Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101918\
Data File : VN051945.D
Acq On : 19 Oct 2018 14:00
Operator : MD\SY
Sample : PB113937ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Quant Time: Oct 19 23:07:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	950545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1393747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1210059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	519436	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.90%			
35) Dibromofluoromethane	7.59	113	513738	57.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.98%			
50) Toluene-d8	10.09	98	1900079	58.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.86%			
62) 4-Bromofluorobenzene	12.40	95	513728	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.46%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	2244	Below Cal	#	73
10) Methyl Iodide	3.94	142	79	3.289	ug/l #	41
13) Acrolein	3.59	56	29	Below Cal	#	1
16) Acetone	3.82	43	11038	7.074	ug/l	96
18) Methyl Acetate	4.34	43	8396	Below Cal		100
20) Methylene Chloride	4.55	84	5575	0.703	ug/l #	84
25) 2-Butanone	6.83	43	604	0.271	ug/l #	41
29) Tetrahydrofuran	7.22	42	939	0.689	ug/l #	76
31) Cyclohexane	7.66	56	15781	Below Cal	#	51
36) 1,1-Dichloropropene	7.67	75	60427	5.586	ug/l #	47
37) Ethyl Acetate	6.92	43	179	Below Cal	#	64
38) Carbon Tetrachloride	7.67	117	87141	6.840	ug/l #	15
43) Isopropyl Acetate	8.17	43	310207	31.067	ug/l #	85
48) Methyl methacrylate	9.18	41	6579	1.507	ug/l #	6
51) 4-Methyl-2-Pentanone	9.99	43	1267	0.252	ug/l #	33
54) cis-1,3-Dichloropropene	9.90	75	3197	0.271	ug/l #	72
59) 2-Hexanone	10.77	43	17120	5.070	ug/l #	59
60) Dibromochloromethane	10.63	129	69	2.057	ug/l #	11
71) Bromoform	12.40	173	4614	3.871	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	261941	52.409	ug/l #	100
79) 2-Chlorotoluene	12.68	91	354	Below Cal	#	36
81) trans-1,4-Dichloro-2-buten	12.40	75	261941	172.219	ug/l #	14
95) Naphthalene	15.14	128	595	4.102	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.32	180	62	2.922	ug/l #	33

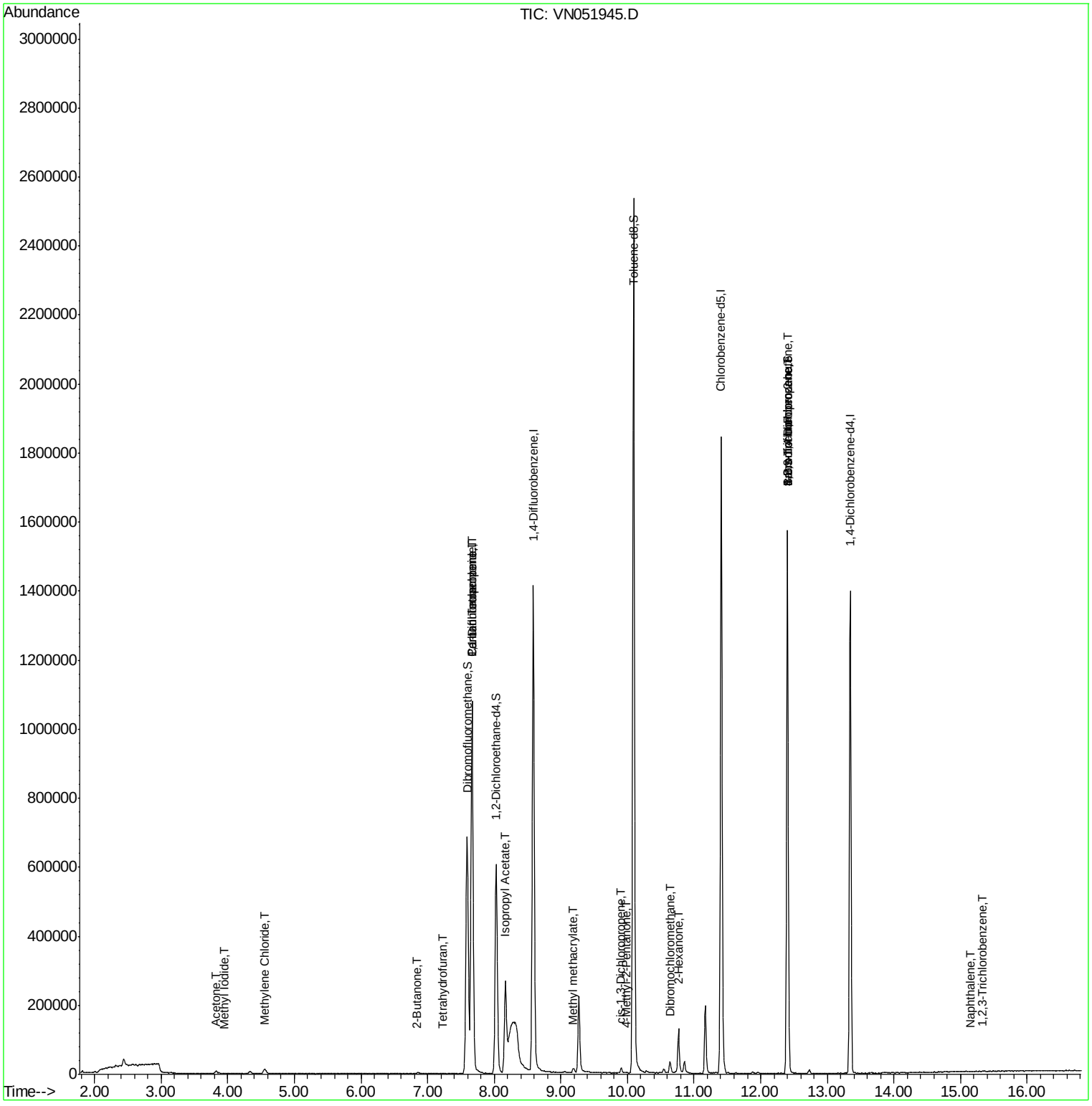
(#) = qualifier out of range (m) = manual integration (+) = signals summed

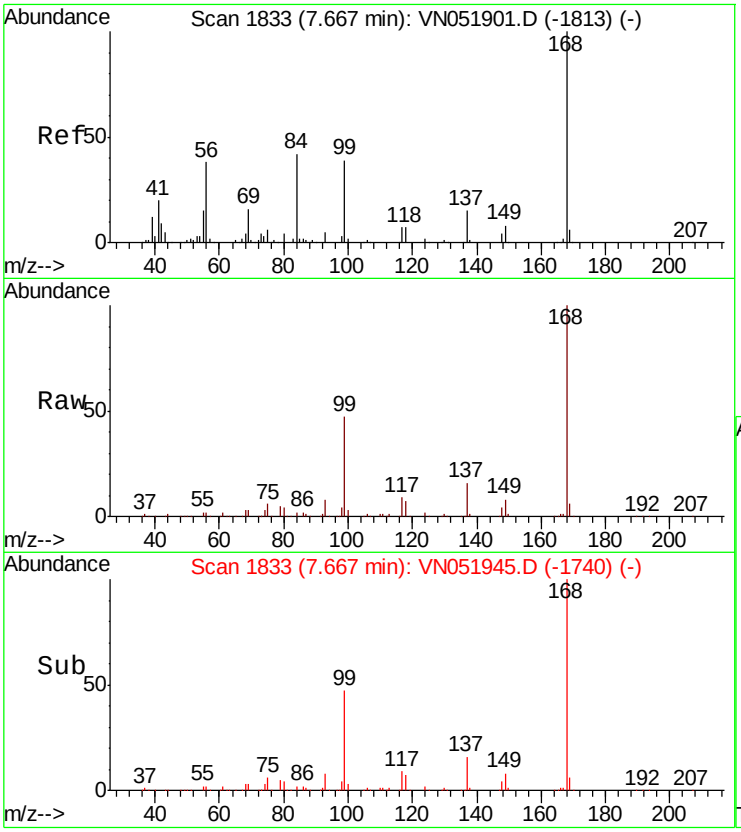
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101918\
Data File : VN051945.D
Acq On : 19 Oct 2018 14:00
Operator : MD\SY
Sample : PB113937ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Quant Time: Oct 19 23:07:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration



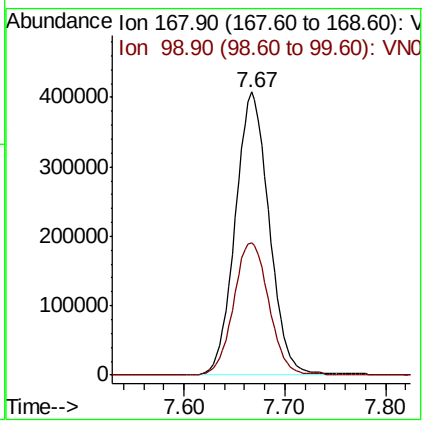


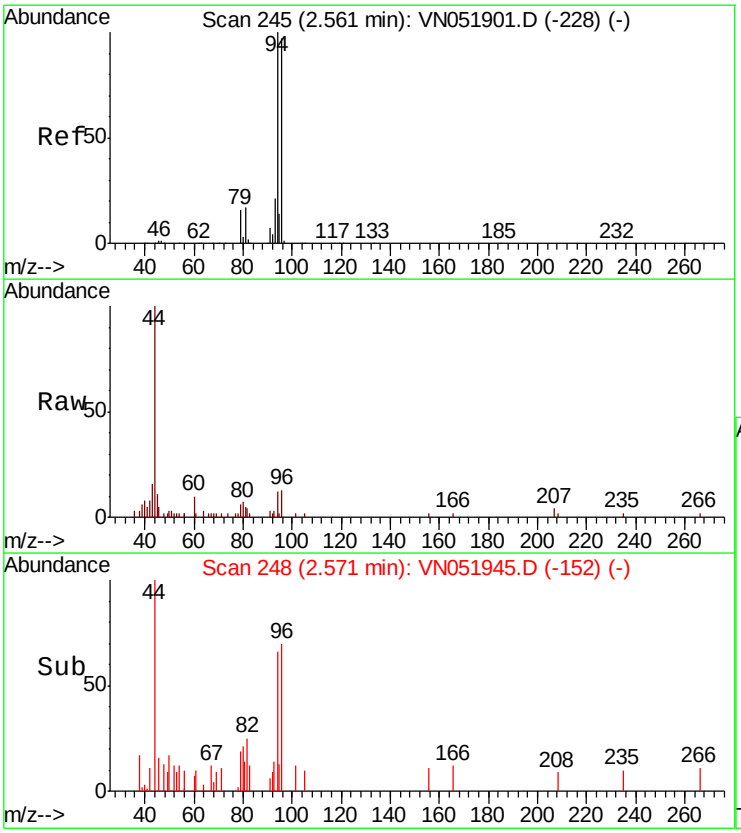
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion:168 Resp: 950545

