Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081618\

Quantitation Report (Not Reviewed)

Data File : VN050697.D
Acq On : 16 Aug 2018 13:25
Operator : MD\SY
Sample : PB112098ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Quant Time: Aug 17 03:02:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1008633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	414174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467751	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.28%			
35) Dibromofluoromethane	7.59	113	432946	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.00%			
50) Toluene-d8	10.09	98	1563407	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.12%			
62) 4-Bromofluorobenzene	12.40	95	466675	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.24%			
Target Compounds						Qvalue
3) Chloromethane	2.06	50	1974	Below Cal		97
5) Bromomethane	2.57	94	2134	Below Cal	#	68
6) Chloroethane	2.71	64	155	Below Cal	#	1
10) Methyl Iodide	3.94	142	95	6.963	ug/l #	42
16) Acetone	3.82	43	20852	8.534	ug/l	97
18) Methyl Acetate	4.34	43	8944	0.530	ug/l #	72
20) Methylene Chloride	4.56	84	15458	0.680	ug/l	94
25) 2-Butanone	6.85	43	4574	1.327	ug/l	91
31) Cyclohexane	7.67	56	12100	0.608	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47746	3.797	ug/l #	43
38) Carbon Tetrachloride	7.67	117	59971	4.597	ug/l #	17
43) Isopropyl Acetate	8.17	43	267244	20.629	ug/l	98
48) Methyl methacrylate	9.18	41	7743	1.188	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2595	0.296	ug/l #	82
56) Ethyl methacrylate	10.23	69	2363	2.114	ug/l #	49
59) 2-Hexanone	10.77	43	19246	3.404	ug/l #	59
70) Styrene	11.97	104	269	0.951	ug/l #	42
71) Bromoform	12.40	173	2653	0.425	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	101	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	220973	32.666	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	220973	118.614	ug/l #	13
95) Naphthalene	15.13	128	449	3.887	ug/l #	69

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

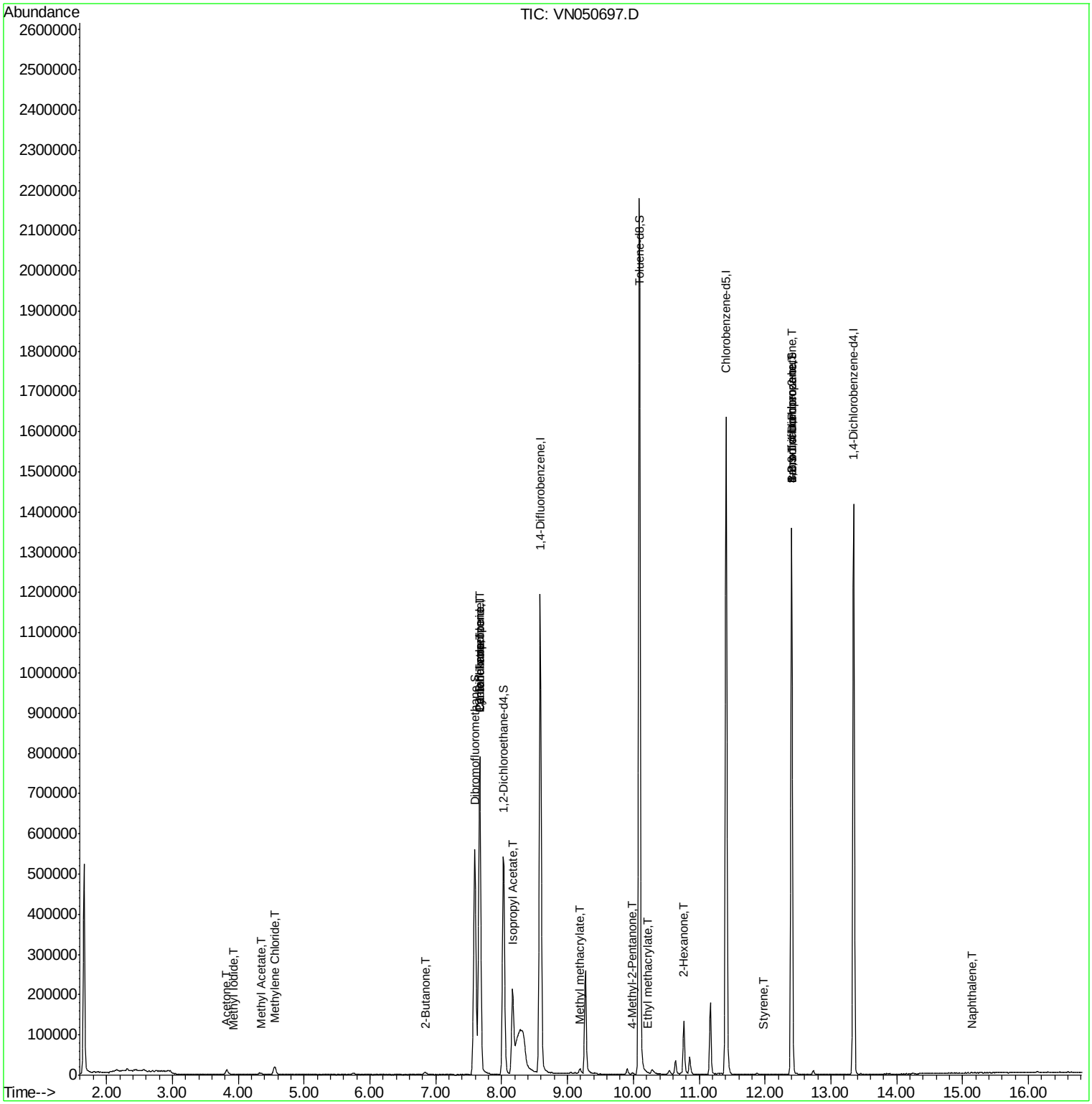
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081618\

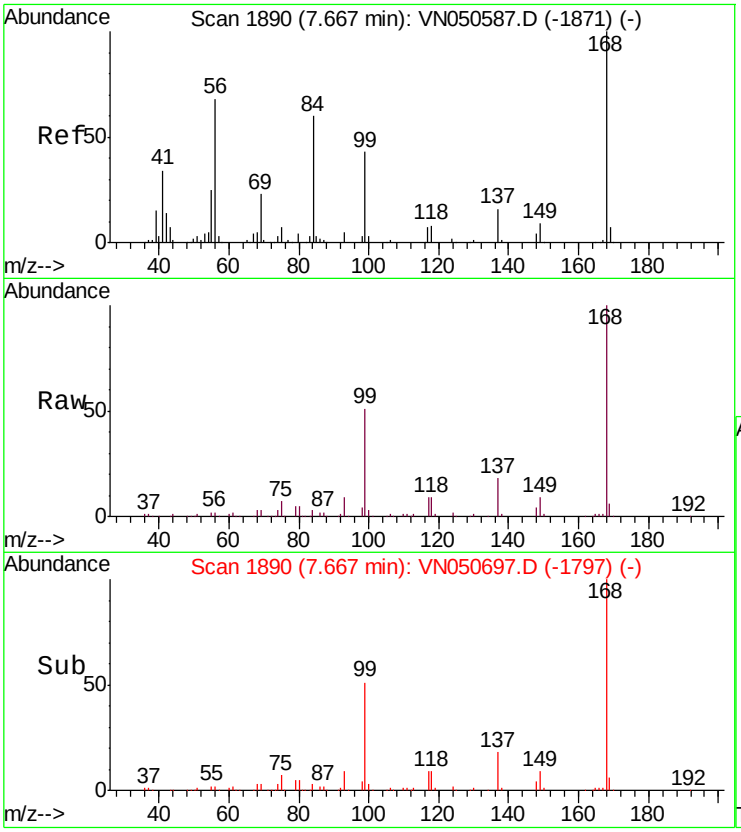
Quantitation Report (Not Reviewed)

Data File : VN050697.D
Acq On : 16 Aug 2018 13:25
Operator : MD\SY
Sample : PB112098ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Quant Time: Aug 17 03:02:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration



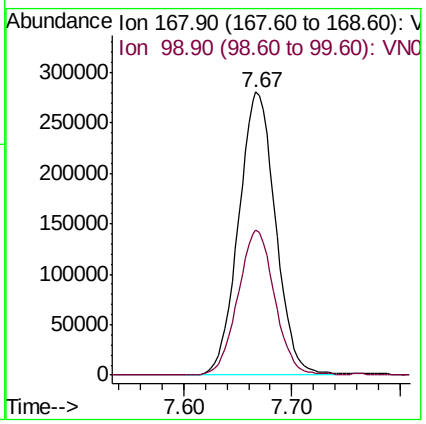


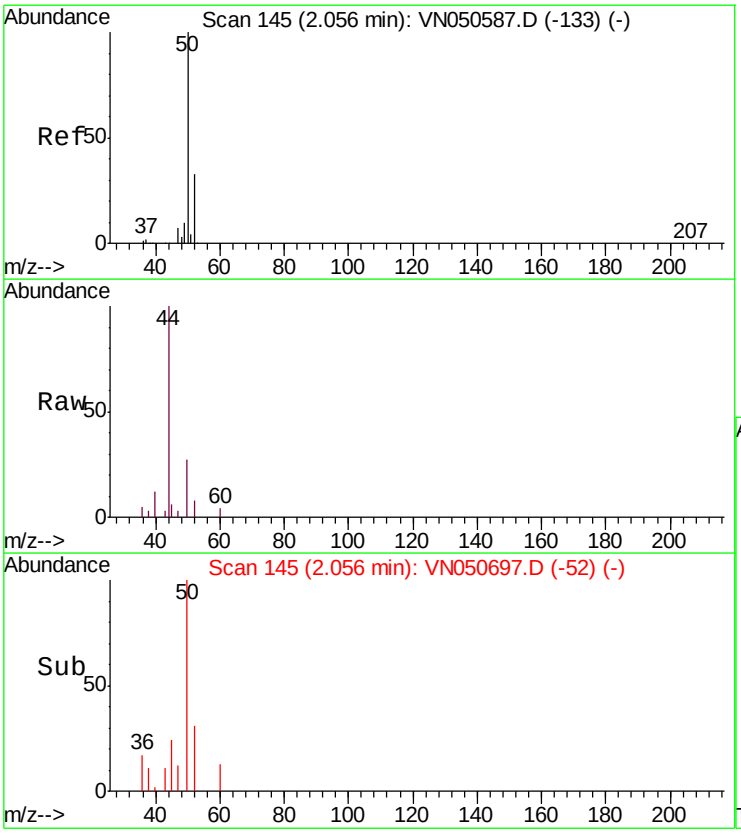
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion:168 Resp: 666910

