Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053686.D
Acq On : 8 Feb 2019 17:18
Operator : JC/SP
Sample : K1411-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Feb 09 02:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	837842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1389182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1255454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	526729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431025	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.56%			
35) Dibromofluoromethane	7.59	113	432415	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
50) Toluene-d8	10.09	98	1668665	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
62) 4-Bromofluorobenzene	12.40	95	554723	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
Target Compounds						Qvalue
14) Allyl chloride	4.56	41	21731	1.759	ug/l #	27
16) Acetone	3.82	43	39614	18.374	ug/l	94
18) Methyl Acetate	4.34	43	3454	0.541	ug/l #	68
20) Methylene Chloride	4.55	84	588027	65.011	ug/l	98
25) 2-Butanone	6.84	43	9627	3.131	ug/l	96
29) Tetrahydrofuran	7.21	42	2859	1.448	ug/l #	63
31) Cyclohexane	7.66	56	11997	0.677	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	49036	3.916	ug/l #	47
37) Ethyl Acetate	6.84	43	9627	1.376	ug/l #	67
38) Carbon Tetrachloride	7.67	117	68372	5.420	ug/l #	16
41) Methacrylonitrile	7.21	41	786	0.201	ug/l #	34
43) Isopropyl Acetate	8.19	43	21245	1.573	ug/l #	51
48) Methyl methacrylate	9.18	41	7744	1.201	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	5093	0.767	ug/l #	62
54) cis-1,3-Dichloropropene	9.90	75	29574	2.013	ug/l #	64
59) 2-Hexanone	10.77	43	12146	2.696	ug/l #	53
60) Dibromochloromethane	10.63	129	2016	0.216	ug/l #	11
67) Ethyl Benzene	11.51	91	10537	0.241	ug/l	97
68) m/p-Xylenes	11.62	106	12270	0.734	ug/l	97
69) o-Xylene	11.95	106	8076	0.500	ug/l	100
71) Bromoform	12.40	173	3193	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	254862	37.671	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	13509	0.440	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	254862	105.927	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	24409	0.780	ug/l	100
95) Naphthalene	15.13	128	351581	16.403	ug/l	100

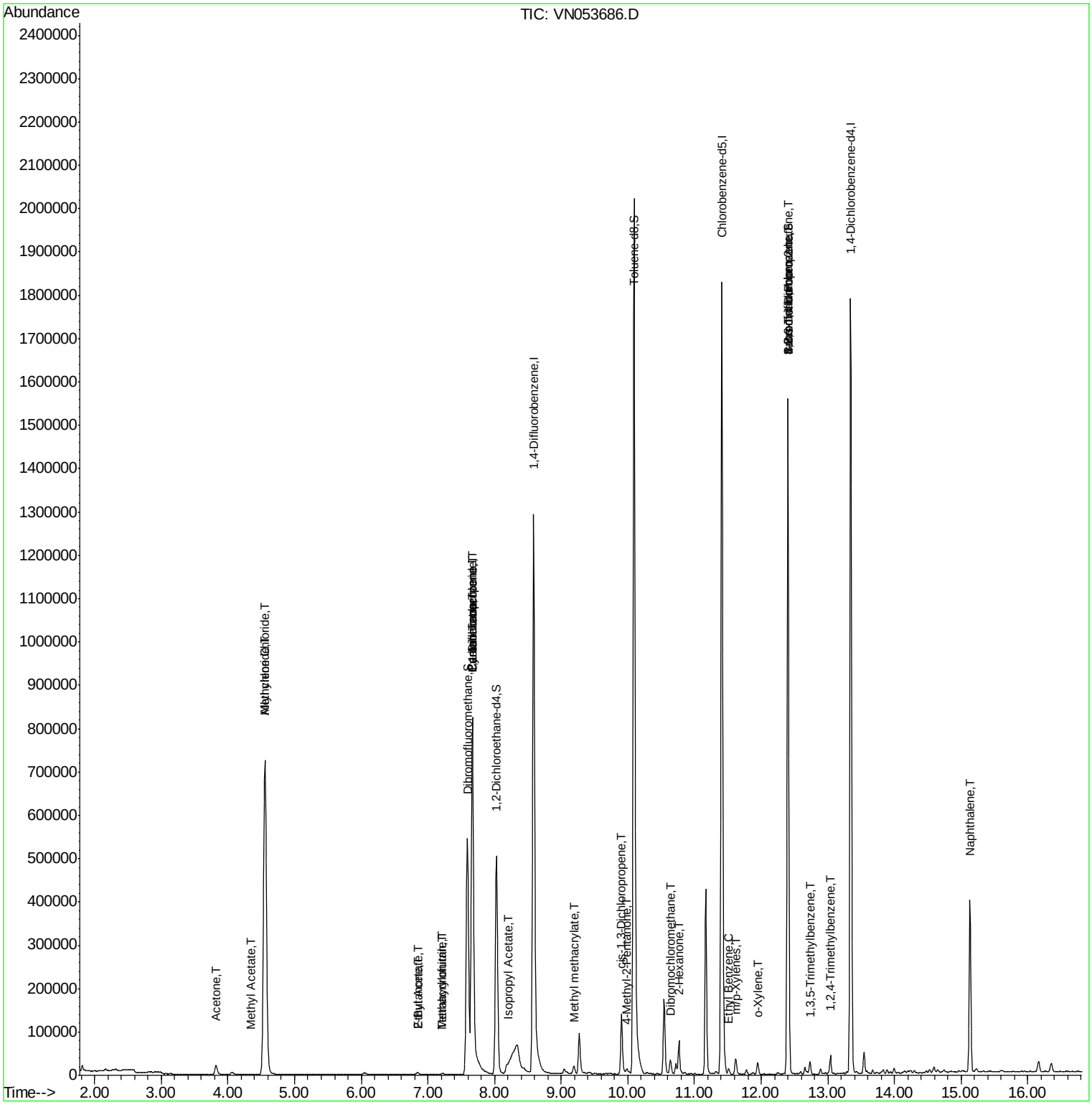
(#) = qualifier out of range (m) = manual integration (+) = signals summed

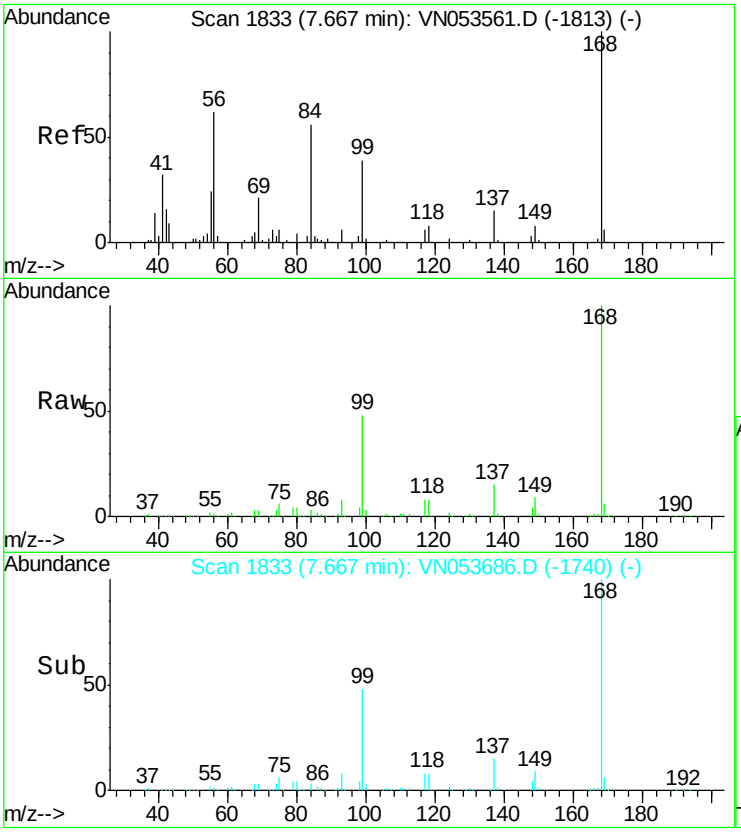
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053686.D
Acq On : 8 Feb 2019 17:18
Operator : JC/SP
Sample : K1411-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 02:37:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration



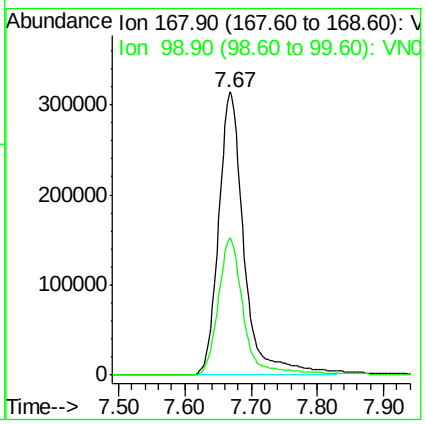


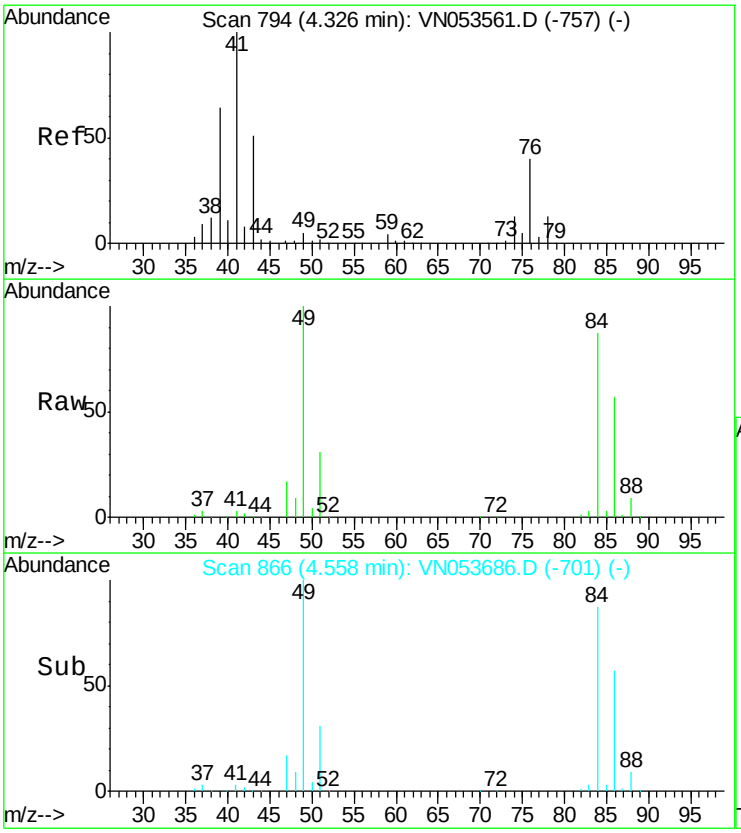
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 837842

Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.1	58.7

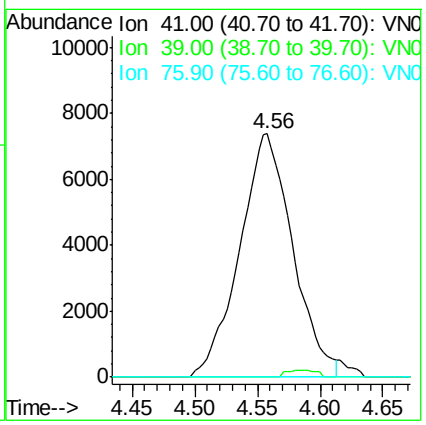


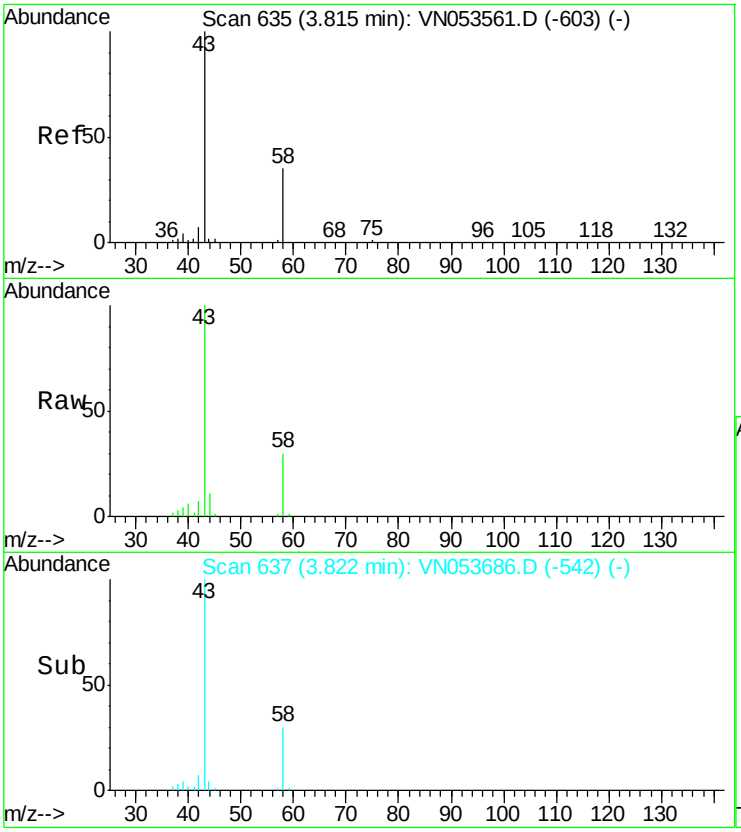


#14
Allyl chloride
Concen: 1.759 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 41 Resp: 21731

