Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
Data File : VN050448.D
Acq On : 7 Aug 2018 22:03
Operator : MD\SY
Sample : PB111813ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Quant Time: Aug 08 05:30:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	836799	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1304465	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1154893	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	526980	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	525622	47.01	ug/l		0.00
Spiked Amount 50.000			Recovery =	94.02%			
35) Dibromofluoromethane	7.59	113	478352	45.70	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.40%			
50) Toluene-d8	10.09	98	1804350	45.85	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.70%			
62) 4-Bromofluorobenzene	12.40	95	592019	44.14	ug/l		0.00
Spiked Amount 50.000			Recovery =	88.28%			
Target Compounds							Qvalue
3) Chloromethane	2.06	50	4061	Below Cal			99
5) Bromomethane	2.57	94	5996	1.19	ug/l		94
10) Methyl Iodide	3.96	142	1461	0.35	ug/l	#	66
13) Acrolein	3.62	56	122	15.13	ug/l		88
16) Acetone	3.83	43	20490	5.79	ug/l		99
18) Methyl Acetate	4.34	43	14557	1.49	ug/l		98
20) Methylene Chloride	4.55	84	15741	Below Cal			90
25) 2-Butanone	6.85	43	5771	1.04	ug/l		90
29) Tetrahydrofuran	7.22	42	800	0.27	ug/l	#	78
31) Cyclohexane	7.67	56	14224	0.26	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	55112	3.85	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	74788	5.00	ug/l	#	16
43) Isopropyl Acetate	8.17	43	374656	21.03	ug/l		98
48) Methyl methacrylate	9.18	41	9718	1.09	ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	3800	0.30	ug/l	#	85
56) Ethyl methacrylate	10.41	69	164	1.72	ug/l	#	1
59) 2-Hexanone	10.77	43	28339	3.16	ug/l	#	55
76) 1,2,3-Trichloropropane	12.40	75	280716	29.43	ug/l	#	100
77) Bromobenzene	12.56	156	64746	6.11	ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.73	105	11587	0.36	ug/l		89
81) trans-1,4-Dichloro-2-buten	12.40	75	280716	103.40	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	925	0.48	ug/l	#	7
95) Naphthalene	15.13	128	1058	3.66	ug/l	#	69

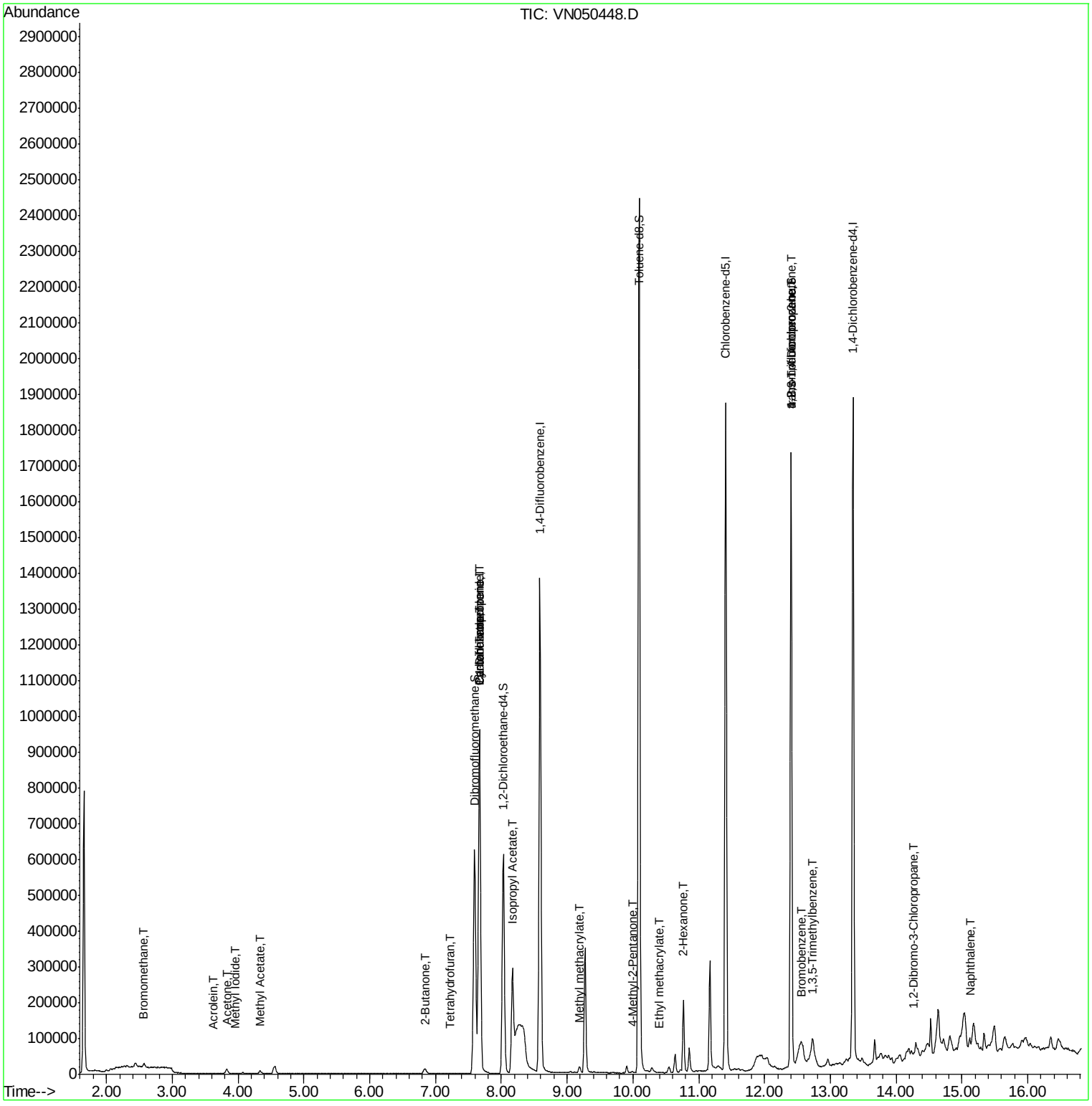
(#) = qualifier out of range (m) = manual integration (+) = signals summed

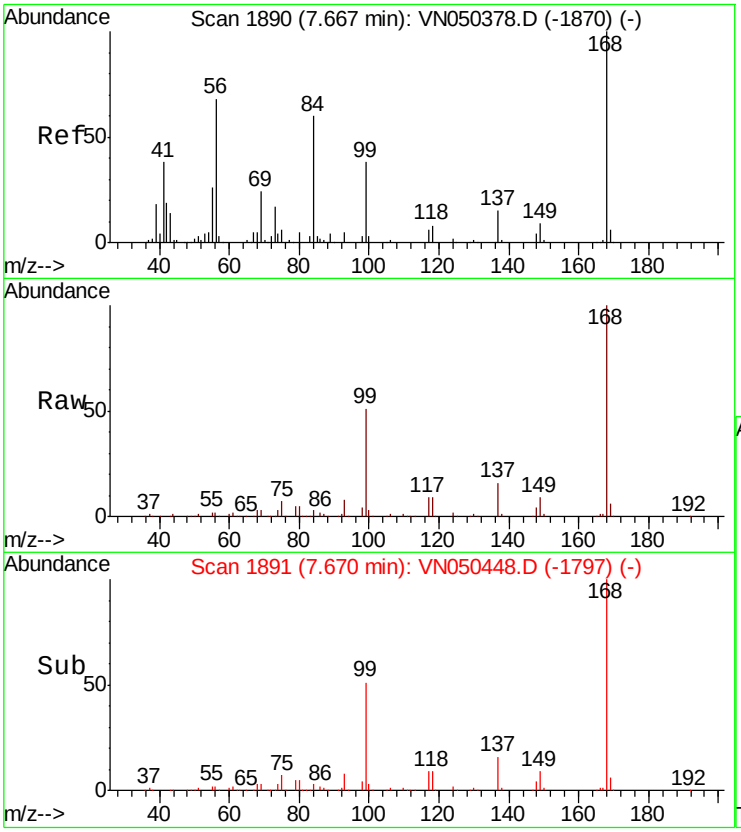
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080718\
Data File : VN050448.D
Acq On : 7 Aug 2018 22:03
Operator : MD\SY
Sample : PB111813ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Quant Time: Aug 08 05:30:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration



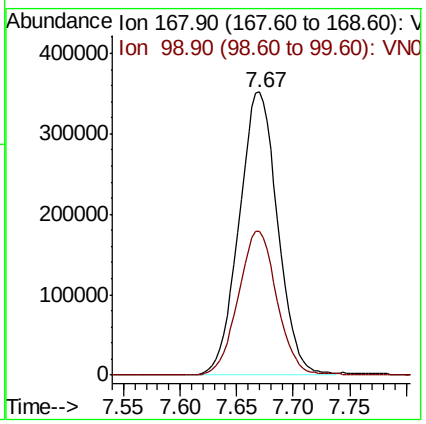


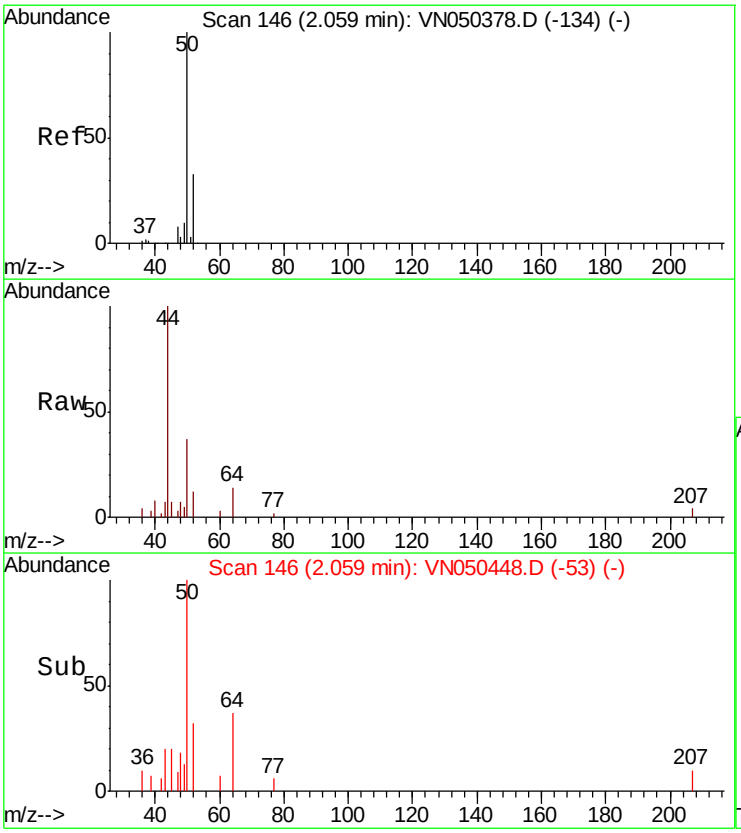
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion:168 Resp: 836799