Ion	Ratio	Lower	Upper
168	100		
99	51.3	40.8	61.2

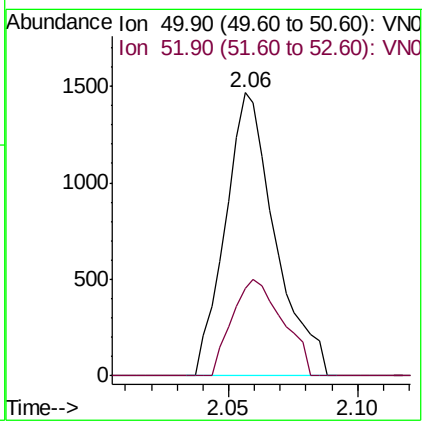


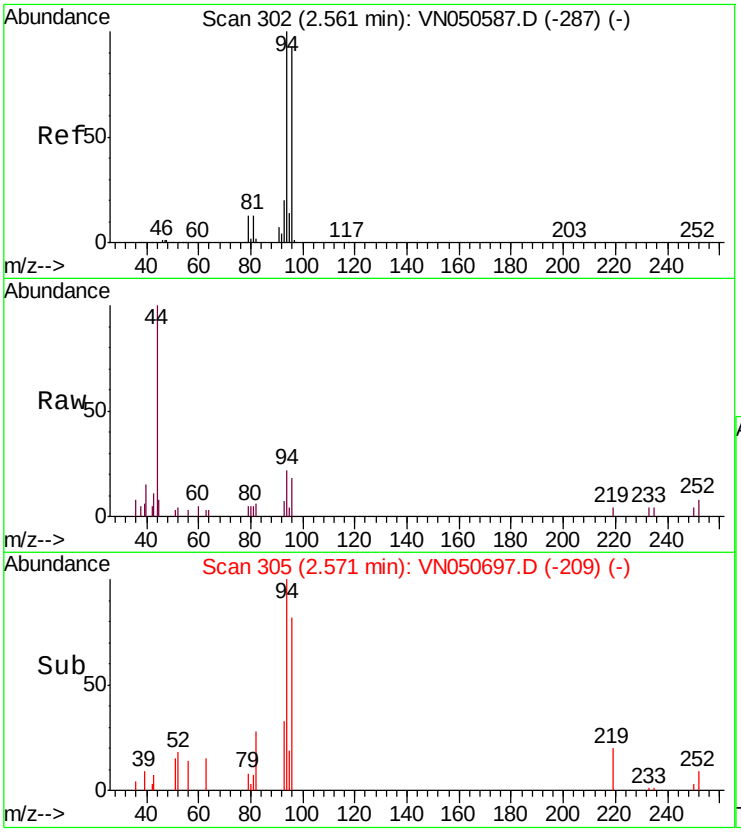


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 50 Resp: 1974

Ion	Ratio	Lower	Upper
50	100		
52	30.9	26.0	39.0



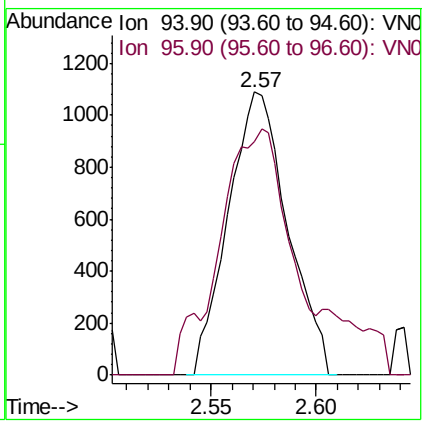


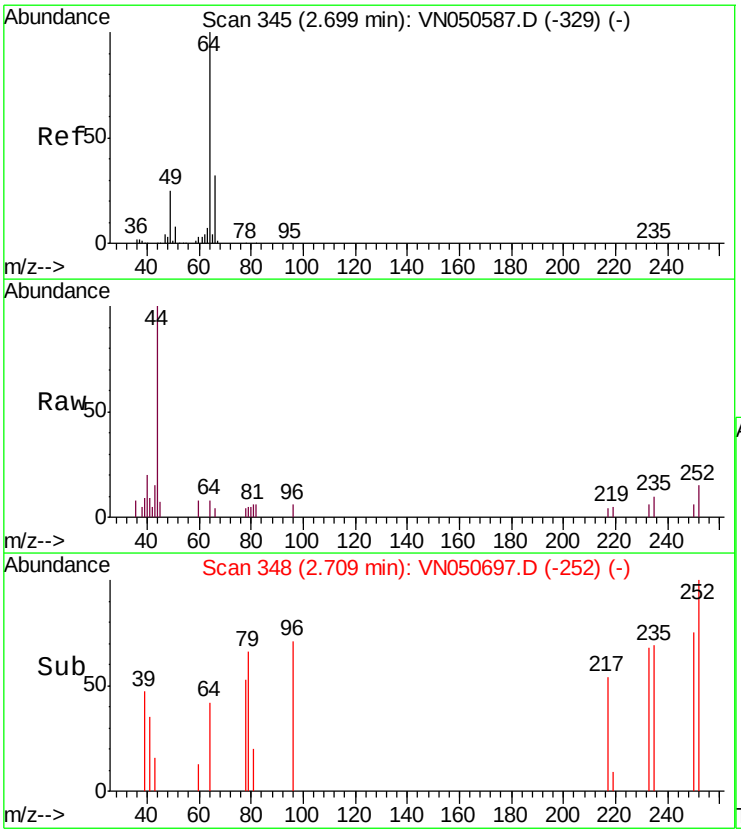
#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 305
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion: 94 Resp: 2134

Ion	Ratio	Lower	Upper
94	100		
96	61.9	74.0	111.0#

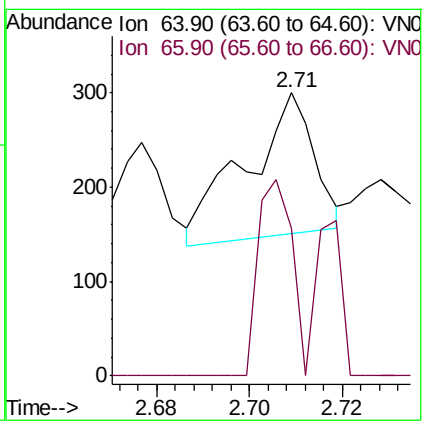


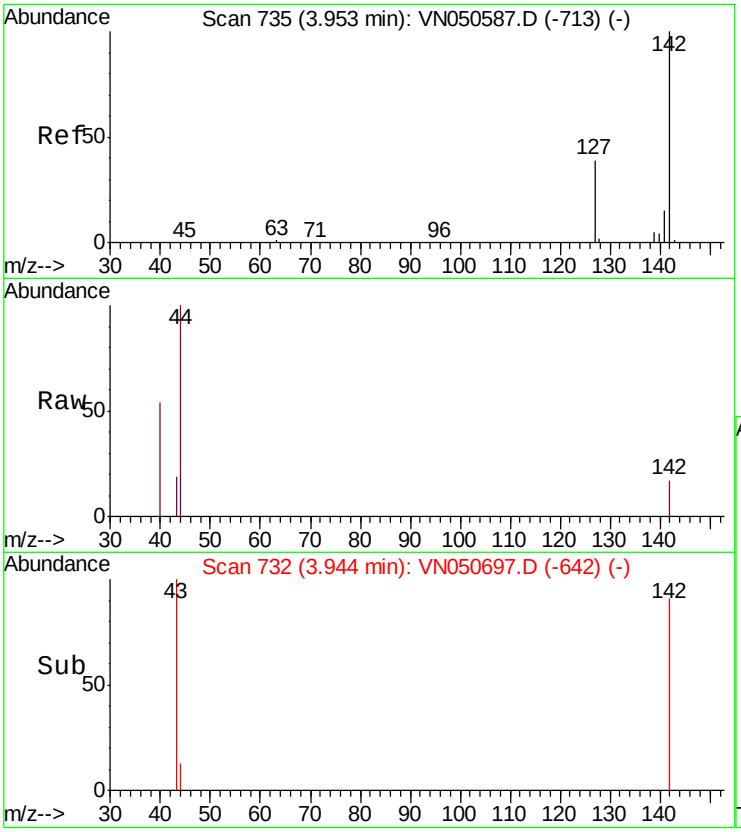


#6
Chloroethane
Concen: Below Cal
RT: 2.71 min Scan# 348
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 64 Resp: 155

Ion	Ratio	Lower	Upper
64	100		
66	109.8	25.7	38.5#



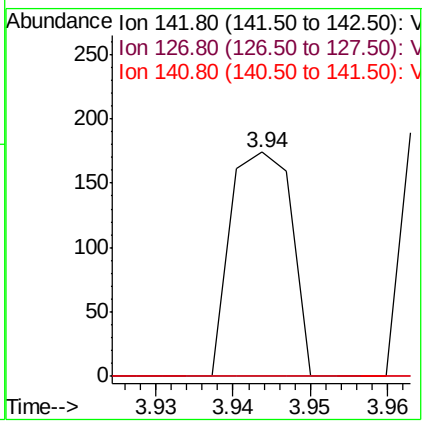


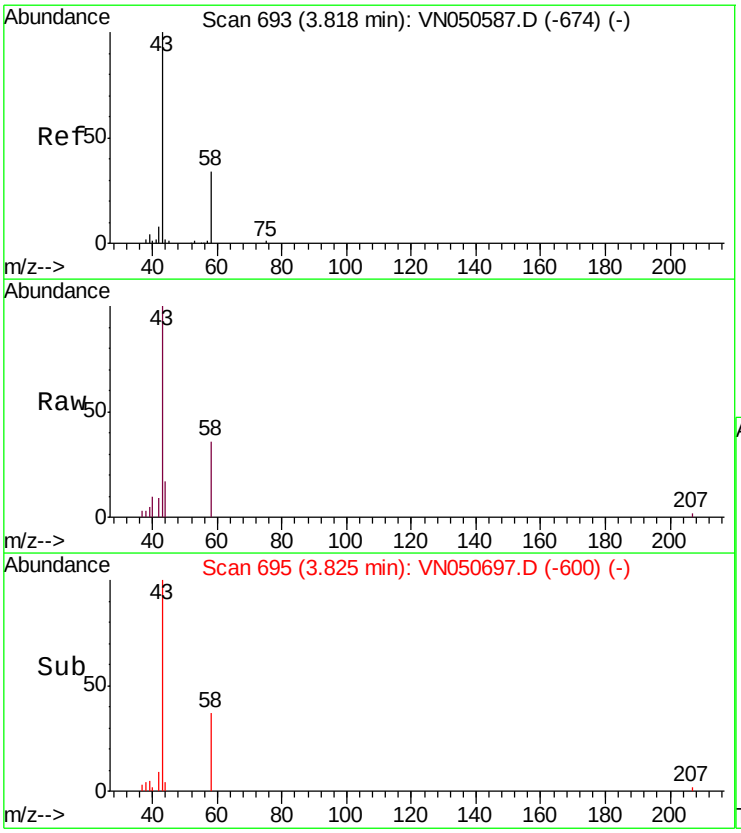
#10
Methyl Iodide
Concen: 6.963 ug/l
RT: 3.94 min Scan# 732
Delta R.T. -0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion:142 Resp: 95

