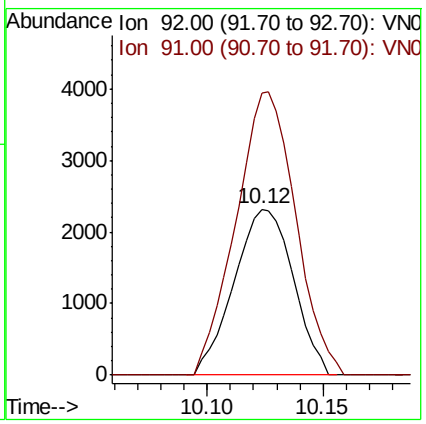


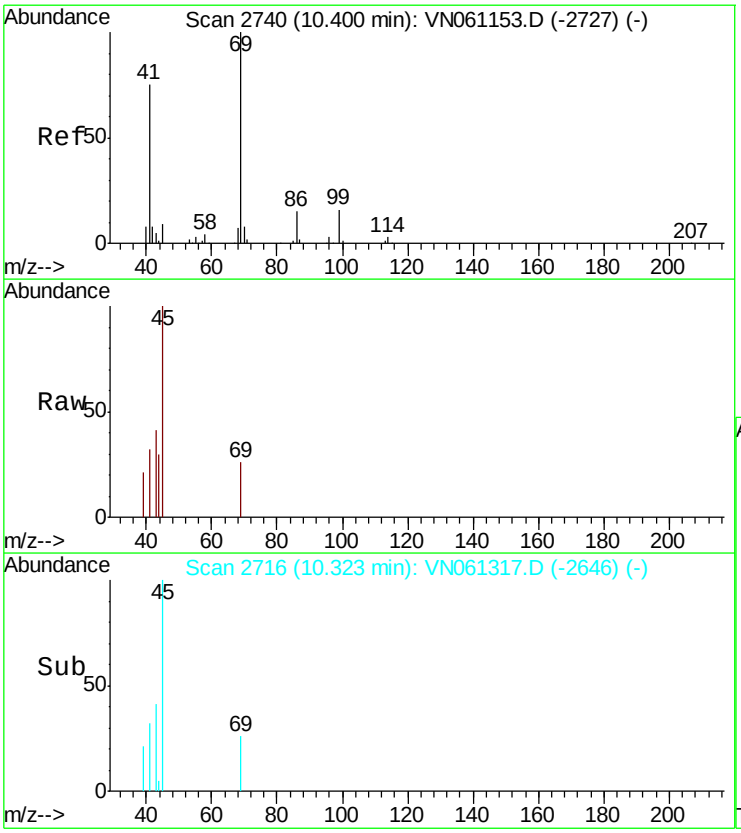
#52
Toluene
Concen: 1.284 ug/l
RT: 10.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 4109

Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.2	204.2

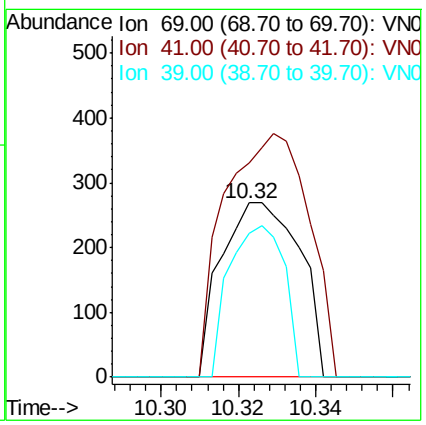


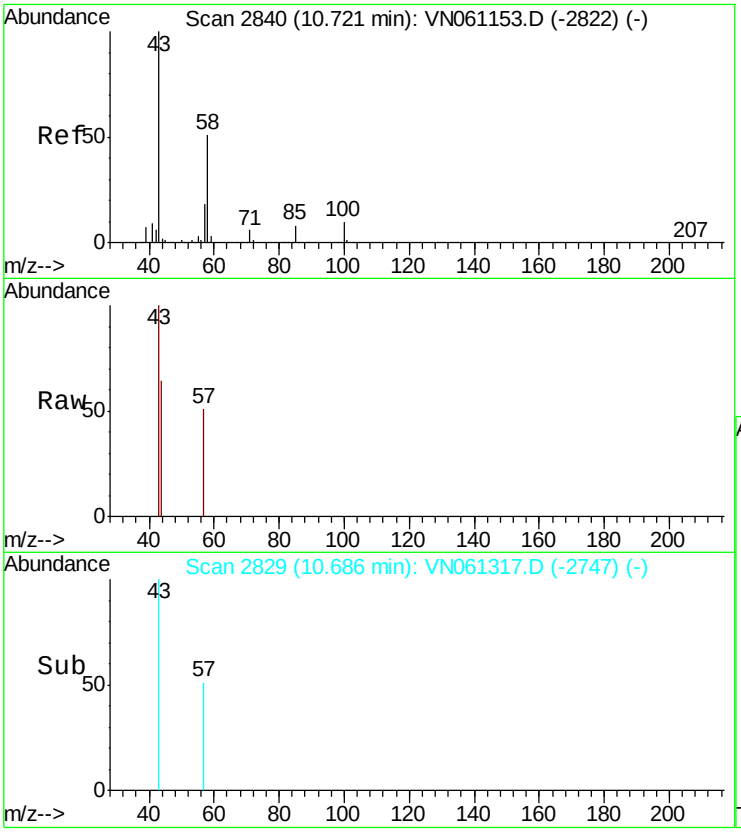


#56
Ethyl methacrylate
Concen: 2.889 ug/l
RT: 10.32 min Scan# 2716
Delta R.T. -0.08 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 69 Resp: 380

Ion	Ratio	Lower	Upper
69	100		
41	149.7	60.3	90.5#
39	60.3	35.9	53.9#



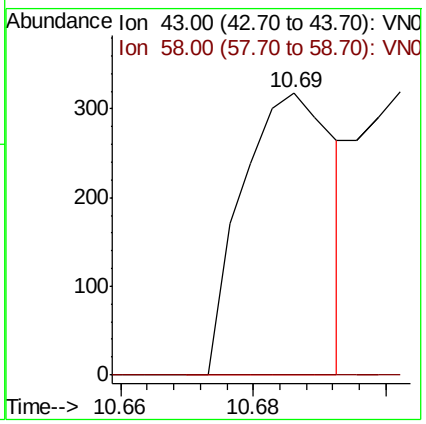


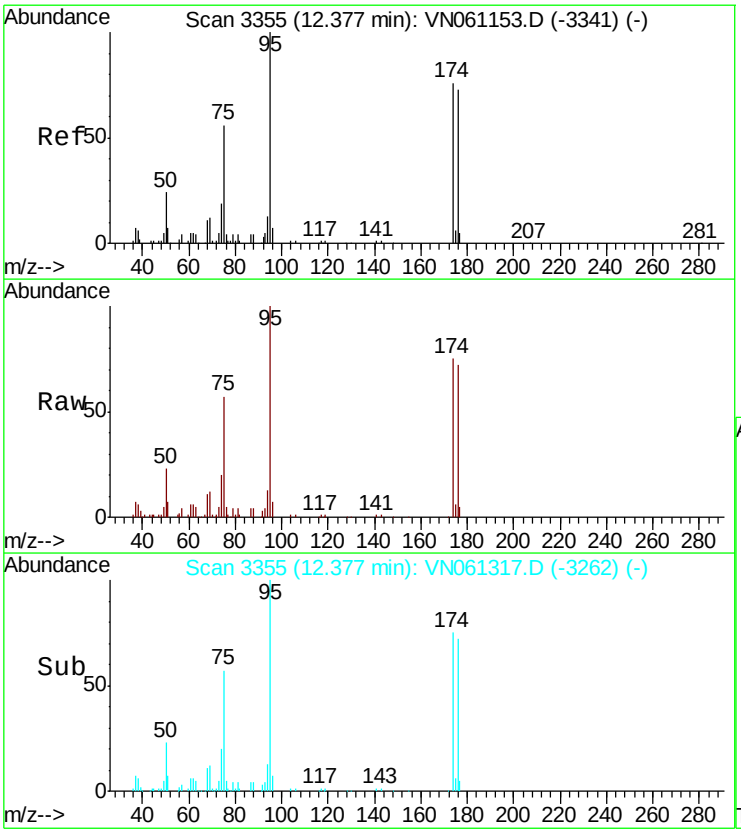
#59
2-Hexanone
Concen: 0.205 ug/l
RT: 10.69 min Scan# 2829
Delta R.T. -0.04 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 305

