Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052404.D
Acq On : 20 Nov 2018 13:45
Operator : MD\SY
Sample : J6003-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Quant Time: Nov 20 14:32:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	293763	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	481731	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	397736	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134215	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	207126	49.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.84%				
35) Dibromofluoromethane	7.59	113	157055	50.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.10%				
50) Toluene-d8	10.09	98	598897	49.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.00%				
62) 4-Bromofluorobenzene	12.40	95	169590	42.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.36%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	29	21.85	ug/l	#	14
16) Acetone	3.82	43	7805	6.83	ug/l		96
18) Methyl Acetate	4.32	43	236	0.50	ug/l	#	57
20) Methylene Chloride	4.55	84	13671	3.28	ug/l		97
25) 2-Butanone	6.84	43	5055	3.14	ug/l	#	85
29) Tetrahydrofuran	7.21	42	392	0.37	ug/l	#	40
31) Cyclohexane	7.67	56	12550	0.95	ug/l	#	56
36) 1,1-Dichloropropene	7.67	75	27800	5.76	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	31737	7.15	ug/l	#	16
41) Methacrylonitrile	7.17	41	29	3.71	ug/l	#	100
48) Methyl methacrylate	9.21	41	1245	0.36	ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	859	0.25	ug/l	#	41
52) Toluene	10.16	92	4072	0.49	ug/l		96
55) 1,1,2-Trichloroethane	10.53	97	805	0.27	ug/l	#	13
67) Ethyl Benzene	11.51	91	7287	0.50	ug/l		92
68) m/p-Xylenes	11.62	106	3968	0.74	ug/l		91
69) o-Xylene	11.95	106	1259	0.25	ug/l		85
73) Isopropylbenzene	12.25	105	2866	0.27	ug/l		94
76) 1,2,3-Trichloropropane	12.40	75	101444	44.54	ug/l	#	100
78) n-propylbenzene	12.59	91	6745	0.53	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	4289	0.50	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	101444	144.47	ug/l	#	5
84) 1,2,4-Trimethylbenzene	13.04	105	4382	0.51	ug/l		91
85) sec-Butylbenzene	13.17	105	2925	0.28	ug/l	#	76
89) n-Butylbenzene	13.62	91	1717	0.23	ug/l	#	68
90) Hexachloroethane	13.89	117	1805	1.17	ug/l	#	14
95) Naphthalene	15.13	128	716	2.75	ug/l	#	69

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

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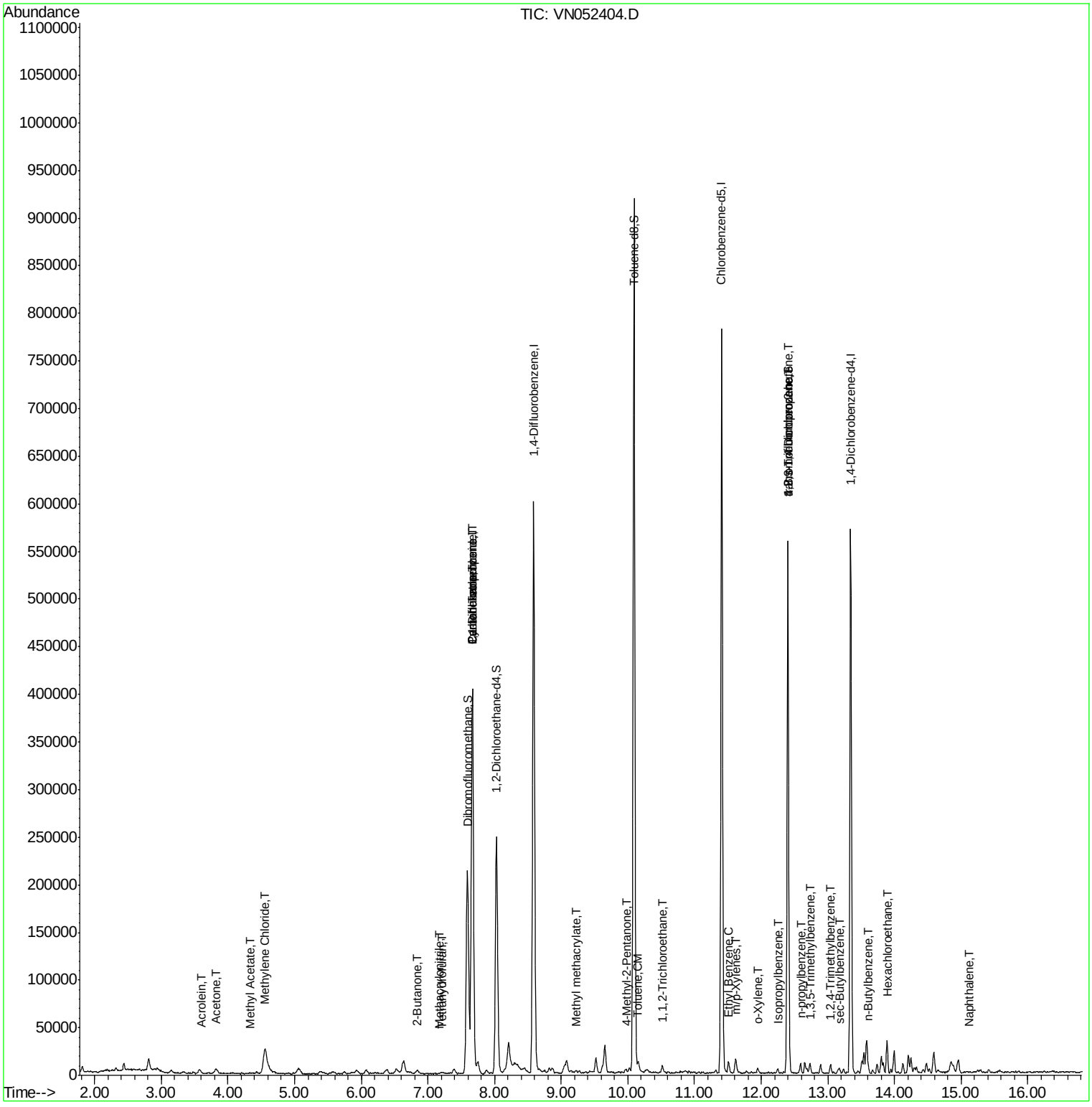
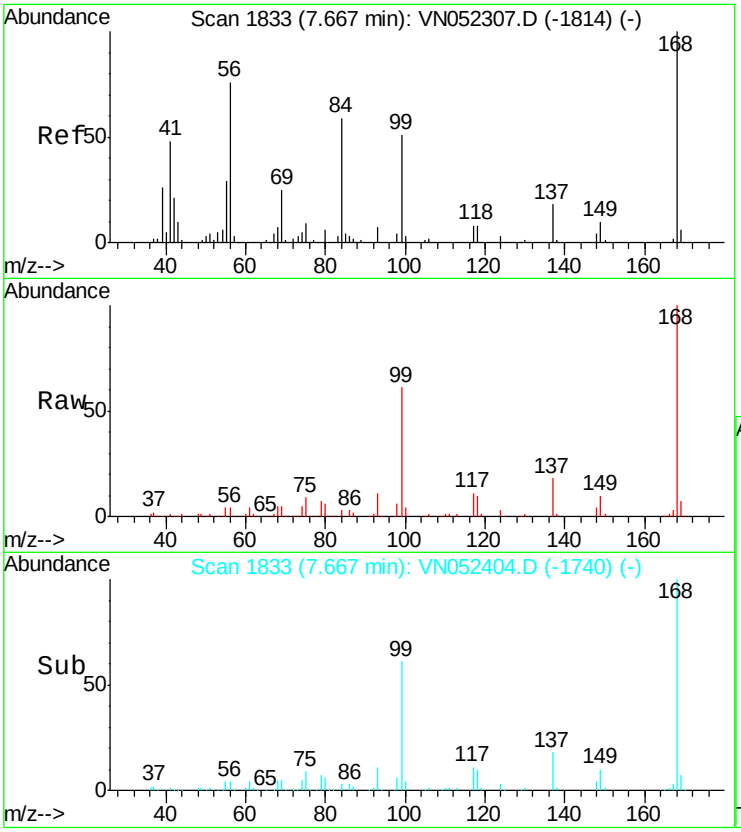
Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Quant Time: Nov 20 14:32:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration



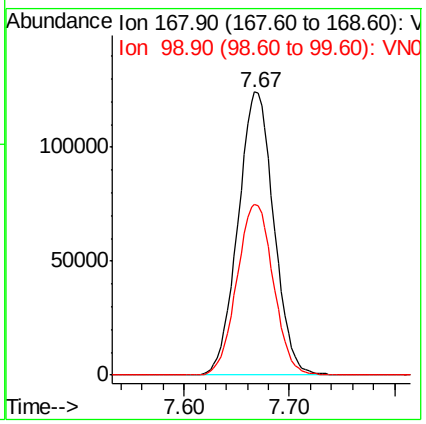


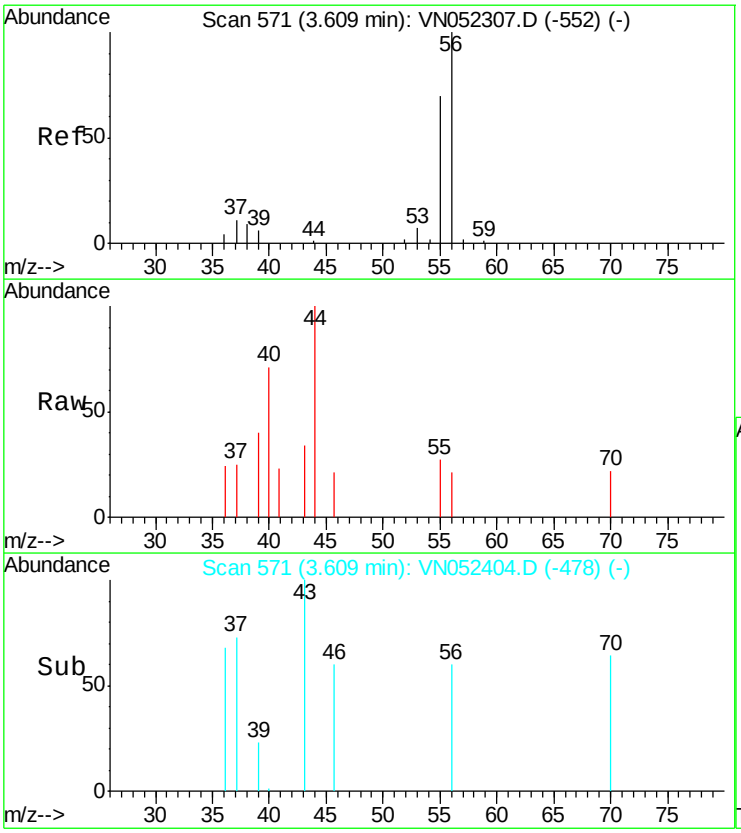
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:168 Resp: 293763

