Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053685.D
Acq On : 8 Feb 2019 16:51
Operator : JC/SP
Sample : K1349-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Feb 09 02:37:13 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	870165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1290437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452115	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
35) Dibromofluoromethane	7.59	113	444812	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.88%			
50) Toluene-d8	10.09	98	1712989	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	12.40	95	574744	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.04%			
Target Compounds						Qvalue
14) Allyl chloride	4.55	41	150234	11.710	ug/l #	27
16) Acetone	3.82	43	125217	55.922	ug/l	98
18) Methyl Acetate	4.33	43	3243	0.489	ug/l #	69
20) Methylene Chloride	4.55	84	4183297	445.315	ug/l	97
25) 2-Butanone	6.85	43	3107	0.973	ug/l #	87
29) Tetrahydrofuran	7.21	42	782	0.381	ug/l #	81
31) Cyclohexane	7.67	56	12246	0.662	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	51498	4.013	ug/l #	49
38) Carbon Tetrachloride	7.67	117	67240	5.201	ug/l #	16
43) Isopropyl Acetate	8.17	43	35694	2.579	ug/l #	82
48) Methyl methacrylate	9.18	41	10238	1.549	ug/l #	12
49) 1,4-Dioxane	9.27	88	72	39.821	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	9253	1.360	ug/l #	34
52) Toluene	10.16	92	35577	1.515	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	76368	5.073	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	14270	0.986	ug/l #	43
59) 2-Hexanone	10.77	43	185319	40.130	ug/l #	51
67) Ethyl Benzene	11.51	91	9109	0.202	ug/l	97
68) m/p-Xylenes	11.62	106	16509	0.961	ug/l	94
69) o-Xylene	11.95	106	10185	0.613	ug/l	88
71) Bromoform	12.40	173	3441	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	265627	37.979	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17030	0.536	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	265627	106.794	ug/l #	15
83) tert-Butylbenzene	13.04	119	6858	0.244	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.04	105	54511	1.686	ug/l	99
90) Hexachloroethane	13.89	117	1841	0.334	ug/l #	3
95) Naphthalene	15.13	128	60459	4.176	ug/l	99

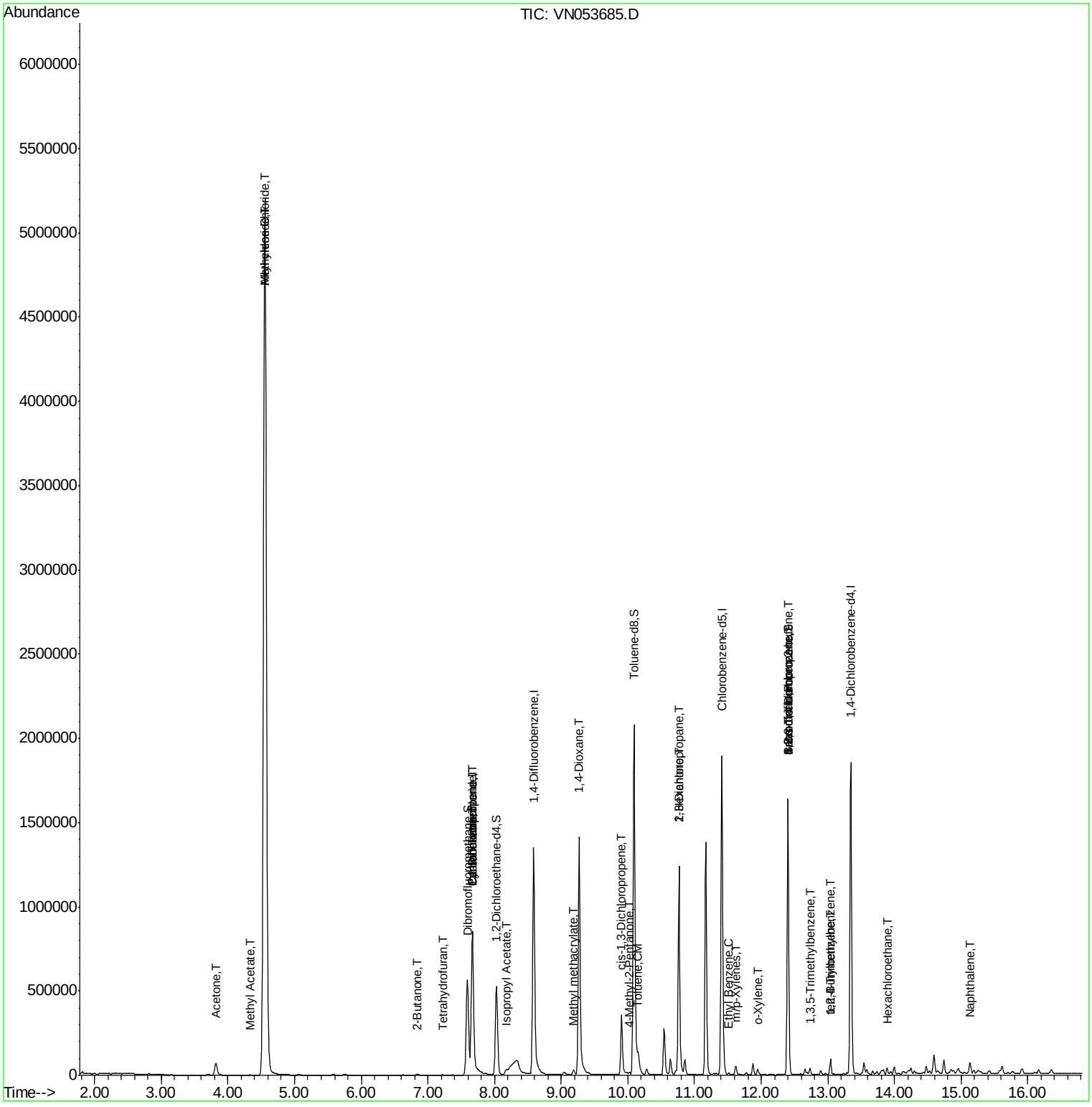
(#) = qualifier out of range (m) = manual integration (+) = signals summed

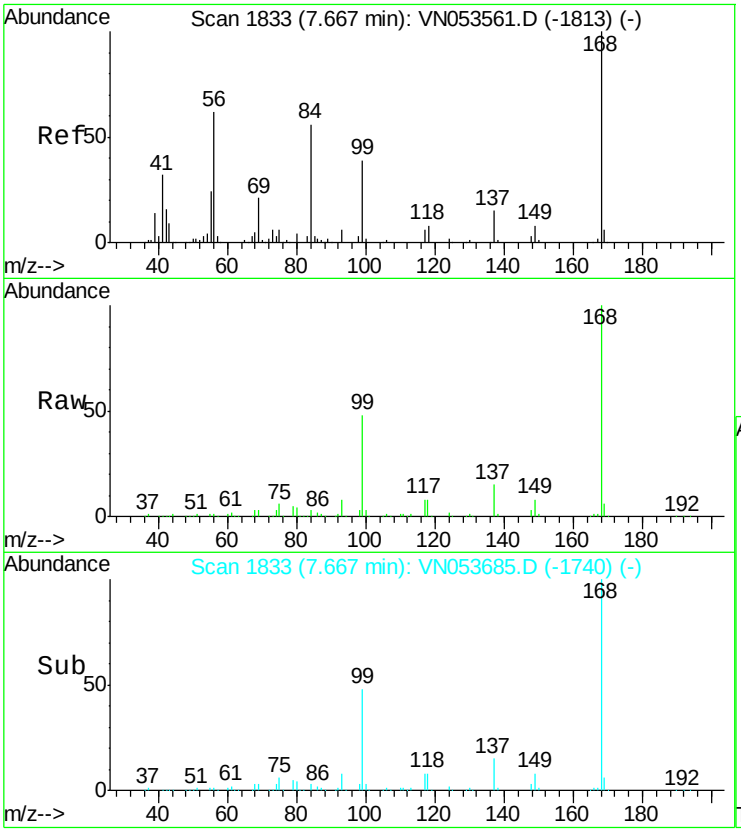
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020819\
Data File : VN053685.D
Acq On : 8 Feb 2019 16:51
Operator : JC/SP
Sample : K1349-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 09 02:37:13 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



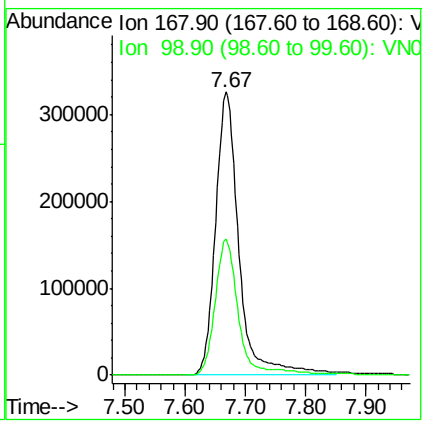


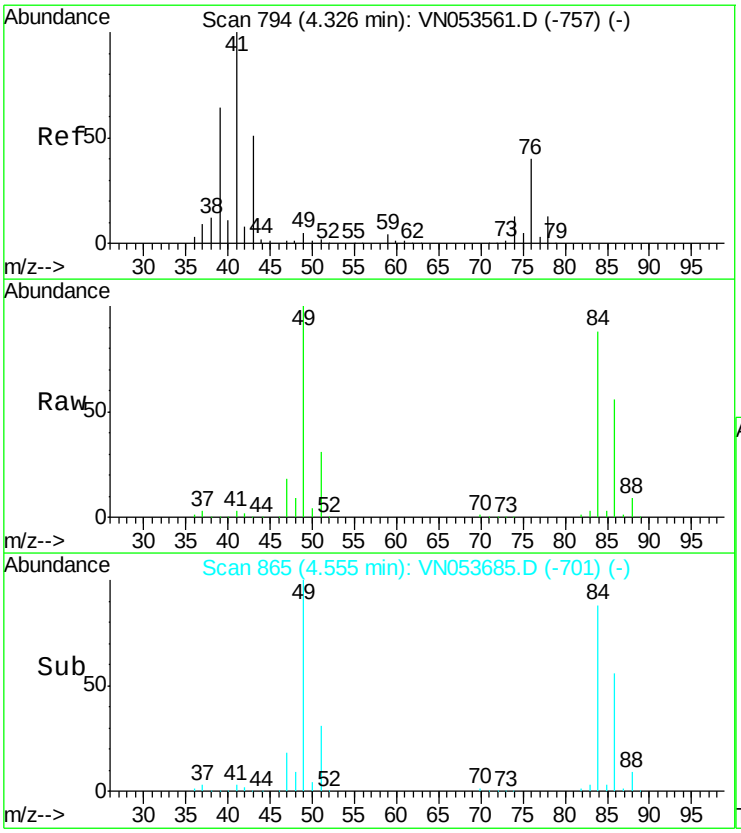
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 870165

Ion	Ratio	Lower	Upper
168	100		
99	47.9	39.1	58.7

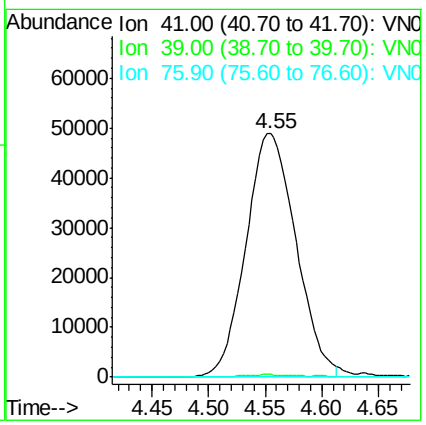


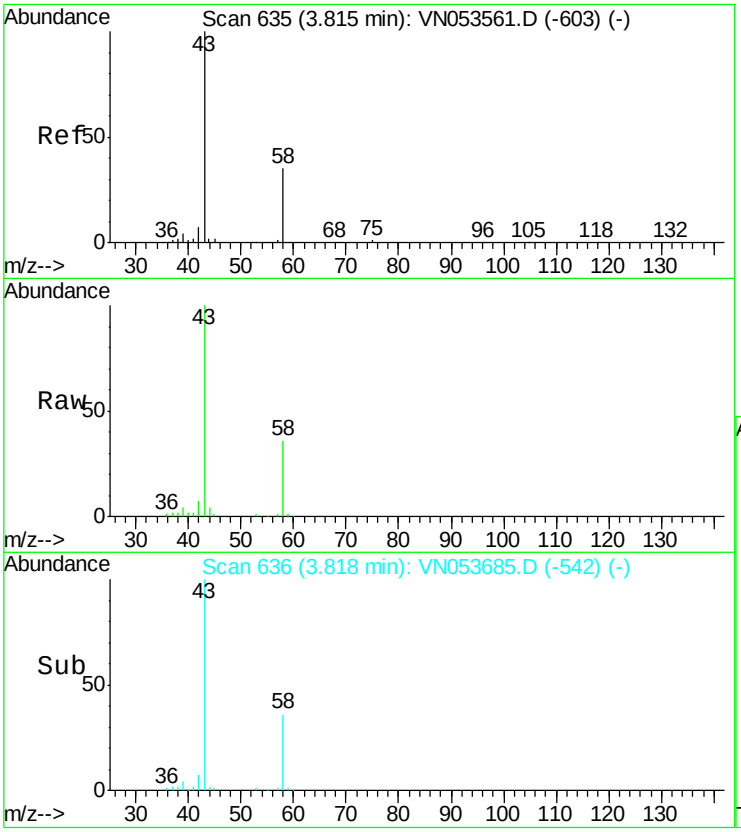


#14
Allyl chloride
Concen: 11.710 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 41 Resp: 150234