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.6	49.0#
141	0.0	11.5	17.3#

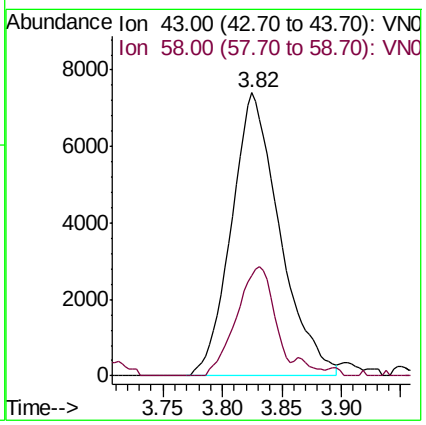


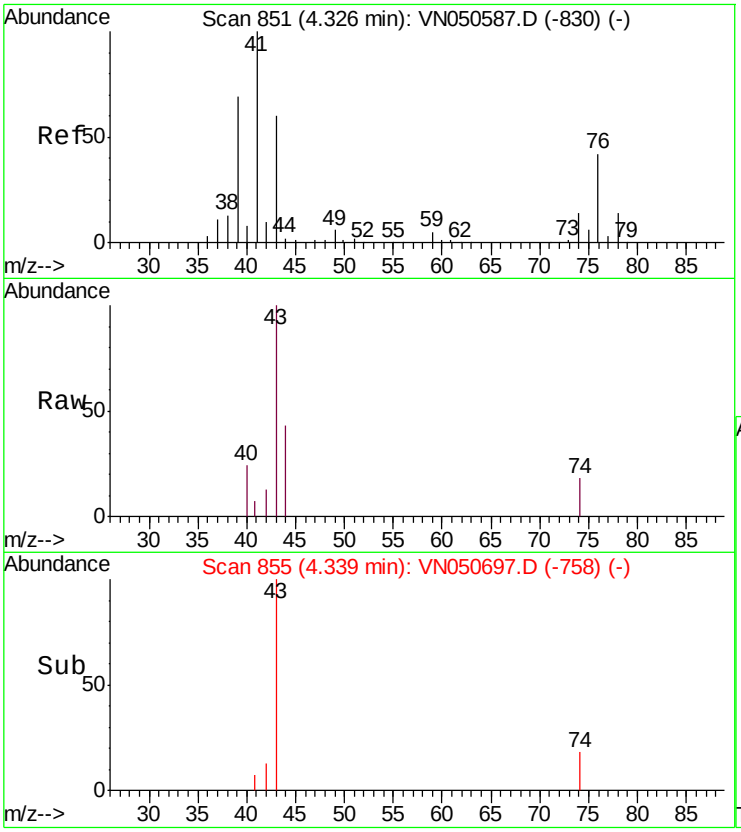


#16
Acetone
Concen: 8.534 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 43 Resp: 20852

Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.1	40.7



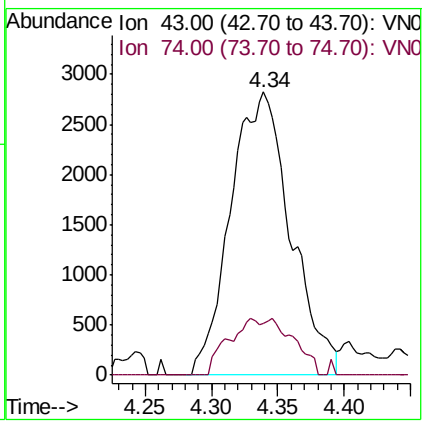


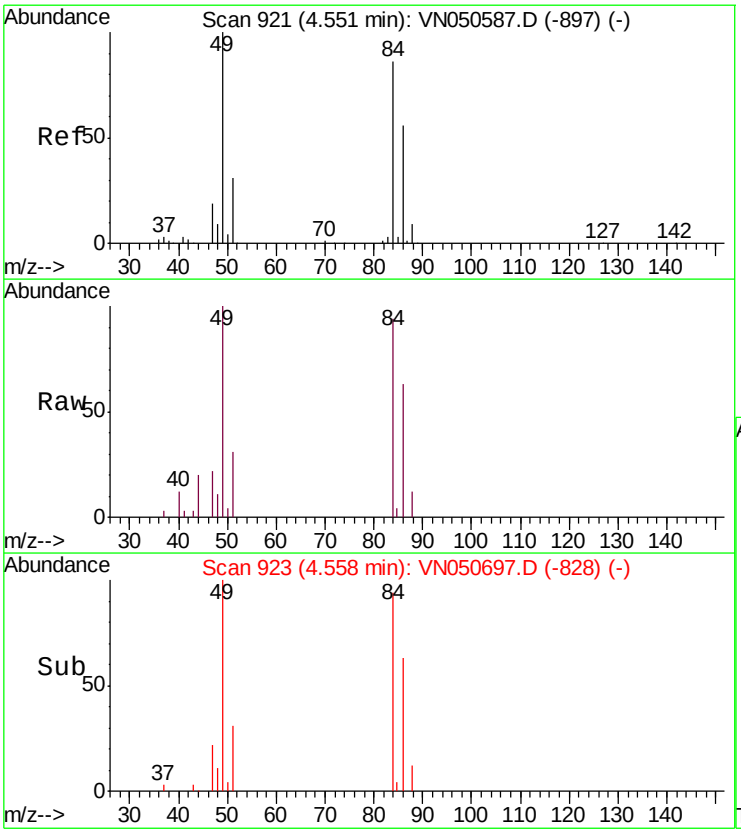
#18
Methyl Acetate
Concen: 0.530 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 43 Resp: 8944

Ion	Ratio	Lower	Upper
43	100		
74	10.4	19.7	29.5#

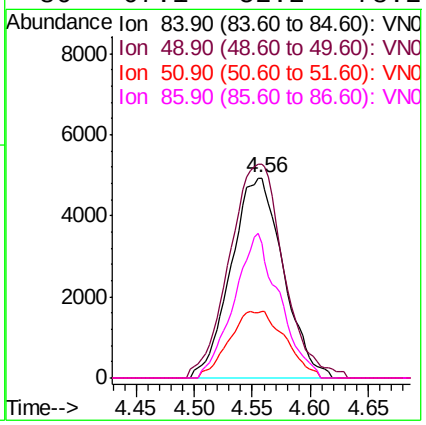


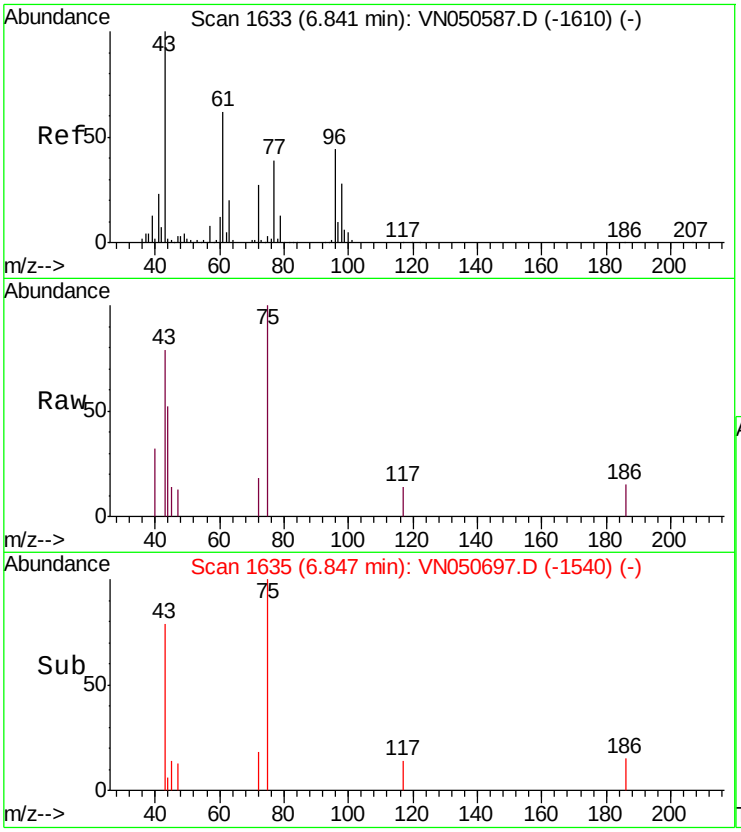


#20
Methylene Chloride
Concen: 0.680 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 84 Resp: 15458

Ion	Ratio	Lower	Upper
84	100		
49	106.8	92.6	138.8
51	33.6	28.6	43.0
86	67.1	52.2	78.2



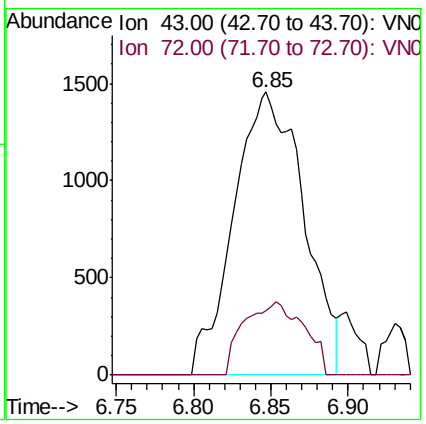


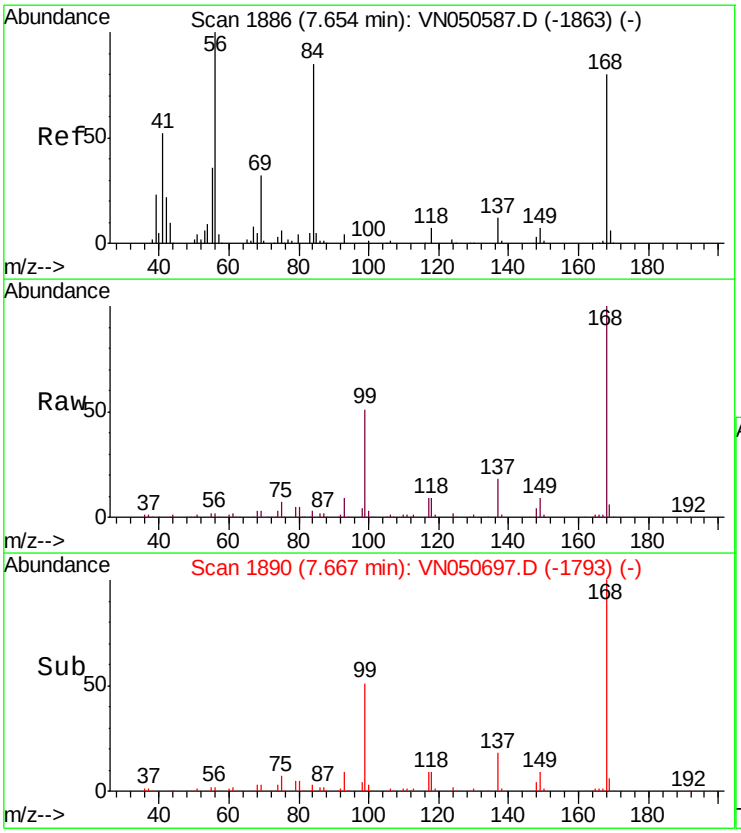
#25
2-Butanone
Concen: 1.327 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion: 43 Resp: 4574

