Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091318\
Data File : VX004512.D
Acq On : 13 Sep 2018 13:27
Operator : JC/MD
Sample : J4871-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Quant Time: Sep 14 03:52:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166191	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
35) Dibromofluoromethane	5.50	113	148596	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.84%			
50) Toluene-d8	8.72	98	499059	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.98%			
62) 4-Bromofluorobenzene	11.14	95	172346	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.96%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	685	0.213	ug/l	100
5) Bromomethane	1.65	94	1100	Below Cal	#	76
10) Methyl Iodide	2.51	142	943	4.517	ug/l	96
11) Tert butyl alcohol	3.07	59	2975	3.886	ug/l #	92
13) Acrolein	2.28	56	99	0.328	ug/l #	1
16) Acetone	2.45	43	43155	27.556	ug/l	96
18) Methyl Acetate	2.78	43	5519	1.256	ug/l	100
20) Methylene Chloride	2.85	84	19708	6.135	ug/l	97
25) 2-Butanone	4.71	43	4435	1.779	ug/l #	88
29) Tetrahydrofuran	5.17	42	991	0.659	ug/l #	45
30) Chloroform	5.21	83	2636	0.497	ug/l	94
36) 1,1-Dichloropropene	5.67	75	16173	3.808	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21388	5.156	ug/l #	16
41) Methacrylonitrile	5.17	41	823	0.309	ug/l #	37
43) Isopropyl Acetate	6.46	43	108094	16.849	ug/l	97
48) Methyl methacrylate	7.69	41	5245	1.652	ug/l #	20
51) 4-Methyl-2-Pentanone	8.65	43	1182	0.261	ug/l #	76
54) cis-1,3-Dichloropropene	8.62	75	922	0.214	ug/l #	66
76) 1,2,3-Trichloropropane	11.14	75	81575	22.521	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	81575	71.785	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	4556	0.448	ug/l	100
95) Naphthalene	13.83	128	10268	0.835	ug/l	99

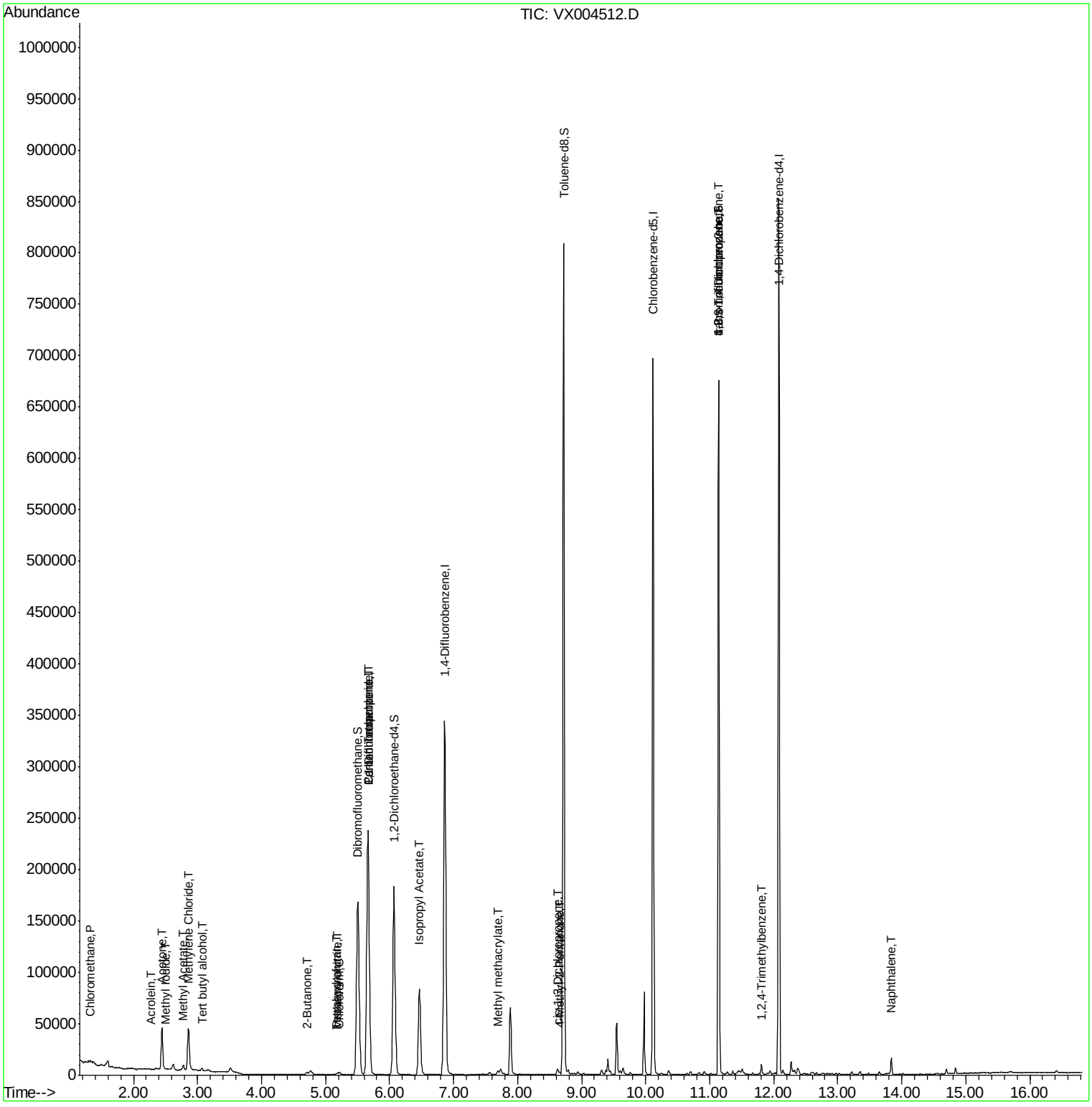
(#) = qualifier out of range (m) = manual integration (+) = signals summed

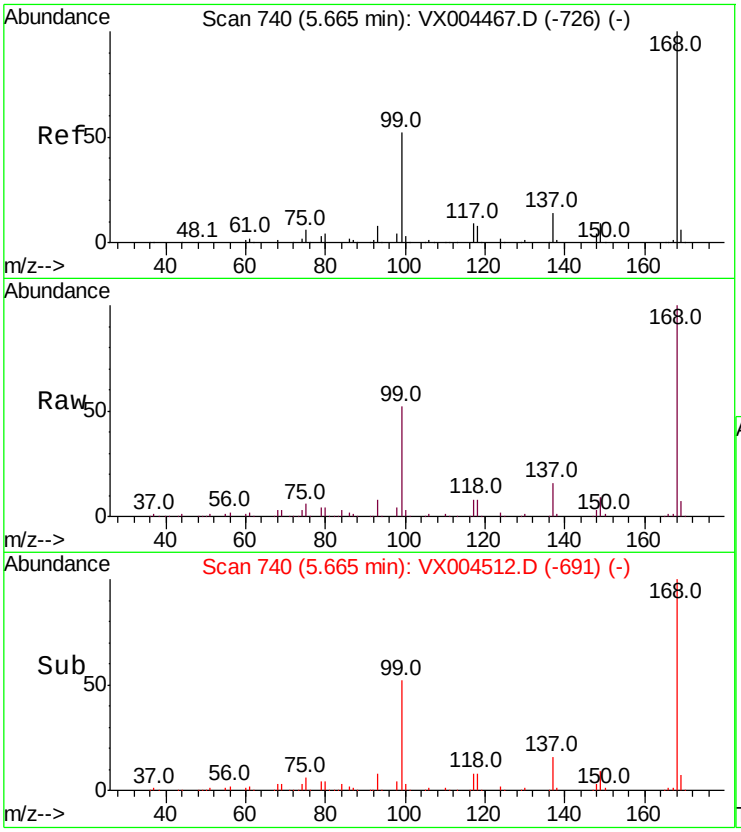
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
Data File : VX004512.D
Acq On : 13 Sep 2018 13:27
Operator : JC/MD
Sample : J4871-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Quant Time: Sep 14 03:52:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