Ion	Ratio	Lower	Upper
168	100		
99	46.9	39.2	58.8

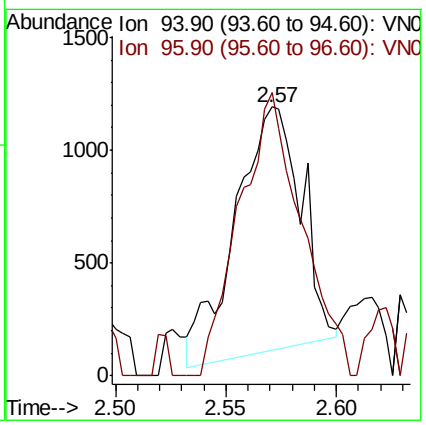


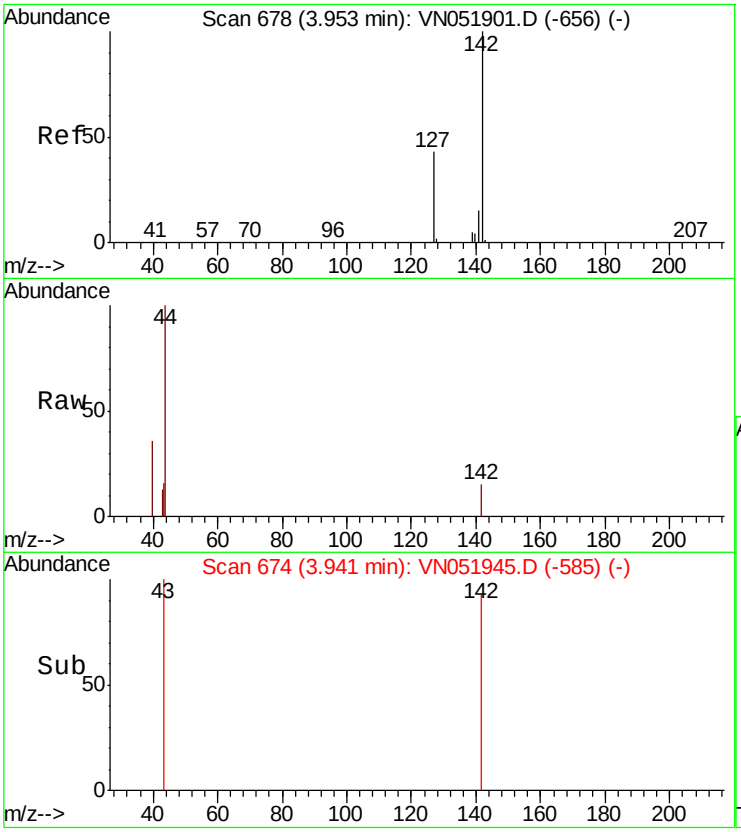


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 94 Resp: 2244

Ion	Ratio	Lower	Upper
94	100		
96	122.9	77.5	116.3#



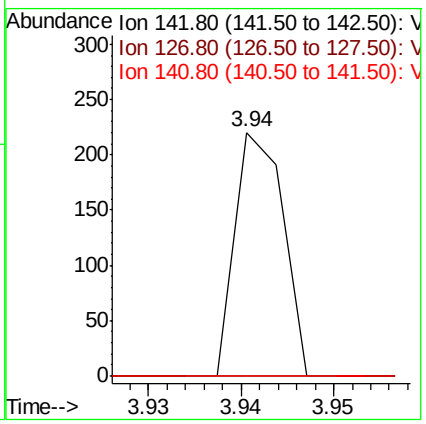


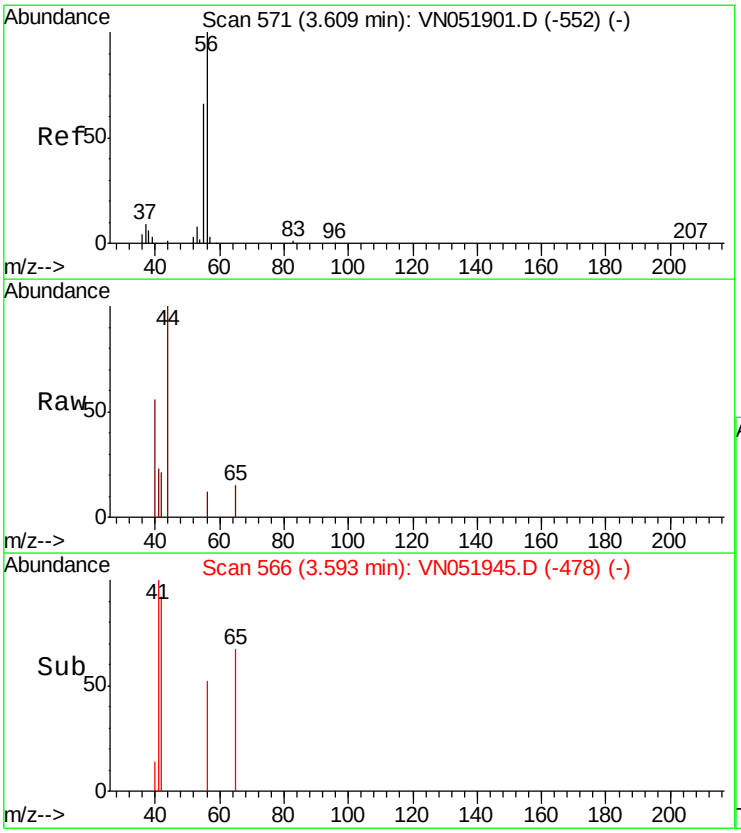
#10
Methyl Iodide
Concen: 3.289 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion:142 Resp: 79

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.3	51.5#
141	0.0	11.1	16.7#

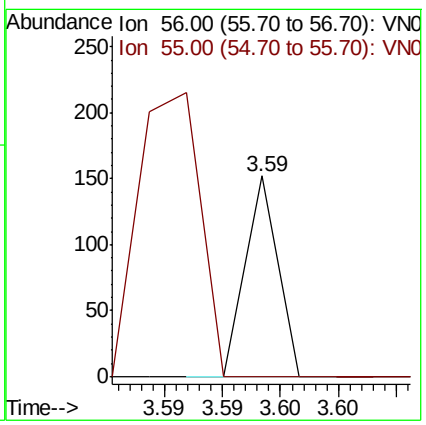


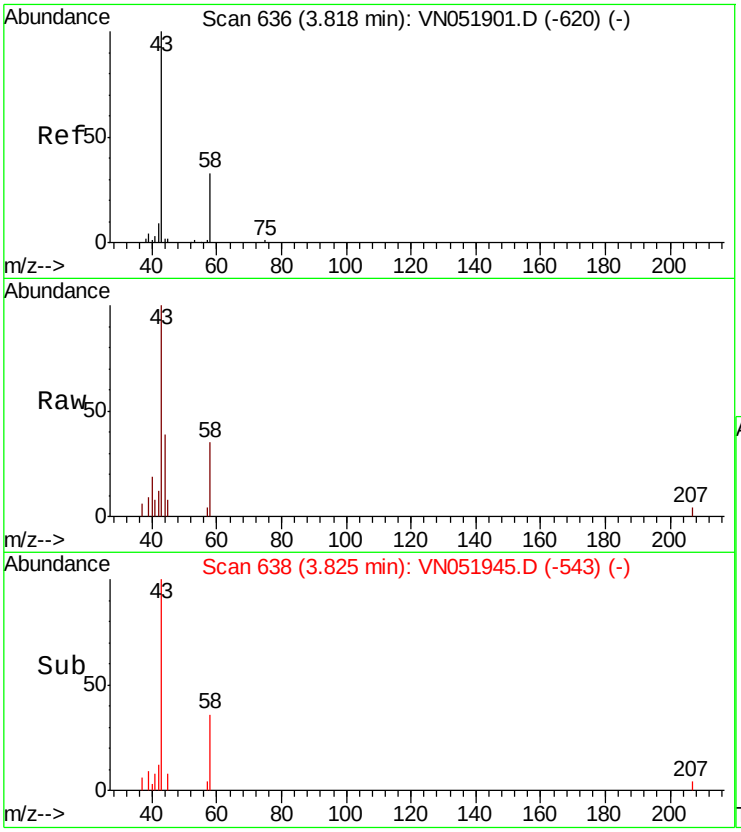


#13
Acrolein
Concen: Below Cal
RT: 3.59 min Scan# 566
Delta R.T. -0.02 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	275.9	56.7	85.1#



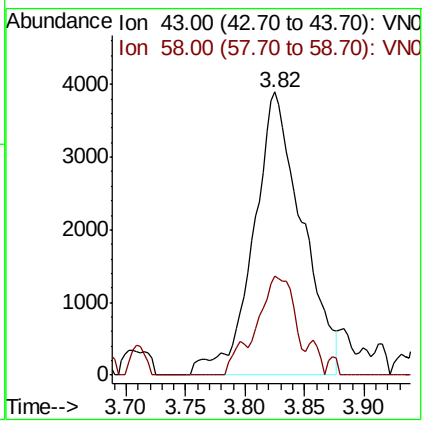


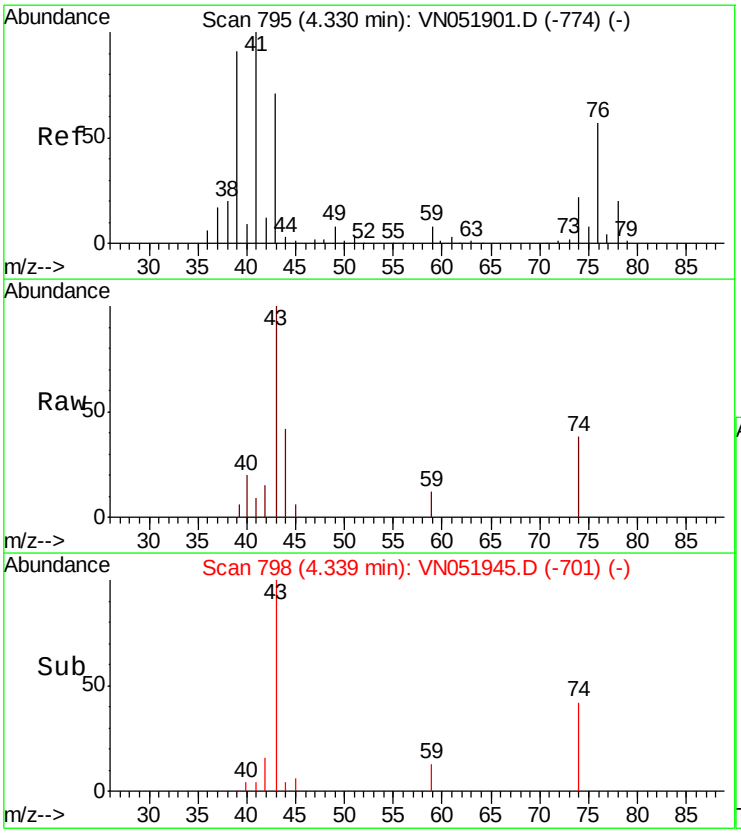
#16
Acetone
Concen: 7.074 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion: 43 Resp: 11038