Ion	Ratio	Lower	Upper
43	100		
72	22.6	21.8	32.6

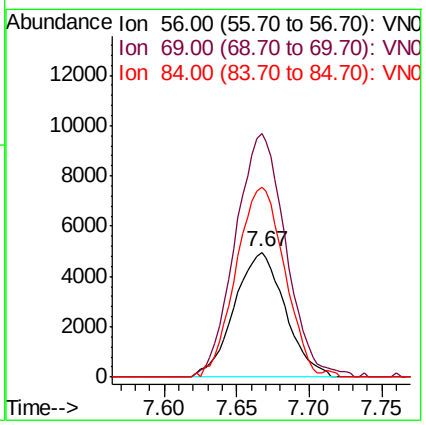


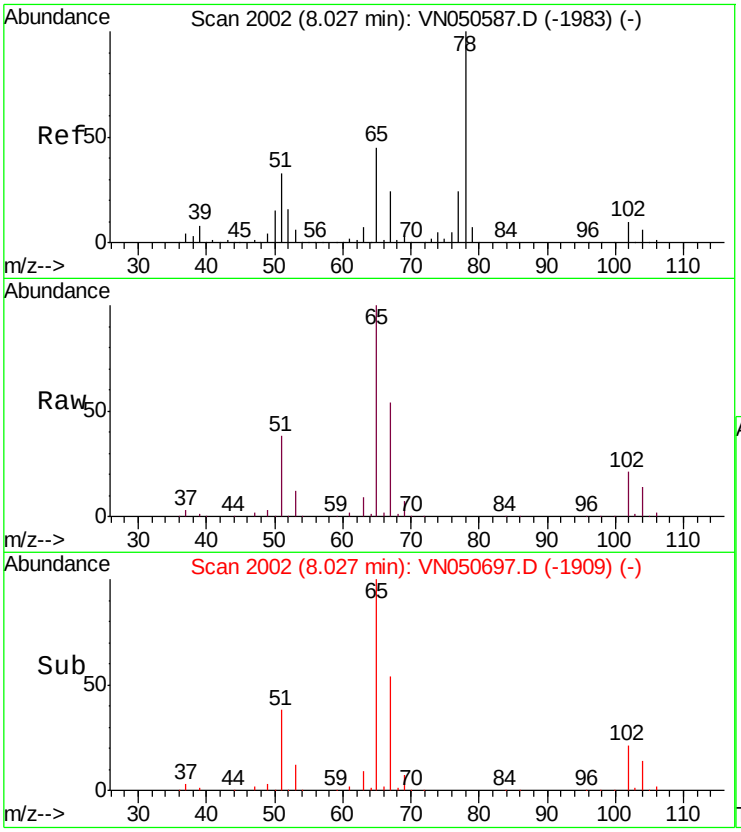


#31
Cyclohexane
Concen: 0.608 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 56 Resp: 12100

Ion	Ratio	Lower	Upper
56	100		
69	194.8	25.8	38.6#
84	151.8	67.8	101.6#



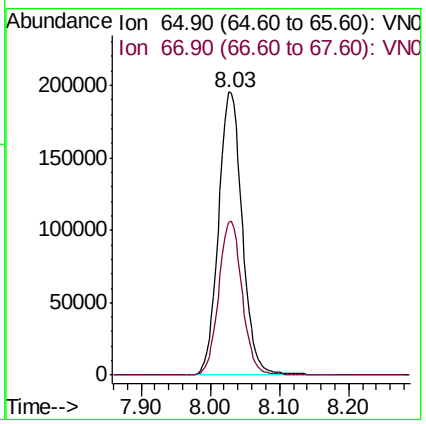


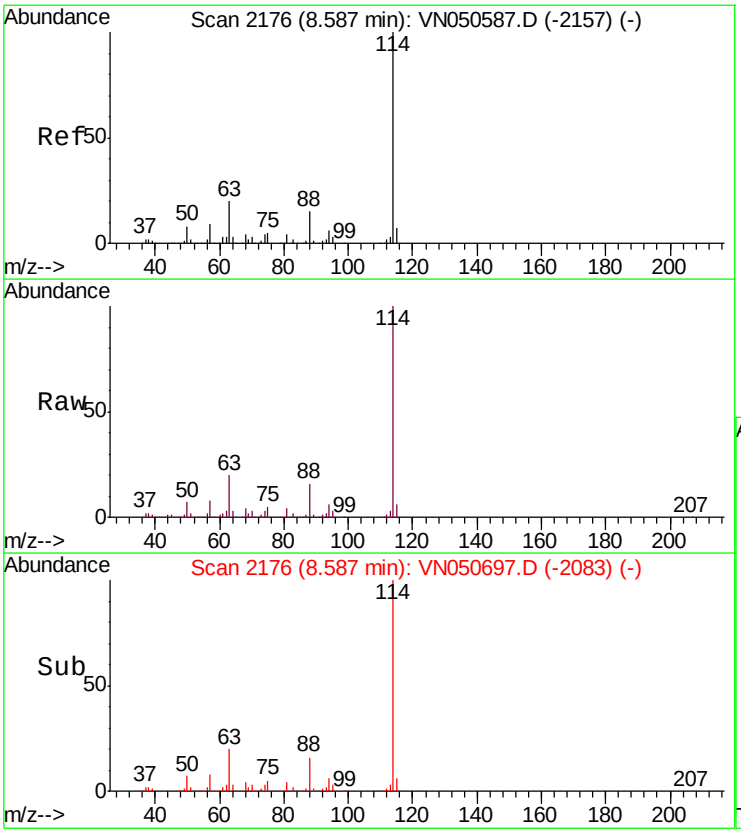
#33
1,2-Dichloroethane-d4
Concen: 55.642 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 65 Resp: 467751

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.8

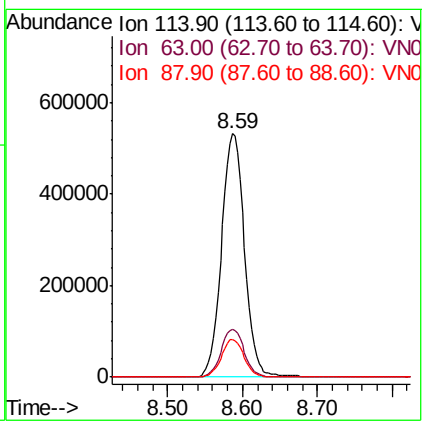


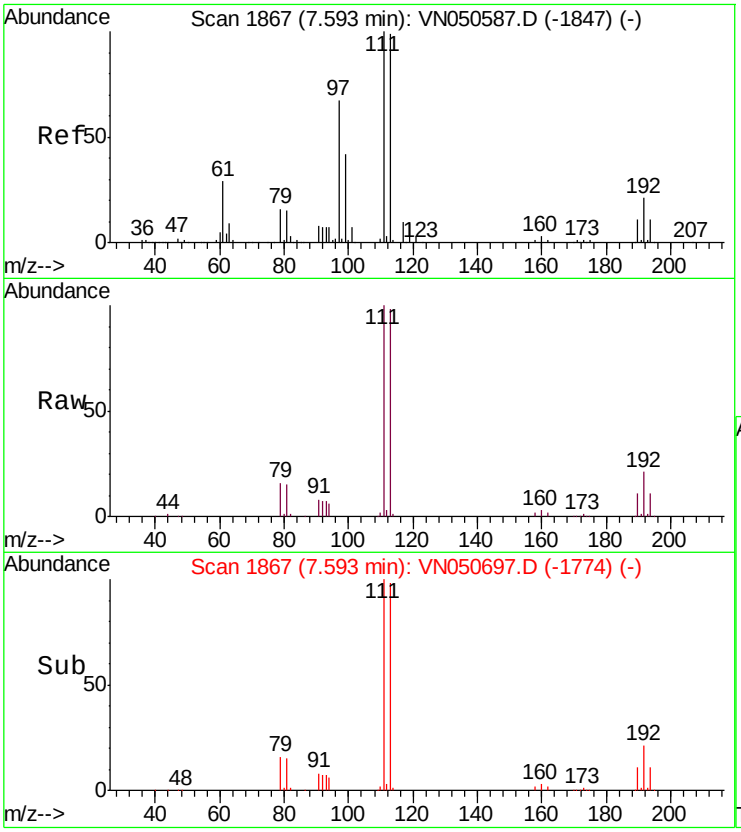


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion:114 Resp: 1129709

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	15.6	0.0	30.8



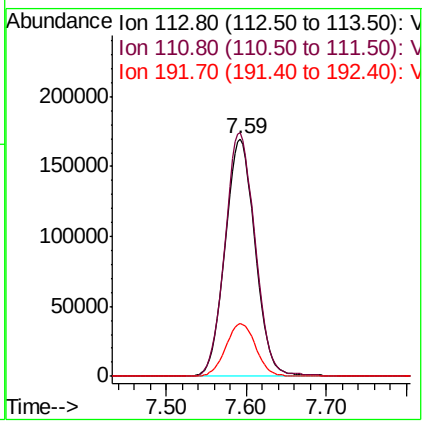


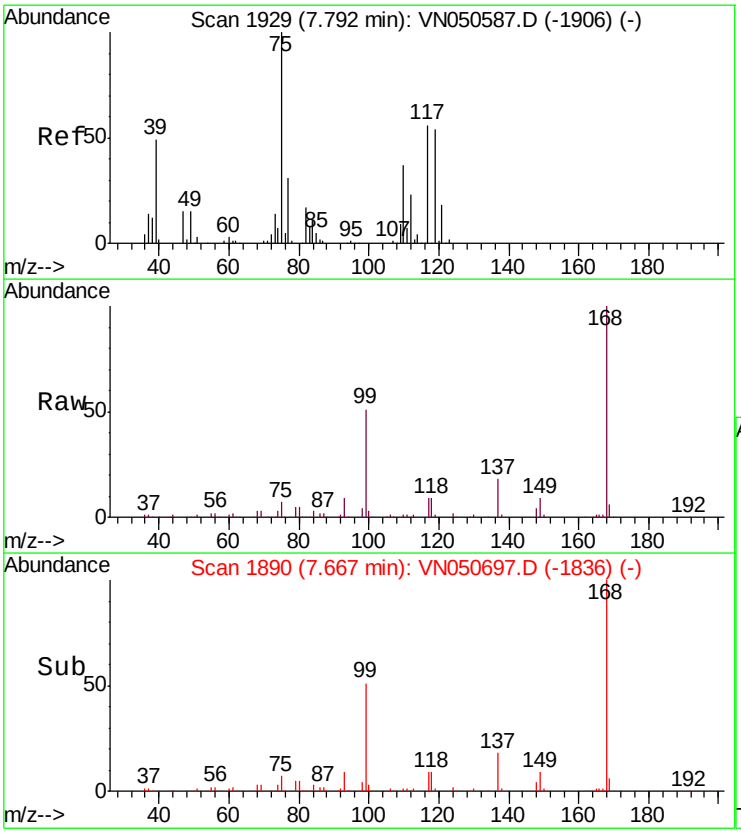
#35
Dibromofluoromethane
Concen: 48.003 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion:113 Resp: 432946

