Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021420\
Data File : VN060105.D
Acq On : 14 Feb 2020 13:02
Operator : JC/MD
Sample : L1484-01
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Feb 15 02:44:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	155206	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.56	114	250430	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	225695	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104785	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	96074	50.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.74%				
35) Dibromofluoromethane	7.56	113	73156	47.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.04%				
50) Toluene-d8	10.08	98	297662	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
62) 4-Bromofluorobenzene	12.40	95	106496	47.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.62%				
Target Compounds							Qvalue
5) Bromomethane	2.49	94	395	0.306	ug/l		83
6) Chloroethane	2.59	64	332	0.312	ug/l	#	41
10) Methyl Iodide	3.91	142	634	2.787	ug/l	#	42
11) Tert butyl alcohol	4.71	59	3365	11.907	ug/l	#	72
16) Acetone	3.82	43	231	0.280	ug/l	#	43
18) Methyl Acetate	4.30	43	441	0.285	ug/l	#	50
31) Cyclohexane	7.64	56	3460	1.295	ug/l	#	11
36) 1,1-Dichloropropene	7.63	75	11885	5.124	ug/l	#	49
38) Carbon Tetrachloride	7.64	117	15244	6.051	ug/l	#	14
48) Methyl methacrylate	9.40	41	416	0.259	ug/l	#	41
51) 4-Methyl-2-Pentanone	9.98	43	963	0.464	ug/l	#	60
59) 2-Hexanone	10.75	43	1790	1.117	ug/l		79
67) Ethyl Benzene	11.51	91	2453	0.296	ug/l		97
68) m/p-Xylenes	11.61	106	911	0.293	ug/l		87
69) o-Xylene	11.94	106	1046	0.349	ug/l		99
74) N-amyl acetate	12.07	43	688	0.244	ug/l	#	43
76) 1,2,3-Trichloropropane	12.40	75	55031	27.450	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	55031	67.212	ug/l	#	12
82) 4-Chlorotoluene	12.77	91	1294	0.241	ug/l		78
87) 1,3-Dichlorobenzene	13.28	146	1140	0.332	ug/l		95
88) 1,4-Dichlorobenzene	13.28	146	1140	0.332	ug/l		94
89) n-Butylbenzene	13.61	91	2146	0.353	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	1138	0.338	ug/l		93
93) 1,2,4-Trichlorobenzene	14.91	180	2654	1.343	ug/l		89
94) Hexachlorobutadiene	15.01	225	719	0.621	ug/l		87
95) Naphthalene	15.13	128	9197	1.723	ug/l		99
96) 1,2,3-Trichlorobenzene	15.31	180	2936	1.492	ug/l		91

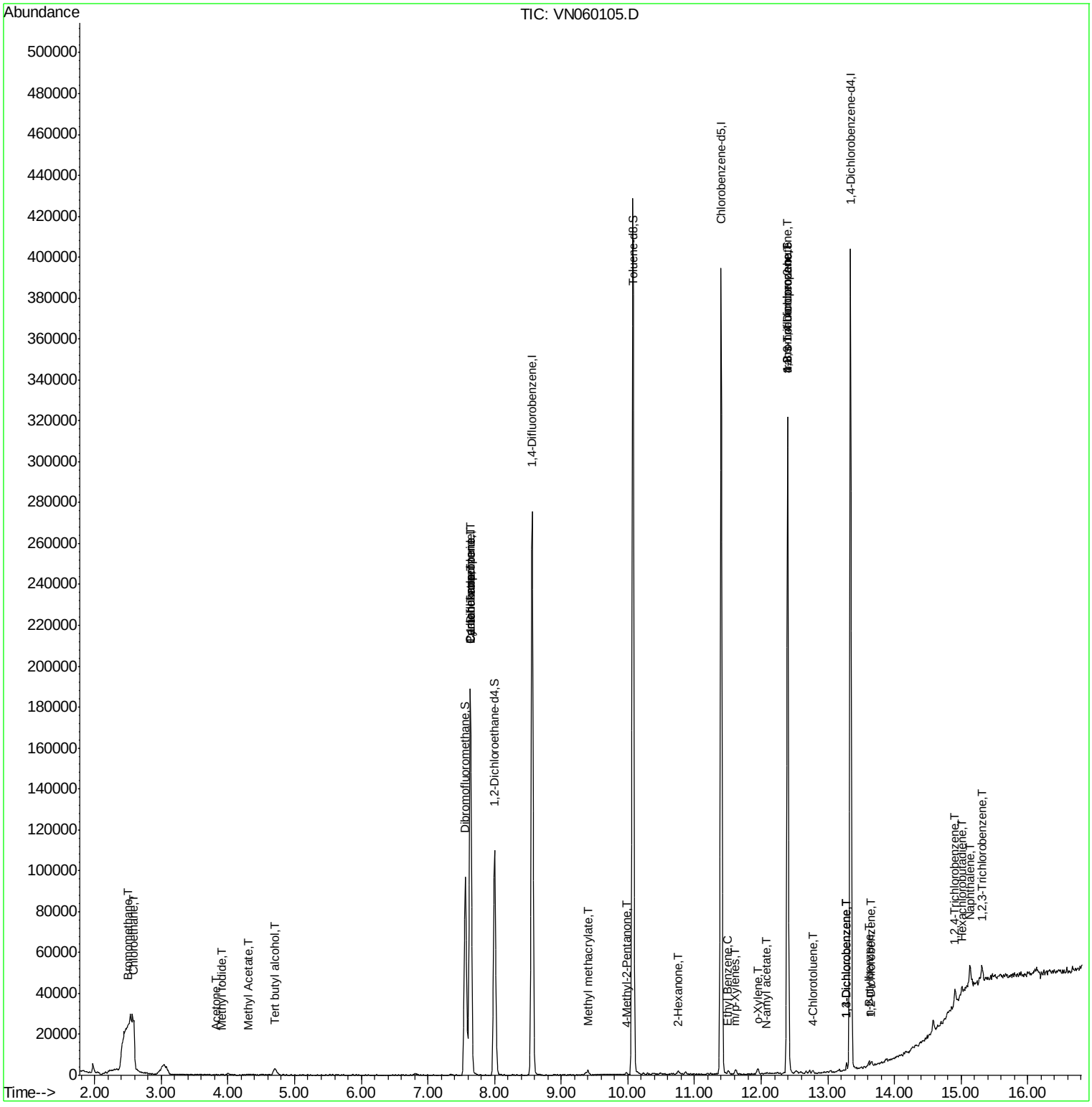
(#) = qualifier out of range (m) = manual integration (+) = signals summed

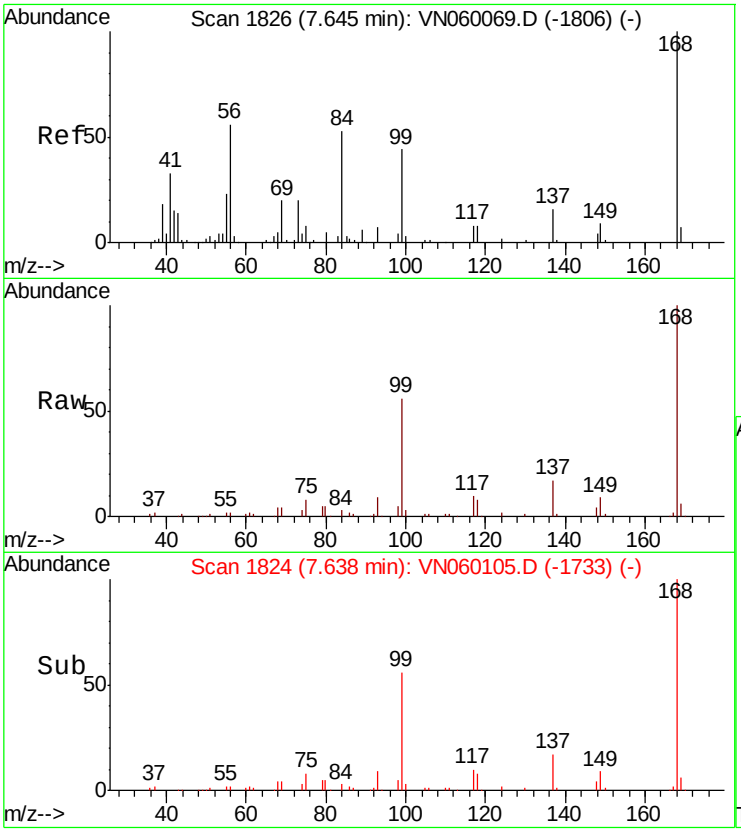
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN021420\
Data File : VN060105.D
Acq On : 14 Feb 2020 13:02
Operator : JC/MD
Sample : L1484-01
Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 15 02:44:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration



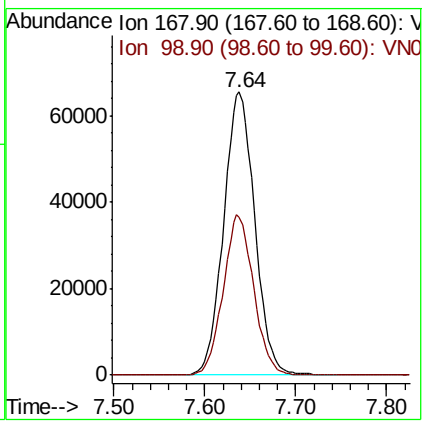


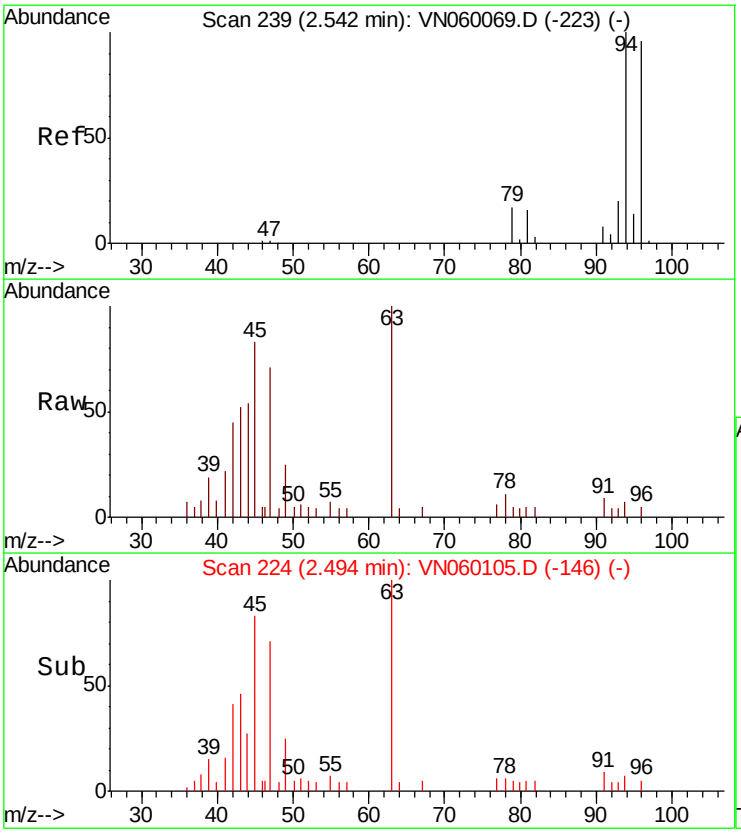
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 155206

Ion	Ratio	Lower	Upper
168	100		
99	56.0	42.7	64.1

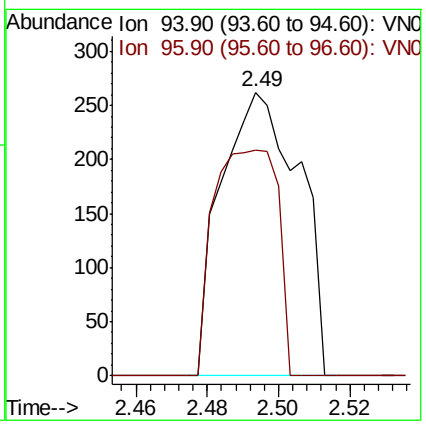


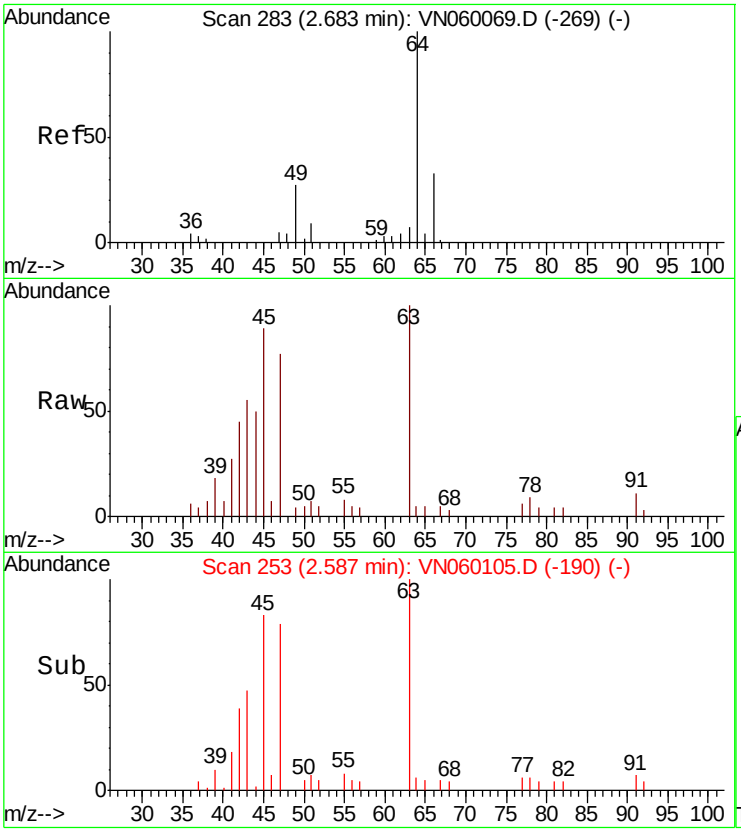


#5
Bromomethane
Concen: 0.306 ug/l
RT: 2.49 min Scan# 224
Delta R.T. -0.05 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 94 Resp: 395

