Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050386.D
Acq On : 6 Aug 2018 16:15
Operator : MD\SY
Sample : PB11760ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Quant Time: Aug 07 05:48:09 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	709994	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1134689	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	965555	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354396	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	477987	50.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.78%				
35) Dibromofluoromethane	7.59	113	431970	47.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.90%				
50) Toluene-d8	10.09	98	1538406	44.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.88%				
62) 4-Bromofluorobenzene	12.40	95	431969	37.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.04%				
Target Compounds							Qvalue
3) Chloromethane	2.06	50	5163	Below Cal			98
5) Bromomethane	2.57	94	6035	1.39	ug/l		97
10) Methyl Iodide	3.95	142	2872	0.80	ug/l	#	88
13) Acrolein	3.60	56	461	15.47	ug/l		98
16) Acetone	3.82	43	19507	6.54	ug/l		95
17) Carbon Disulfide	4.05	76	7469	0.30	ug/l	#	87
18) Methyl Acetate	4.34	43	13655	1.67	ug/l		97
20) Methylene Chloride	4.55	84	15680	0.27	ug/l		92
25) 2-Butanone	6.85	43	4433	0.94	ug/l		99
29) Tetrahydrofuran	7.22	42	774	0.31	ug/l	#	65
31) Cyclohexane	7.67	56	12821	0.32	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	49131	3.94	ug/l	#	43
38) Carbon Tetrachloride	7.67	117	64188	4.94	ug/l	#	16
41) Methacrylonitrile	7.23	41	1100	0.23	ug/l	#	20
43) Isopropyl Acetate	8.17	43	377597	24.36	ug/l		97
48) Methyl methacrylate	9.18	41	11371	1.46	ug/l	#	22
49) 1,4-Dioxane	9.18	88	32	0.27	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.99	43	3550	0.32	ug/l		96
56) Ethyl methacrylate	10.64	69	632	1.76	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.70	63	65	7.40	ug/l	#	48
59) 2-Hexanone	10.77	43	27493	3.53	ug/l	#	59
71) Bromoform	12.40	173	2022	0.31	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	207826	32.40	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	7286	0.34	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	207826	113.83	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.25	75	407	0.31	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	1408	0.22	ug/l		96
94) Hexachlorobutadiene	15.01	225	500	Below Cal		#	70
95) Naphthalene	15.14	128	3963	3.83	ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.32	180	1633	0.25	ug/l		90

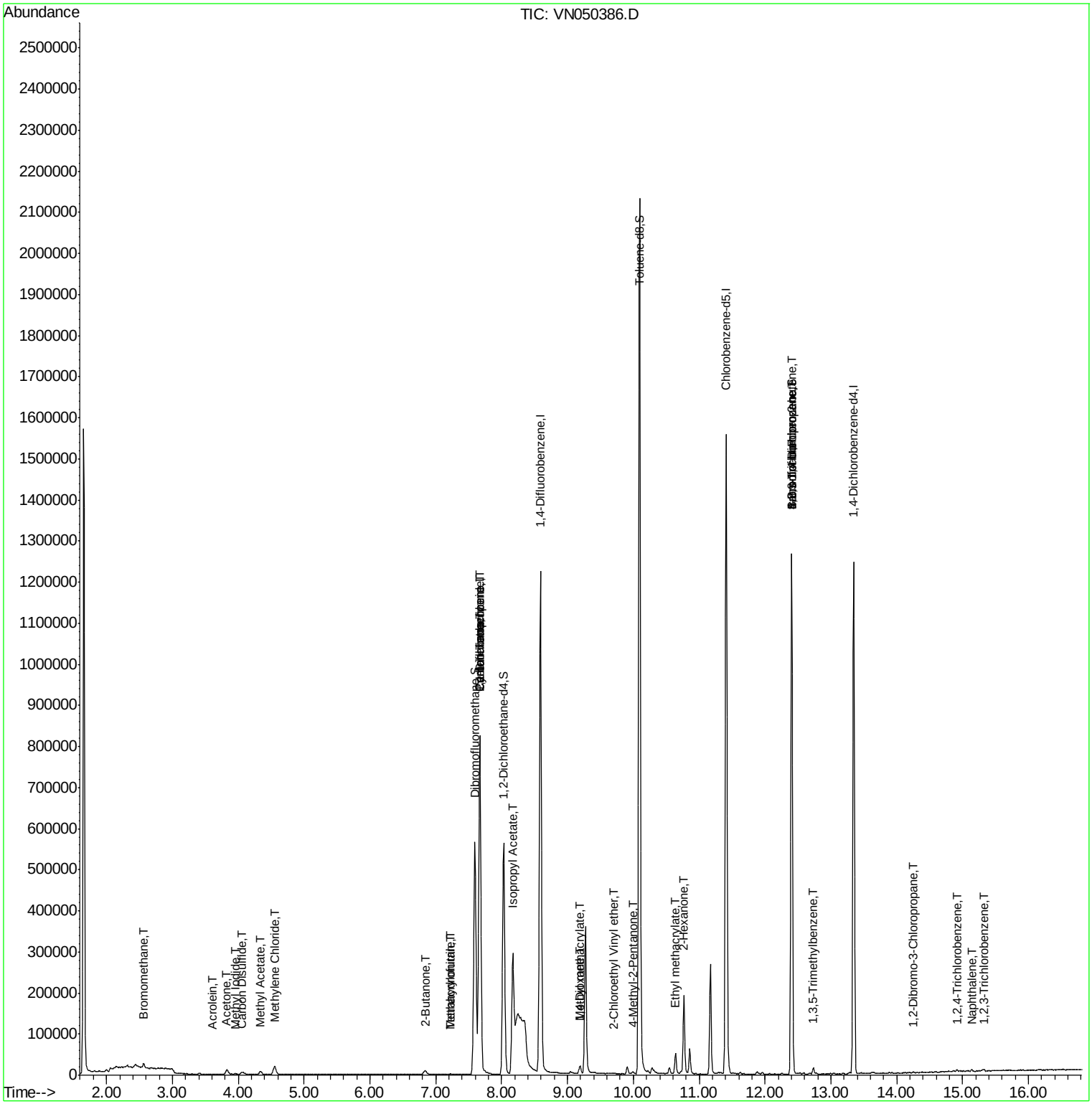
(#) = qualifier out of range (m) = manual integration (+) = signals summed

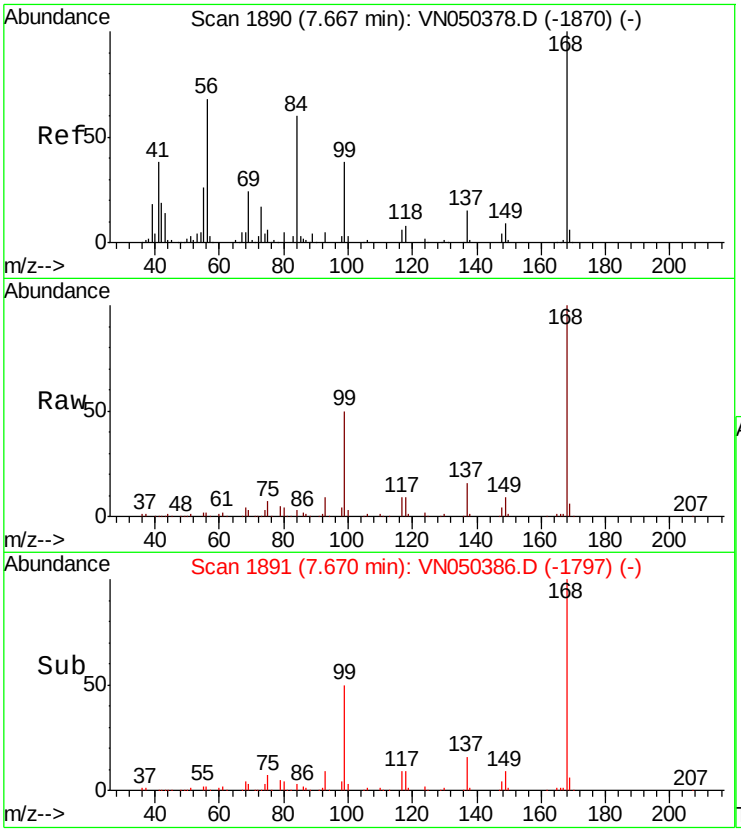
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080618\
Data File : VN050386.D
Acq On : 6 Aug 2018 16:15
Operator : MD\SY
Sample : PB11760ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Quant Time: Aug 07 05:48:09 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



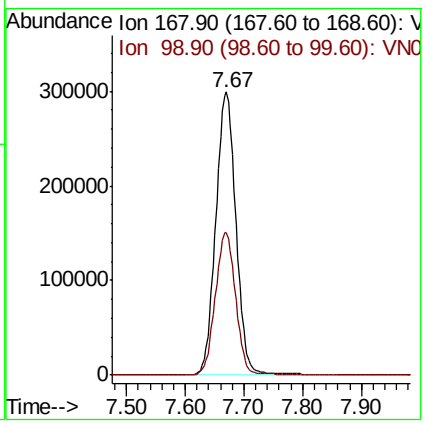


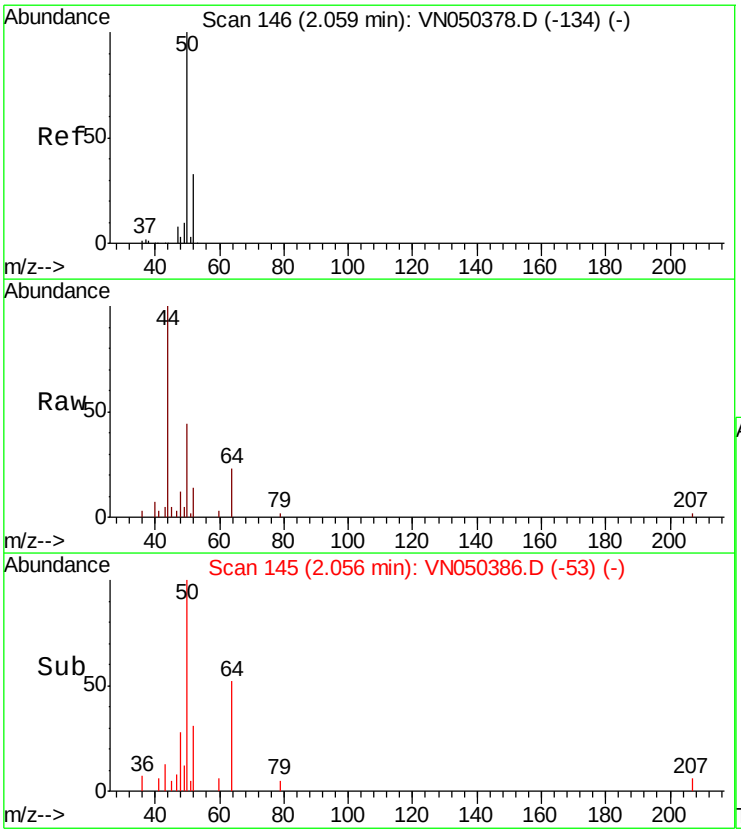
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:168 Resp: 709994

Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.0	60.0

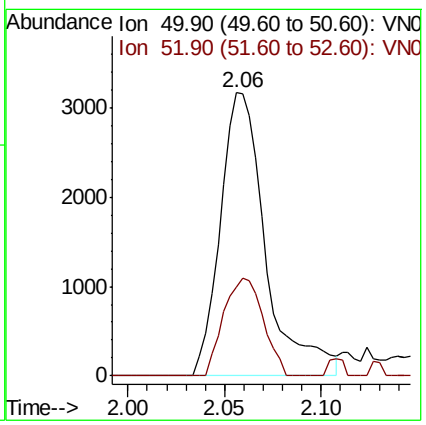


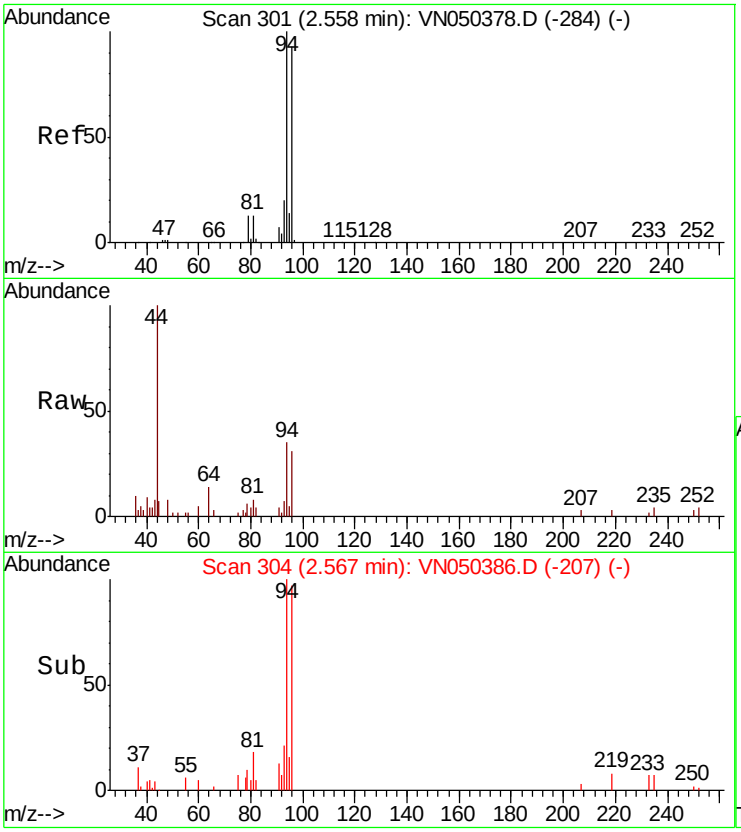


#3
Chloromethane
Concen: Below Cal
RT: 2.06 min Scan# 145
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 50 Resp: 5163