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
76	0.0	29.4	44.2#



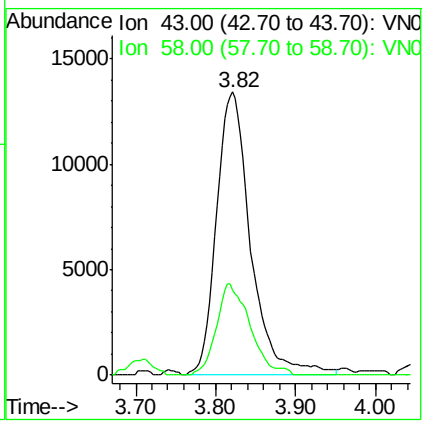


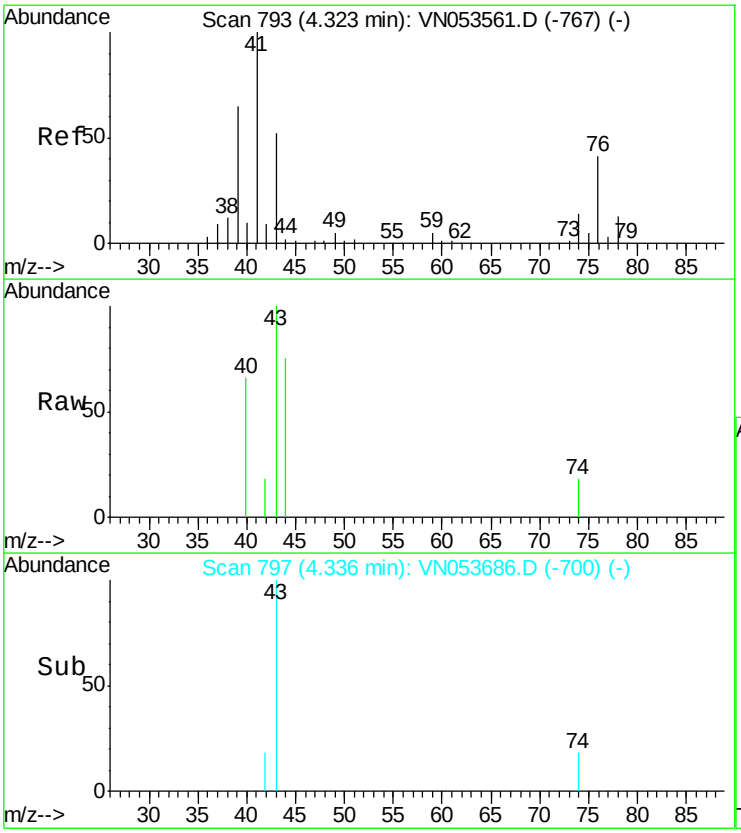
#16
Acetone
Concen: 18.374 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 39614

Ion	Ratio	Lower	Upper
43	100		
58	30.2	27.1	40.7

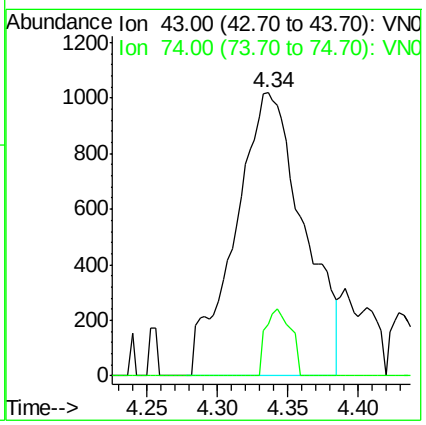


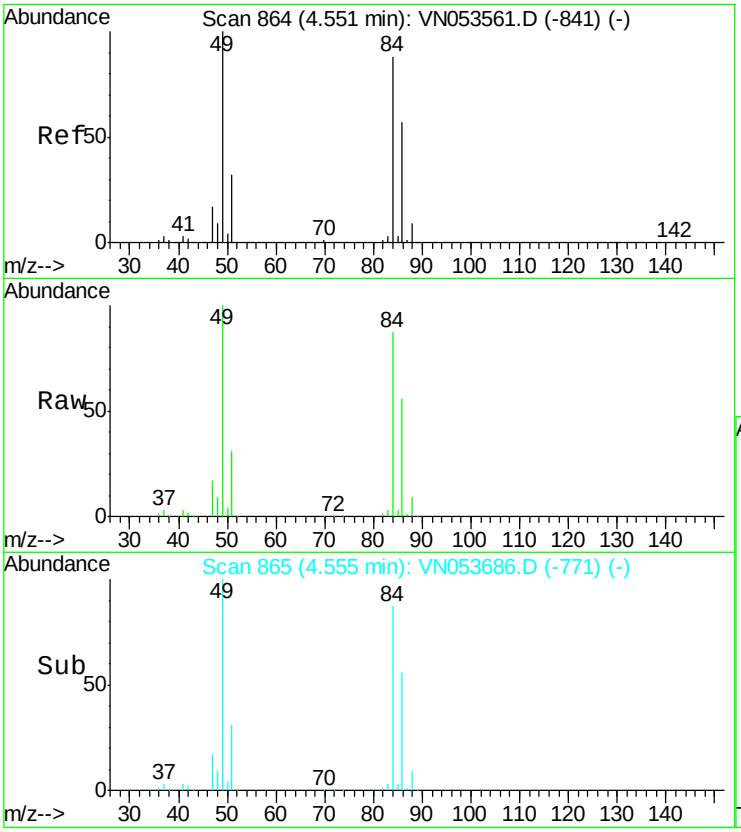


#18
Methyl Acetate
Concen: 0.541 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 43 Resp: 3454

Ion	Ratio	Lower	Upper
43	100		
74	8.6	19.4	29.2#



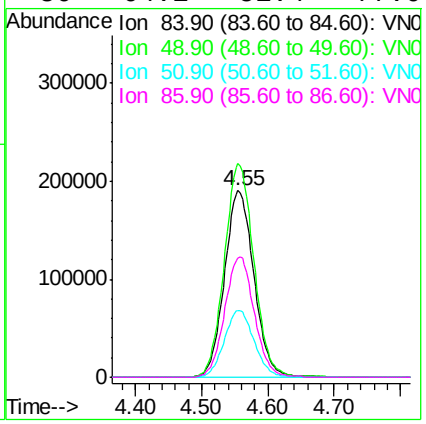


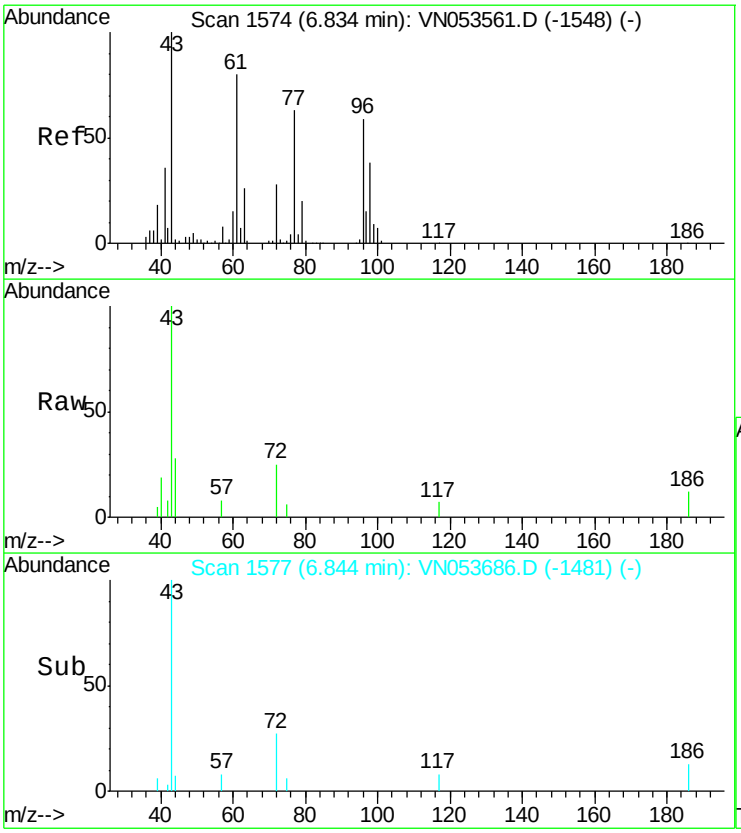
#20
Methylene Chloride
Concen: 65.011 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 588027

Ion	Ratio	Lower	Upper
84	100		
49	114.5	94.3	141.5
51	35.8	29.4	44.2
86	64.1	51.4	77.0

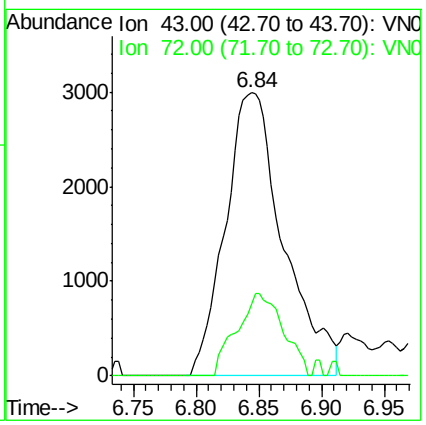


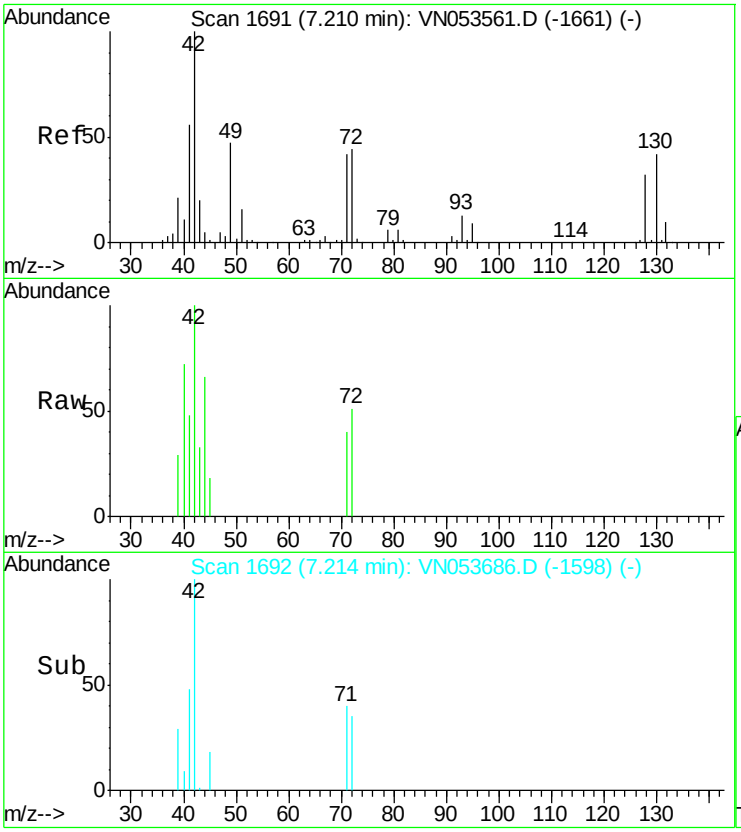


#25
2-Butanone
Concen: 3.131 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 43 Resp: 9627