Ion	Ratio	Lower	Upper
94	100		
96	79.8	76.7	115.1



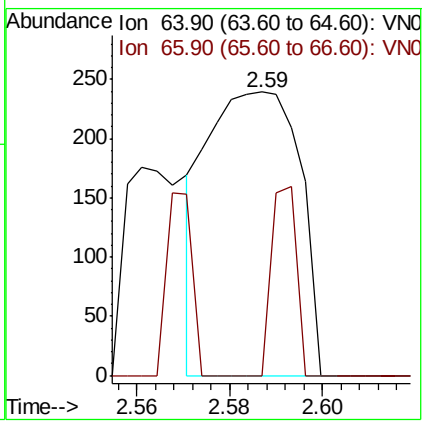


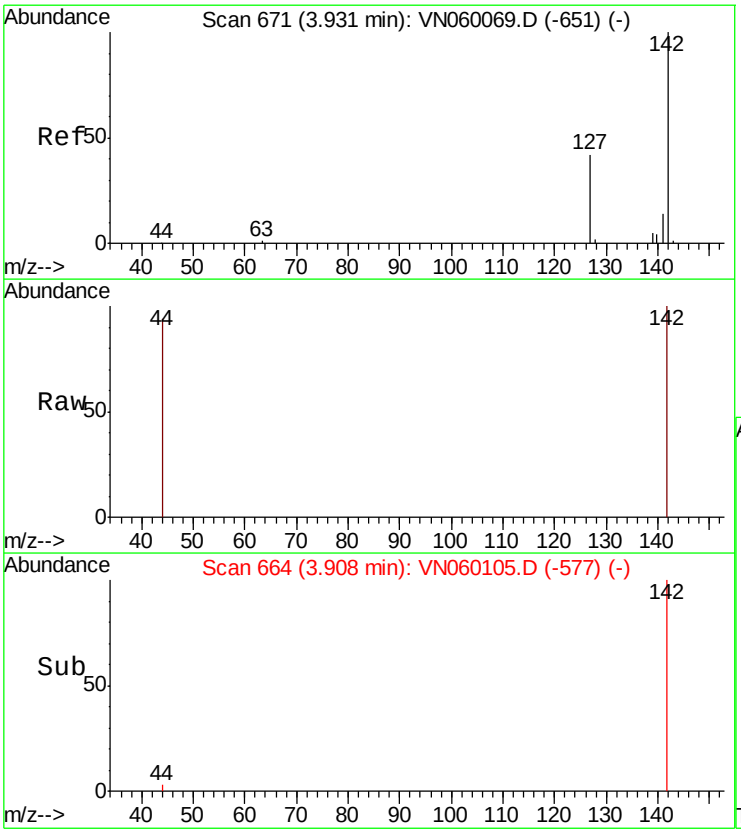
#6
Chloroethane
Concen: 0.312 ug/l
RT: 2.59 min Scan# 253
Delta R.T. -0.10 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 64 Resp: 332

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

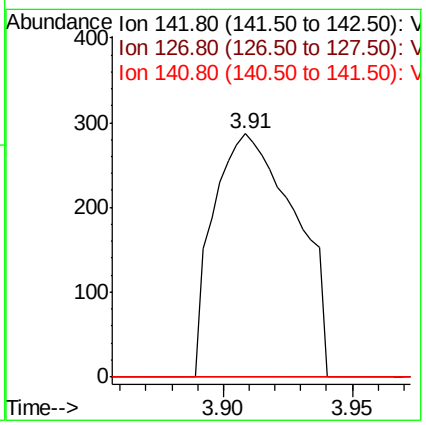


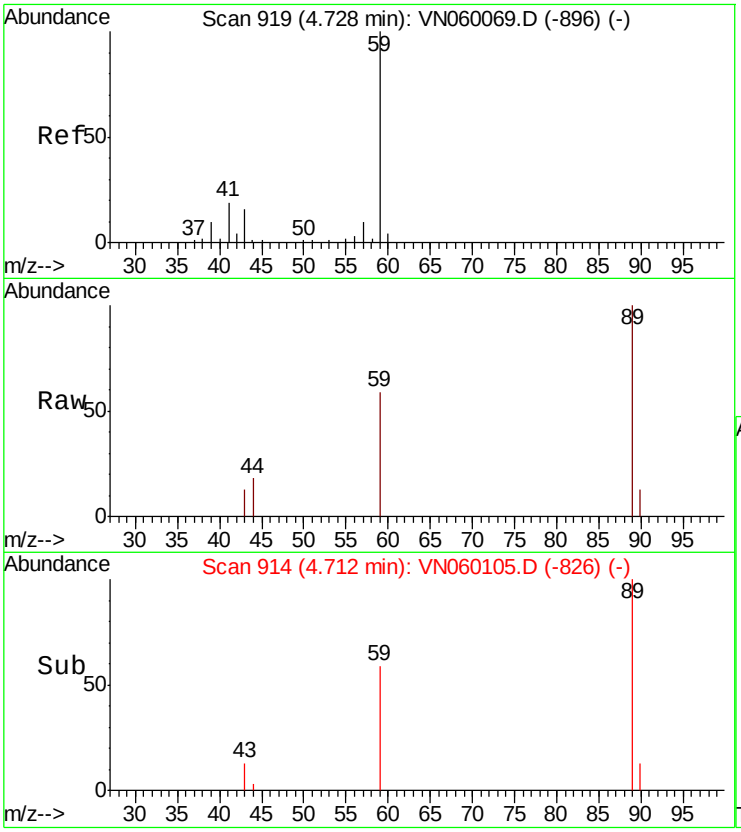


#10
Methyl Iodide
Concen: 2.787 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.02 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:142 Resp: 634

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.6	50.4#
141	0.0	11.4	17.2#



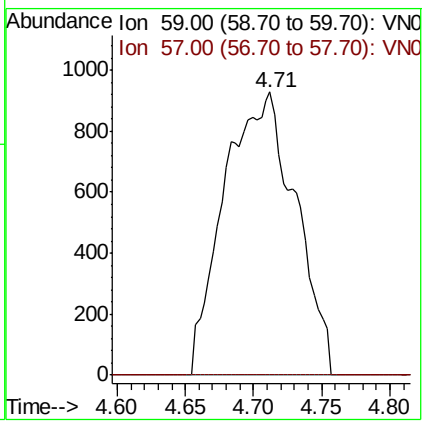


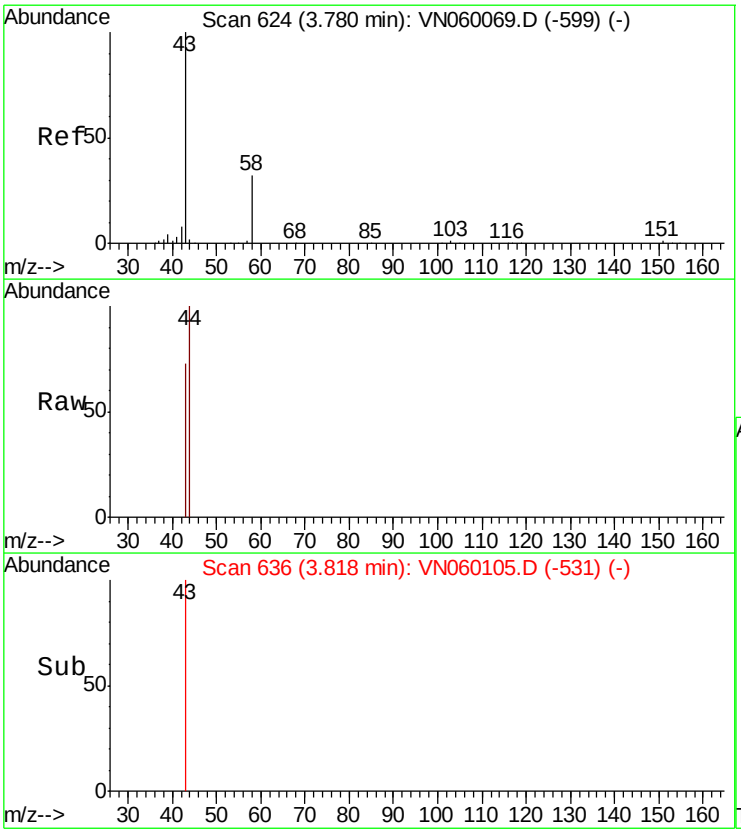
#11
Tert butyl alcohol
Concen: 11.907 ug/l
RT: 4.71 min Scan# 914
Delta R.T. -0.02 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 3365

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

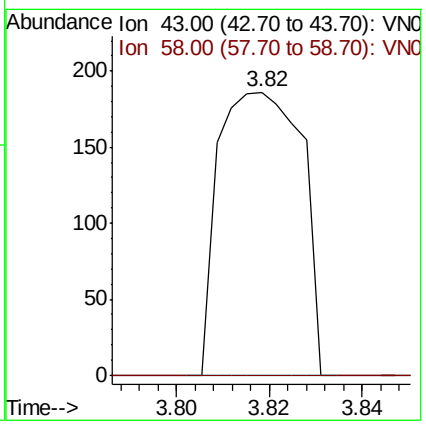


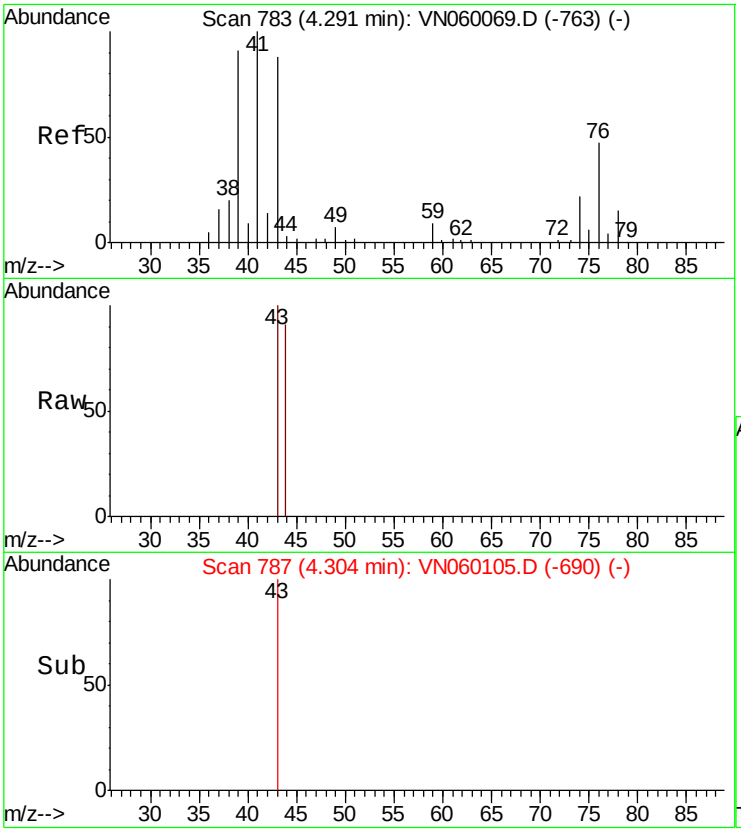


#16
Acetone
Concen: 0.280 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.04 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 43 Resp: 231