Ion	Ratio	Lower	Upper
168	100		
99	60.5	47.9	71.9

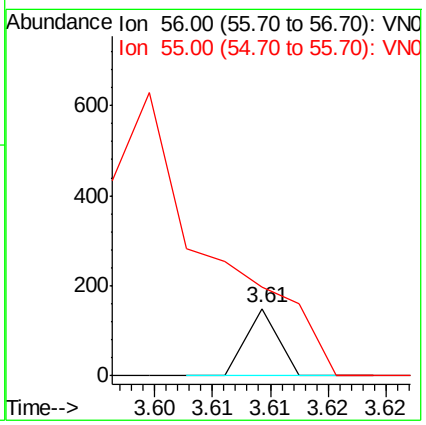


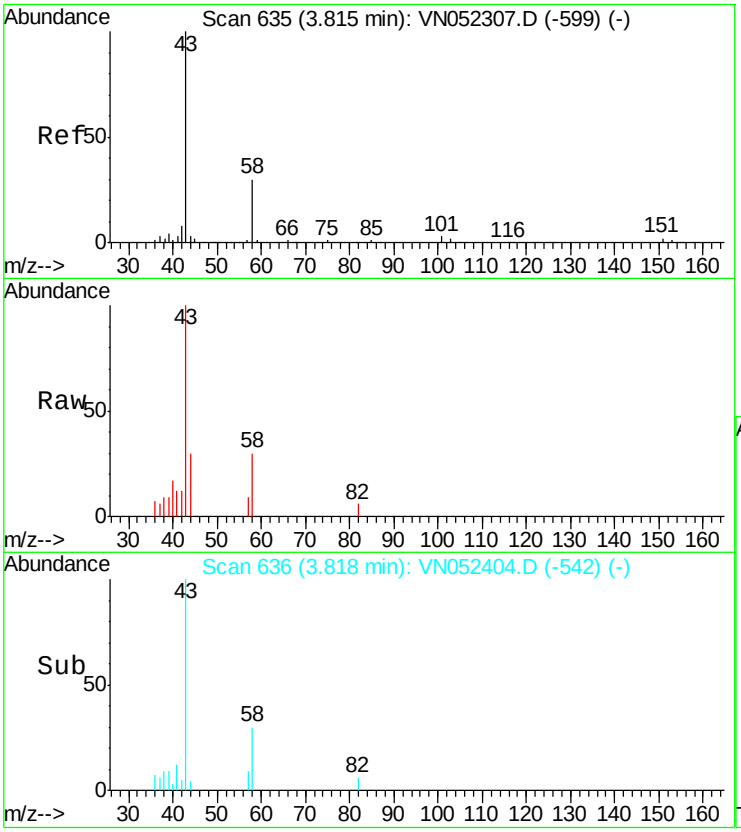


#13
Acrolein
Concen: 21.85 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



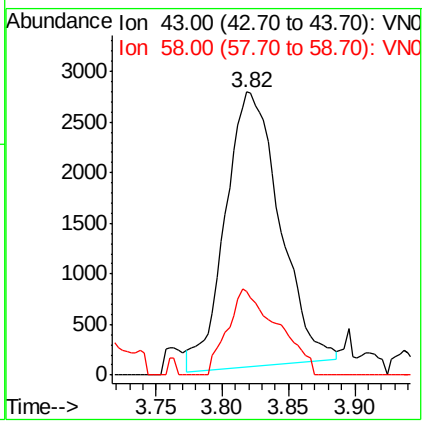


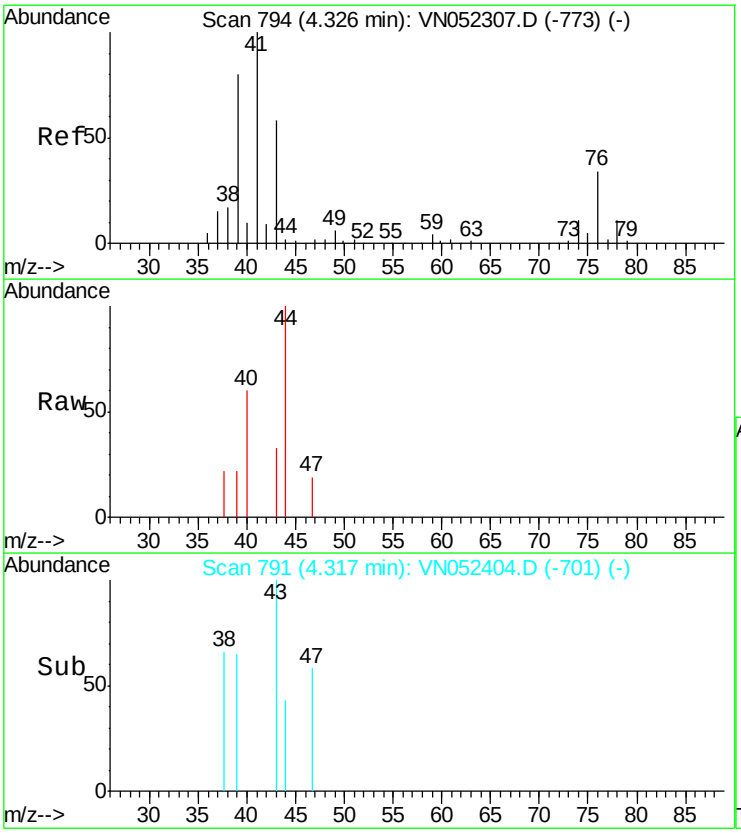
#16
Acetone
Concen: 6.83 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion: 43 Resp: 7805

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.2	36.4

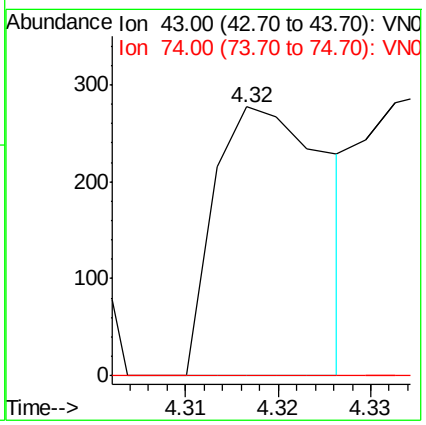


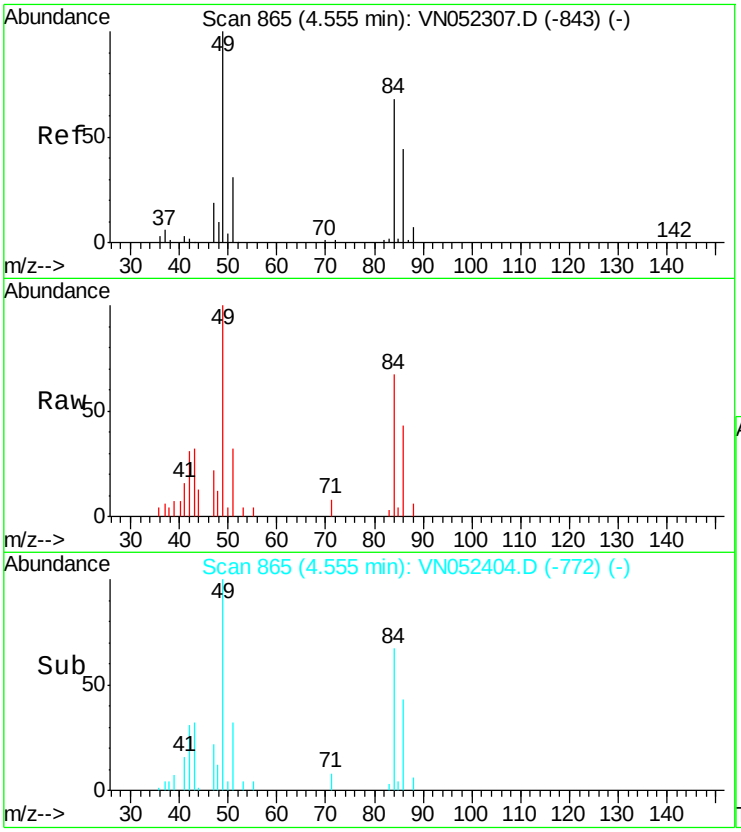


#18
Methyl Acetate
Concen: 0.50 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.01 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.9	23.9#



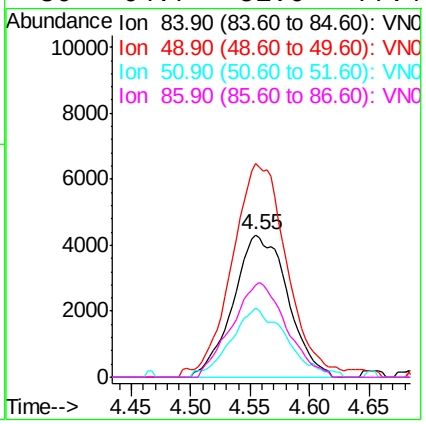


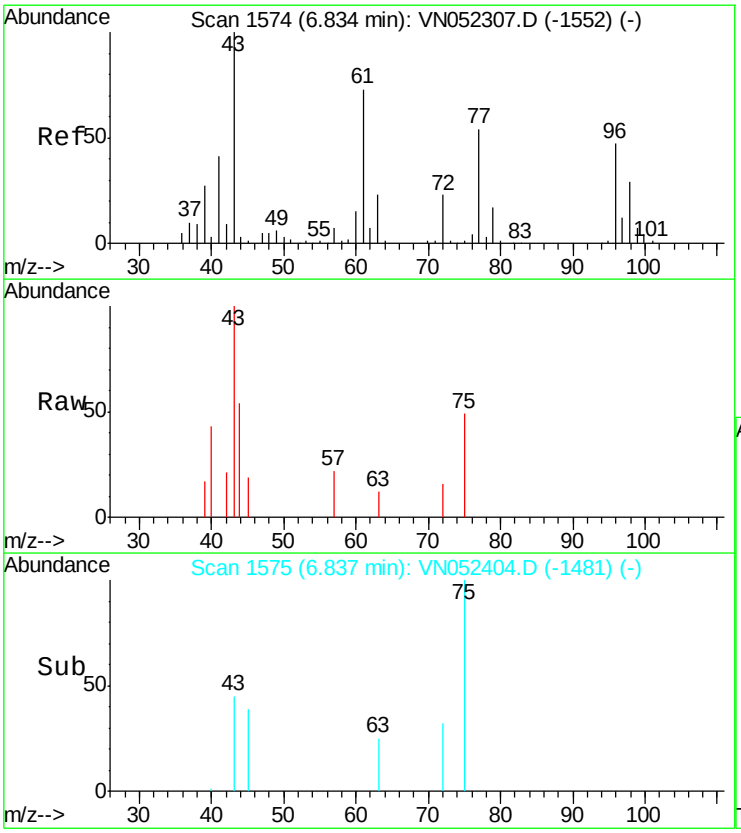
#20
Methylene Chloride
Concen: 3.28 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion: 84 Resp: 13671

Ion	Ratio	Lower	Upper
84	100		
49	143.7	118.2	177.2
51	48.3	36.1	54.1
86	64.7	51.6	77.4

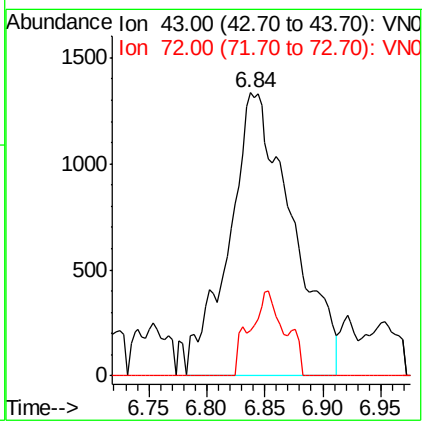


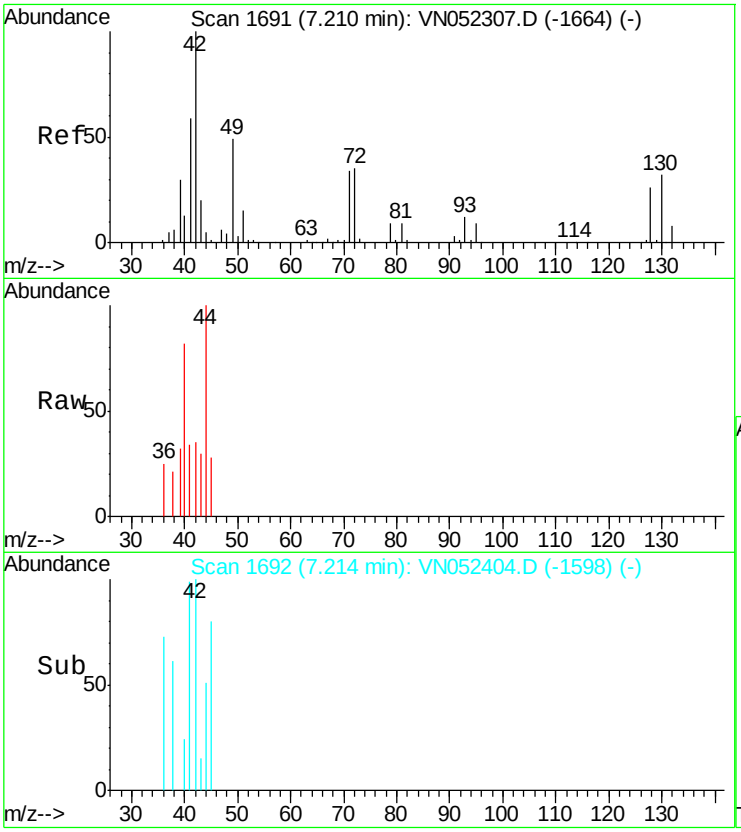


#25
2-Butanone
Concen: 3.14 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 43 Resp: 5055