Ion	Ratio	Lower	Upper
43	100		
58	34.8	25.9	38.9

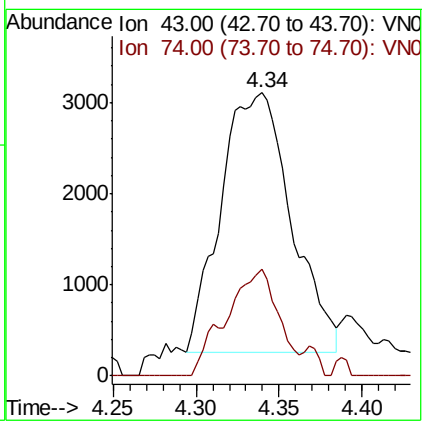


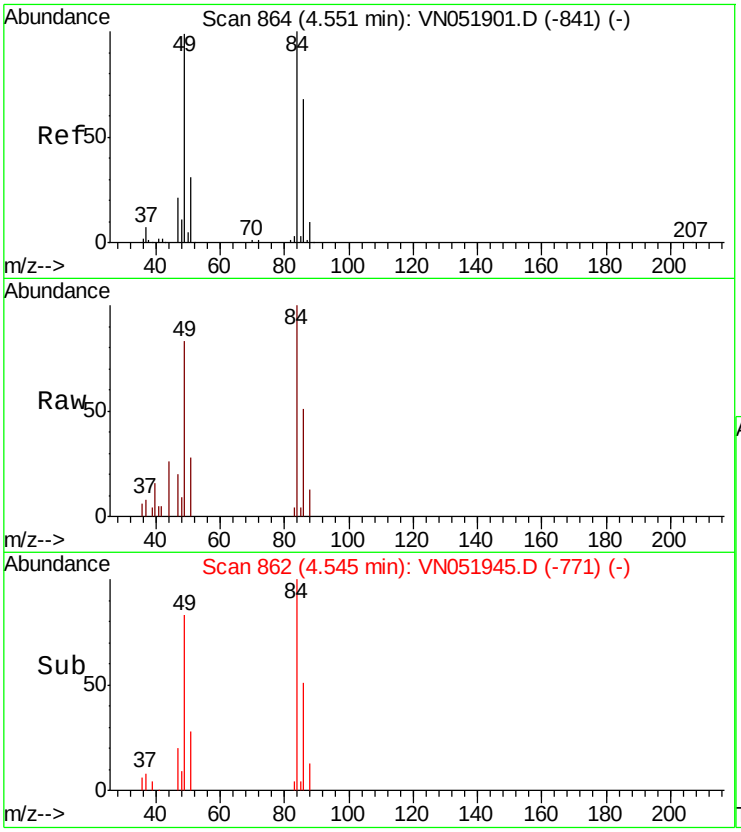


#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 43 Resp: 8396

Ion	Ratio	Lower	Upper
43	100		
74	30.8	24.9	37.3



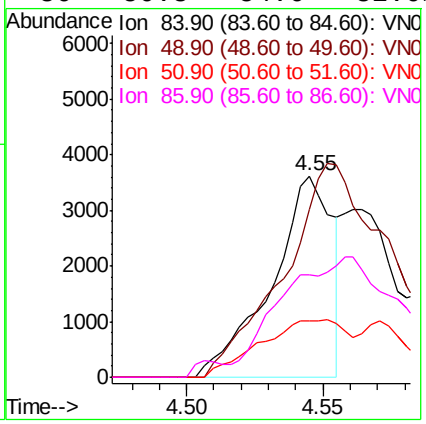


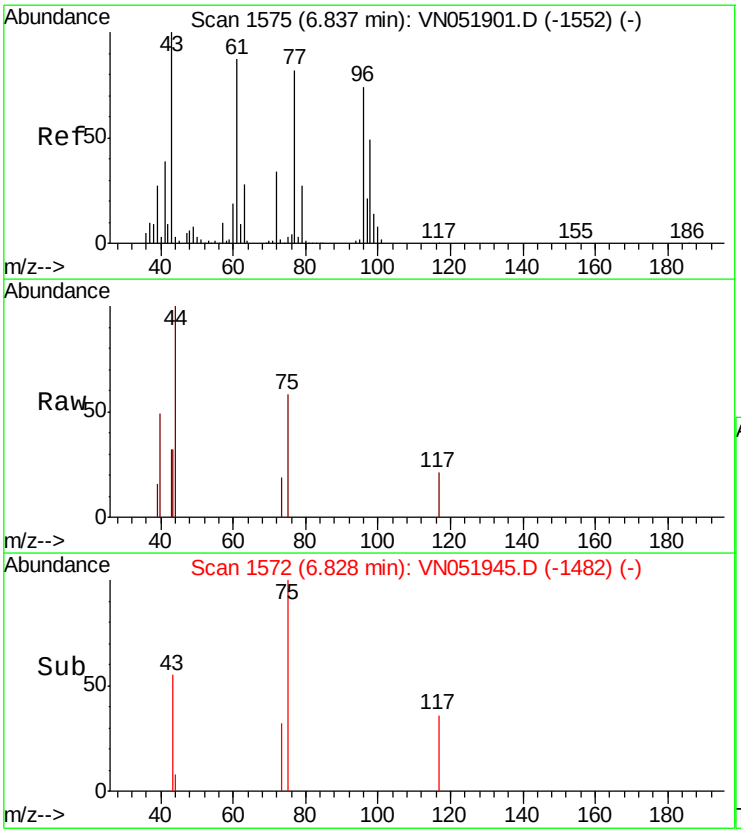
#20
Methylene Chloride
Concen: 0.703 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 84 Resp: 5575

Ion	Ratio	Lower	Upper
84	100		
49	83.4	79.0	118.4
51	28.1	24.9	37.3
86	50.8	54.6	82.0#

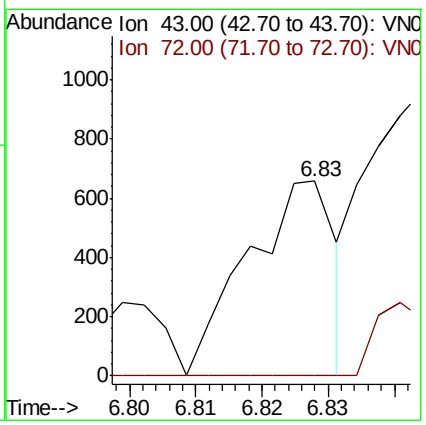


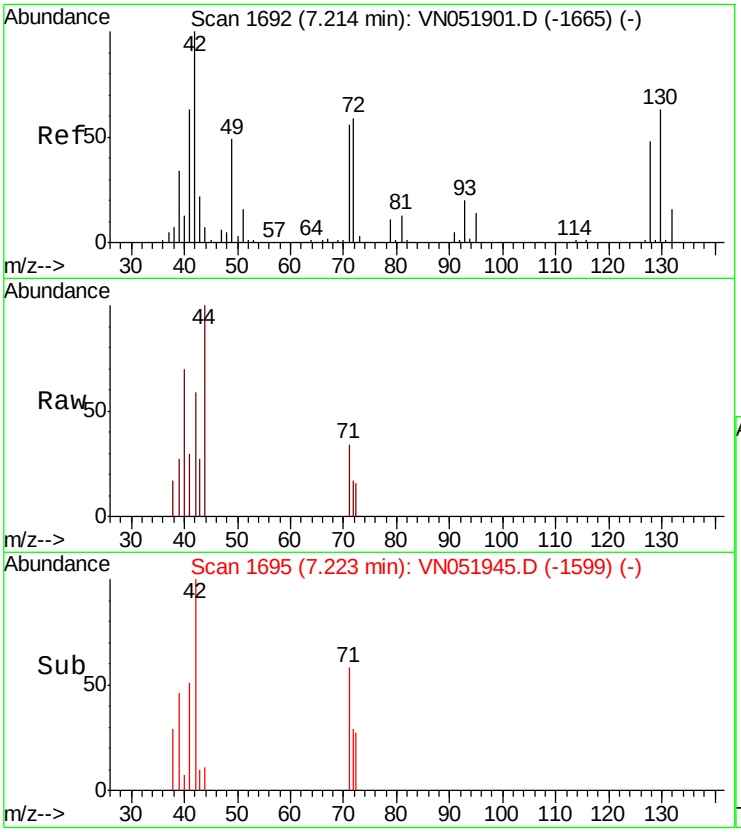


#25
2-Butanone
Concen: 0.271 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 43 Resp: 604

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.0	40.6#



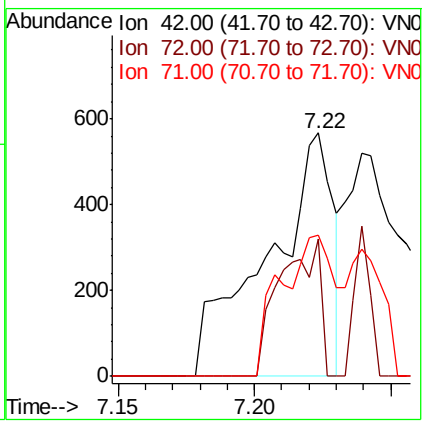


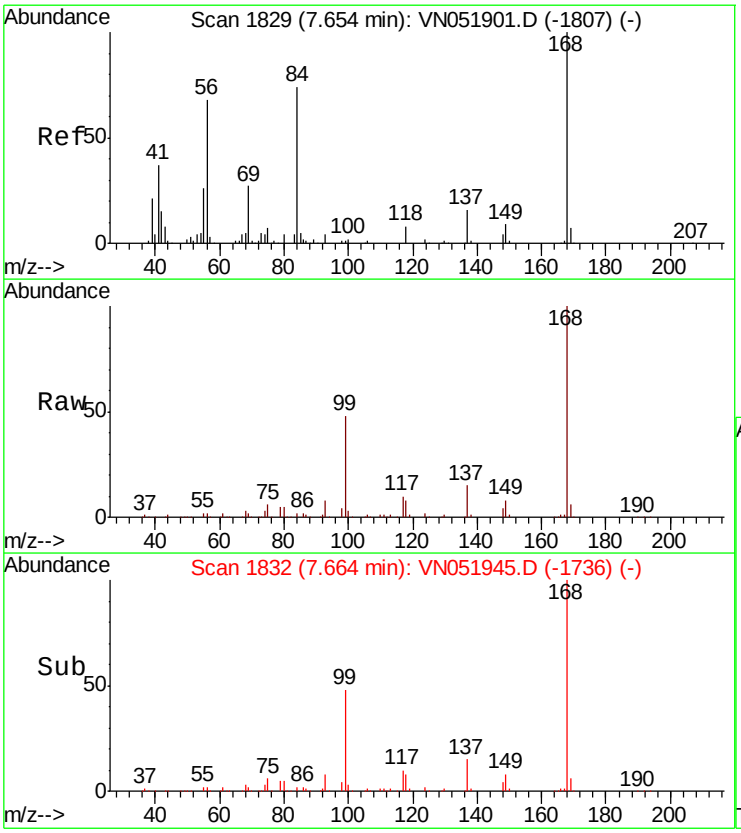
#29
Tetrahydrofuran
Concen: 0.689 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 42 Resp: 939