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#

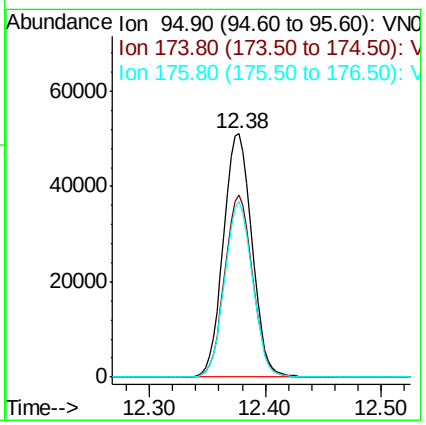


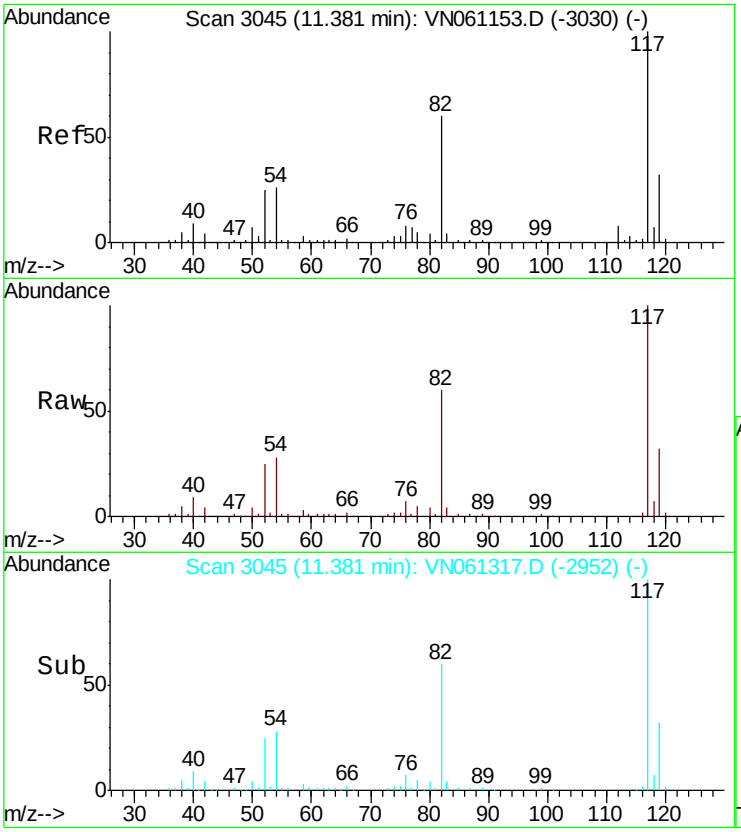


#62
4-Bromofluorobenzene
Concen: 53.857 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 95 Resp: 87033

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	149.4
176	70.0	0.0	144.8



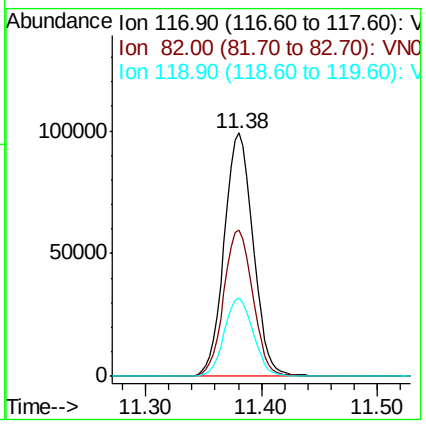


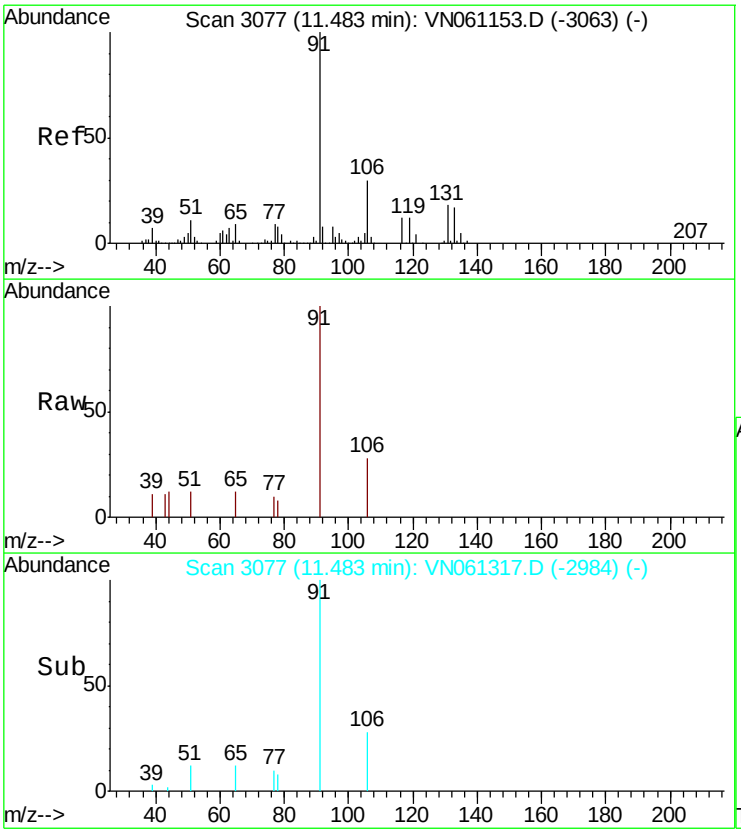
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 171559

Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.8	71.8
119	32.1	25.8	38.6

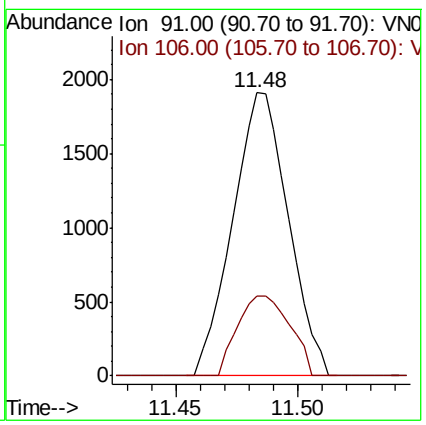


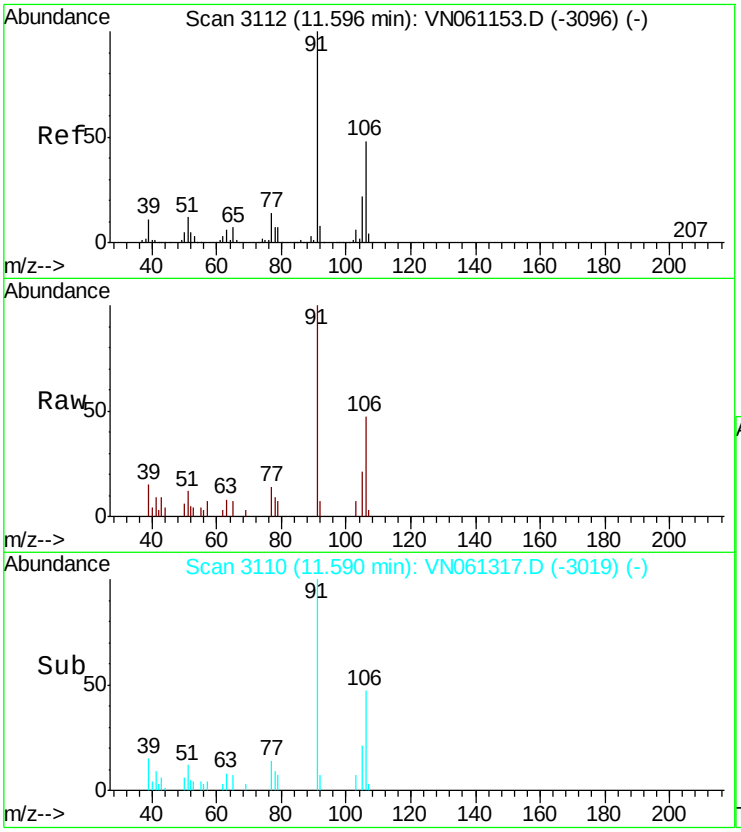


#67
Ethyl Benzene
Concen: 0.474 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 91 Resp: 3017