Ion	Ratio	Lower	Upper
168	100		
99	50.8	40.0	60.0

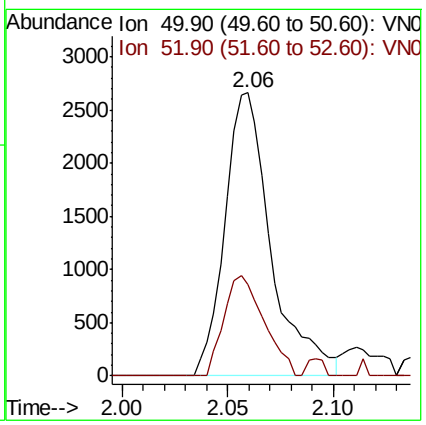


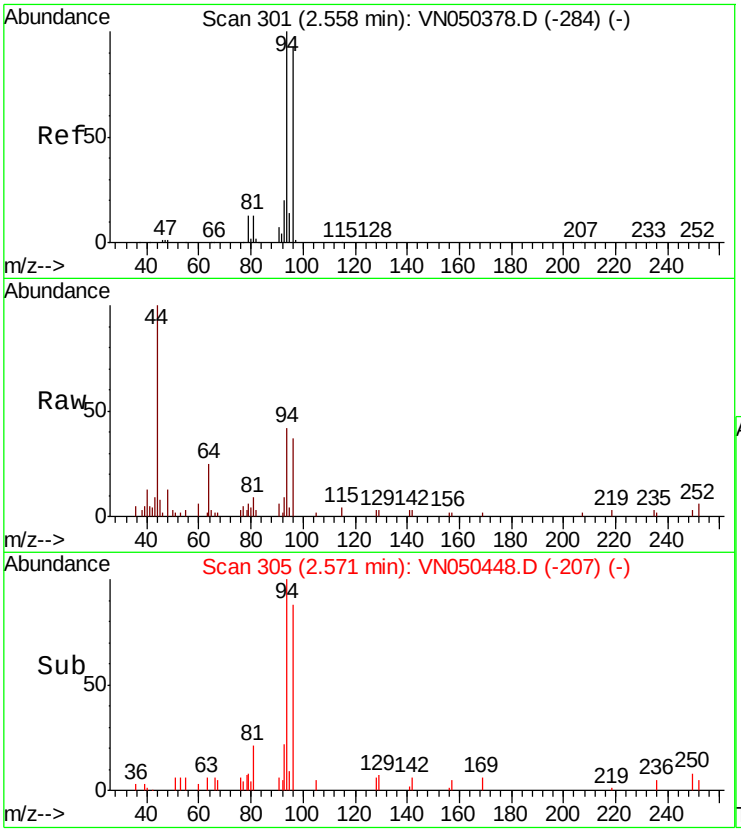


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 50 Resp: 4061

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.9	38.9



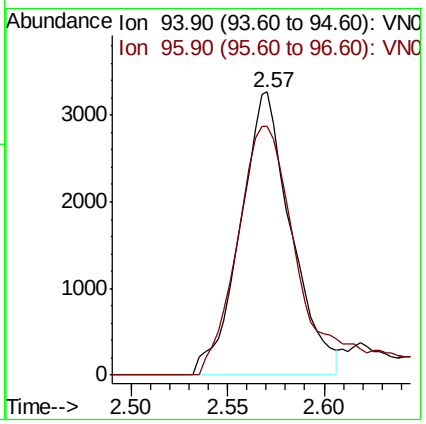


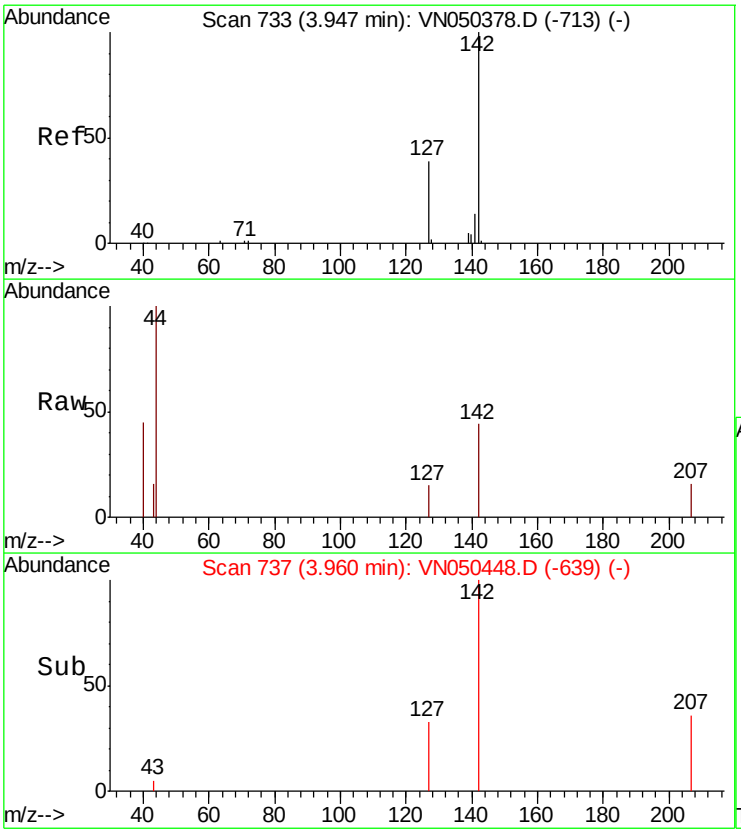
#5
Bromomethane
Concen: 1.19 ug/l
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion: 94 Resp: 5996

Ion	Ratio	Lower	Upper
94	100		
96	87.9	74.6	112.0

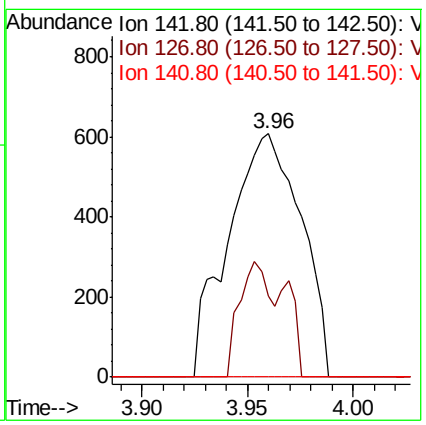


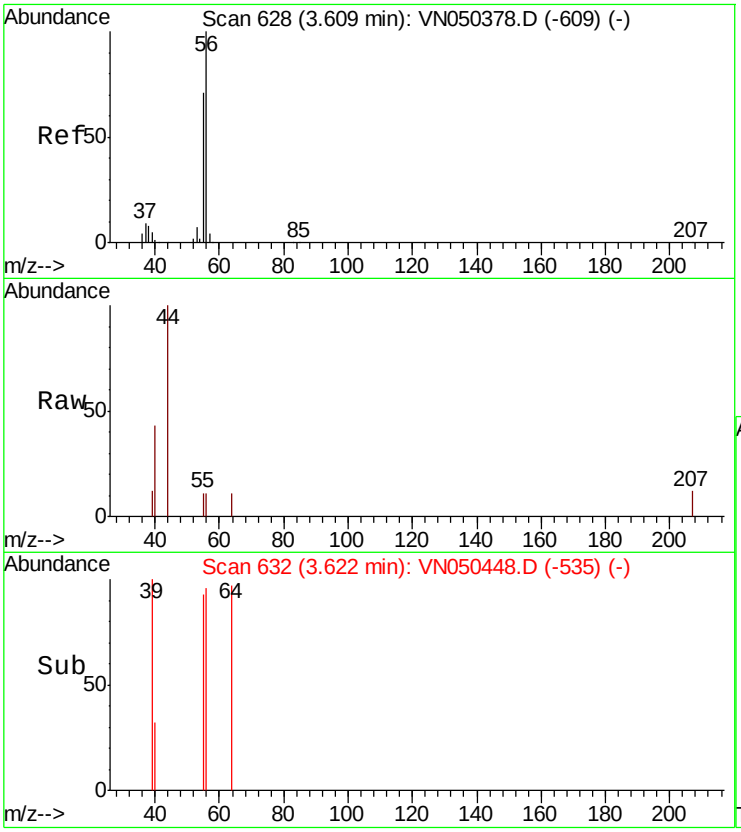


#10
Methyl Iodide
Concen: 0.35 ug/l
RT: 3.96 min Scan# 737
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:142 Resp: 1461

Ion	Ratio	Lower	Upper
142	100		
127	20.3	33.4	50.2#
141	0.0	11.6	17.4#



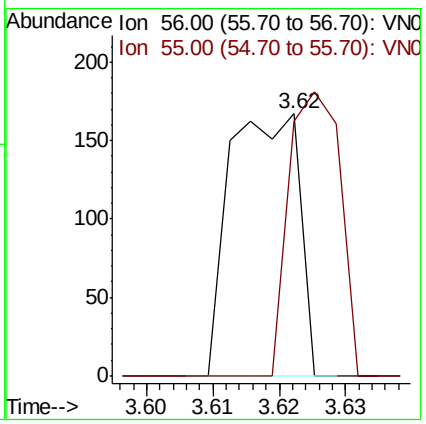


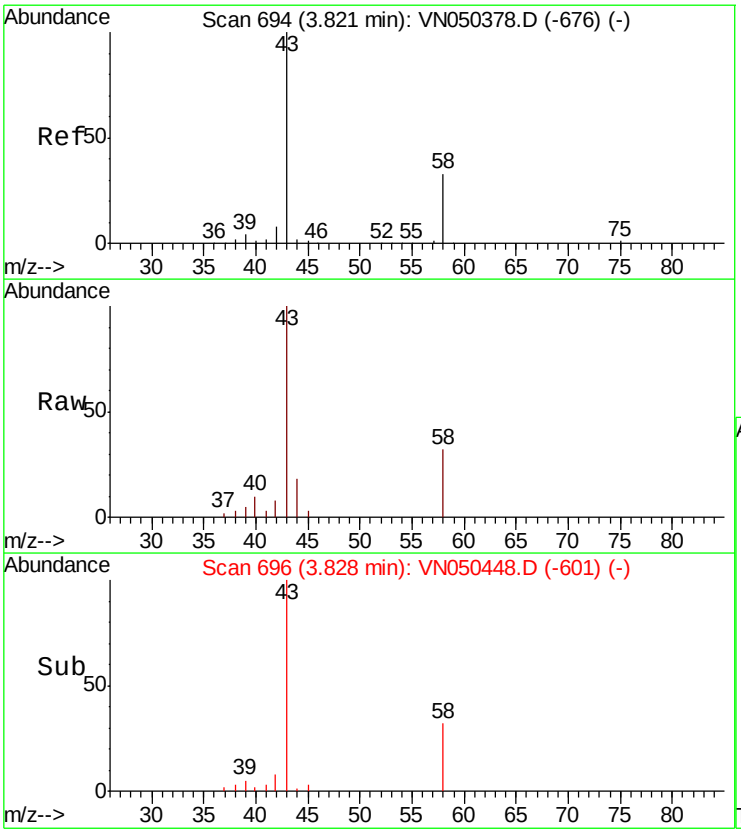
#13
Acrolein
Concen: 15.13 ug/l
RT: 3.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion: 56 Resp: 122