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.9	38.9



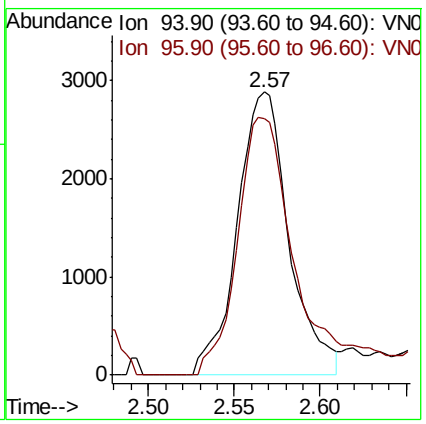


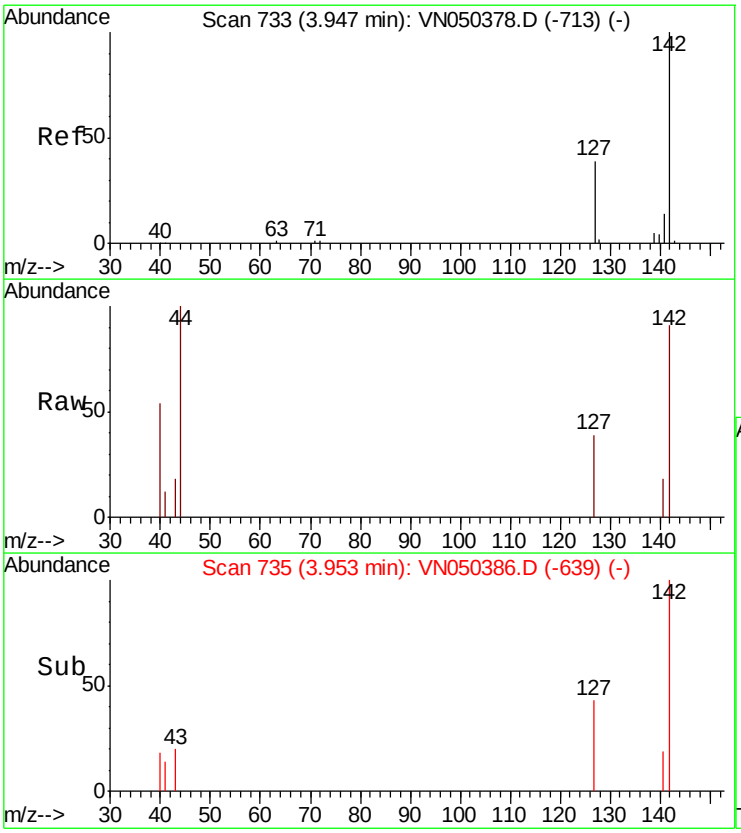
#5
Bromomethane
Concen: 1.39 ug/l
RT: 2.57 min Scan# 304
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 94 Resp: 6035

Ion	Ratio	Lower	Upper
94	100		
96	90.5	74.6	112.0

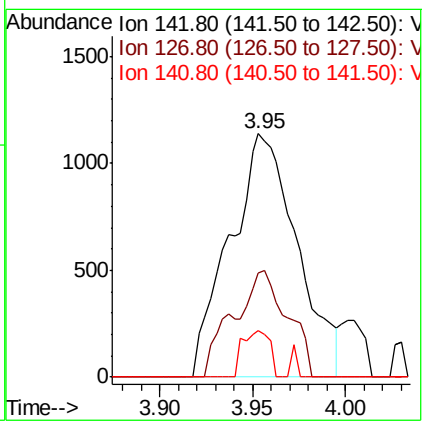


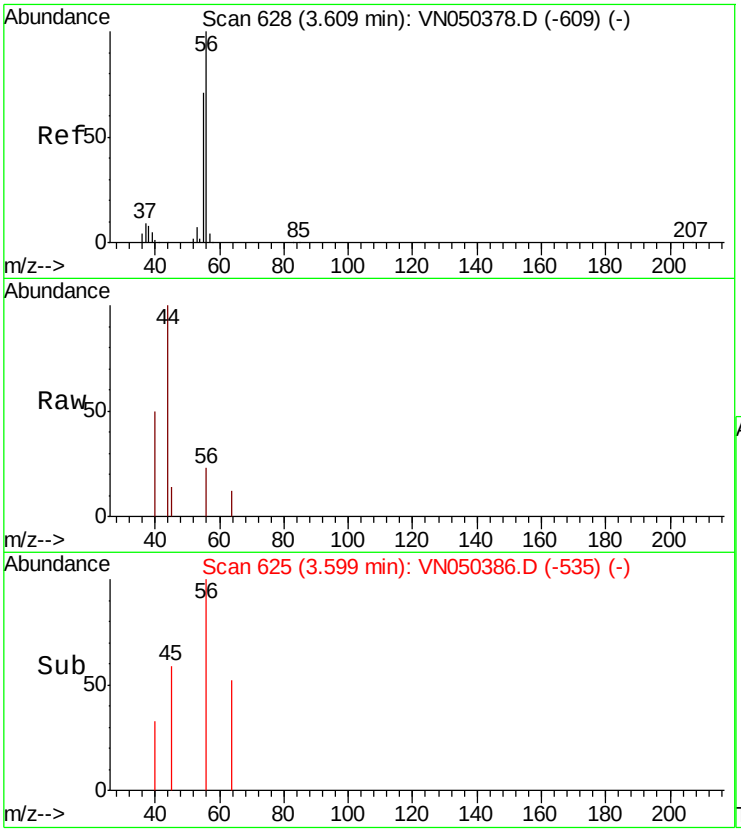


#10
Methyl Iodide
Concen: 0.80 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:142 Resp: 2872

Ion	Ratio	Lower	Upper
142	100		
127	35.3	33.4	50.2
141	7.6	11.6	17.4#



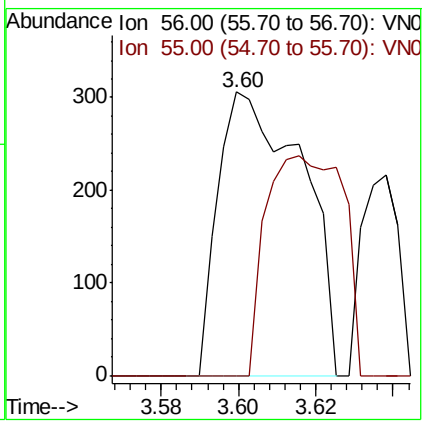


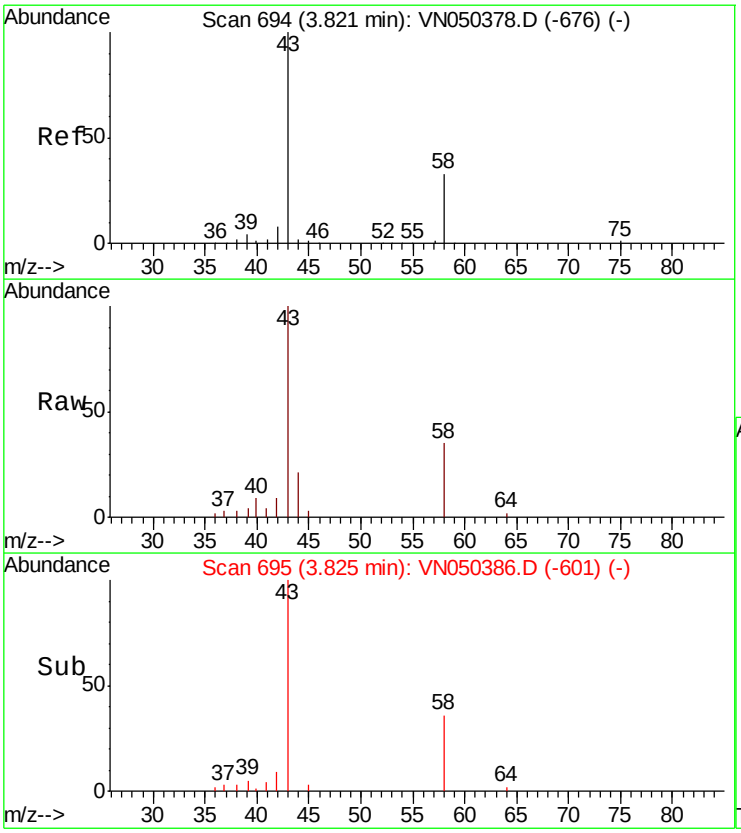
#13
Acrolein
Concen: 15.47 ug/l
RT: 3.60 min Scan# 625
Delta R.T. -0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 56 Resp: 461

Ion	Ratio	Lower	Upper
56	100		
55	71.4	55.8	83.6

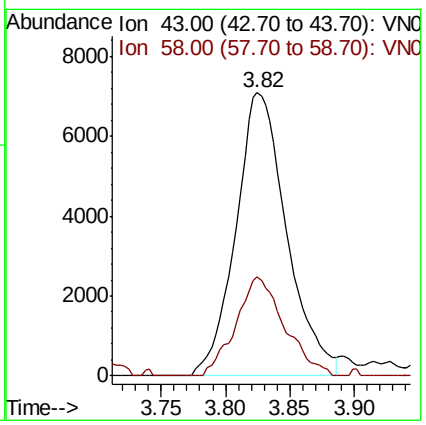


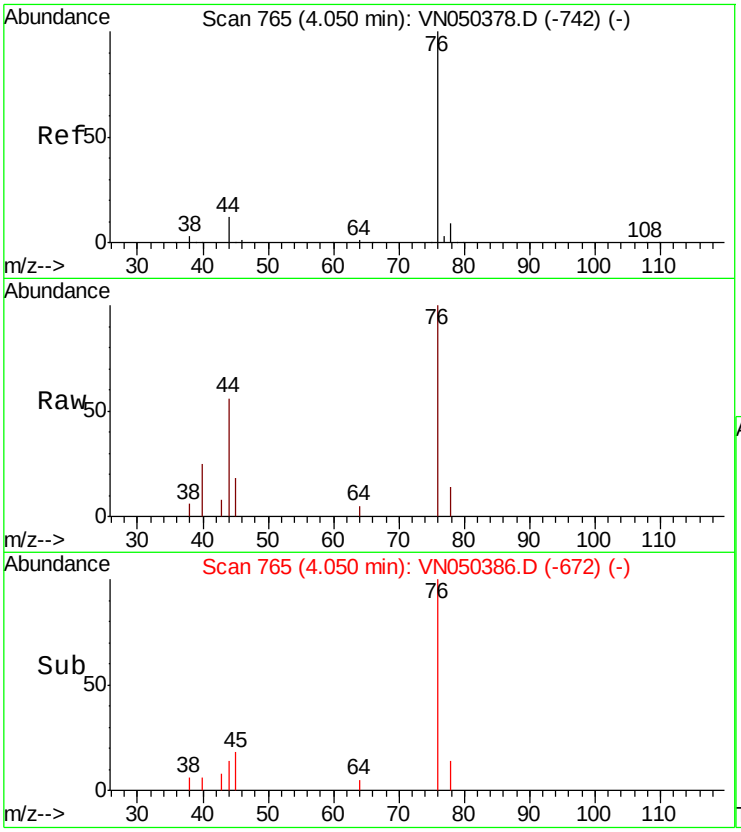


#16
Acetone
Concen: 6.54 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 43 Resp: 19507

Ion	Ratio	Lower	Upper
43	100		
58	35.0	25.8	38.8



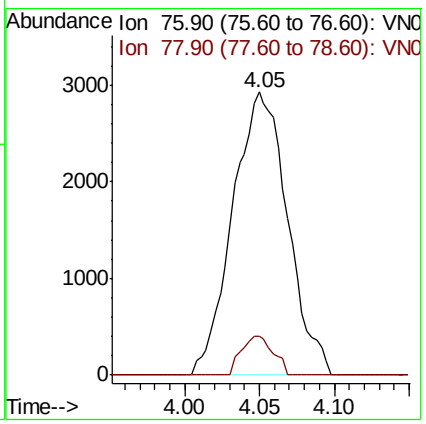


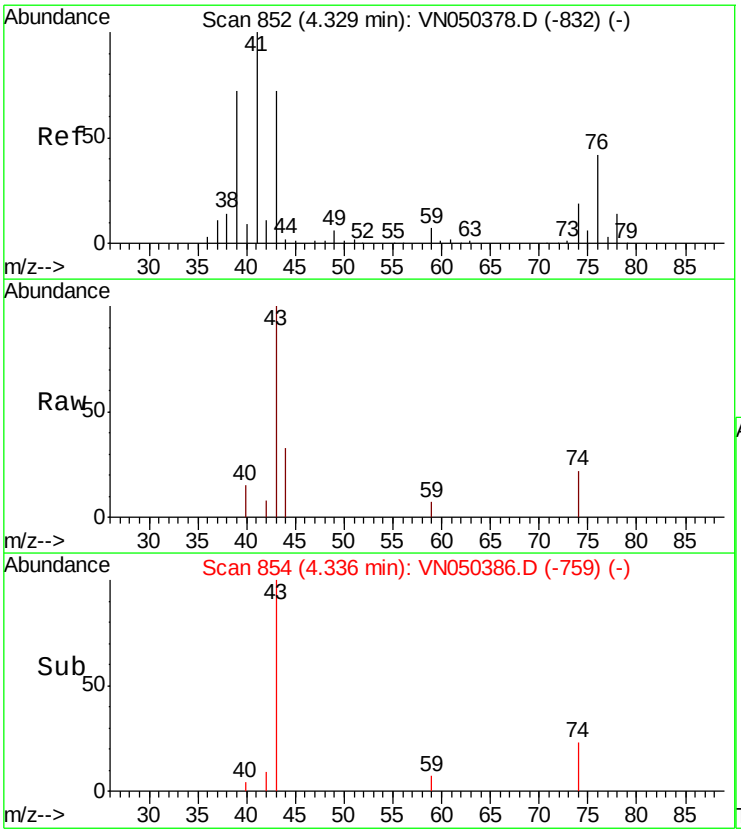
#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 76 Resp: 7469