Ion	Ratio	Lower	Upper
91	100		
106	28.1	23.8	35.6



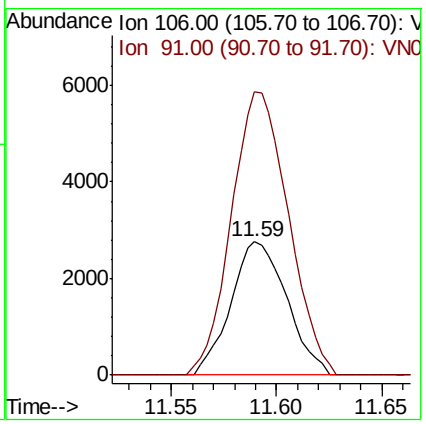


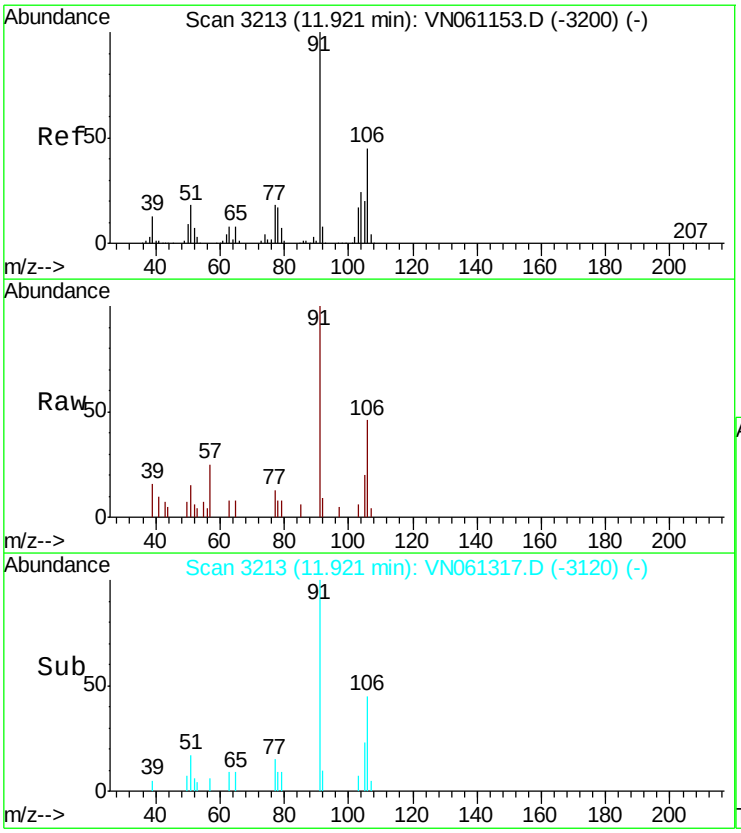
#68
m/p-Xylenes
Concen: 2.179 ug/l
RT: 11.59 min Scan# 3110
Delta R.T. -0.01 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 5080

Ion	Ratio	Lower	Upper
106	100		
91	216.5	166.4	249.6

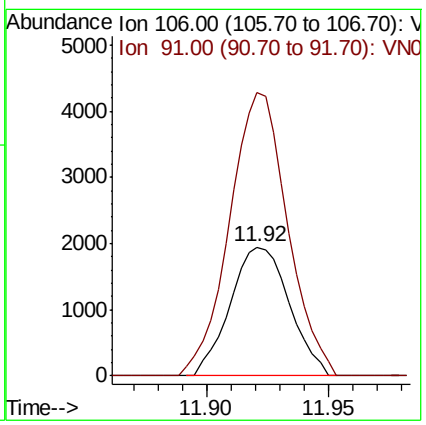


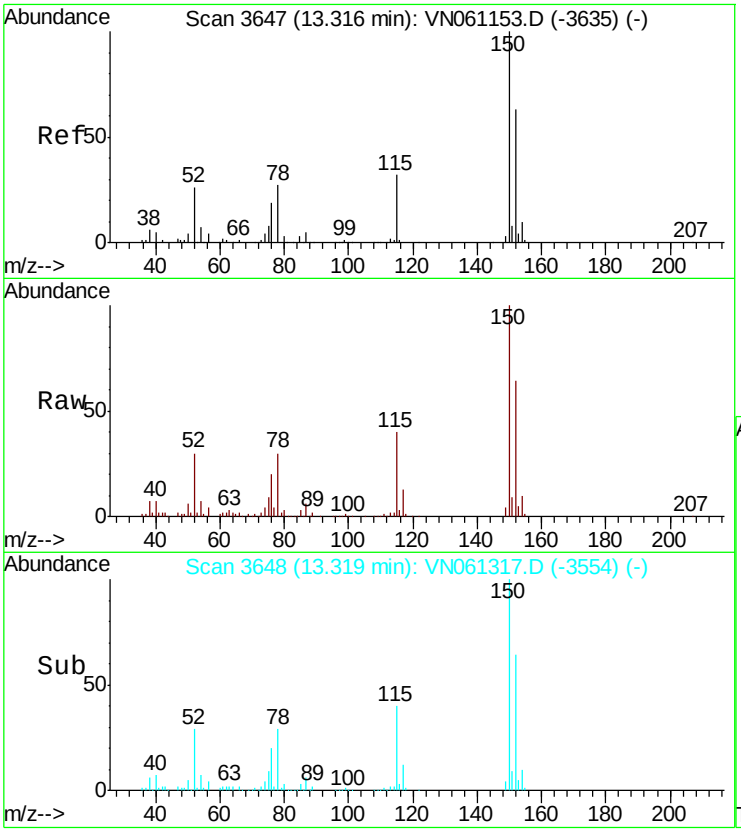


#69
o-Xylene
Concen: 1.459 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:106 Resp: 3268

Ion	Ratio	Lower	Upper
106	100		
91	215.9	109.7	329.0



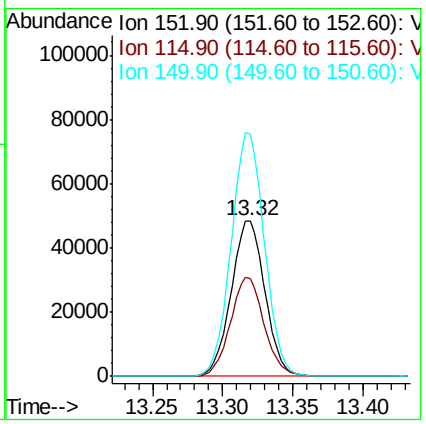


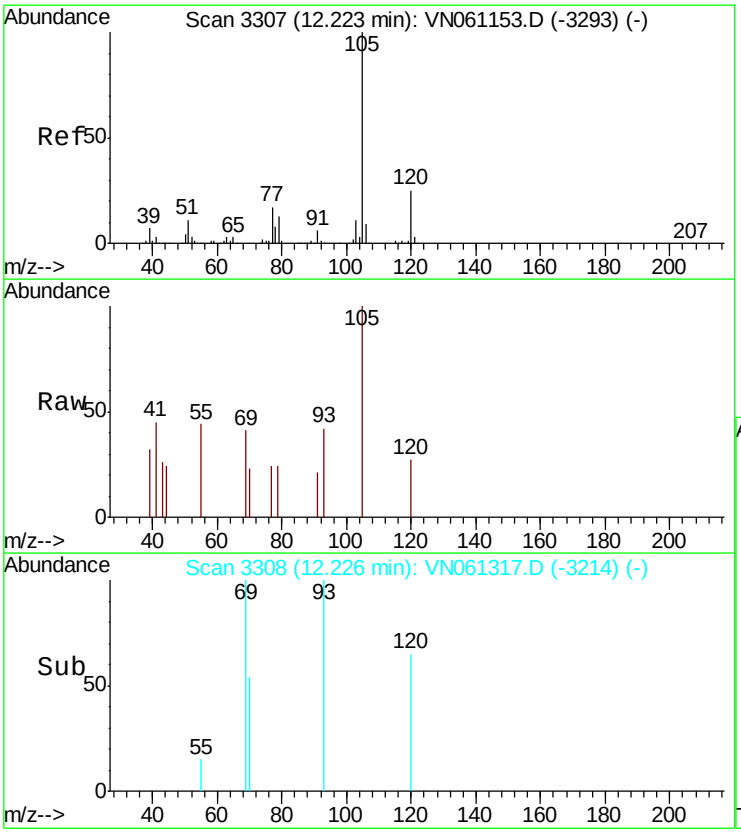
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 81219

Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.0	93.0
150	154.9	0.0	351.8

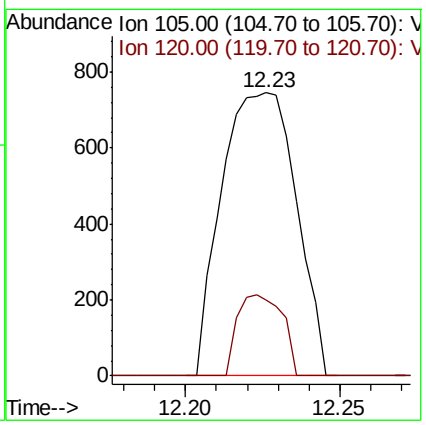


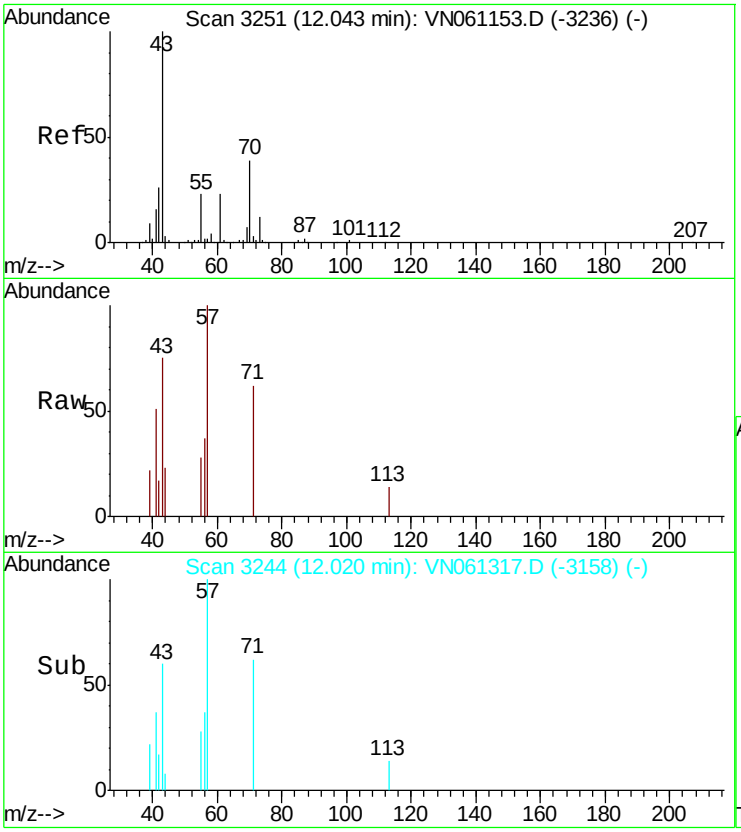


#73
Isopropylbenzene
Concen: 0.210 ug/l
RT: 12.23 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:105 Resp: 1252

Ion	Ratio	Lower	Upper
105	100		
120	17.2	12.6	37.8



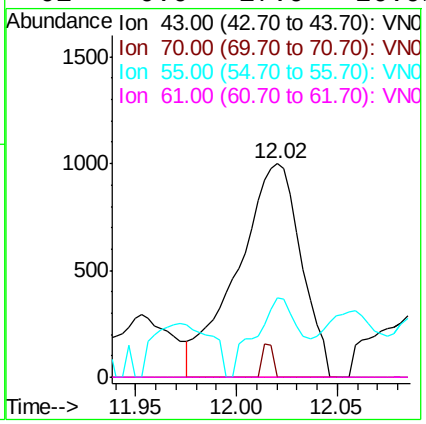


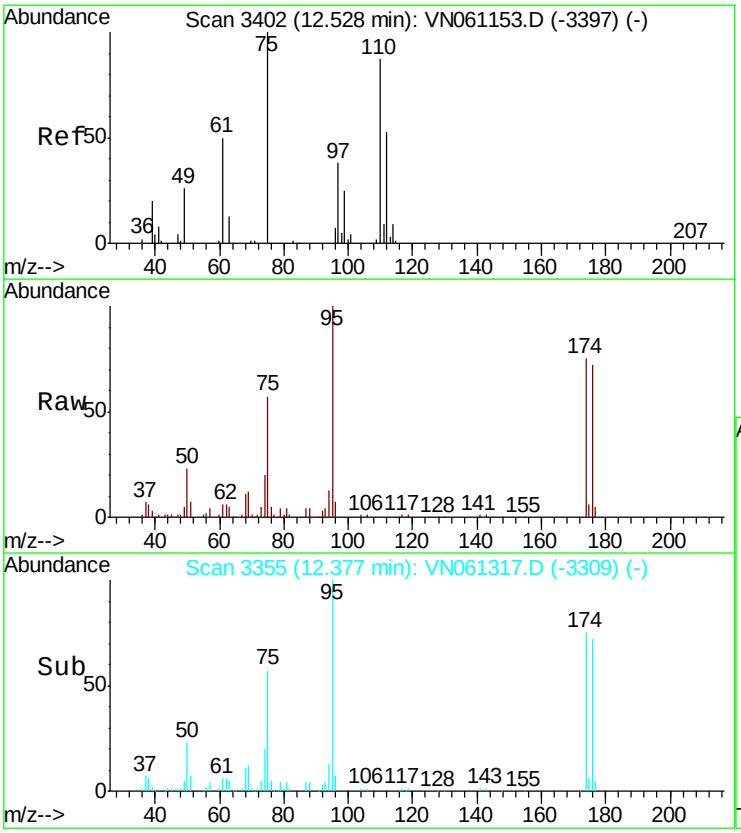
#74
N-amyl acetate
Concen: 0.725 ug/l
RT: 12.02 min Scan# 3244
Delta R.T. -0.02 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2193

Ion	Ratio	Lower	Upper
43	100		
70	2.7	30.6	46.0#
55	25.7	18.5	27.7
61	0.0	17.9	26.9#