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.2	37.8#



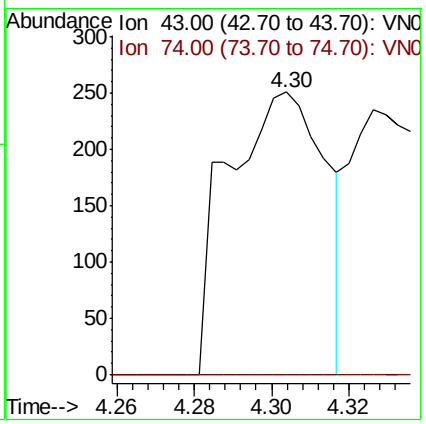


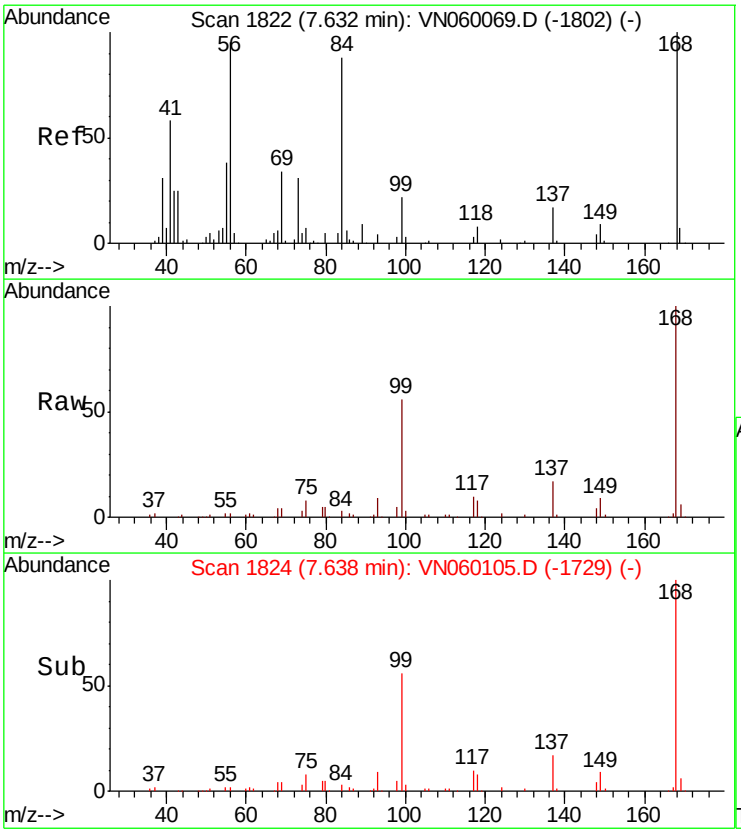
#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 441

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.3	30.5#

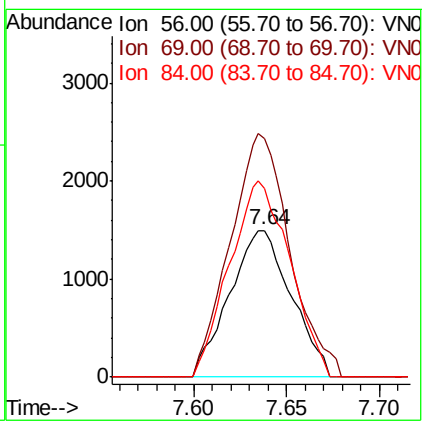


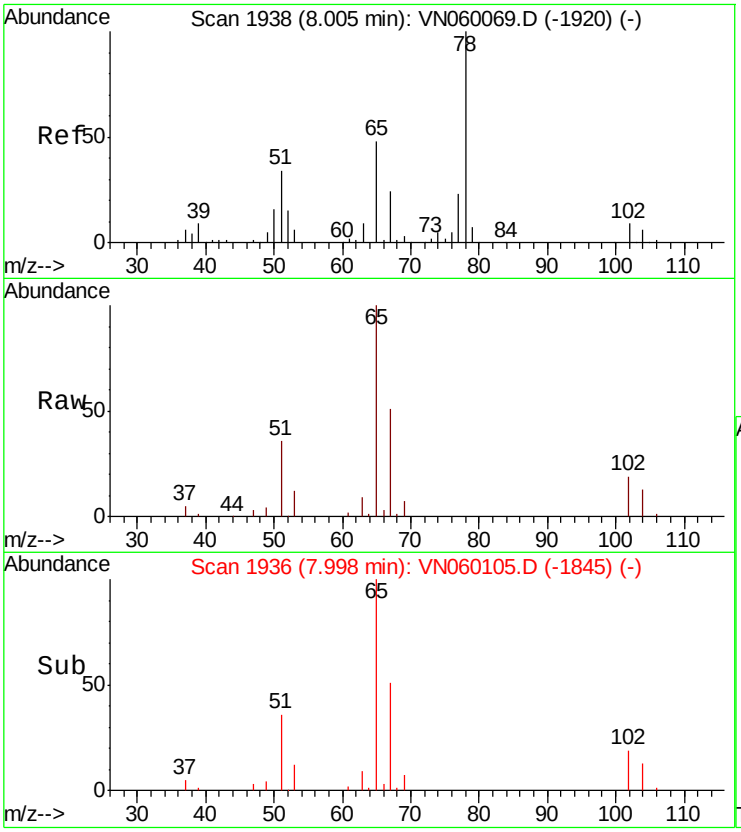


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 56 Resp: 3460

Ion	Ratio	Lower	Upper
56	100		
69	162.0	28.3	42.5#
84	128.1	72.6	108.8#



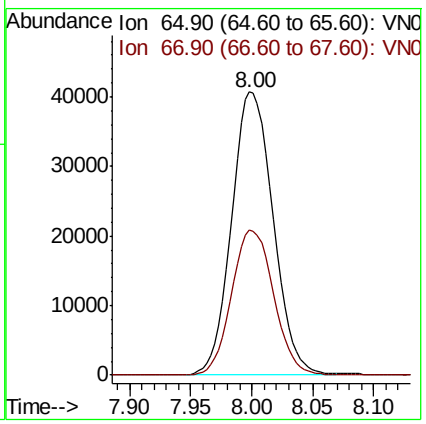


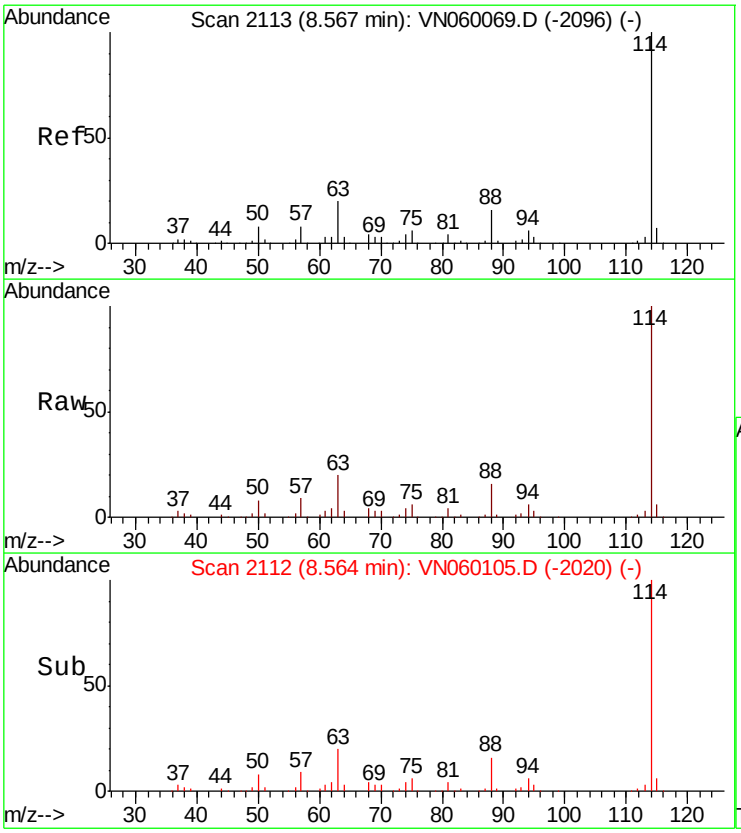
#33
1,2-Dichloroethane-d4
Concen: 50.871 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 96074

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

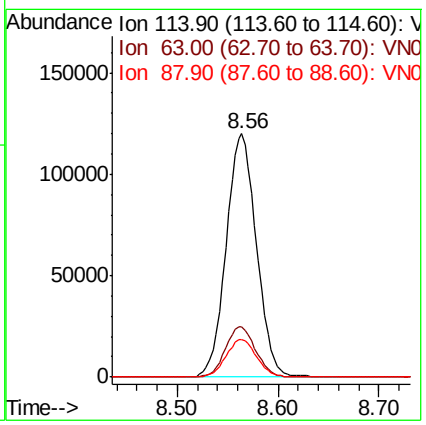


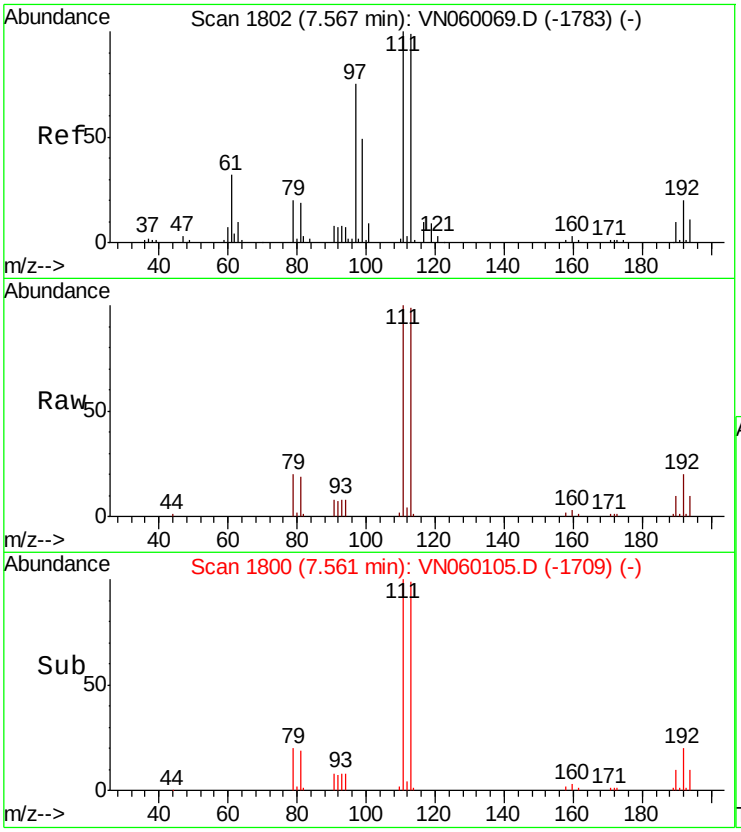


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:114 Resp: 250430

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	15.5	0.0	31.6



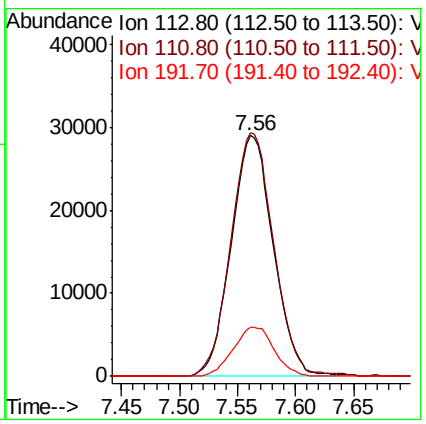


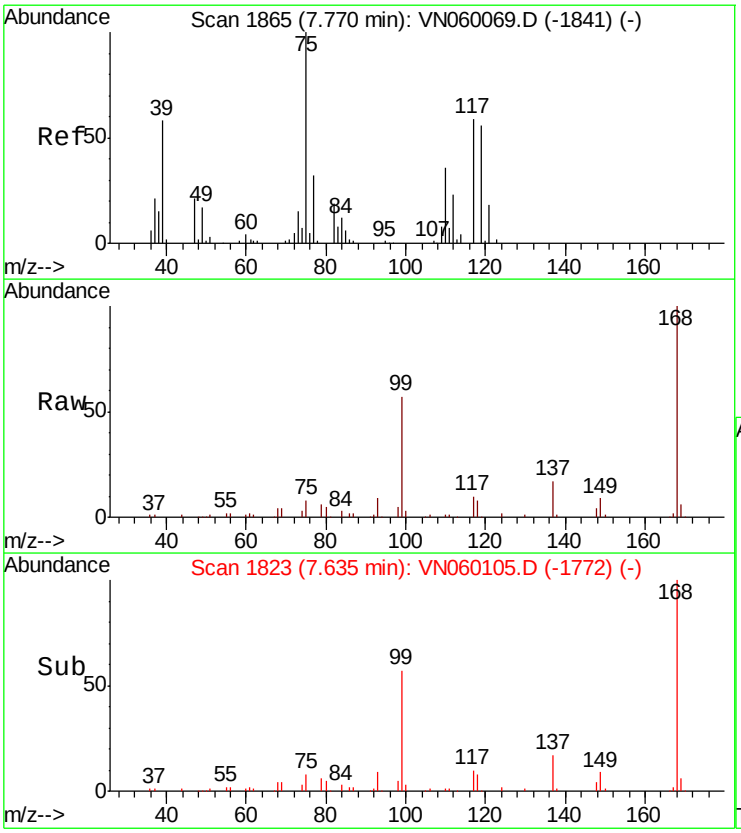
#35
Dibromofluoromethane
Concen: 47.523 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 73156