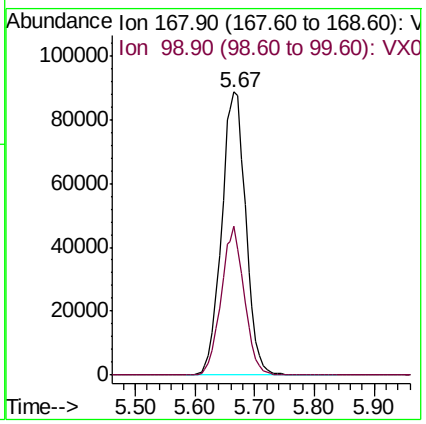


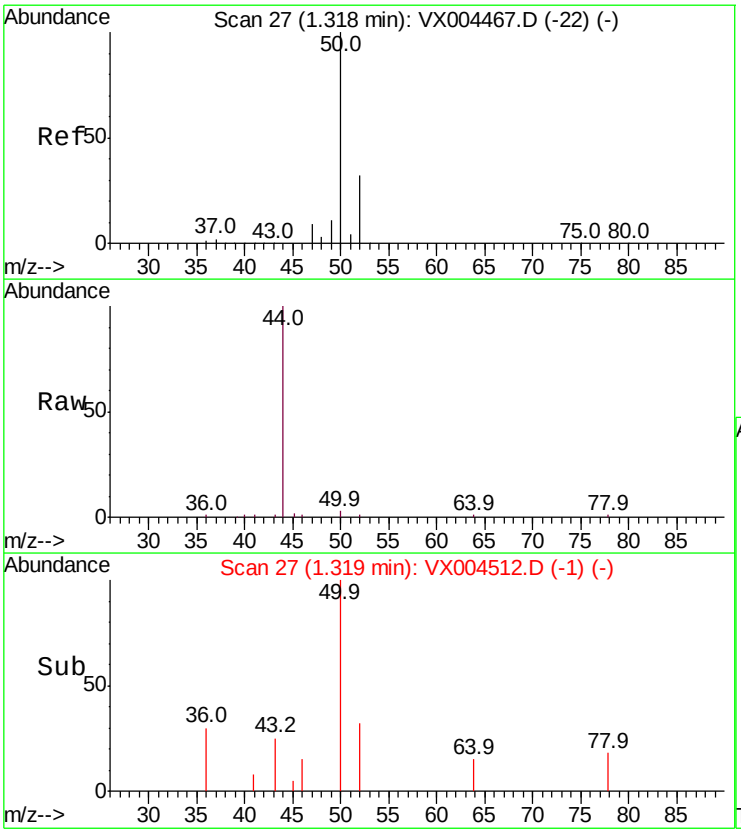
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion:168 Resp: 248847

Ion	Ratio	Lower	Upper
168	100		
99	52.4	39.9	59.9

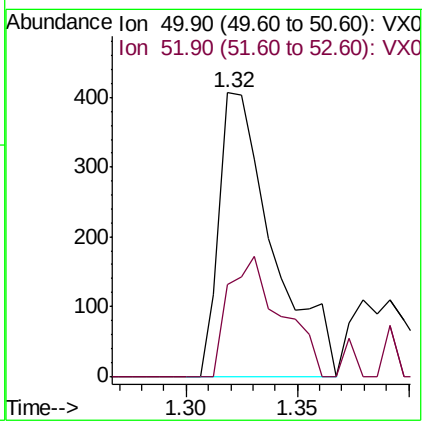


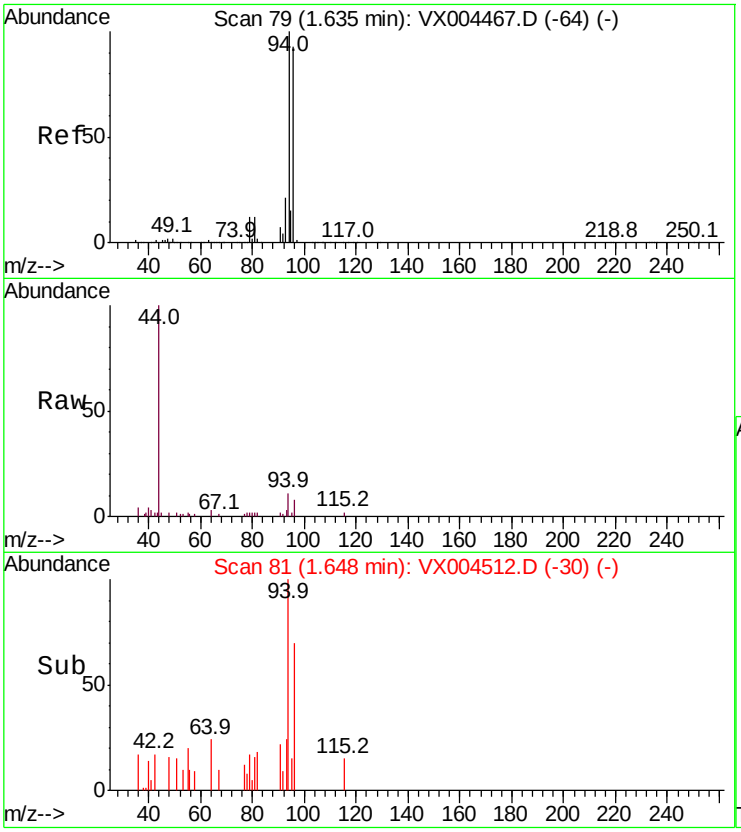


#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 50 Resp: 685

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.2	39.2



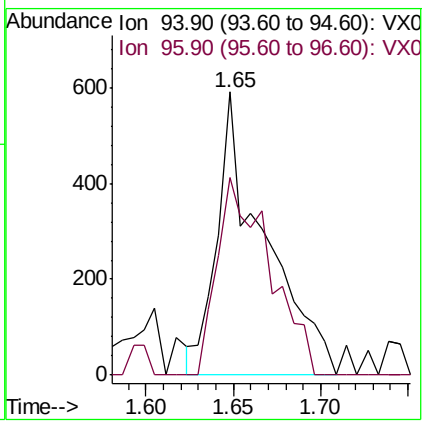


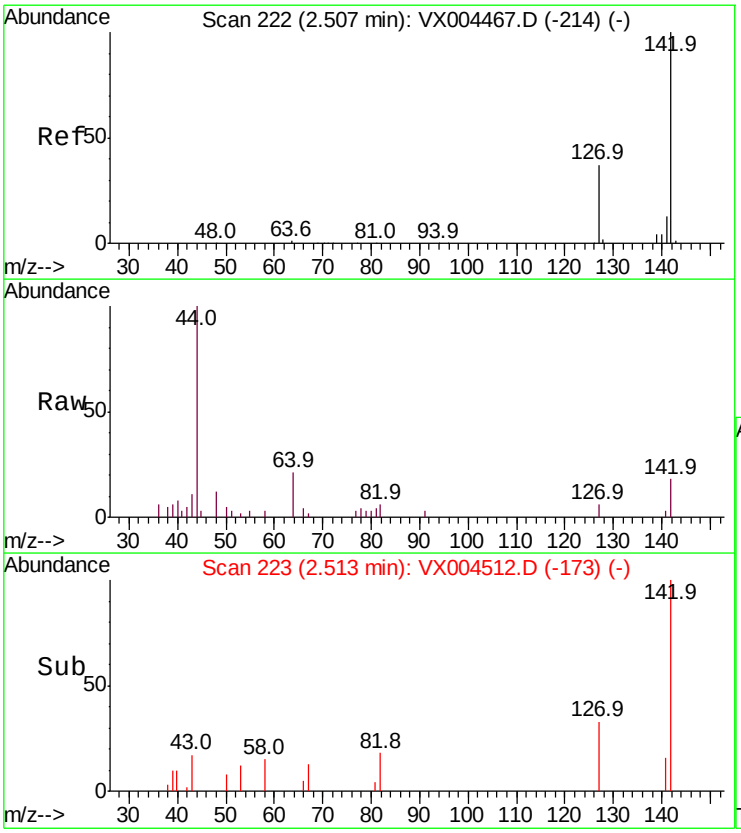
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 94 Resp: 1100