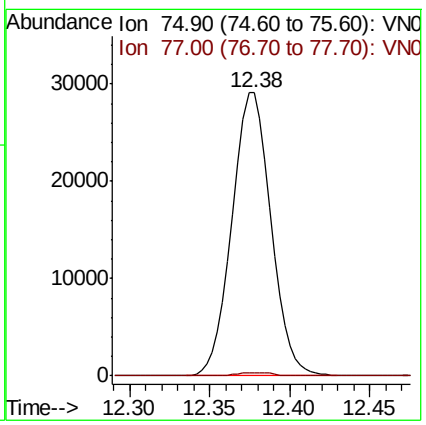


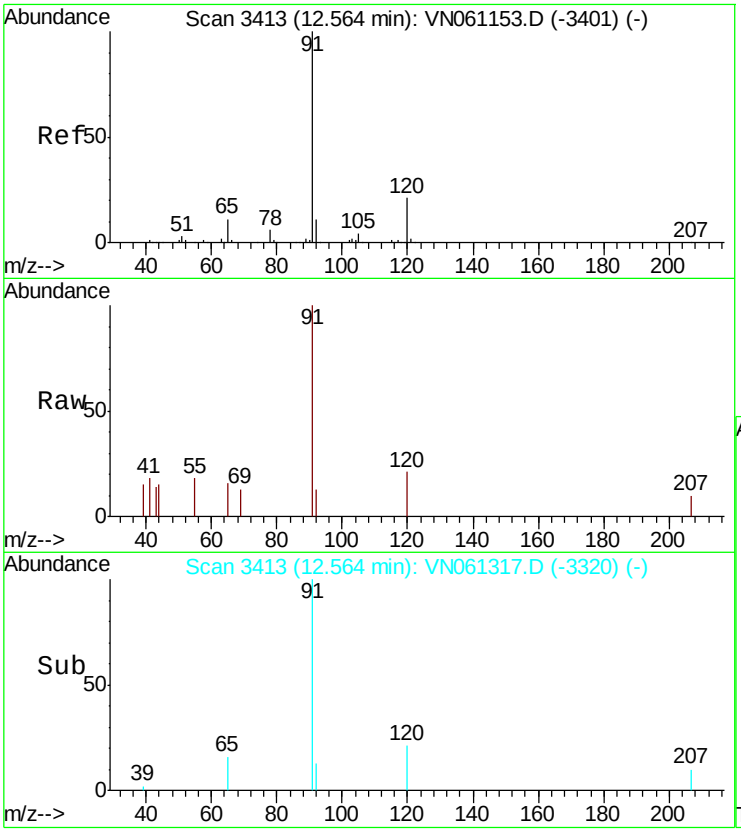


#76
1,2,3-Trichloropropane
Concen: 28.278 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. -0.15 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 75 Resp: 48421

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



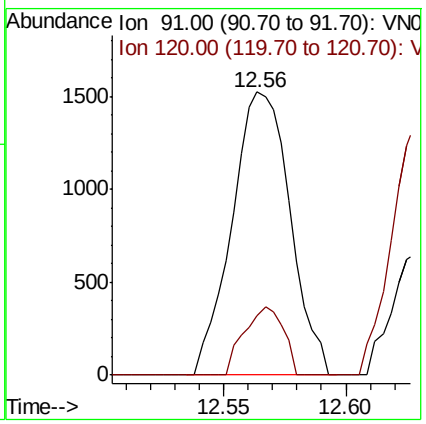


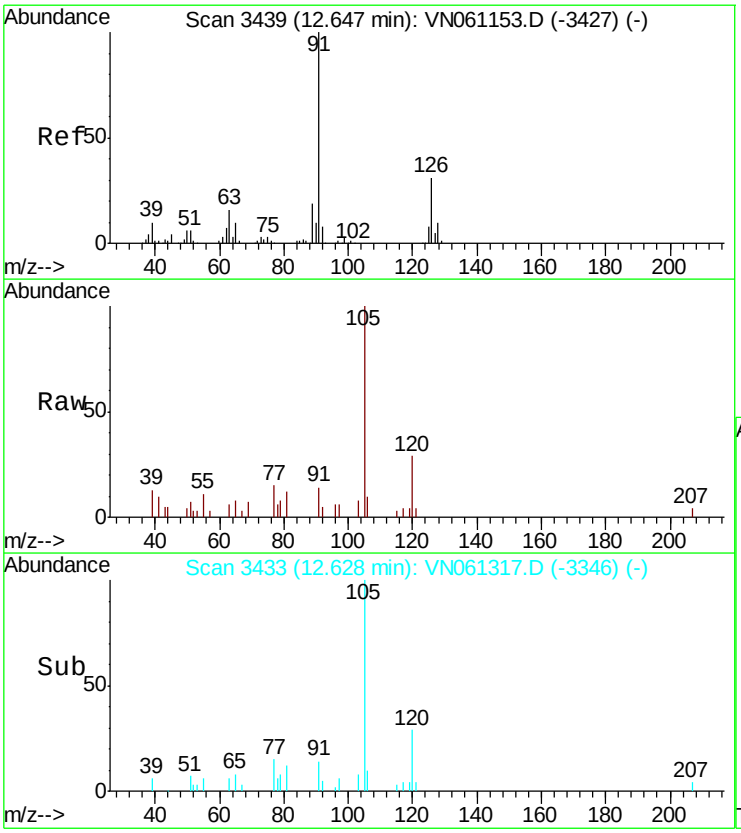
#78
n-propylbenzene
Concen: 0.356 ug/l
RT: 12.56 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2521

Ion	Ratio	Lower	Upper
91	100		
120	16.2	10.8	32.3

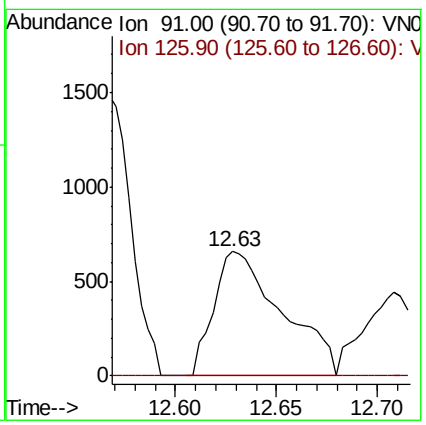


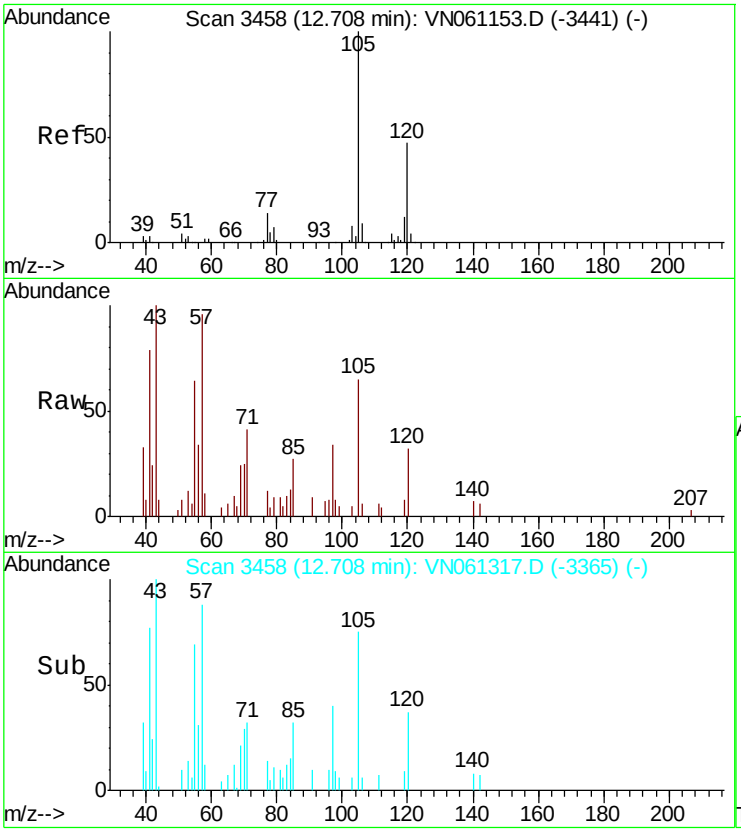


#79
2-Chlorotoluene
Concen: 0.370 ug/l
RT: 12.63 min Scan# 3433
Delta R.T. -0.02 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 91 Resp: 1541