Ion	Ratio	Lower	Upper
41	100		
39	0.7	48.9	73.3#
76	0.0	29.4	44.2#



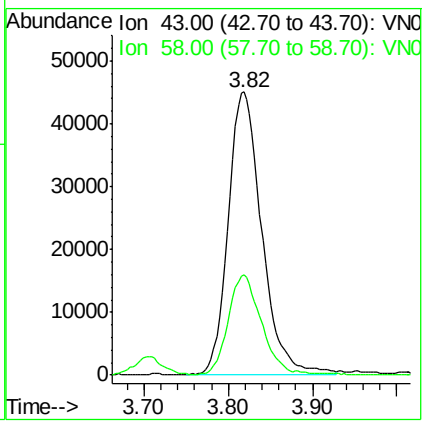


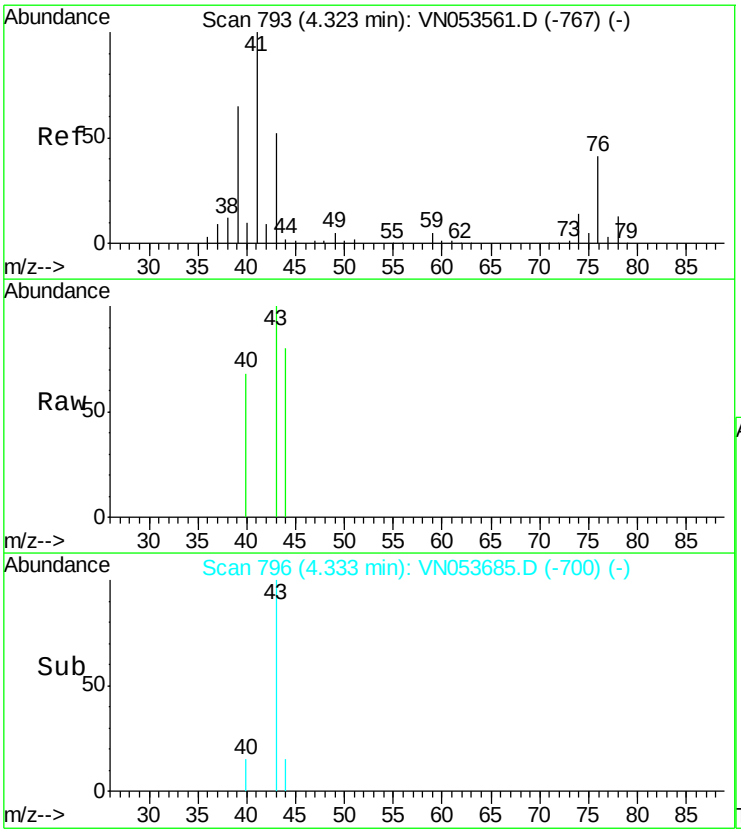
#16
Acetone
Concen: 55.922 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 125217

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.1	40.7

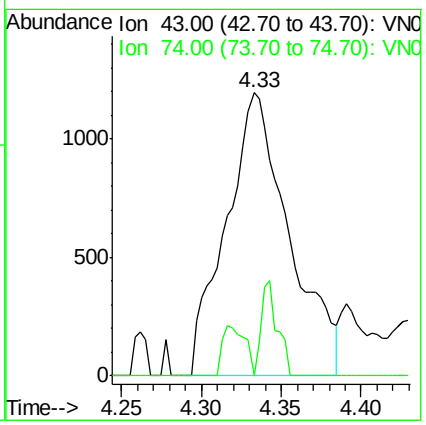


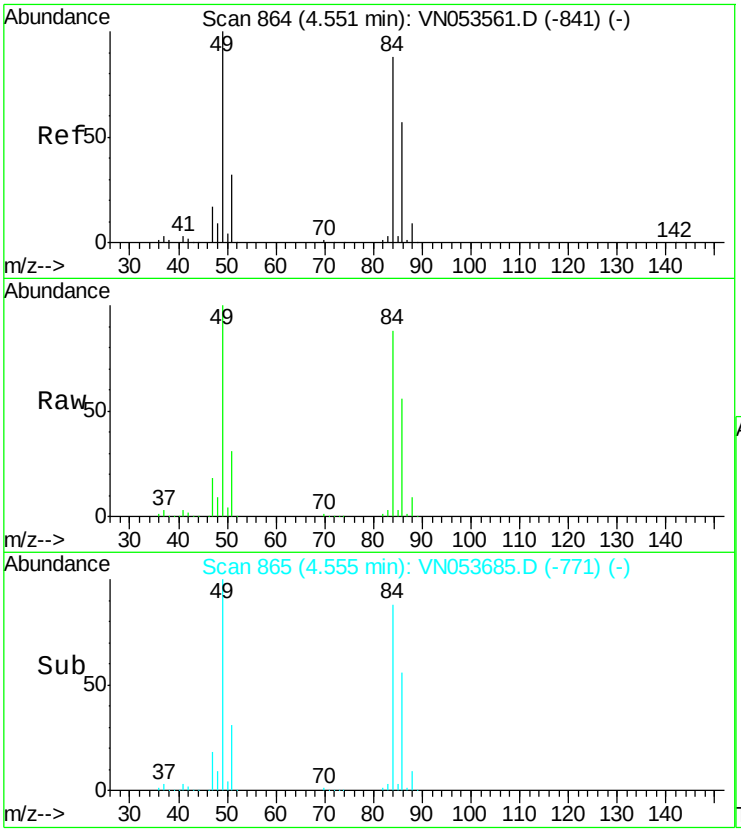


#18
Methyl Acetate
Concen: 0.489 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 3243

Ion	Ratio	Lower	Upper
43	100		
74	8.7	19.4	29.2#



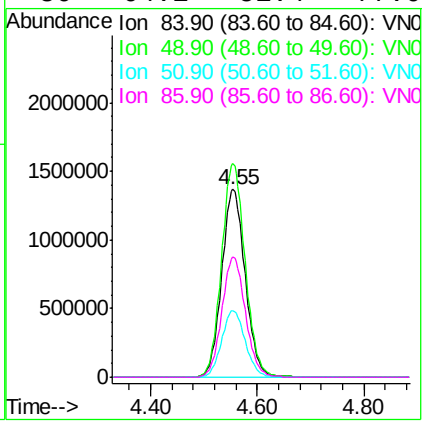


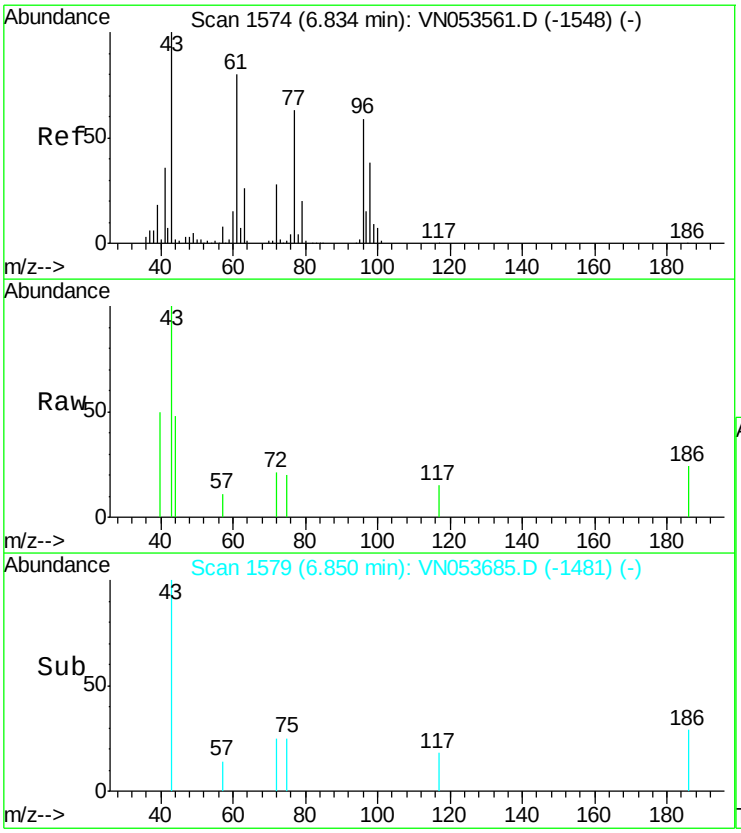
#20
Methylene Chloride
Concen: 445.315 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 4183297

Ion	Ratio	Lower	Upper
84	100		
49	113.6	94.3	141.5
51	35.4	29.4	44.2
86	64.1	51.4	77.0

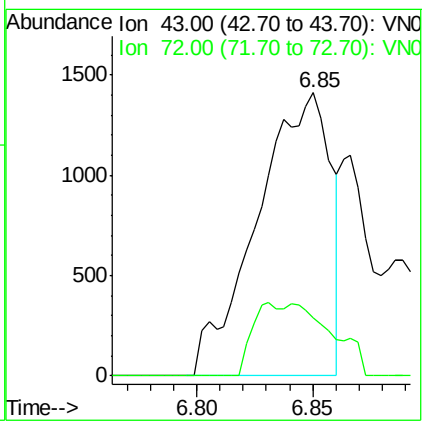


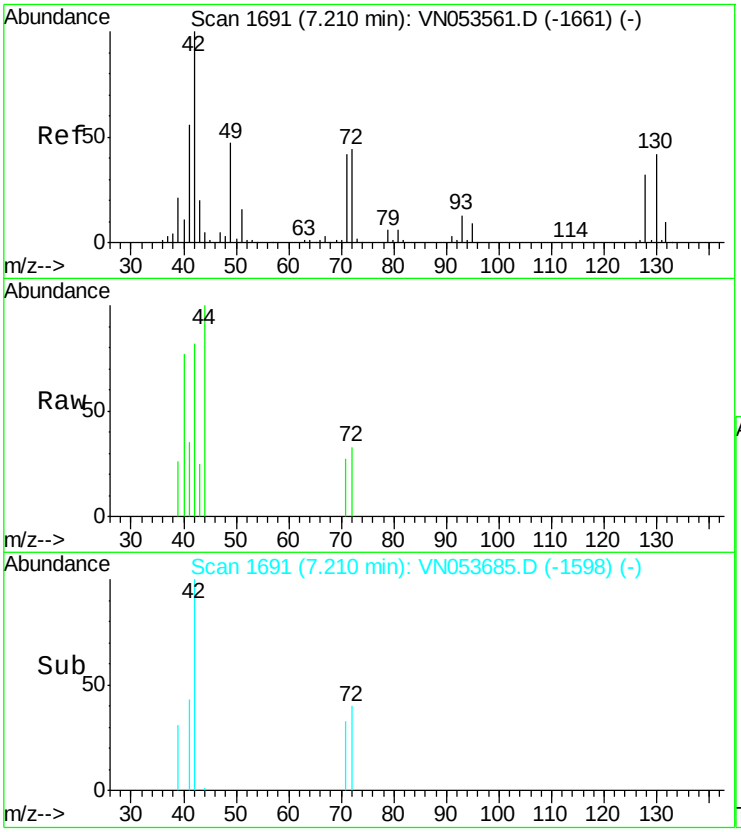


#25
2-Butanone
Concen: 0.973 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 3107

Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.0	33.0#



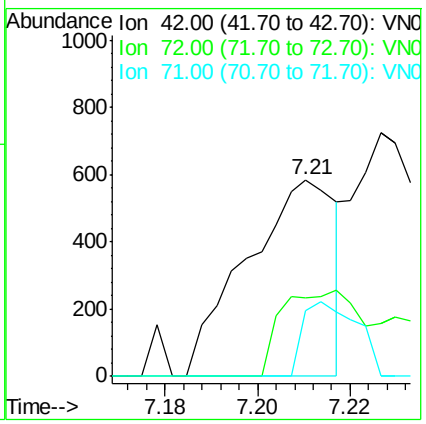


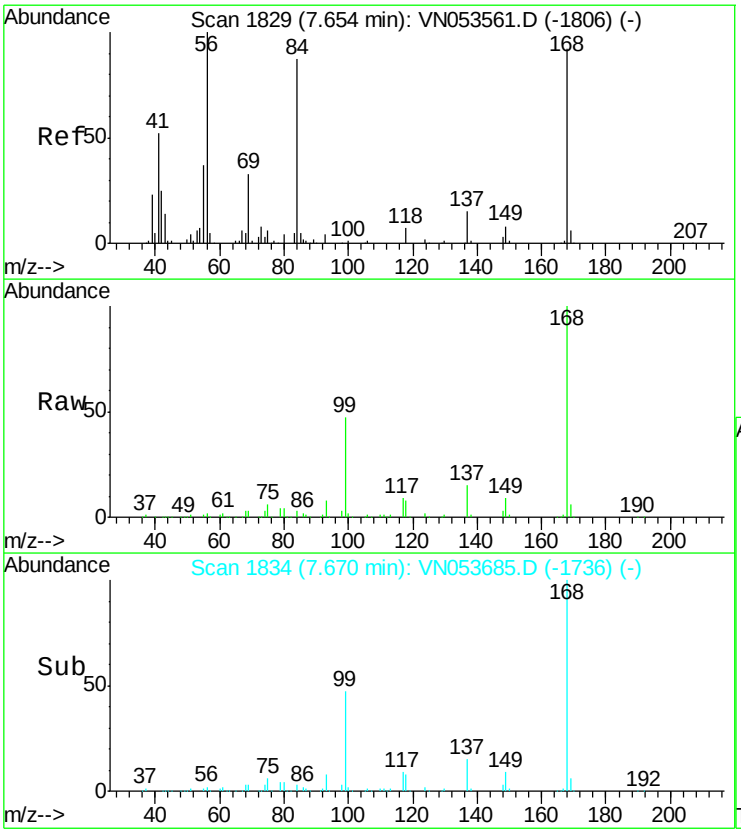
#29
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 782