Ion	Ratio	Lower	Upper
94	100		
96	69.7	74.5	111.7#

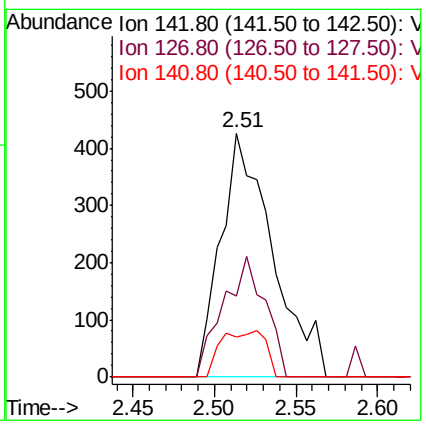


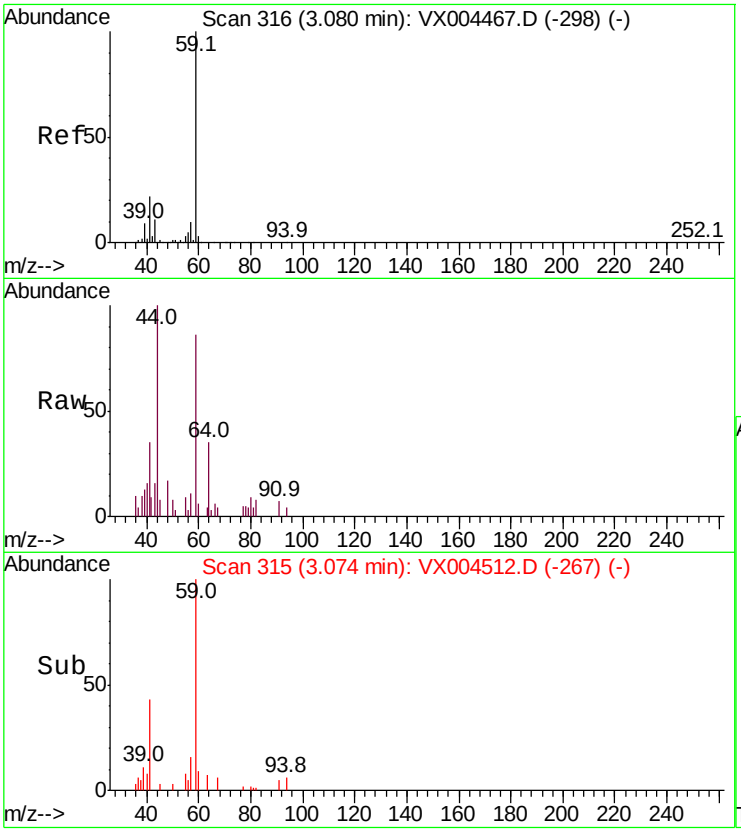


#10
Methyl Iodide
Concen: 4.517 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion:142 Resp: 943

Ion	Ratio	Lower	Upper
142	100		
127	40.1	33.8	50.6
141	16.2	11.4	17.0



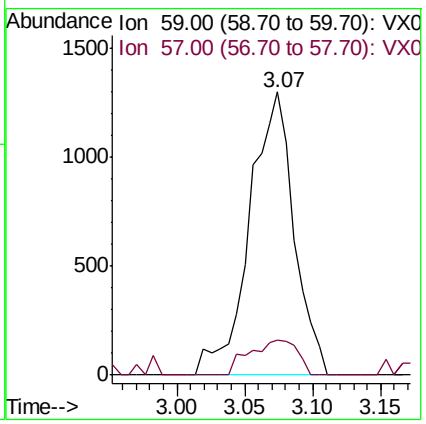


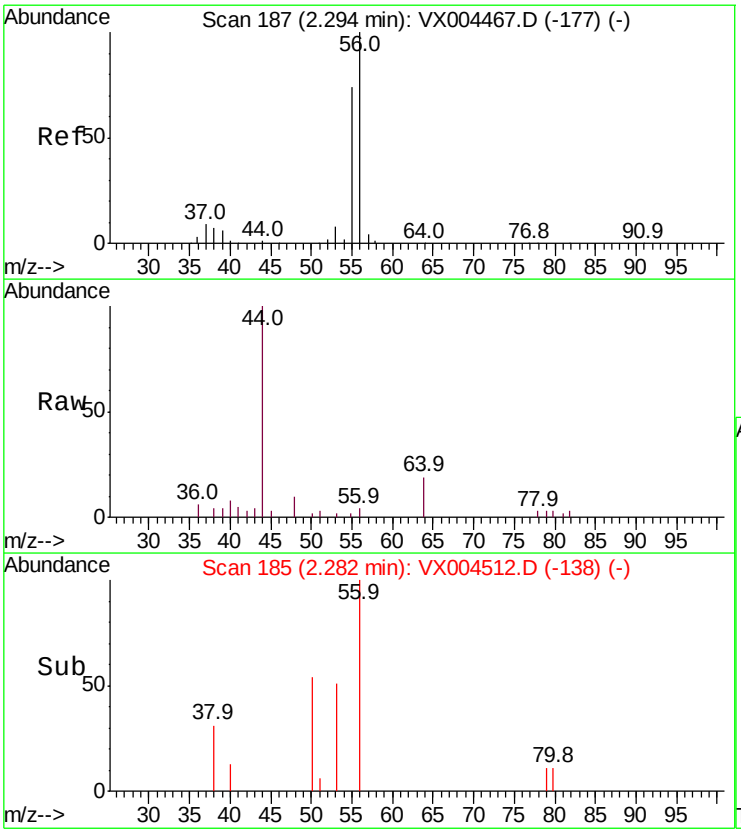
#11
Tert butyl alcohol
Concen: 3.886 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion: 59 Resp: 2975

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.2	12.4#

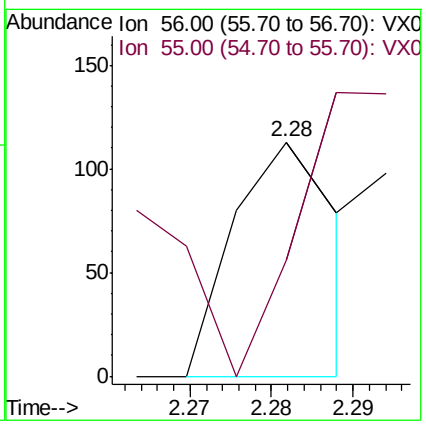


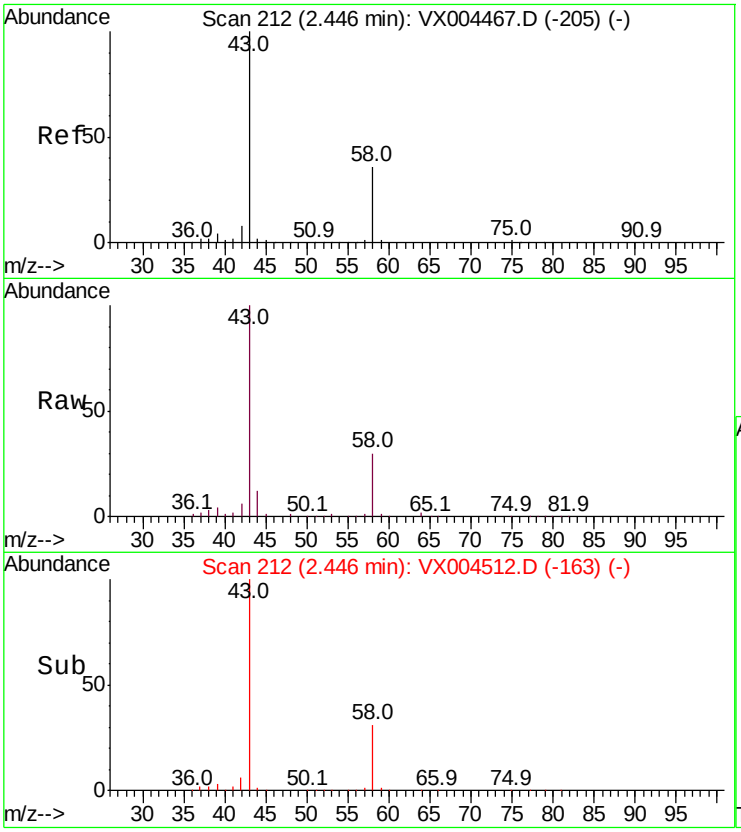


#13
Acrolein
Concen: 0.328 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 56 Resp: 99