Ion	Ratio	Lower	Upper
56	100		
55	79.5	55.8	83.6

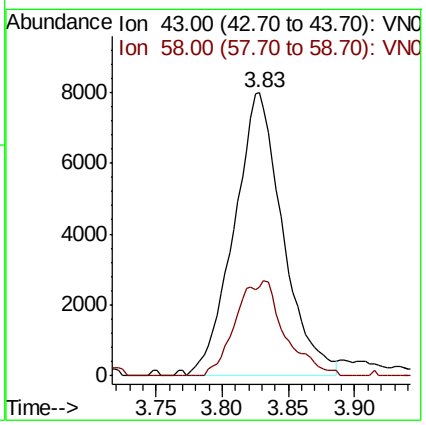


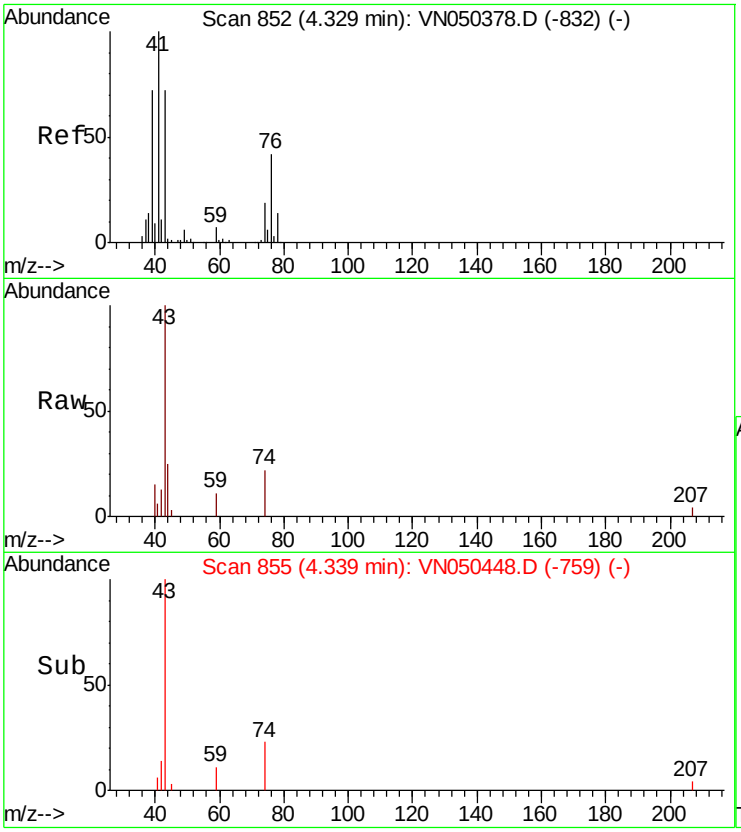


#16
Acetone
Concen: 5.79 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 43 Resp: 20490

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.8	38.8



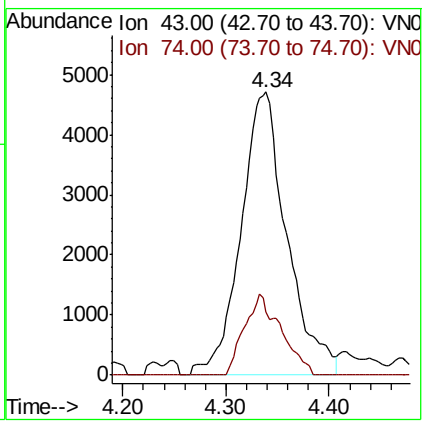


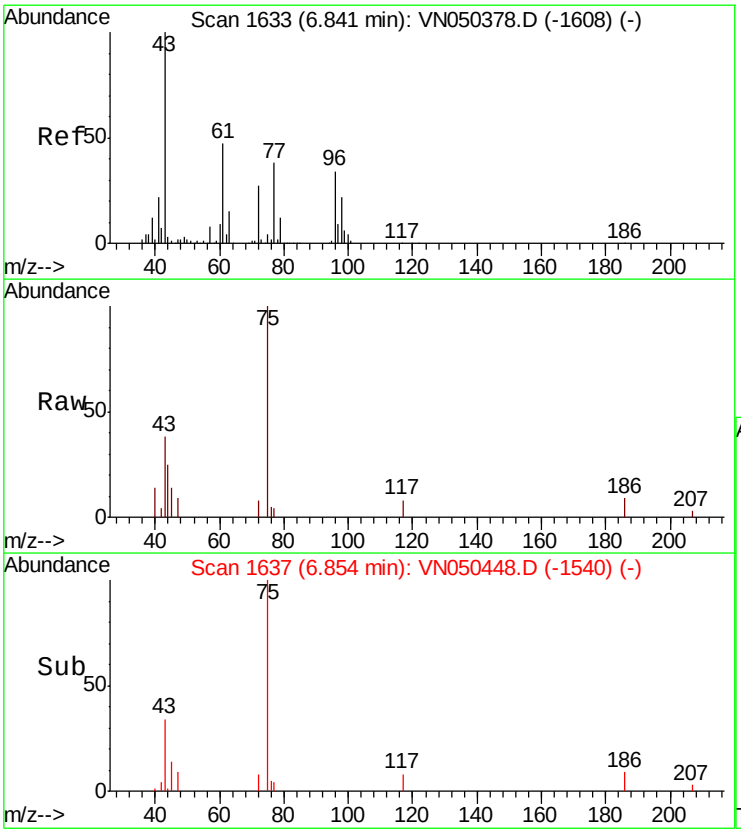
#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 43 Resp: 14557

Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.2	28.8

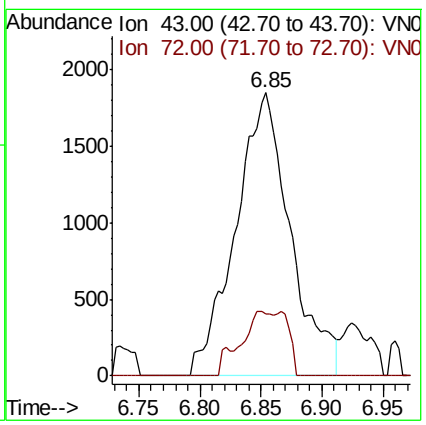


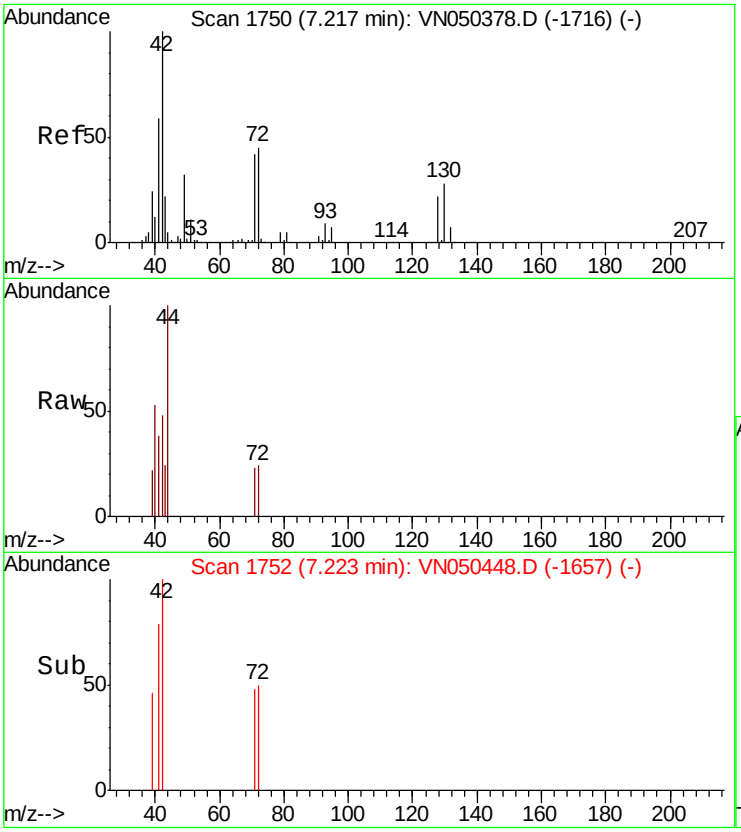


#25
2-Butanone
Concen: 1.04 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 43 Resp: 5771

Ion	Ratio	Lower	Upper
43	100		
72	21.9	21.5	32.3



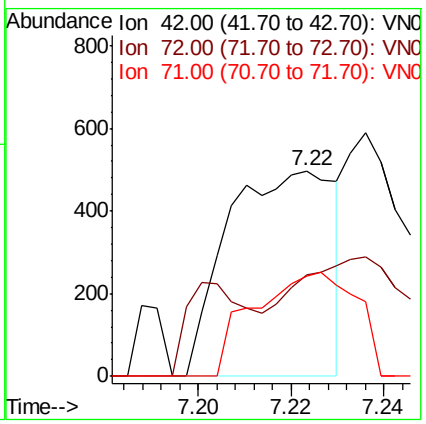


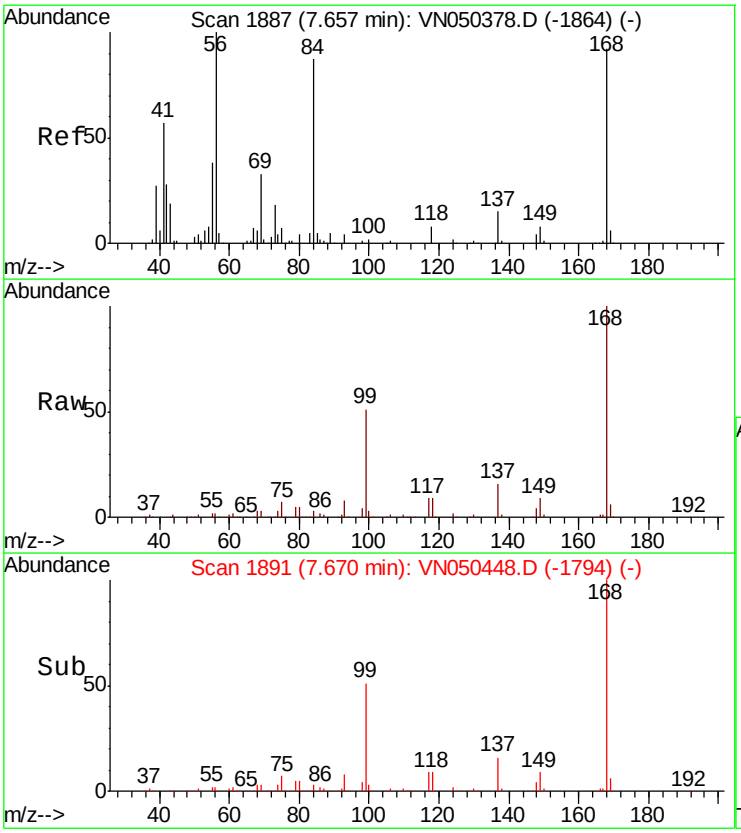
#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 42 Resp: 800