Ion	Ratio	Lower	Upper
43	100		
72	25.4	22.0	33.0



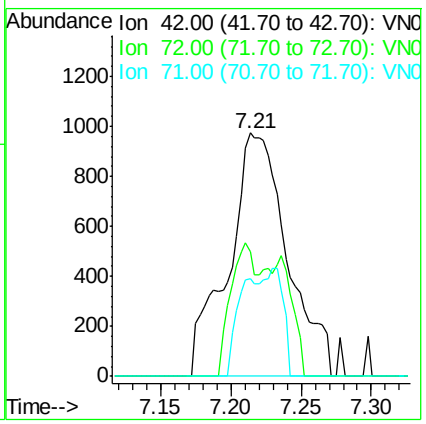


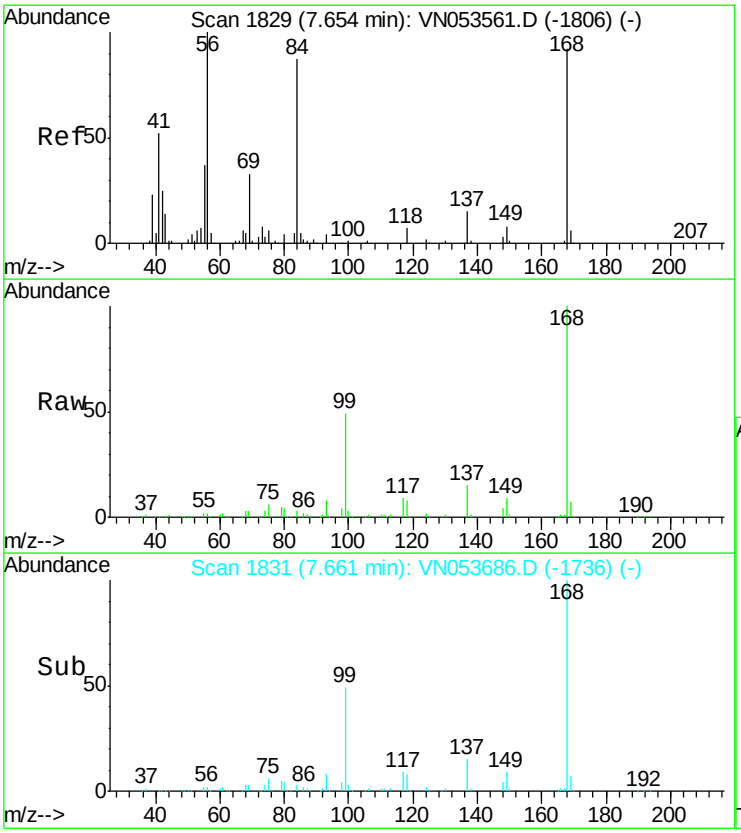
#29
Tetrahydrofuran
Concen: 1.448 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2859

Ion	Ratio	Lower	Upper
42	100		
72	24.4	35.2	52.8#
71	13.0	33.0	49.4#

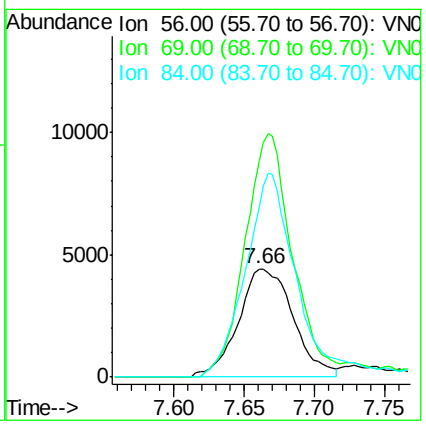


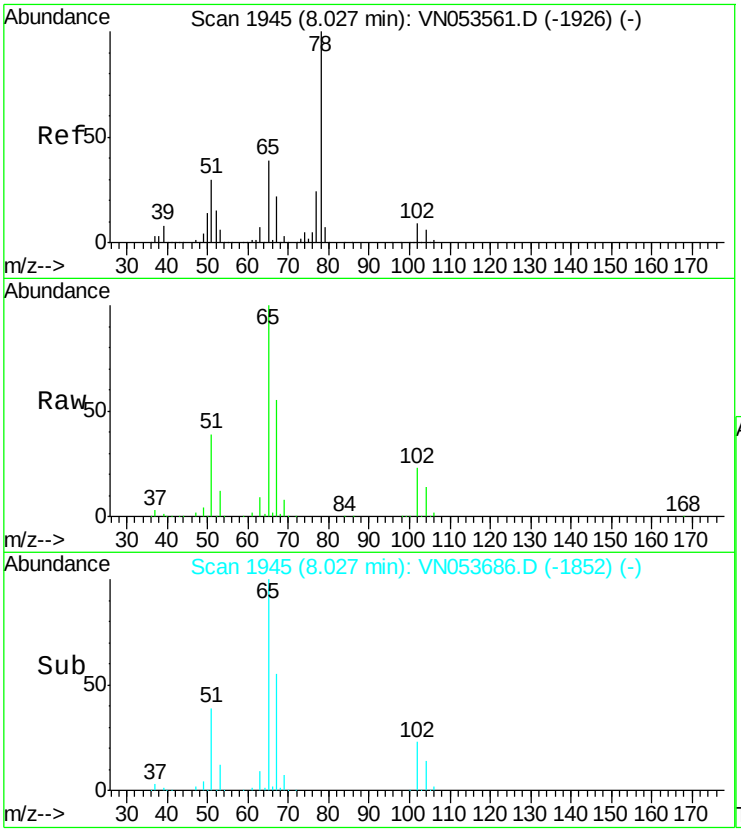


#31
Cyclohexane
Concen: 0.677 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 56 Resp: 11997

Ion	Ratio	Lower	Upper
56	100		
69	200.5	26.4	39.6#
84	157.3	67.9	101.9#



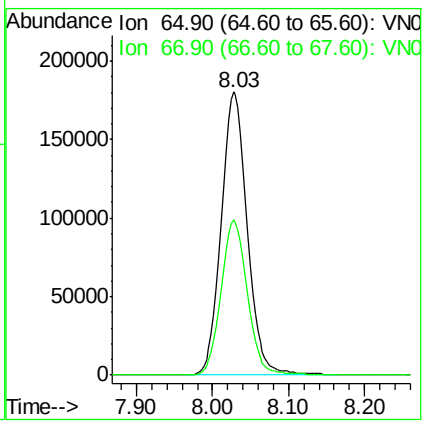


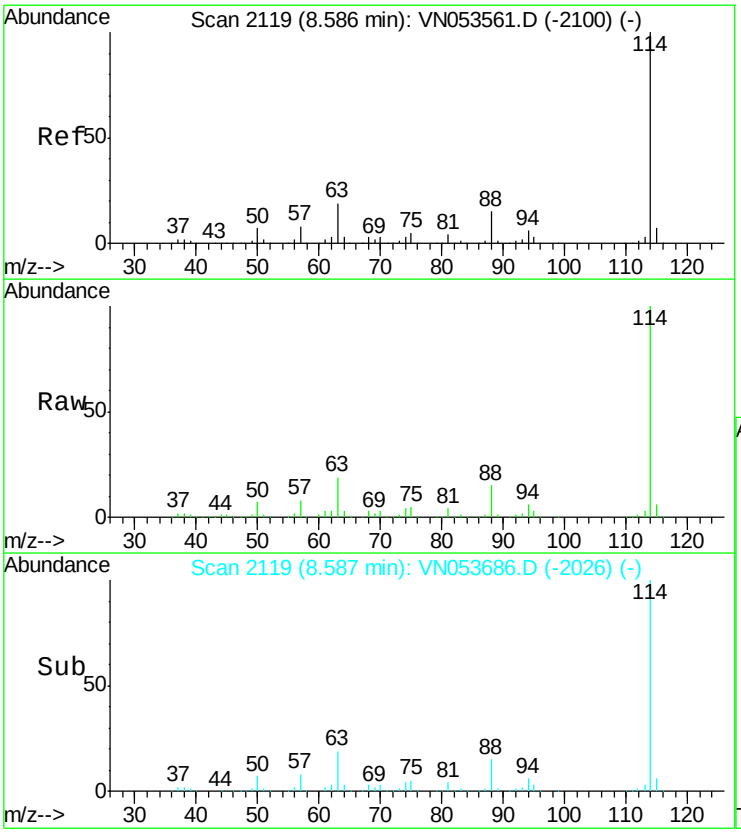
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 431025

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	111.2

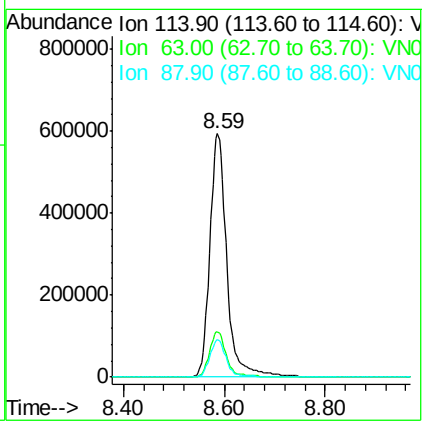


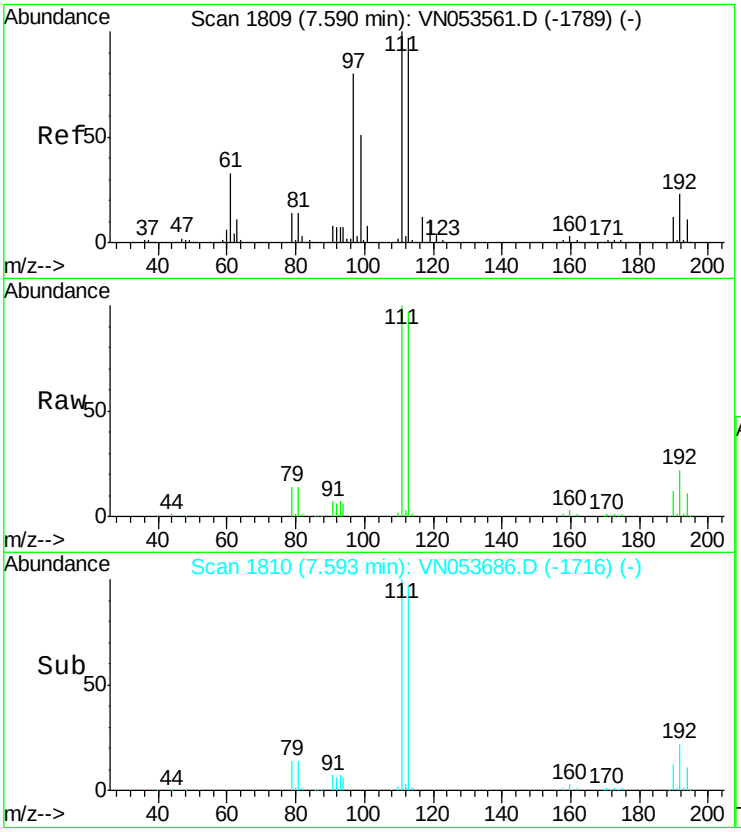


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:114 Resp: 1389182

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	15.2	0.0	30.4



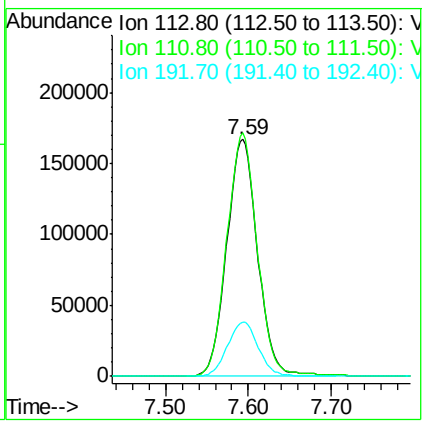


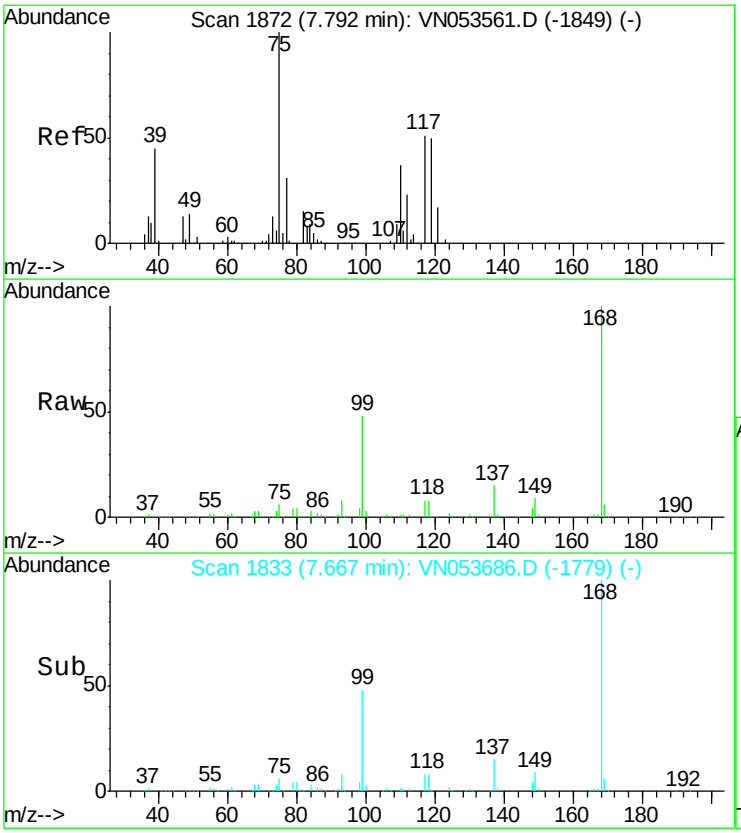
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 432415