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	19.9	16.2	24.2

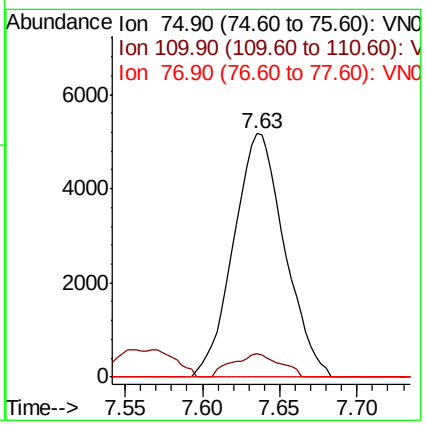


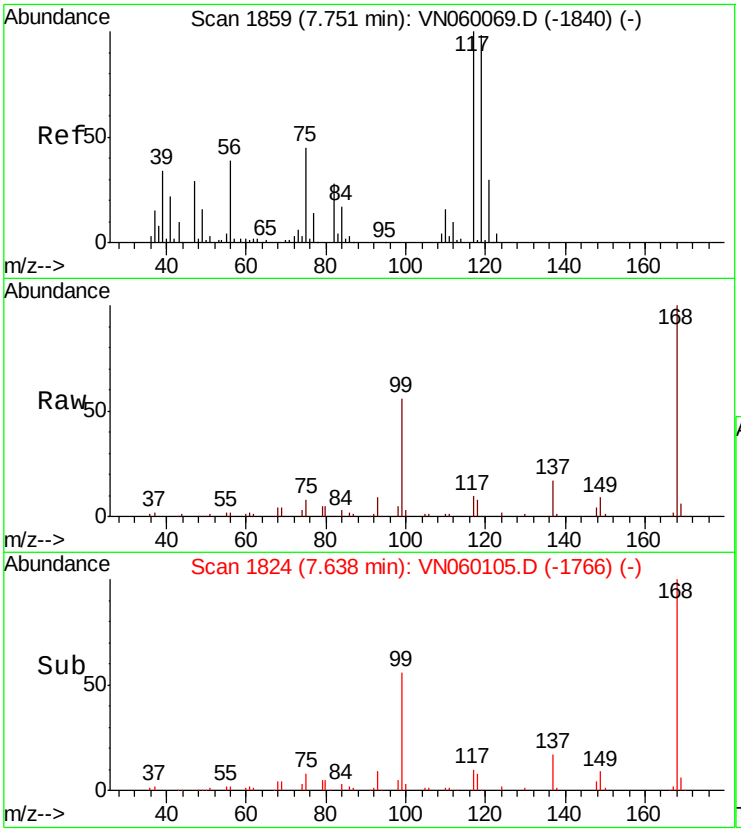


#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.14 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 75 Resp: 11885

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	25.1	37.7#



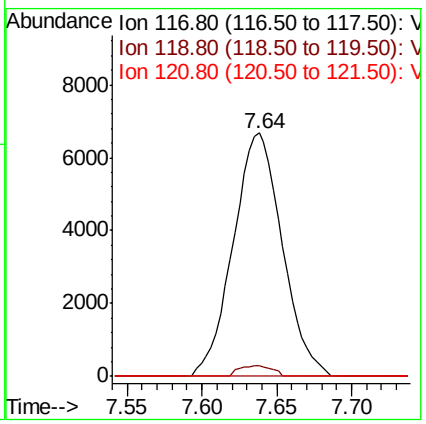


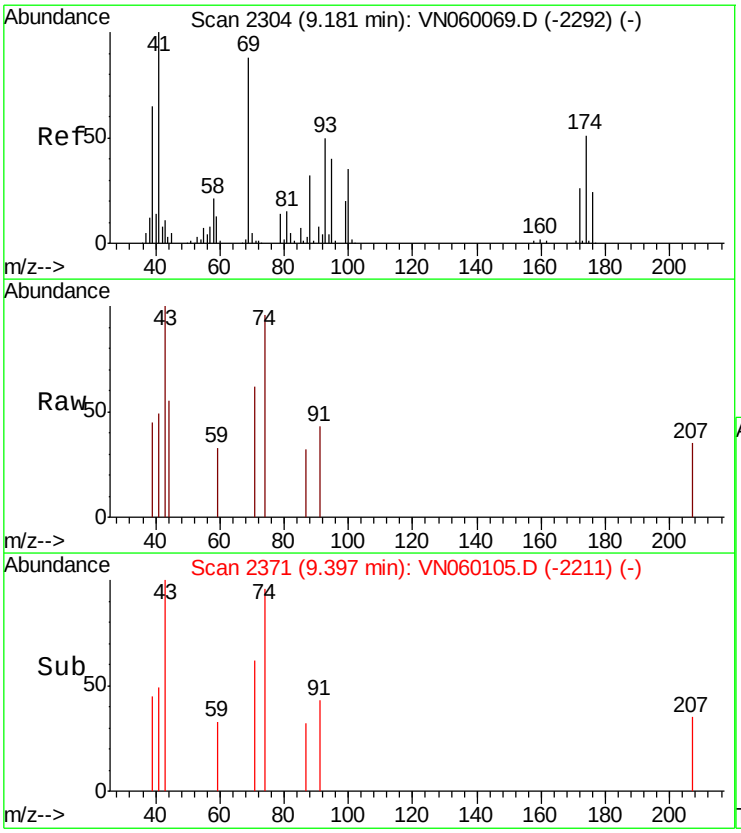
#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.11 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 15244

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.2	117.4#
121	0.0	24.2	36.2#

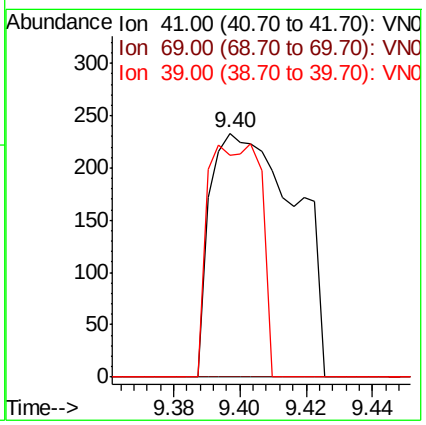


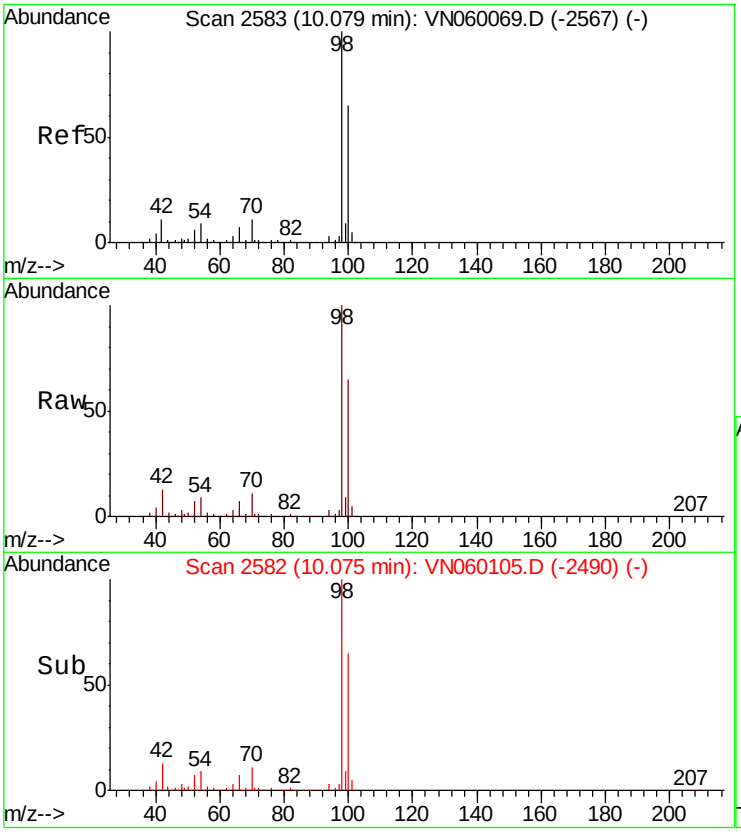


#48
Methyl methacrylate
Concen: 0.259 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.22 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 41 Resp: 416

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.0	108.0#
39	58.9	54.1	81.1



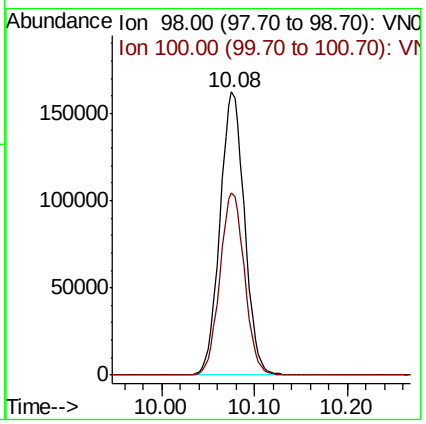


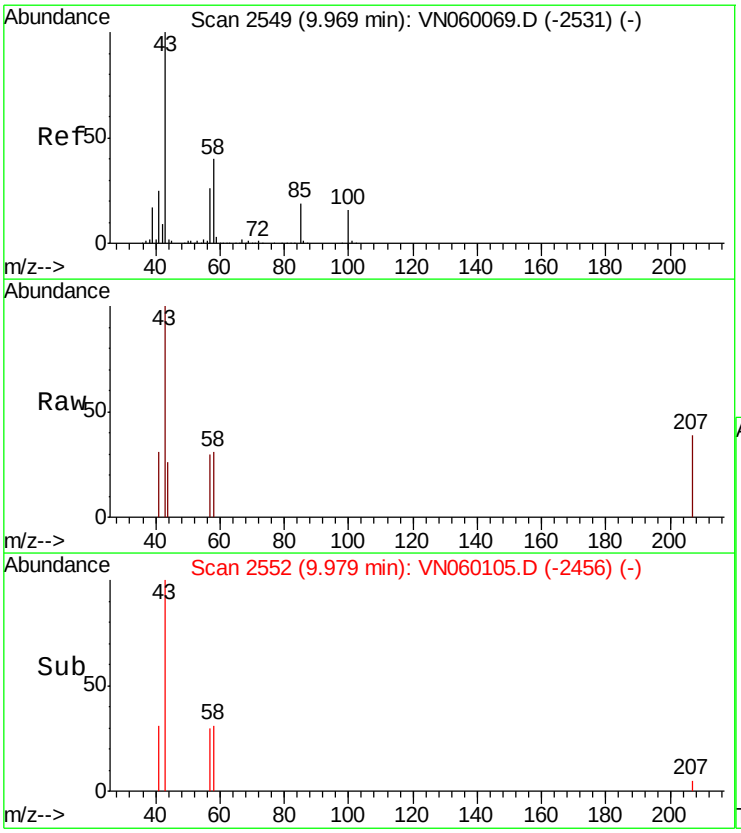
#50
Toluene-d8
Concen: 49.102 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 297662

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5

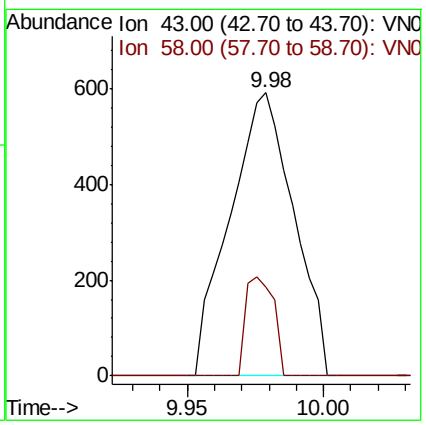


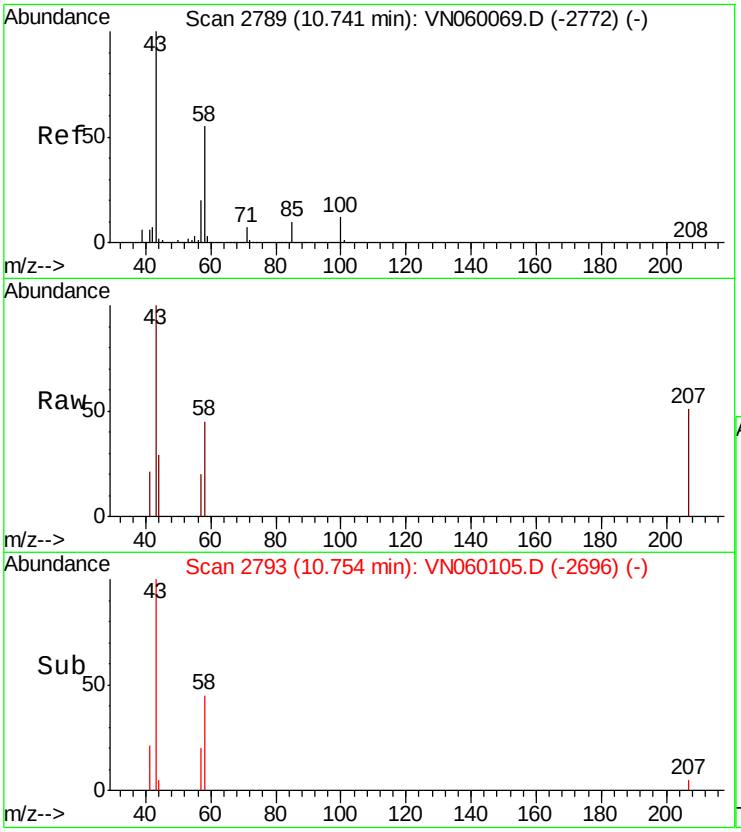


#51
4-Methyl-2-Pentanone
Concen: 0.464 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 43 Resp: 963