Ion	Ratio	Lower	Upper
42	100		
72	66.3	35.9	53.9#
71	48.3	33.7	50.5

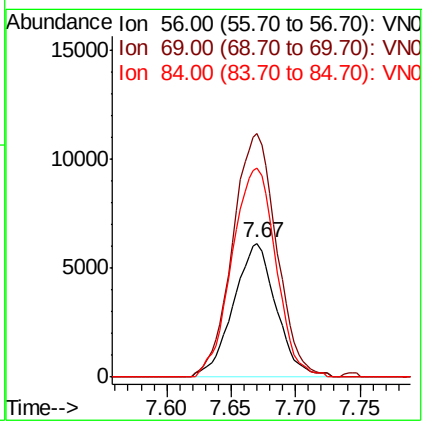


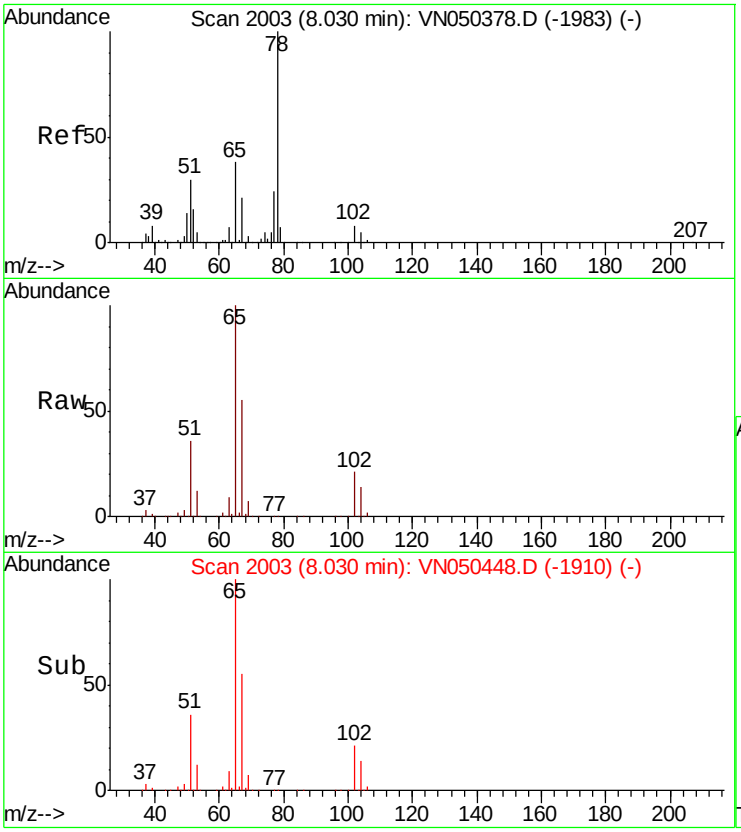


#31
Cyclohexane
Concen: 0.26 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 56 Resp: 14224

Ion	Ratio	Lower	Upper
56	100		
69	181.9	26.2	39.4#
84	156.1	67.4	101.0#



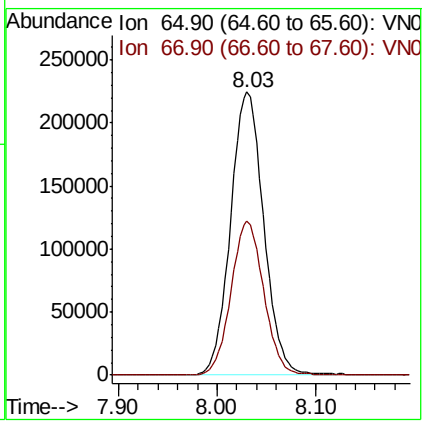


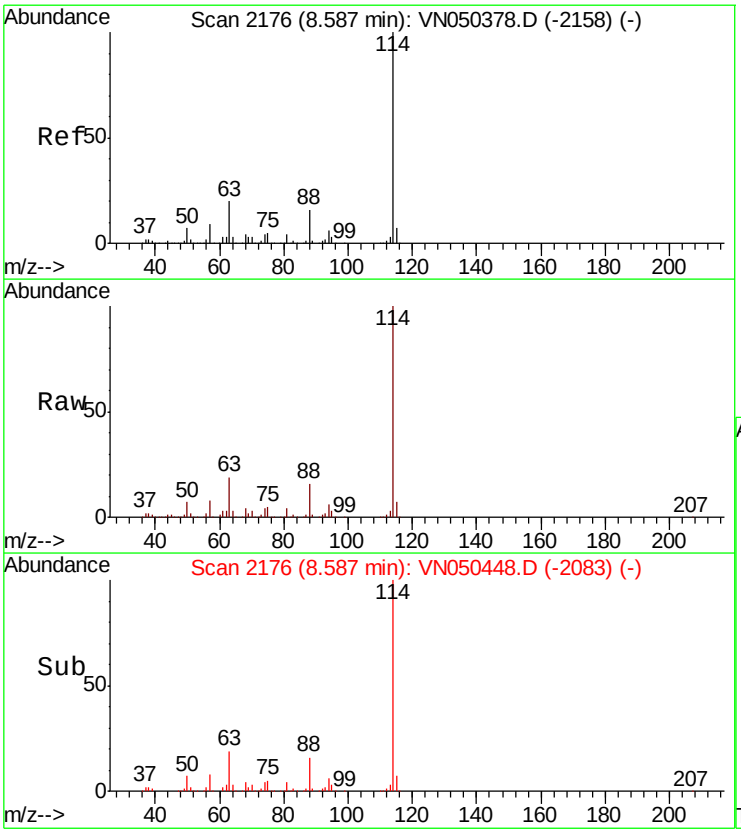
#33
1,2-Dichloroethane-d4
Concen: 47.01 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 65 Resp: 525622

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.4

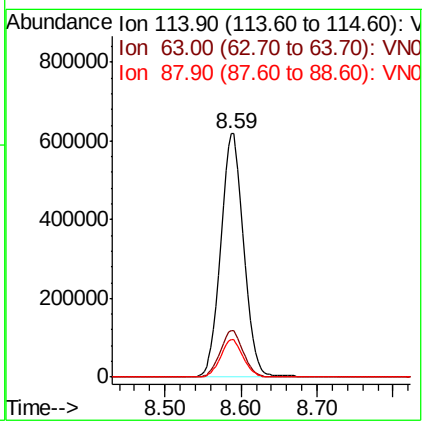


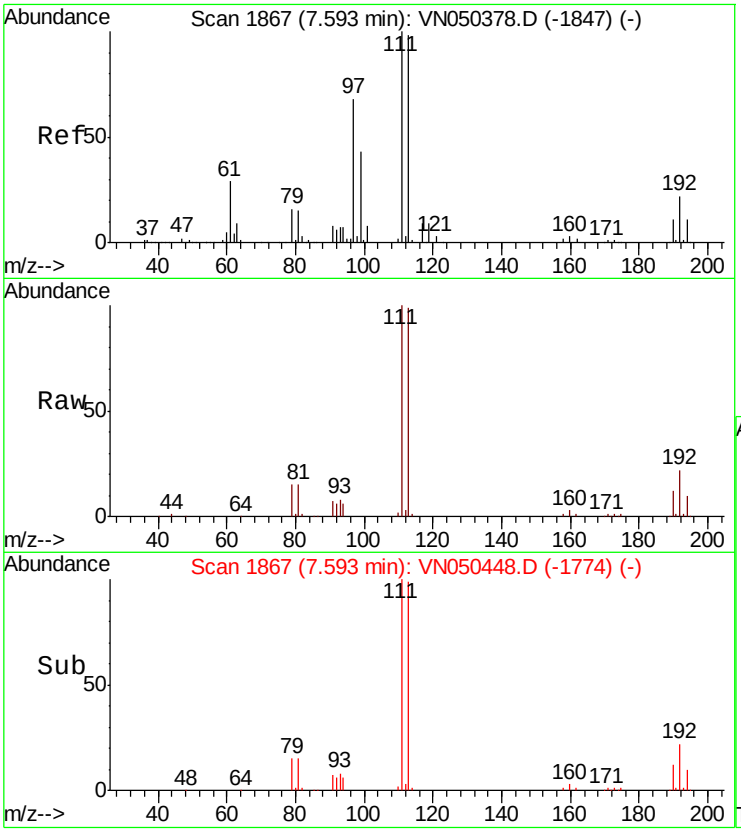


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:114 Resp: 1304465

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.6	0.0	31.2



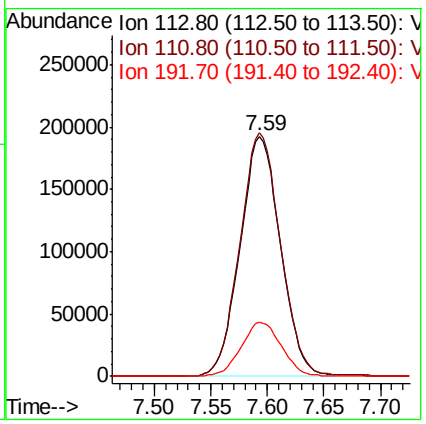


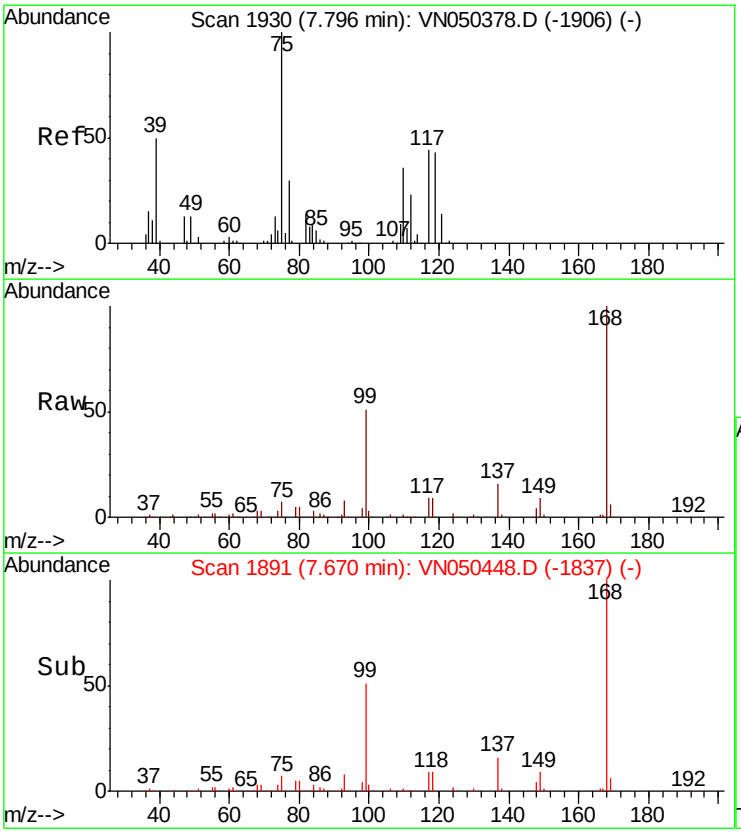
#35
Dibromofluoromethane
Concen: 45.70 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion:113 Resp: 478352