Ion	Ratio	Lower	Upper
43	100		
72	16.0	18.6	27.8#



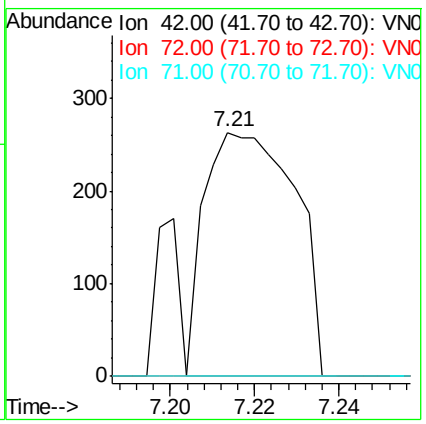


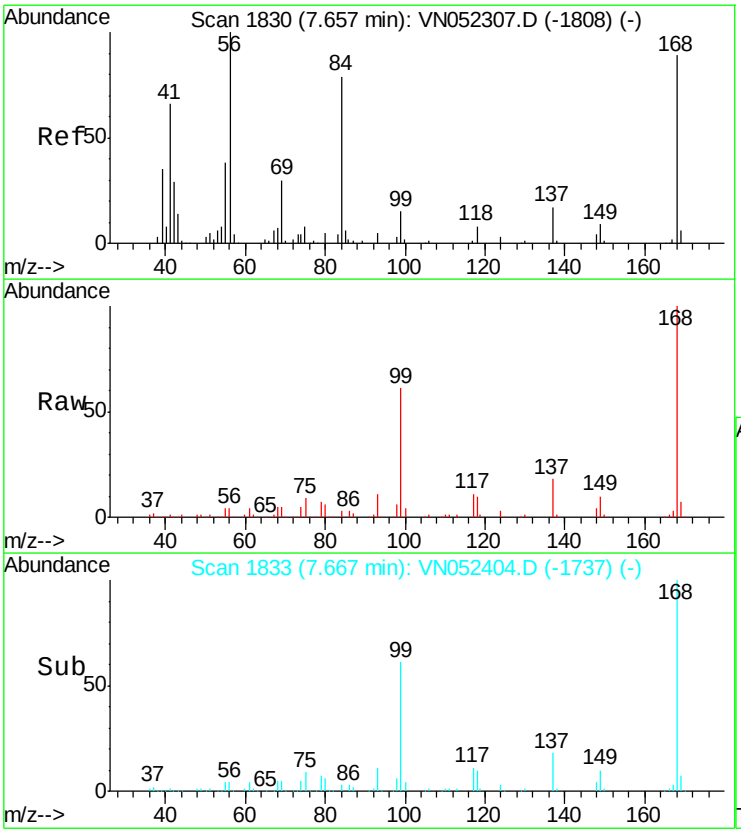
#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.6	42.8#
71	0.0	26.7	40.1#

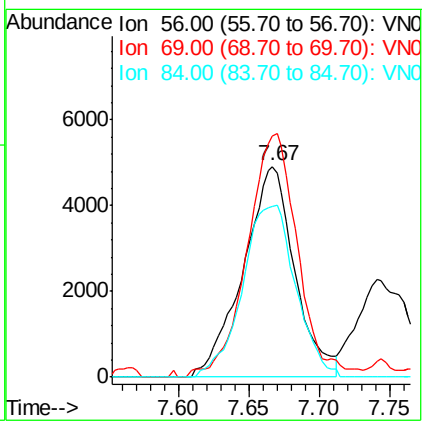


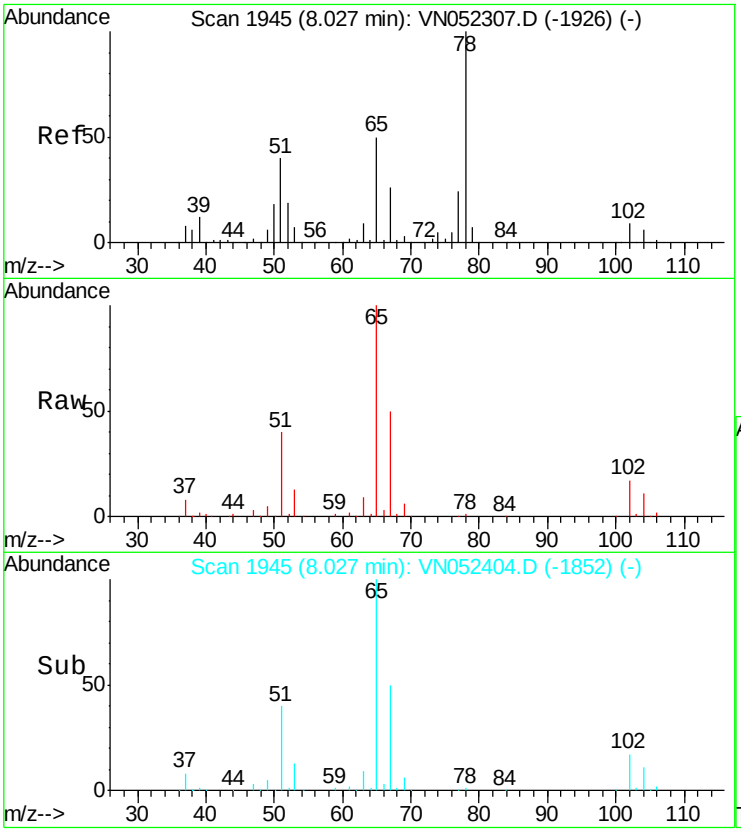


#31
Cyclohexane
Concen: 0.95 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 56 Resp: 12550

Ion	Ratio	Lower	Upper
56	100		
69	114.0	23.8	35.8#
84	80.7	63.0	94.6



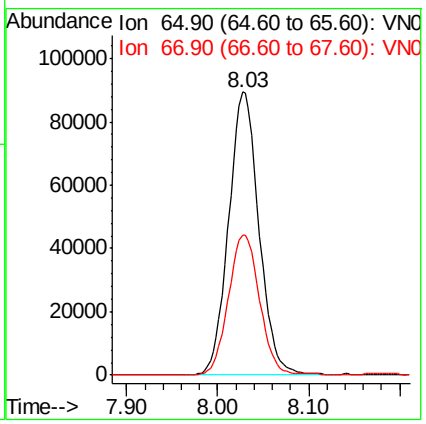


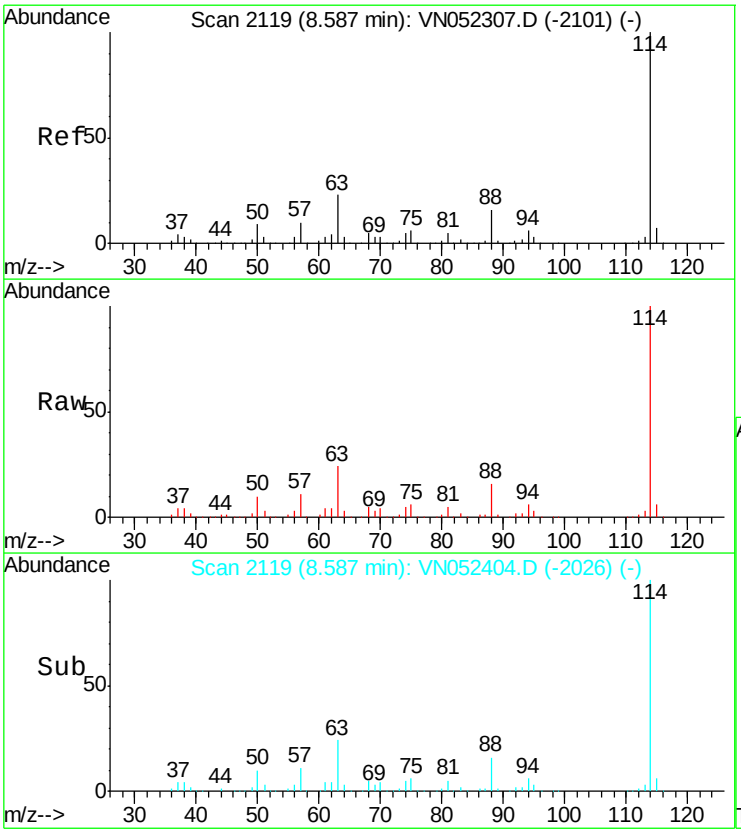
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion: 65 Resp: 207126

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.2

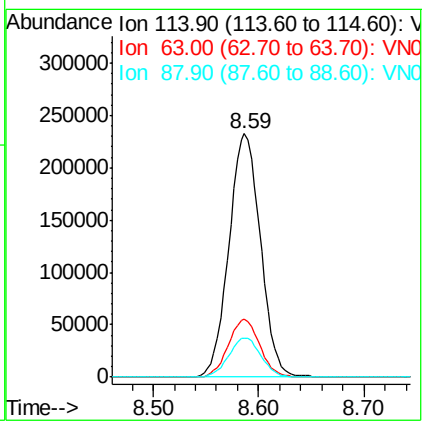


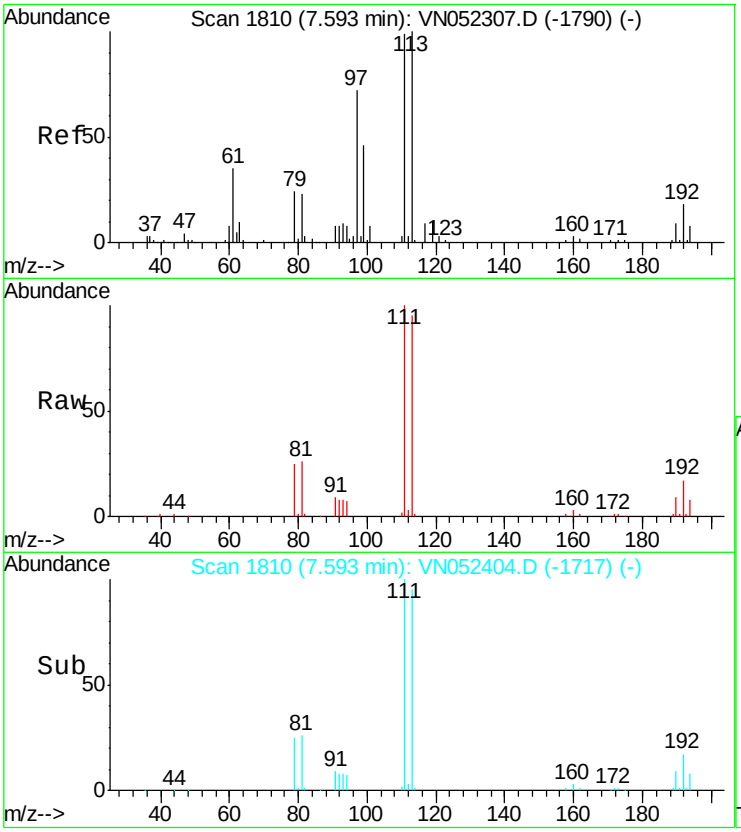


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion:114 Resp: 481731

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	45.4
88	16.1	0.0	31.2



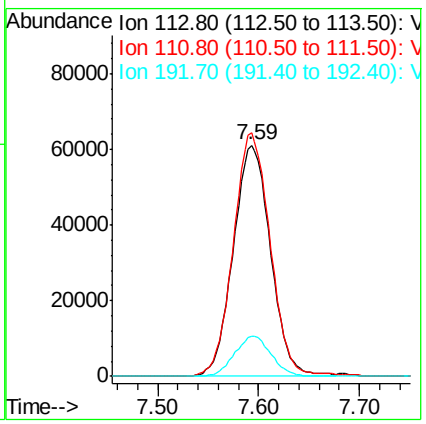


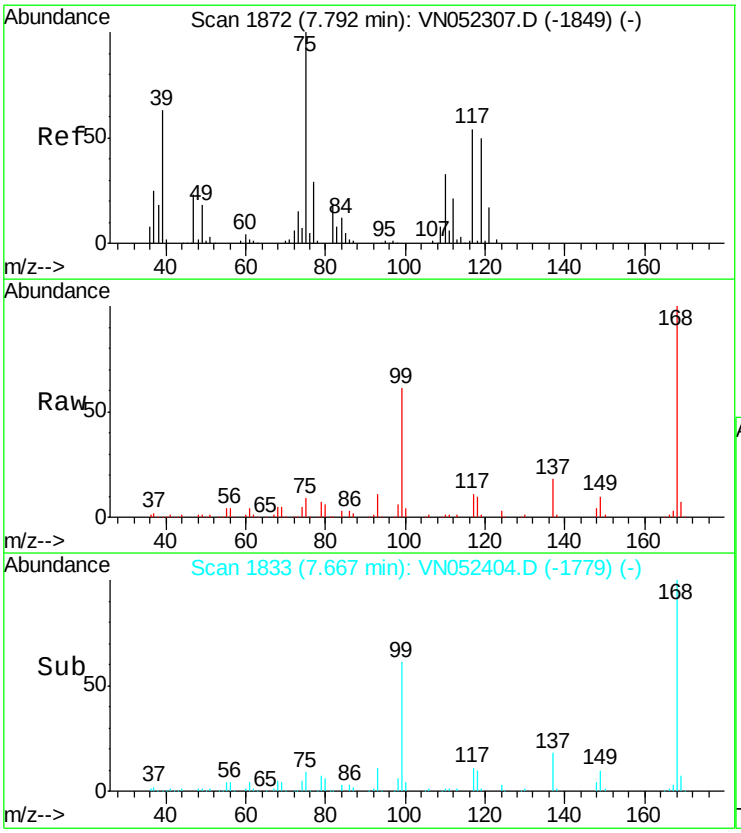
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:113 Resp: 157055