Ion	Ratio	Lower	Upper
42	100		
72	49.7	35.2	52.8
71	22.9	33.0	49.4#

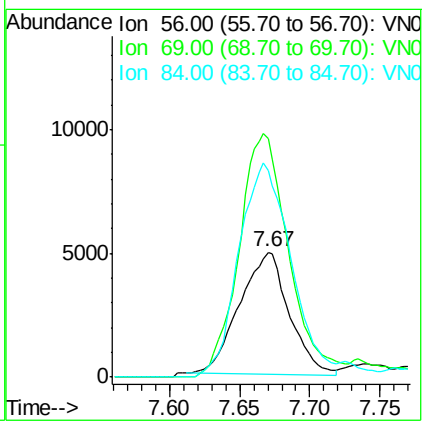


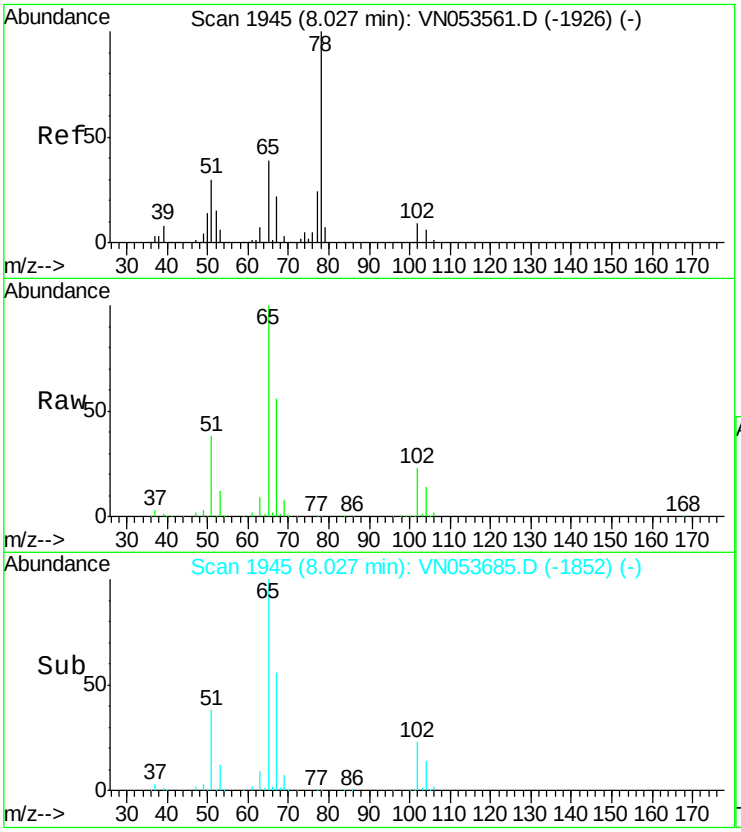


#31
Cyclohexane
Concen: 0.662 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 56 Resp: 12246

Ion	Ratio	Lower	Upper
56	100		
69	196.5	26.4	39.6#
84	169.6	67.9	101.9#



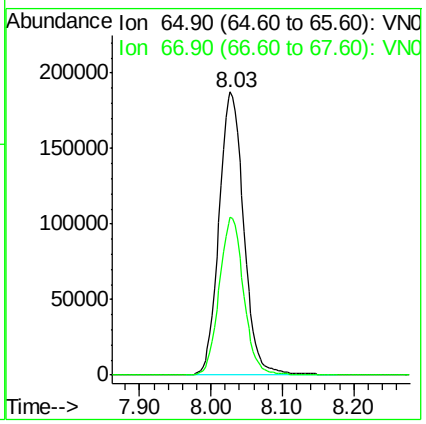


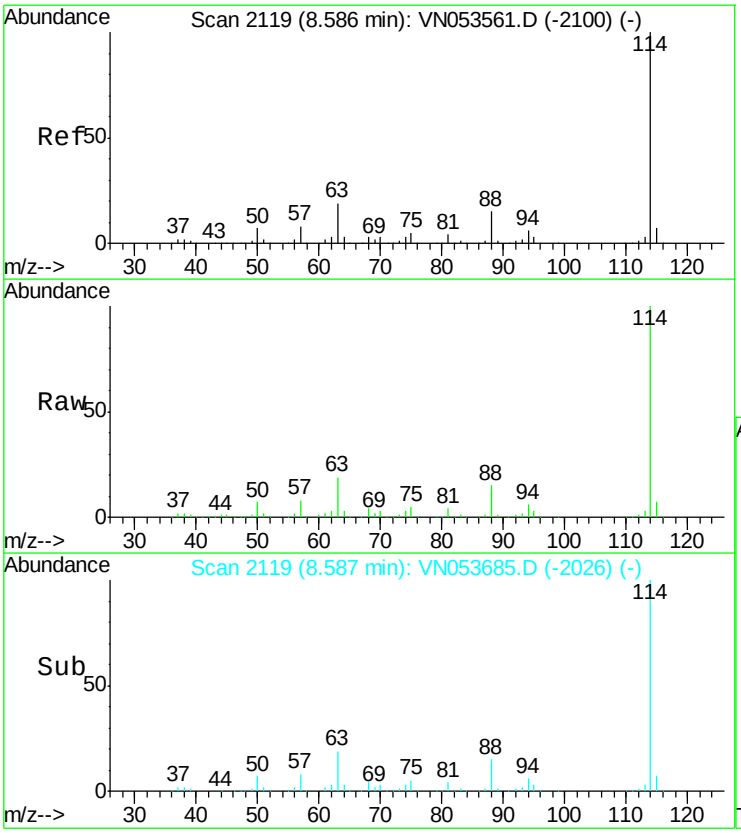
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 452115

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.2

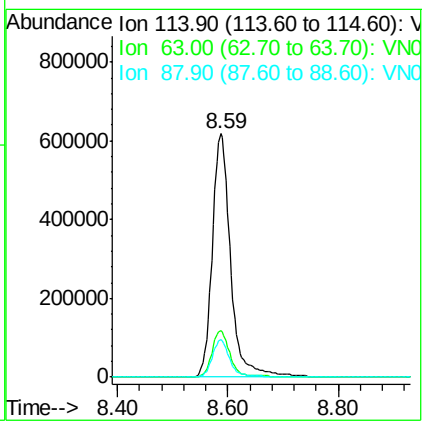


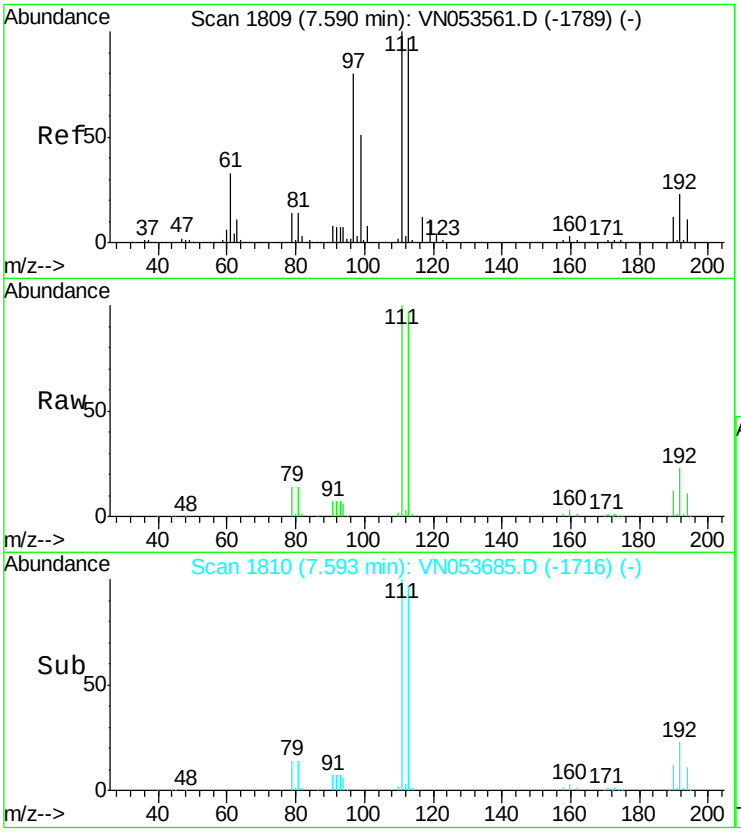


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:114 Resp: 1423743

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	15.3	0.0	30.4



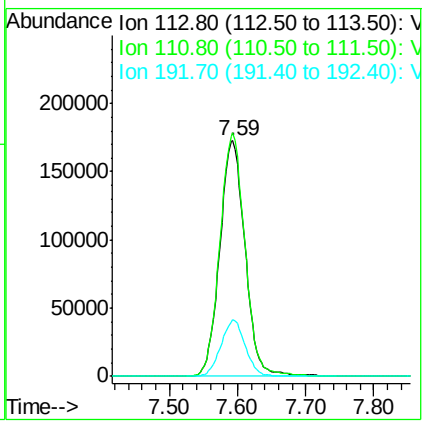


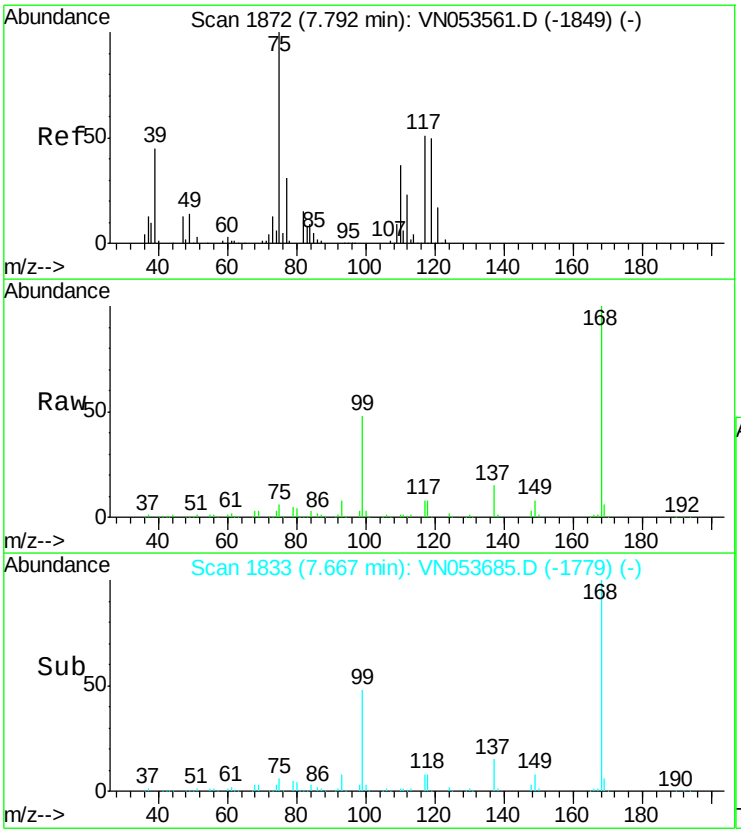
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 444812