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	22.6	17.8	26.6

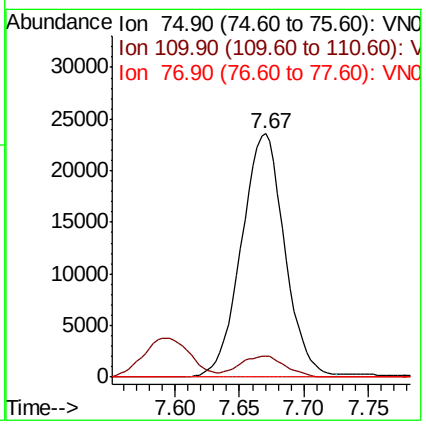


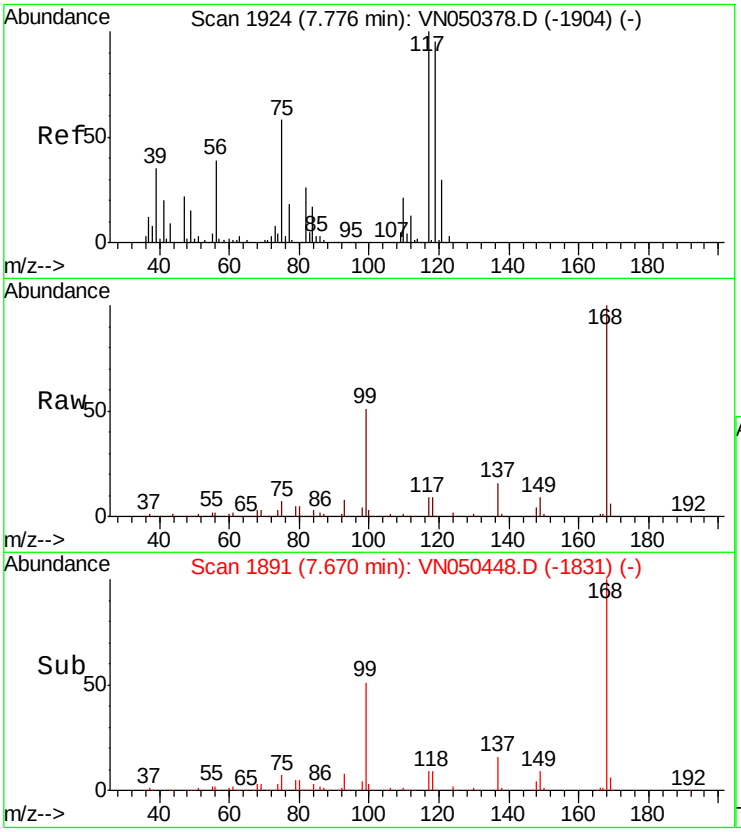


#36
1,1-Dichloropropene
Concen: 3.85 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.13 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 75 Resp: 55112

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.2#
77	0.0	25.3	37.9#



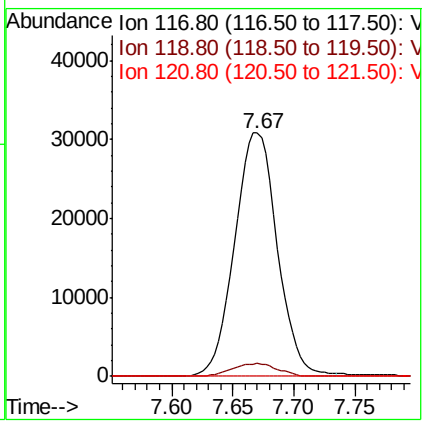


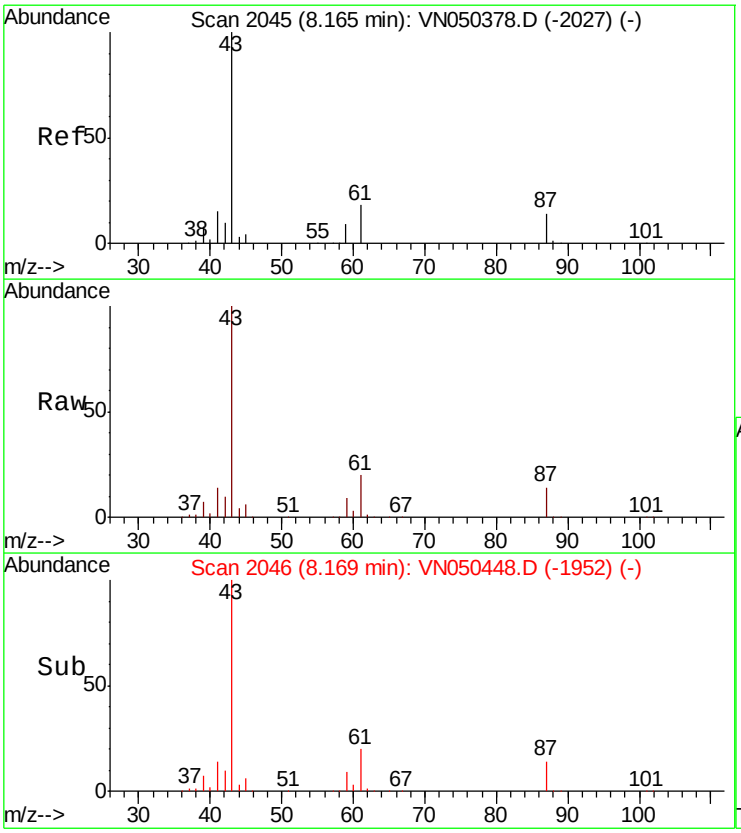
#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion:117 Resp: 74788

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	23.9	35.9#

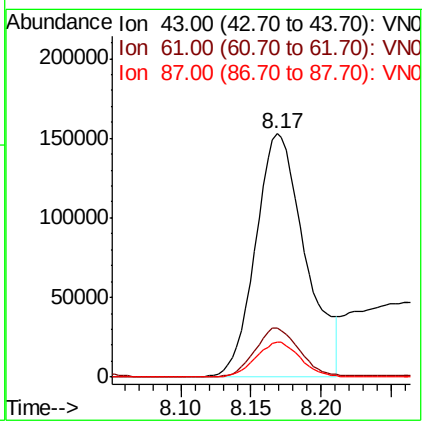


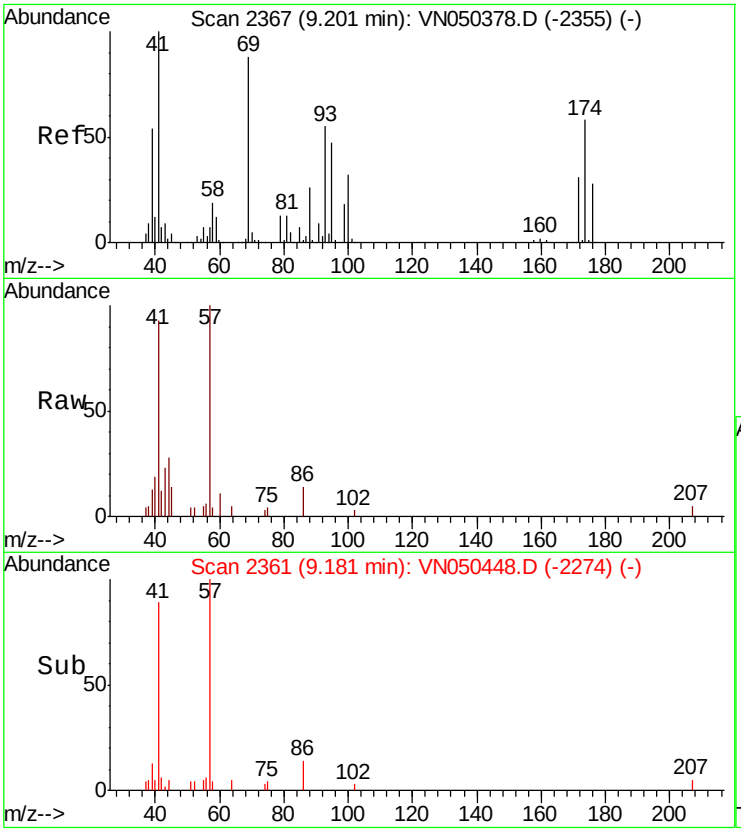


#43
Isopropyl Acetate
Concen: 21.03 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 43 Resp: 374656

Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.8	23.6
87	12.9	10.3	15.5



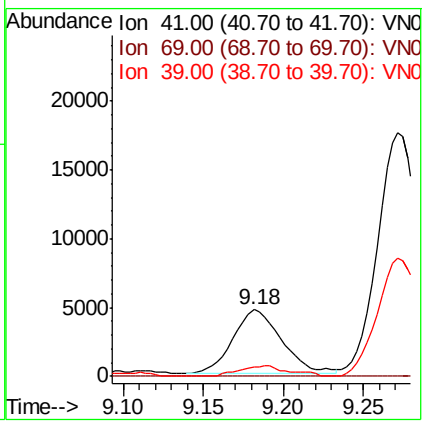


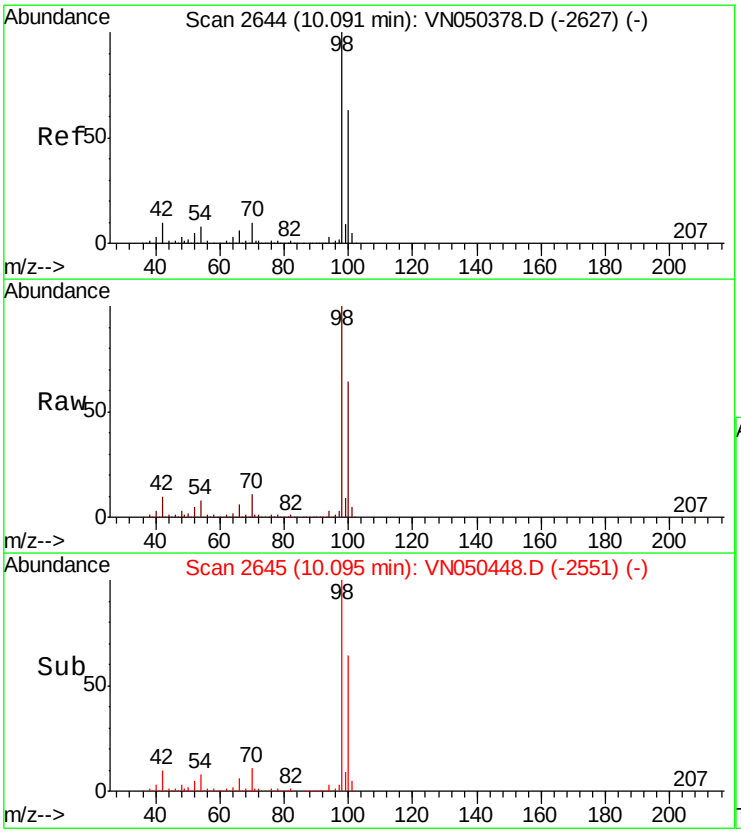
#48
Methyl methacrylate
Concen: 1.09 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 41 Resp: 9718