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.0	121.6
192	17.0	13.8	20.6

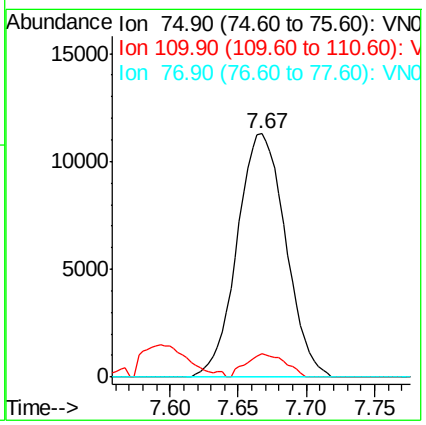


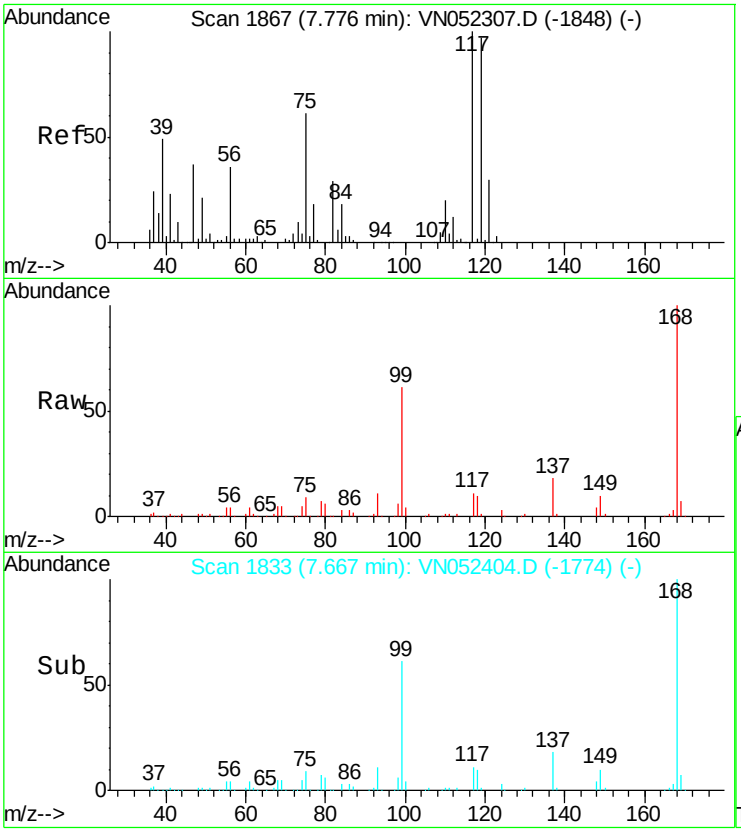


#36
1,1-Dichloropropene
Concen: 5.76 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 75 Resp: 27800

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.5	49.5#
77	0.0	24.2	36.2#



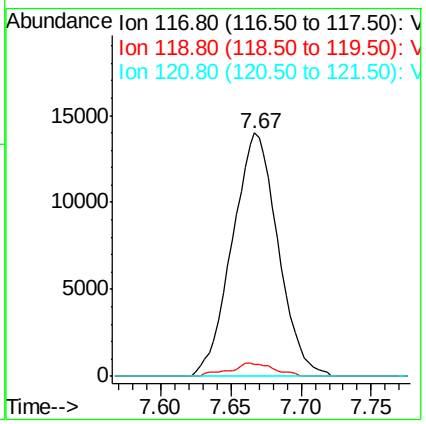


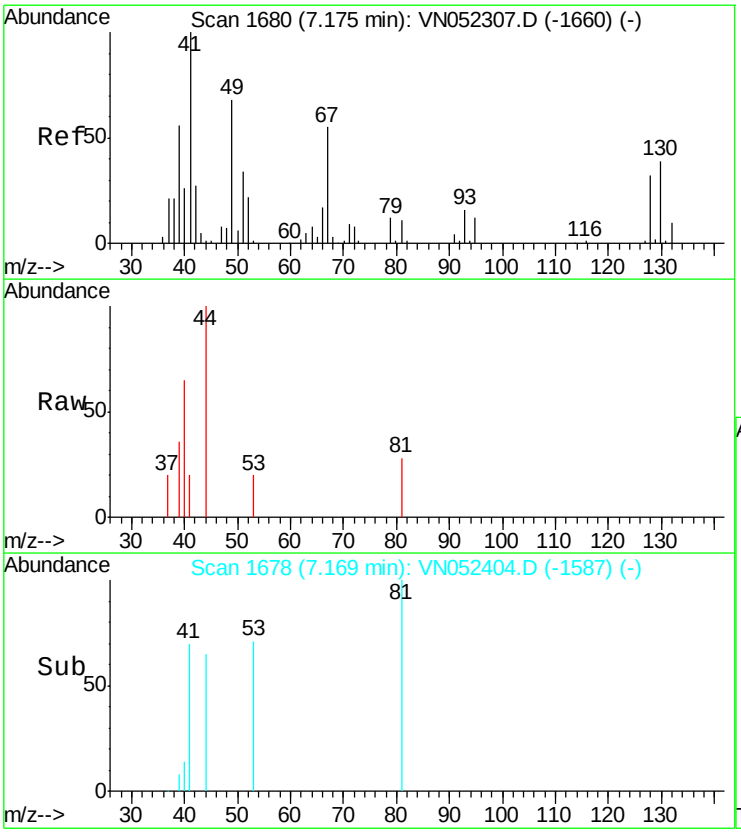
#38
Carbon Tetrachloride
Concen: 7.15 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion:117 Resp: 31737

Ion	Ratio	Lower	Upper
117	100		
119	5.1	77.4	116.0#
121	0.0	24.0	36.0#

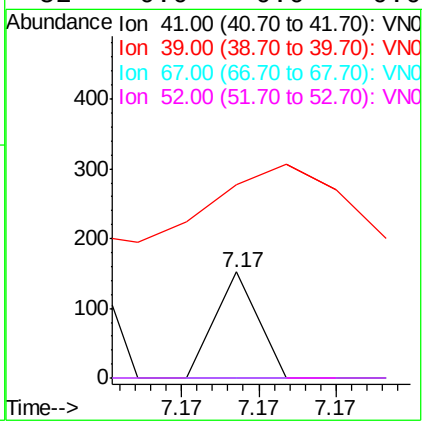


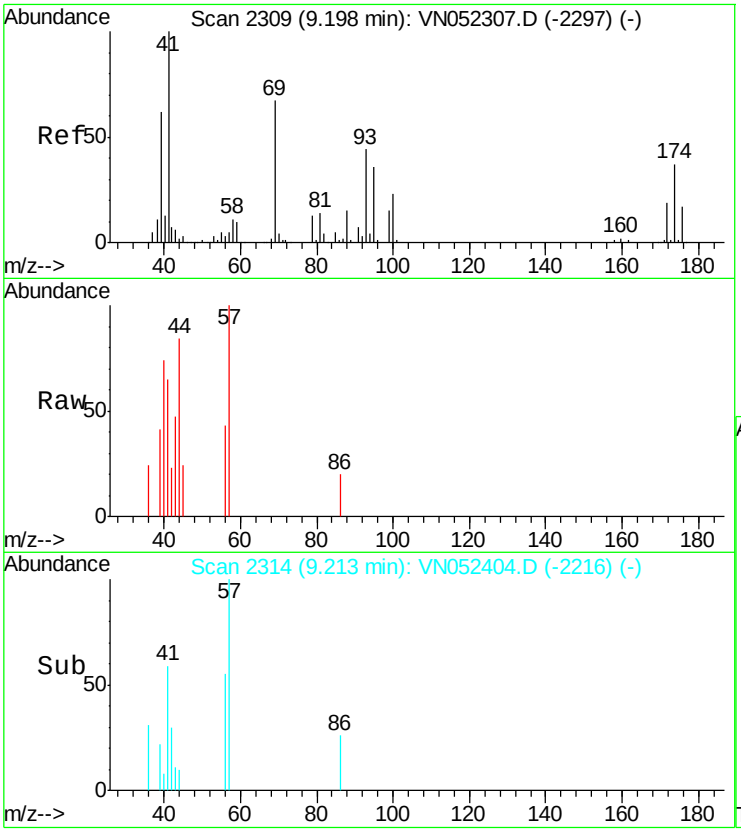


#41
Methacrylonitrile
Concen: 3.71 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 41 Resp: 29

Ion	Ratio	Lower	Upper
41	100		
39	286.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



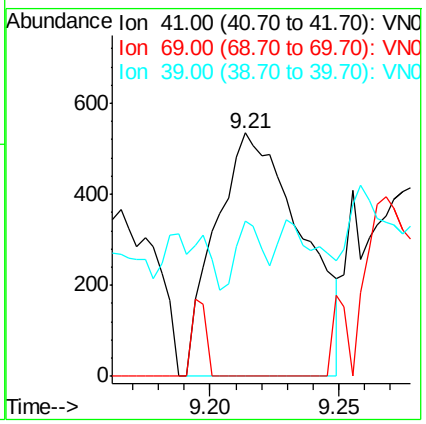


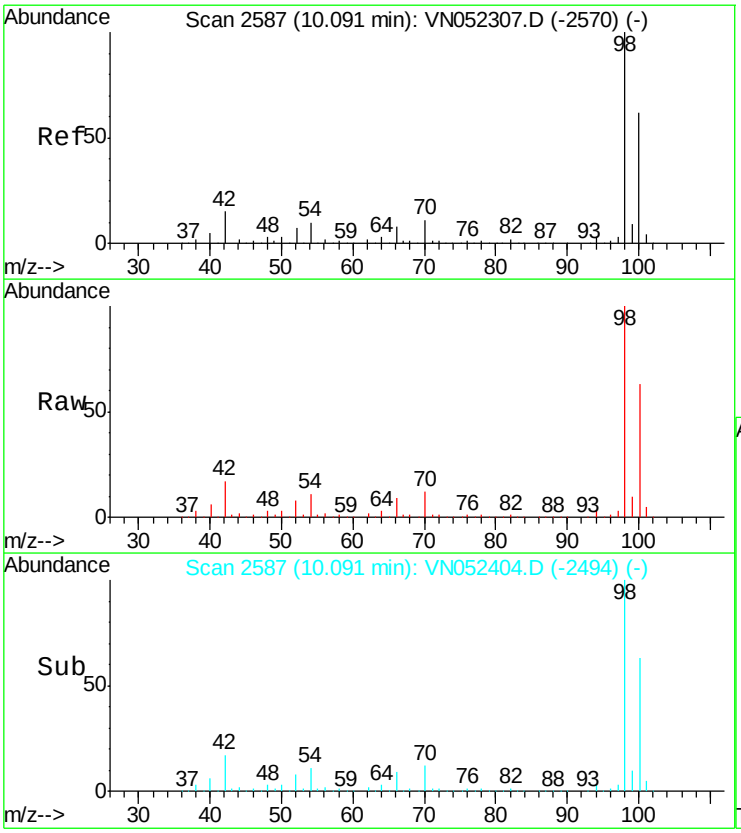
#48
Methyl methacrylate
Concen: 0.36 ug/l
RT: 9.21 min Scan# 2314
Delta R.T. 0.02 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion: 41 Resp: 1245