Ion	Ratio	Lower	Upper
76	100		
78	13.8	7.3	10.9#

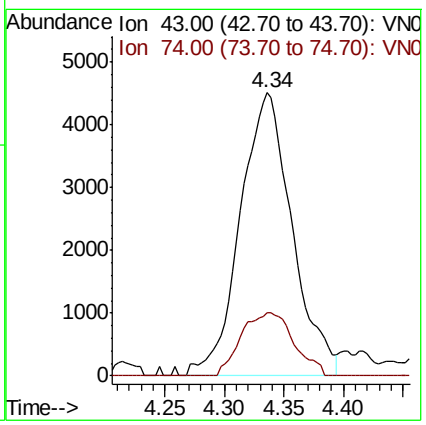


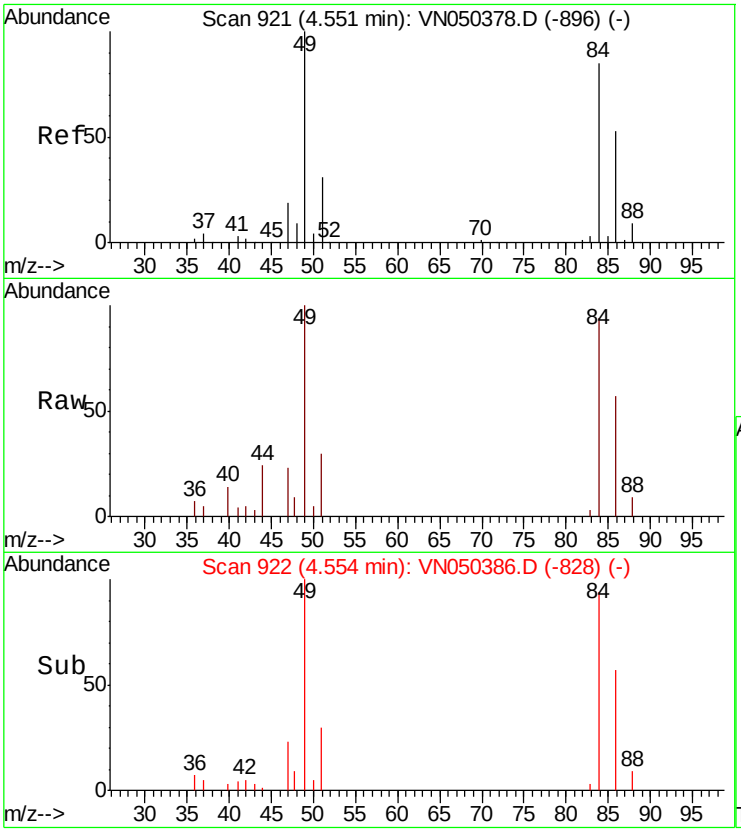


#18
Methyl Acetate
Concen: 1.67 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 43 Resp: 13655

Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.2	28.8



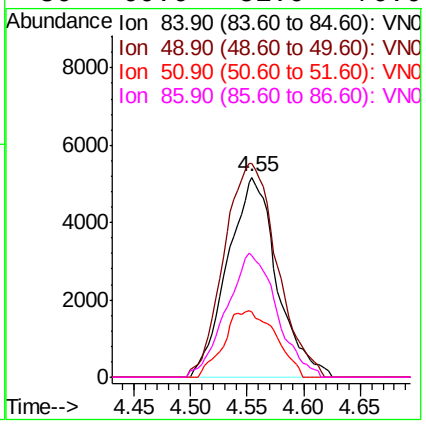


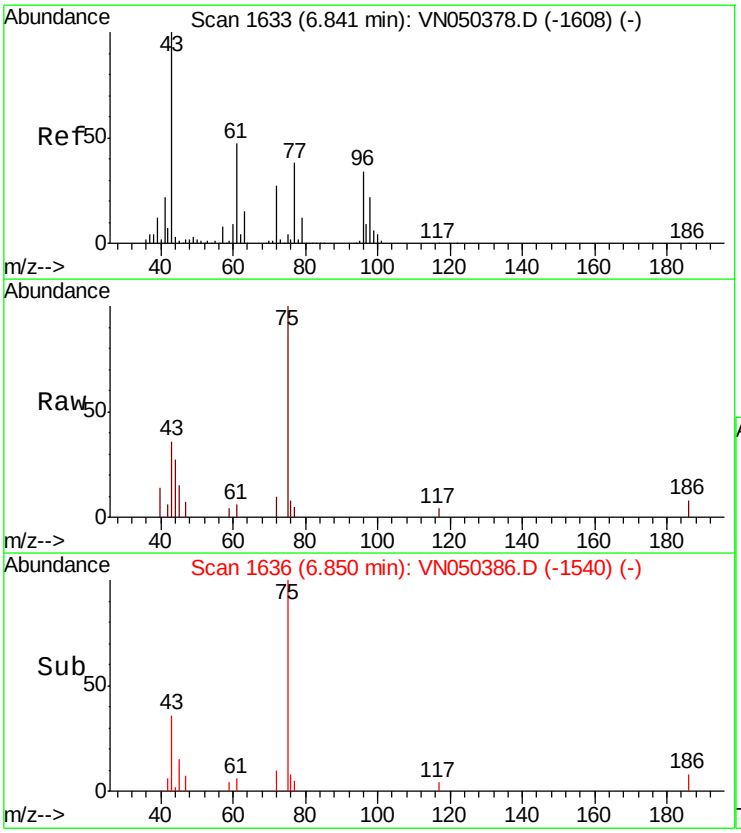
#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Tgt Ion: 84 Resp: 15680

Ion	Ratio	Lower	Upper
84	100		
49	106.9	94.8	142.2
51	32.4	28.3	42.5
86	60.6	51.0	76.6

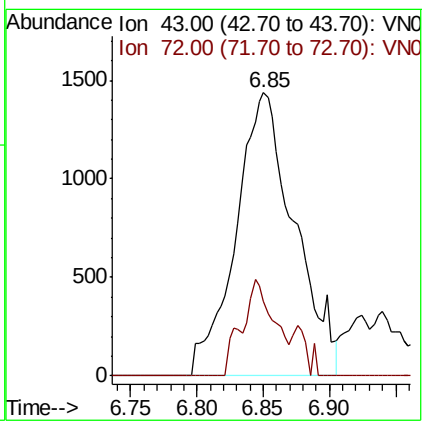


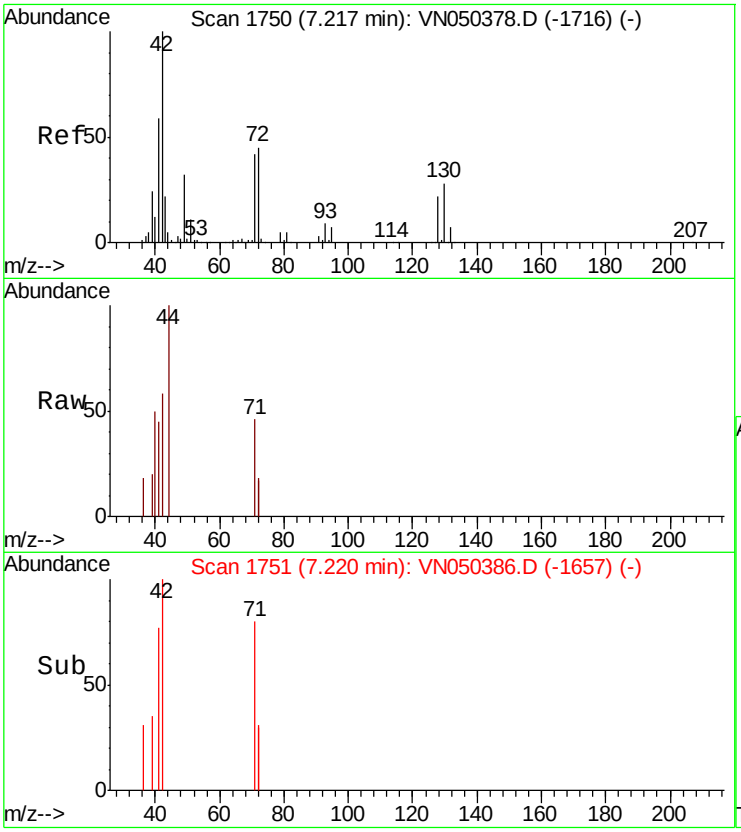


#25
2-Butanone
Concen: 0.94 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 43 Resp: 4433

Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.5	32.3



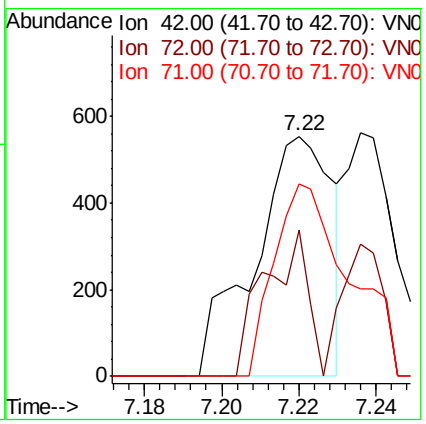


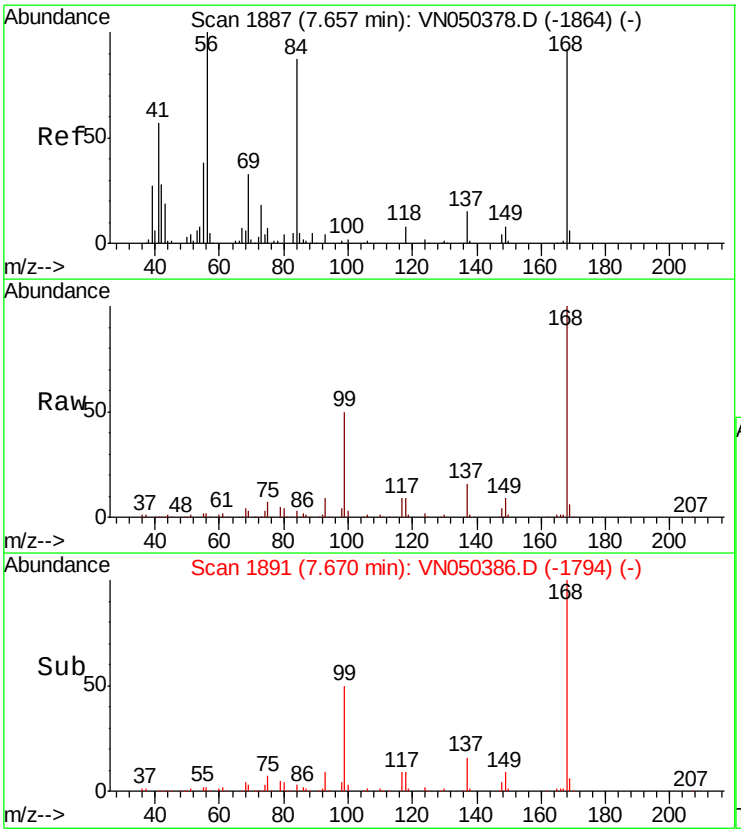
#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Tgt Ion: 42 Resp: 774

Ion	Ratio	Lower	Upper
42	100		
72	34.2	35.9	53.9#
71	77.0	33.7	50.5#

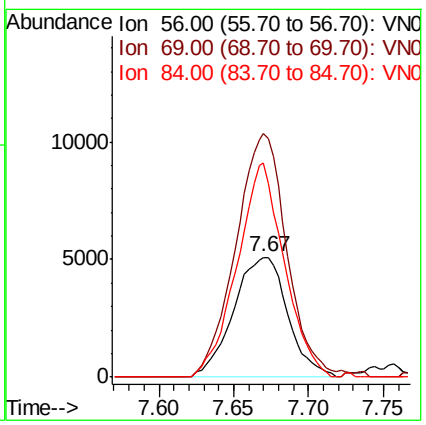


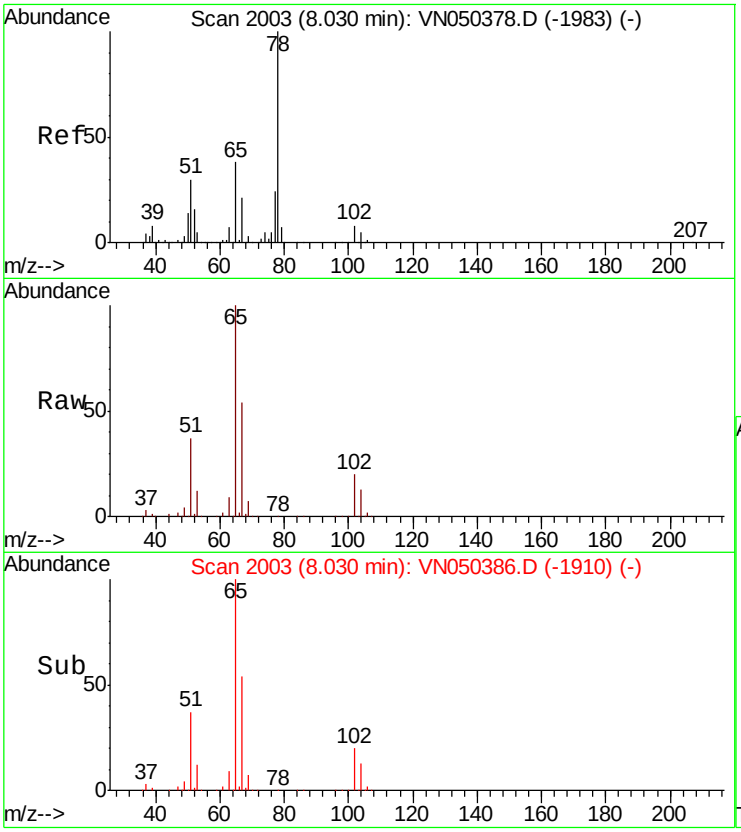


#31
Cyclohexane
Concen: 0.32 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 56 Resp: 12821