Ion	Ratio	Lower	Upper
42	100		
72	34.9	47.7	71.5#
71	46.0	45.4	68.0

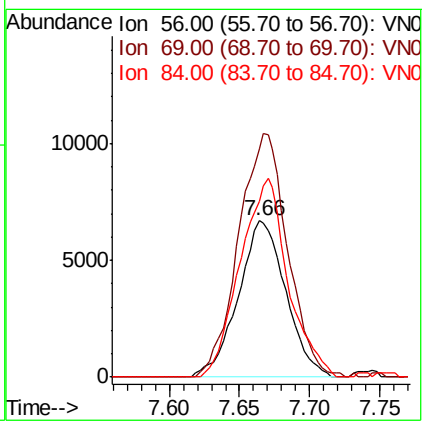


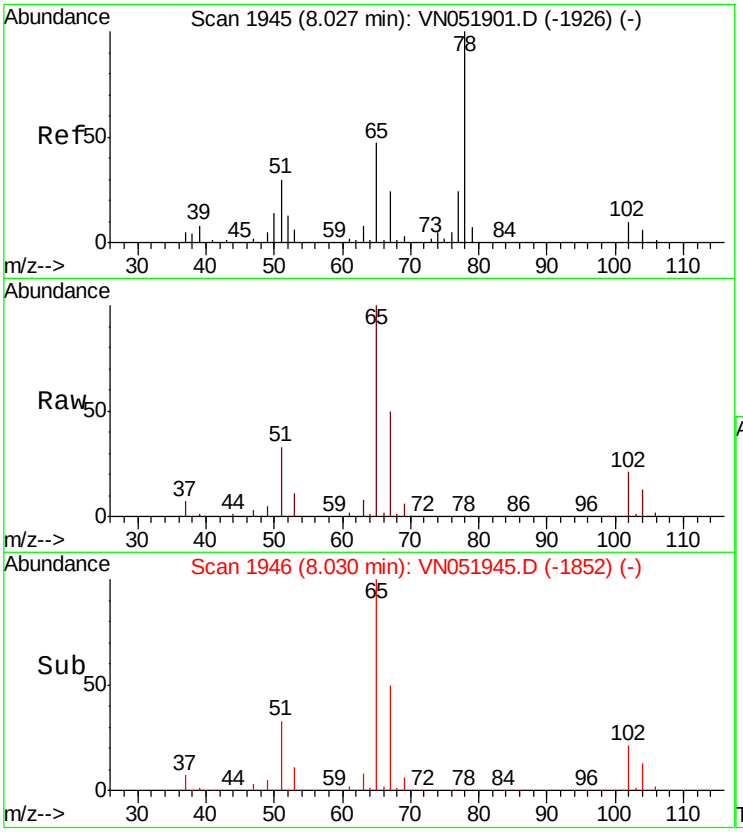


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 56 Resp: 15781

Ion	Ratio	Lower	Upper
56	100		
69	145.7	31.2	46.8#
84	112.2	86.6	130.0



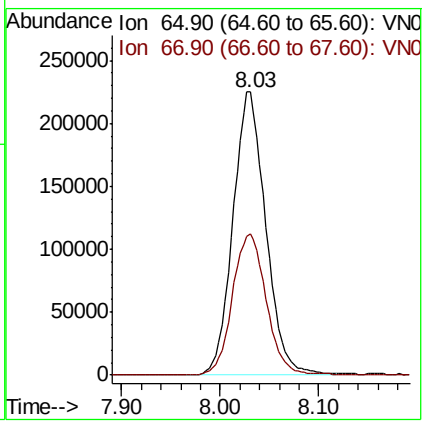


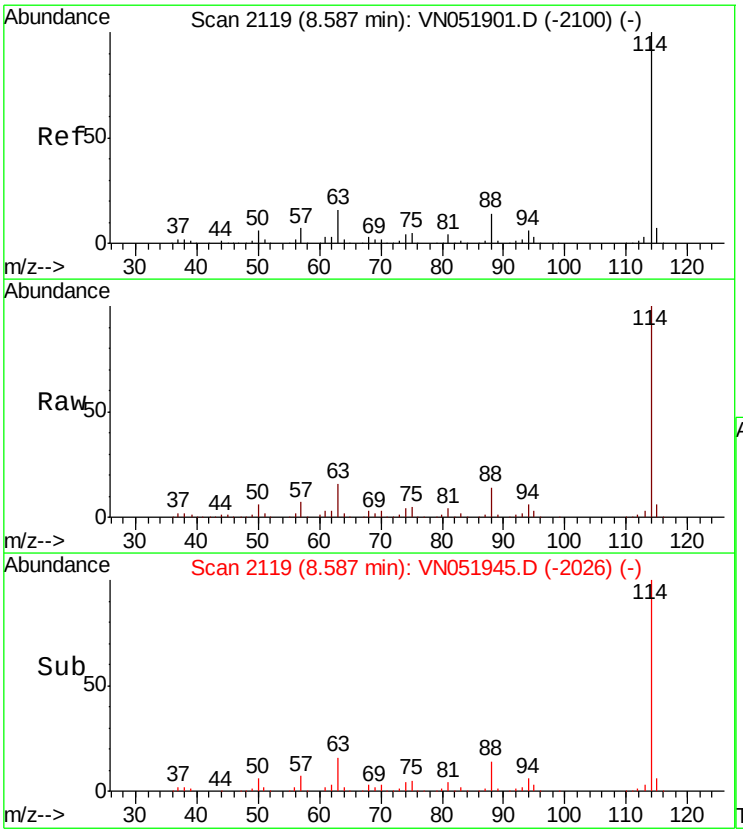
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion: 65 Resp: 519436

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

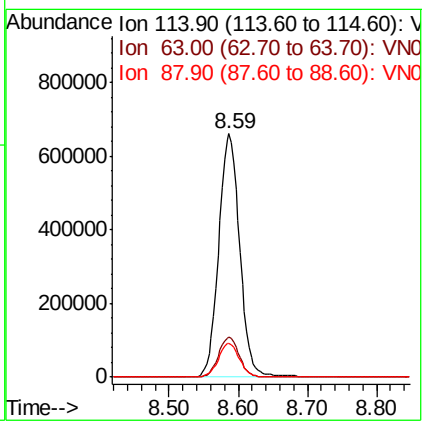


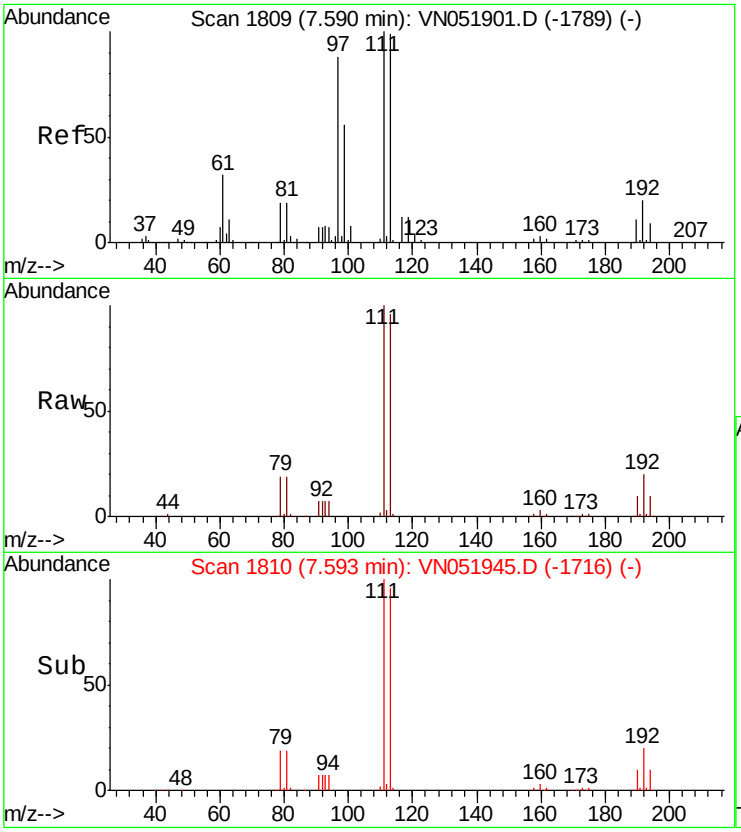


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion:114 Resp: 1393747

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	31.8
88	13.8	0.0	28.0



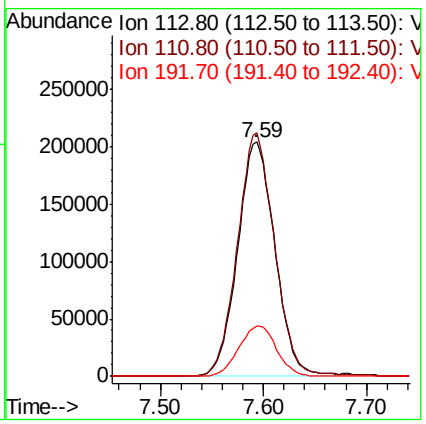


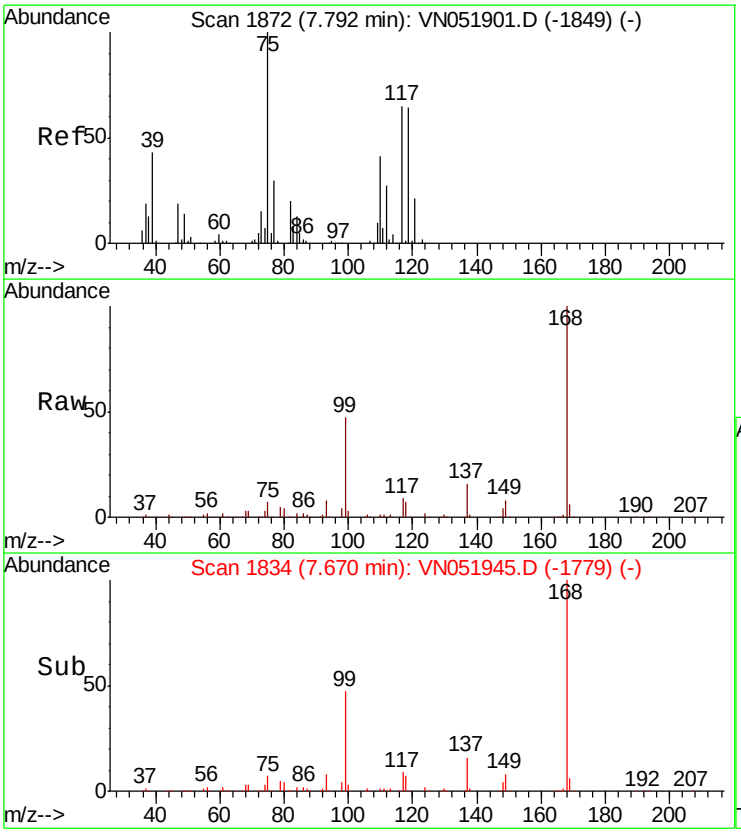
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion:113 Resp: 513738

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.8	17.3	25.9

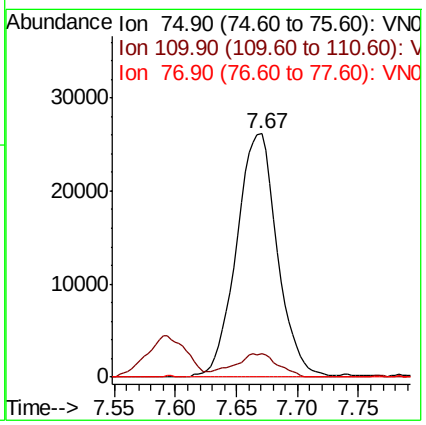


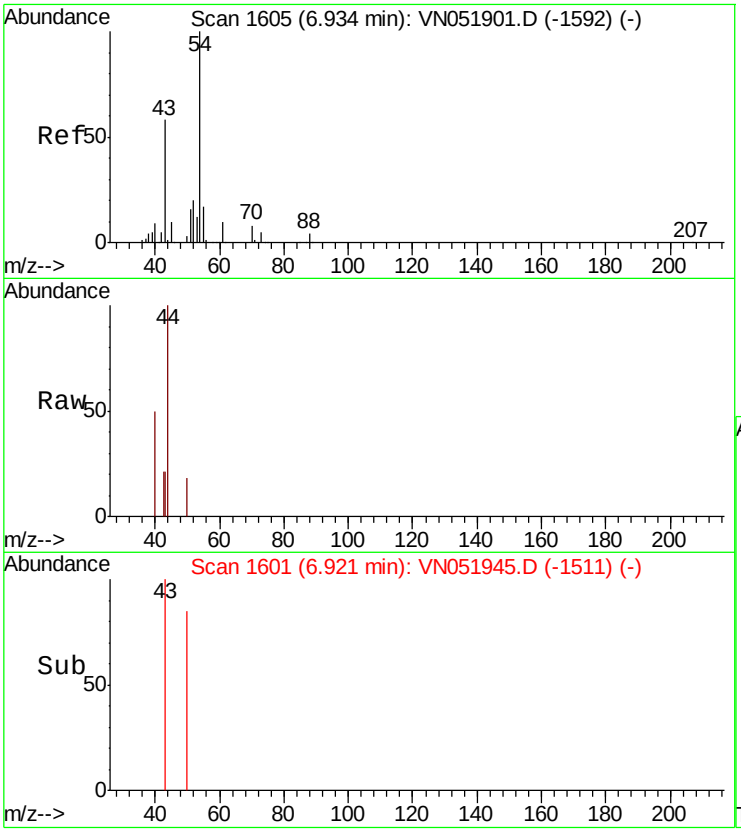


#36
1,1-Dichloropropene
Concen: 5.586 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.12 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 75 Resp: 60427