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	22.9	18.2	27.2

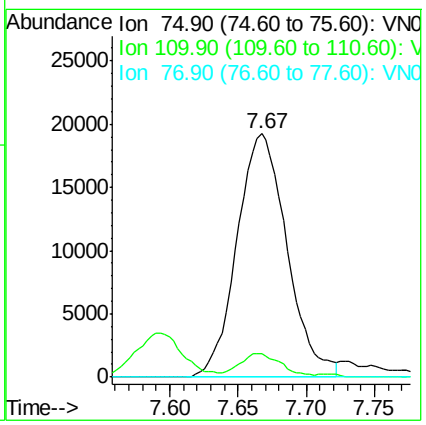


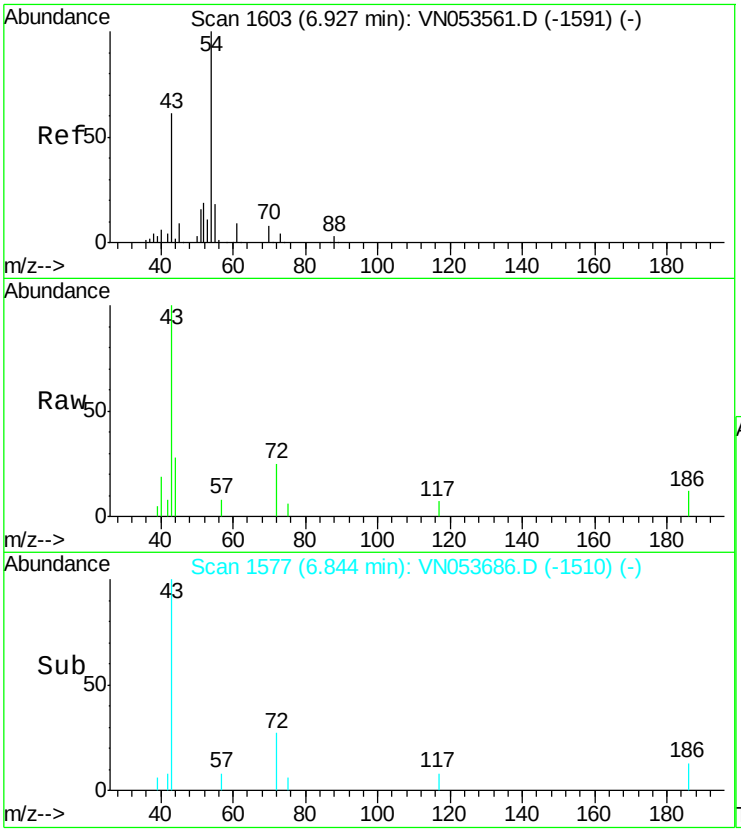


#36
1,1-Dichloropropene
Concen: 3.916 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 75 Resp: 49036

Ion	Ratio	Lower	Upper
75	100		
110	7.0	18.1	54.3#
77	0.0	25.1	37.7#



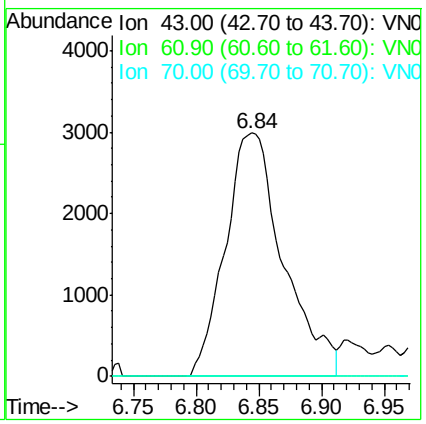


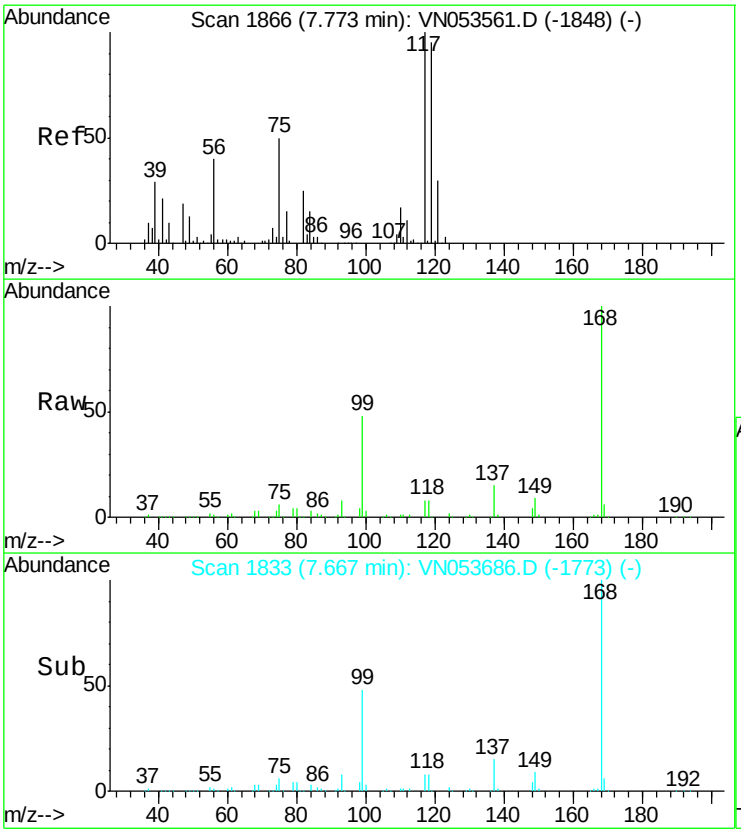
#37
Ethyl Acetate
Concen: 1.376 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9627

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.6	12.8#

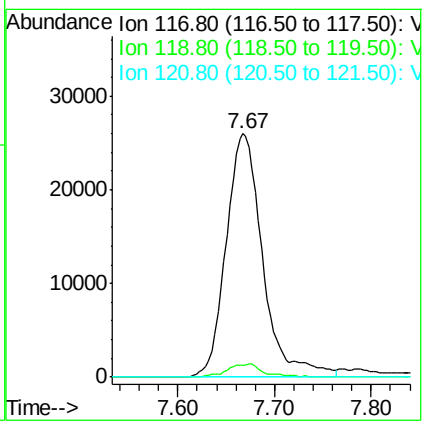


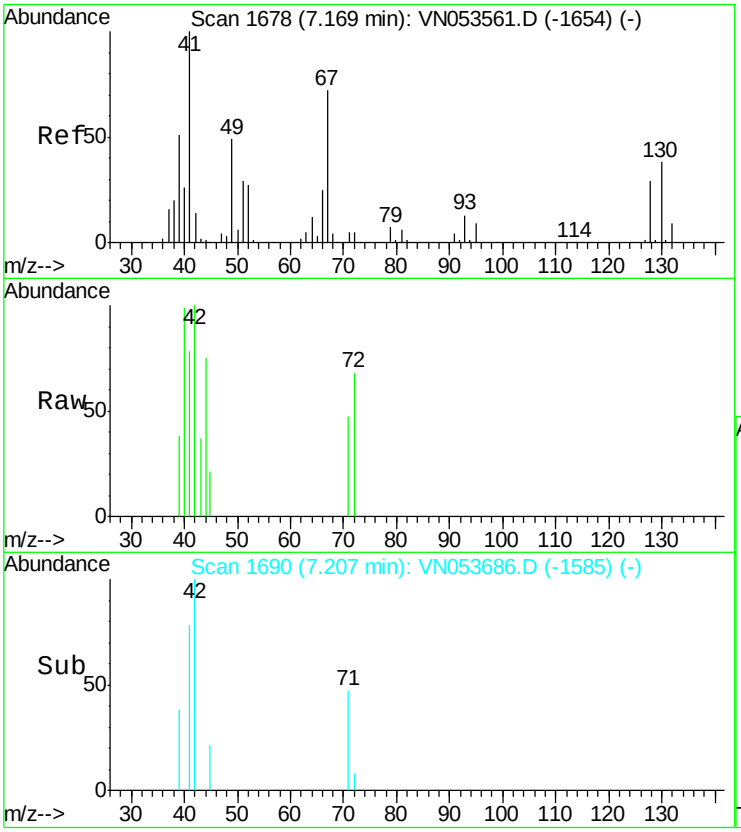


#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:117 Resp: 68372

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.2	115.8#
121	0.0	24.6	37.0#



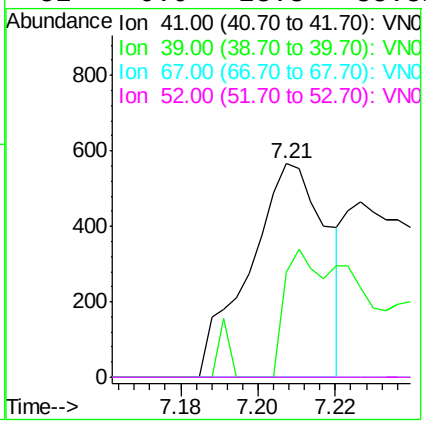


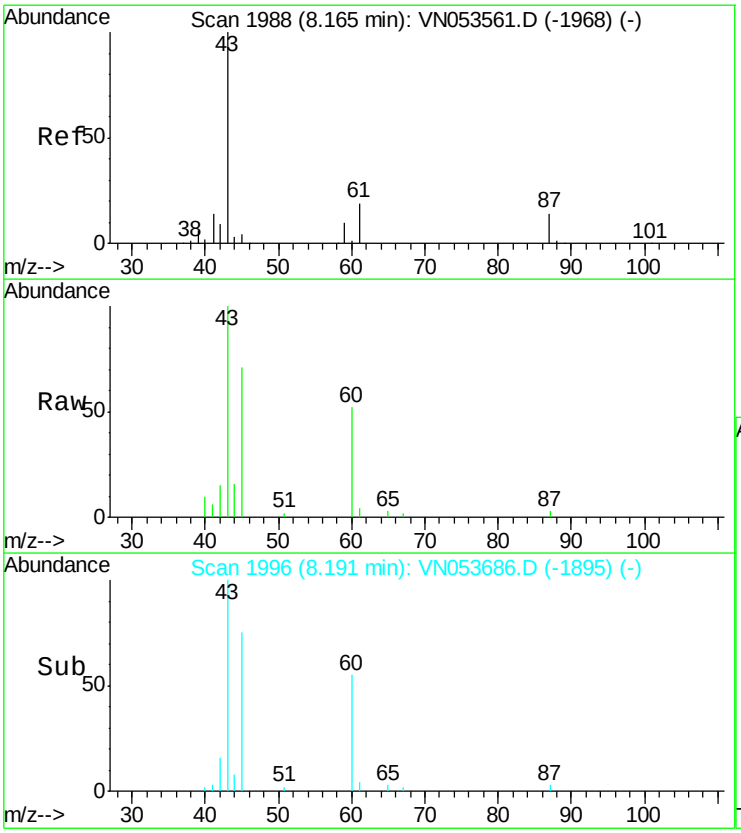
#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 786

Ion	Ratio	Lower	Upper
41	100		
39	28.6	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