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.1	18.2	27.2

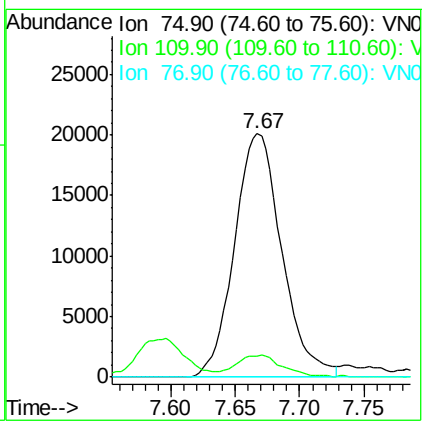


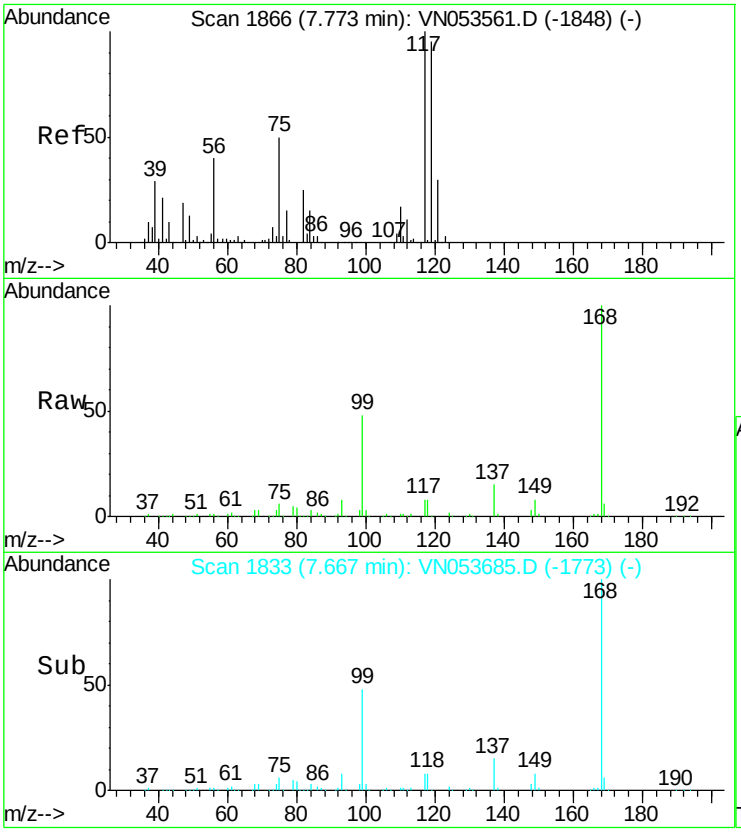


#36
1,1-Dichloropropene
Concen: 4.013 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 75 Resp: 51498

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



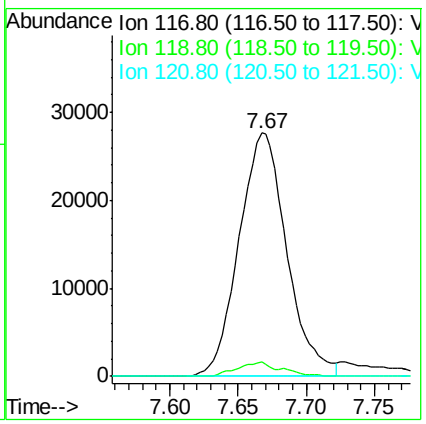


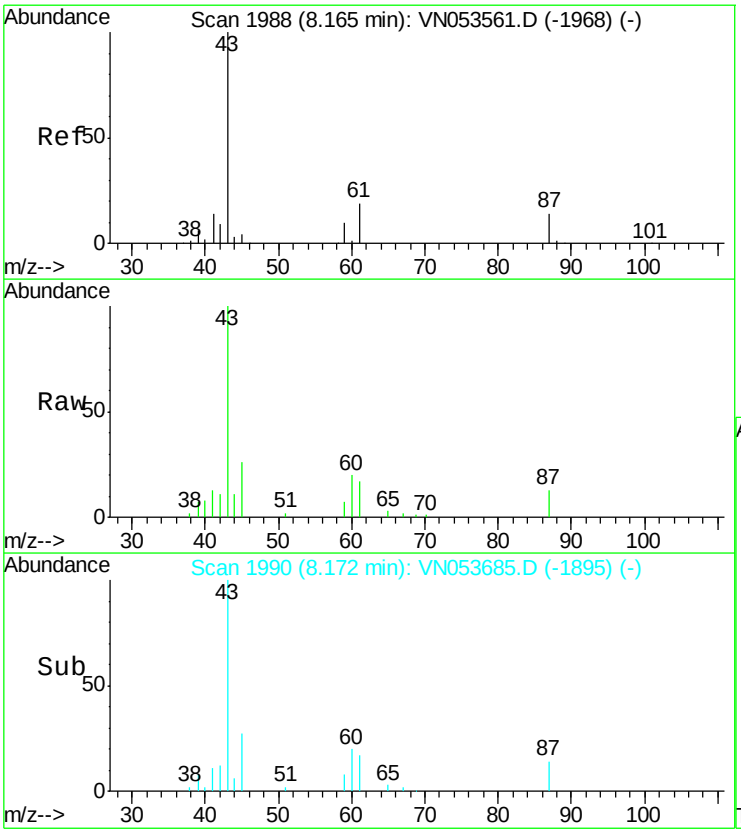
#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 67240

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.2	115.8#
121	0.0	24.6	37.0#

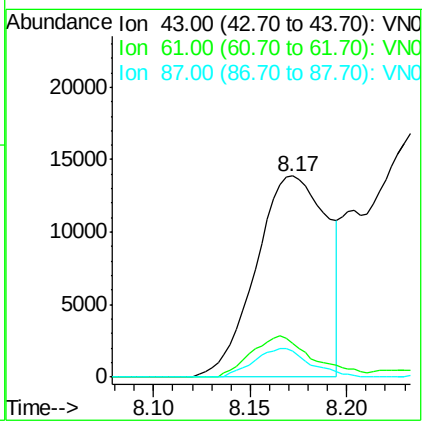


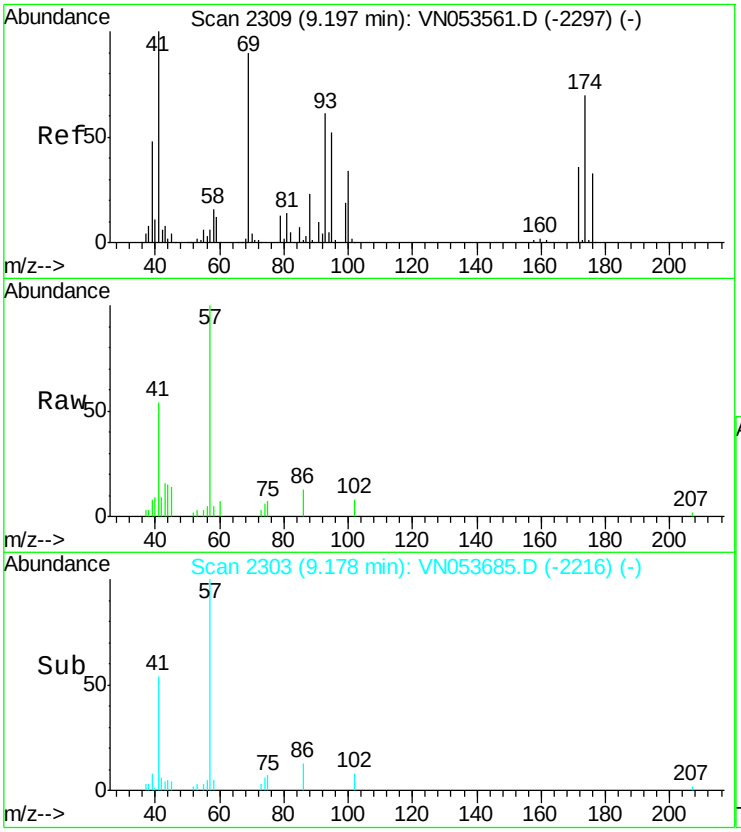


#43
Isopropyl Acetate
Concen: 2.579 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 35694

Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.9	35.9#
87	11.0	11.0	16.6#



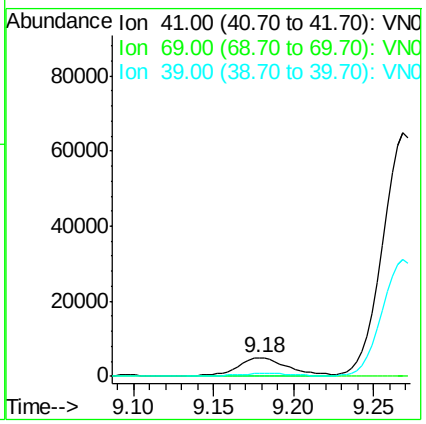


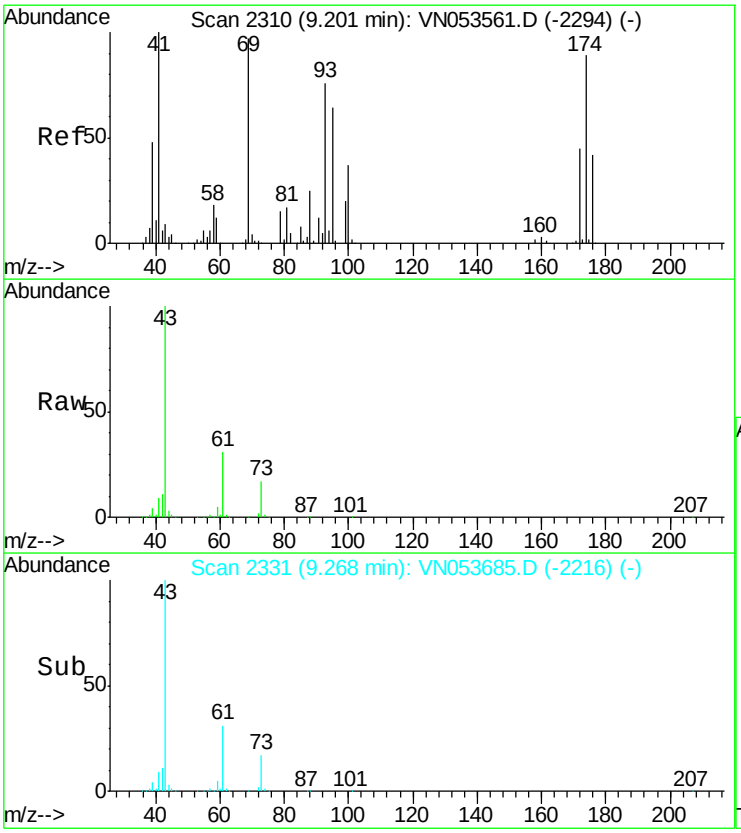
#48
Methyl methacrylate
Concen: 1.549 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 10238

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

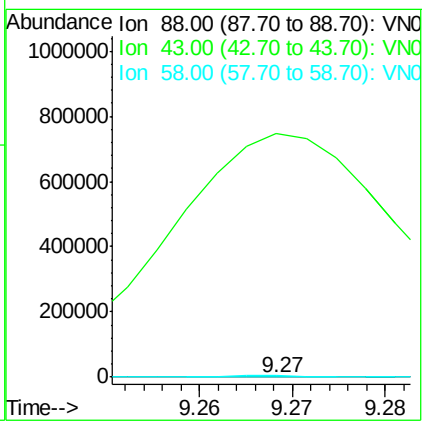


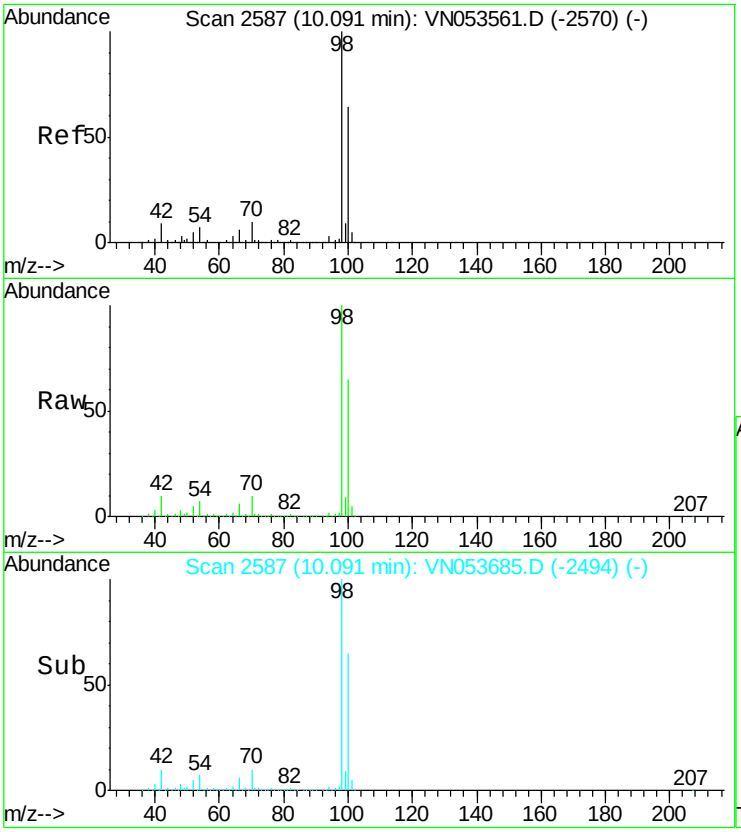


#49
1,4-Dioxane
Concen: 39.821 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	2142958.3	27.8	41.6#
58	9551.4	56.5	84.7#