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.1	85.7#
39	8.4	52.5	78.7#

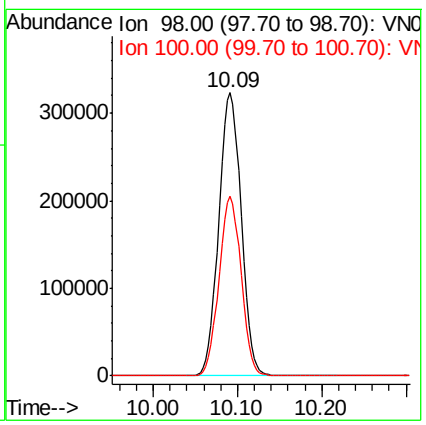


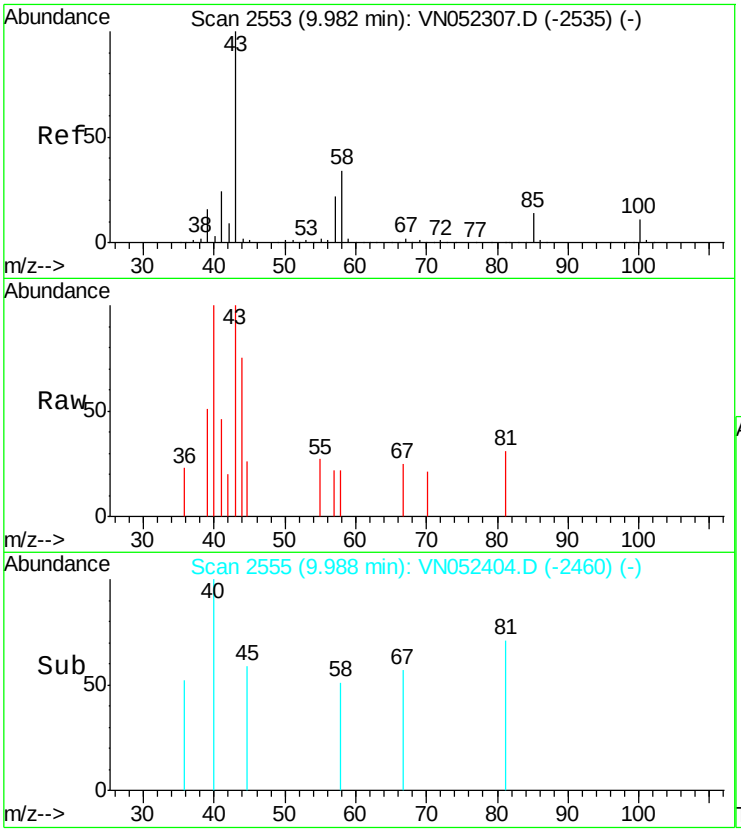


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 98 Resp: 598897

Ion	Ratio	Lower	Upper
98	100		
100	62.2	49.5	74.3



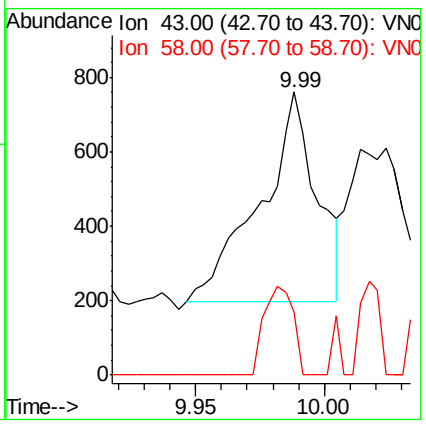


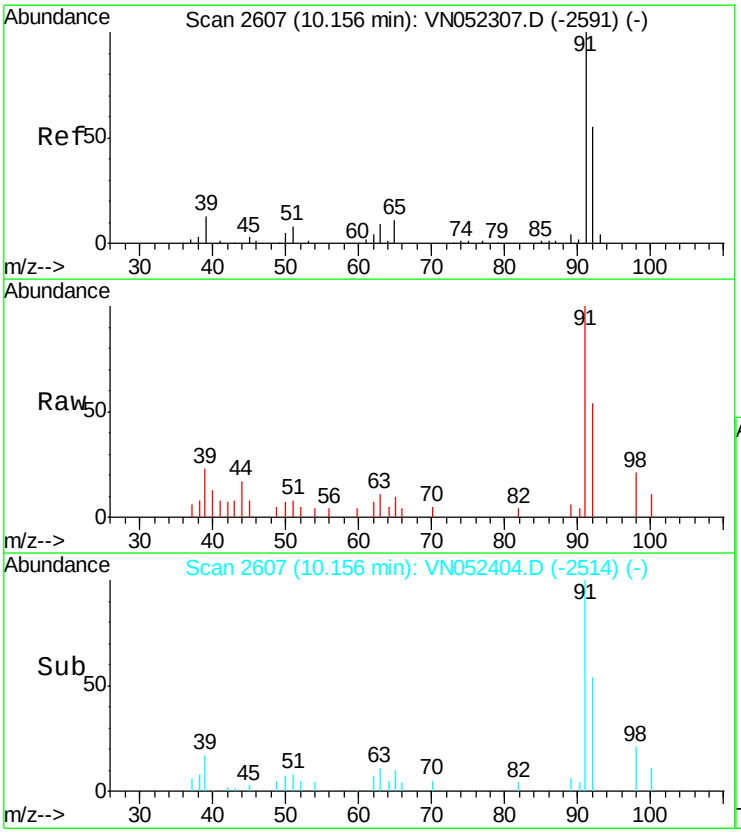
#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.01 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion: 43 Resp: 859

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	40.6#

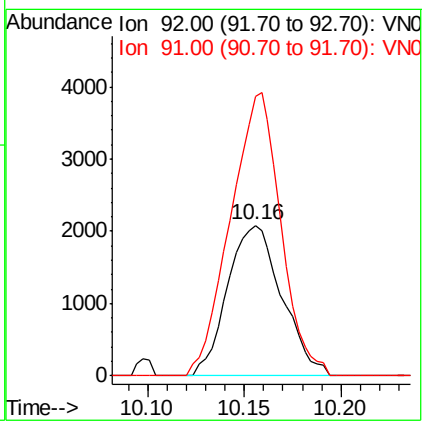


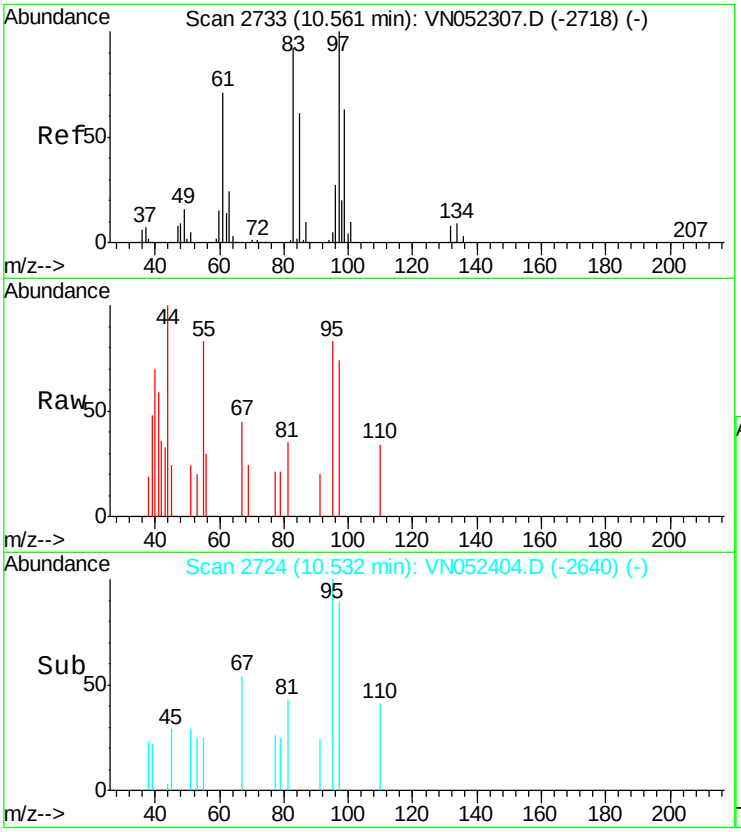


#52
Toluene
Concen: 0.49 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 92 Resp: 4072

Ion	Ratio	Lower	Upper
92	100		
91	174.4	143.6	215.4



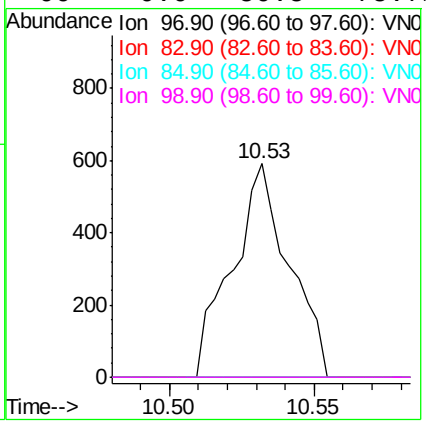


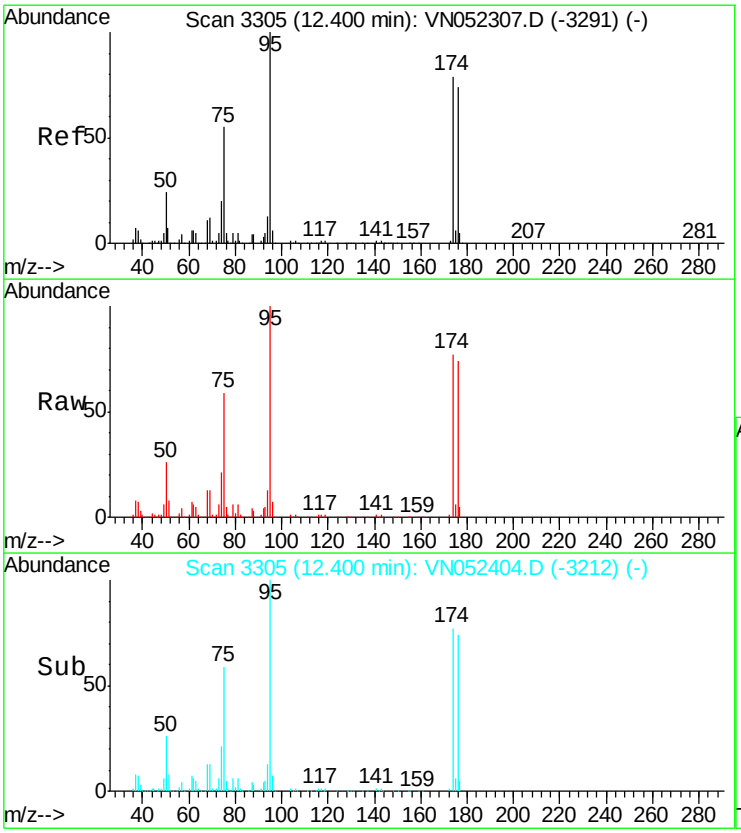
#55
1,1,2-Trichloroethane
Concen: 0.27 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion: 97 Resp: 805

Ion	Ratio	Lower	Upper
97	100		
83	0.0	73.8	110.6#
85	0.0	49.0	73.4#
99	0.0	50.5	75.7#