Ion	Ratio	Lower	Upper
75	100		
110	10.3	21.0	63.0#
77	0.0	24.9	37.3#



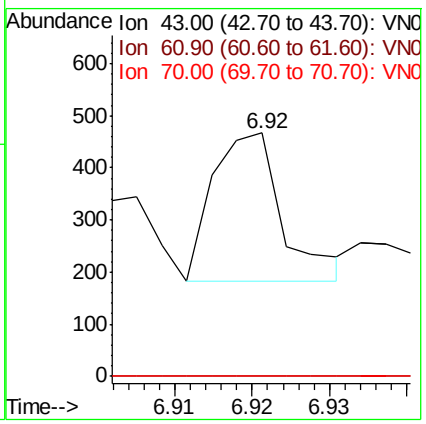


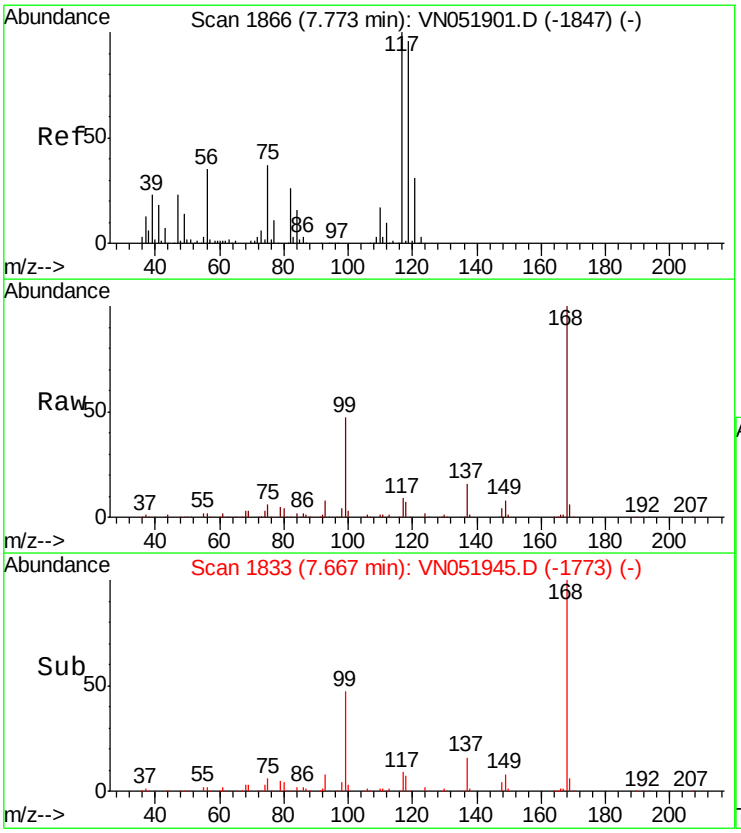
#37
Ethyl Acetate
Concen: Below Cal
RT: 6.92 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 43 Resp: 179

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.6#
70	0.0	10.4	15.6#

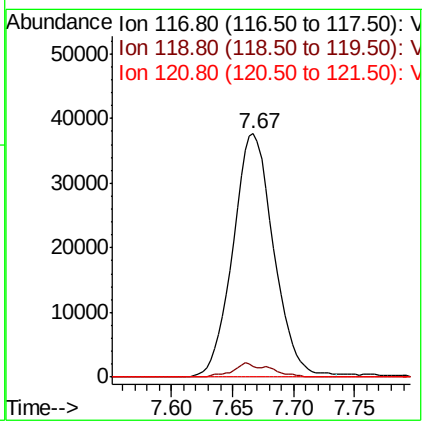


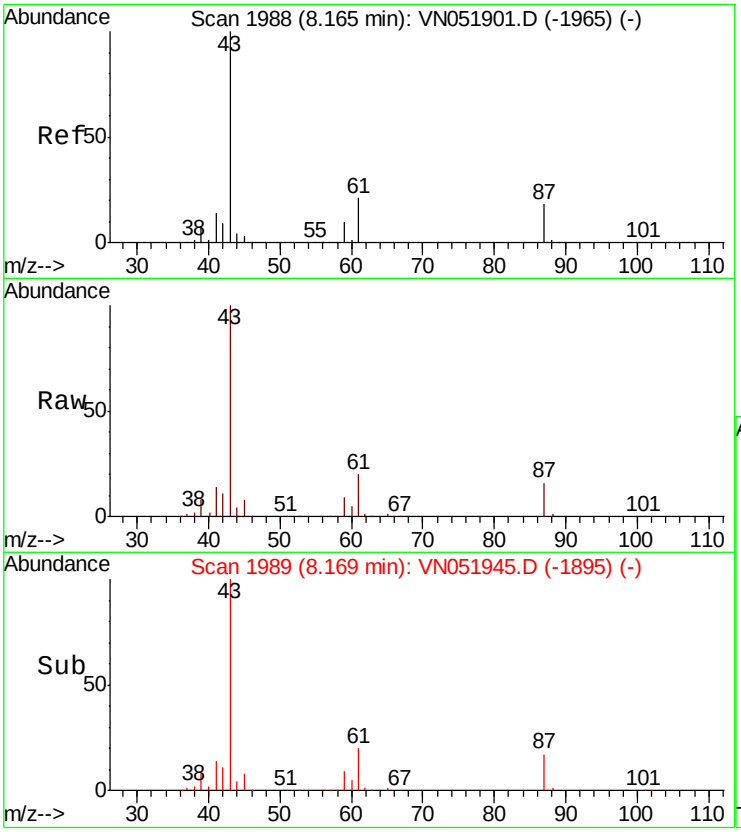


#38
Carbon Tetrachloride
Concen: 6.840 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion:117 Resp: 87141

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.0	115.6#
121	0.0	25.1	37.7#



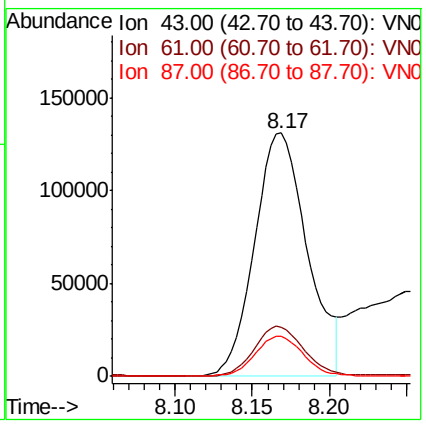


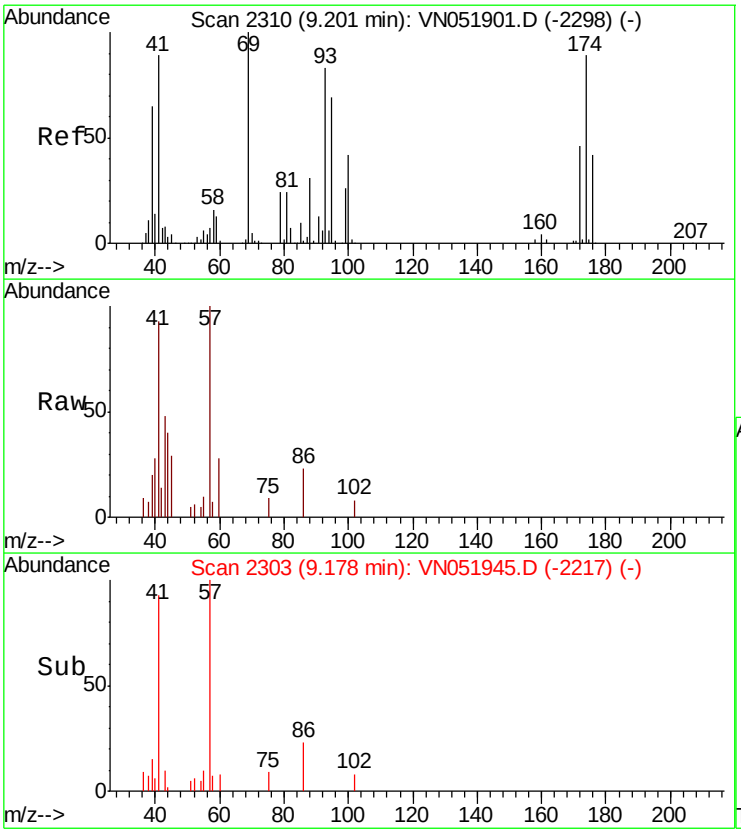
#43
Isopropyl Acetate
Concen: 31.067 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 43 Resp: 310207

Ion	Ratio	Lower	Upper
43	100		
61	19.7	24.9	37.3#
87	15.6	14.6	22.0

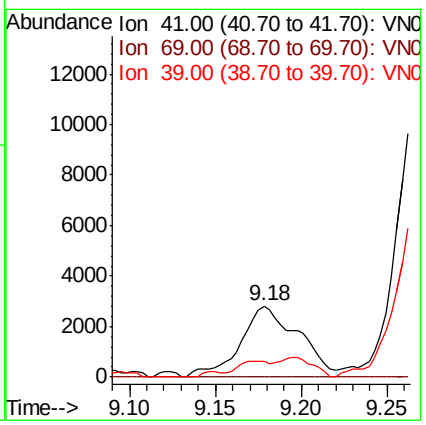


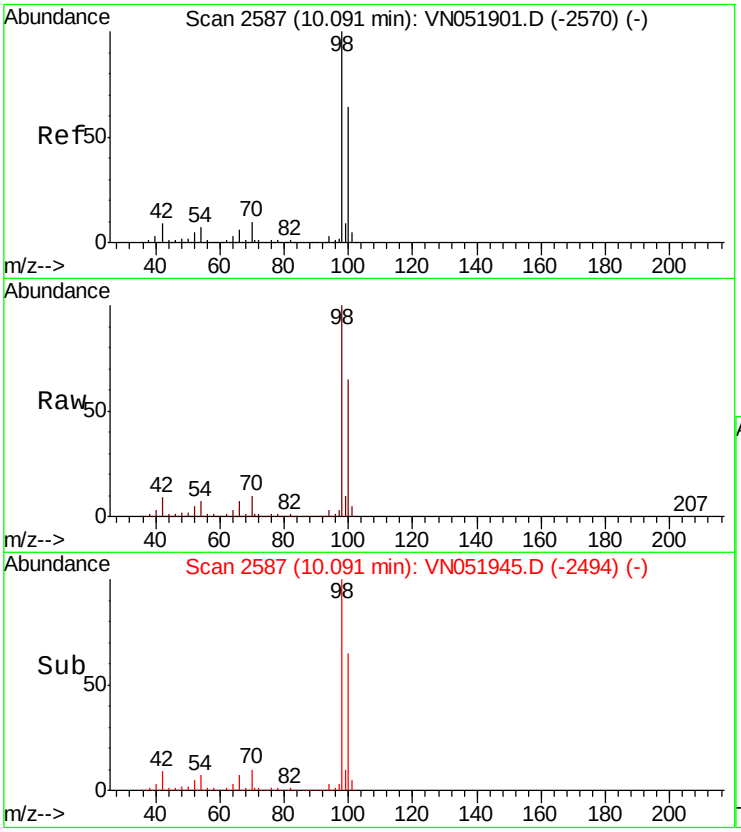


#48
Methyl methacrylate
Concen: 1.507 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 41 Resp: 6579