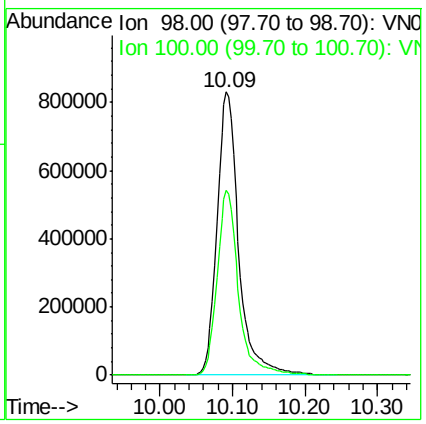


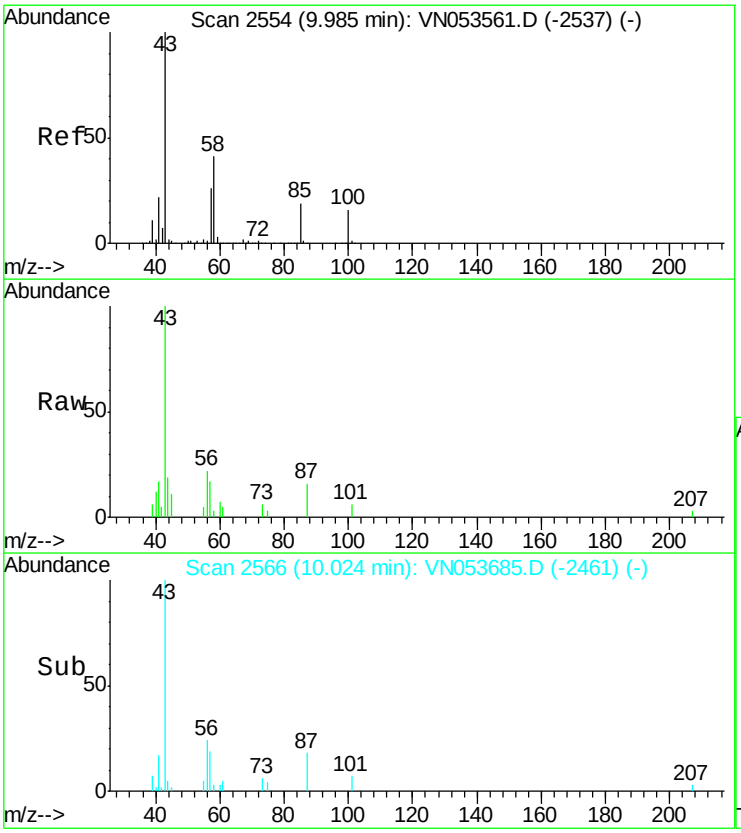
#50
Toluene-d8
Concen: 39.821 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 1712989

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0

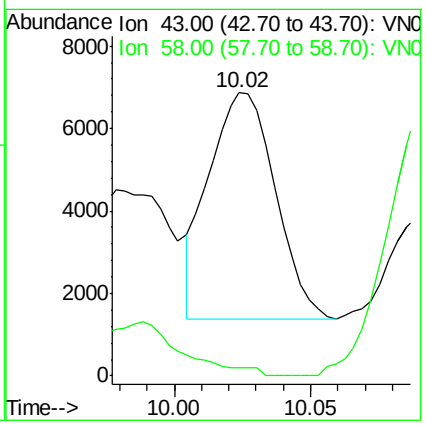


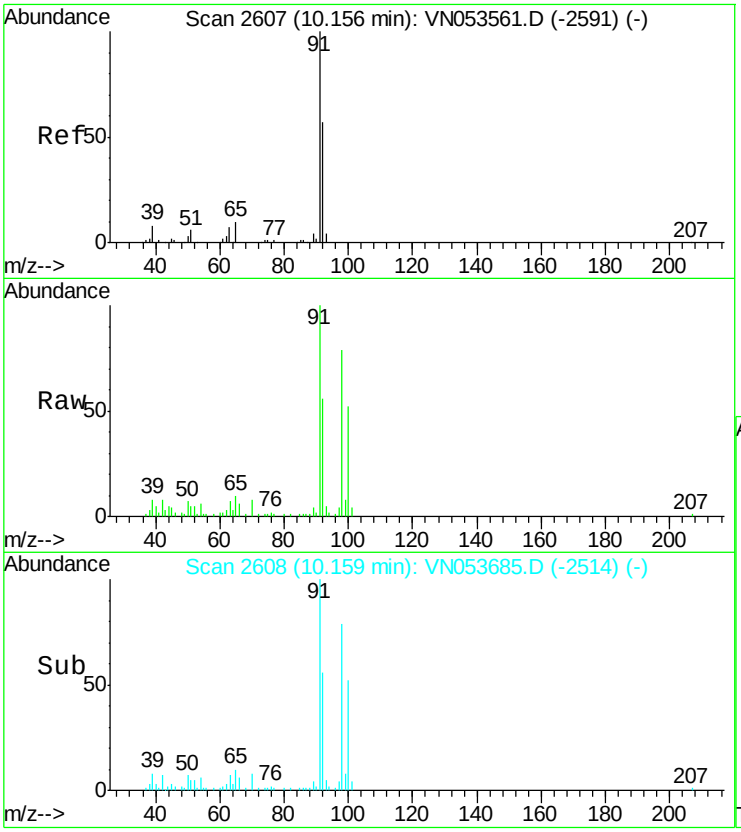


#51
4-Methyl-2-Pentanone
Concen: 1.360 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 9253

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#



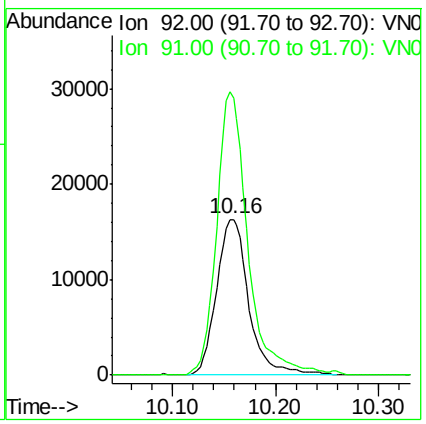


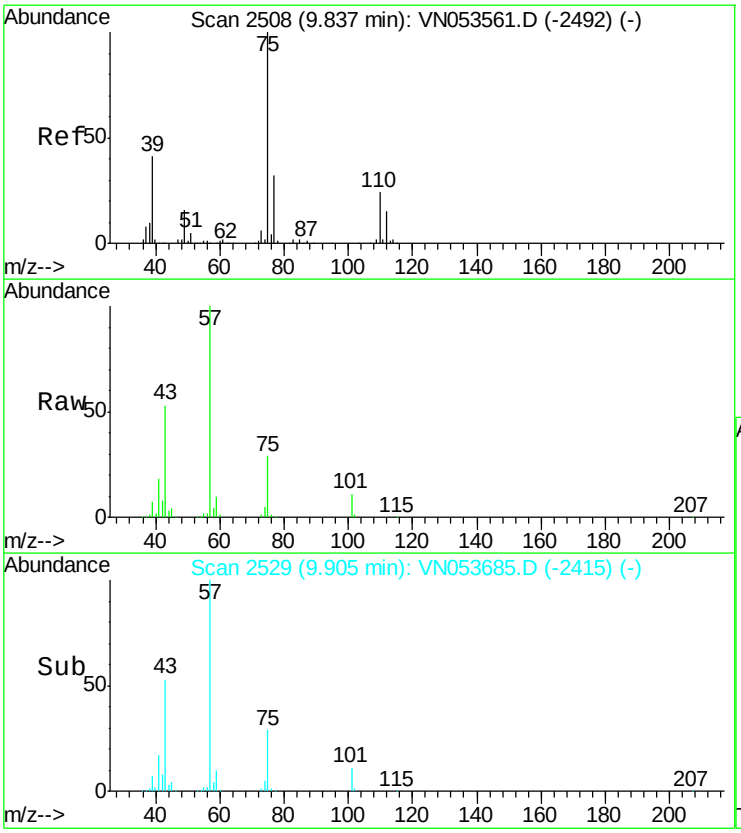
#52
Toluene
Concen: 1.515 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 35577

Ion	Ratio	Lower	Upper
92	100		
91	174.7	139.9	209.9

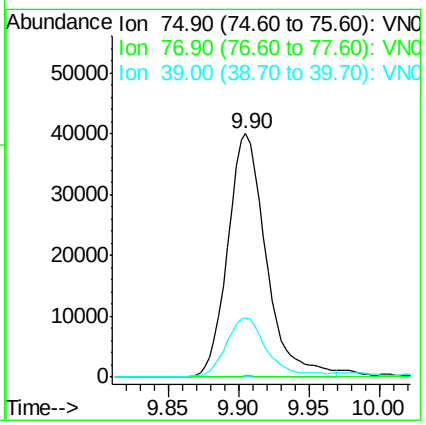


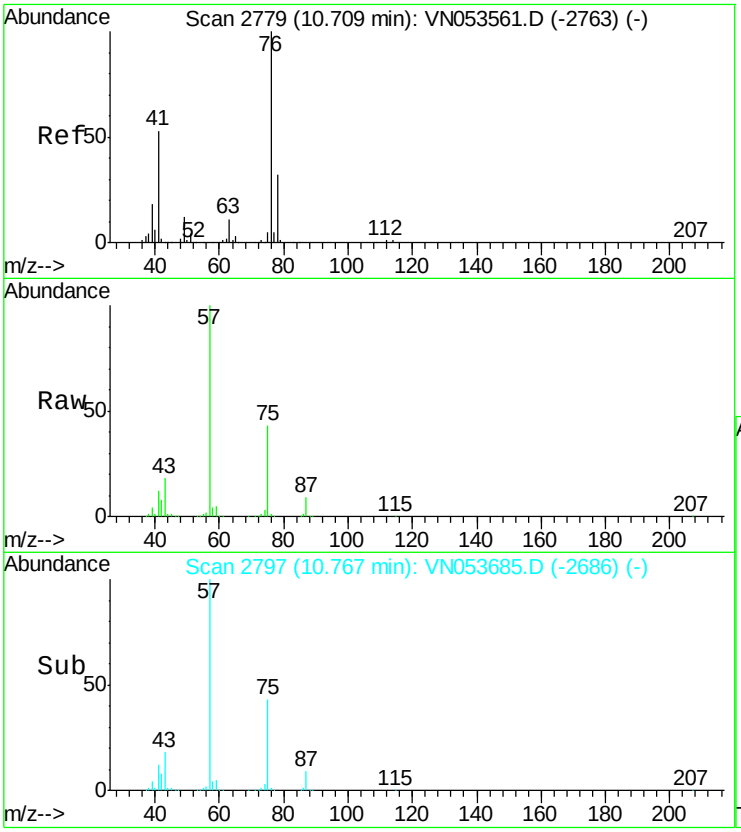


#54
cis-1,3-Dichloropropene
Concen: 5.073 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 75 Resp: 76368

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	24.4	33.4	50.0#



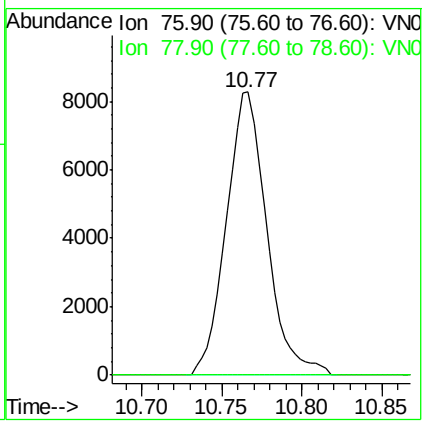


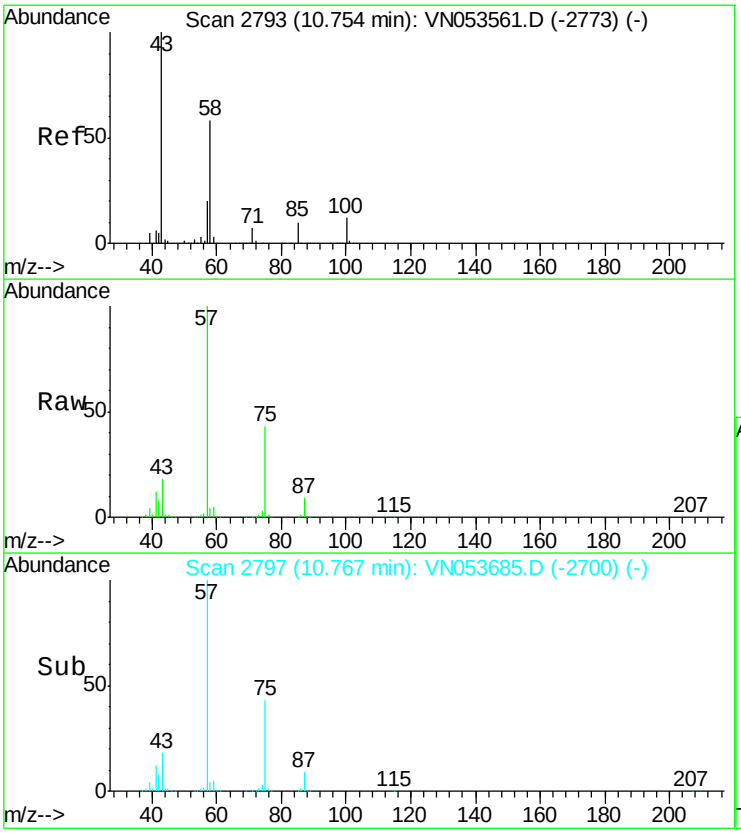
#57
1,3-Dichloropropane
Concen: 0.986 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 14270