Ion	Ratio	Lower	Upper
56	100		
55	165.7	54.7	82.1#



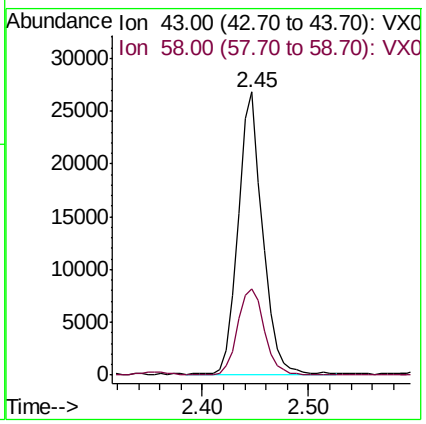


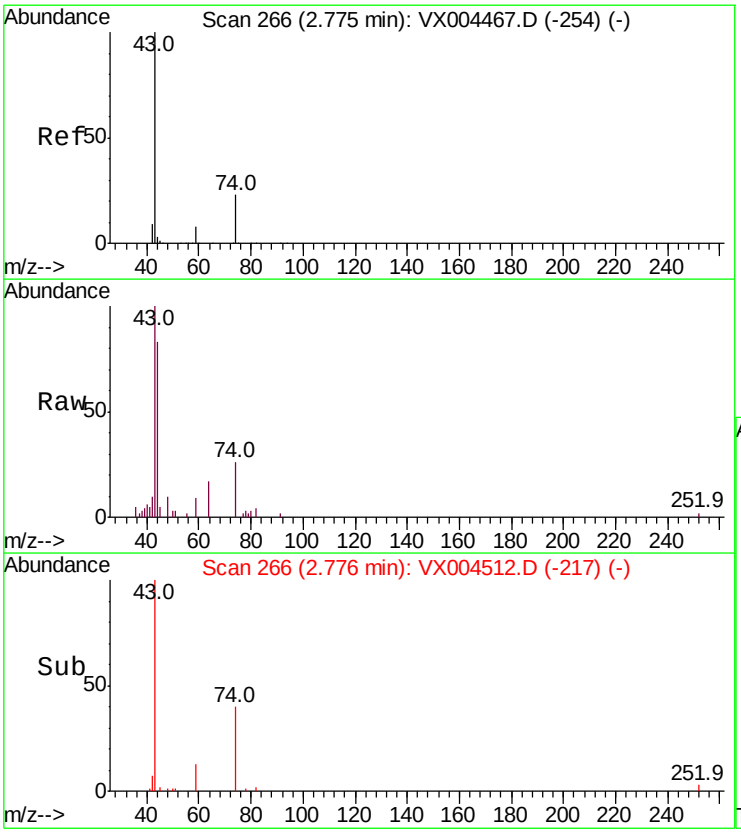
#16
Acetone
Concen: 27.556 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion: 43 Resp: 43155

Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.2	39.4

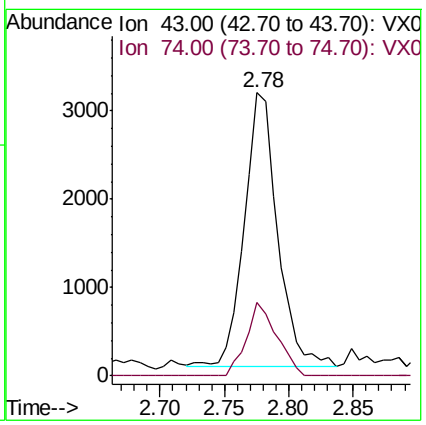


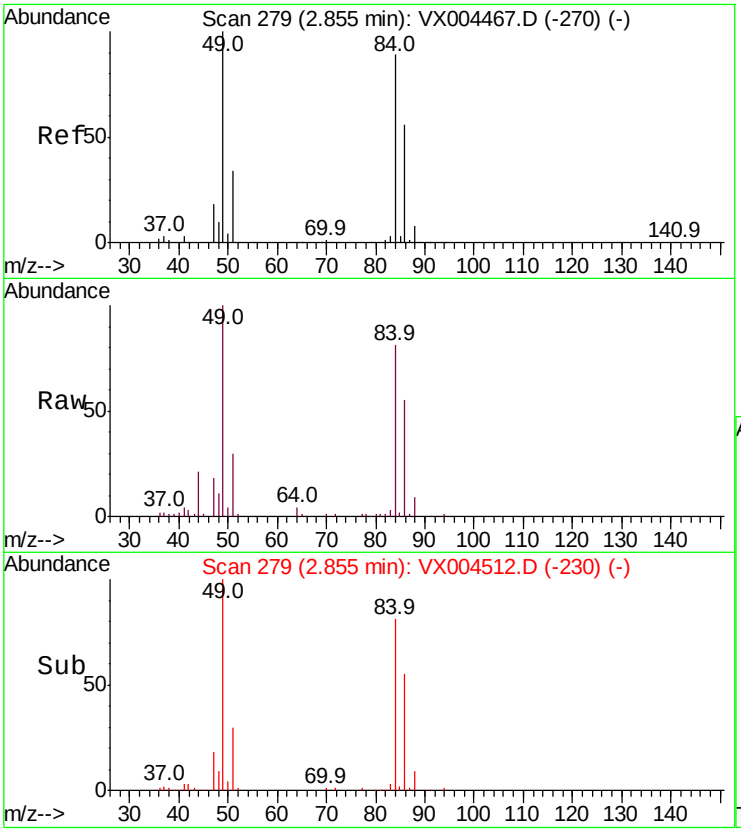


#18
Methyl Acetate
Concen: 1.256 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 43 Resp: 5519

Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2



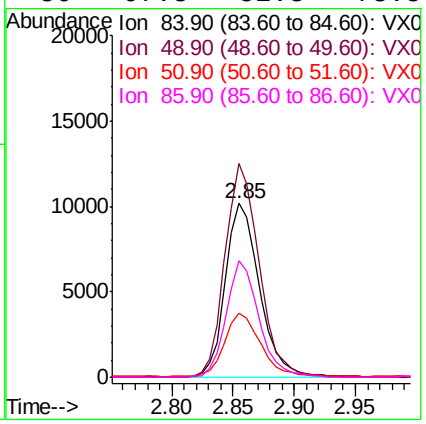


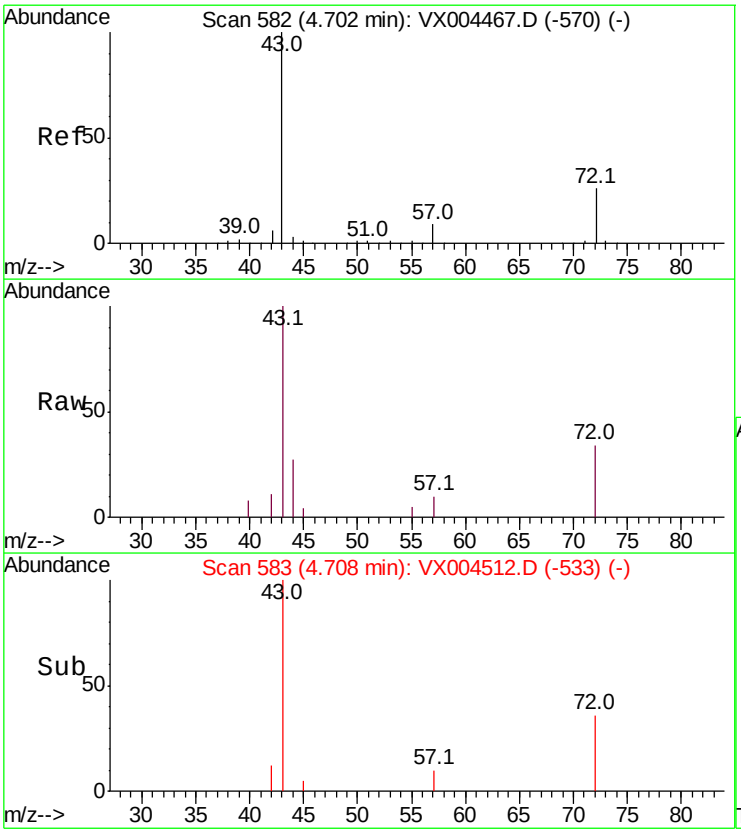
#20
Methylene Chloride
Concen: 6.135 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion: 84 Resp: 19708

Ion	Ratio	Lower	Upper
84	100		
49	122.8	101.2	151.8
51	35.9	29.5	44.3
86	67.3	52.3	78.5