Ion	Ratio	Lower	Upper
43	100		
58	15.0	31.8	47.8#



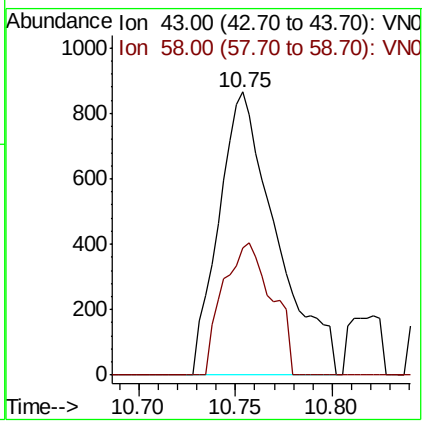


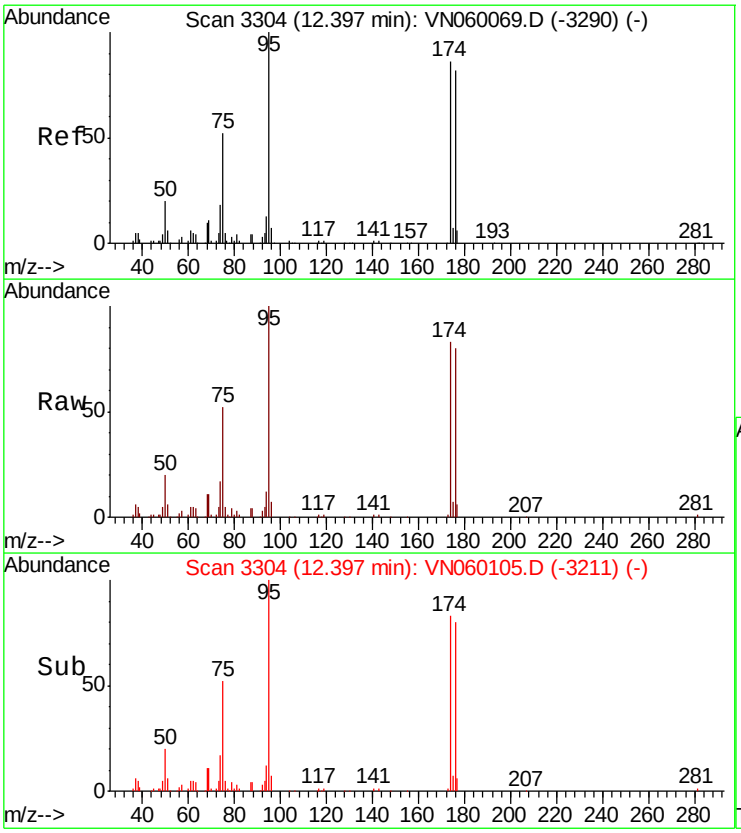
#59
2-Hexanone
Concen: 1.117 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1790

Ion	Ratio	Lower	Upper
43	100		
58	39.7	27.5	82.4

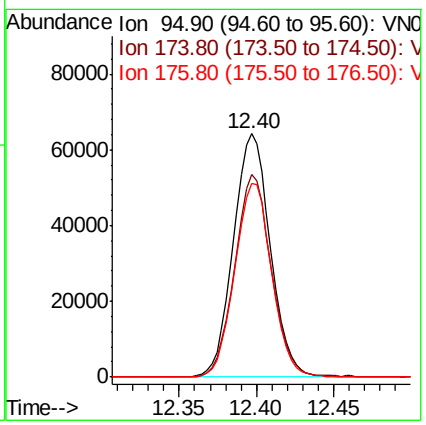


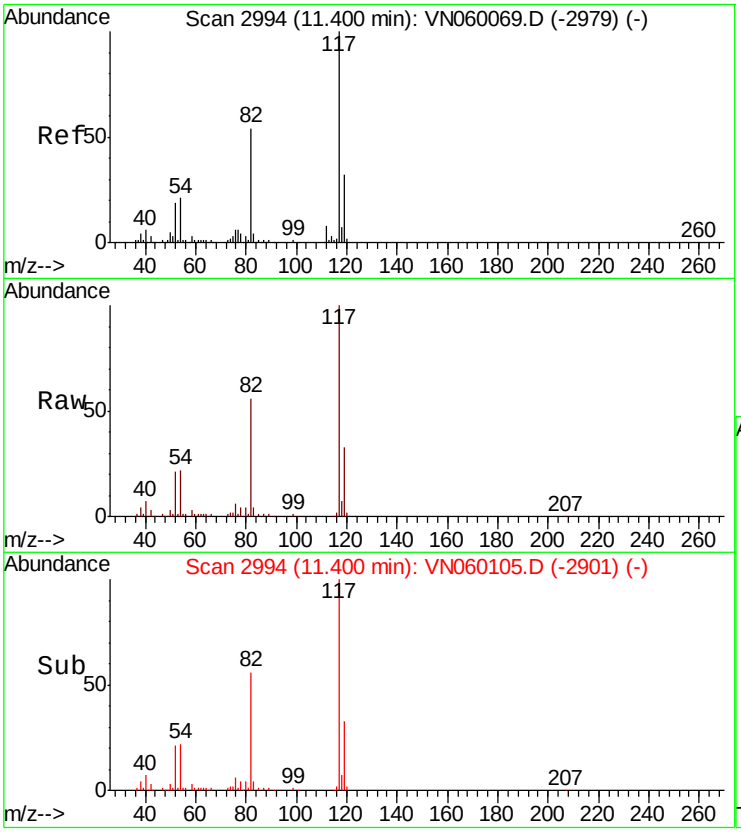


#62
4-Bromofluorobenzene
Concen: 47.809 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 95 Resp: 106496

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	169.8
176	79.8	0.0	164.8



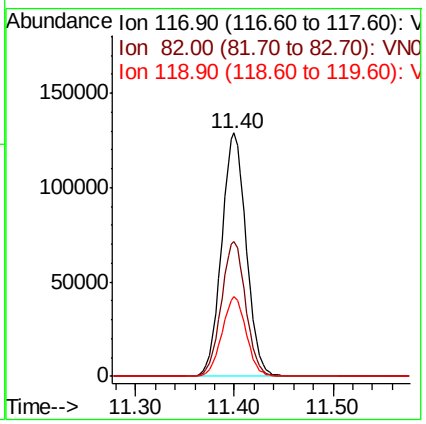


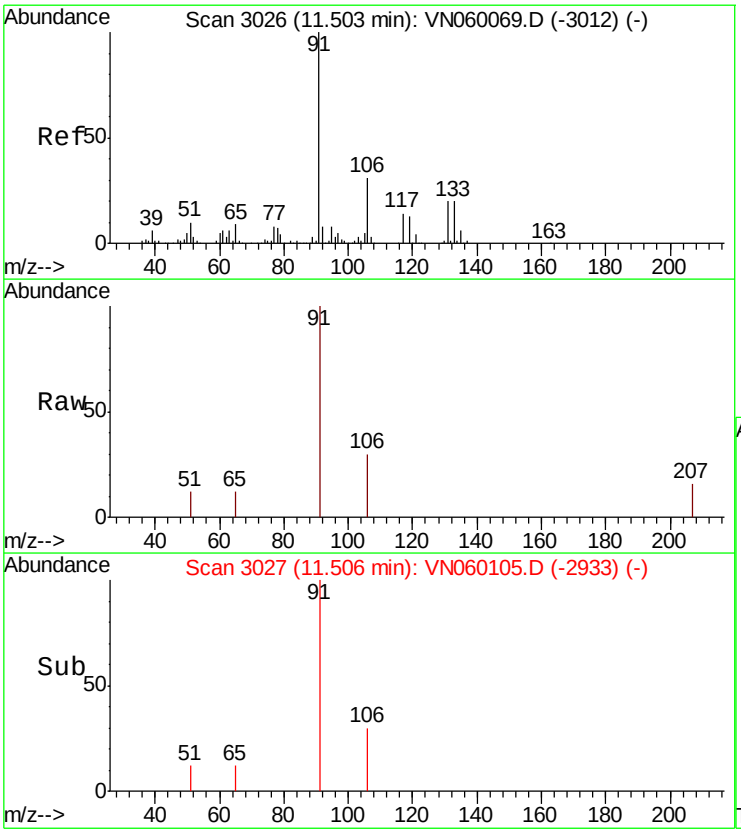
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 225695

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.4	65.0
119	32.6	25.8	38.6

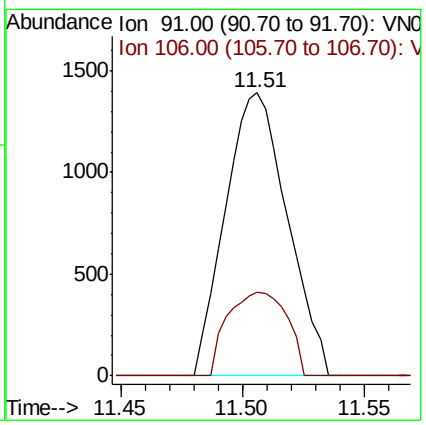


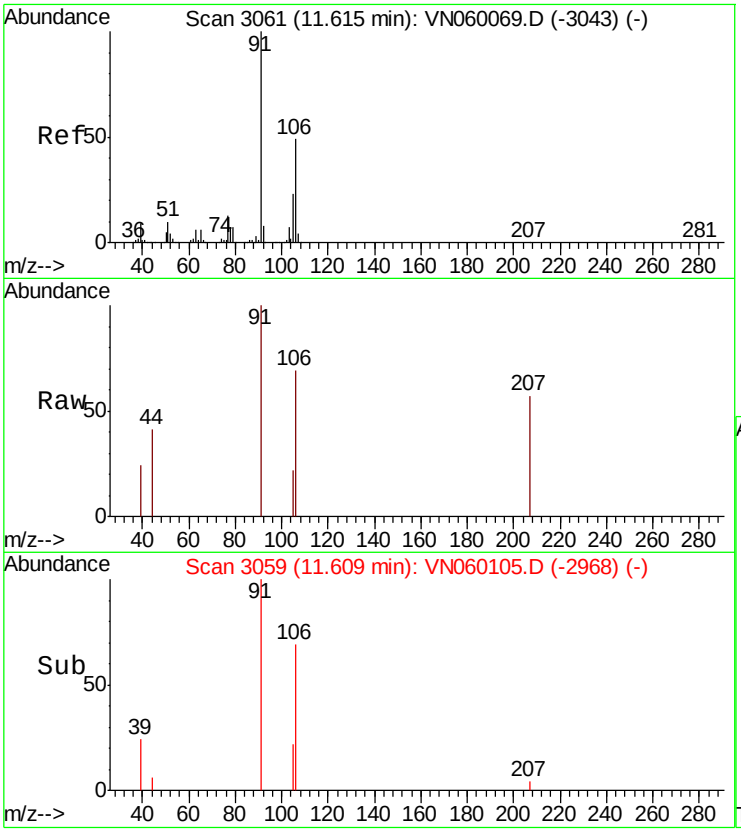


#67
Ethyl Benzene
Concen: 0.296 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 91 Resp: 2453