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.9	47.7#



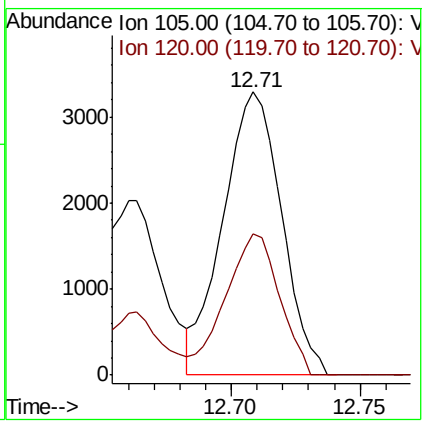


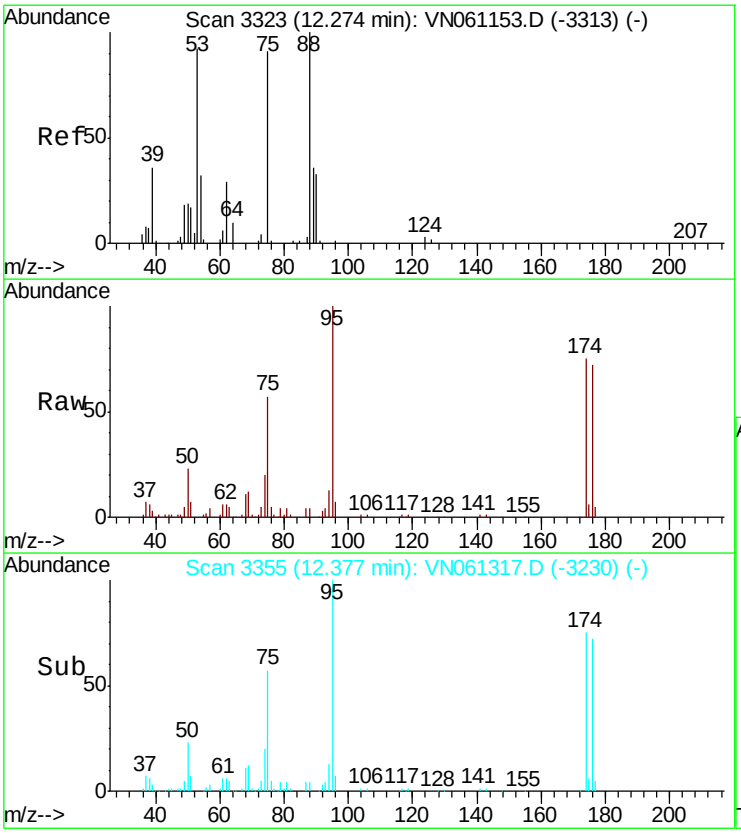
#80
1,3,5-Trimethylbenzene
Concen: 1.056 ug/l
RT: 12.71 min Scan# 3458
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 5218

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.9	71.7

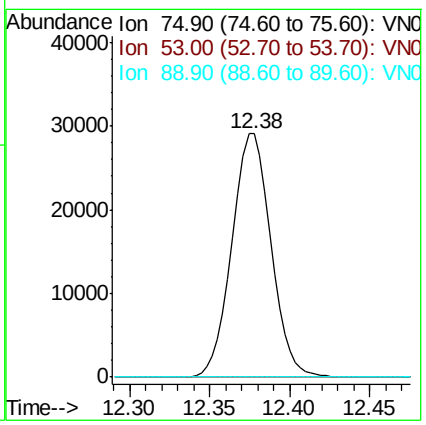


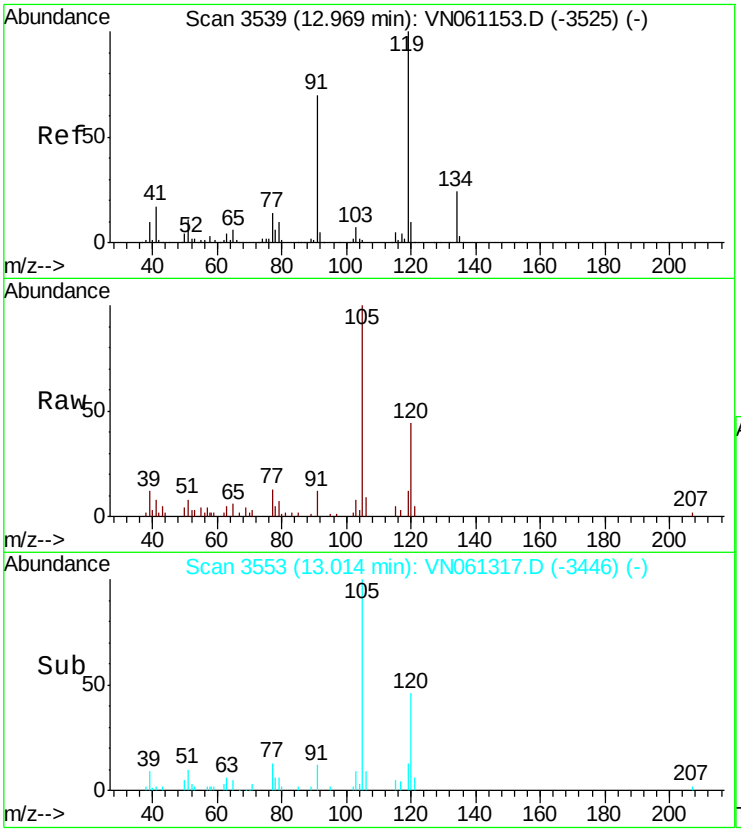


#81
trans-1,4-Dichloro-2-butene
Concen: 71.812 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.10 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion: 75 Resp: 48421

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.1	126.1#
89	0.0	35.2	52.8#



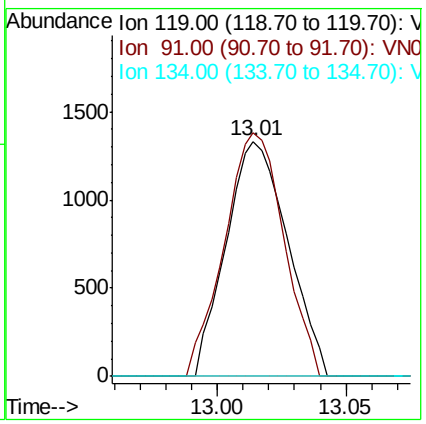


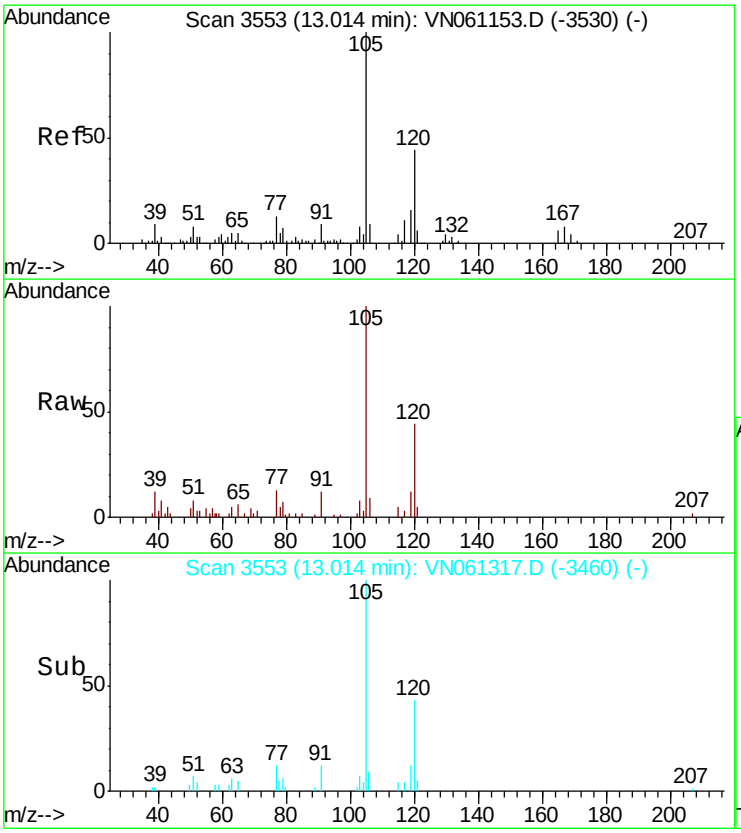
#83
tert-Butylbenzene
Concen: 0.531 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.05 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 2214