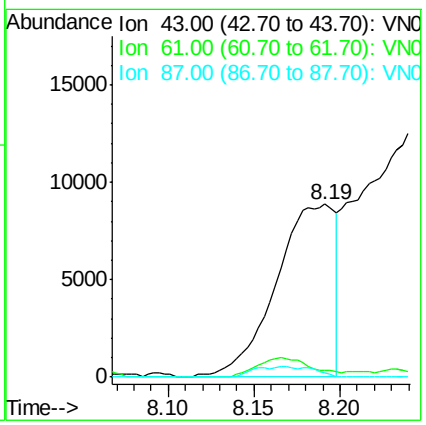


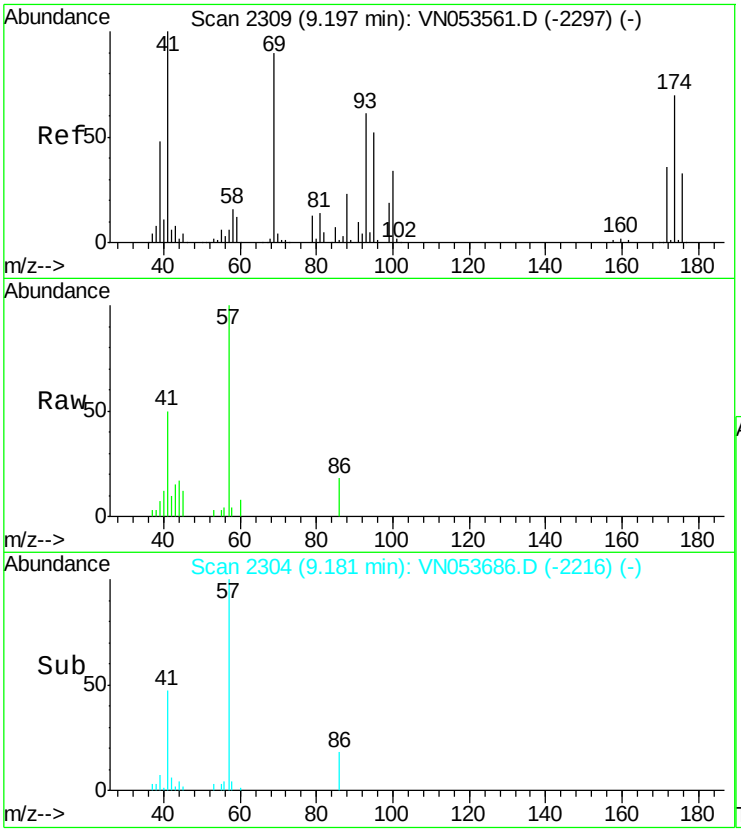


#43
Isopropyl Acetate
Concen: 1.573 ug/l
RT: 8.19 min Scan# 1996
Delta R.T. 0.03 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 43 Resp: 21245

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.9	35.9#
87	0.0	11.0	16.6#



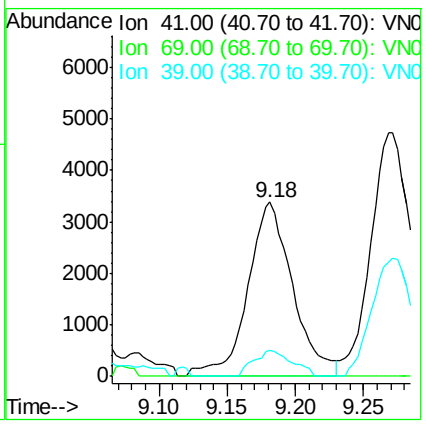


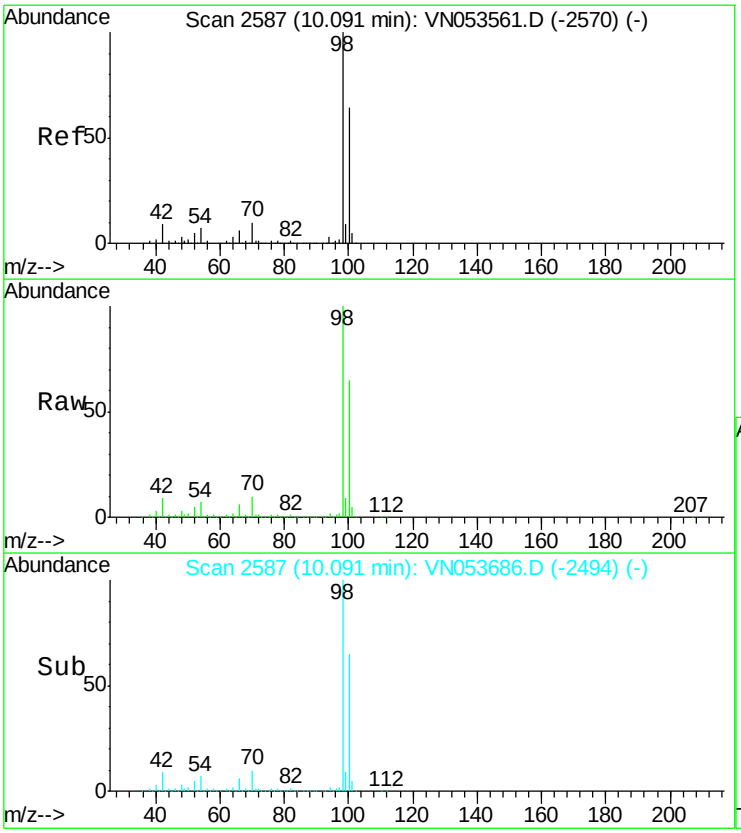
#48
Methyl methacrylate
Concen: 1.201 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 7744

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	12.7	40.0	60.0#

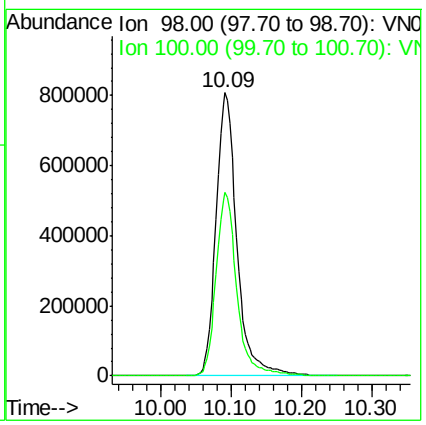


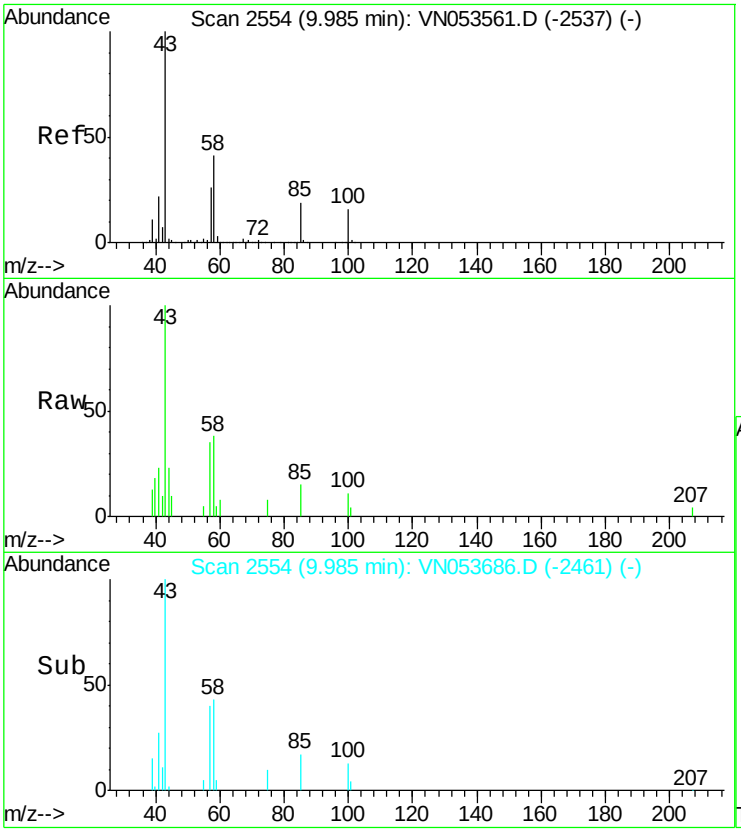


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 98 Resp: 1668665

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0



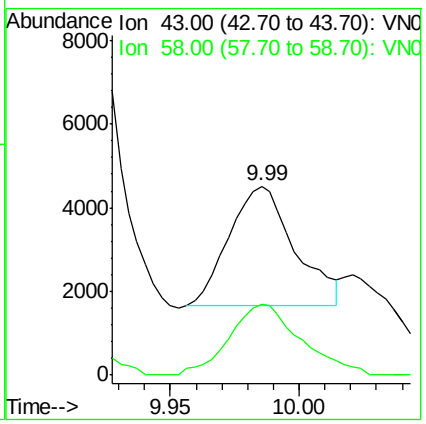


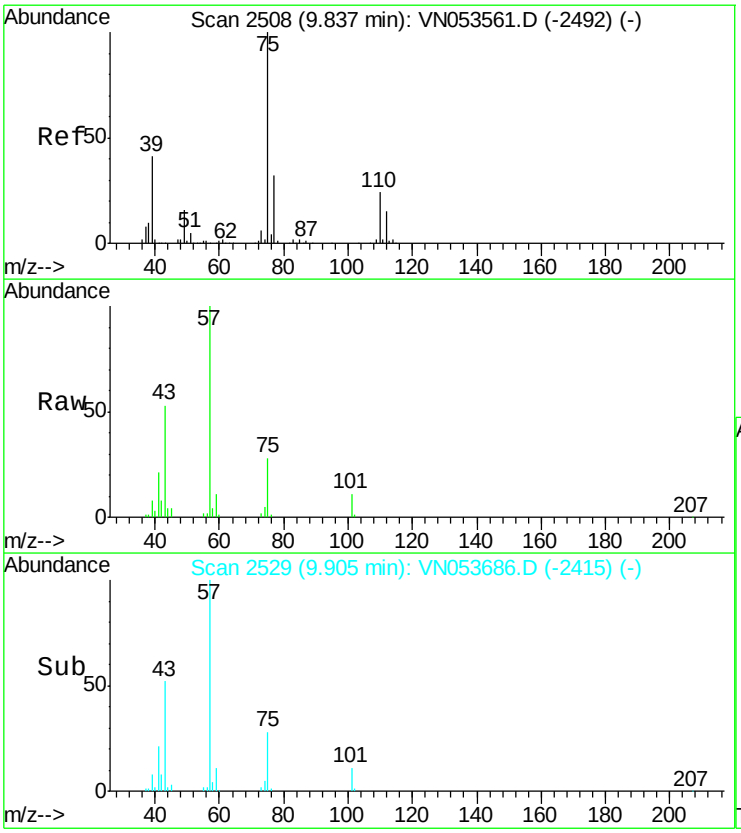
#51
4-Methyl-2-Pentanone
Concen: 0.767 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5093

Ion	Ratio	Lower	Upper
43	100		
58	64.5	32.8	49.2#

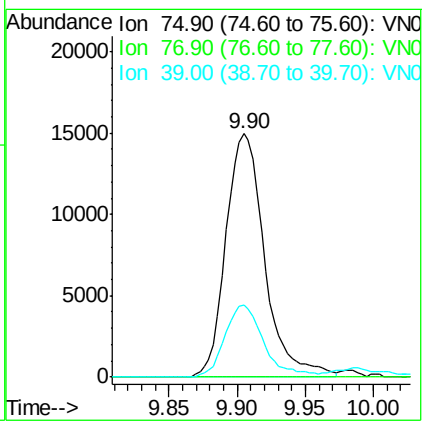


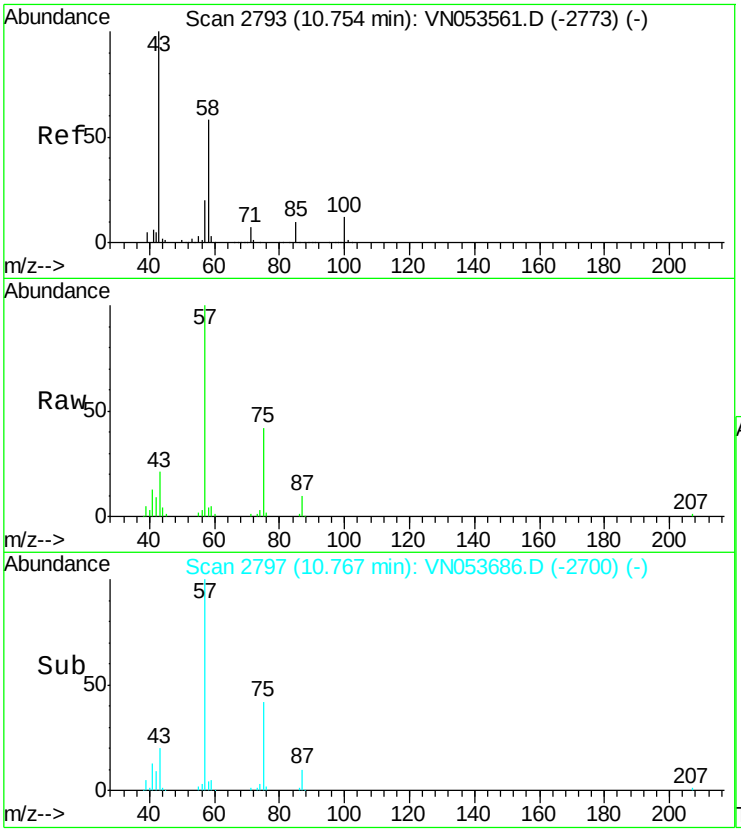


#54
cis-1,3-Dichloropropene
Concen: 2.013 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 75 Resp: 29574