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	16.9	43.9	65.9#

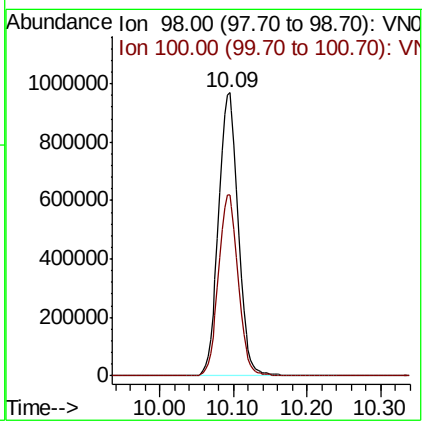


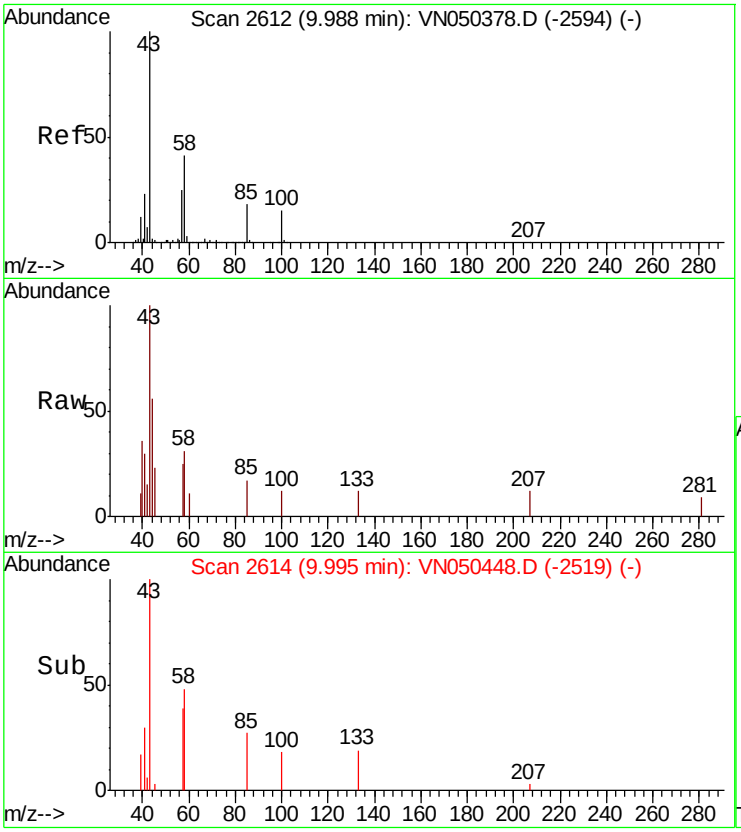


#50
Toluene-d8
Concen: 45.85 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 98 Resp: 1804350

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1



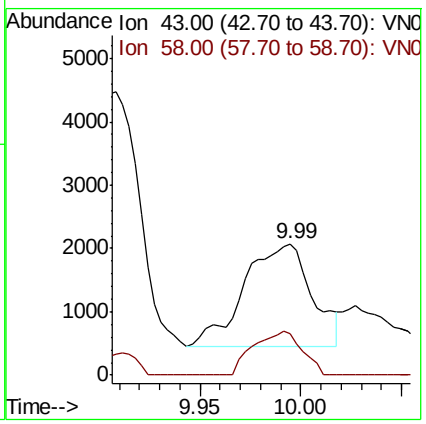


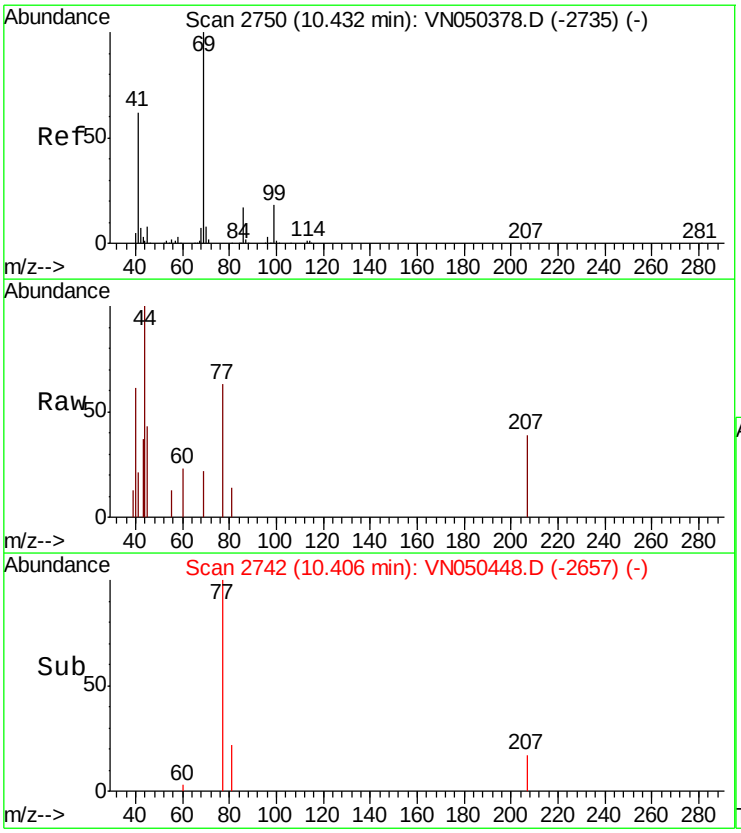
#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 43 Resp: 3800

Ion	Ratio	Lower	Upper
43	100		
58	30.8	31.9	47.9#

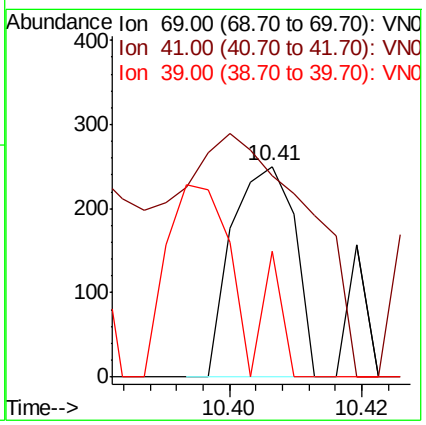


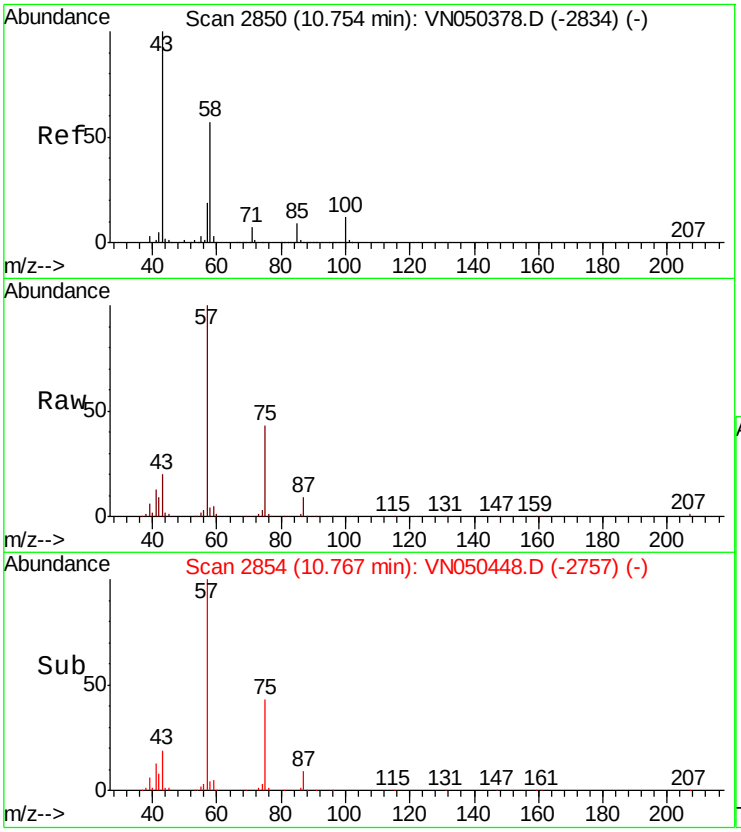


#56
Ethyl methacrylate
Concen: 1.72 ug/l
RT: 10.41 min Scan# 2742
Delta R.T. -0.03 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 69 Resp: 164

Ion	Ratio	Lower	Upper
69	100		
41	219.5	51.0	76.4#
39	107.9	26.6	40.0#



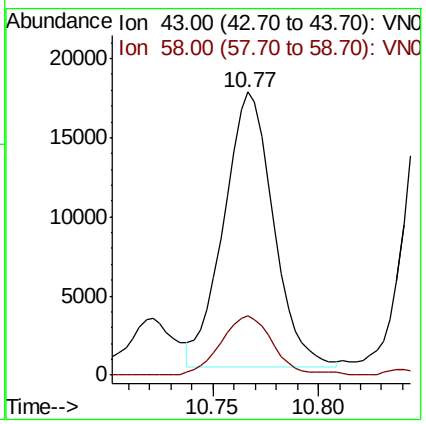


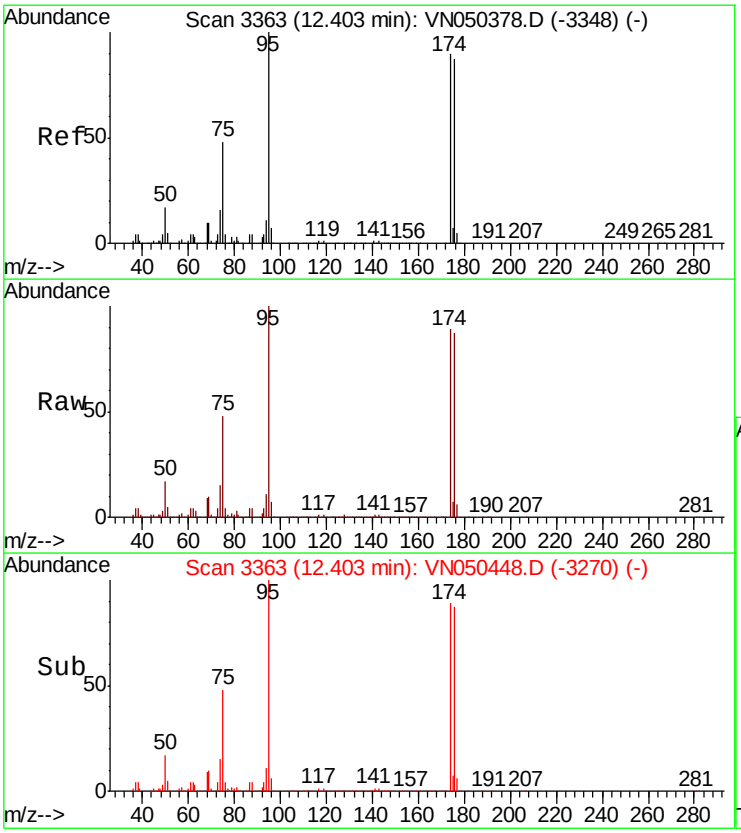
#59
2-Hexanone
Concen: 3.16 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 43 Resp: 28339