Ion	Ratio	Lower	Upper
41	100		
69	0.0	90.2	135.2#
39	8.1	59.7	89.5#



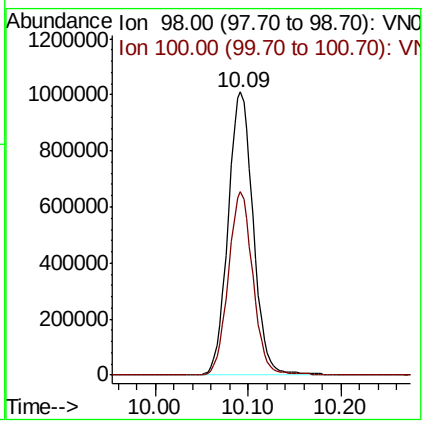


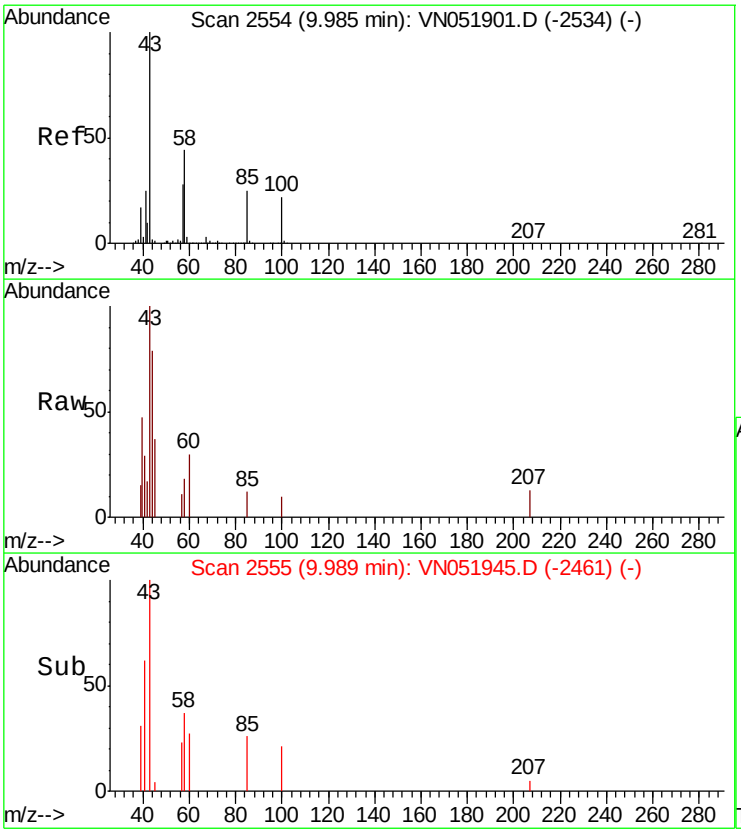
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 98 Resp: 1900079

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.0	76.4

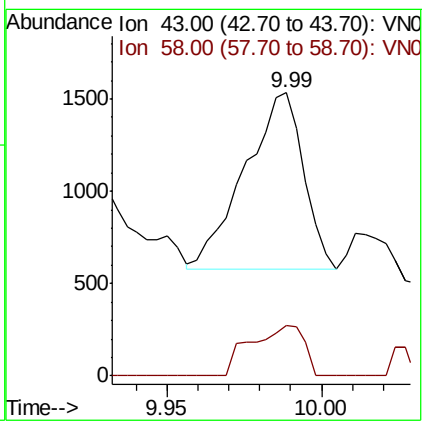


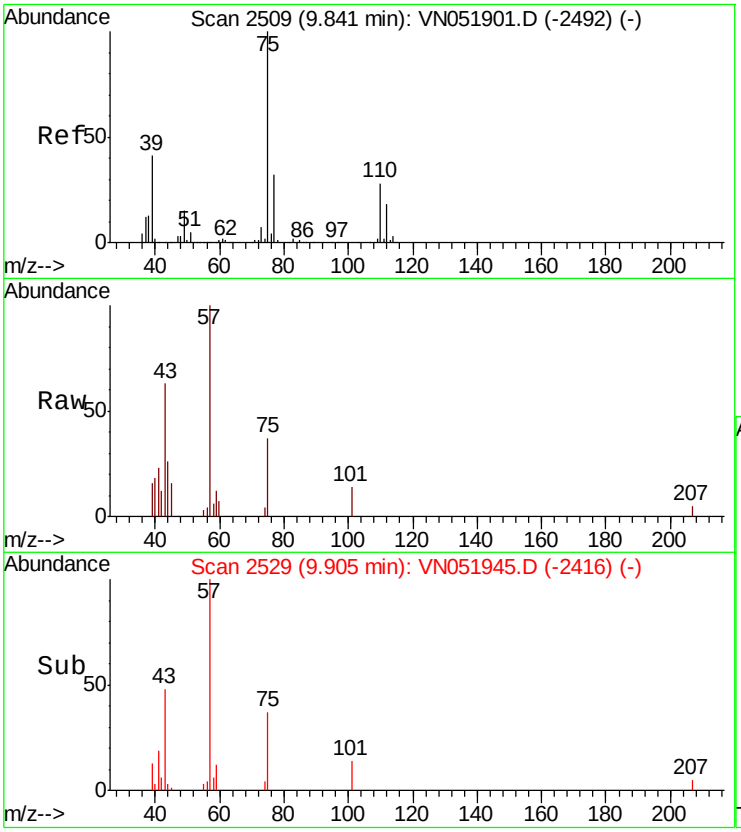


#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 43 Resp: 1267

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.6	52.0#



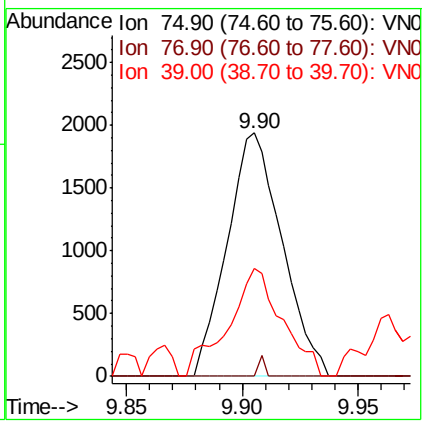


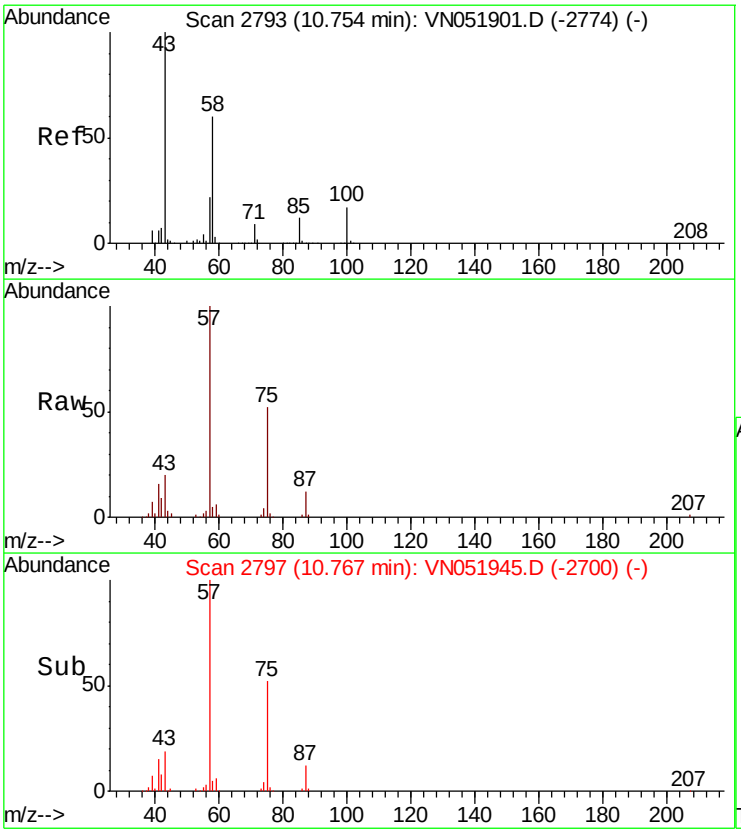
#54
cis-1,3-Dichloropropene
Concen: 0.271 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 75 Resp: 3197

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.3	37.9#
39	44.5	32.8	49.2

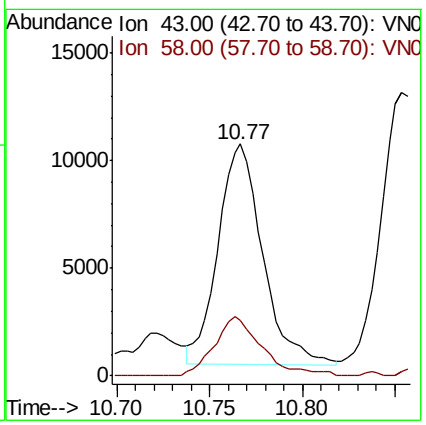


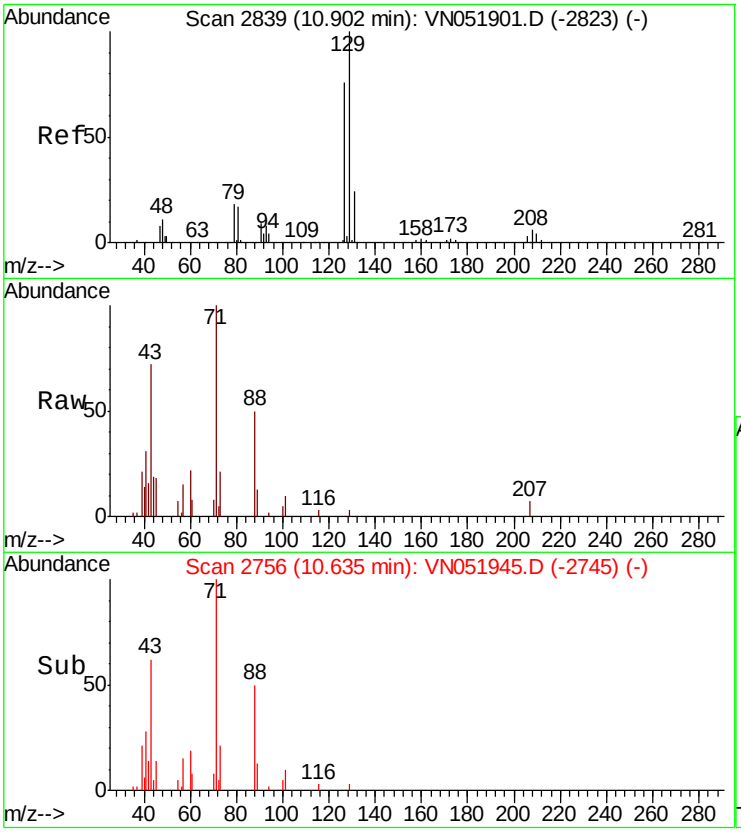


#59
2-Hexanone
Concen: 5.070 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 43 Resp: 17120

Ion	Ratio	Lower	Upper
43	100		
58	28.7	29.8	89.5#



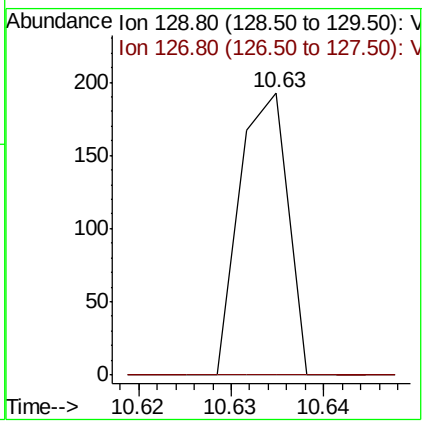


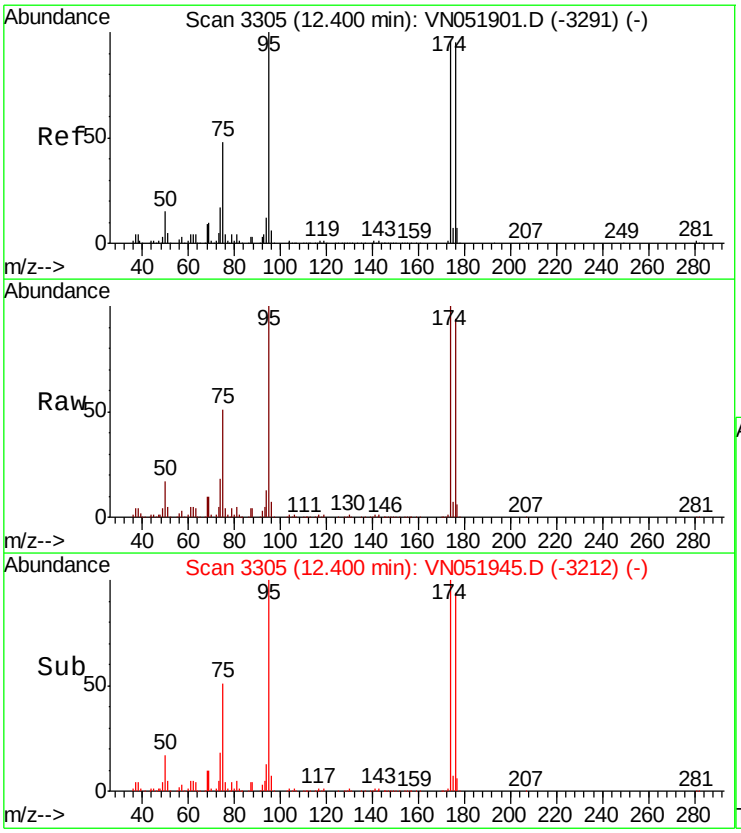
#60
Dibromochloromethane
Concen: 2.057 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion:129 Resp: 69