Ion	Ratio	Lower	Upper
119	100		
91	100.2	34.8	104.4
134	0.0	12.9	38.7#

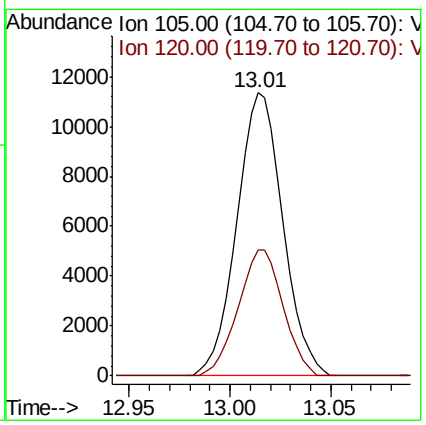


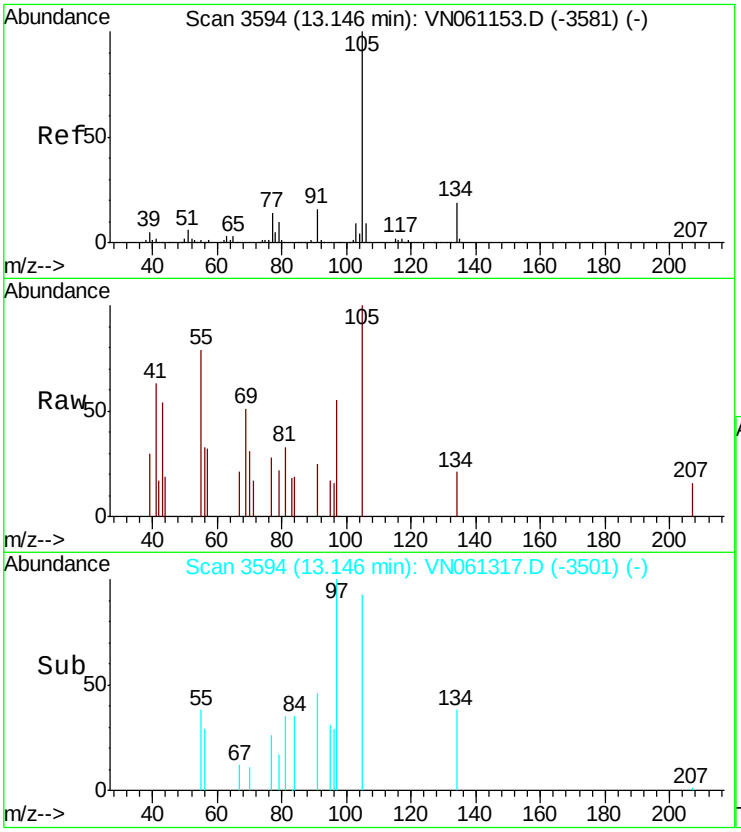


#84
1,2,4-Trimethylbenzene
Concen: 3.565 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:105 Resp: 18149

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.2	66.6



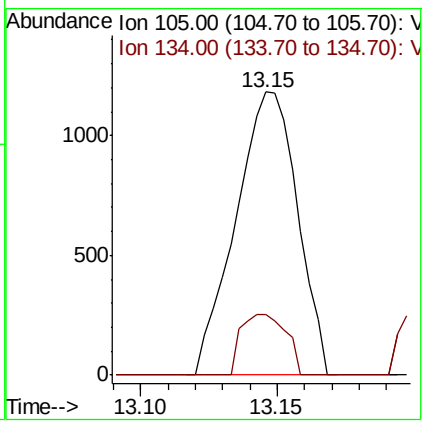


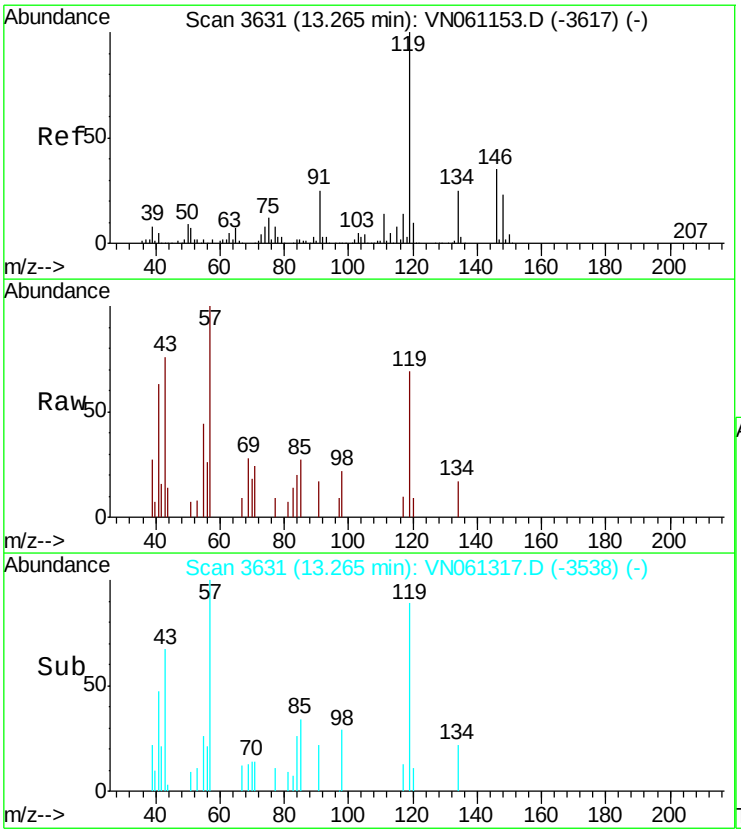
#85
sec-Butylbenzene
Concen: 0.327 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1857

Ion	Ratio	Lower	Upper
105	100		
134	15.6	9.6	28.8

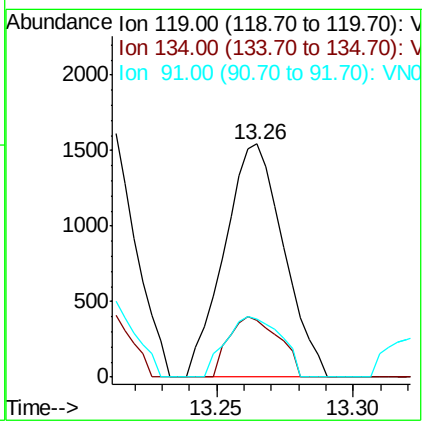


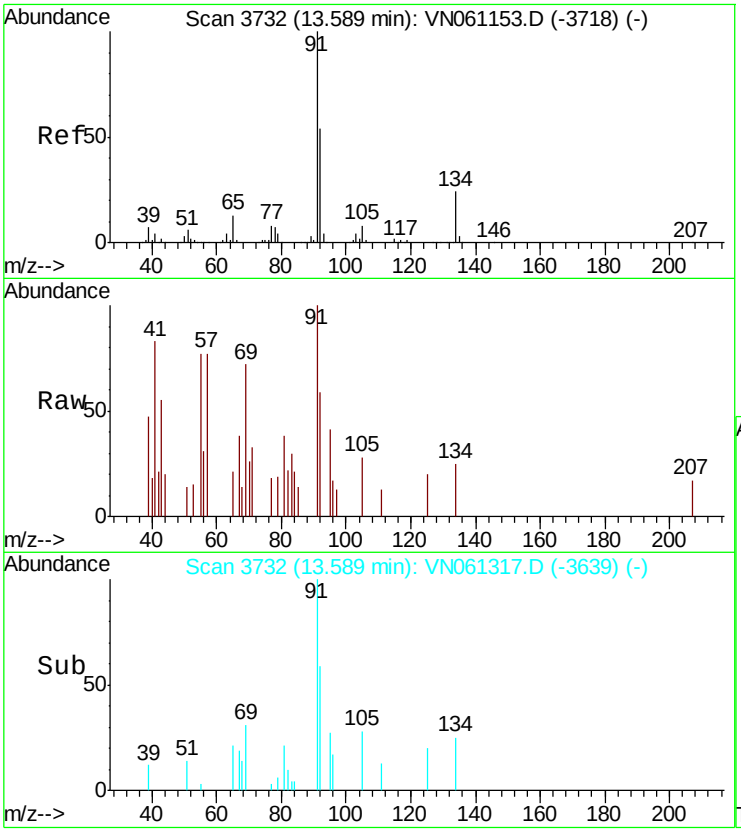


#86
p-Isopropyltoluene
Concen: 0.455 ug/l
RT: 13.26 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:119 Resp: 2329