Ion	Ratio	Lower	Upper
43	100		
58	22.8	27.6	82.7#

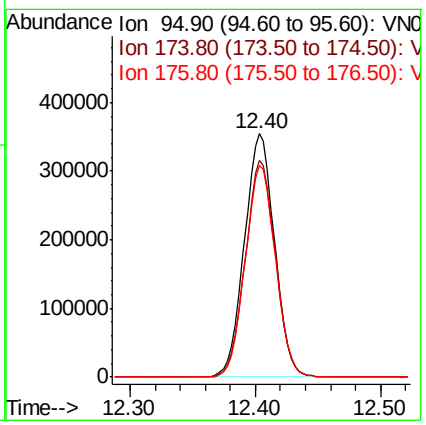


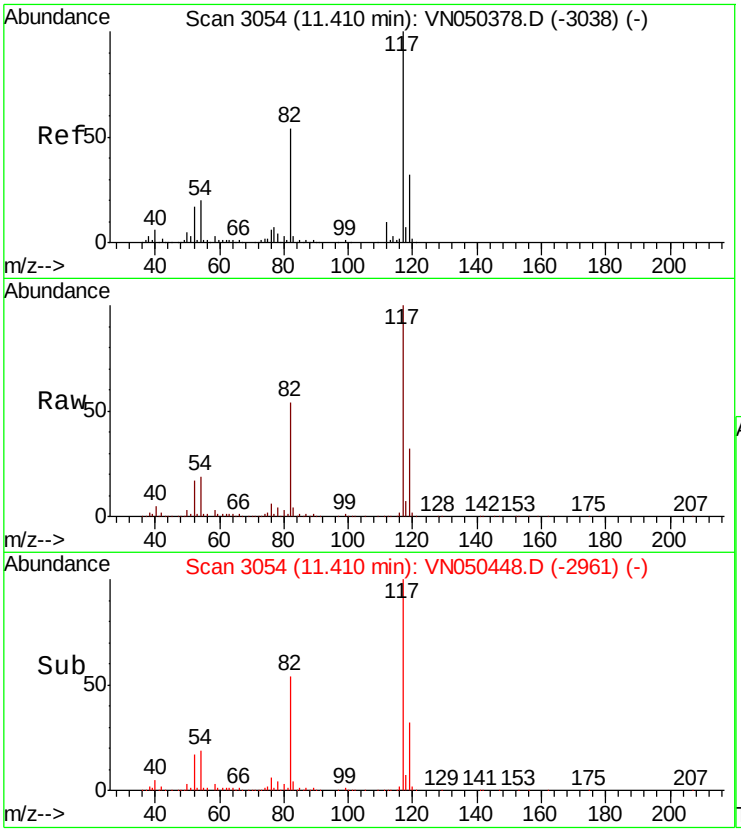


#62
4-Bromofluorobenzene
Concen: 44.14 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 95 Resp: 592019

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	178.2
176	87.2	0.0	173.4



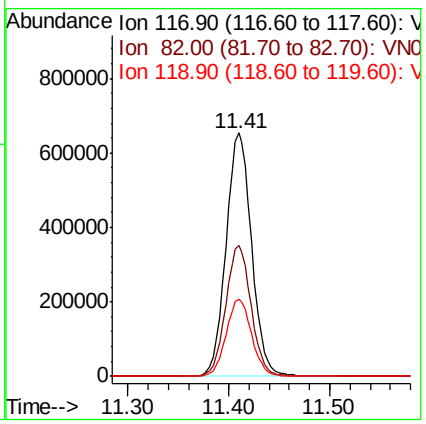


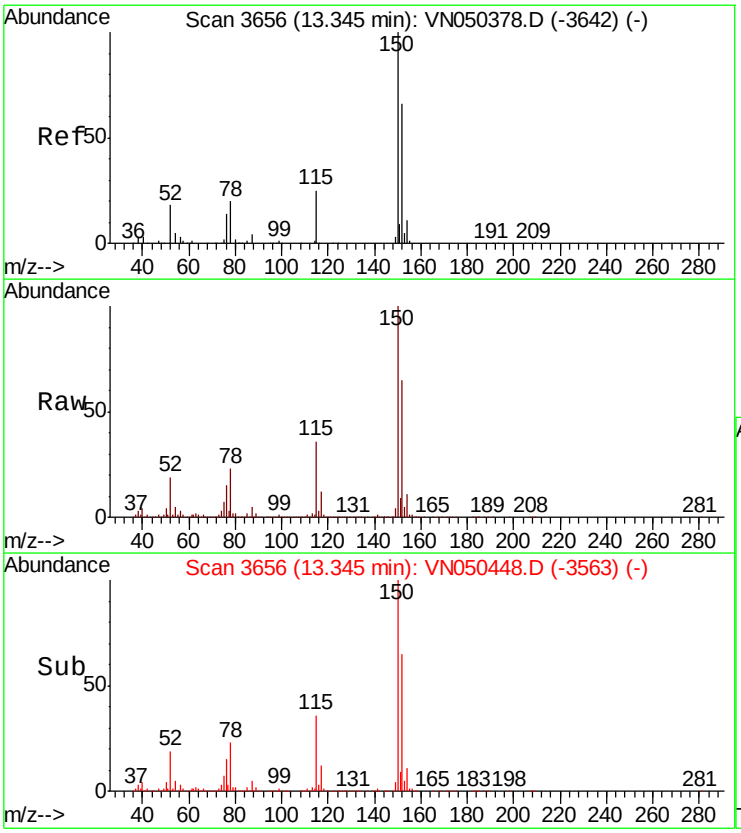
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion:117 Resp: 1154893

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	31.8	26.1	39.1

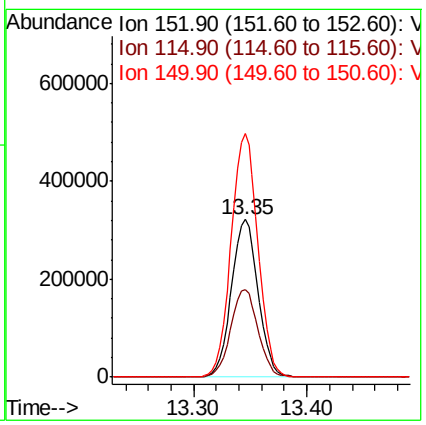


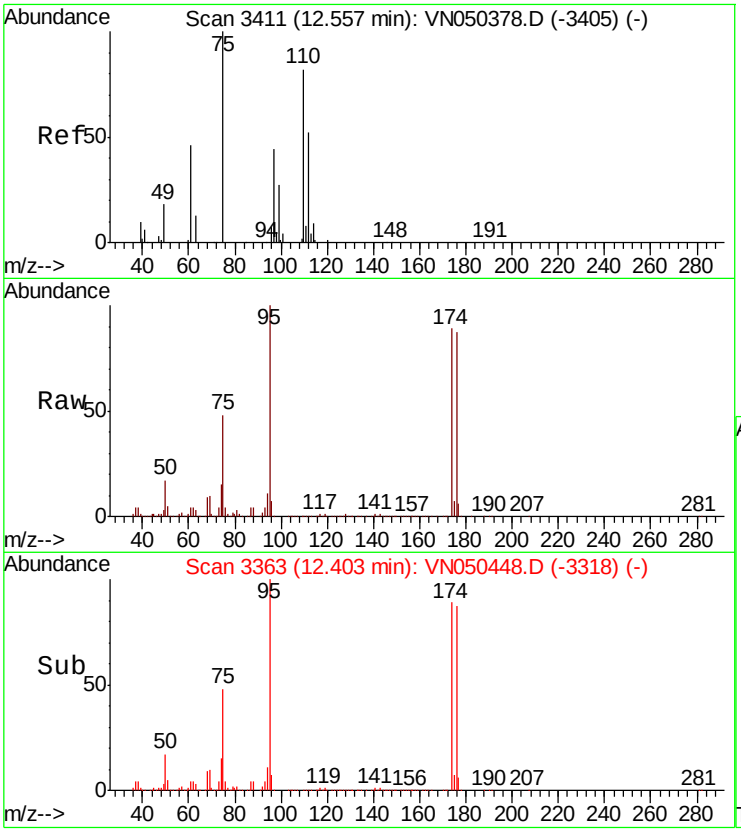


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:152 Resp: 526980

Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.8	83.3
150	155.0	0.0	348.6



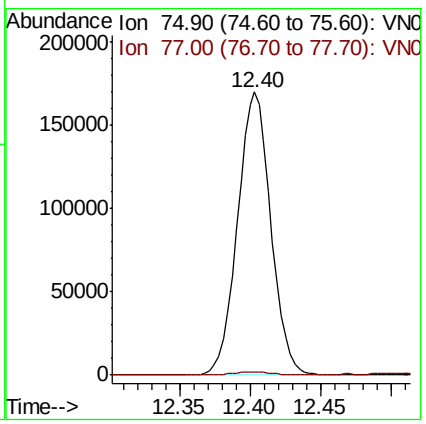


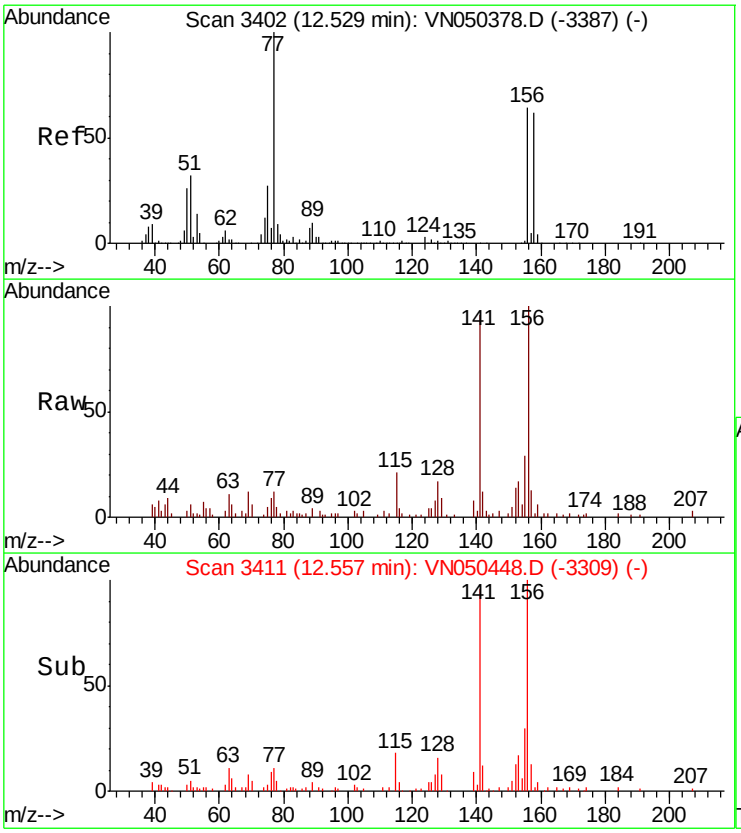
#76
1,2,3-Trichloropropane
Concen: 29.43 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument : MSVOA_N
ClientSampleId : PB111813ZHE#02