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	22.1	17.6	26.4

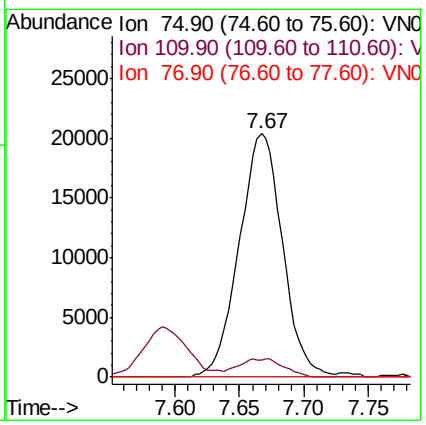


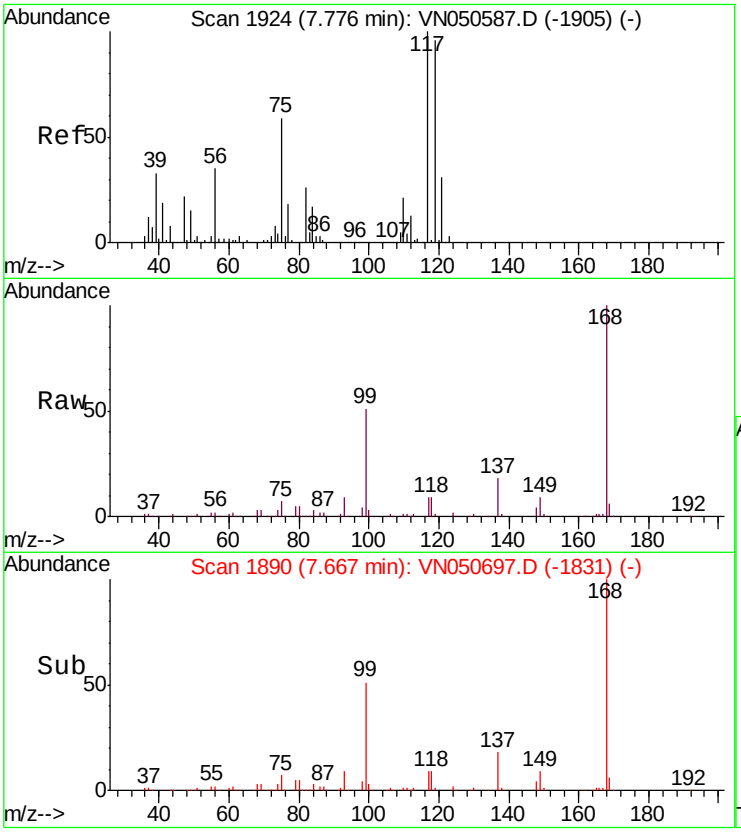


#36
1,1-Dichloropropene
Concen: 3.797 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 75 Resp: 47746

Ion	Ratio	Lower	Upper
75	100		
110	2.3	18.3	54.9#
77	0.0	25.0	37.4#



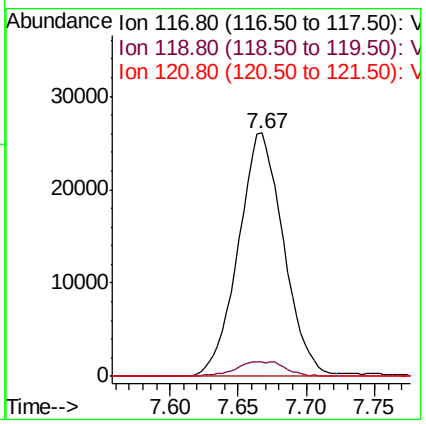


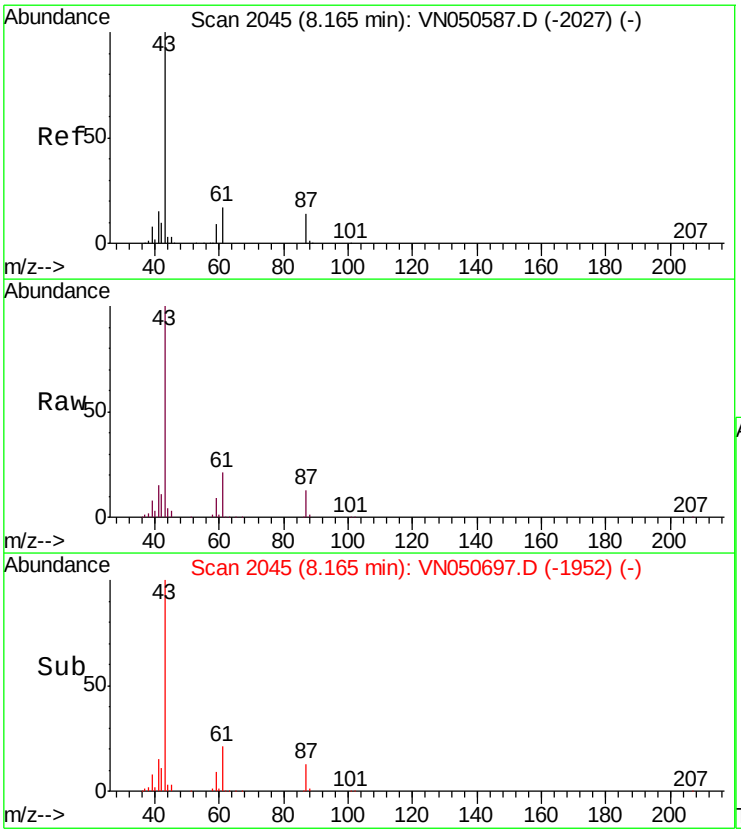
#38
Carbon Tetrachloride
Concen: 4.597 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion:117 Resp: 59971

Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	25.0	37.6#

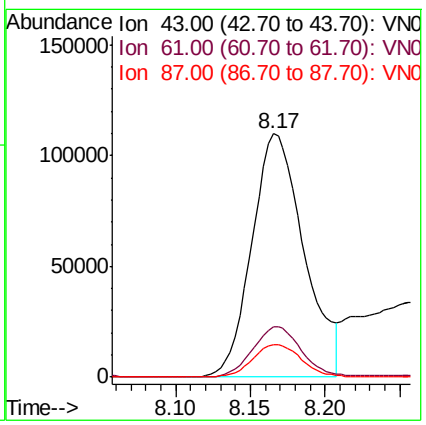


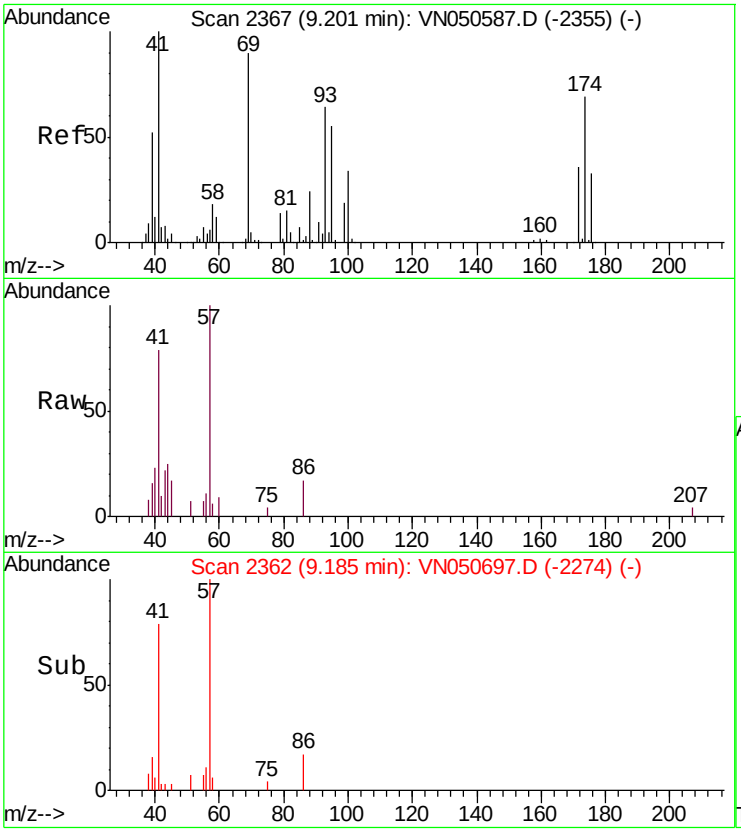


#43
Isopropyl Acetate
Concen: 20.629 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 43 Resp: 267244

Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.2
87	12.6	10.9	16.3



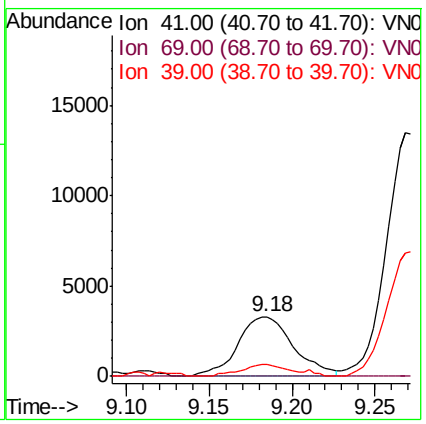


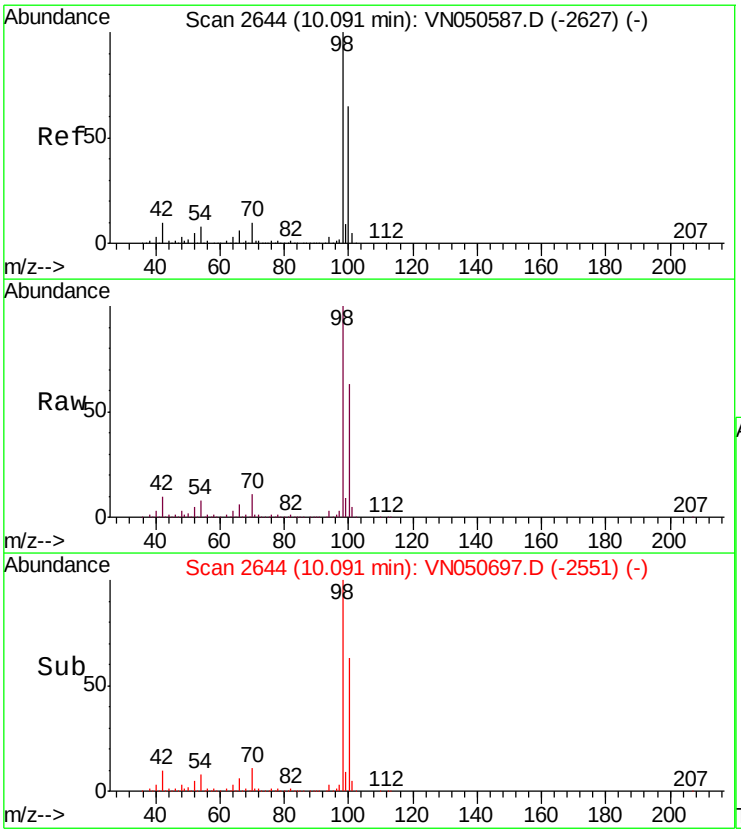
#48
Methyl methacrylate
Concen: 1.188 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 41 Resp: 7743

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.4	110.0#
39	16.6	43.0	64.6#