Ion	Ratio	Lower	Upper
56	100		
69	202.8	26.2	39.4#
84	178.9	67.4	101.0#



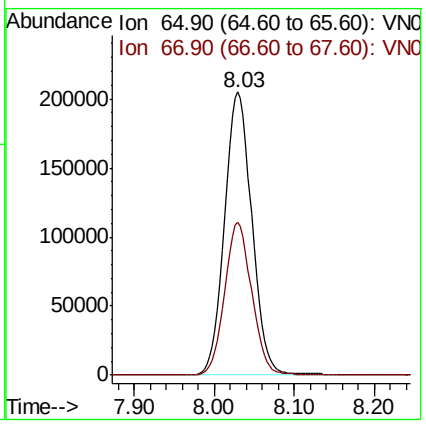


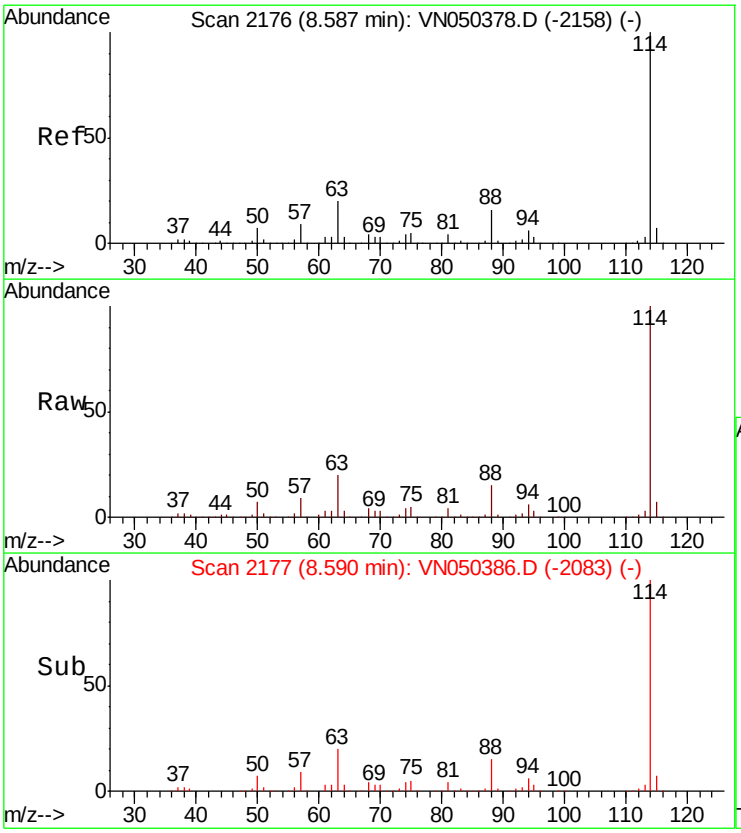
#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 65 Resp: 477987

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	108.4

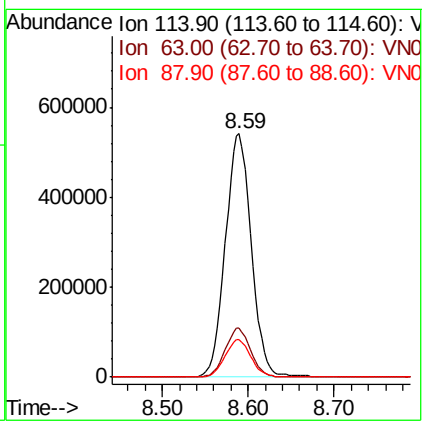


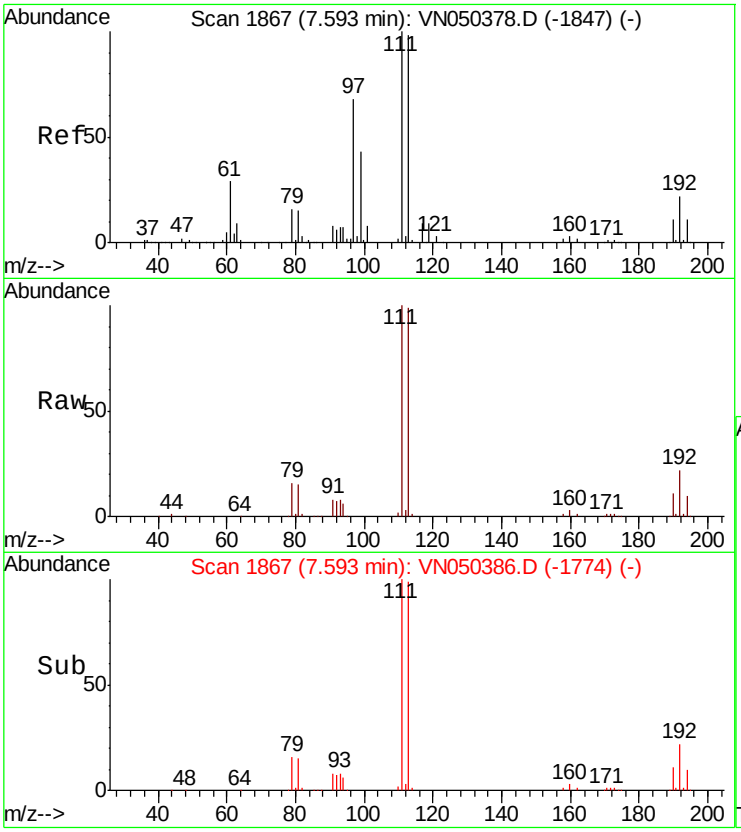


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:114 Resp: 1134689

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.3	0.0	31.2



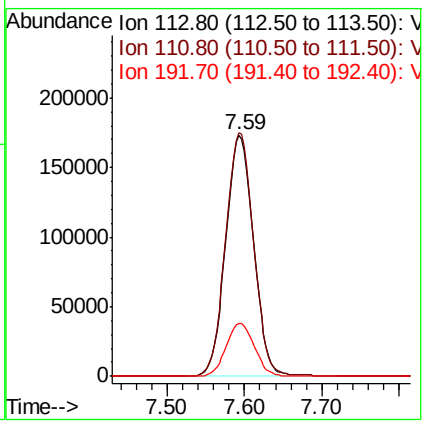


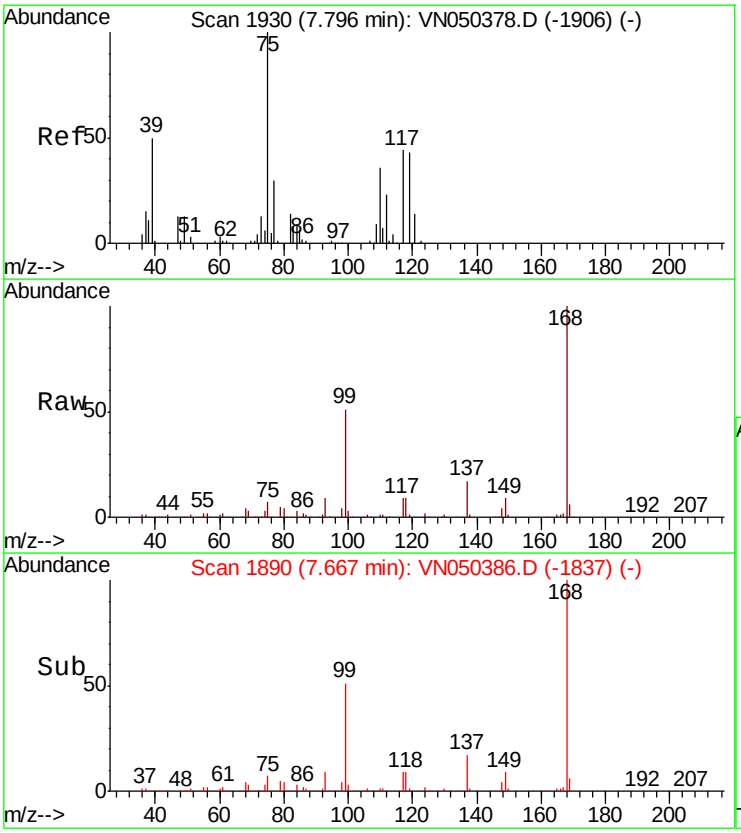
#35
Dibromofluoromethane
Concen: 47.45 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:113 Resp: 431970

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	22.2	17.8	26.6

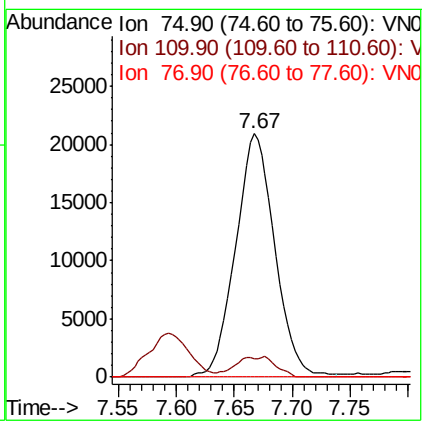


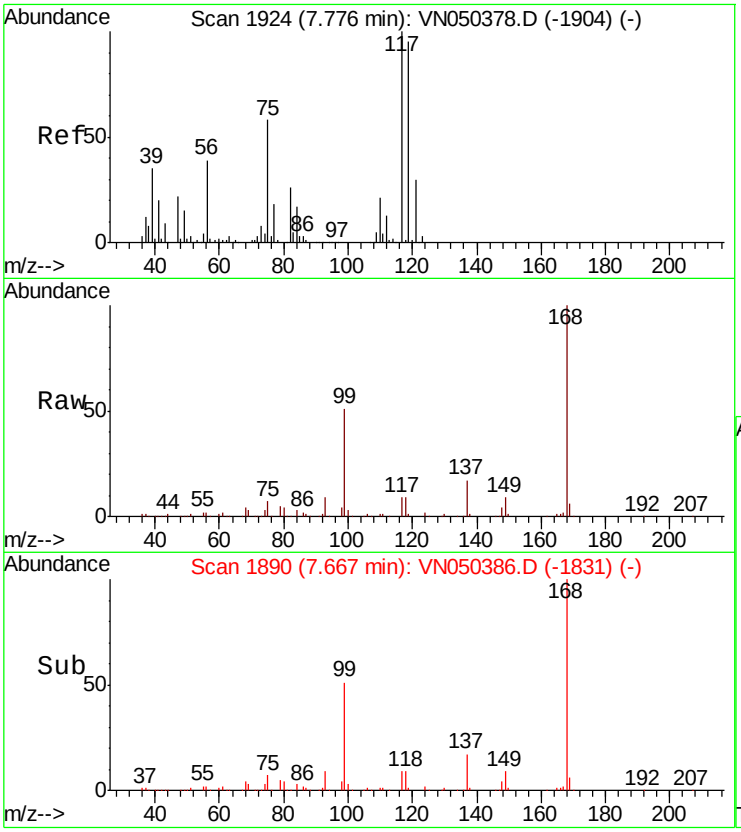


#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 75 Resp: 49131

Ion	Ratio	Lower	Upper
75	100		
110	2.9	18.4	55.2#
77	0.0	25.3	37.9#



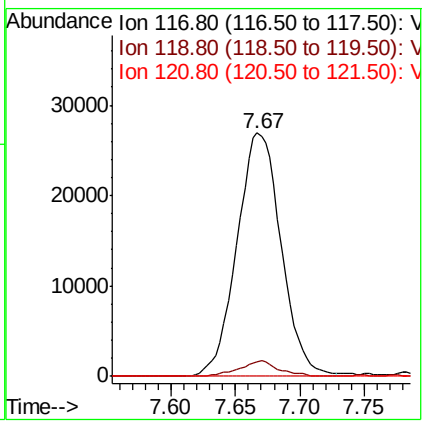


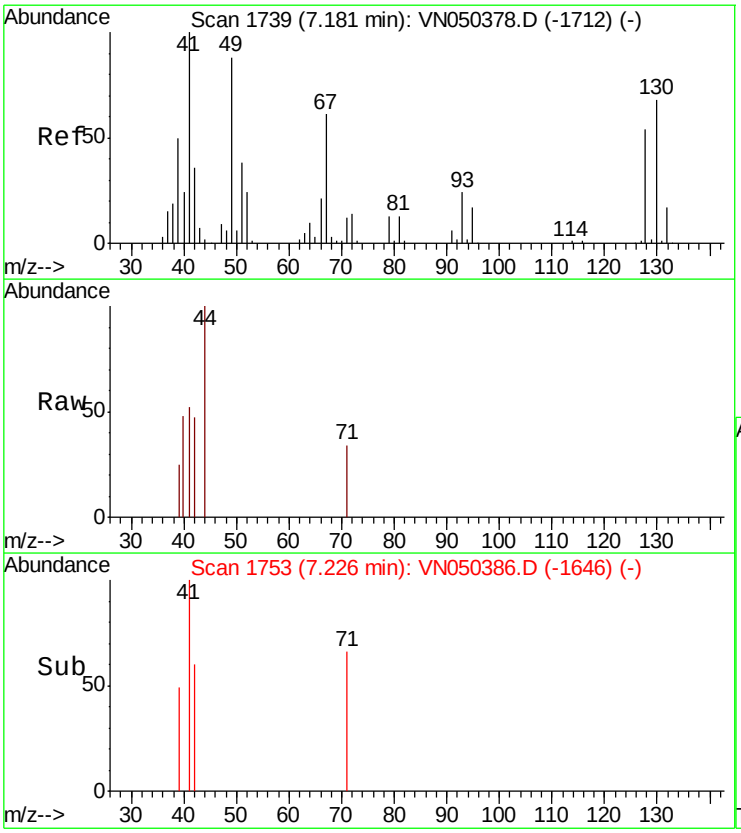
#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:117 Resp: 64188

Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.4	116.0#
121	0.0	23.9	35.9#