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	29.6	33.4	50.0#



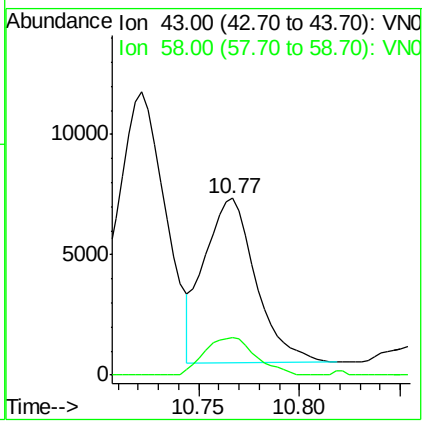


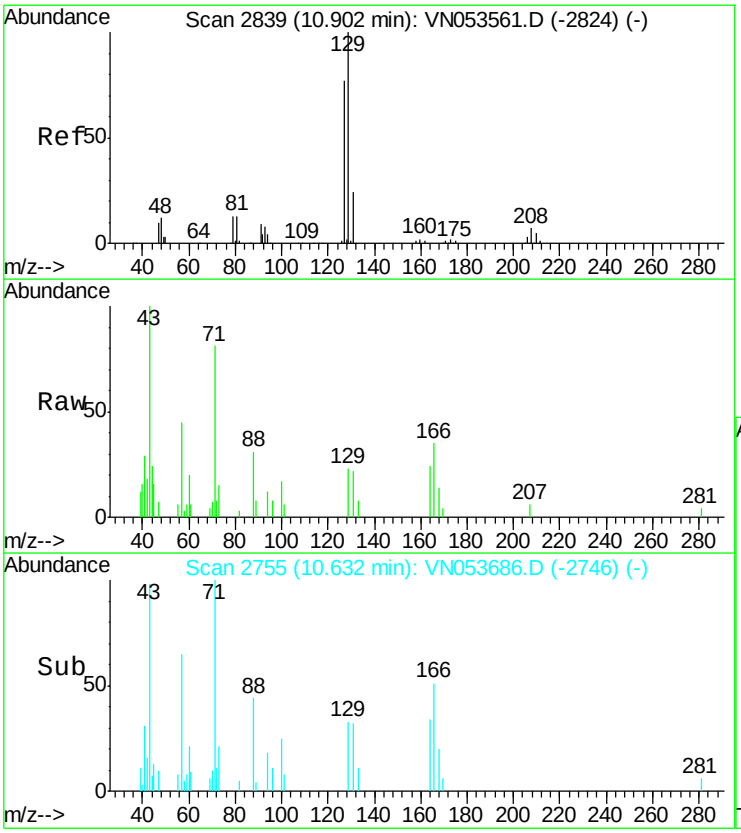
#59
2-Hexanone
Concen: 2.696 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 12146

Ion	Ratio	Lower	Upper
43	100		
58	22.7	28.6	85.8#

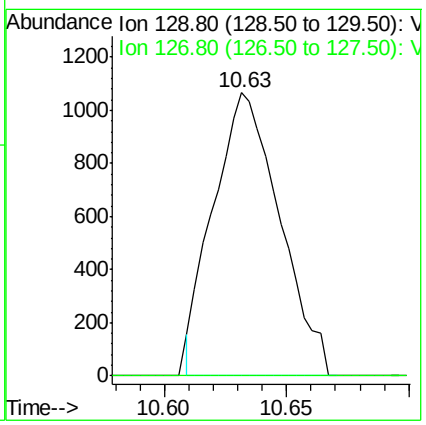


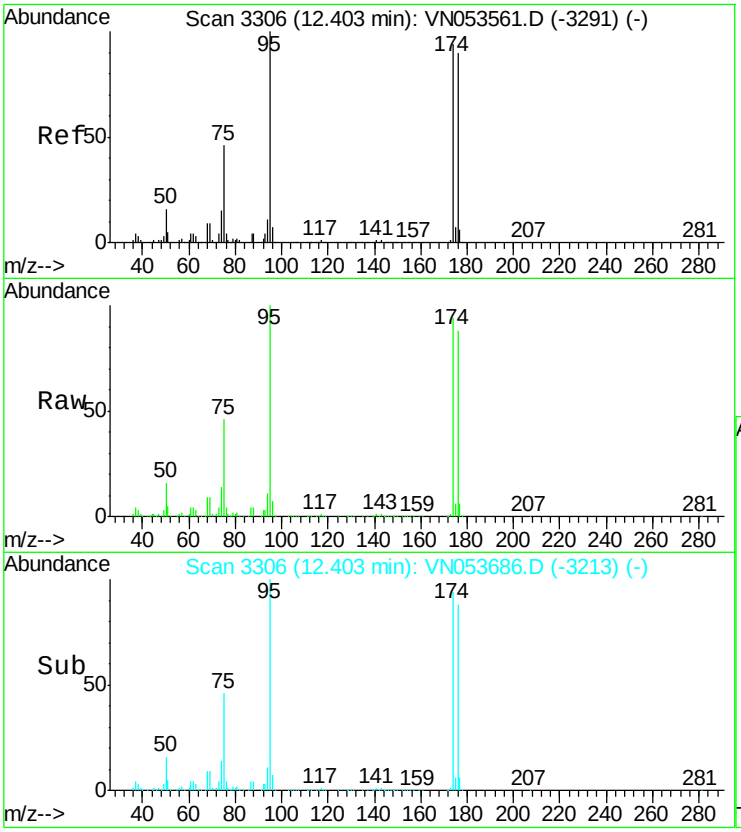


#60
Dibromochloromethane
Concen: 0.216 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:129 Resp: 2016

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#



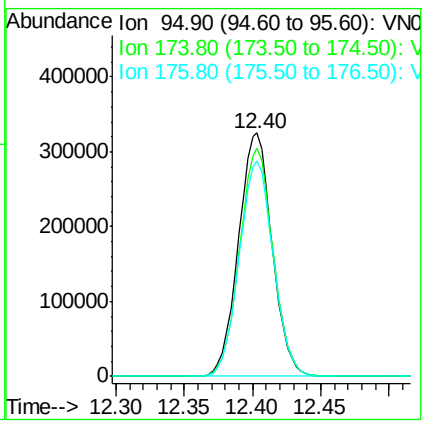


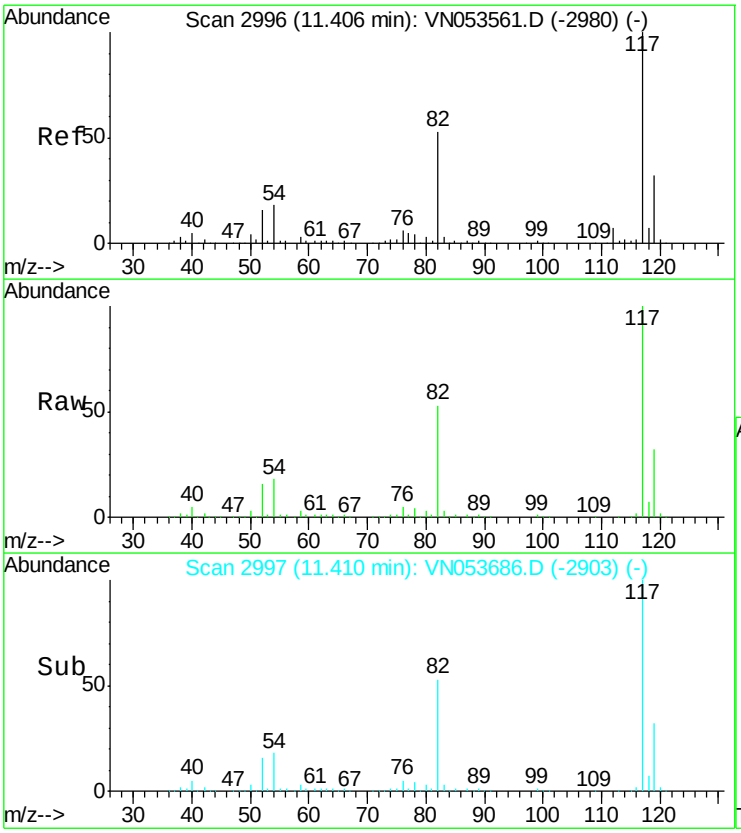
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 554723