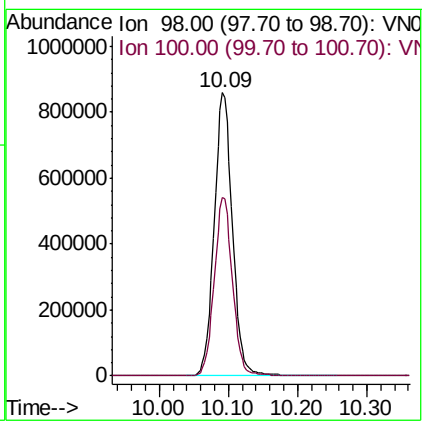


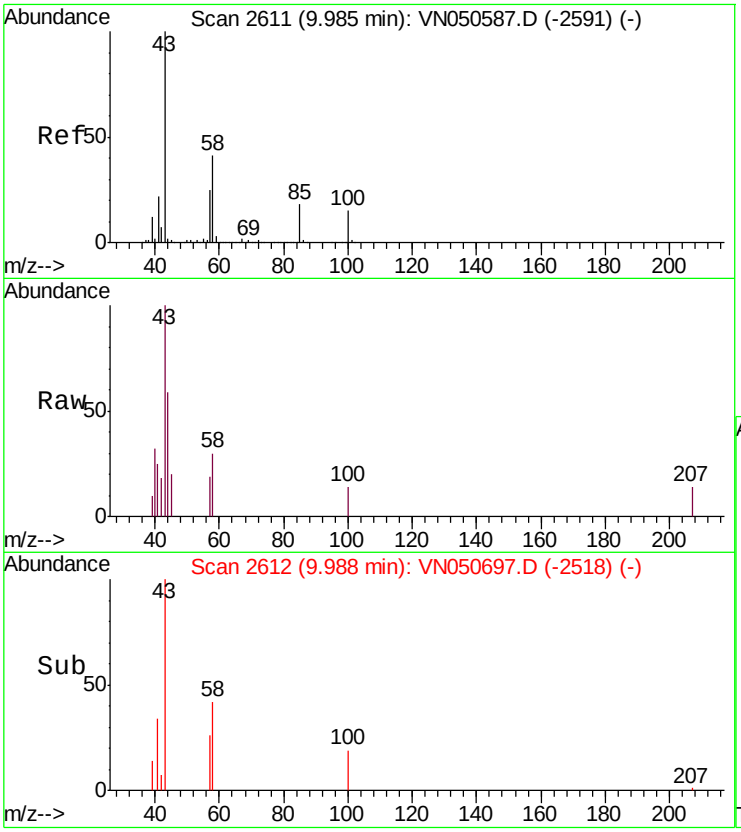


#50
Toluene-d8
Concen: 46.058 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 98 Resp: 1563407

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.8	77.8



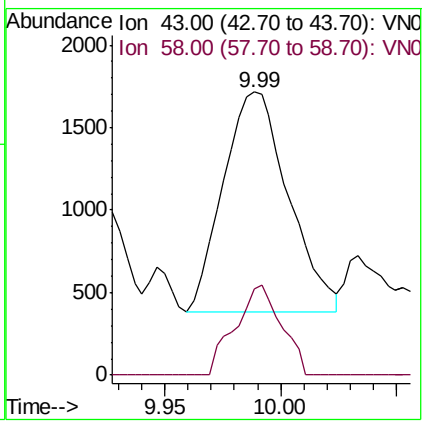


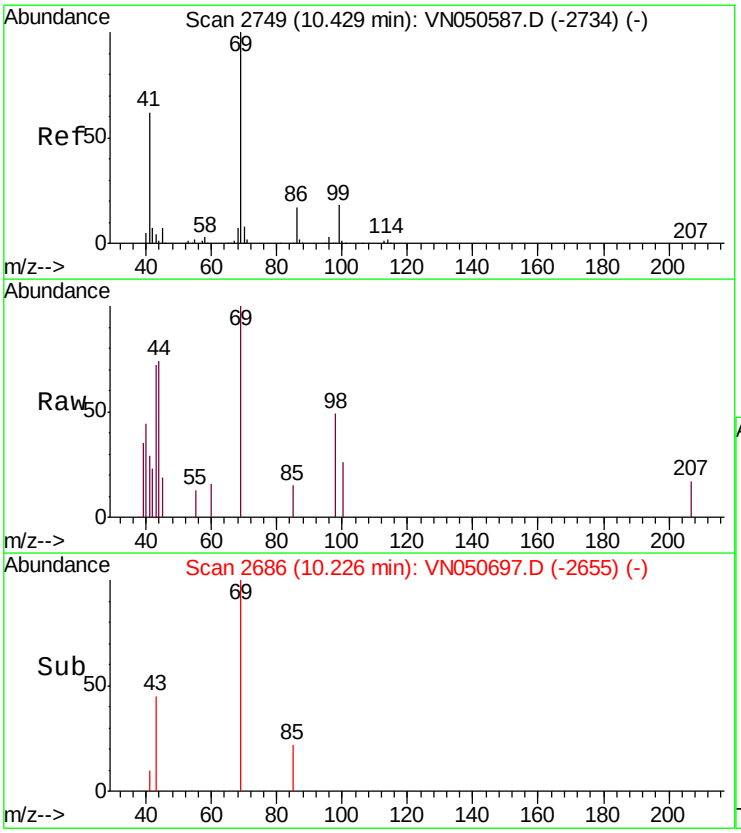
#51
4-Methyl-2-Pentanone
Concen: 0.296 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 43 Resp: 2595

Ion	Ratio	Lower	Upper
43	100		
58	29.2	32.5	48.7#

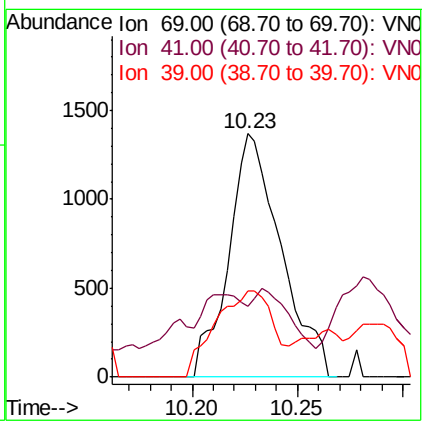


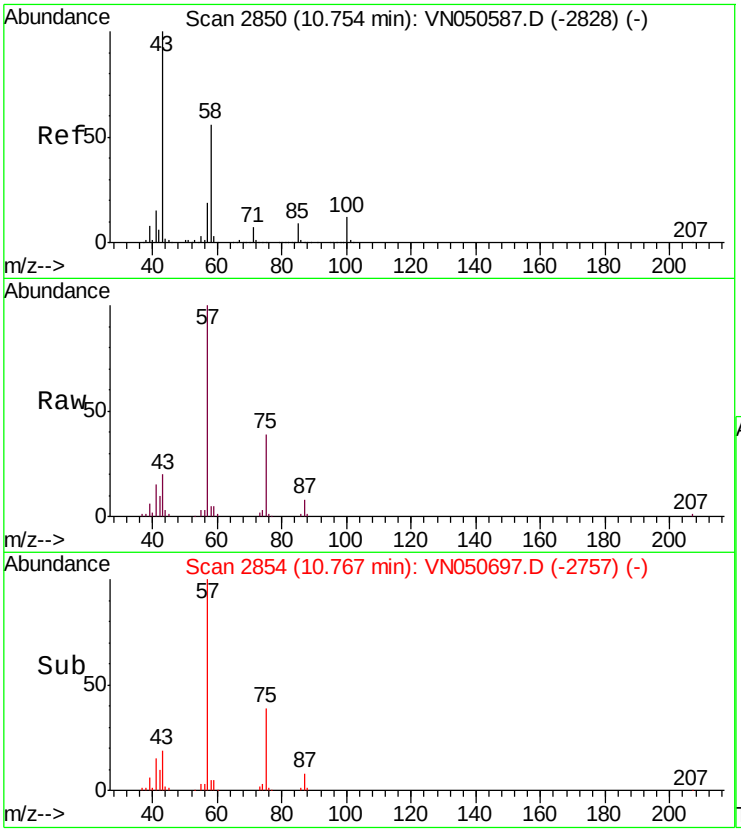


#56
Ethyl methacrylate
Concen: 2.114 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.20 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 69 Resp: 2363

Ion	Ratio	Lower	Upper
69	100		
41	10.8	49.7	74.5#
39	39.9	24.2	36.2#



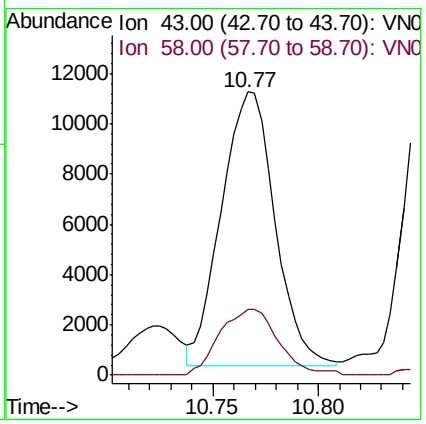


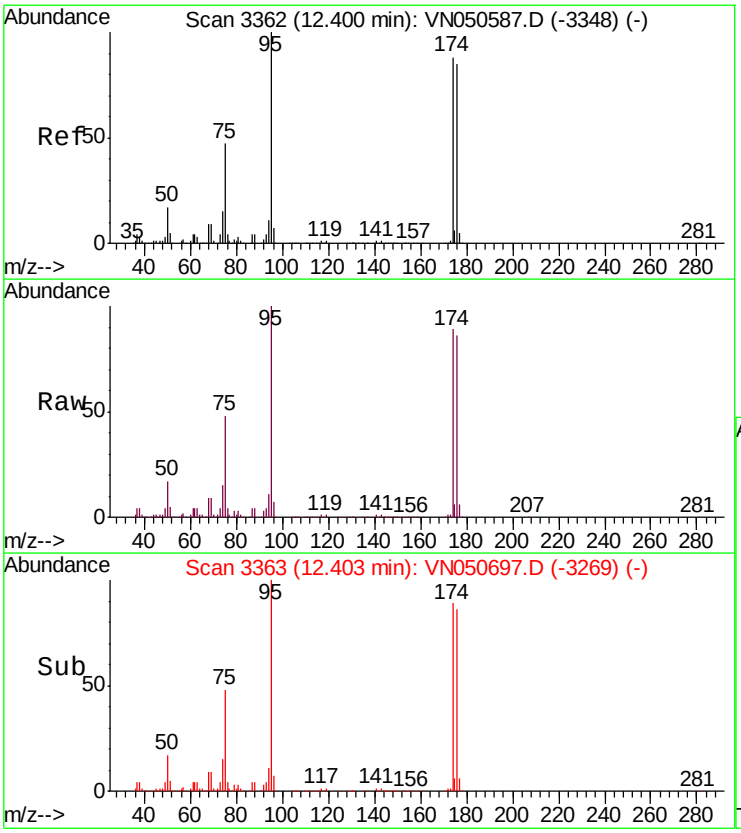
#59
2-Hexanone
Concen: 3.404 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 43 Resp: 19246