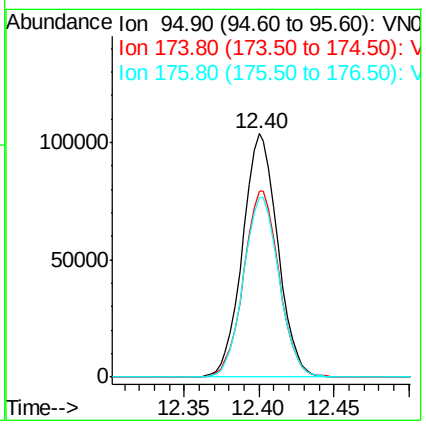


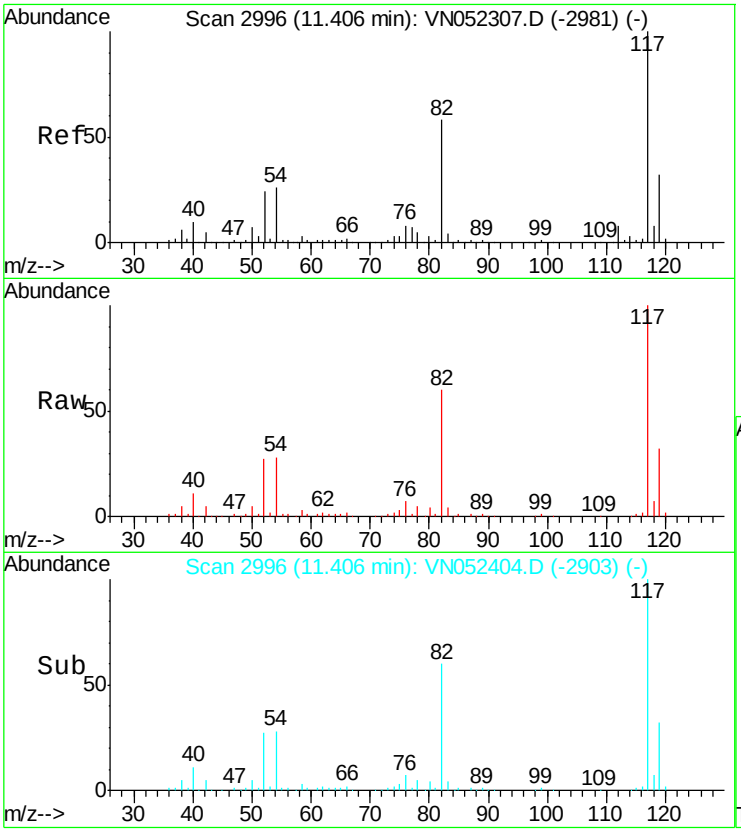


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 95 Resp: 169590

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	156.0
176	75.2	0.0	148.4



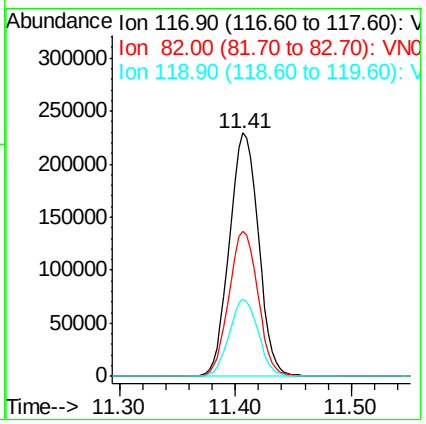


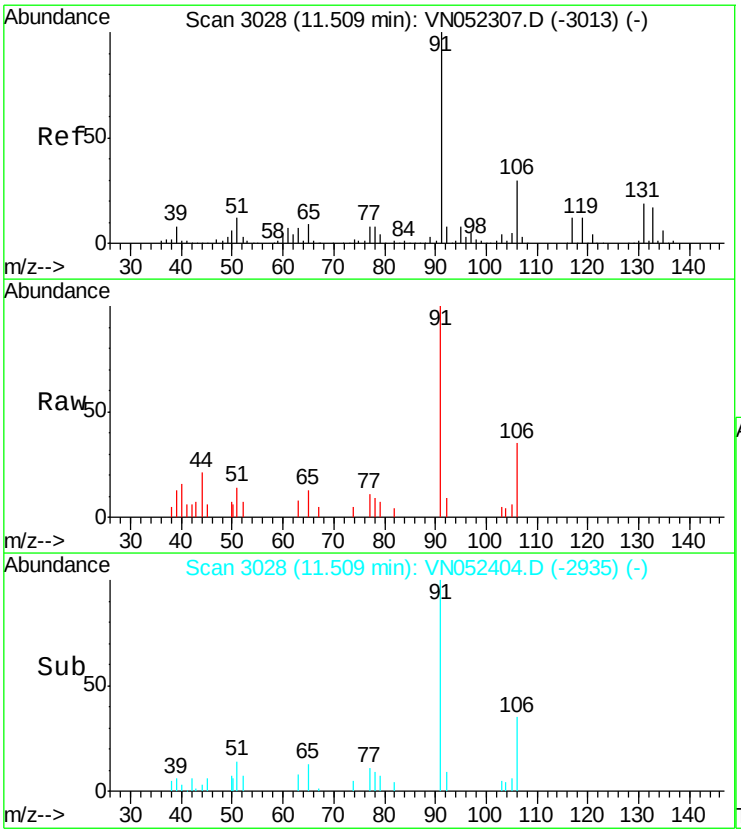
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:117 Resp: 397736

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.5	69.7
119	31.8	25.7	38.5

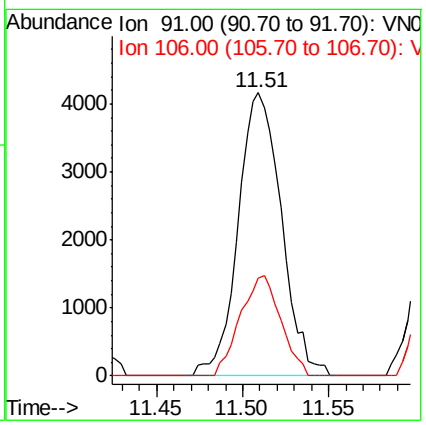


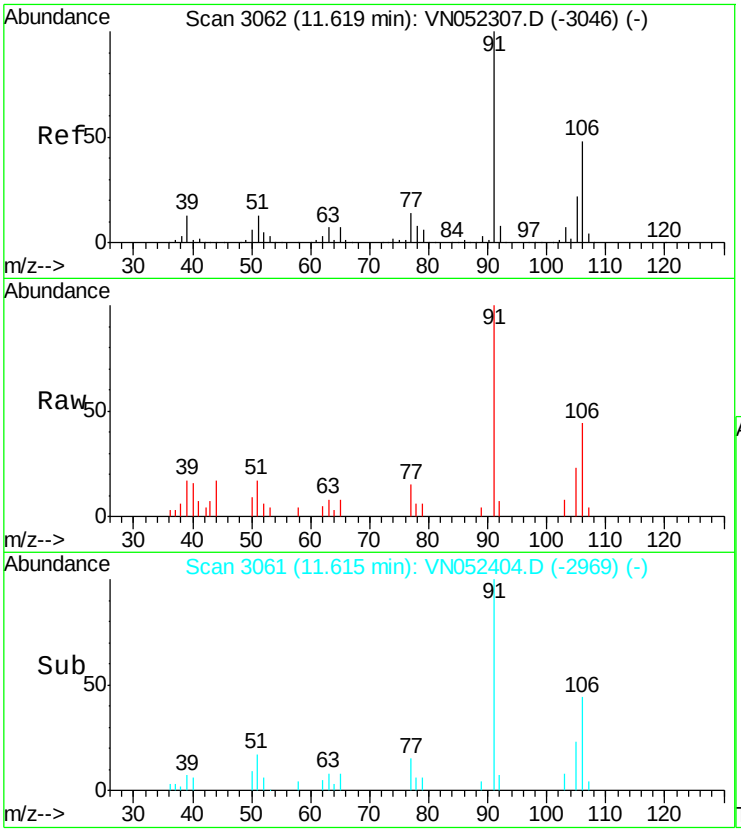


#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 91 Resp: 7287

Ion	Ratio	Lower	Upper
91	100		
106	34.6	24.2	36.2



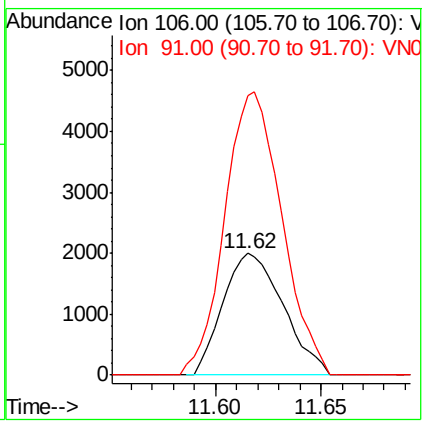


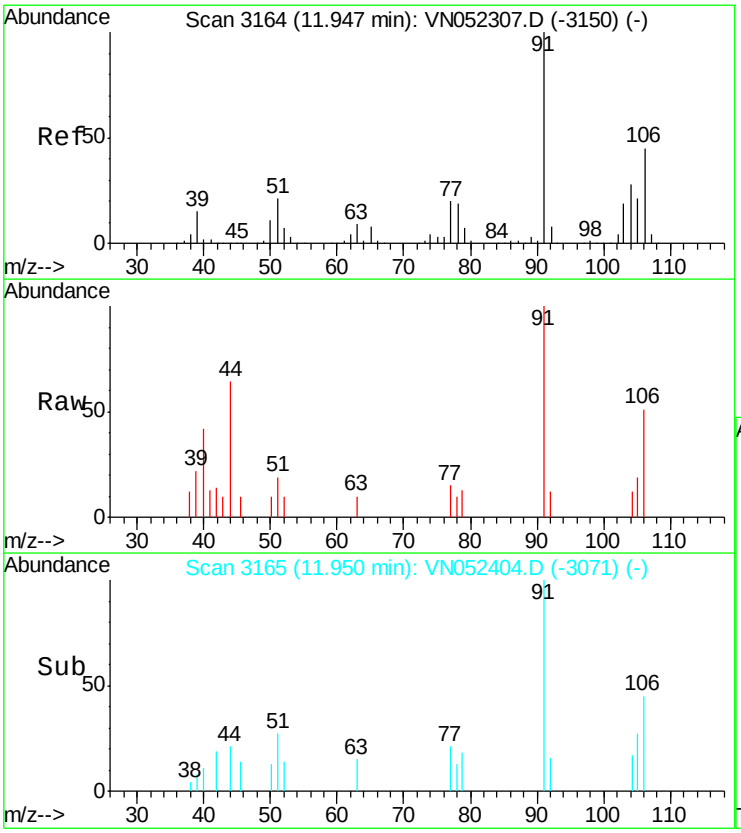
#68
m/p-Xylenes
Concen: 0.74 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:106 Resp: 3968

Ion	Ratio	Lower	Upper
106	100		
91	220.5	165.5	248.3

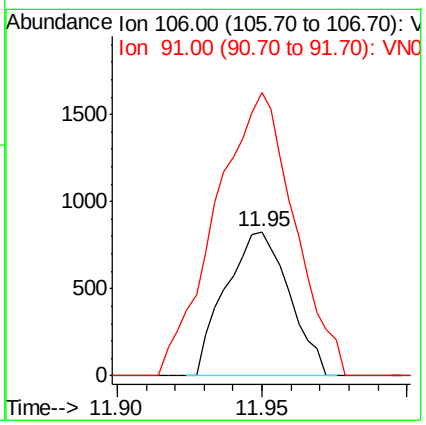


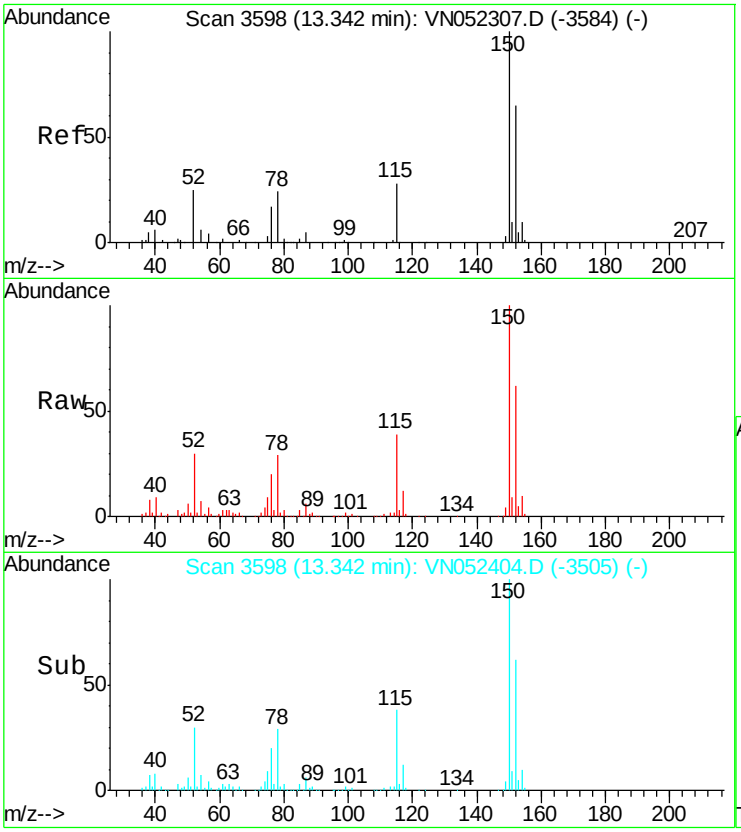


#69
o-Xylene
Concen: 0.25 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion:106 Resp: 1259

Ion	Ratio	Lower	Upper
106	100		
91	243.4	110.0	330.0



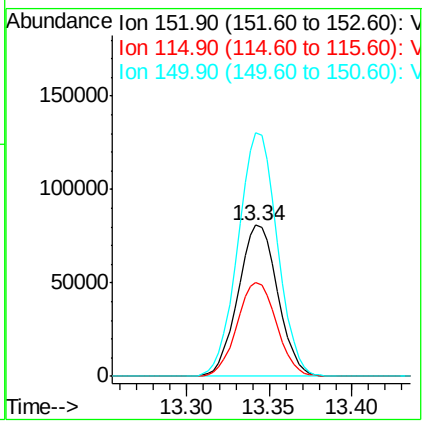


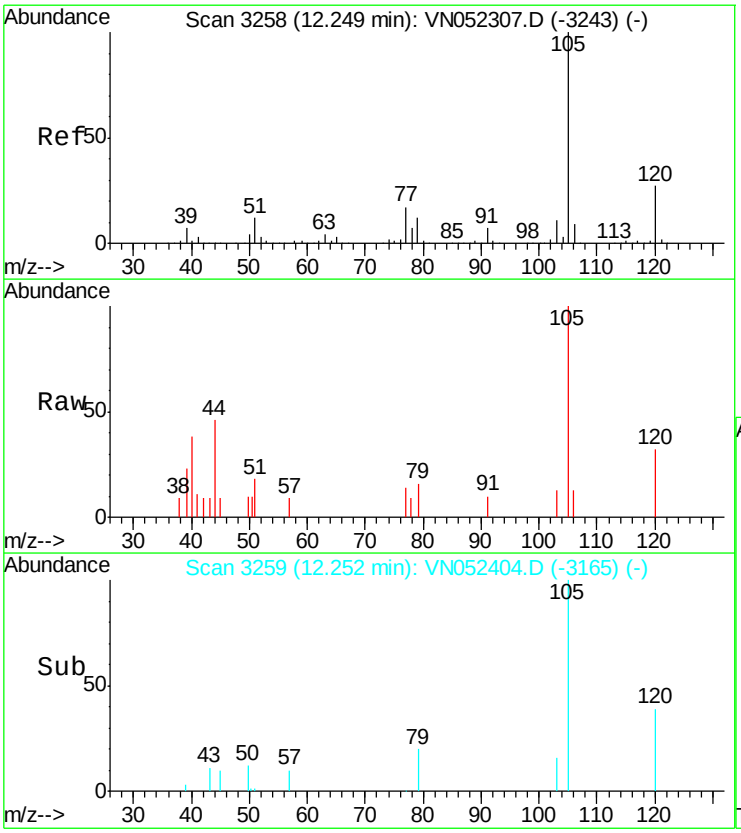
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion:152 Resp: 134215