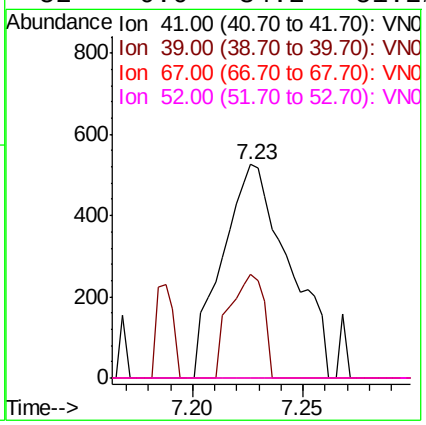


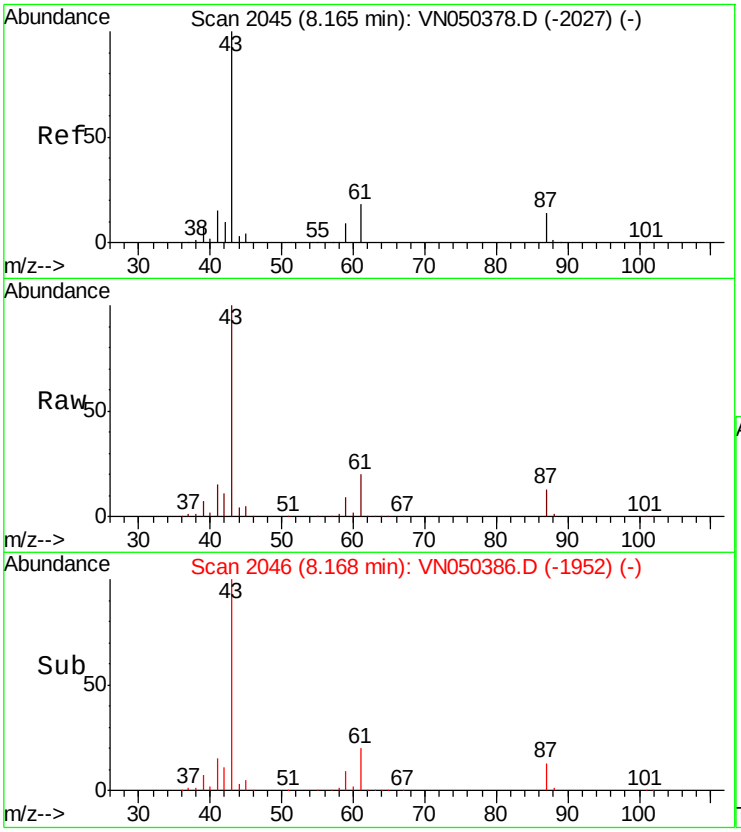


#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.04 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 41 Resp: 1100

Ion	Ratio	Lower	Upper
41	100		
39	25.3	55.8	83.6#
67	0.0	84.3	126.5#
52	0.0	34.2	51.2#



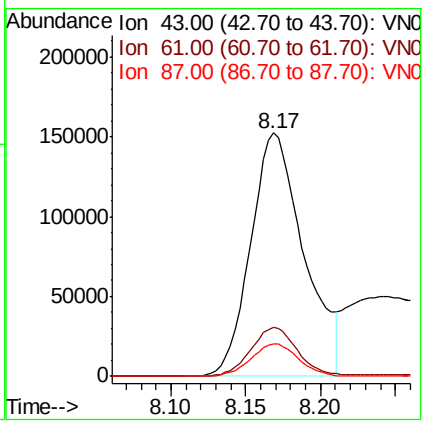


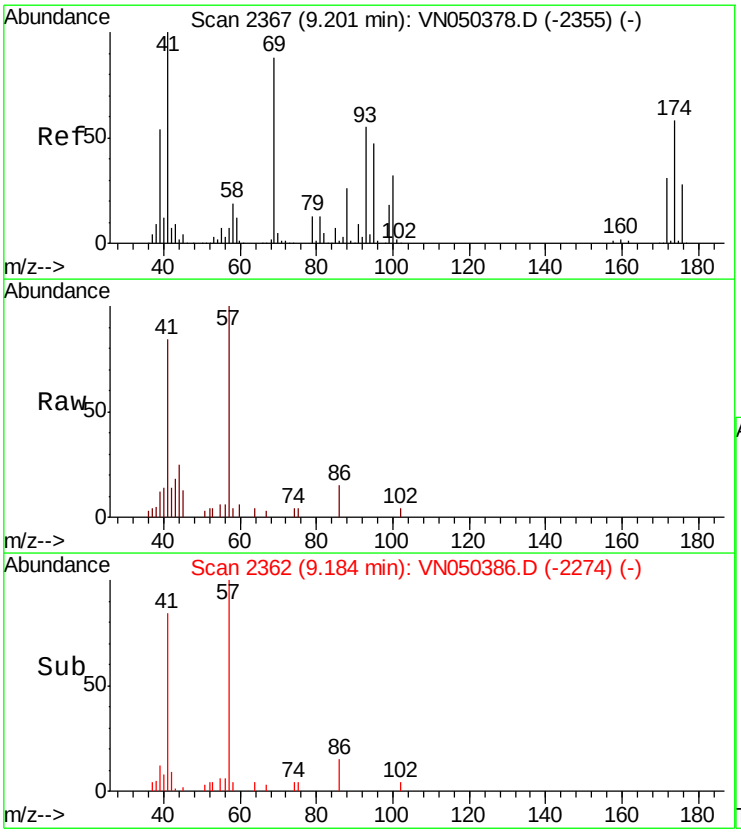
#43
Isopropyl Acetate
Concen: 24.36 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Tgt Ion: 43 Resp: 377597

Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.8	23.6
87	12.0	10.3	15.5

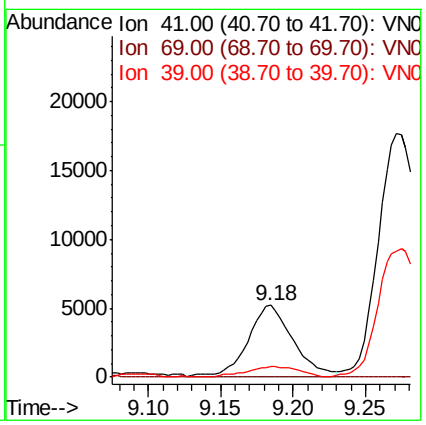


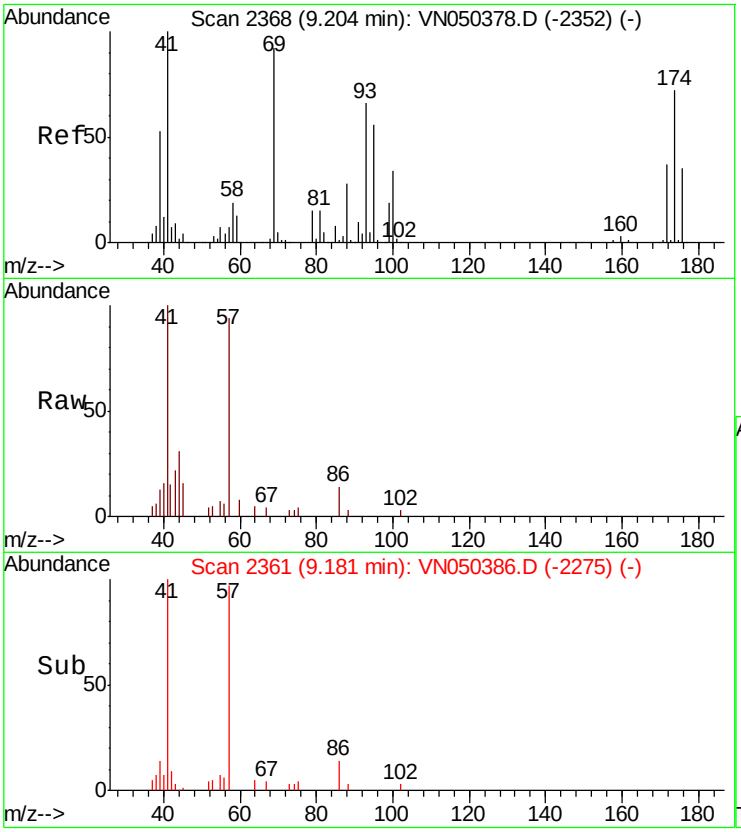


#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 41 Resp: 11371

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.6	105.8#
39	17.0	43.9	65.9#



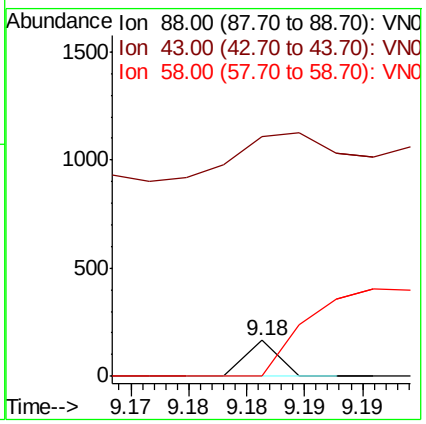


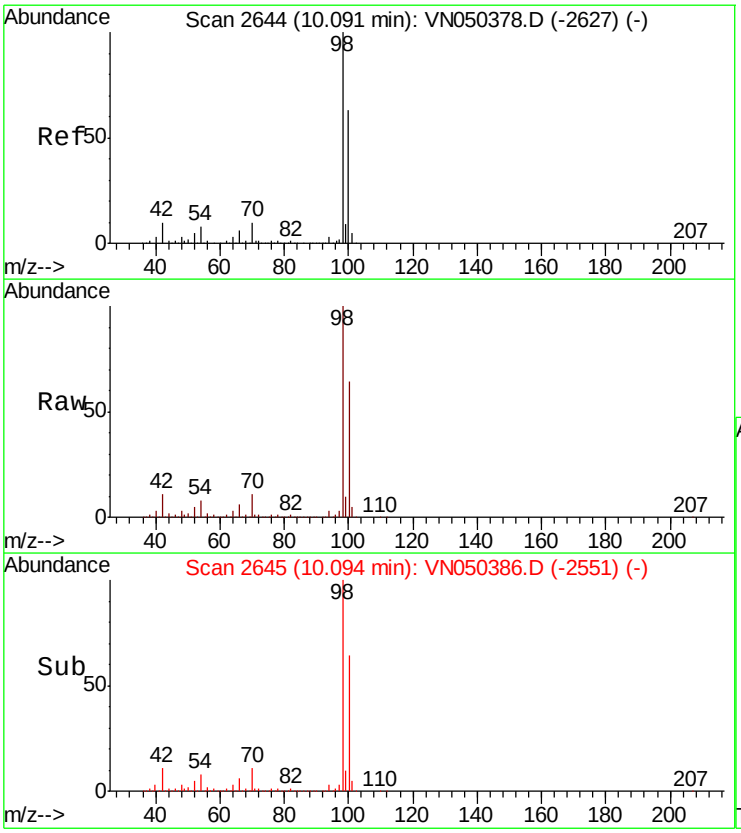
#49
1,4-Dioxane
Concen: 0.27 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Tgt Ion: 88 Resp: 32

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.9	40.3#
58	1846.9	57.3	85.9#

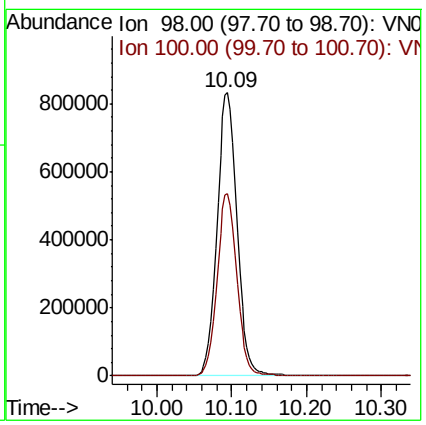


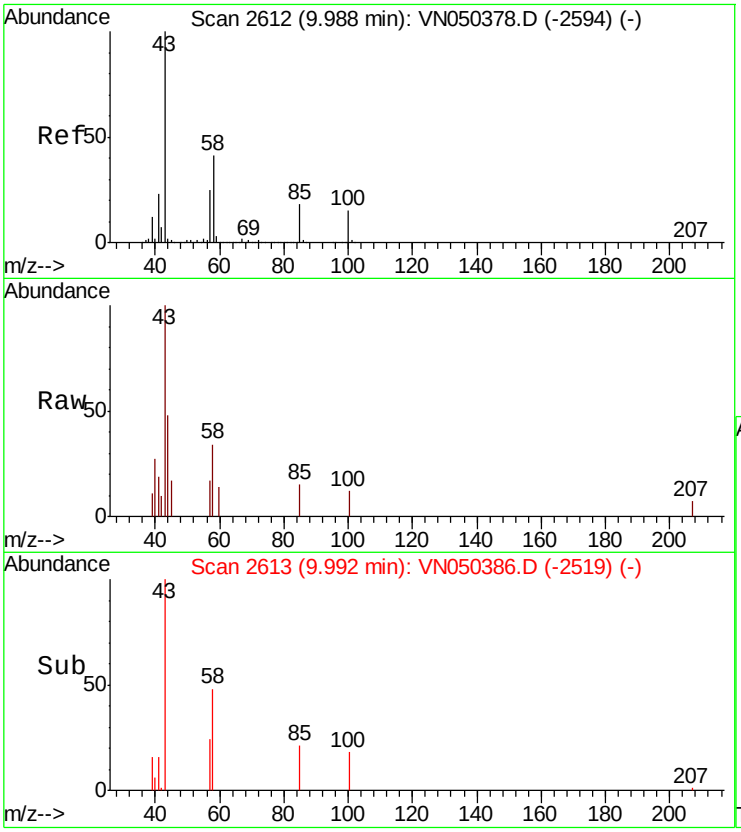


#50
Toluene-d8
Concen: 44.94 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 98 Resp: 1538406