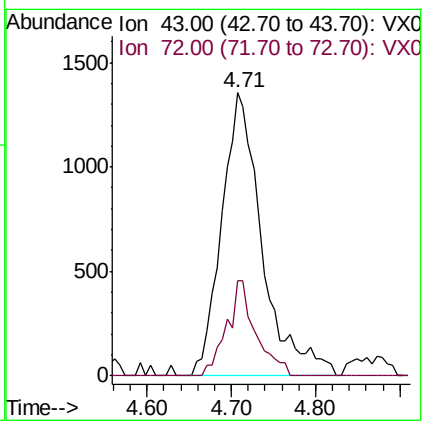


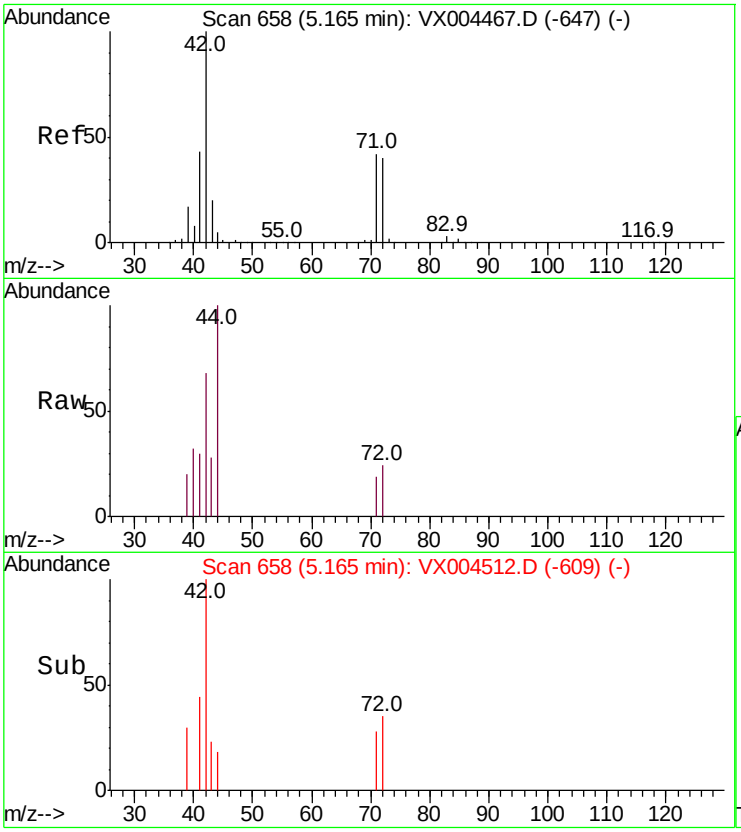


#25
2-Butanone
Concen: 1.779 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 43 Resp: 4435

Ion	Ratio	Lower	Upper
43	100		
72	33.7	22.0	33.0#



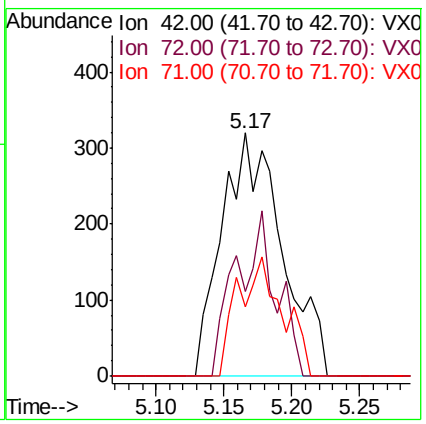


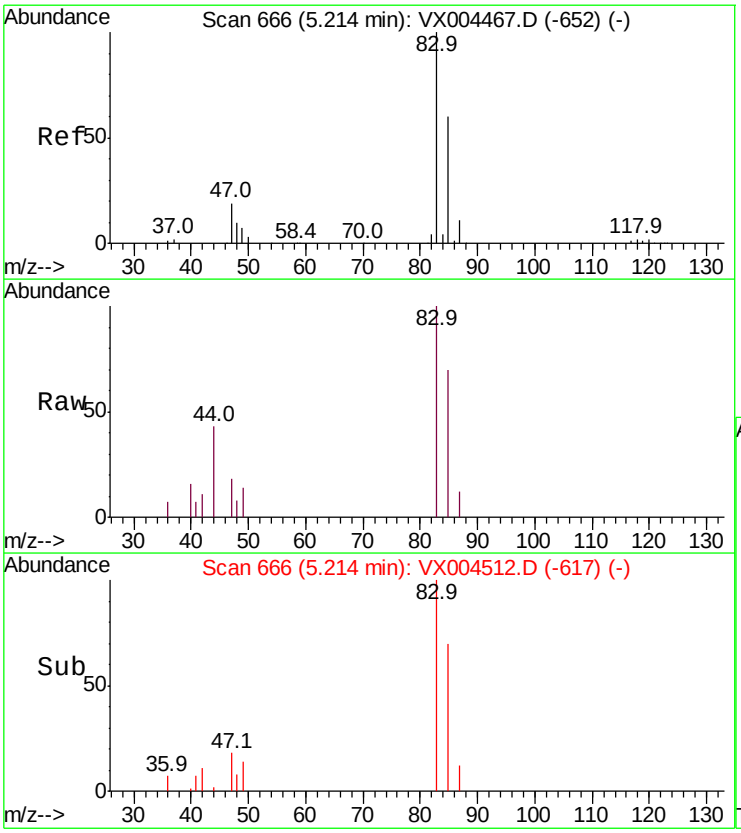
#29
Tetrahydrofuran
Concen: 0.659 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 42 Resp: 991

Ion	Ratio	Lower	Upper
42	100		
72	17.8	37.4	56.0#
71	0.0	34.5	51.7#

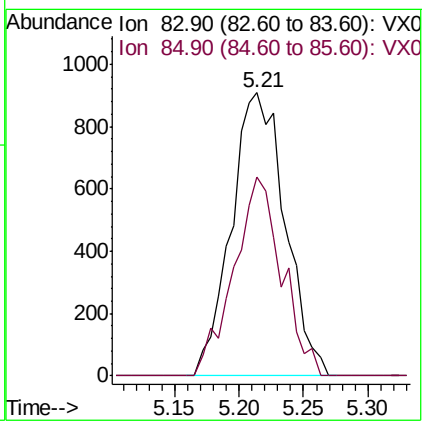


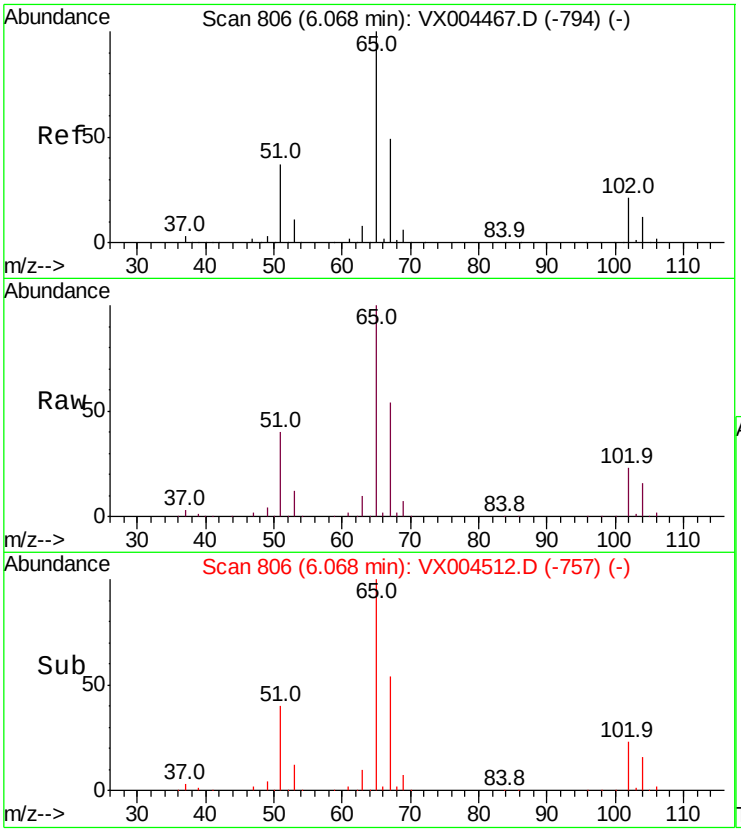


#30
Chloroform
Concen: 0.497 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 83 Resp: 2636