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

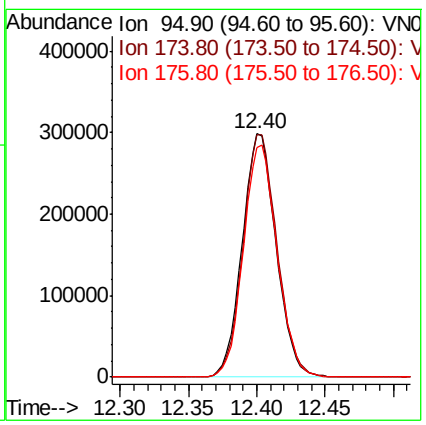


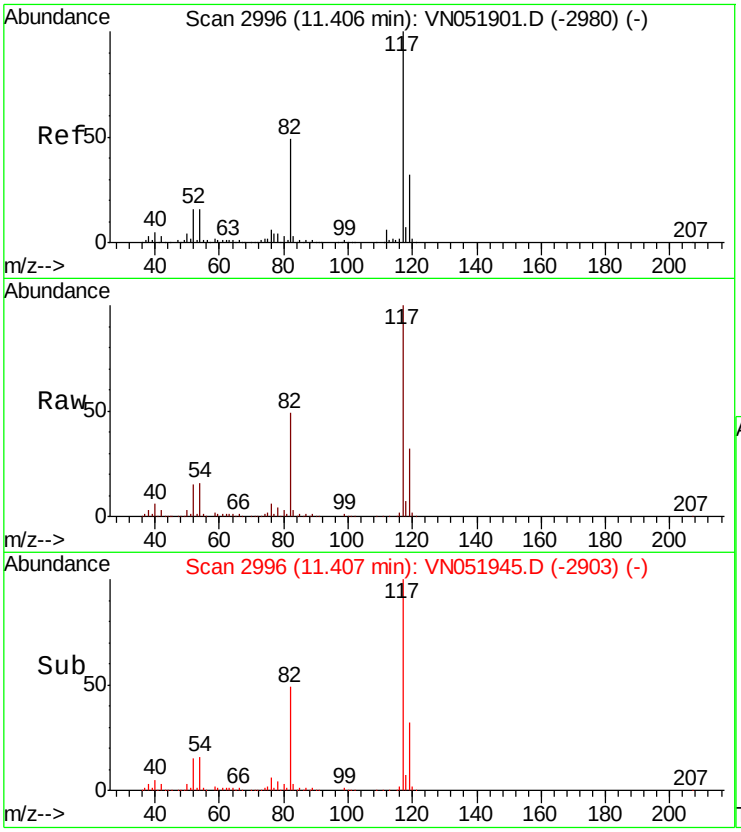


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 95 Resp: 513728

Ion	Ratio	Lower	Upper
95	100		
174	100.1	0.0	195.0
176	95.2	0.0	191.4



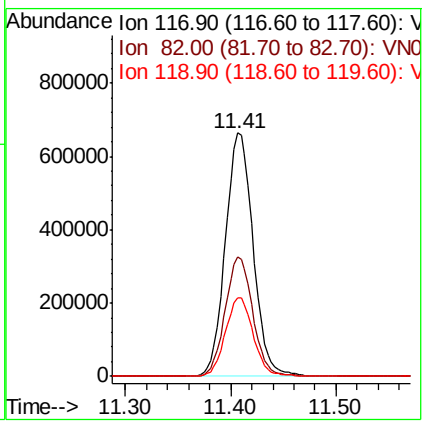


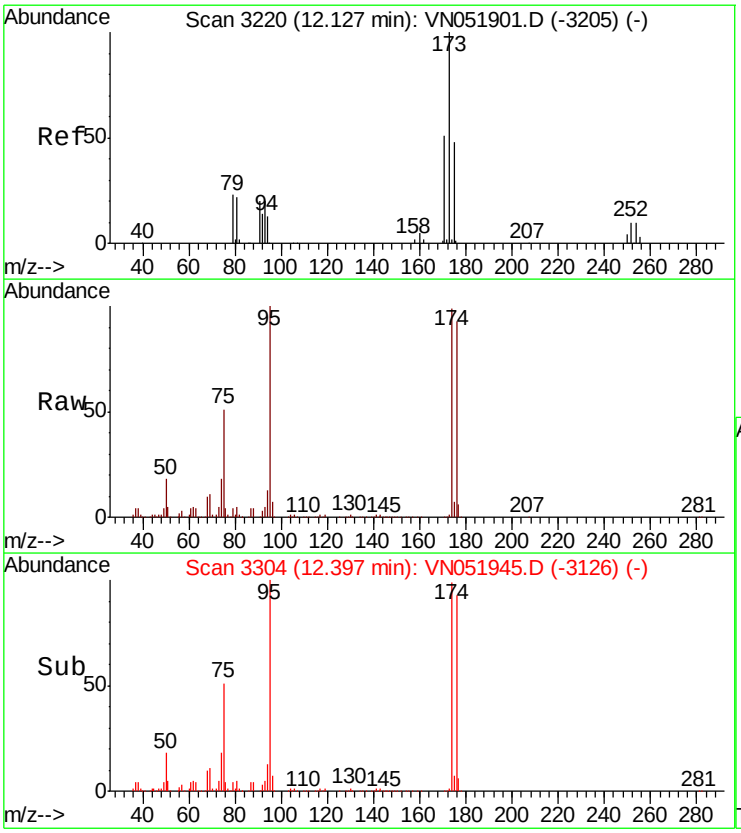
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB113937ZHE#06

Tgt Ion:117 Resp: 1210059

Ion	Ratio	Lower	Upper
117	100		
82	48.9	38.9	58.3
119	32.1	25.9	38.9

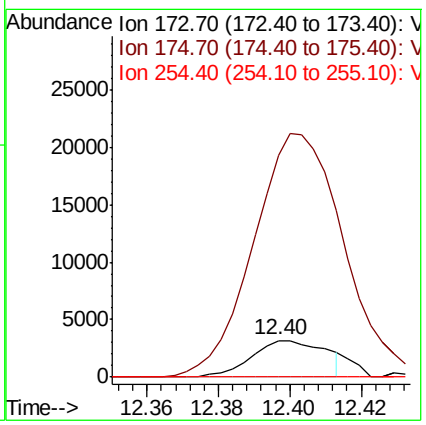


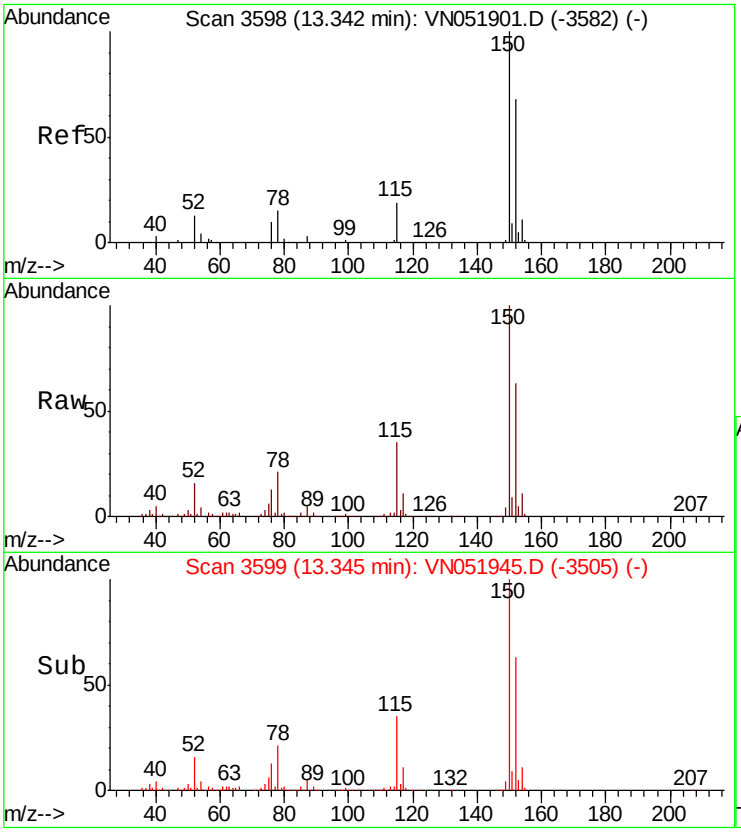


#71
Bromoform
Concen: 3.871 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion:173 Resp: 4614

Ion	Ratio	Lower	Upper
173	100		
175	681.7	24.0	72.0#
254	0.0	0.2	0.2#



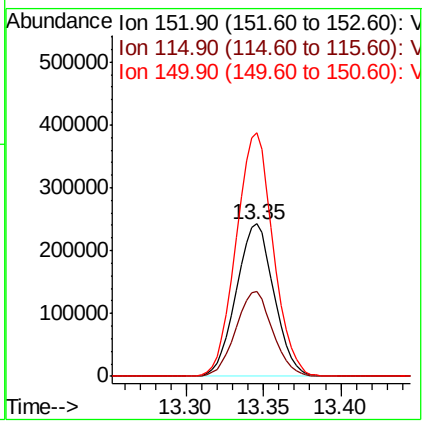


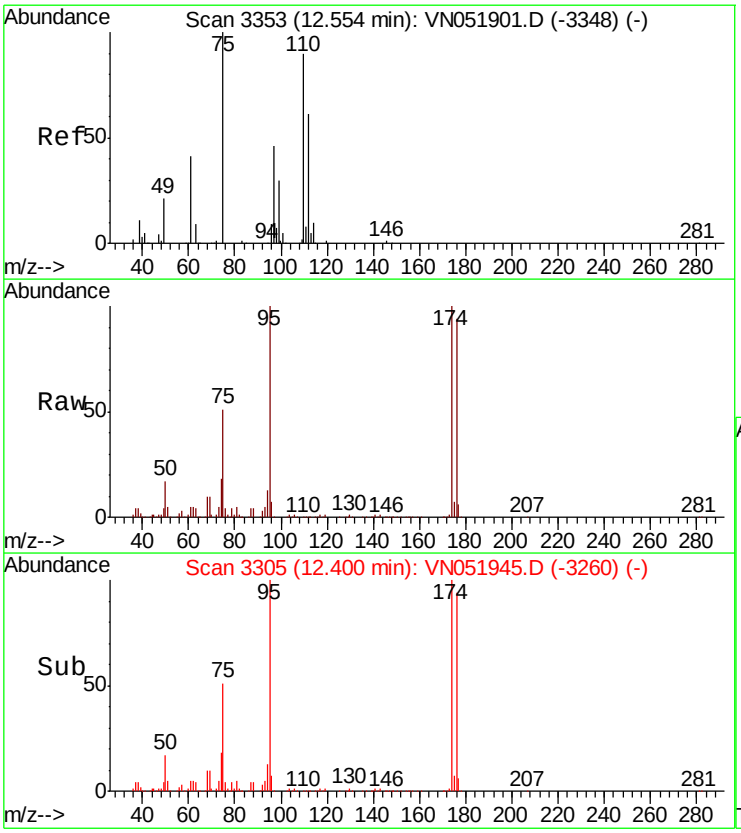
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion:152 Resp: 411208

Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.7	80.1
150	156.9	0.0	346.4

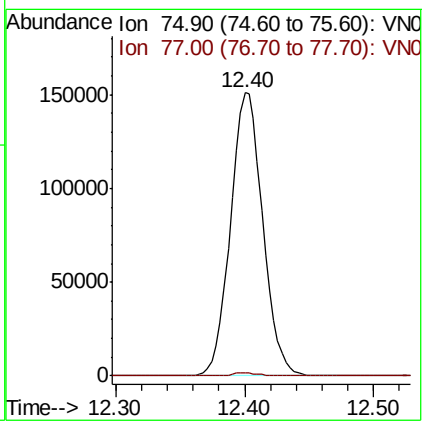


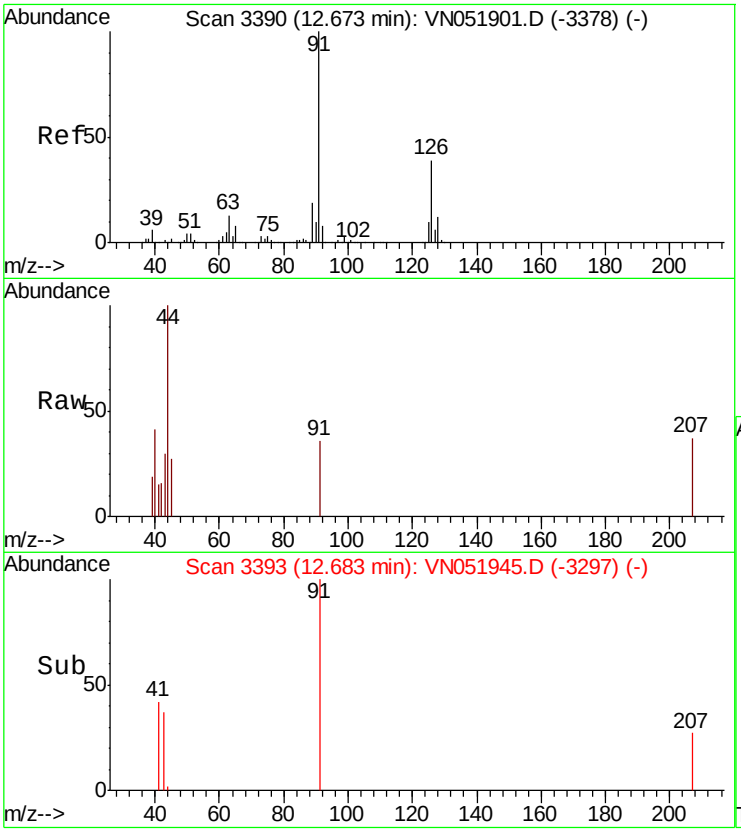


#76
1,2,3-Trichloropropane
Concen: 52.409 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 75 Resp: 261941

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



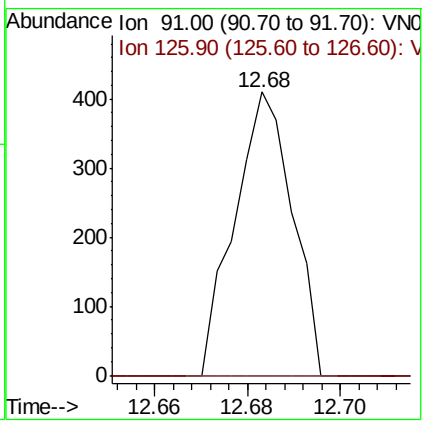


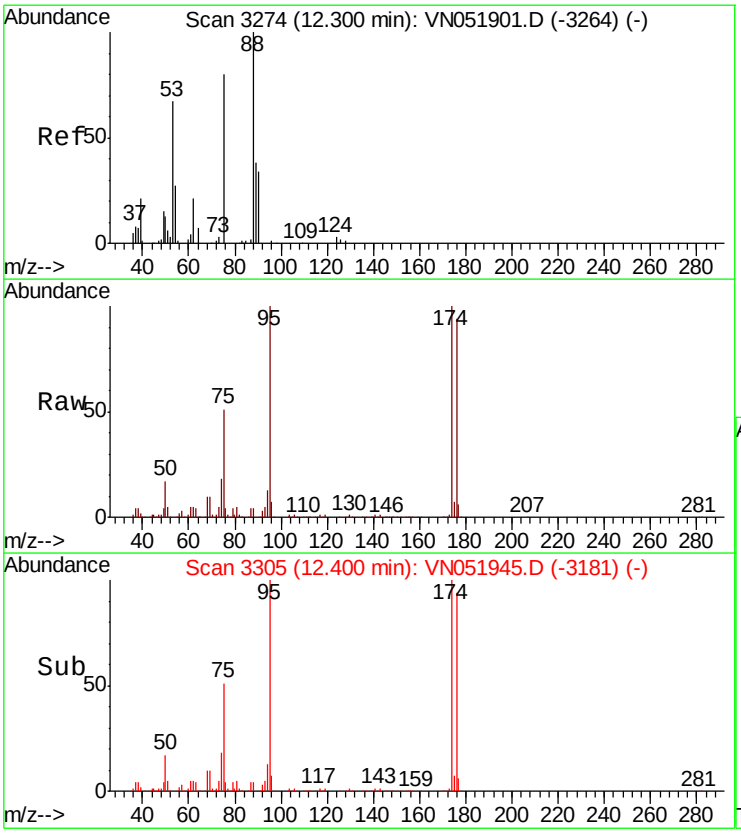
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion: 91 Resp: 354

Ion	Ratio	Lower	Upper
91	100		
126	0.0	19.6	58.7#

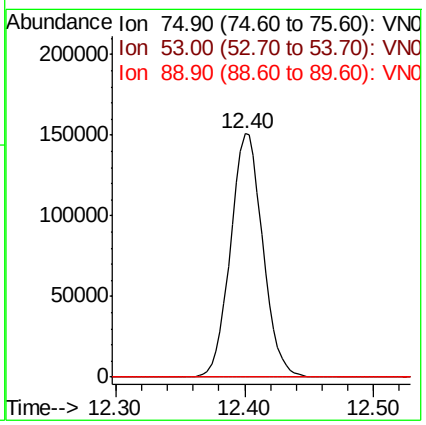


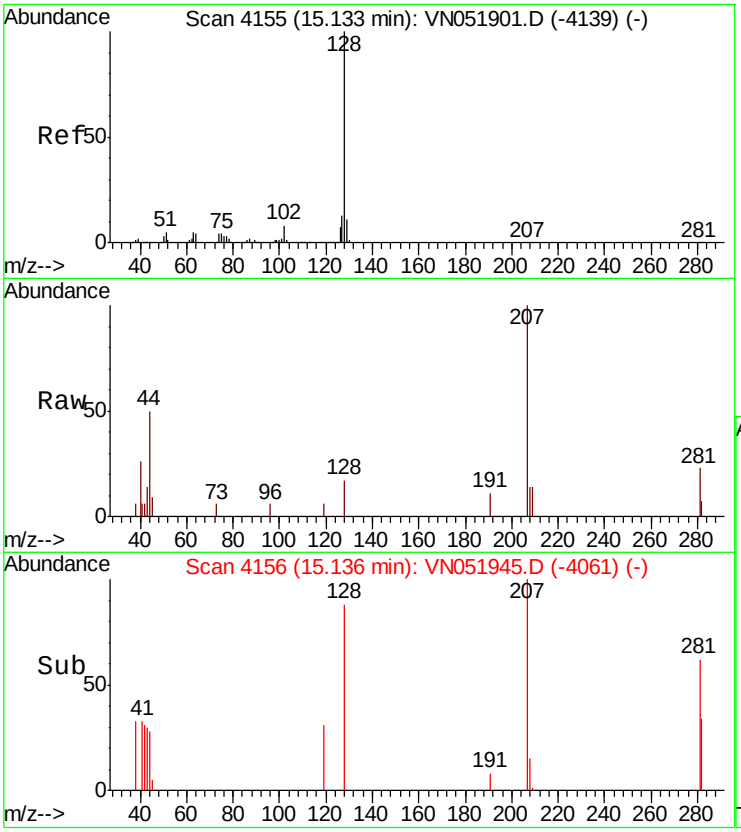


#81
trans-1,4-Dichloro-2-butene
Concen: 172.219 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 75 Resp: 261941

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.5	102.7#
89	0.0	39.0	58.6#



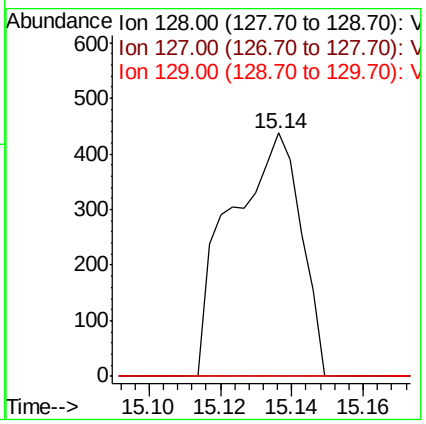


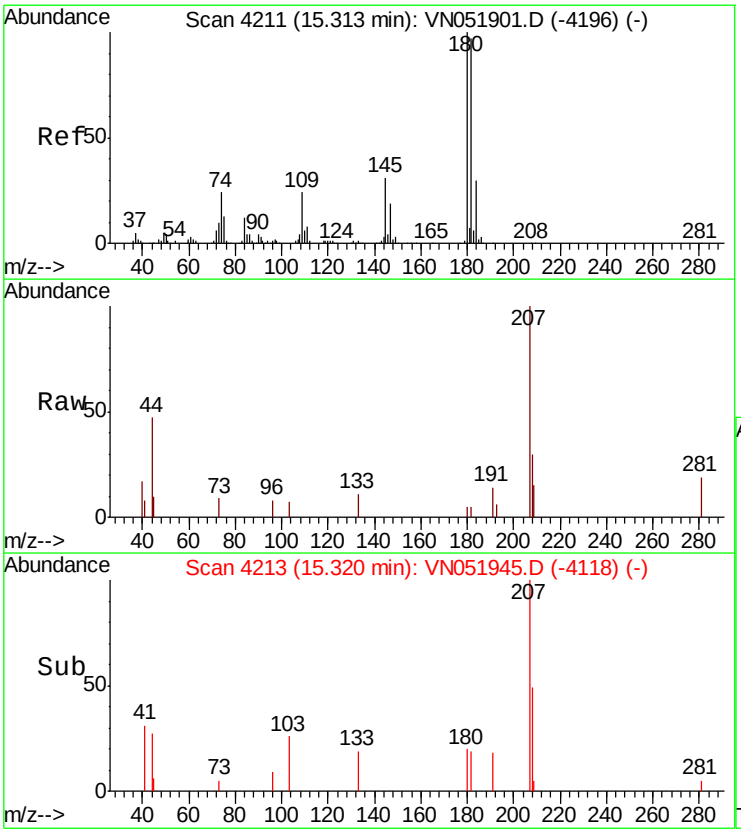
#95
Naphthalene
Concen: 4.102 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Instrument : MSVOA_N
ClientSampleId : PB113937ZHE#06

Tgt Ion:128 Resp: 595

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 2.922 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN051945.D
Acq: 19 Oct 2018 14:00

Tgt Ion:180 Resp: 62

Ion	Ratio	Lower	Upper
180	100		
182	164.5	47.9	143.8#
145	0.0	15.2	45.6#