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

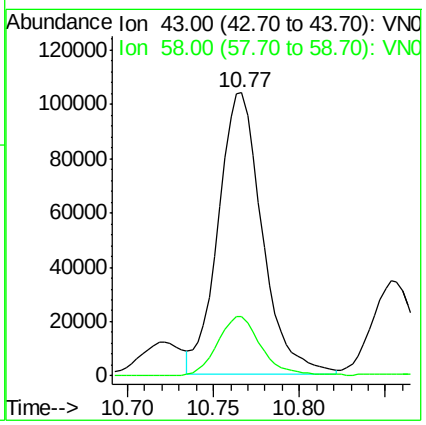


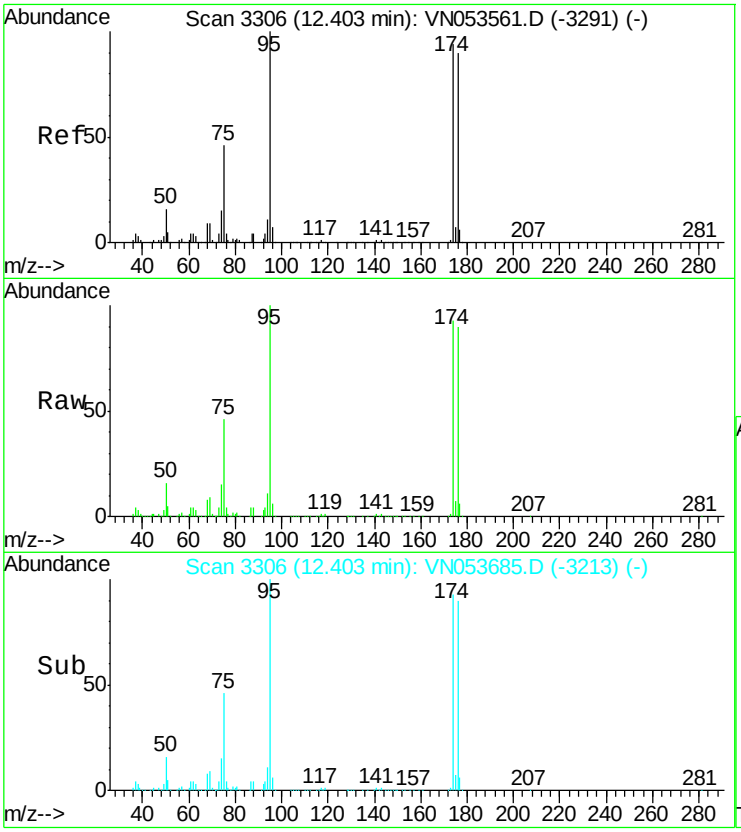


#59
2-Hexanone
Concen: 40.130 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 43 Resp: 185319

Ion	Ratio	Lower	Upper
43	100		
58	21.2	28.6	85.8#



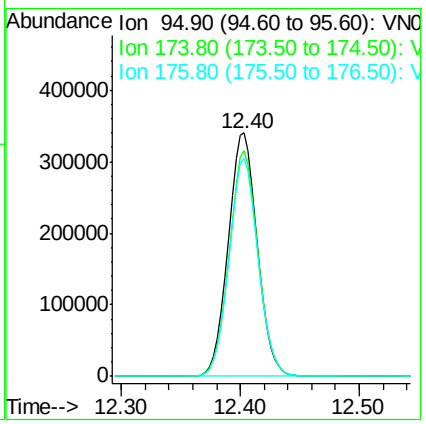


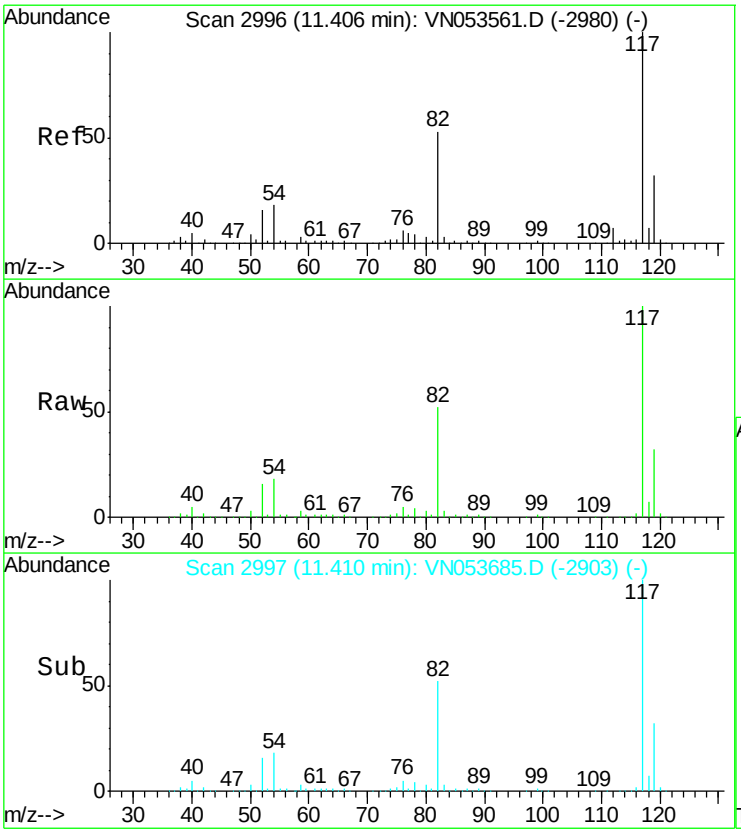
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 574744

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	183.2
176	89.1	0.0	177.4

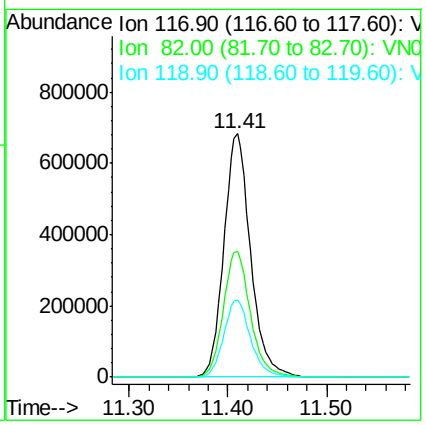


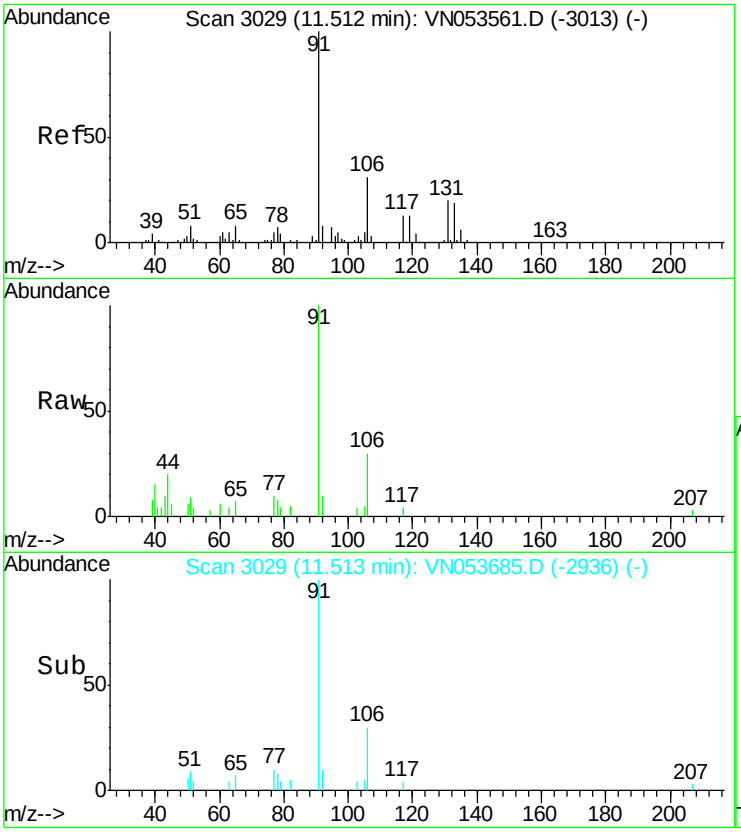


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:117 Resp: 1290437

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.9	64.3
119	31.9	26.0	39.0



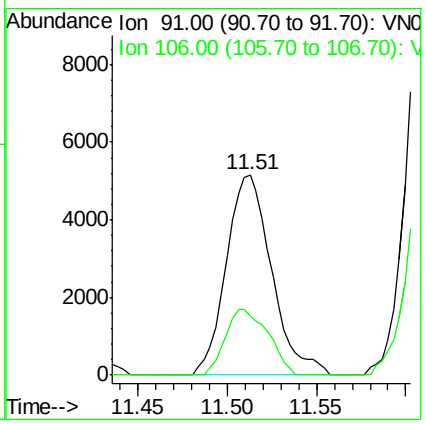


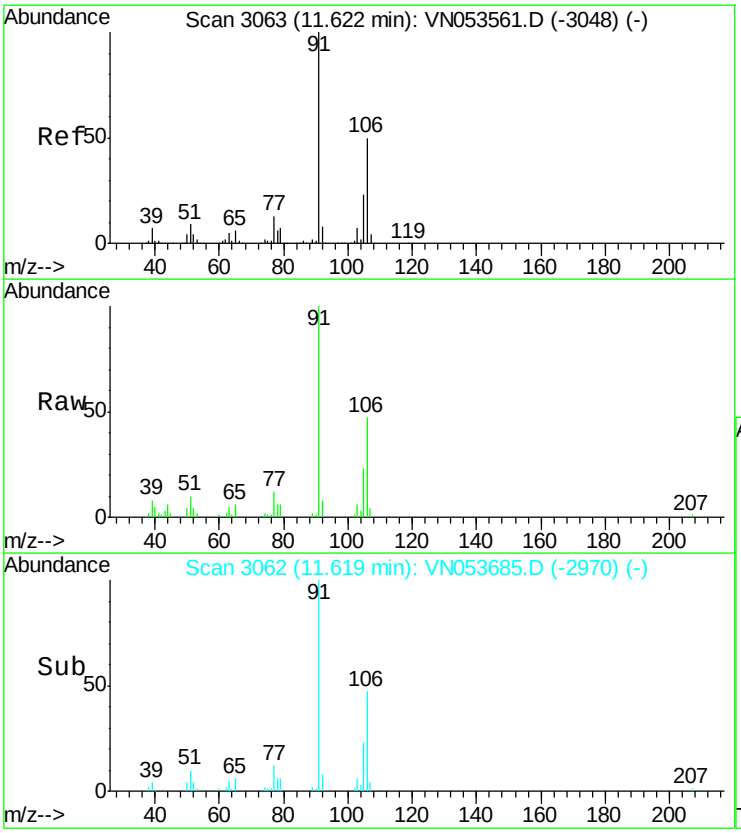
#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 9109

Ion	Ratio	Lower	Upper
91	100		
106	29.9	25.0	37.6

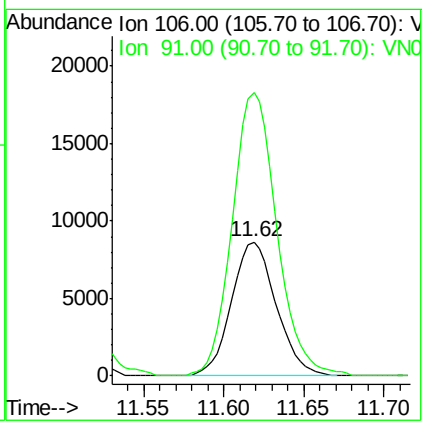


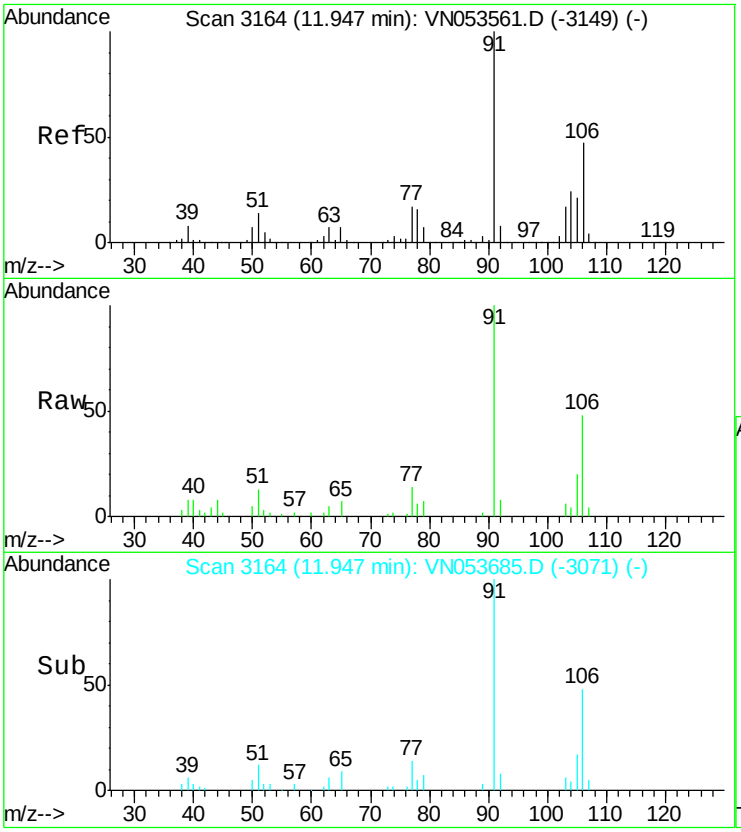


#68
m/p-Xylenes
Concen: 0.961 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:106 Resp: 16509