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.1	37.7



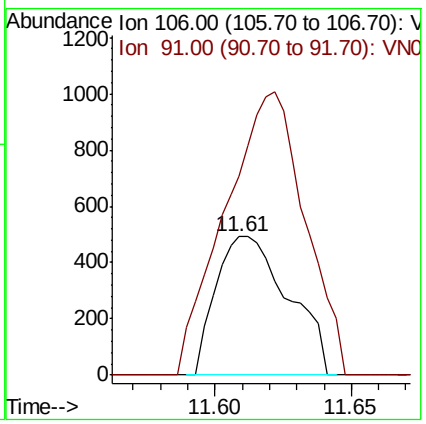


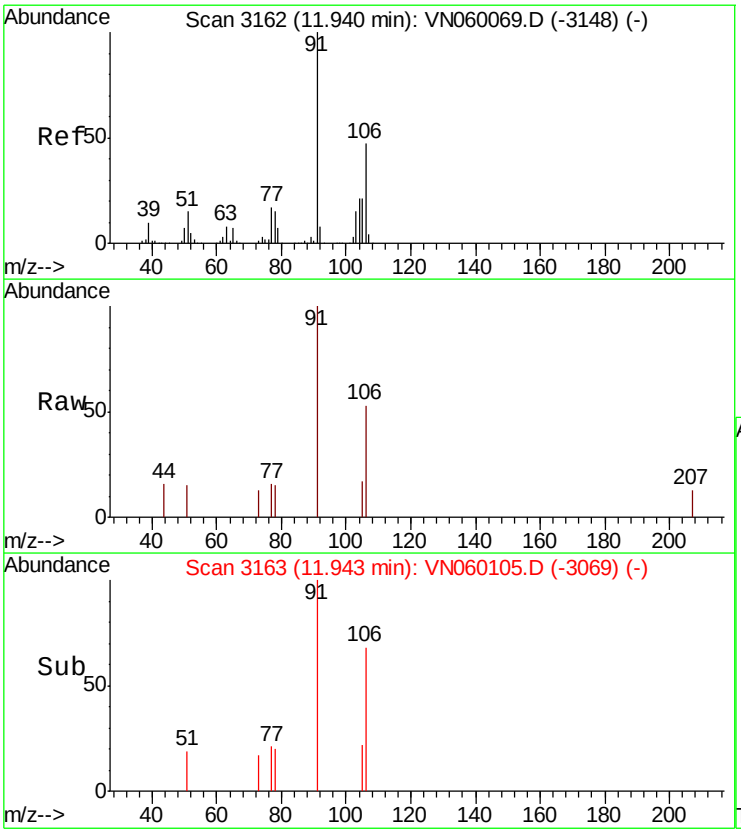
#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 911

Ion	Ratio	Lower	Upper
106	100		
91	223.9	162.7	244.1

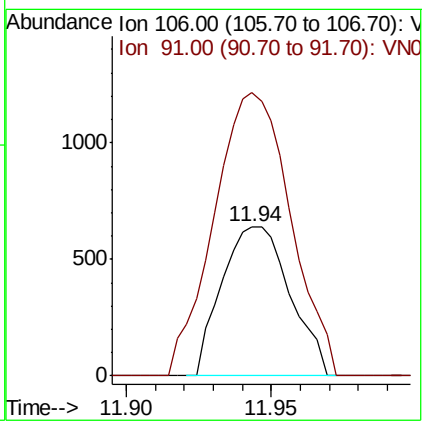


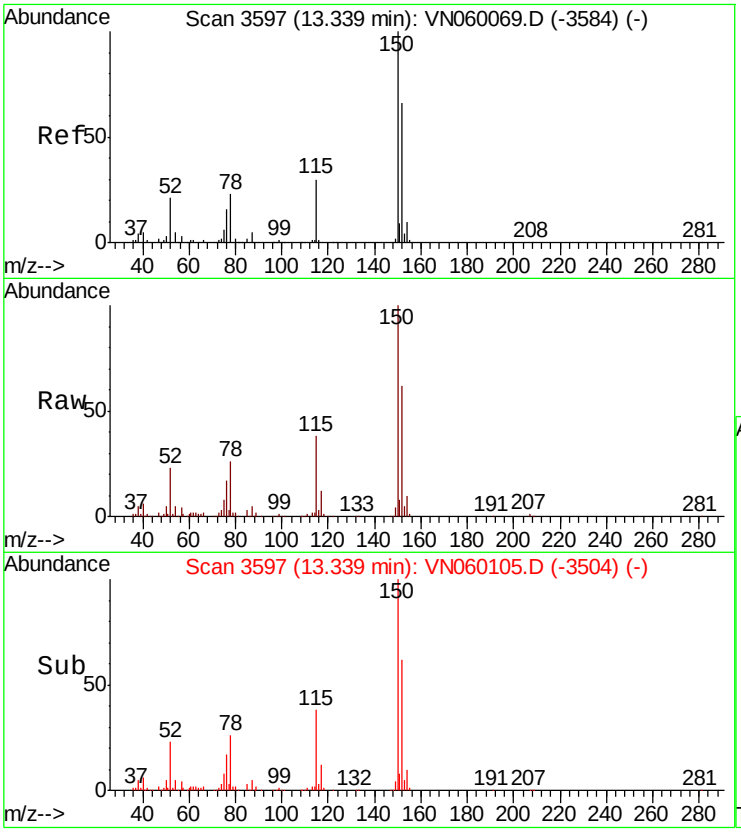


#69
o-Xylene
Concen: 0.349 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:106 Resp: 1046

Ion	Ratio	Lower	Upper
106	100		
91	212.9	107.2	321.6



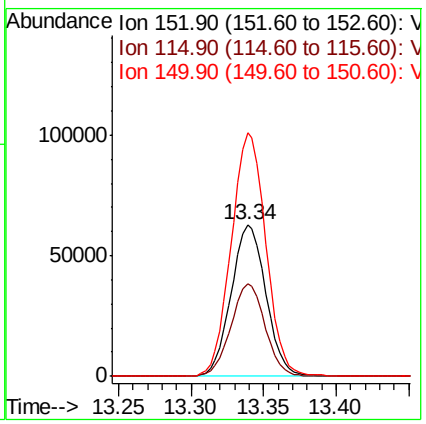


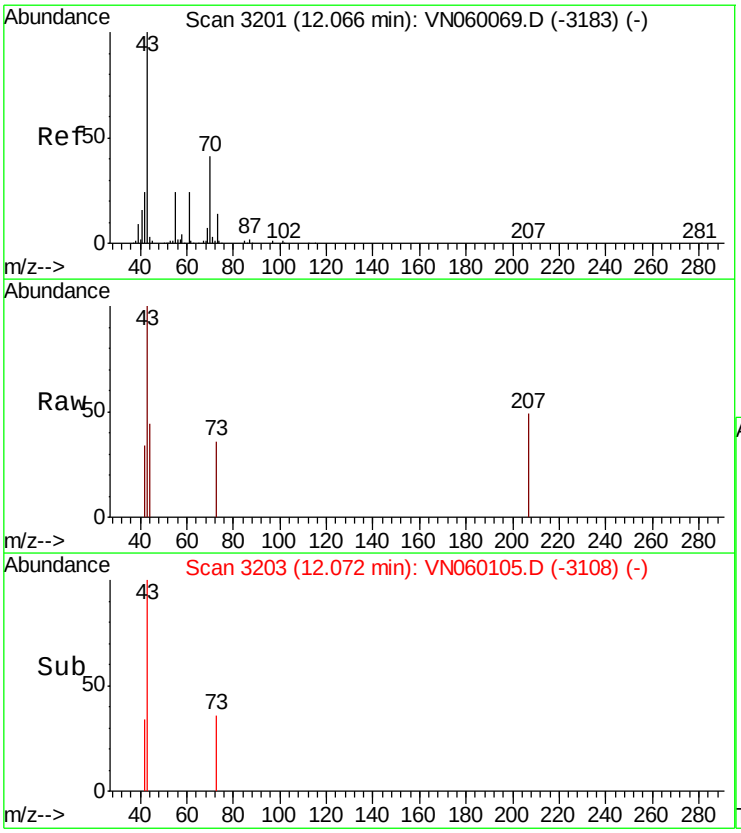
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 104785

Ion	Ratio	Lower	Upper
152	100		
115	60.3	28.9	86.8
150	160.4	0.0	342.4

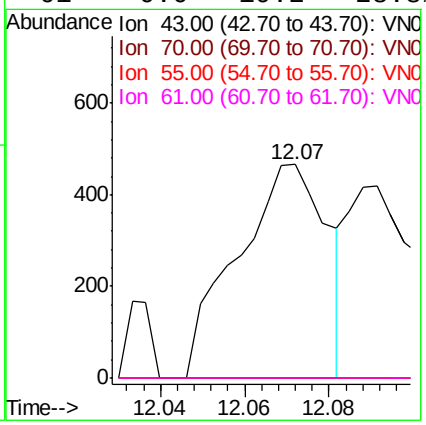


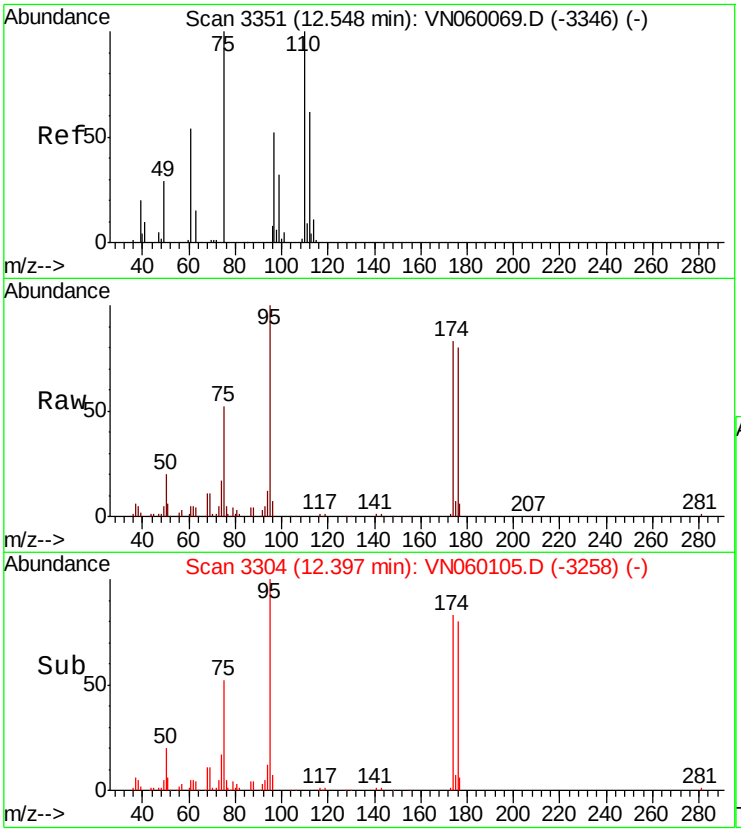


#74
N-amyl acetate
Concen: 0.244 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.01 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 43 Resp: 688

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.4	50.0#
55	0.0	18.8	28.2#
61	0.0	19.2	28.8#



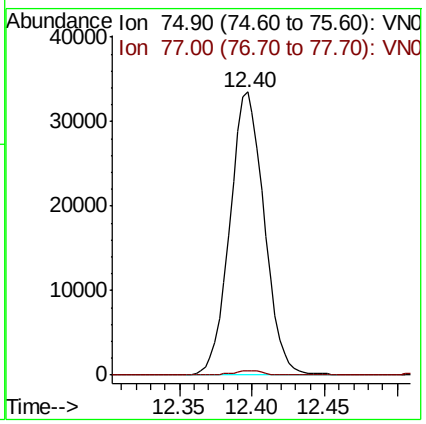


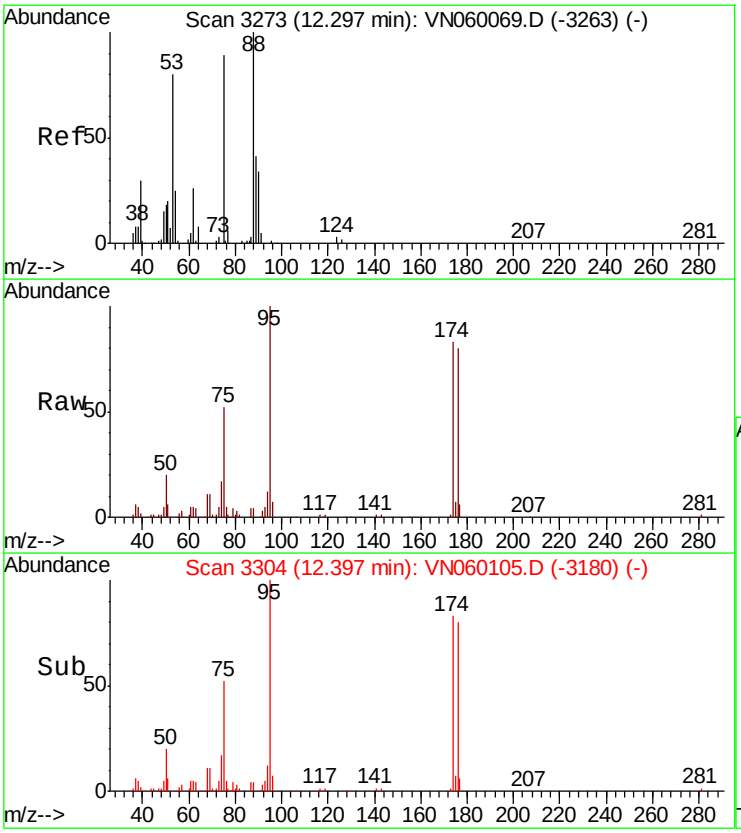
#76
1,2,3-Trichloropropane
Concen: 27.450 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 55031