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1



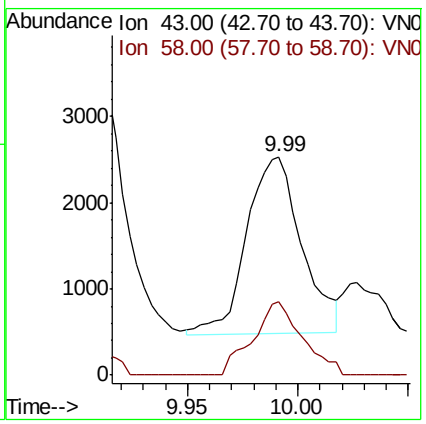


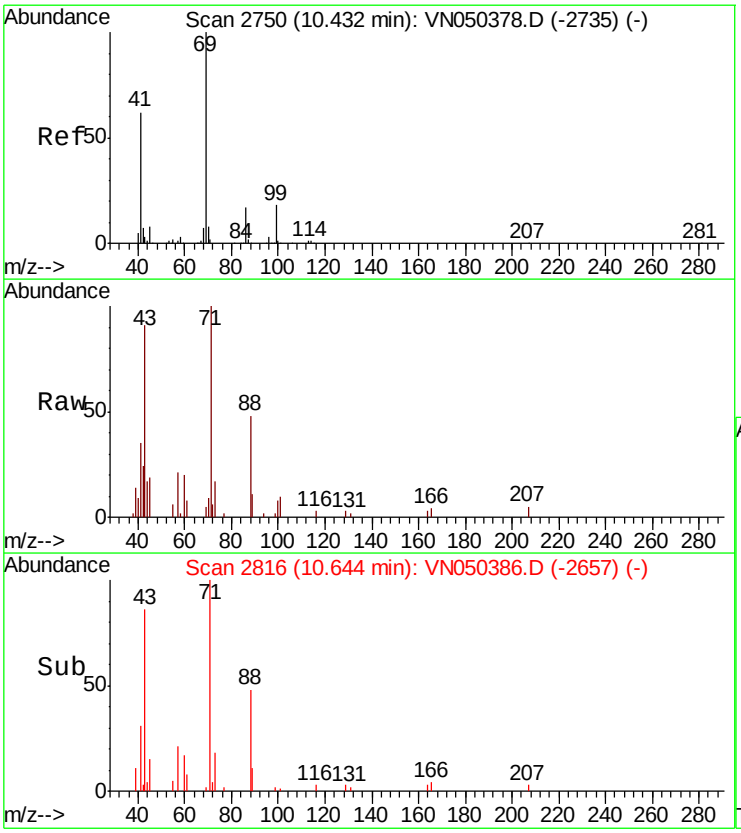
#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument : MSVOA_N
ClientSampleId : PB11760ZHE#01

Tgt Ion: 43 Resp: 3550

Ion	Ratio	Lower	Upper
43	100		
58	37.4	31.9	47.9

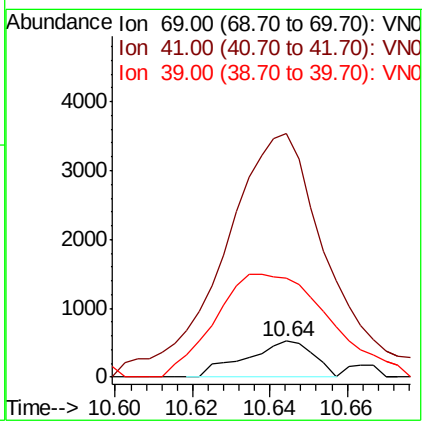


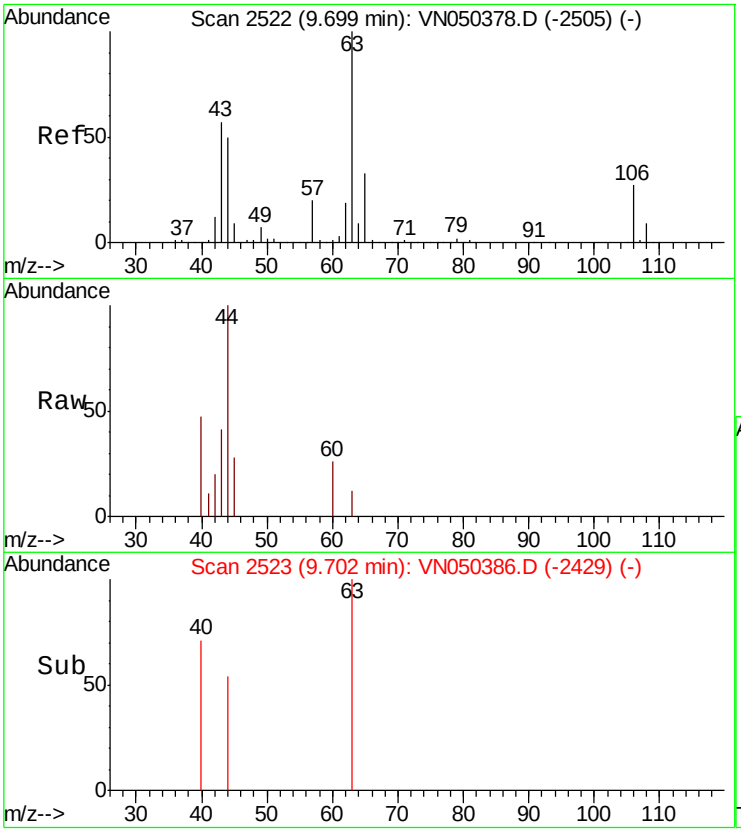


#56
Ethyl methacrylate
Concen: 1.76 ug/l
RT: 10.64 min Scan# 2816
Delta R.T. 0.21 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 69 Resp: 632

Ion	Ratio	Lower	Upper
69	100		
41	1062.2	51.0	76.4#
39	485.3	26.6	40.0#



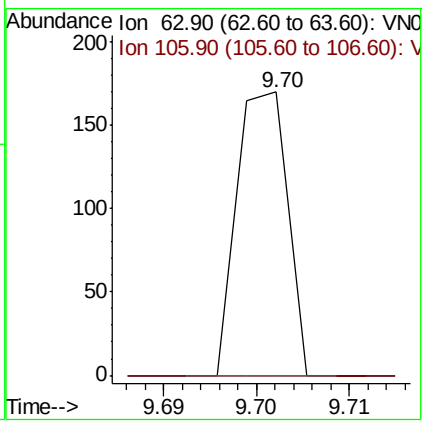


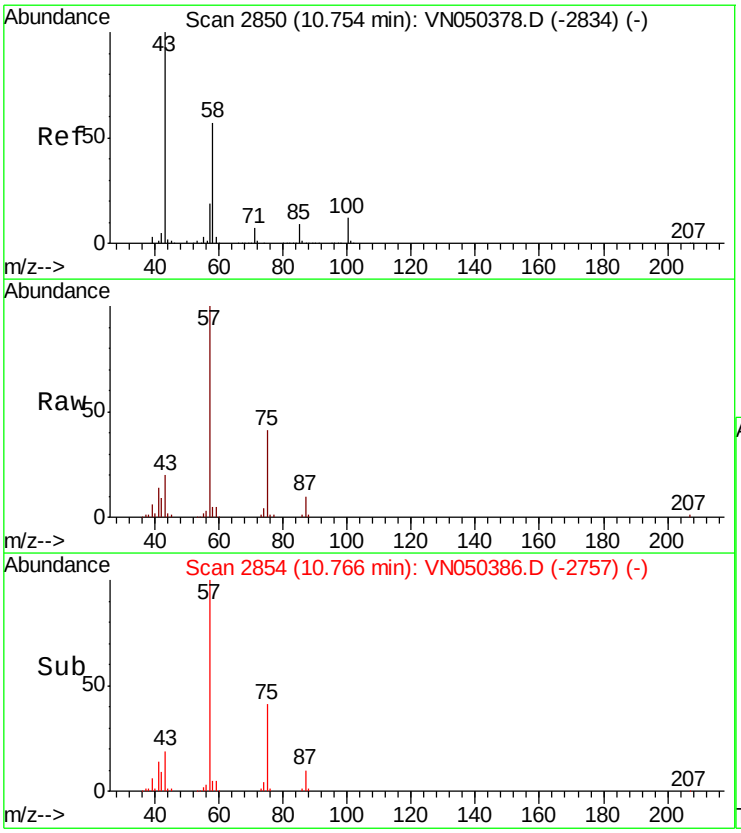
#58
2-Chloroethyl Vinyl ether
Concen: 7.40 ug/l
RT: 9.70 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 63 Resp: 65

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.7	32.5#

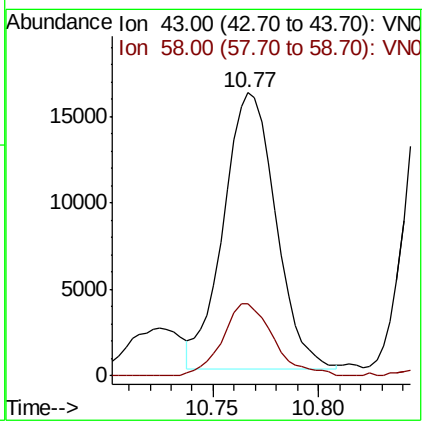


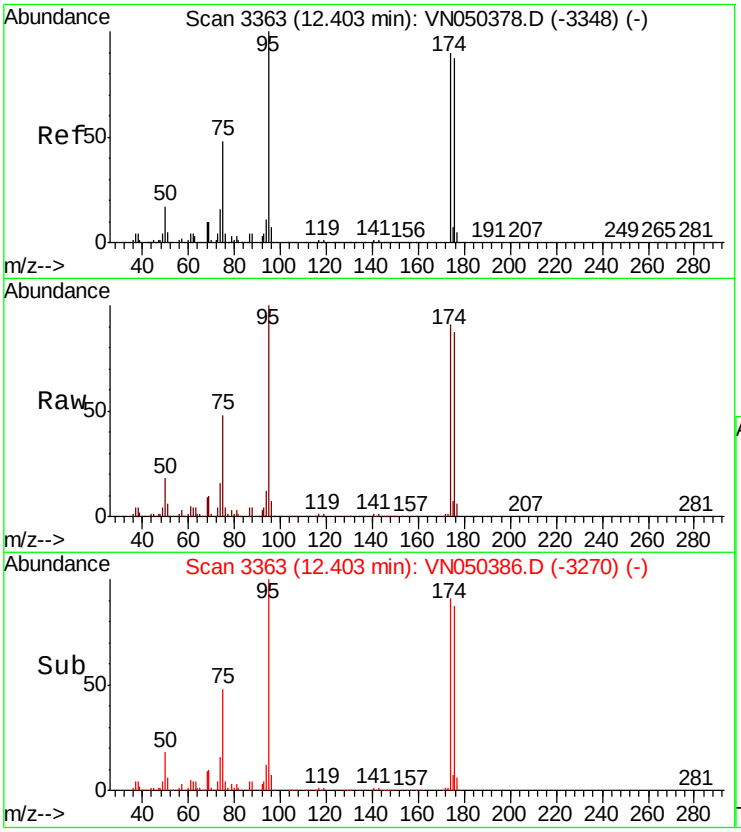


#59
2-Hexanone
Concen: 3.53 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 43 Resp: 27493

Ion	Ratio	Lower	Upper
43	100		
58	25.7	27.6	82.7#



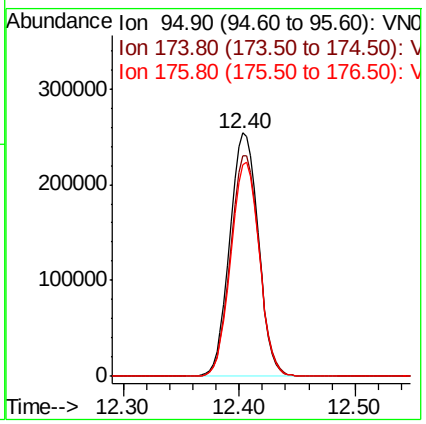


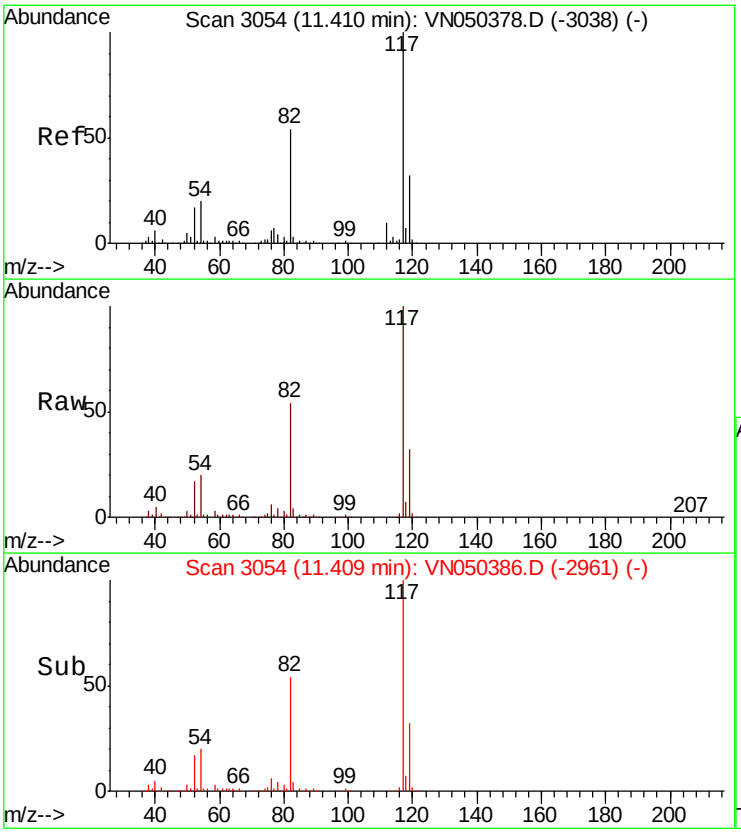
#62
4-Bromofluorobenzene
Concen: 37.02 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 95 Resp: 431969