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	183.2
176	89.6	0.0	177.4

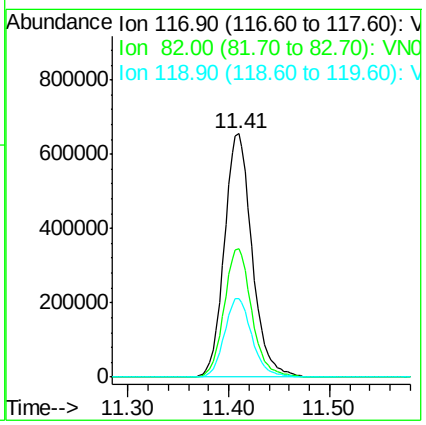


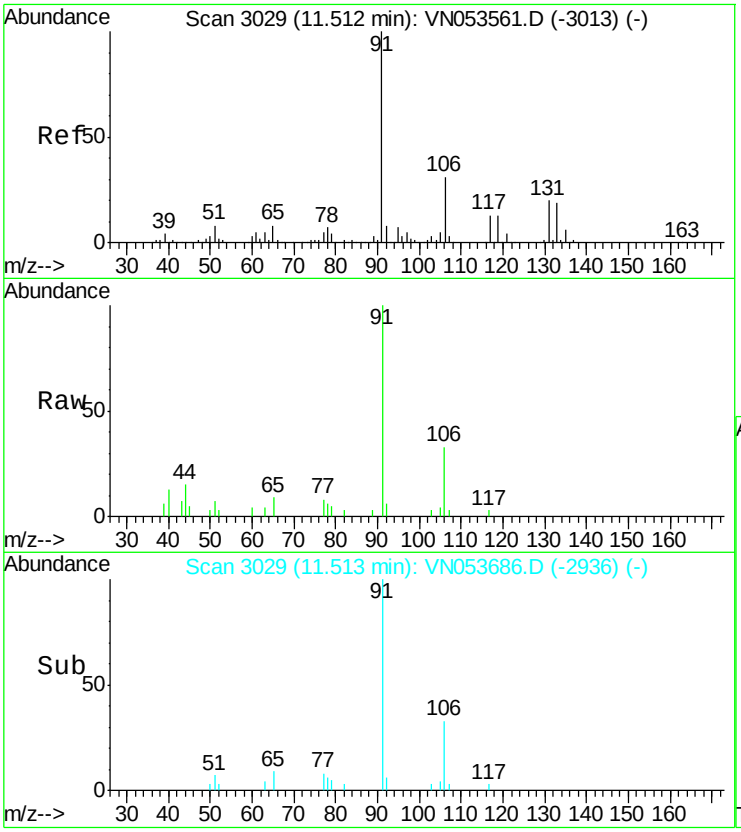


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:117 Resp: 1255454

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.2	26.0	39.0



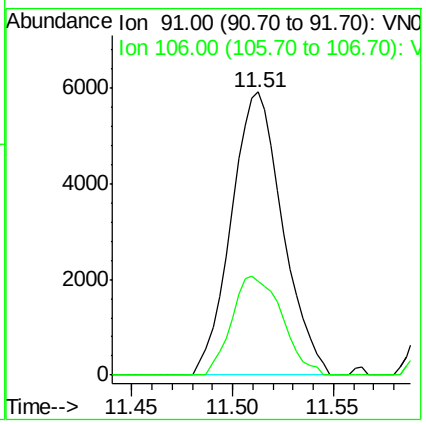


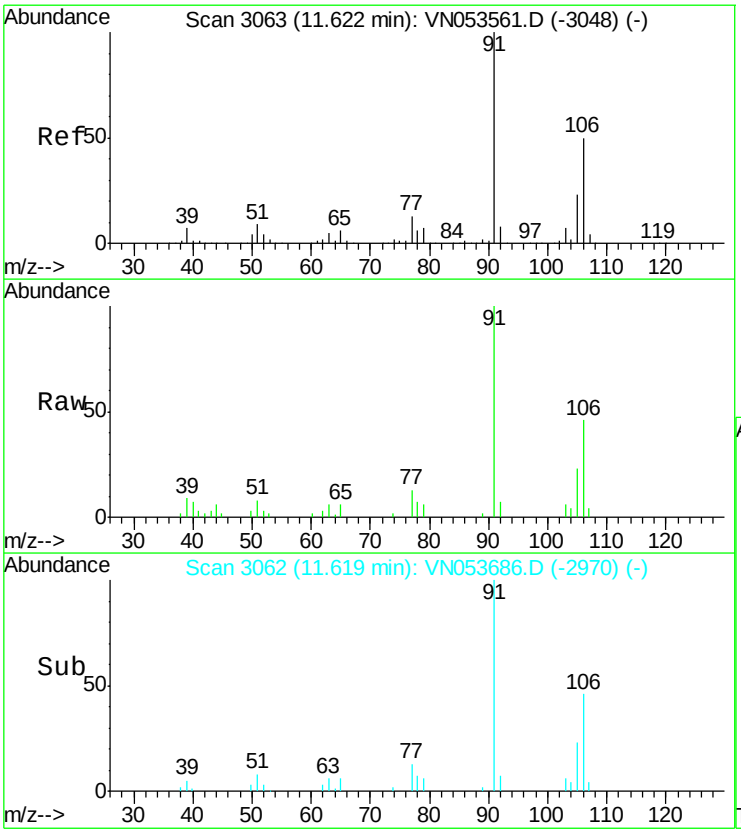
#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 10537

Ion	Ratio	Lower	Upper
91	100		
106	33.0	25.0	37.6

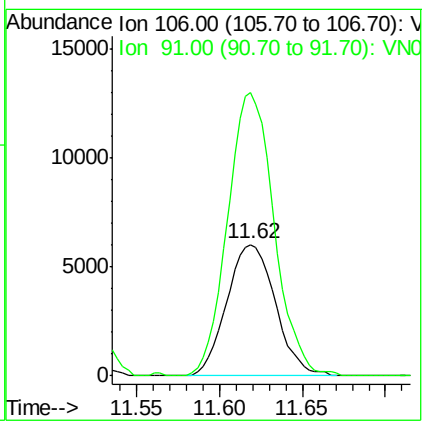


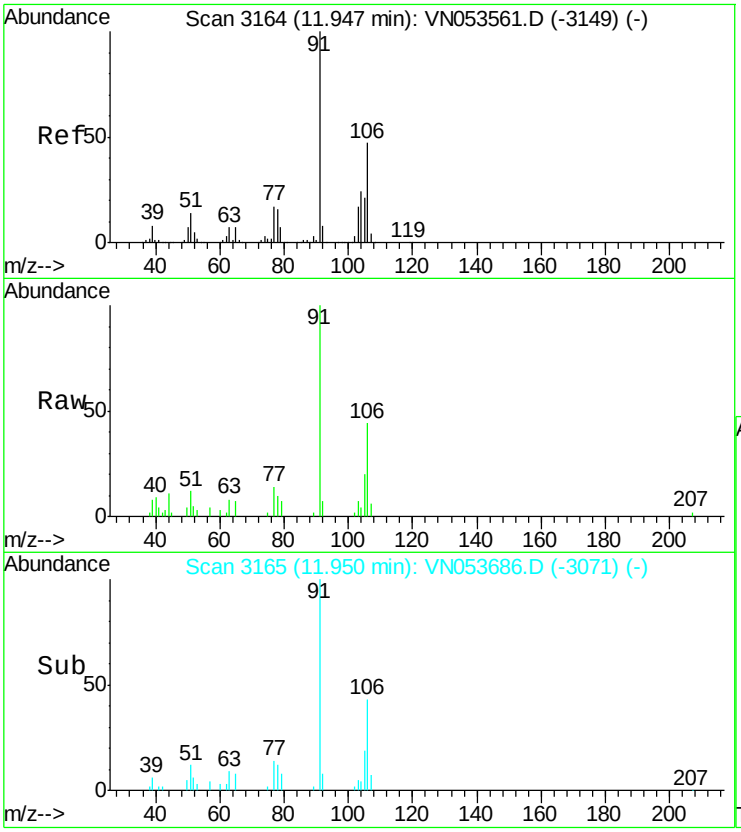


#68
m/p-Xylenes
Concen: 0.734 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:106 Resp: 12270

Ion	Ratio	Lower	Upper
106	100		
91	206.3	161.4	242.2



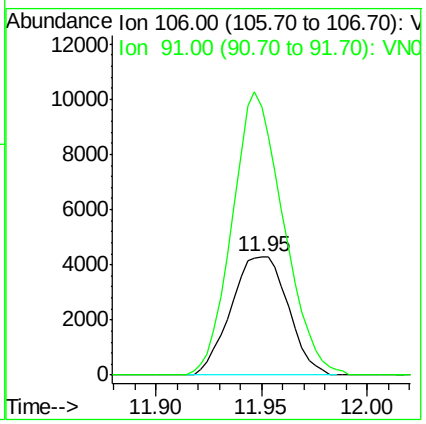


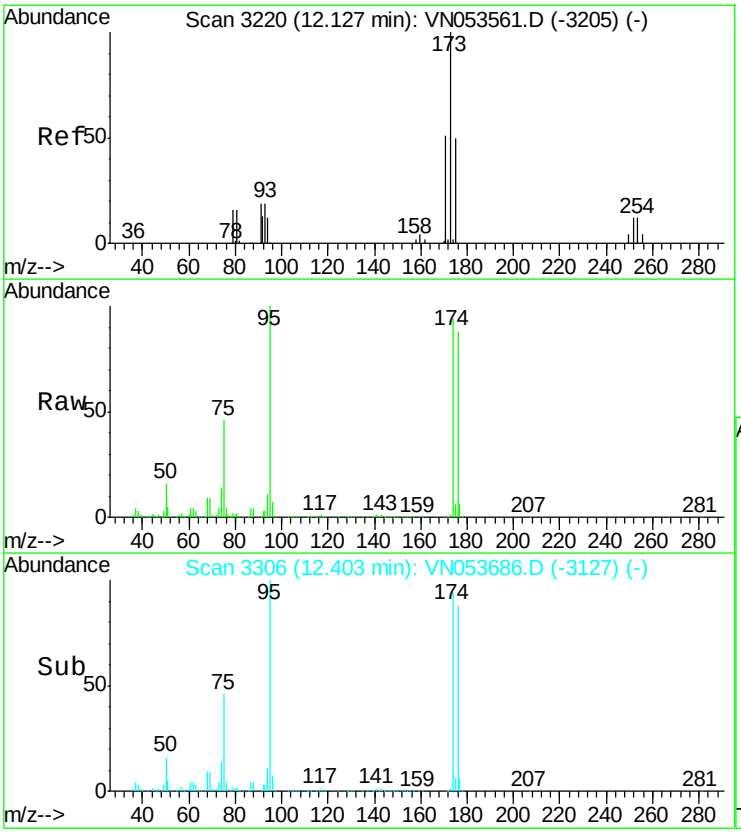
#69
o-Xylene
Concen: 0.500 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 8076

Ion	Ratio	Lower	Upper
106	100		
91	214.4	106.9	320.8

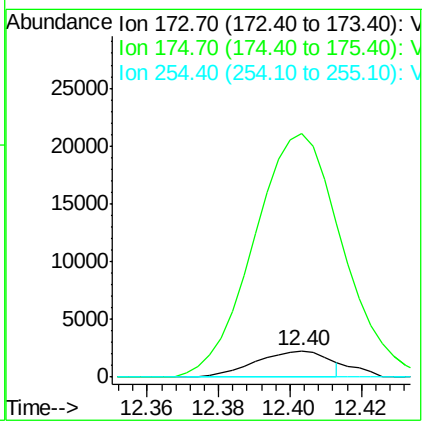


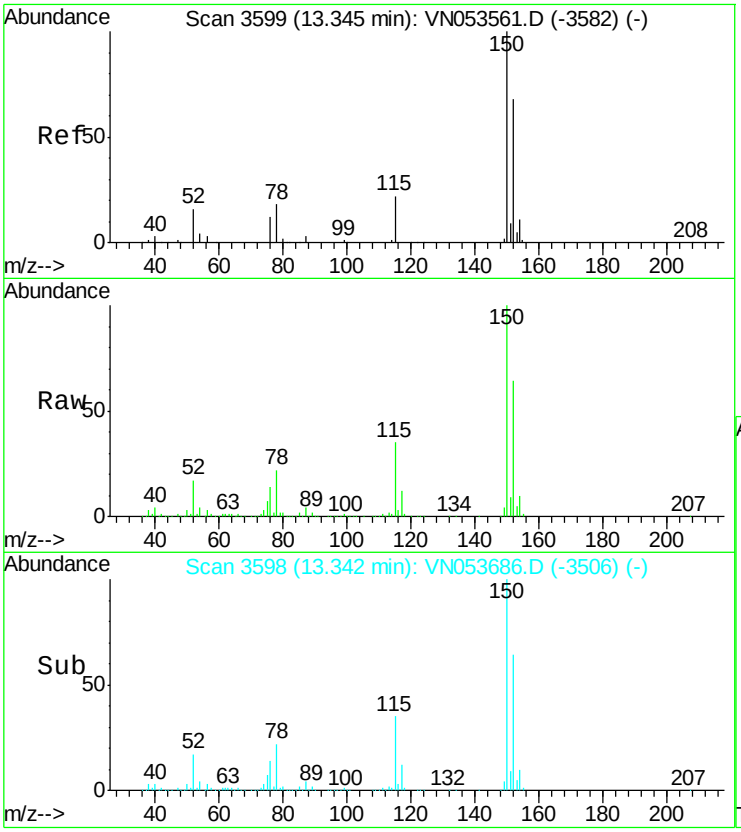


#71
Bromoform
Concen: 0.500 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:173 Resp: 3193

Ion	Ratio	Lower	Upper
173	100		
175	968.7	24.6	74.0#
254	0.0	0.2	0.2#



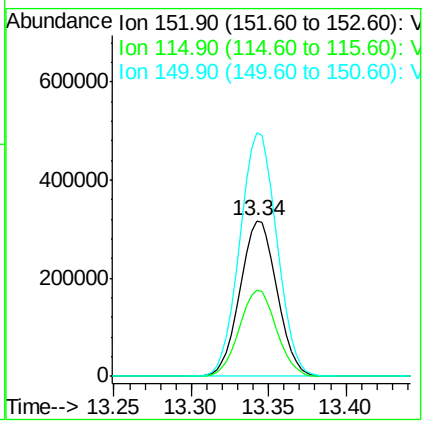


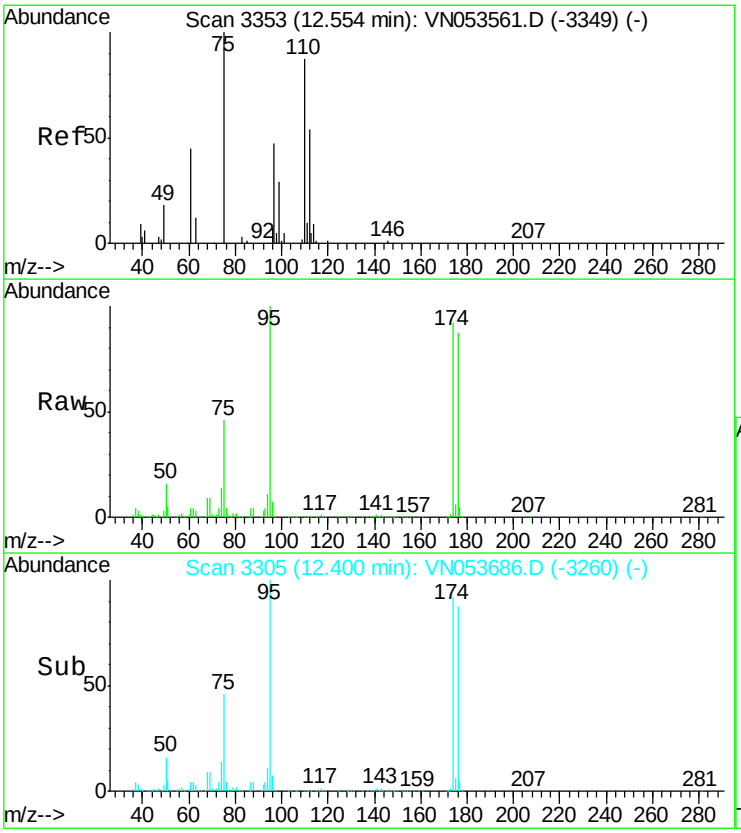
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 526729