Ion	Ratio	Lower	Upper
83	100		
85	70.4	52.6	79.0



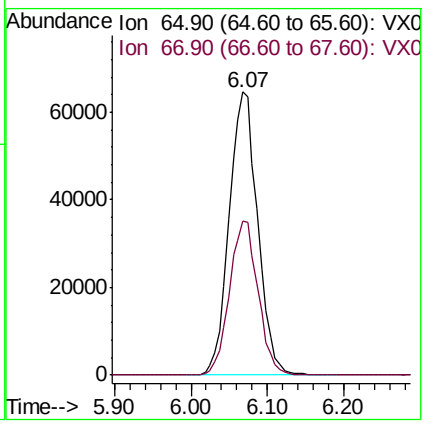


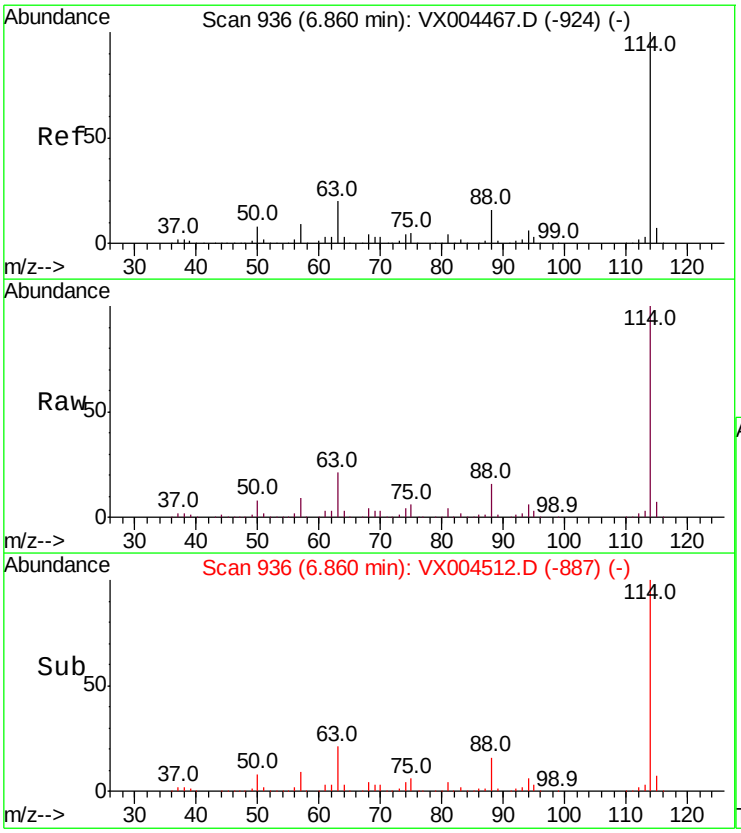
#33
1,2-Dichloroethane-d4
Concen: 51.795 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 65 Resp: 166191

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.8

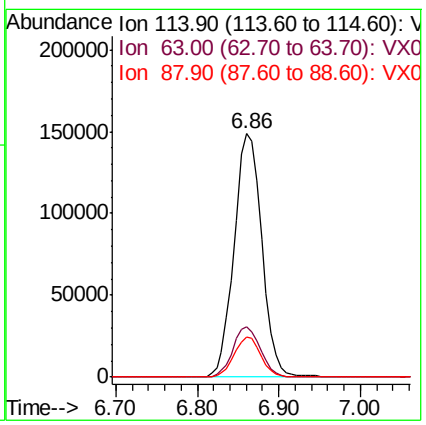


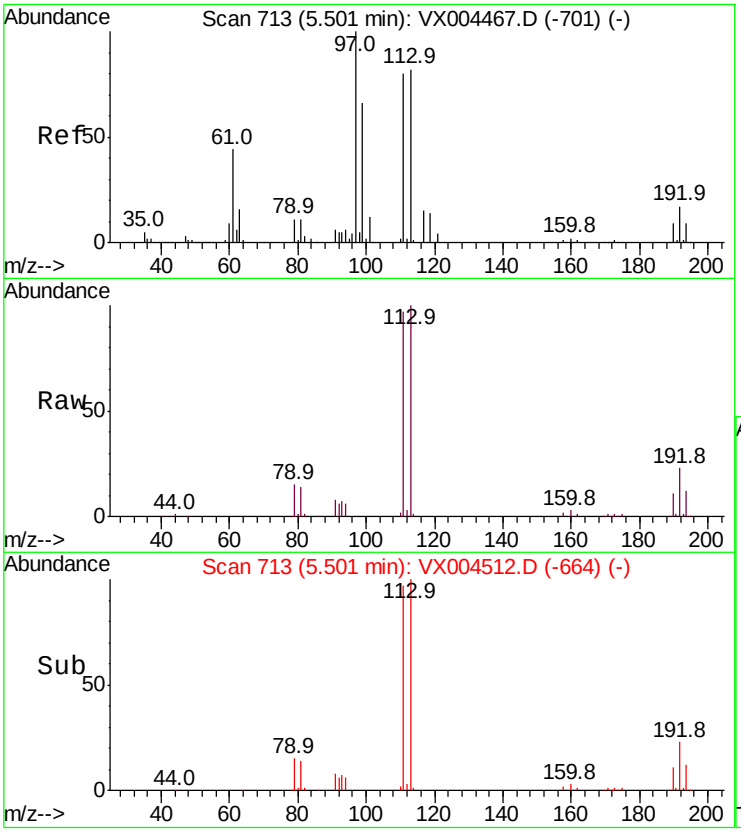


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion:114 Resp: 349804

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	16.4	0.0	30.4



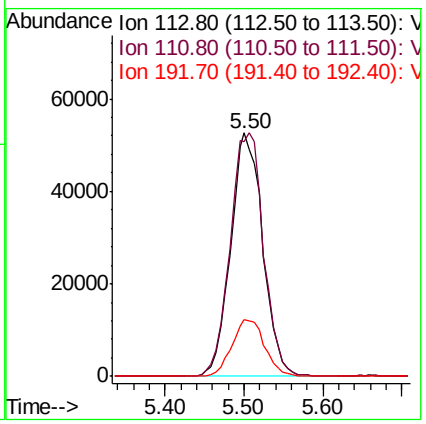


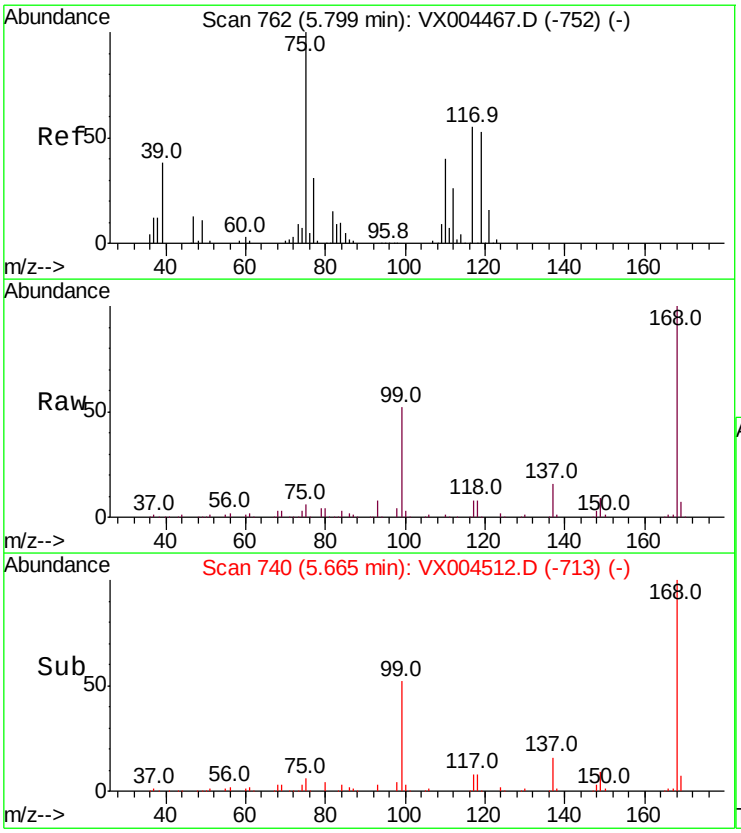
#35
Dibromofluoromethane
Concen: 46.421 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion:113 Resp: 148596