Ion	Ratio	Lower	Upper
106	100		
91	210.6	161.4	242.2



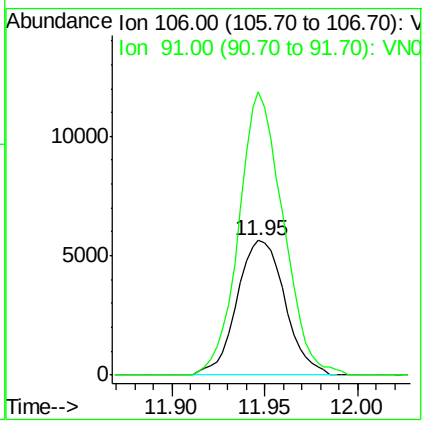


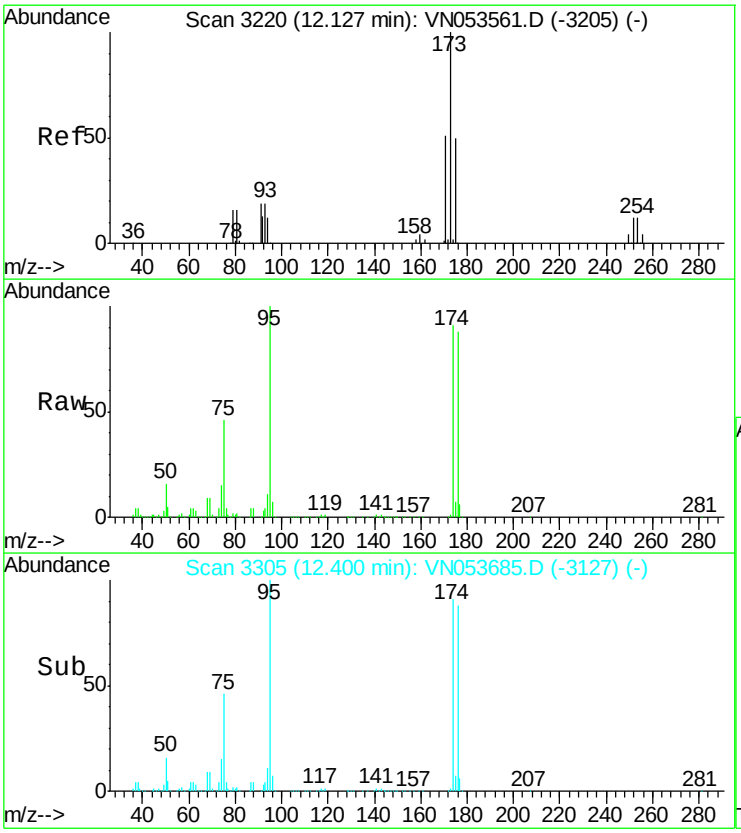
#69
o-Xylene
Concen: 0.613 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 10185

Ion	Ratio	Lower	Upper
106	100		
91	194.6	106.9	320.8

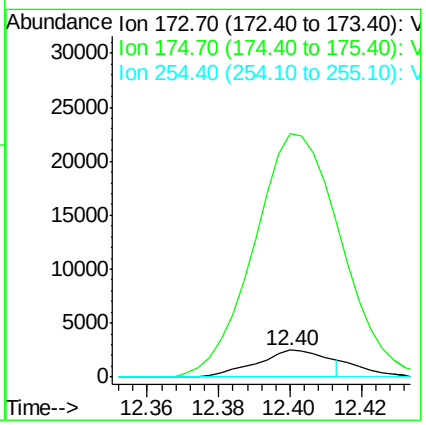


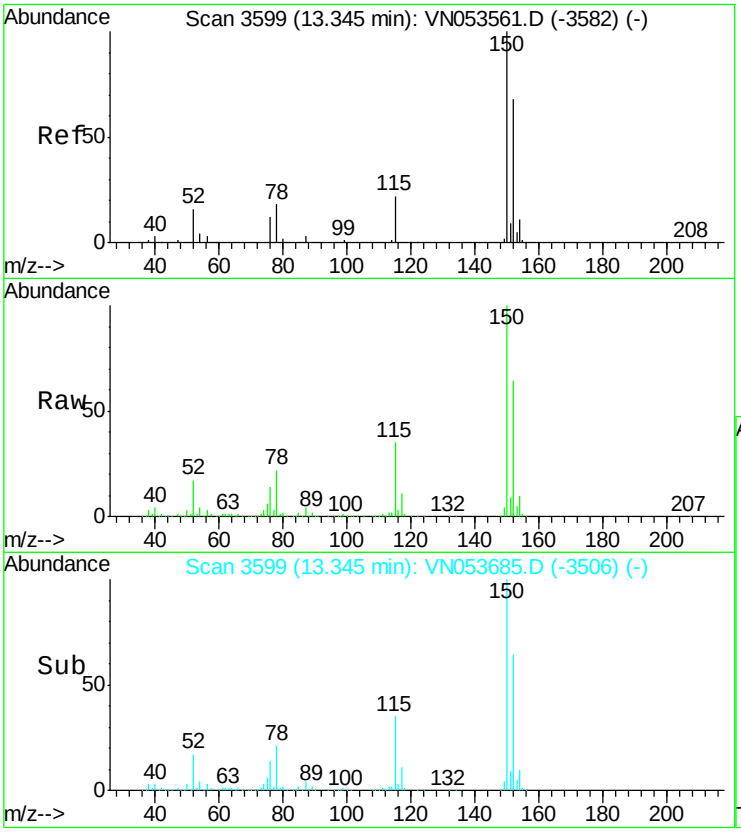


#71
Bromoform
Concen: 0.524 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:173 Resp: 3441

Ion	Ratio	Lower	Upper
173	100		
175	952.3	24.6	74.0#
254	0.0	0.2	0.2#



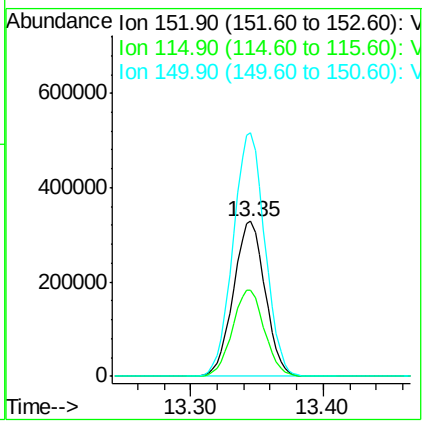


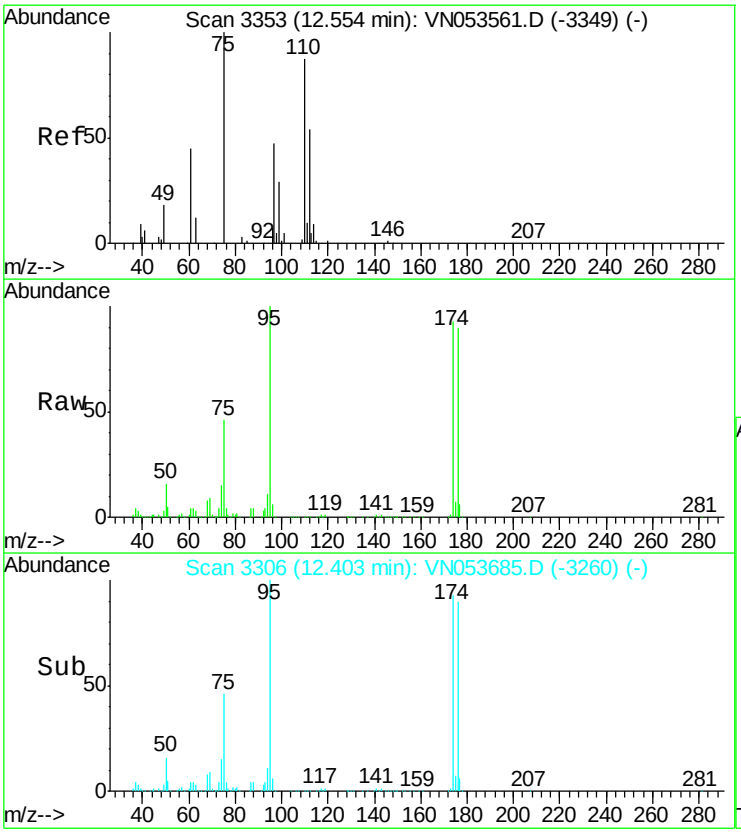
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 544524

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.4
150	158.0	0.0	349.0

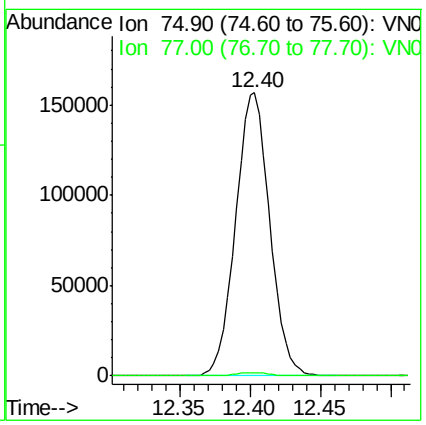


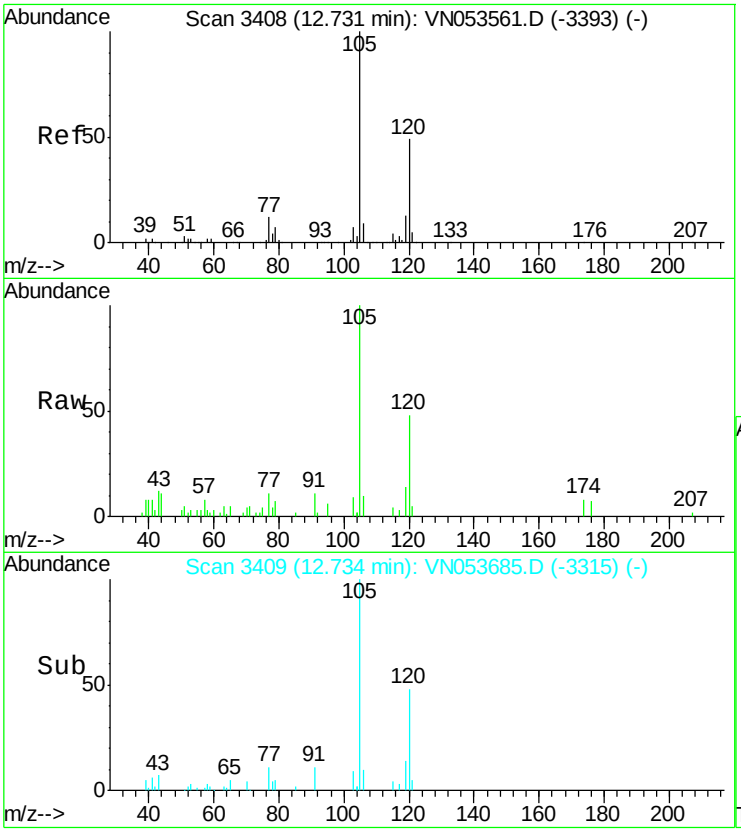


#76
1,2,3-Trichloropropane
Concen: 37.979 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 75 Resp: 265627