Ion	Ratio	Lower	Upper
119	100		
134	21.9	12.6	37.6
91	24.0	12.7	38.0



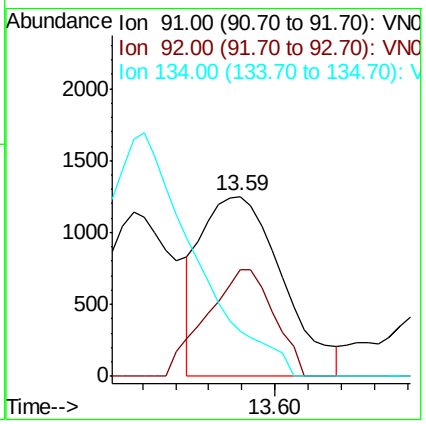


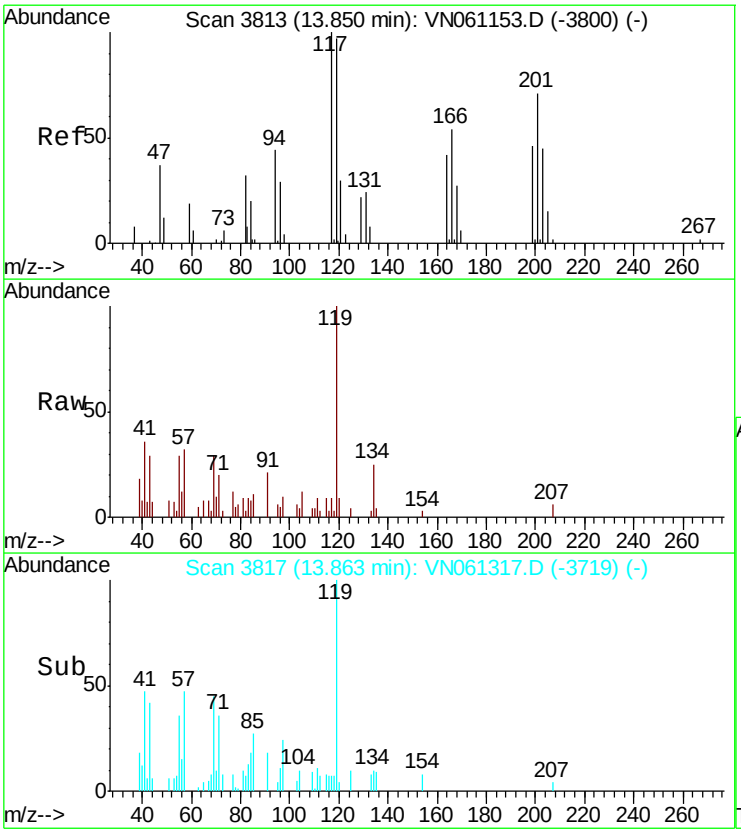
#89
n-Butylbenzene
Concen: 0.451 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2117

Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.8	80.3
134	0.0	11.9	35.5#

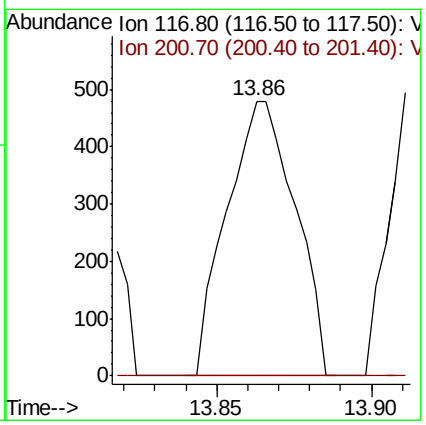


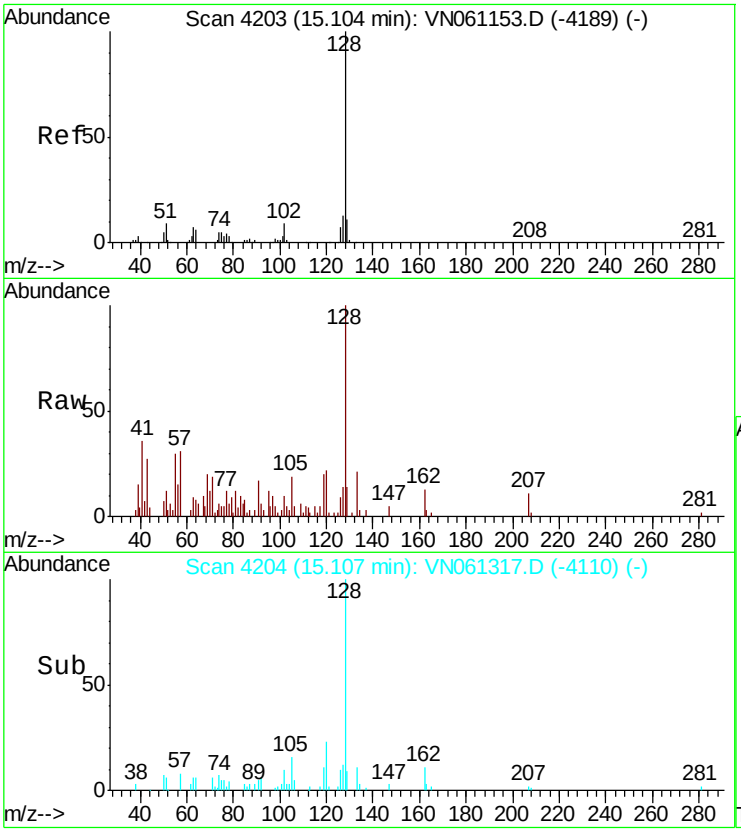


#90
Hexachloroethane
Concen: 8.794 ug/l
RT: 13.86 min Scan# 3817
Delta R.T. 0.01 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:117 Resp: 736

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.5	106.7#



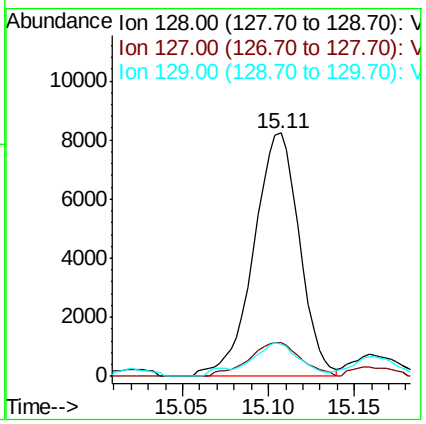


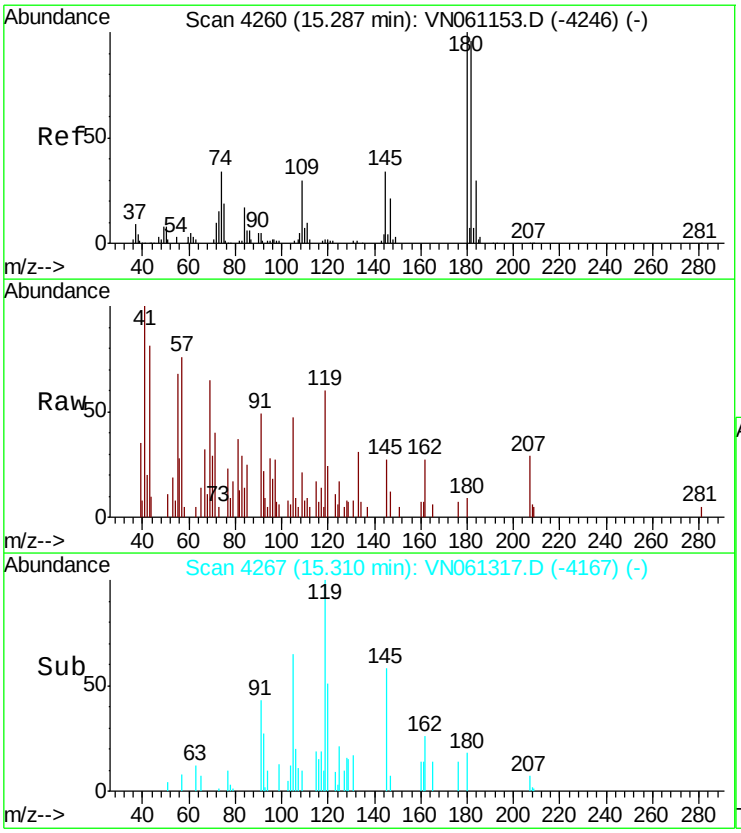
#95
Naphthalene
Concen: 3.141 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 15153

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.4	15.6#
129	10.3	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.376 ug/l
RT: 15.31 min Scan# 4267
Delta R.T. 0.02 min
Lab File: VN061317.D
Acq: 6 May 2020 18:09

Tgt Ion:180 Resp: 550

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	0.0	16.9	50.7#