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

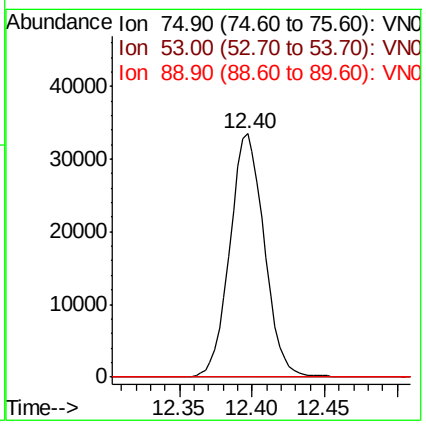


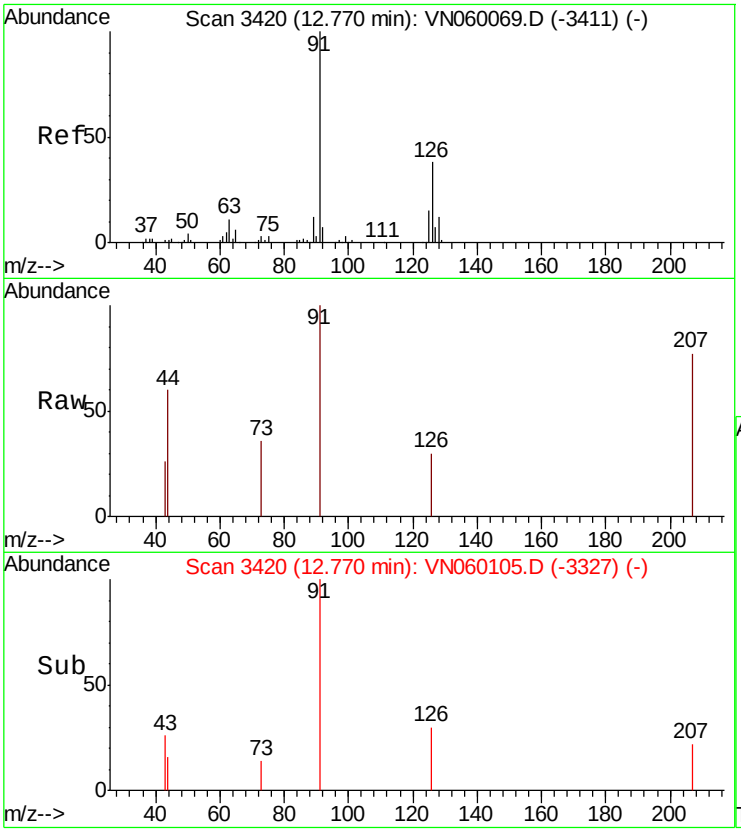


#81
trans-1,4-Dichloro-2-butene
Concen: 67.212 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 75 Resp: 55031

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.0	55.4#



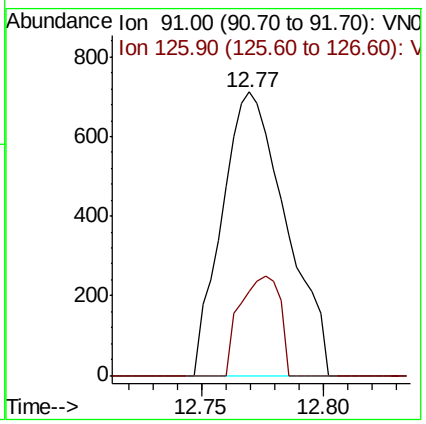


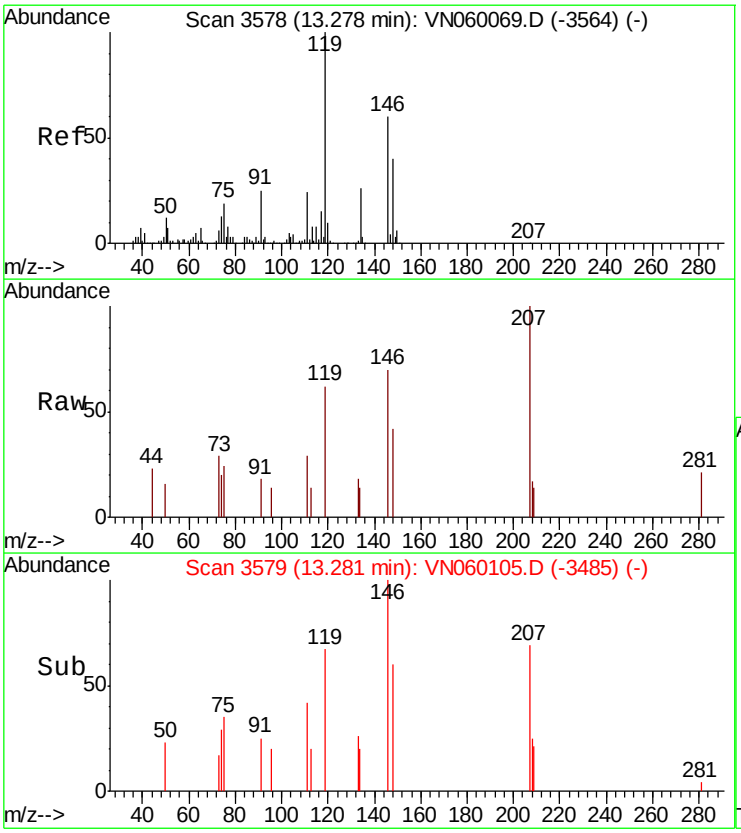
#82
4-Chlorotoluene
Concen: 0.241 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1294

Ion	Ratio	Lower	Upper
91	100		
126	21.7	17.1	51.3

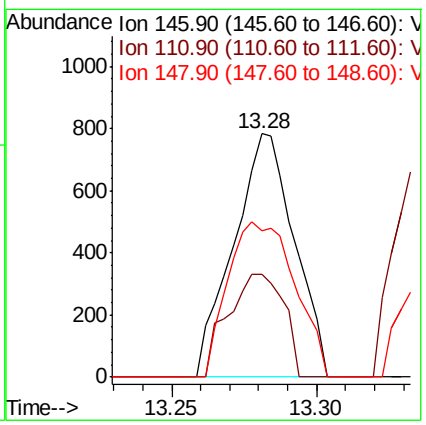


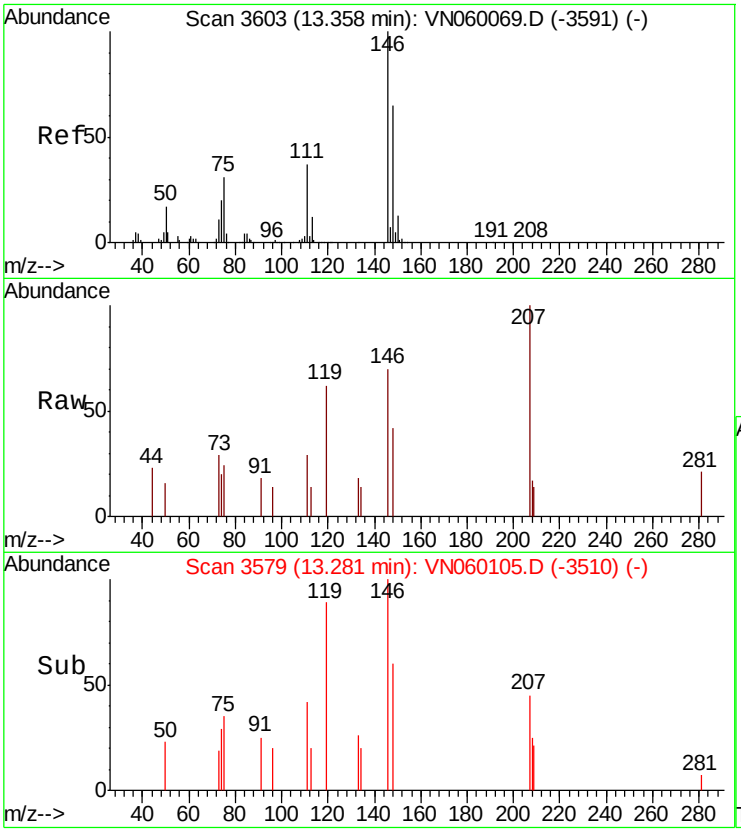


#87
1,3-Dichlorobenzene
Concen: 0.332 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:146 Resp: 1140

Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	70.2	32.0	96.2



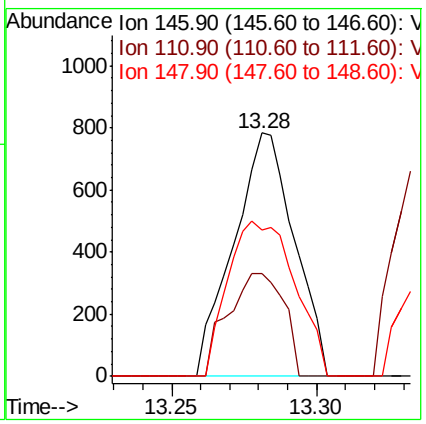


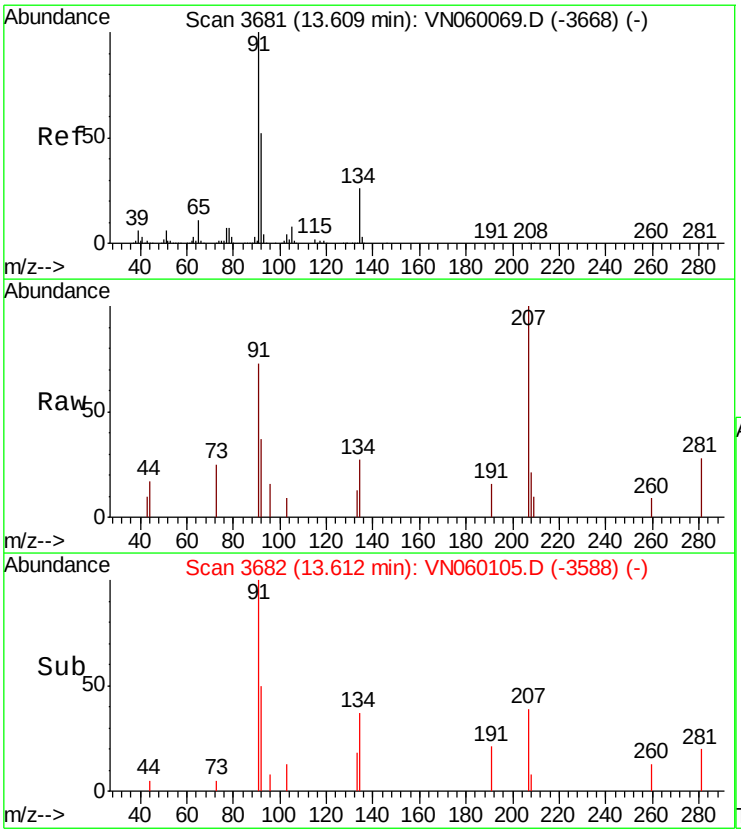
#88
1,4-Dichlorobenzene
Concen: 0.332 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. -0.08 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1140