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	178.2
176	87.5	0.0	173.4

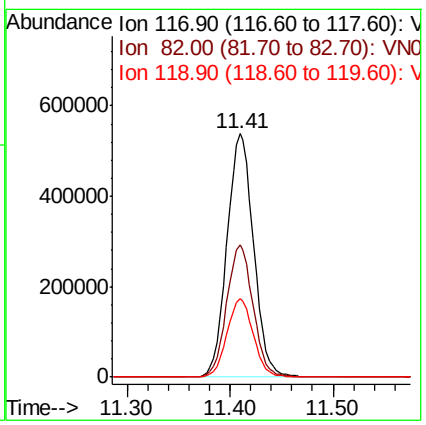


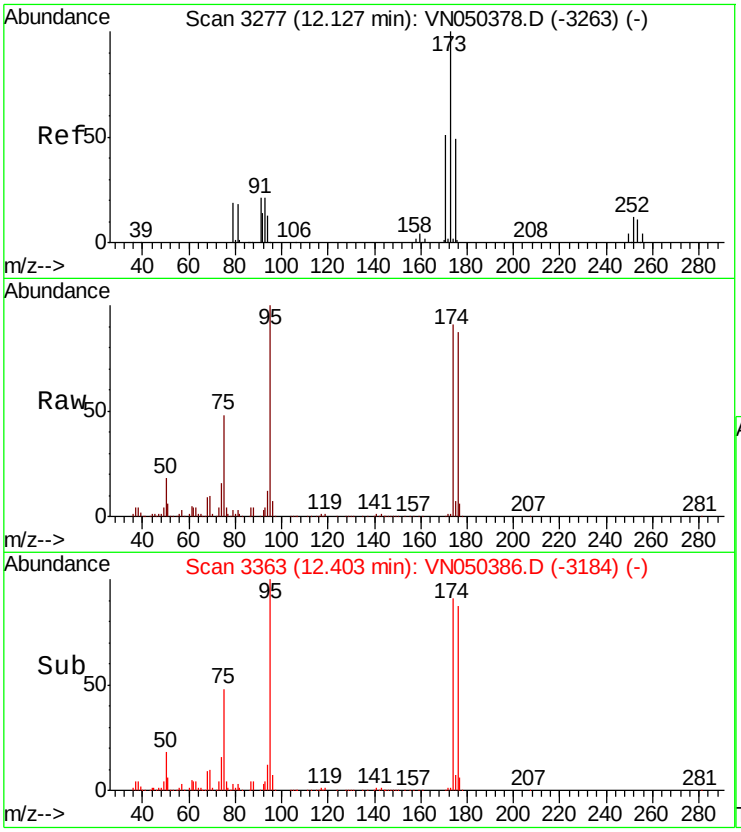


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:117 Resp: 965555

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.4	26.1	39.1



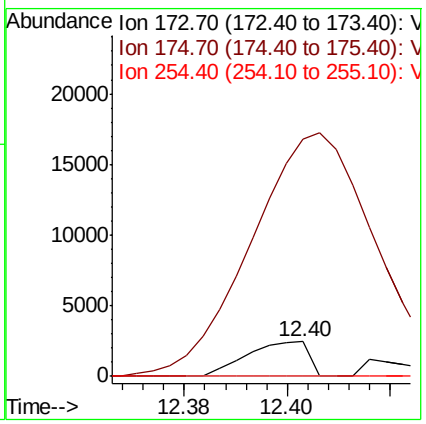


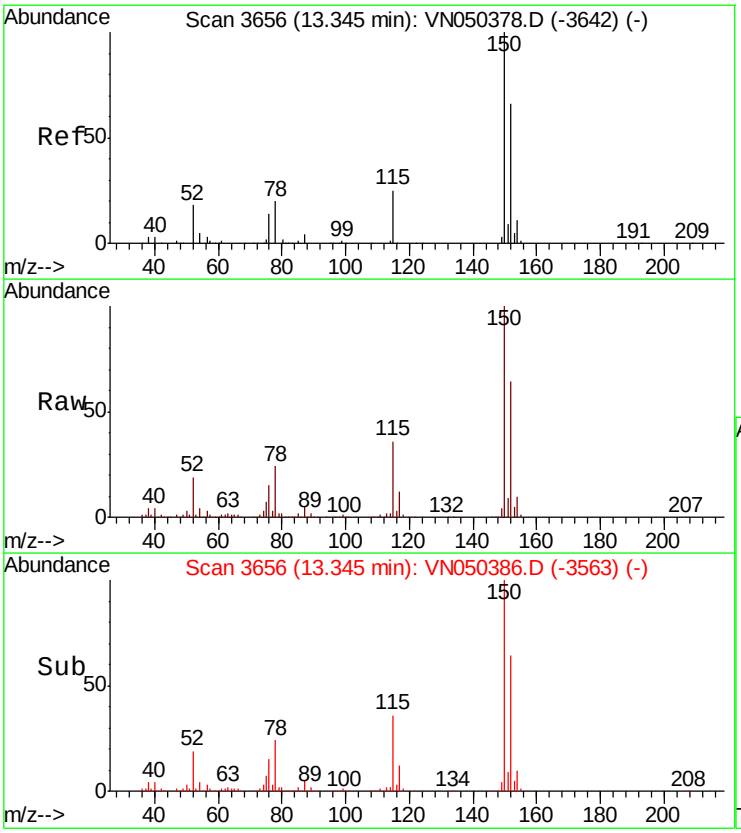
#71
Bromoform
Concen: 0.31 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:173 Resp: 2022

Ion	Ratio	Lower	Upper
173	100		
175	1132.2	24.1	72.2#
254	0.0	0.2	0.2#

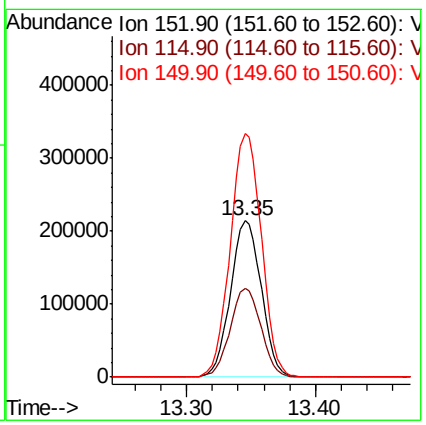


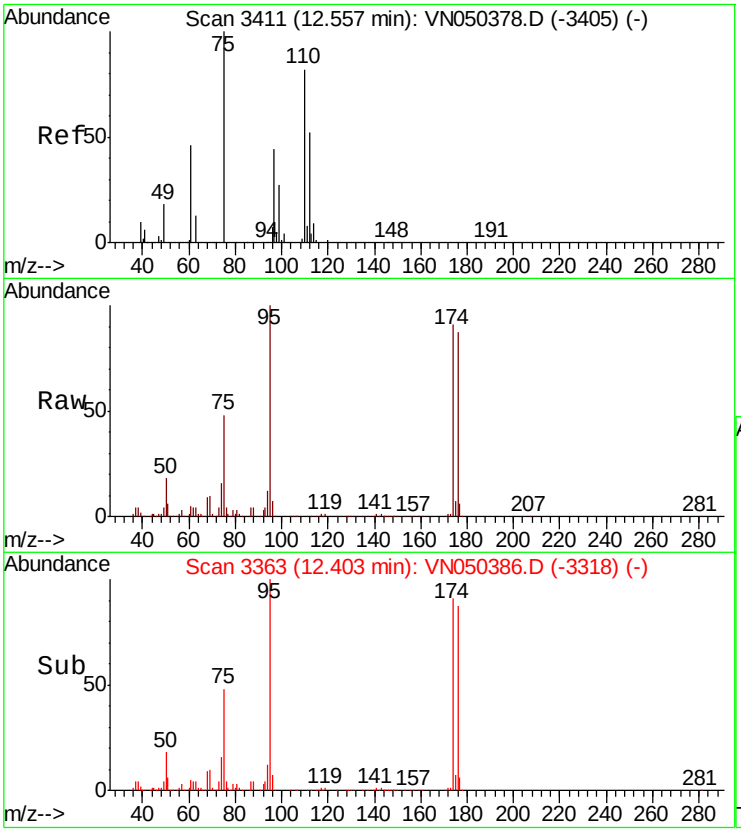


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:152 Resp: 354396

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.8	83.3
150	157.6	0.0	348.6



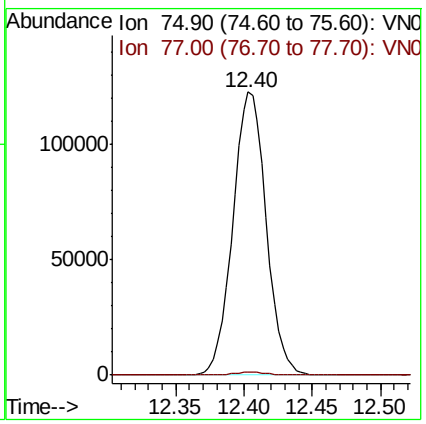


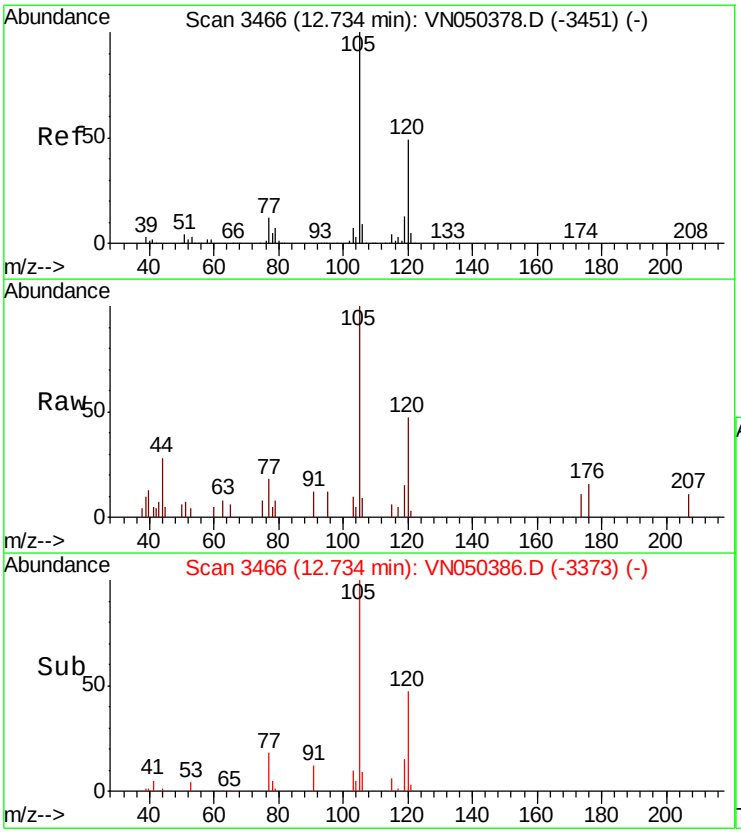
#76
1,2,3-Trichloropropane
Concen: 32.40 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.15 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 75 Resp: 207826

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

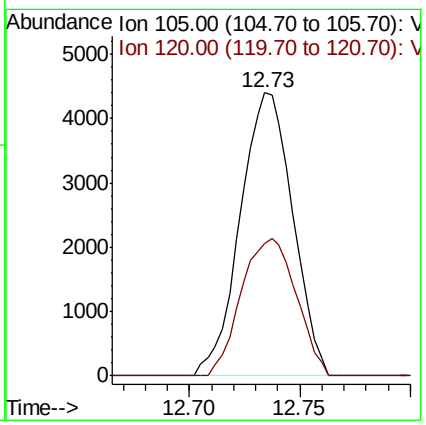


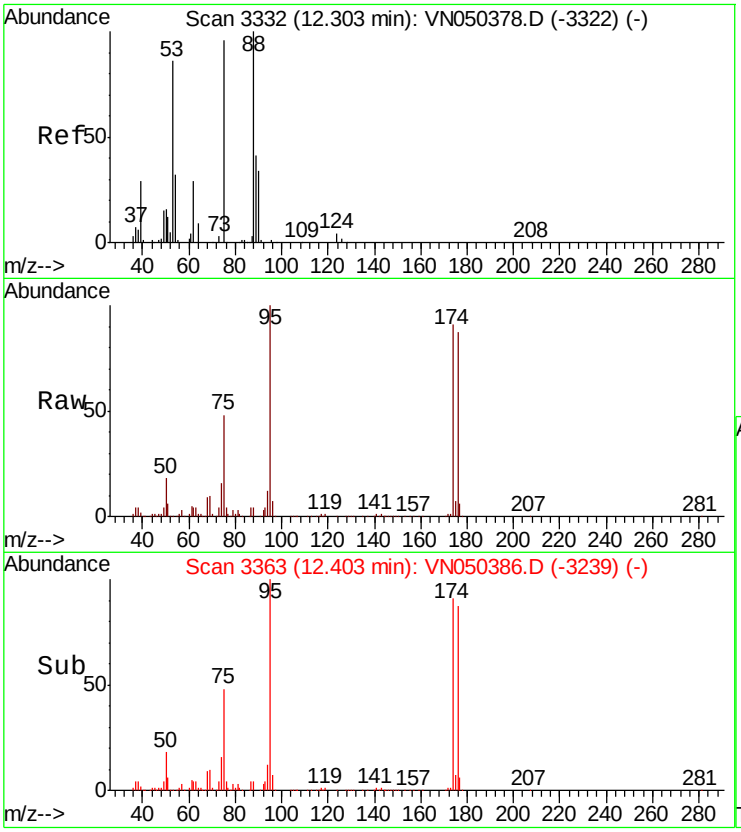


#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. -0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:105 Resp: 7286