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.3	91.0
150	160.2	0.0	348.2

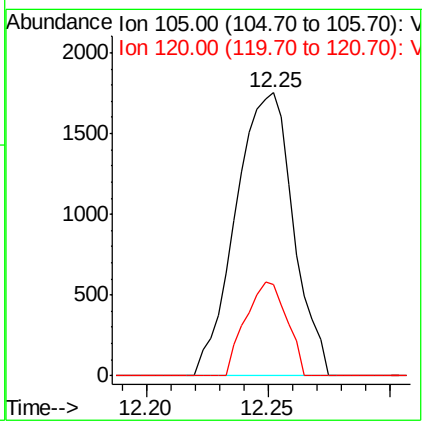


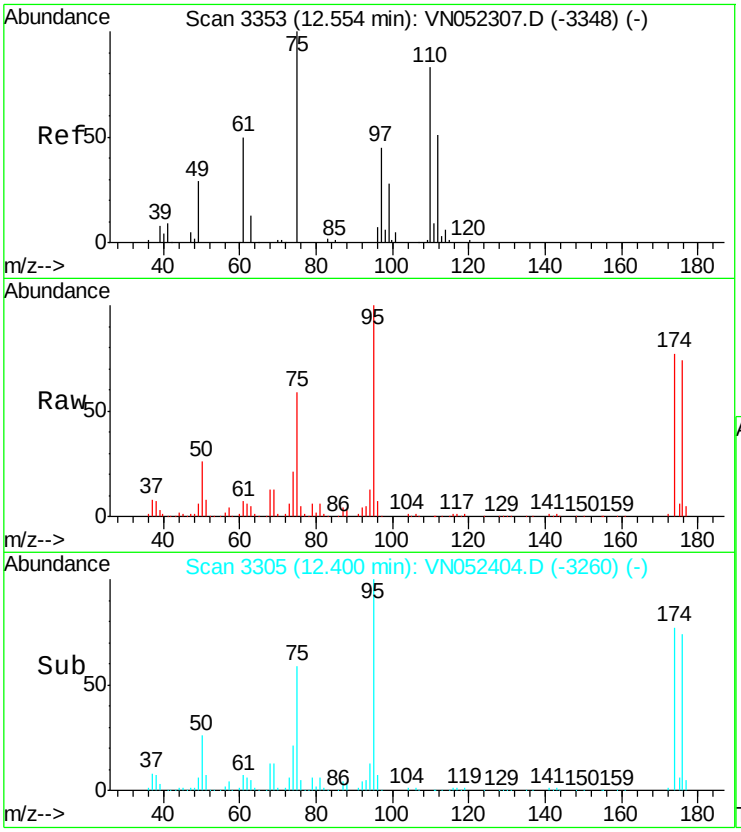


#73
Isopropylbenzene
Concen: 0.27 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion:105 Resp: 2866

Ion	Ratio	Lower	Upper
105	100		
120	23.7	13.4	40.1



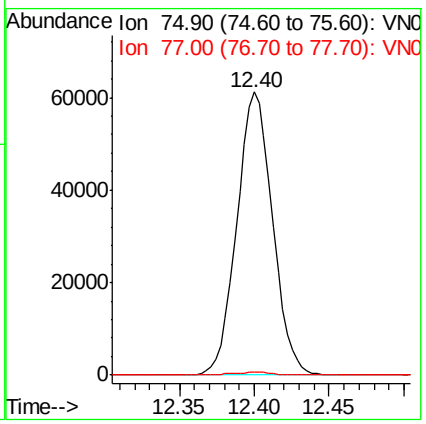


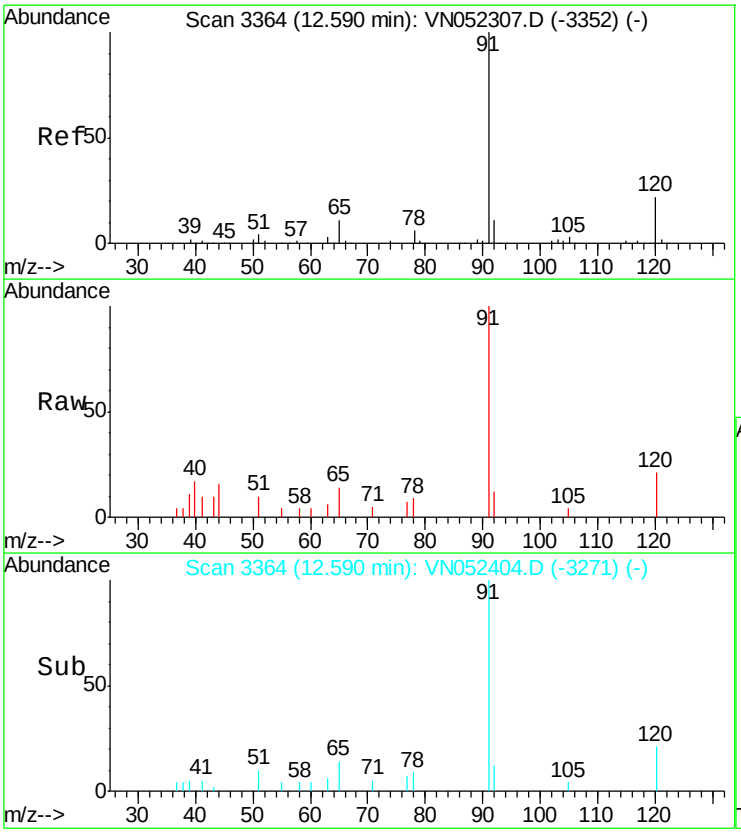
#76
1,2,3-Trichloropropane
Concen: 44.54 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion: 75 Resp: 101444

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

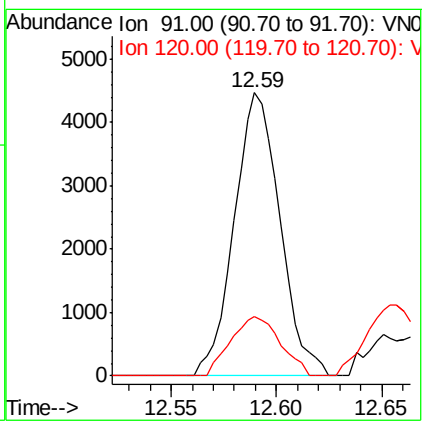


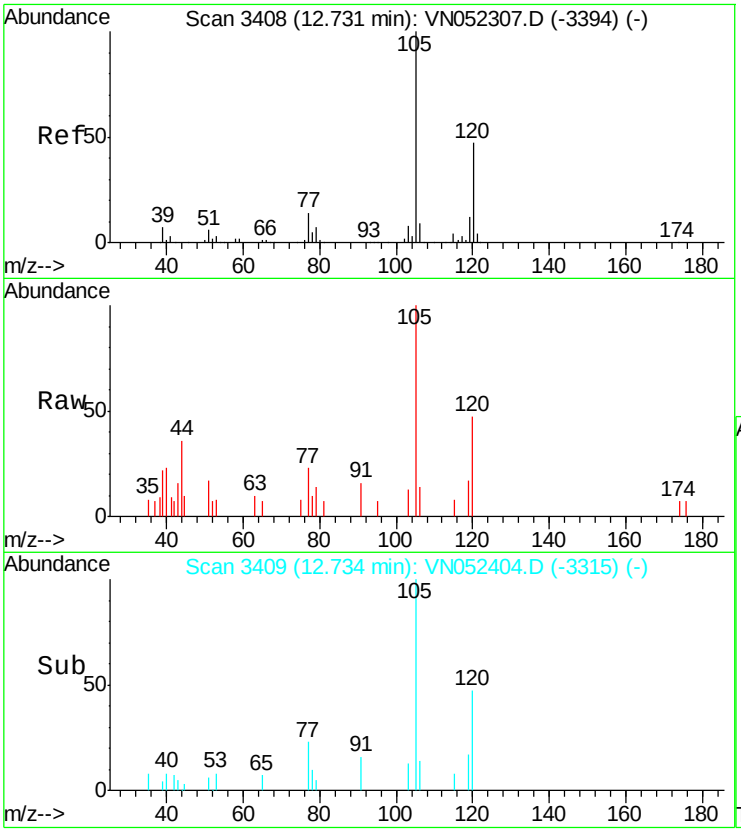


#78
n-propylbenzene
Concen: 0.53 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 91 Resp: 6745

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.1



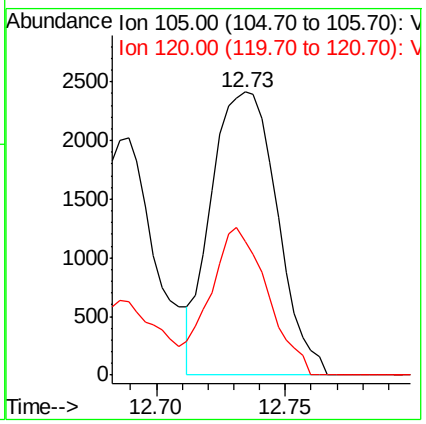


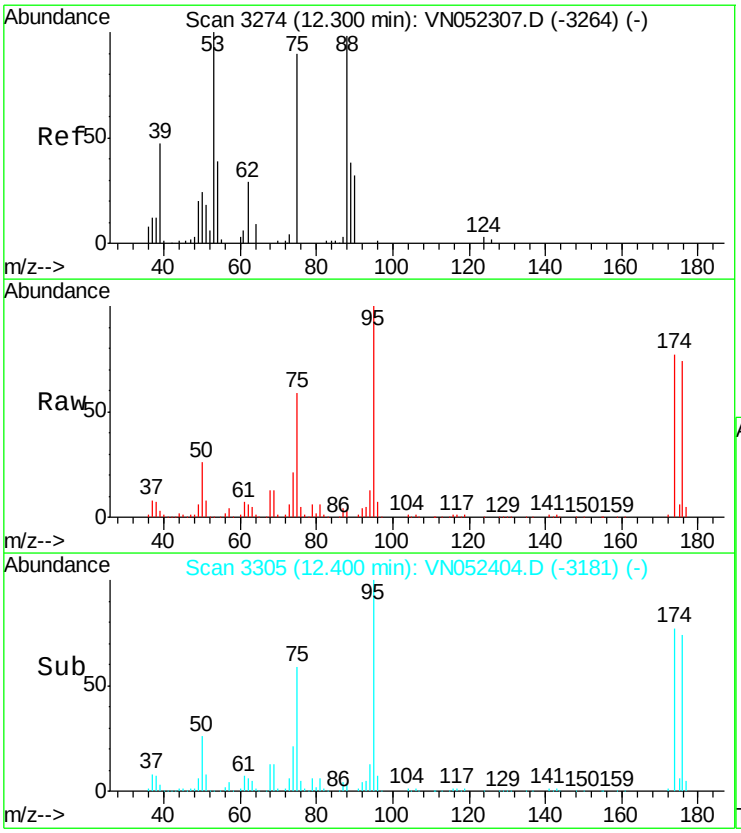
#80
1,3,5-Trimethylbenzene
Concen: 0.50 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:105 Resp: 4289

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.7	71.1

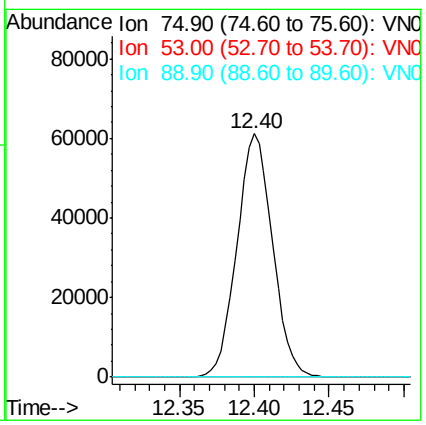


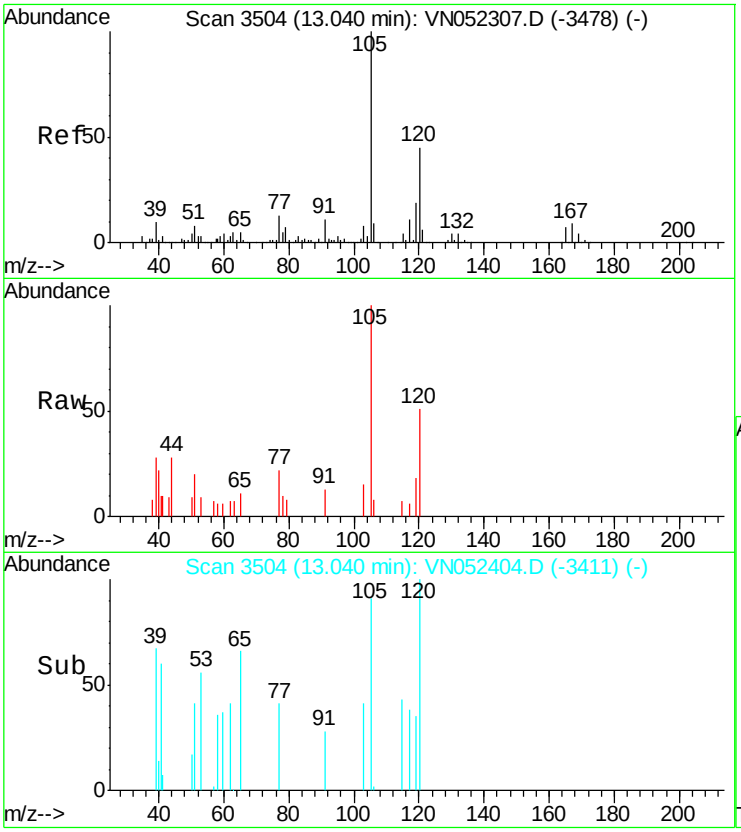


#81
trans-1,4-Dichloro-2-butene
Concen: 144.47 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion: 75 Resp: 101444