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	70.2	32.0	96.0

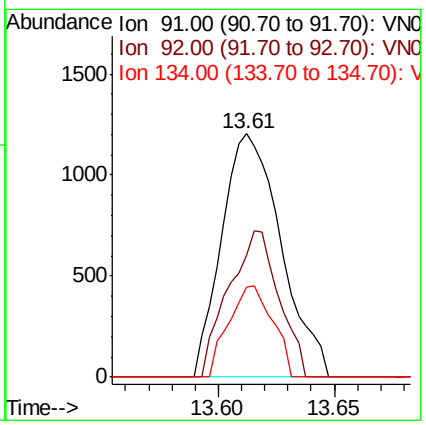


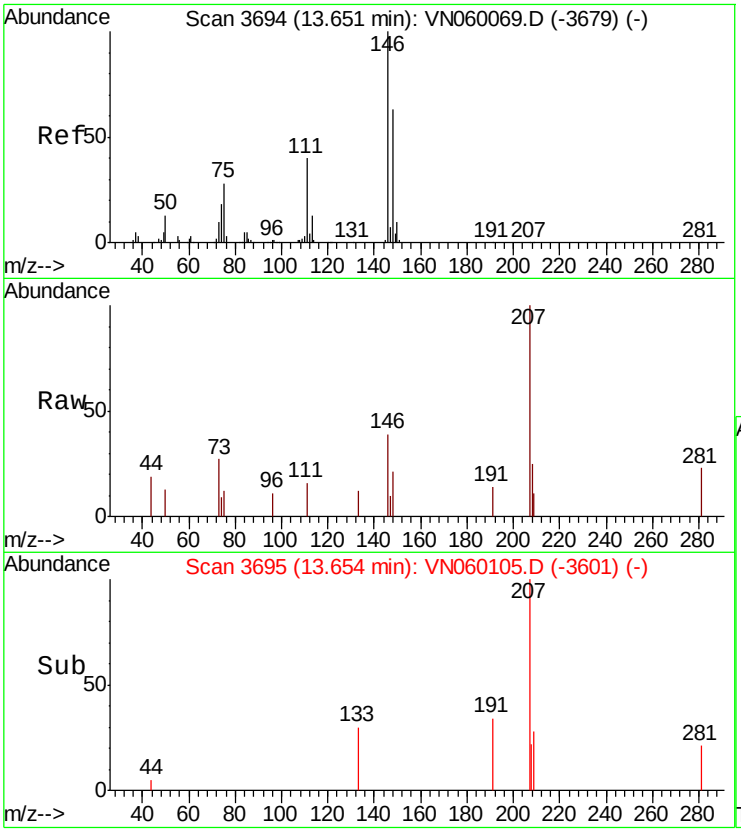


#89
n-Butylbenzene
Concen: 0.353 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion: 91 Resp: 2146

Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.1	78.2
134	27.7	13.1	39.3



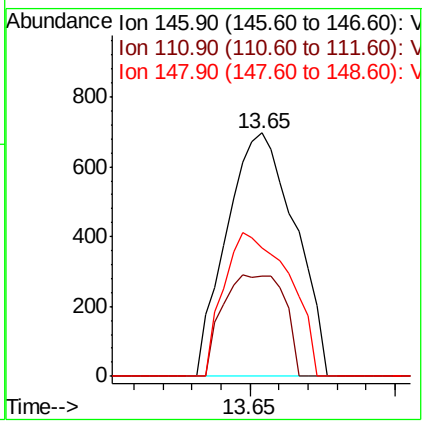


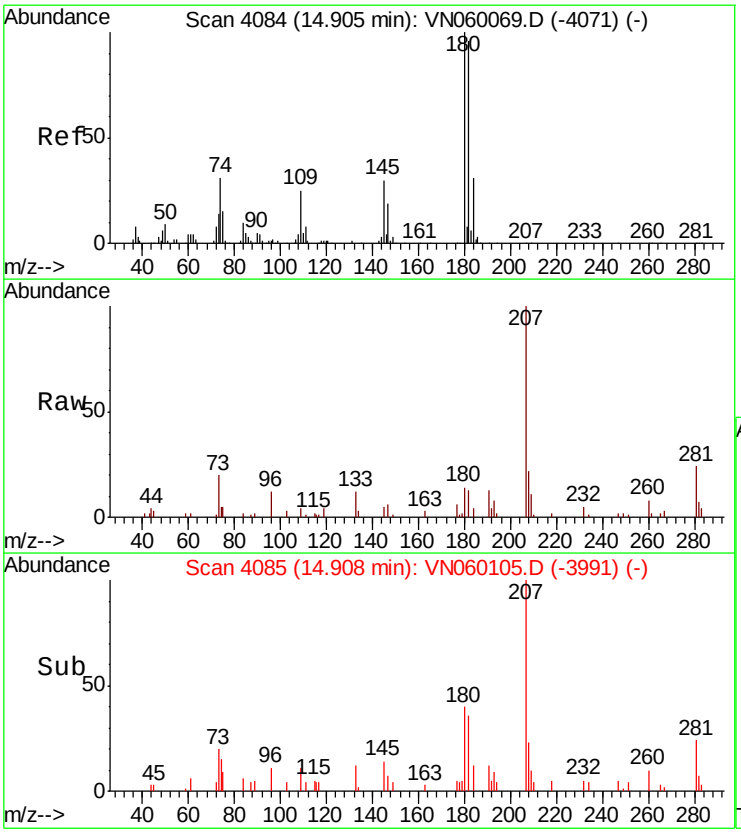
#91
1,2-Dichlorobenzene
Concen: 0.338 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1138

Ion	Ratio	Lower	Upper
146	100		
111	37.6	20.1	60.2
148	56.8	31.9	95.5

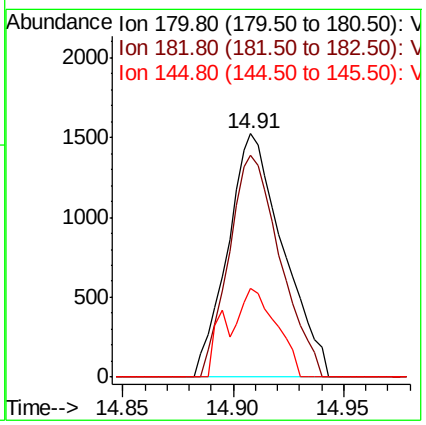


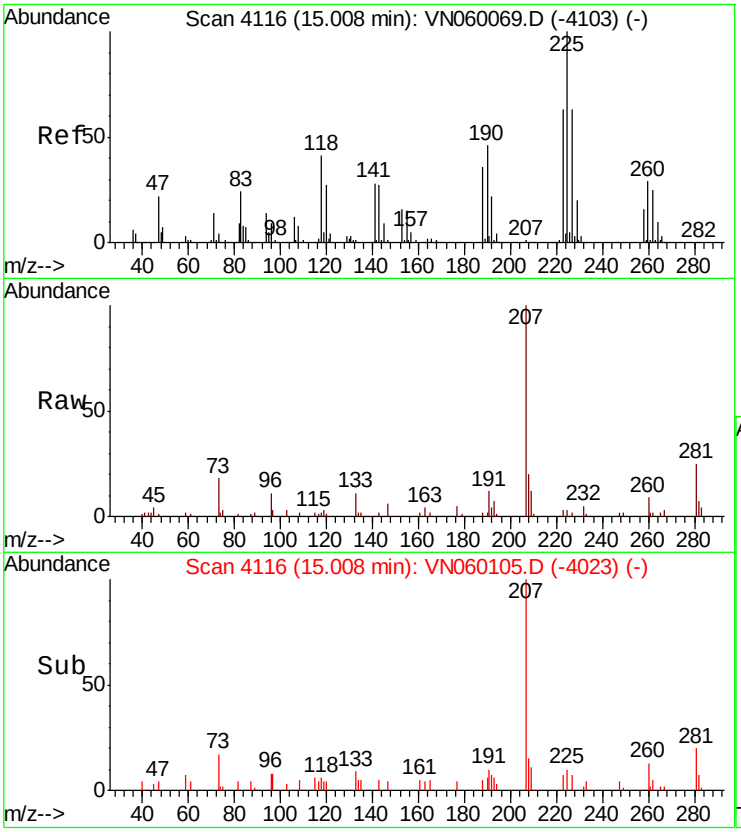


#93
1,2,4-Trichlorobenzene
Concen: 1.343 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:180 Resp: 2654

Ion	Ratio	Lower	Upper
180	100		
182	84.5	47.9	143.8
145	24.8	15.2	45.5



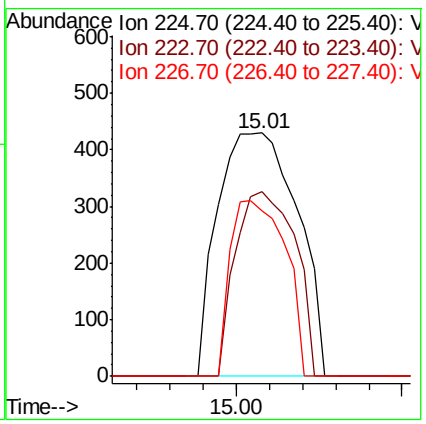


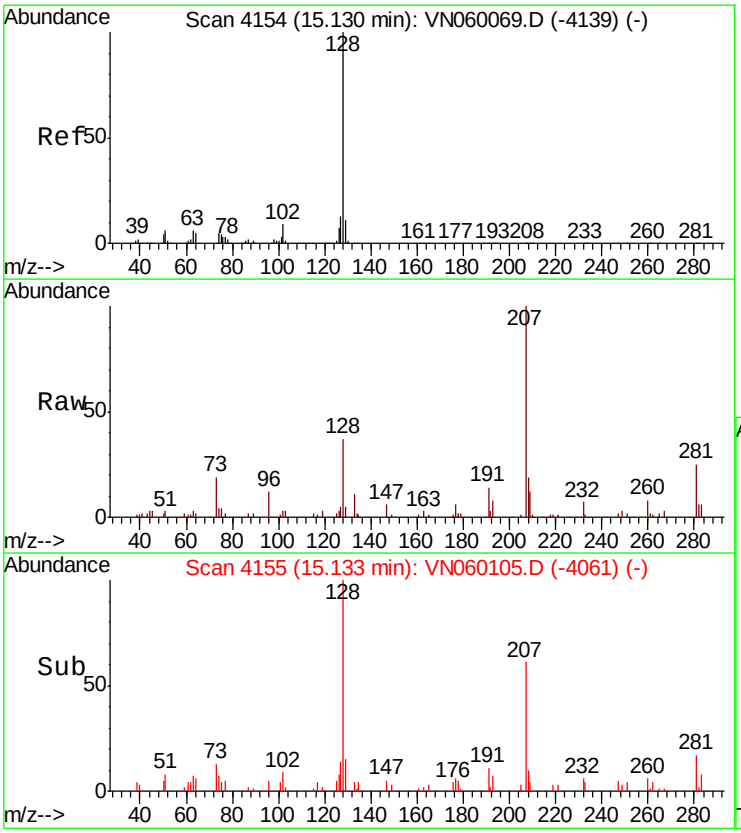
#94
Hexachlorobutadiene
Concen: 0.621 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 719

Ion	Ratio	Lower	Upper
225	100		
223	56.6	31.5	94.5
227	49.5	31.8	95.4

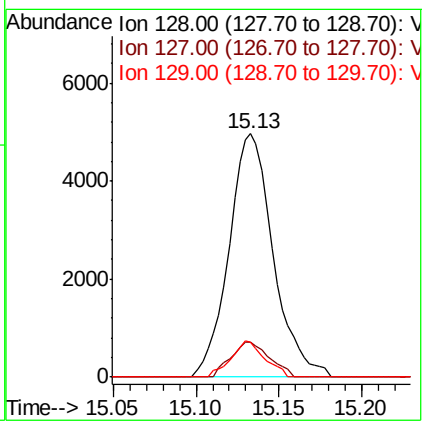


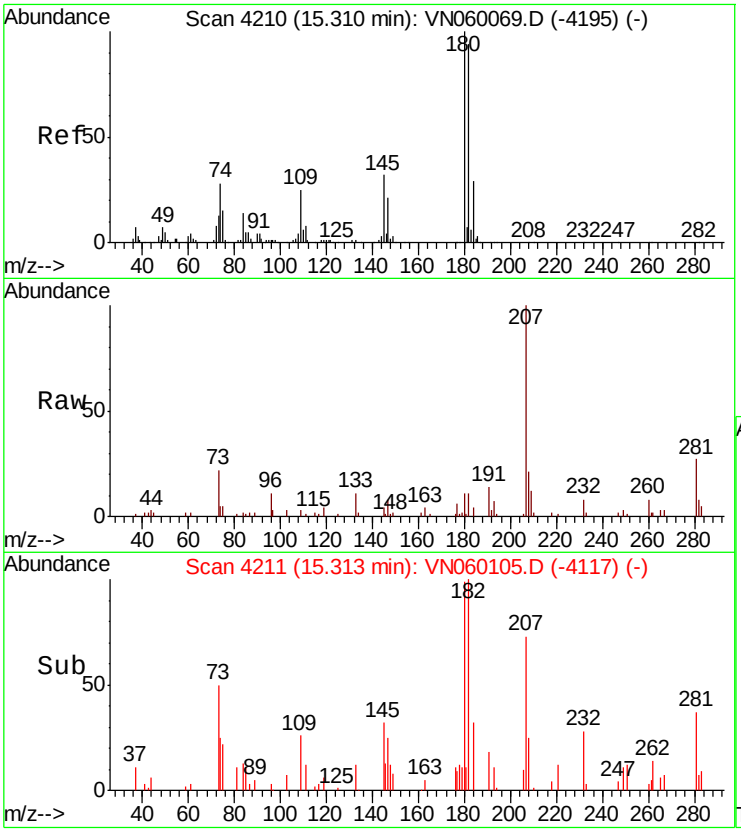


#95
Naphthalene
Concen: 1.723 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Tgt Ion:128 Resp: 9197

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	11.3	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 1.492 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060105.D
Acq: 14 Feb 2020 13:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2936

Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.5	142.5
145	25.4	16.1	48.3