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



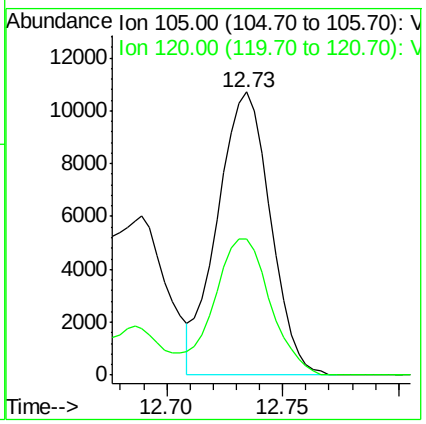


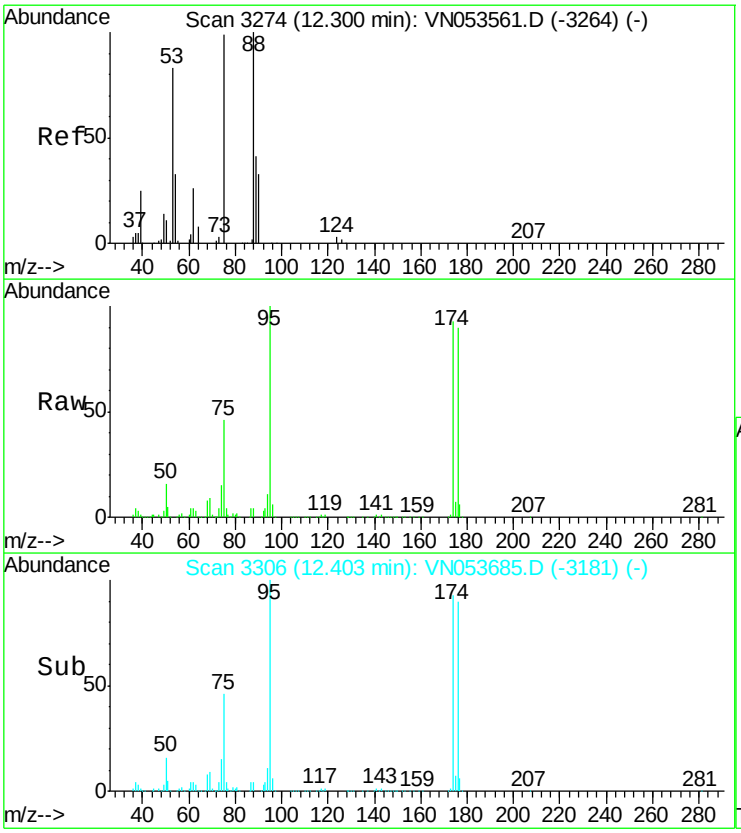
#80
1,3,5-Trimethylbenzene
Concen: 0.536 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 17030

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.9	74.6

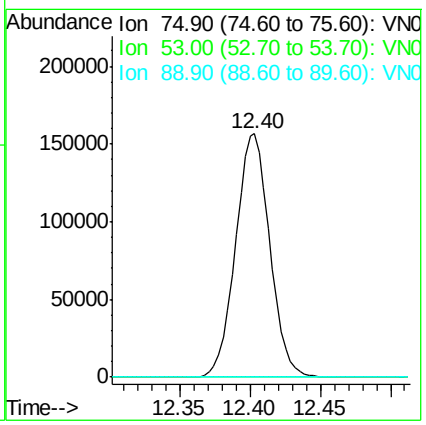


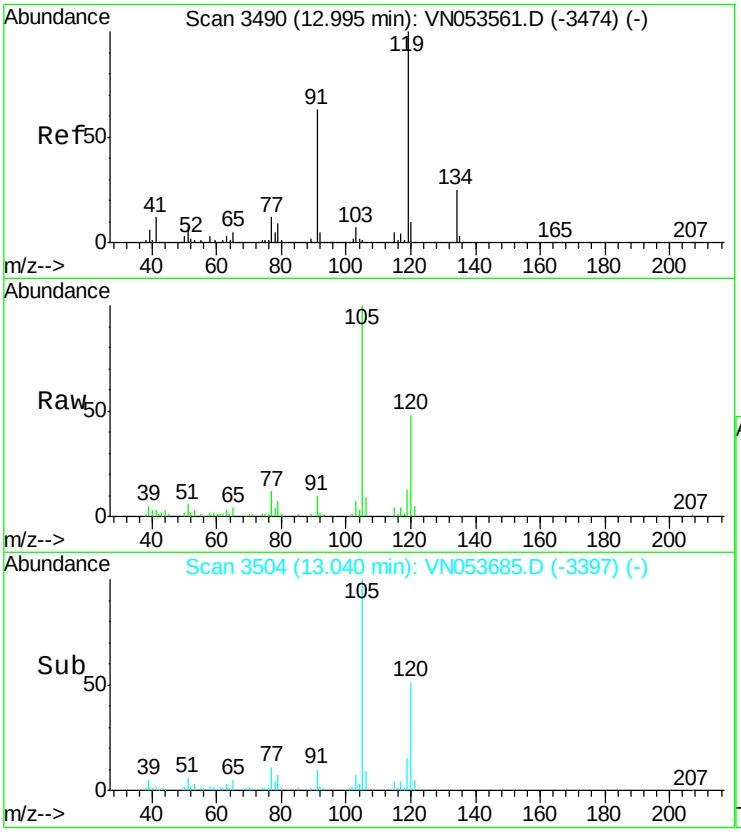


#81
trans-1,4-Dichloro-2-butene
Concen: 106.794 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion: 75 Resp: 265627

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



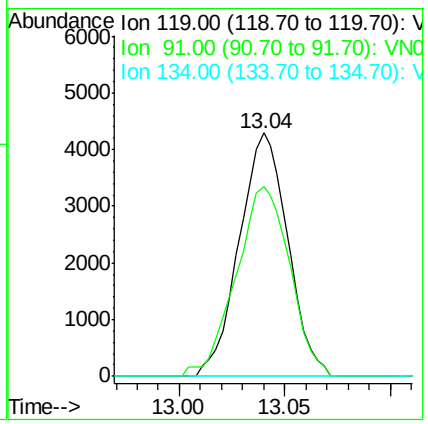


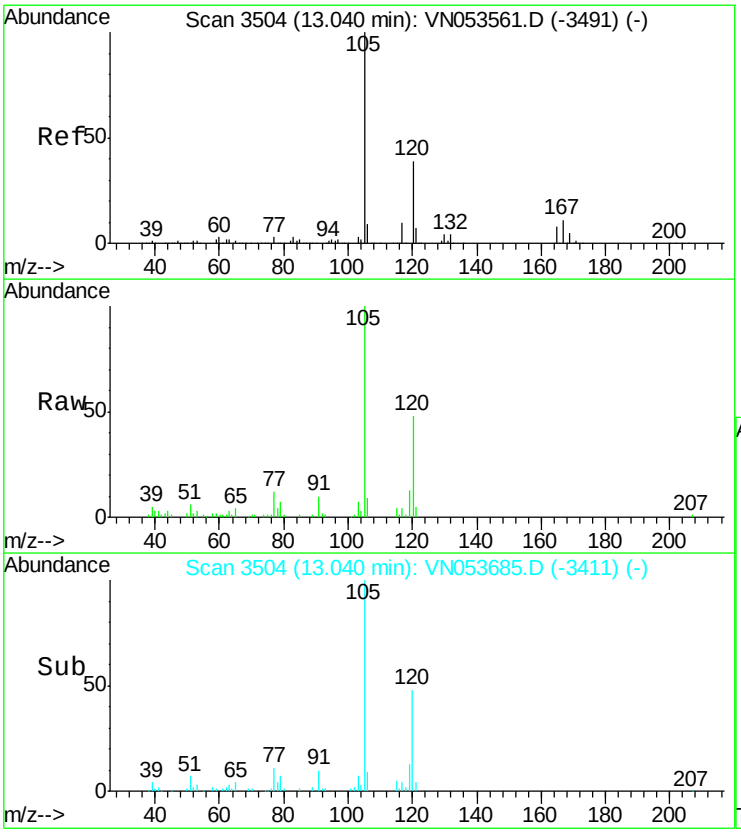
#83
tert-Butylbenzene
Concen: 0.244 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 6858

Ion	Ratio	Lower	Upper
119	100		
91	86.4	31.3	93.8
134	0.0	12.9	38.7#

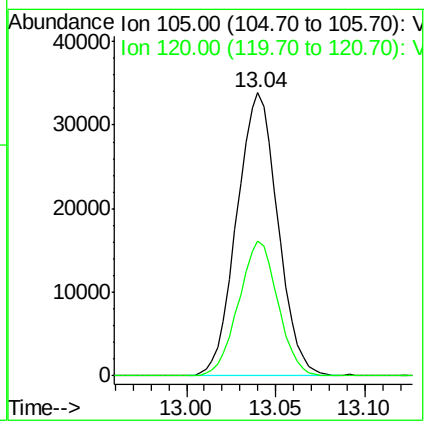


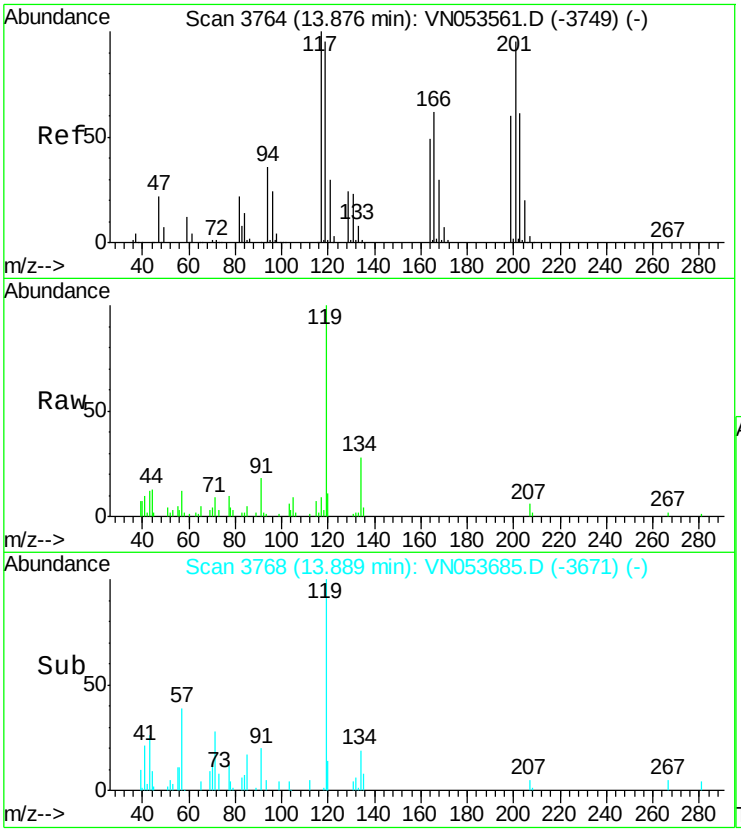


#84
1,2,4-Trimethylbenzene
Concen: 1.686 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:105 Resp: 54511

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0



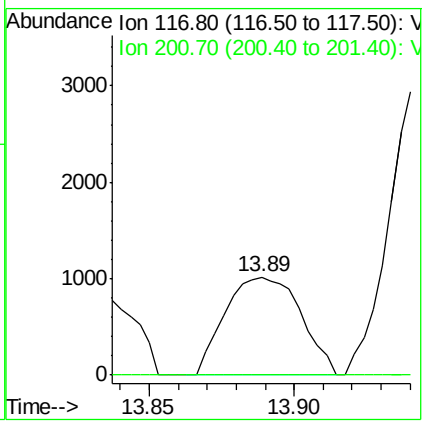


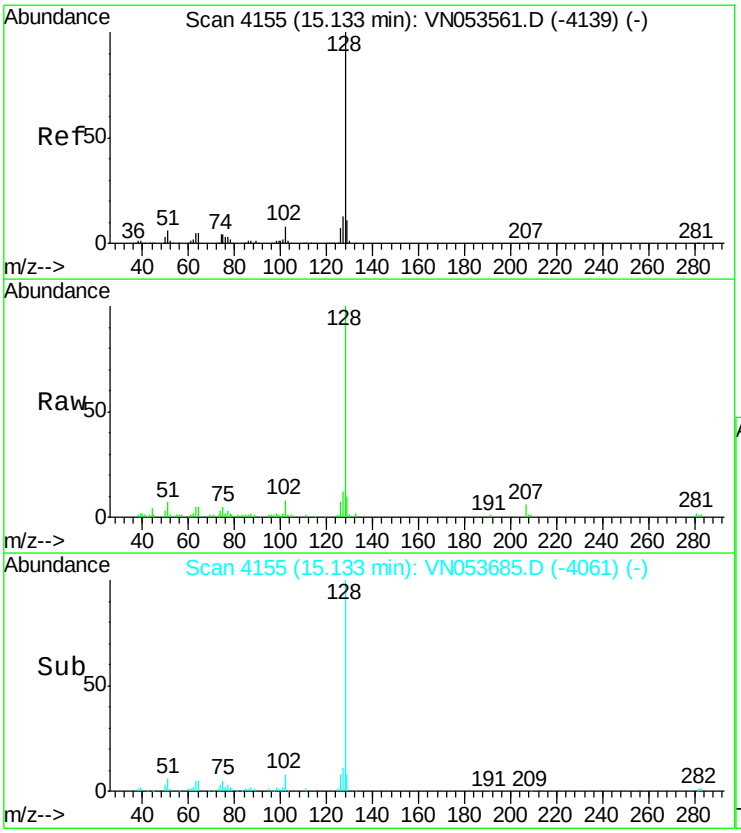
#90
Hexachloroethane
Concen: 0.334 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 1841

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.8	140.4#





#95
Naphthalene
Concen: 4.176 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053685.D
Acq: 8 Feb 2019 16:51

Tgt Ion:128 Resp: 60459

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.3	8.6	13.0