Ion	Ratio	Lower	Upper
43	100		
58	26.4	28.0	84.0#

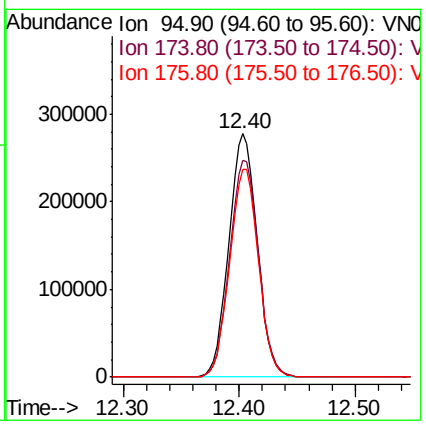


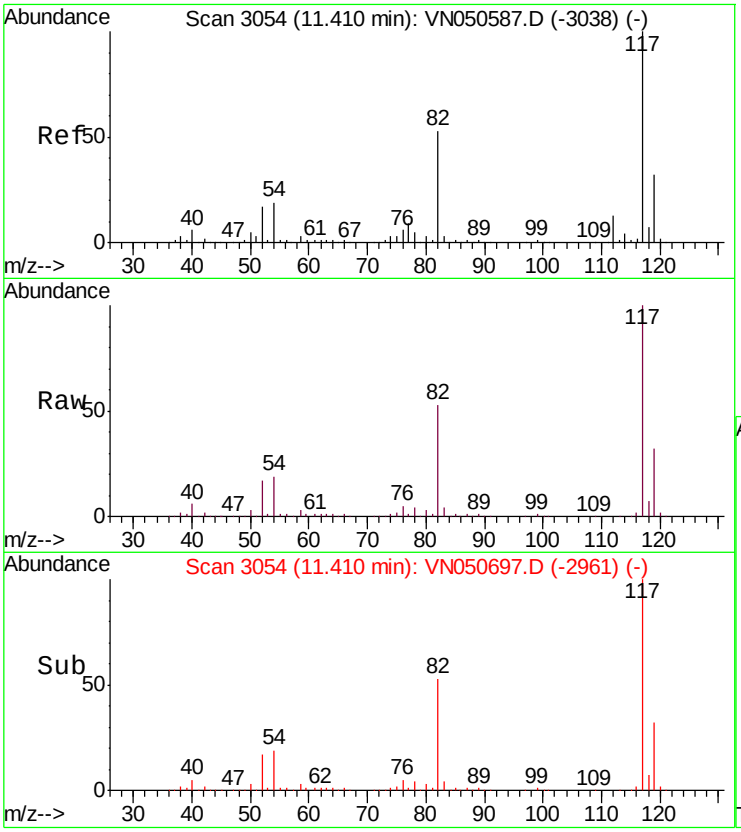


#62
4-Bromofluorobenzene
Concen: 41.616 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 95 Resp: 466675

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	177.8
176	86.8	0.0	175.0



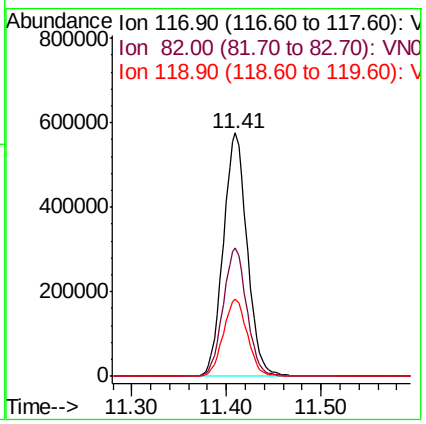


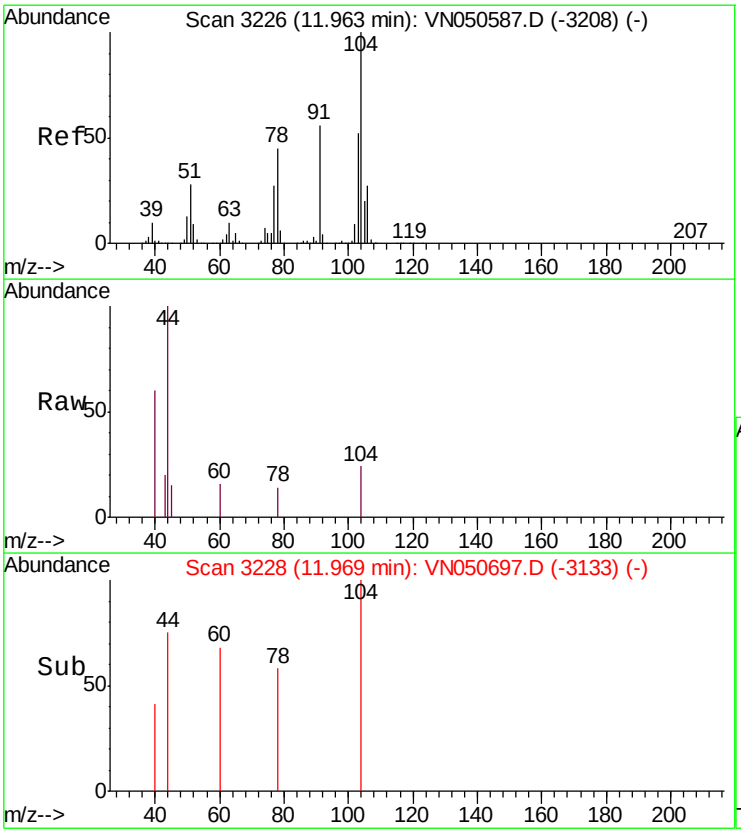
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion:117 Resp: 1008633

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	31.7	25.8	38.8

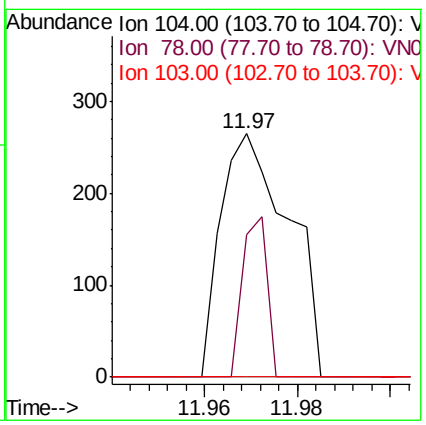


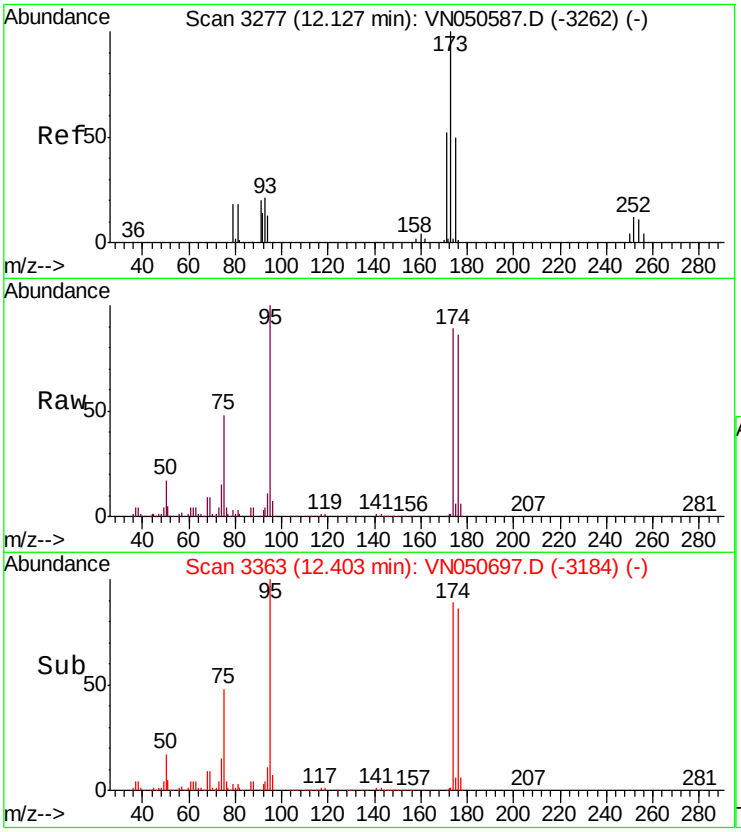


#70
Styrene
Concen: 0.951 ug/l
RT: 11.97 min Scan# 3228
Delta R.T. 0.01 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion:104 Resp: 269

Ion	Ratio	Lower	Upper
104	100		
78	23.4	39.1	58.7#
103	0.0	44.9	67.3#



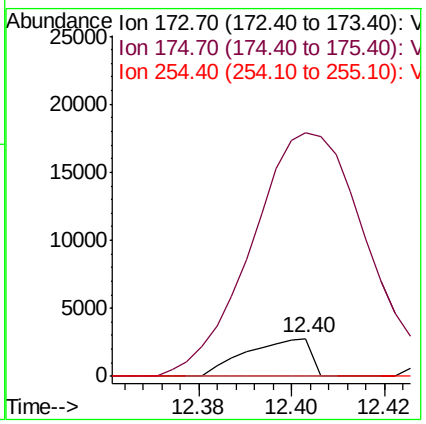


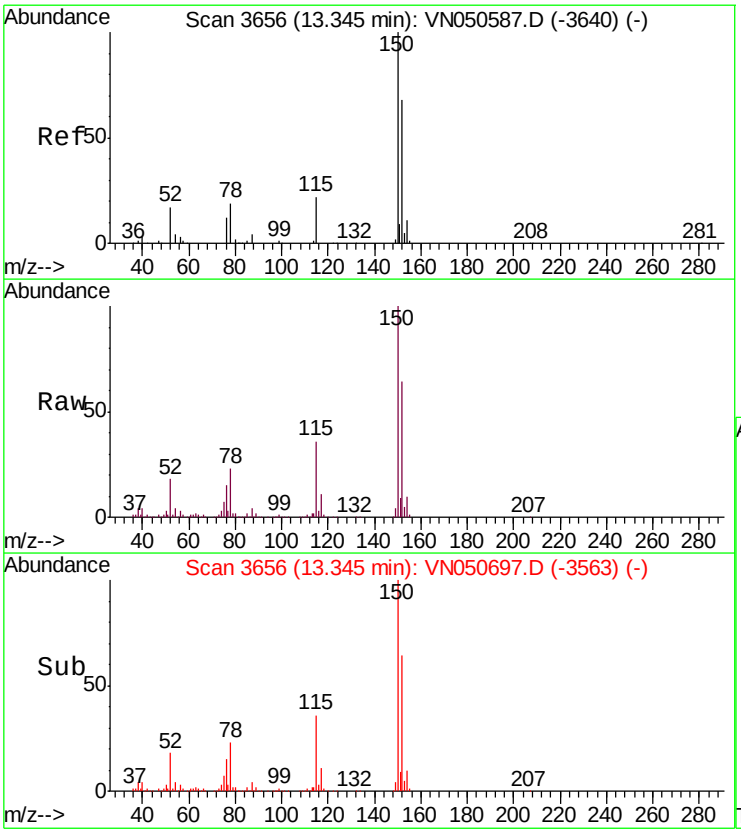
#71
Bromoform
Concen: 0.425 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion:173 Resp: 2653