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	23.9	19.4	29.2

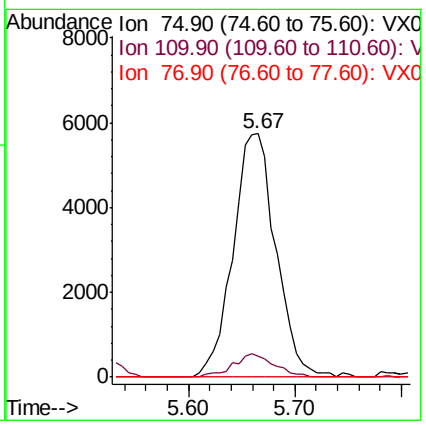


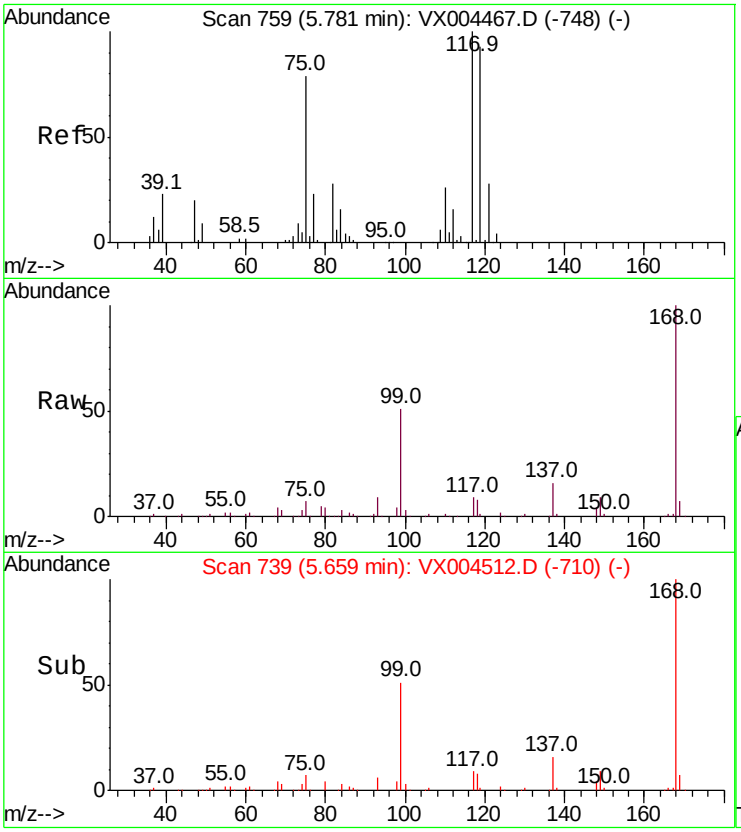


#36
1,1-Dichloropropene
Concen: 3.808 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 75 Resp: 16173

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#



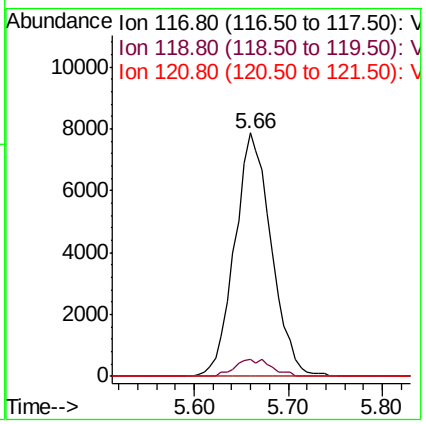


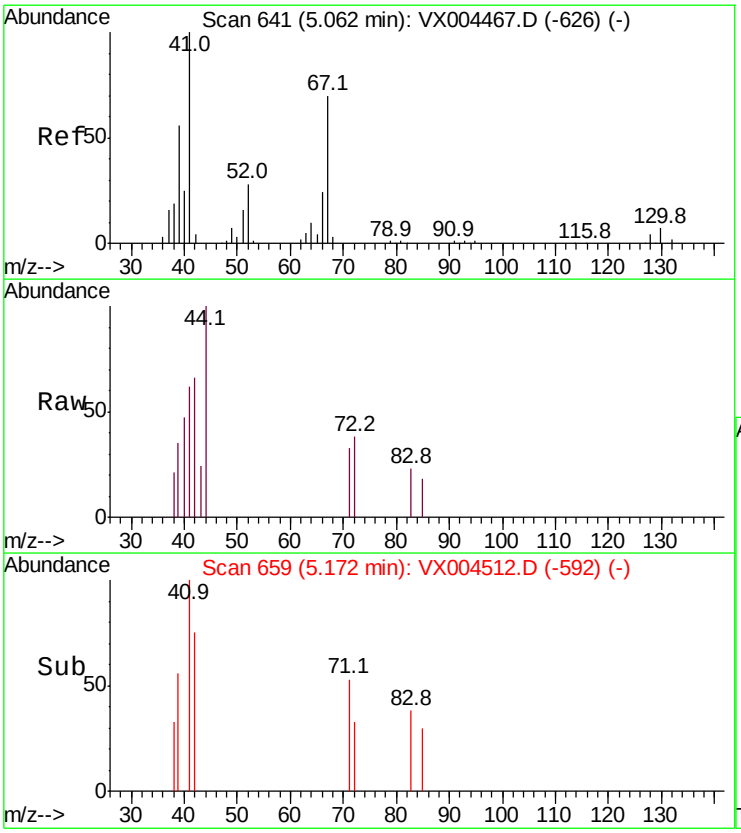
#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion:117 Resp: 21388

Ion	Ratio	Lower	Upper
117	100		
119	6.9	78.8	118.2#
121	0.0	24.9	37.3#

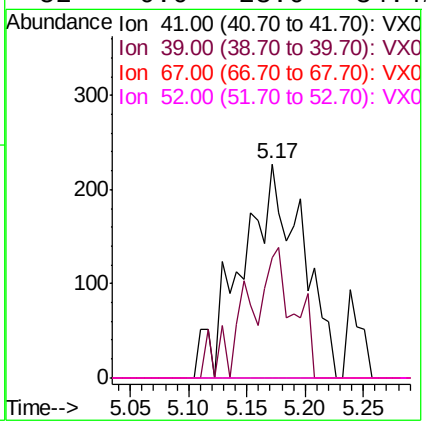


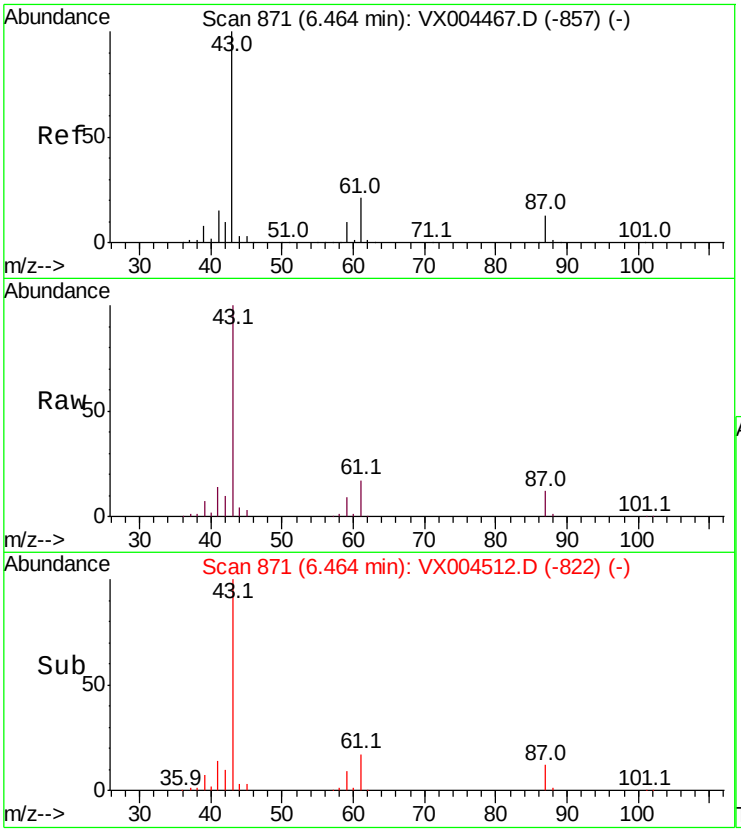


#41
Methacrylonitrile
Concen: 0.309 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 41 Resp: 823

Ion	Ratio	Lower	Upper
41	100		
39	28.8	42.4	63.6#
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