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.8	83.4
150	157.7	0.0	349.0

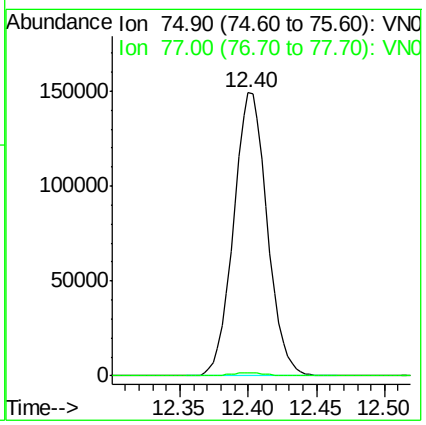


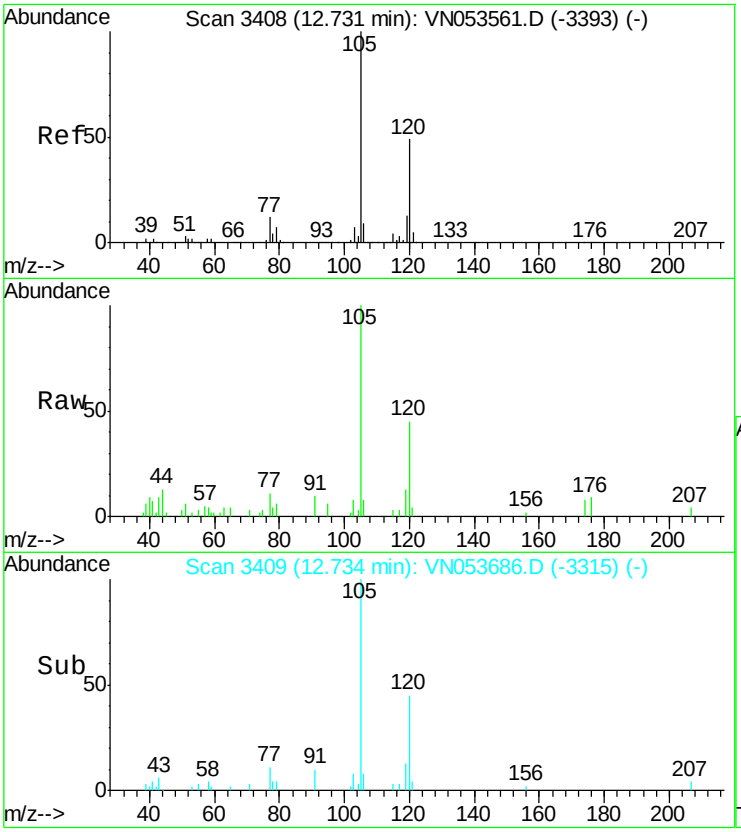


#76
1,2,3-Trichloropropane
Concen: 37.671 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 75 Resp: 254862

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



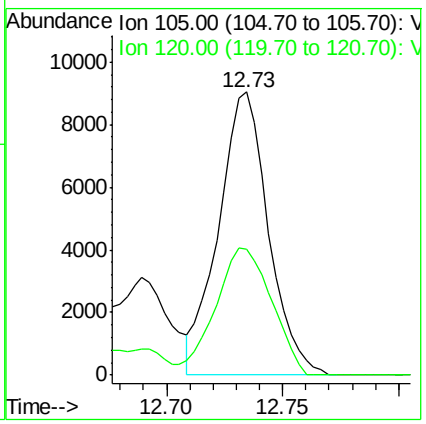


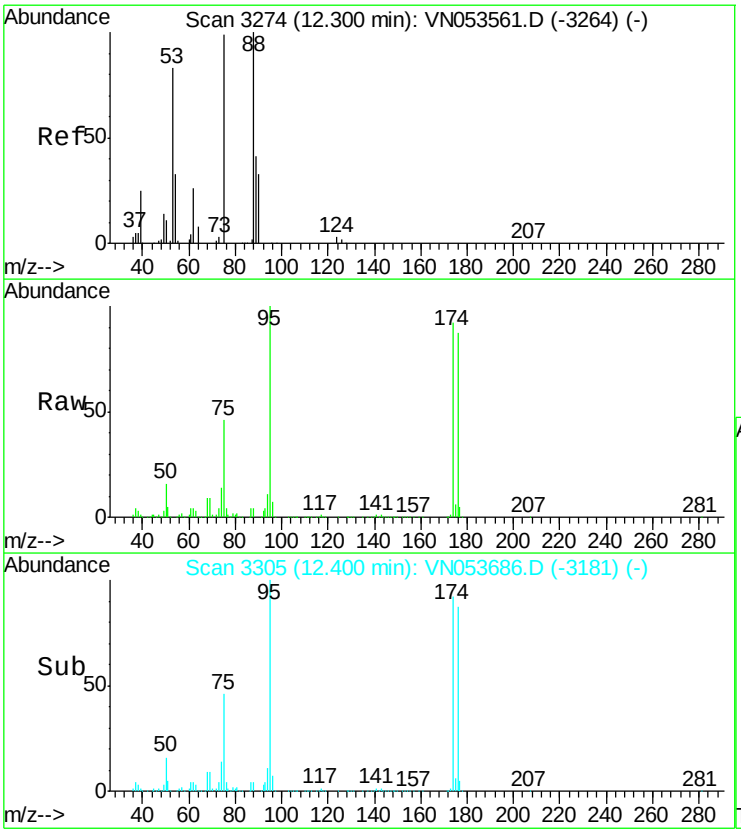
#80
1,3,5-Trimethylbenzene
Concen: 0.440 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 13509

Ion	Ratio	Lower	Upper
105	100		
120	50.4	24.9	74.6

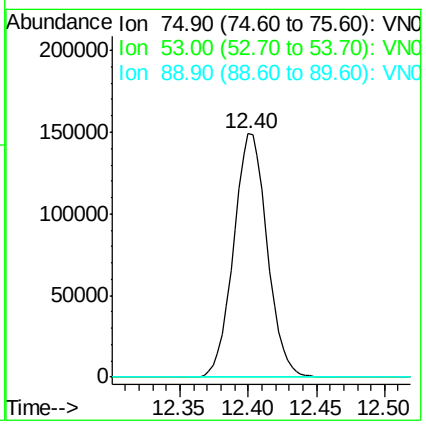


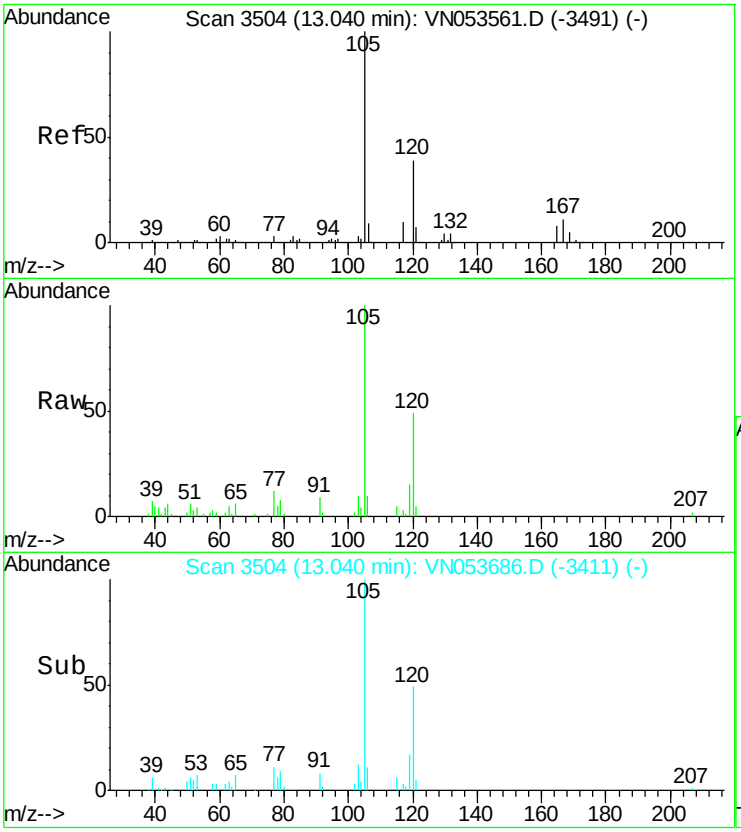


#81
trans-1,4-Dichloro-2-butene
Concen: 105.927 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion: 75 Resp: 254862

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#



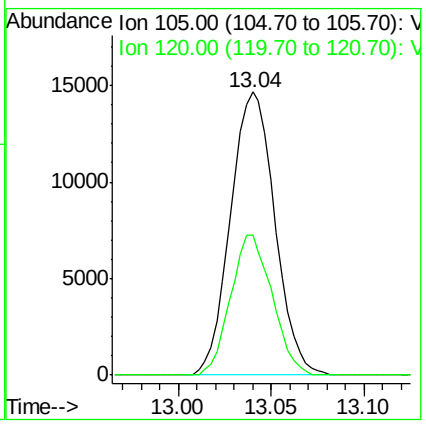


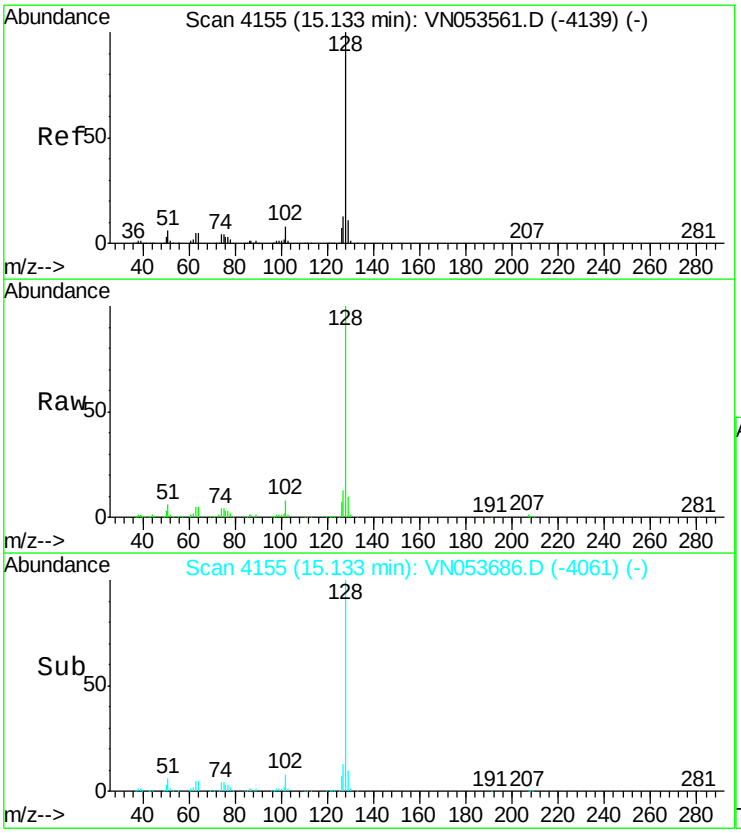
#84
1,2,4-Trimethylbenzene
Concen: 0.780 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 24409

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#95
Naphthalene
Concen: 16.403 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053686.D
Acq: 8 Feb 2019 17:18

Tgt Ion:128 Resp: 351581

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.7	8.6	13.0