Ion	Ratio	Lower	Upper
173	100		
175	960.0	24.4	73.2#
254	0.0	0.0	0.0

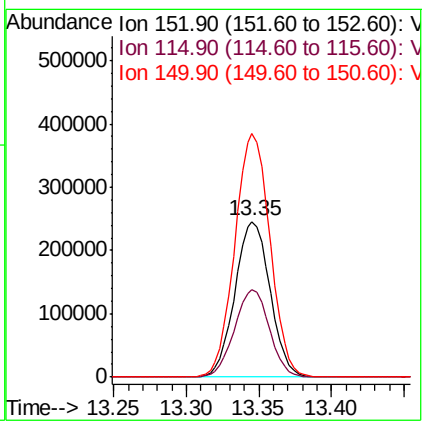


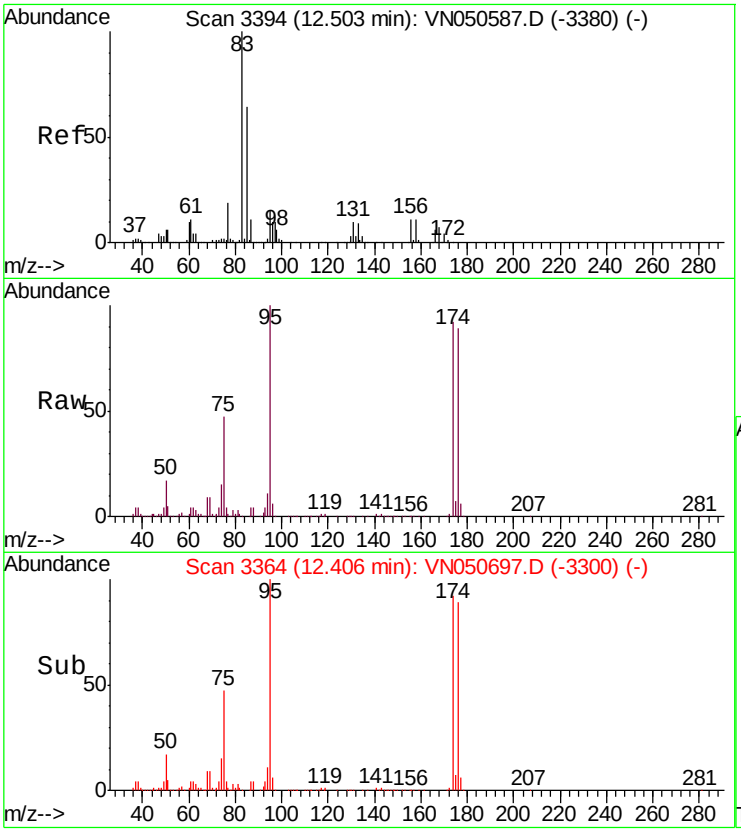


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion:152 Resp: 414174

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.1	84.2
150	156.6	0.0	347.8



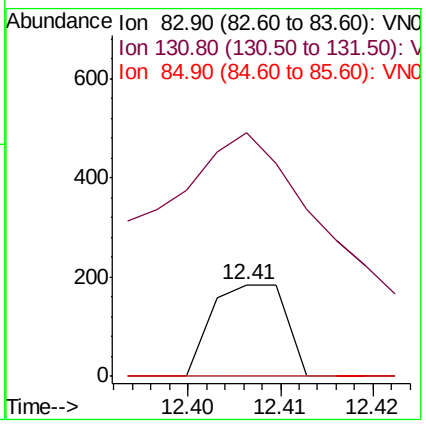


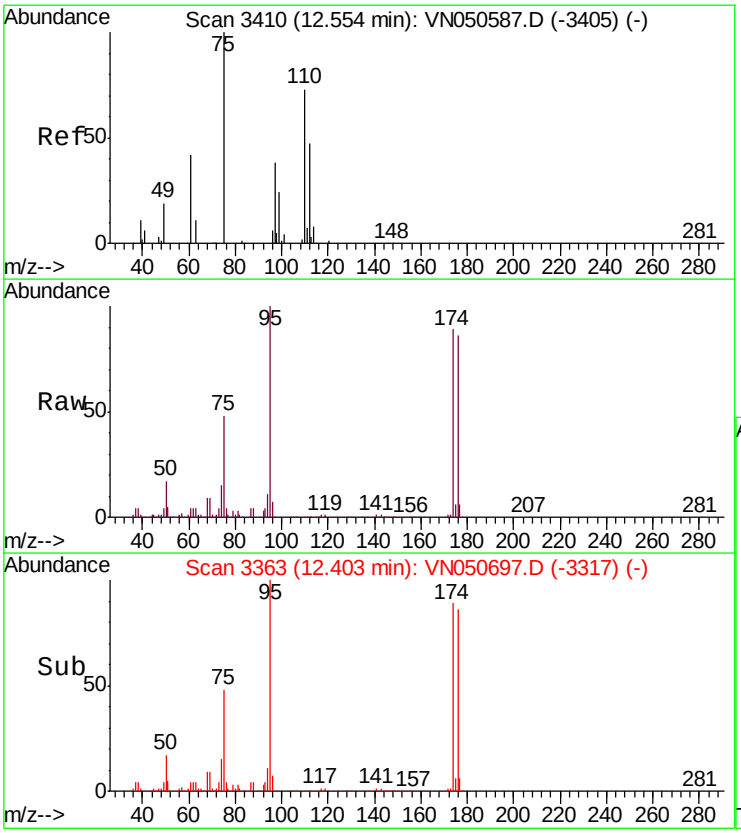
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3364
Delta R.T. -0.10 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument : MSVOA_N
ClientSampleId : PB112098ZHE#02

Tgt Ion: 83 Resp: 101

Ion	Ratio	Lower	Upper
83	100		
131	734.7	5.3	15.9#
85	0.0	32.1	96.5#

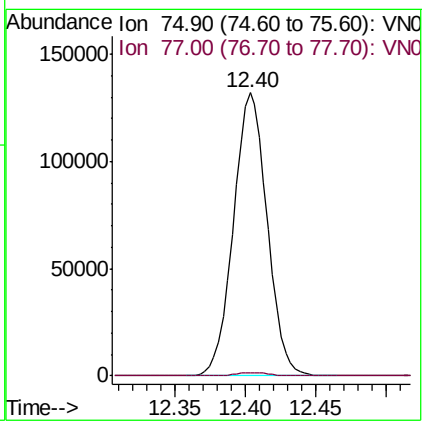


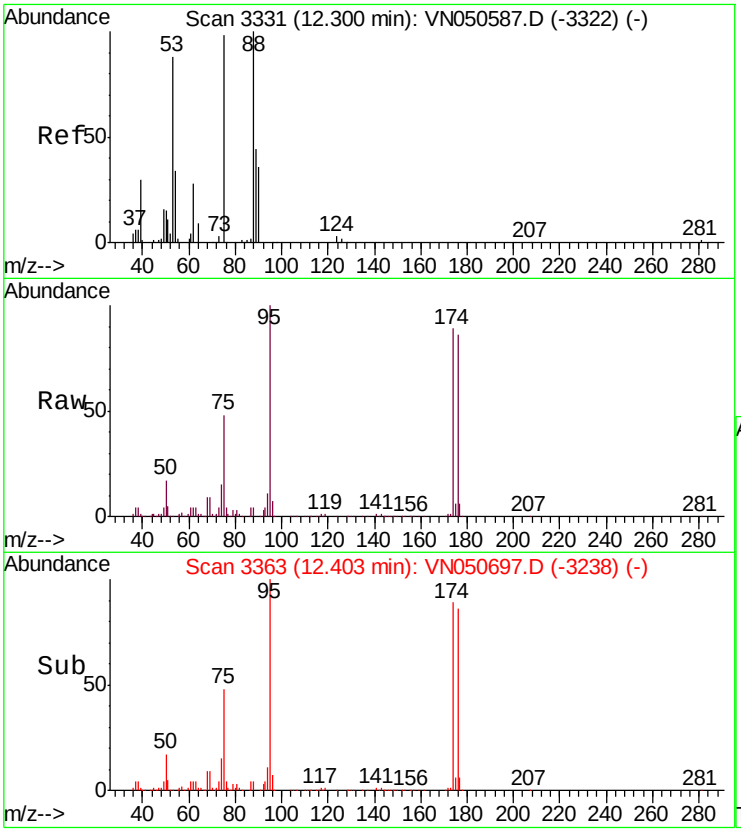


#76
1,2,3-Trichloropropane
Concen: 32.666 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion: 75 Resp: 220973

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



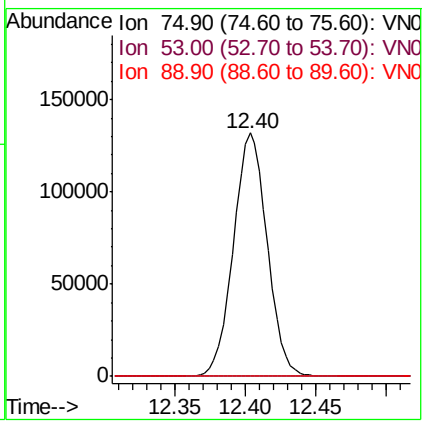


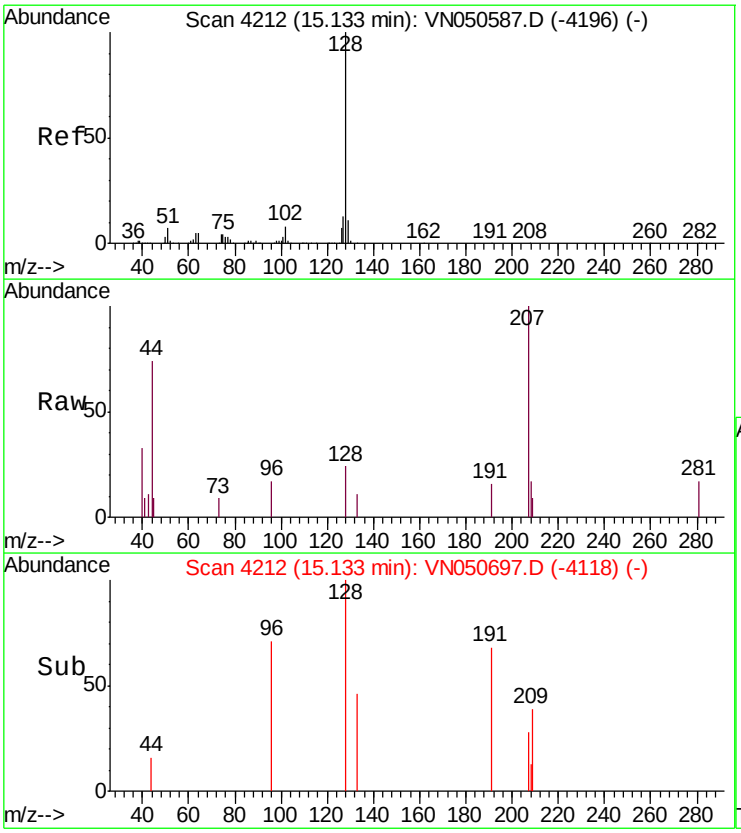
#81
trans-1,4-Dichloro-2-butene
Concen: 118.614 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB112098ZHE#02

Tgt Ion: 75 Resp: 220973

Ion	Ratio	Lower	Upper
75	100		
53	0.1	72.2	108.2#
89	0.0	36.3	54.5#





#95
Naphthalene
Concen: 3.887 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050697.D
Acq: 16 Aug 2018 13:25

Tgt Ion:128 Resp: 449

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.5	12.7#