Tgt Ion: 75 Resp: 280716

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

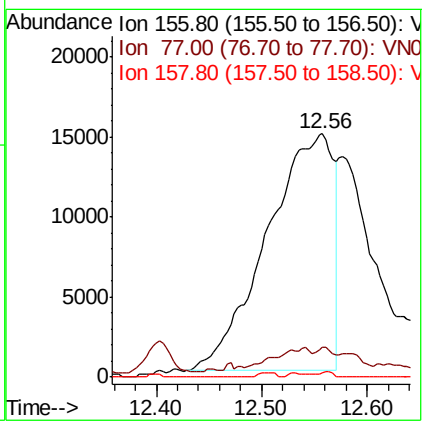


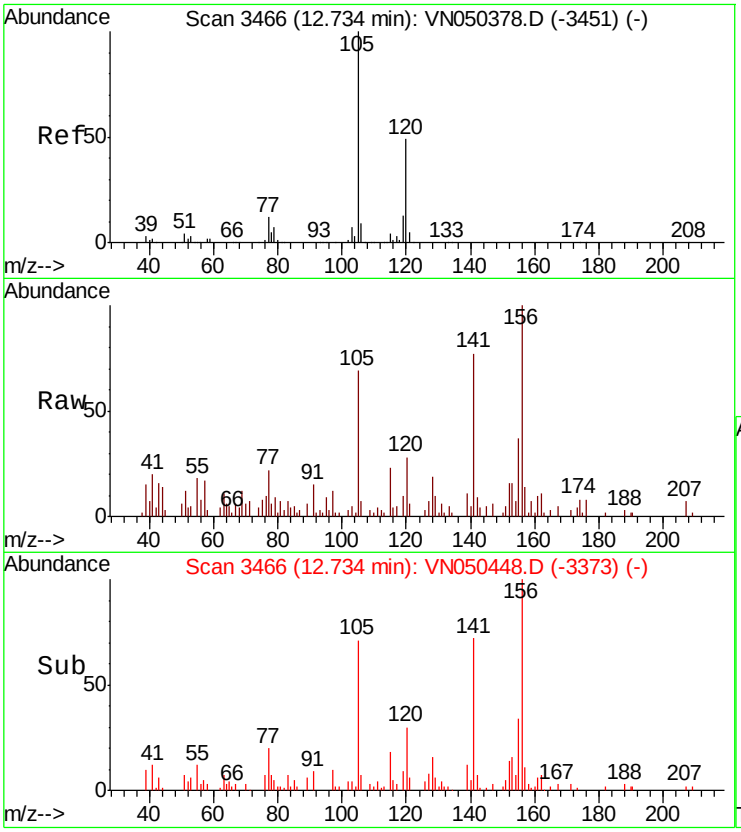


#77
Bromobenzene
Concen: 6.11 ug/l
RT: 12.56 min Scan# 3411
Delta R.T. 0.03 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:156 Resp: 64746

Ion	Ratio	Lower	Upper
156	100		
77	0.5	91.7	275.1#
158	0.4	48.9	146.6#



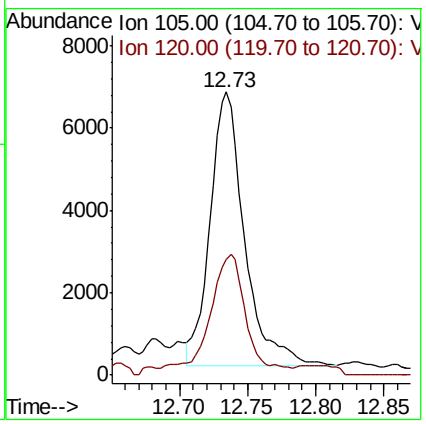


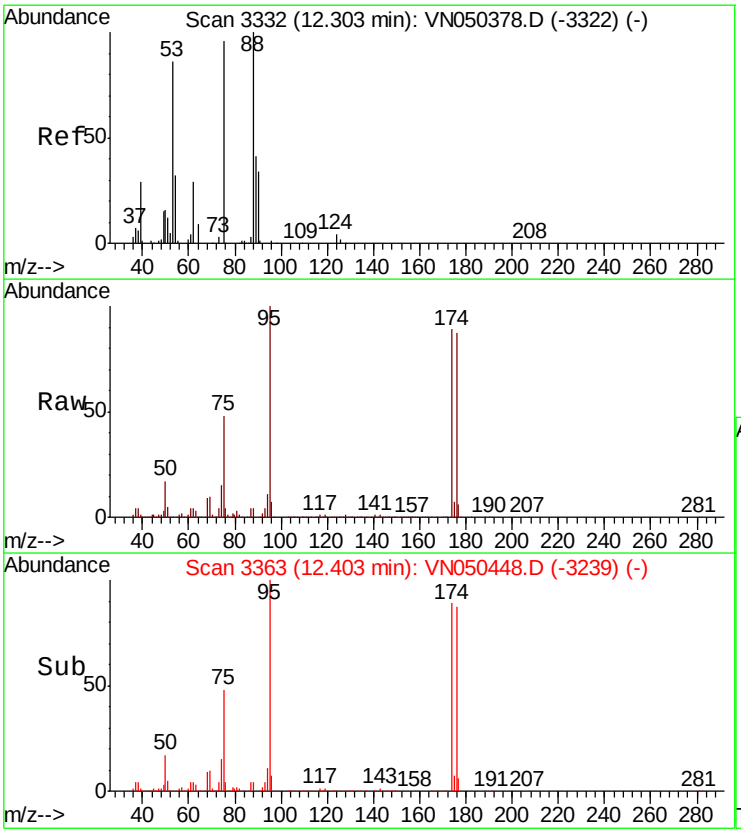
#80
1,3,5-Trimethylbenzene
Concen: 0.36 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion:105 Resp: 11587

Ion	Ratio	Lower	Upper
105	100		
120	41.0	24.4	73.2

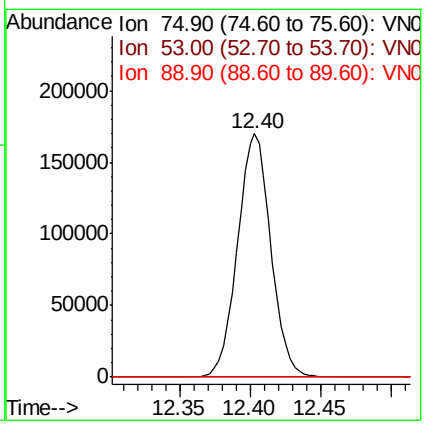


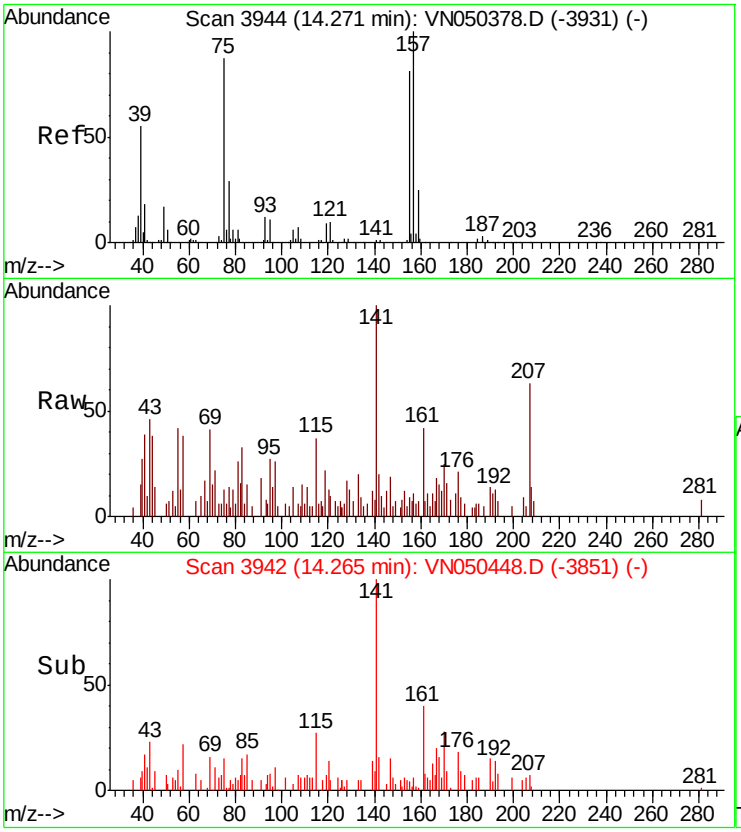


#81
trans-1,4-Dichloro-2-butene
Concen: 103.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion: 75 Resp: 280716

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.5	110.3#
89	0.0	36.0	54.0#



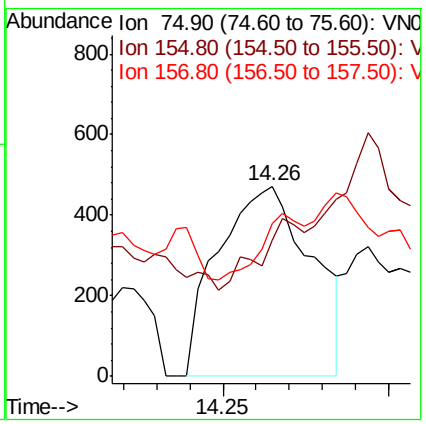


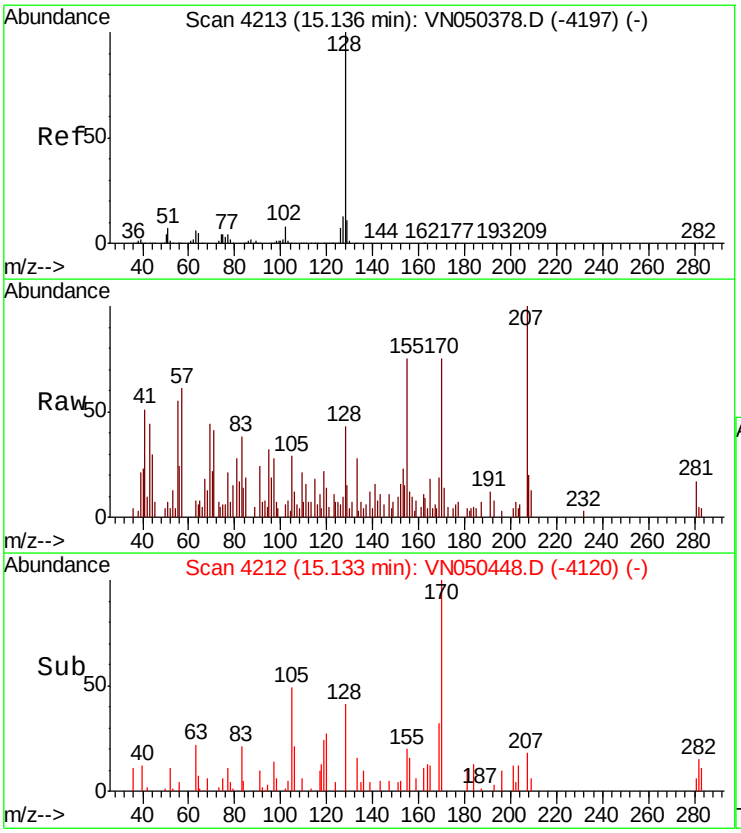
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.48 ug/l
RT: 14.26 min Scan# 3942
Delta R.T. -0.01 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Instrument :
MSVOA_N
ClientSampleId :
PB111813ZHE#02

Tgt Ion: 75 Resp: 925

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	15.4	57.2	171.6#





#95
Naphthalene
Concen: 3.66 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050448.D
Acq: 7 Aug 2018 22:03

Tgt Ion:128 Resp: 1058

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#