Ion	Ratio	Lower	Upper
75	100		
53	0.2	90.2	135.2#
89	0.0	35.4	53.0#



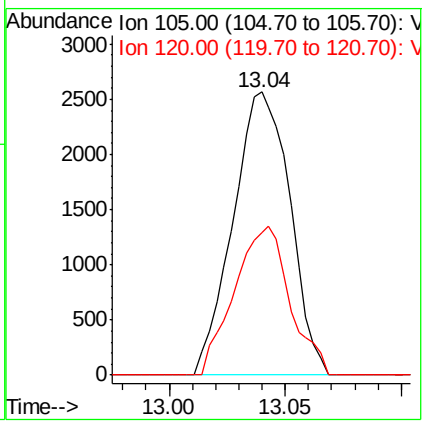


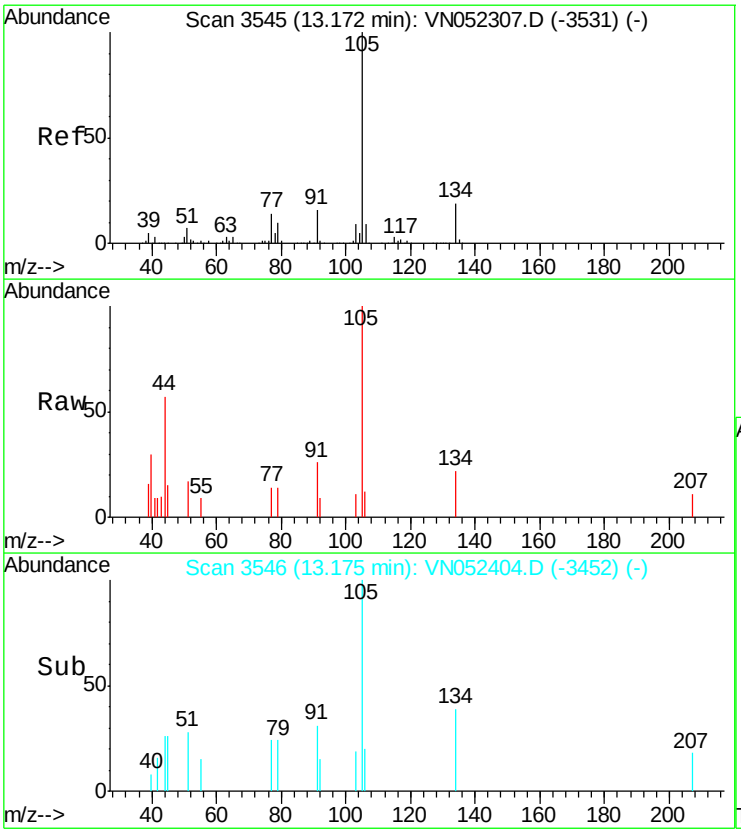
#84
1,2,4-Trimethylbenzene
Concen: 0.51 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:105 Resp: 4382

Ion	Ratio	Lower	Upper
105	100		
120	51.2	22.5	67.5

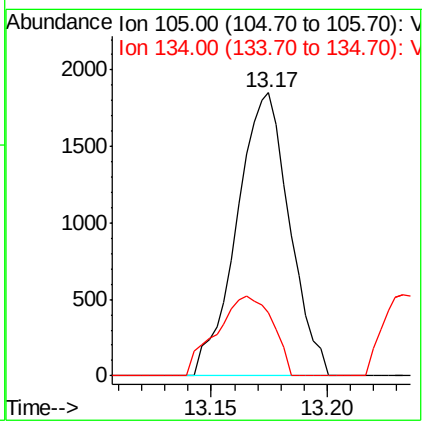


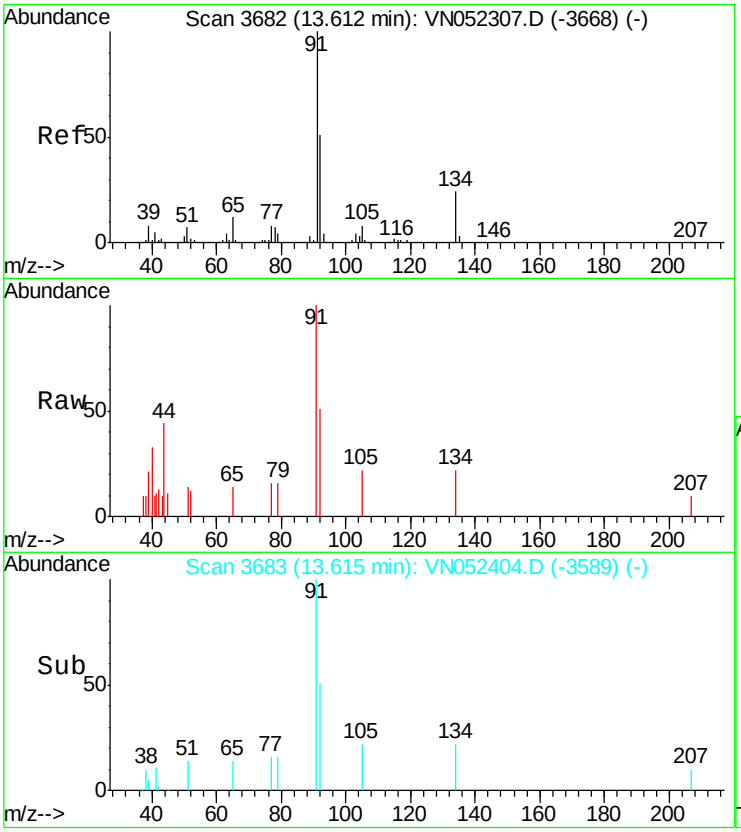


#85
sec-Butylbenzene
Concen: 0.28 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion:105 Resp: 2925

Ion	Ratio	Lower	Upper
105	100		
134	29.8	9.5	28.5#



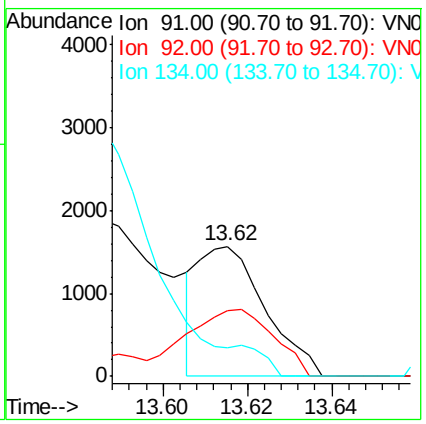


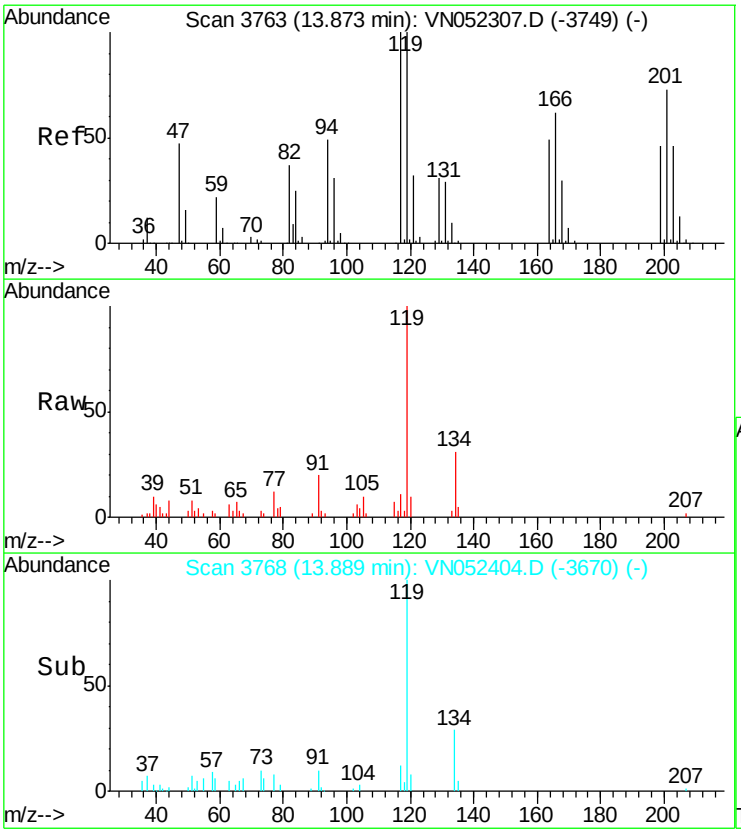
#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument : MSVOA_N
ClientSampleId : AOC2-03A

Tgt Ion: 91 Resp: 1717

Ion	Ratio	Lower	Upper
91	100		
92	67.4	25.4	76.2
134	0.0	12.2	36.4#

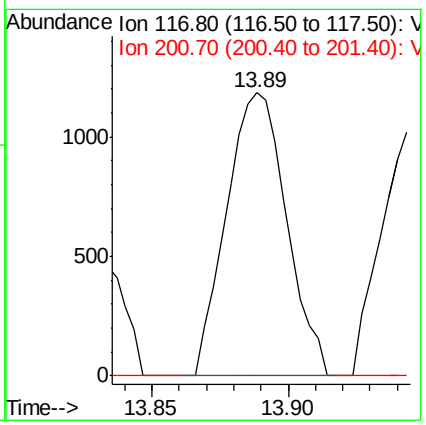


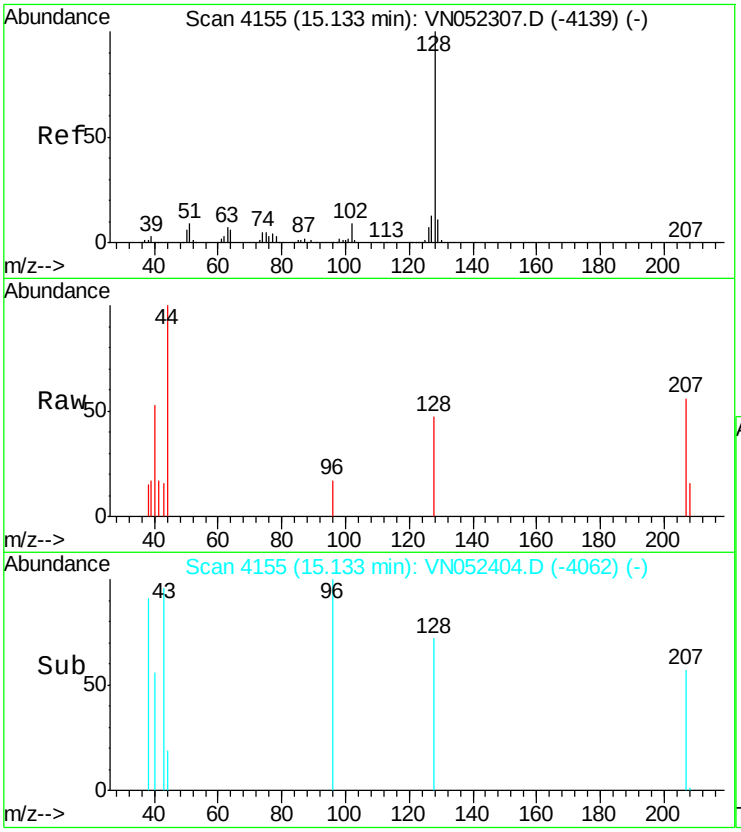


#90
Hexachloroethane
Concen: 1.17 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Tgt Ion:117 Resp: 1805

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.3	105.9#





#95
Naphthalene
Concen: 2.75 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052404.D
Acq: 20 Nov 2018 13:45

Instrument :
MSVOA_N
ClientSampleId :
AOC2-03A

Tgt Ion:128 Resp: 716

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#