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.4	73.2



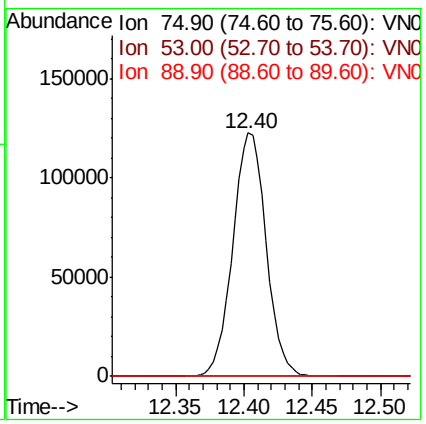


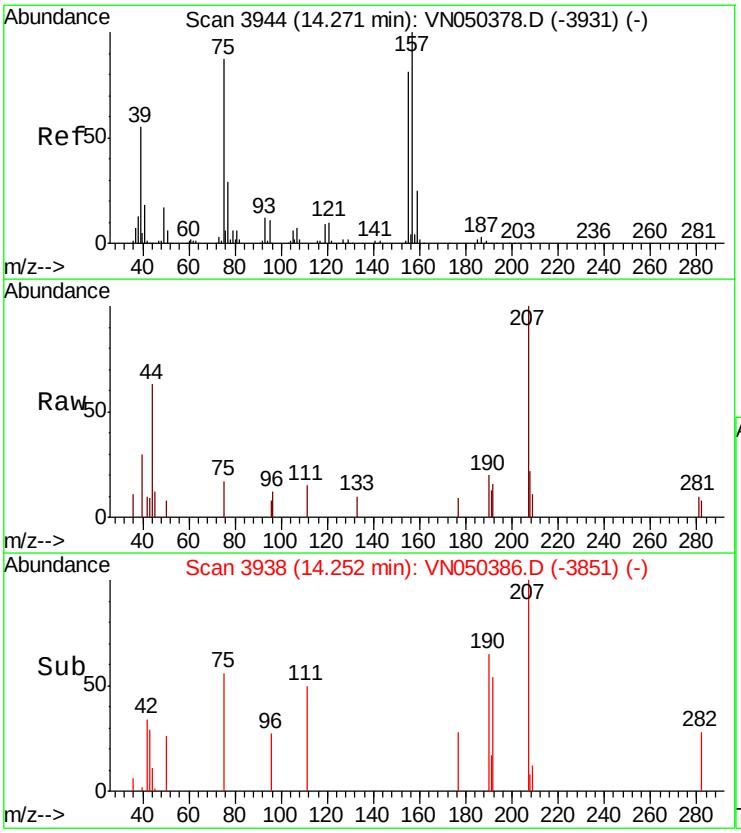
#81
trans-1,4-Dichloro-2-butene
Concen: 113.83 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion: 75 Resp: 207826

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

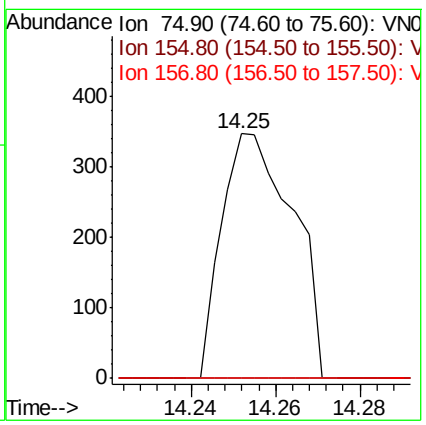


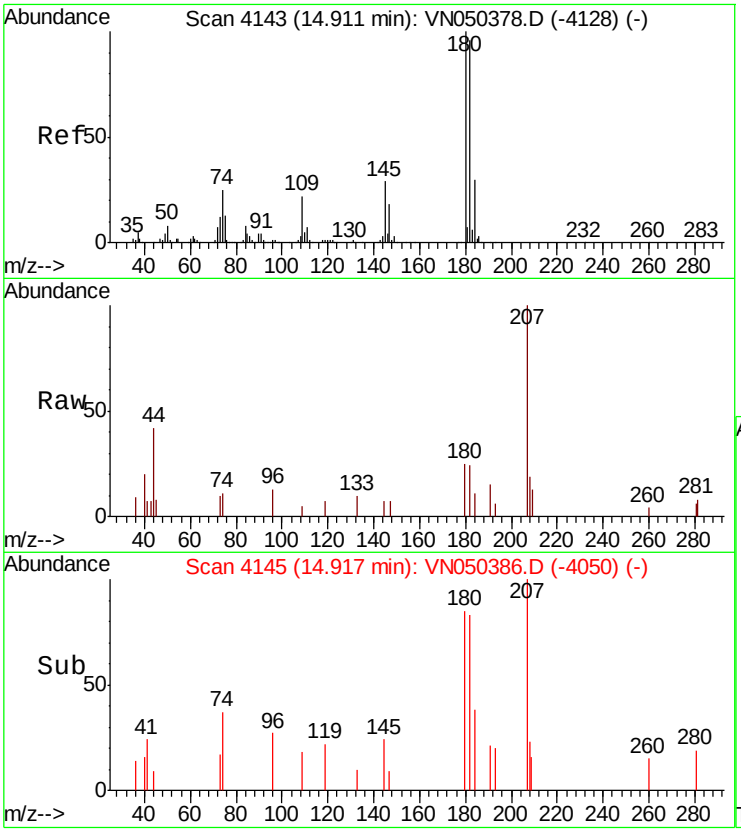


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.31 ug/l
RT: 14.25 min Scan# 3938
Delta R.T. -0.02 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion: 75 Resp: 407

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



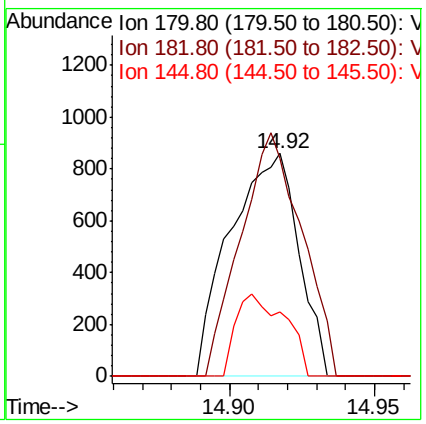


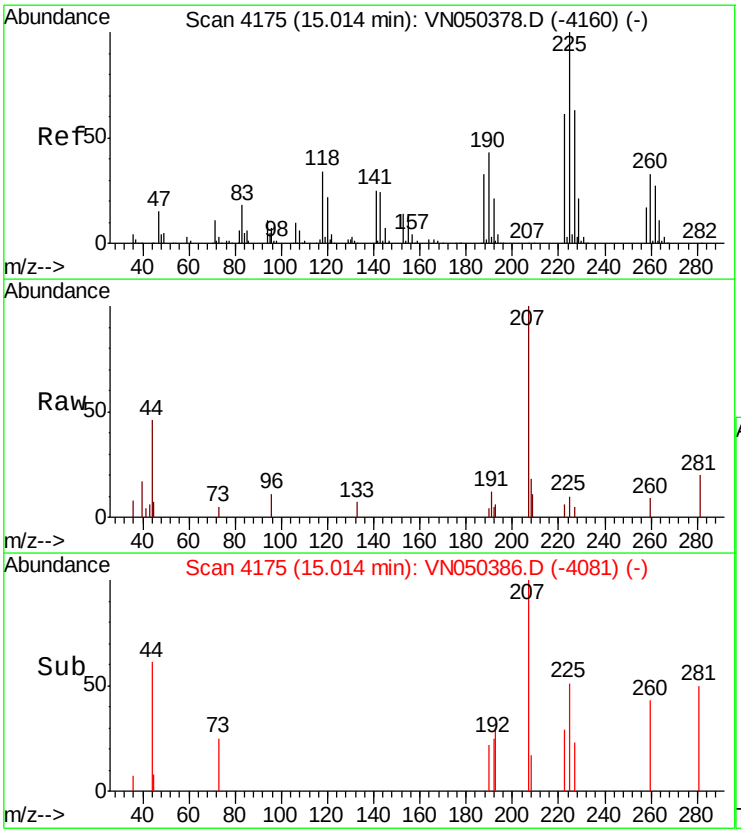
#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 14.92 min Scan# 4145
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:180 Resp: 1408

Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.7	140.1
145	26.5	13.8	41.4

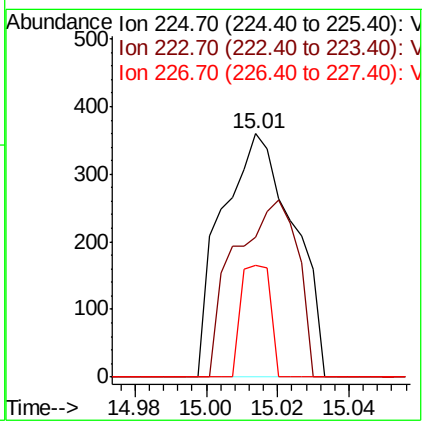


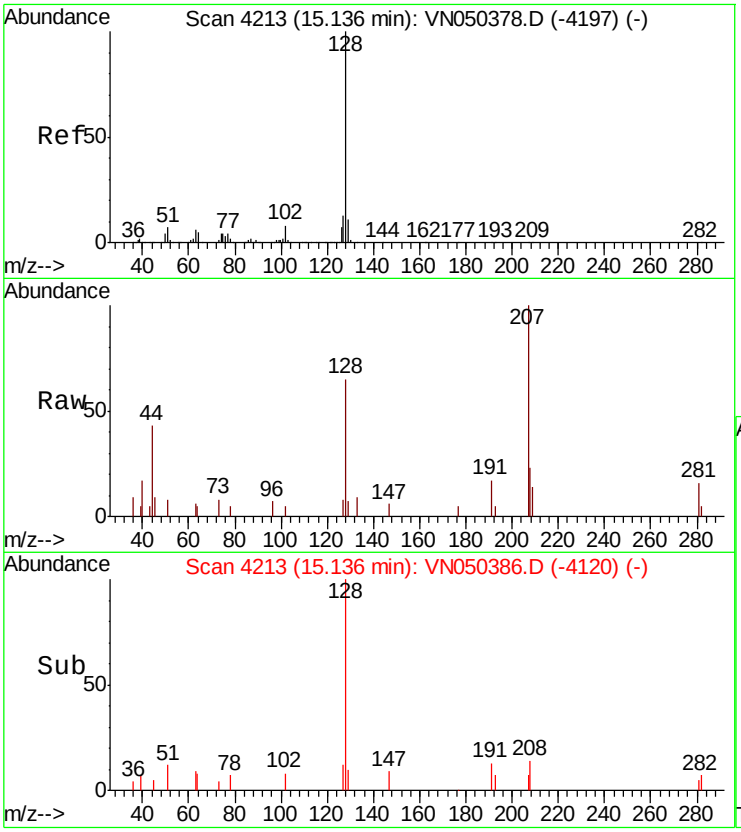


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:225 Resp: 500

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.2
227	18.8	32.1	96.5#



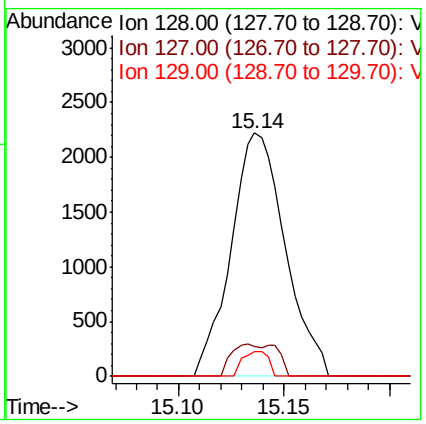


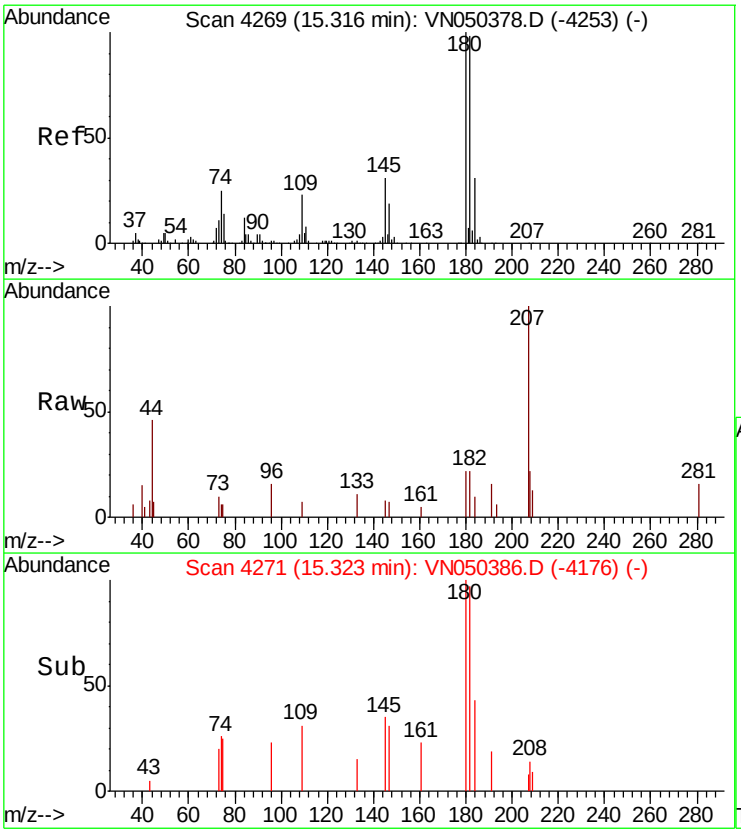
#95
Naphthalene
Concen: 3.83 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#01

Tgt Ion:128 Resp: 3963

Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.4	15.6#
129	4.8	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 0.25 ug/l
RT: 15.32 min Scan# 4271
Delta R.T. 0.01 min
Lab File: VN050386.D
Acq: 6 Aug 2018 16:15

Tgt Ion:180 Resp: 1633

Ion	Ratio	Lower	Upper
180	100		
182	85.5	48.1	144.4
145	26.3	15.3	45.9