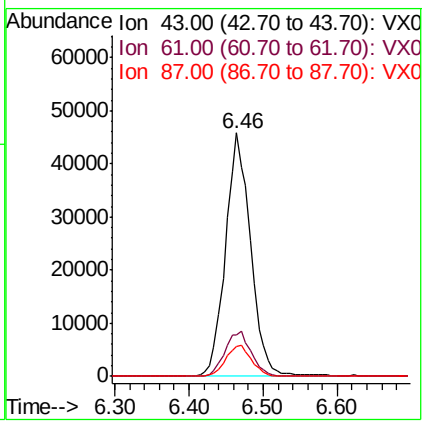


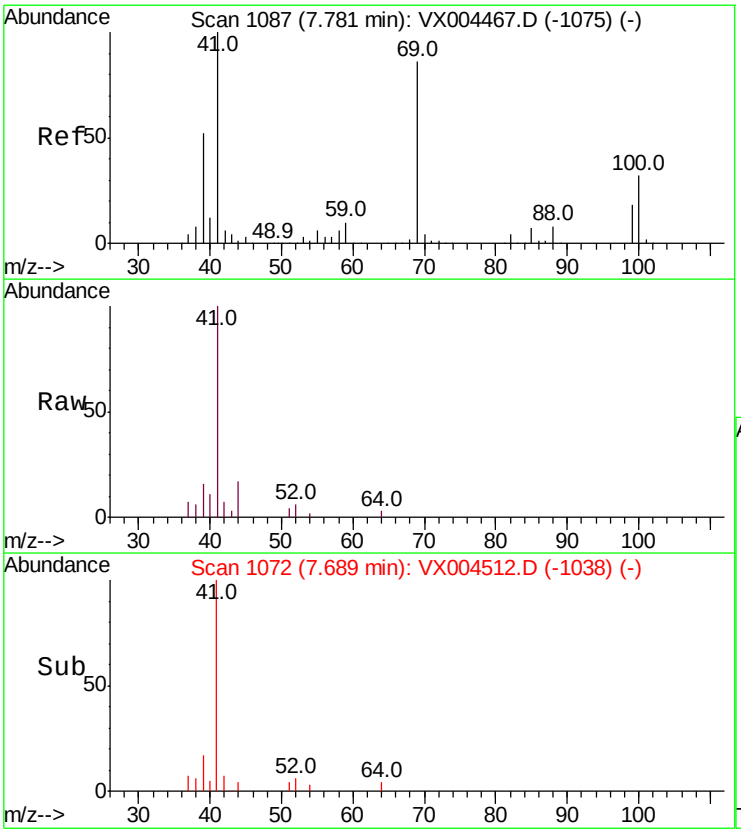
#43
Isopropyl Acetate
Concen: 16.849 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion: 43 Resp: 108094

Ion	Ratio	Lower	Upper
43	100		
61	19.5	17.0	25.4
87	13.1	11.4	17.2

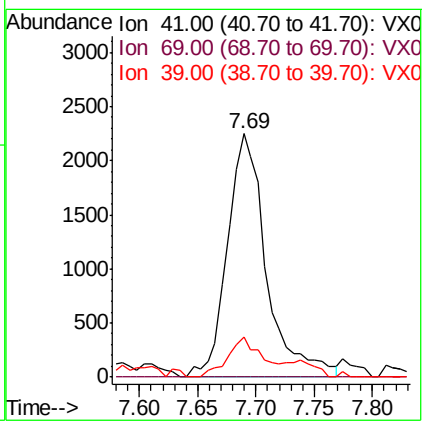


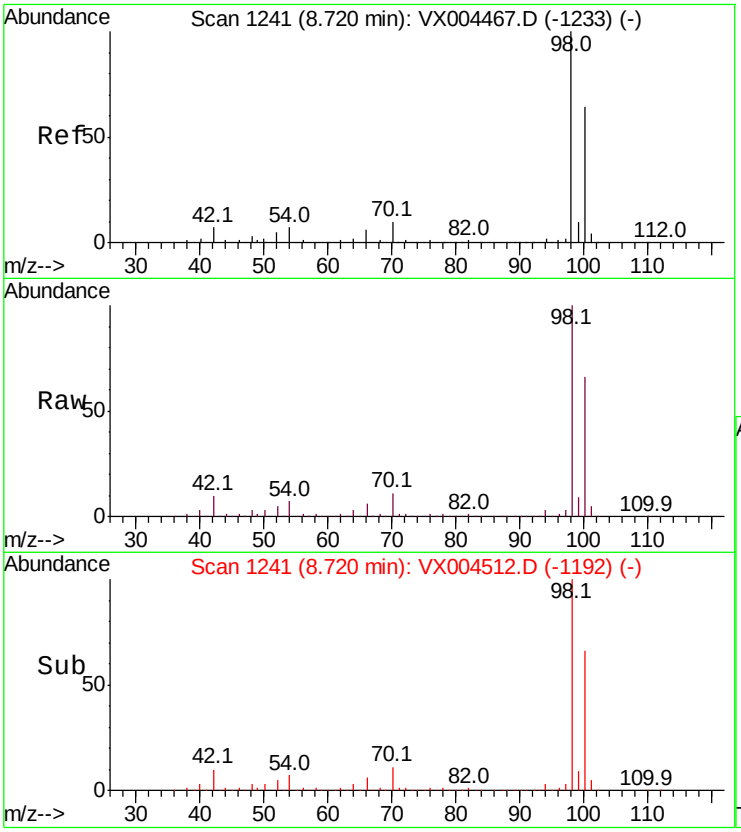


#48
Methyl methacrylate
Concen: 1.652 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 41 Resp: 5245

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	14.3	42.7	64.1#



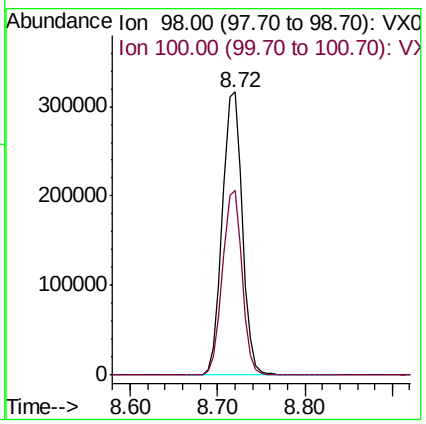


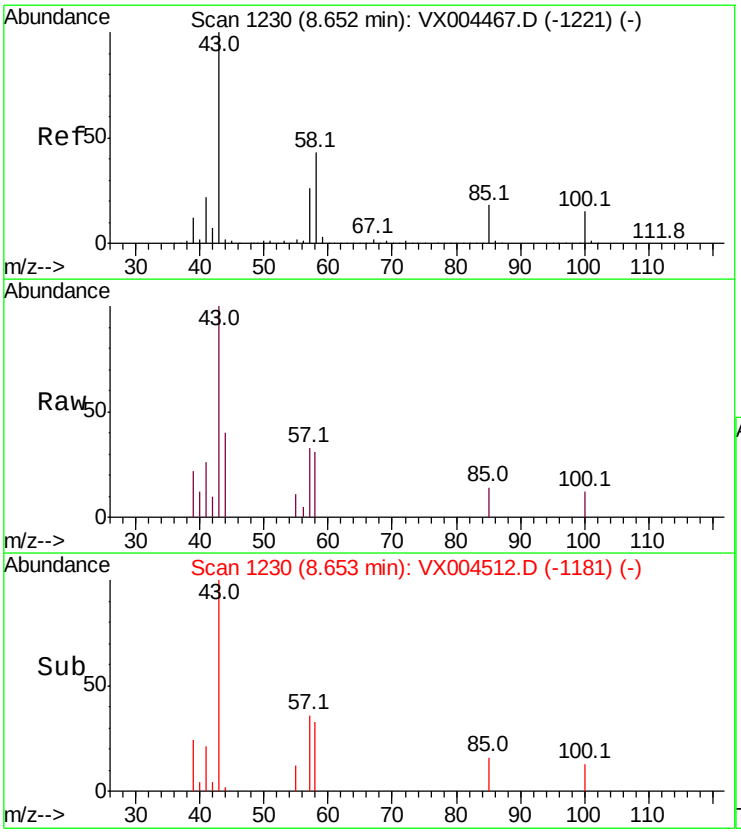
#50
Toluene-d8
Concen: 46.490 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 98 Resp: 499059

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3

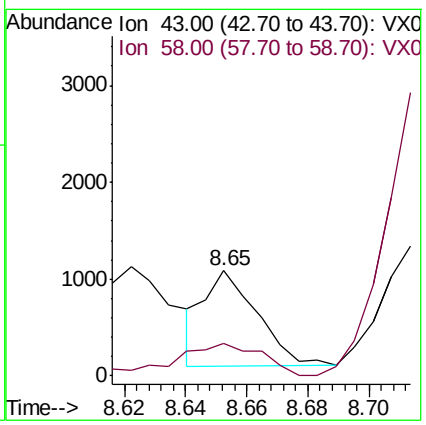


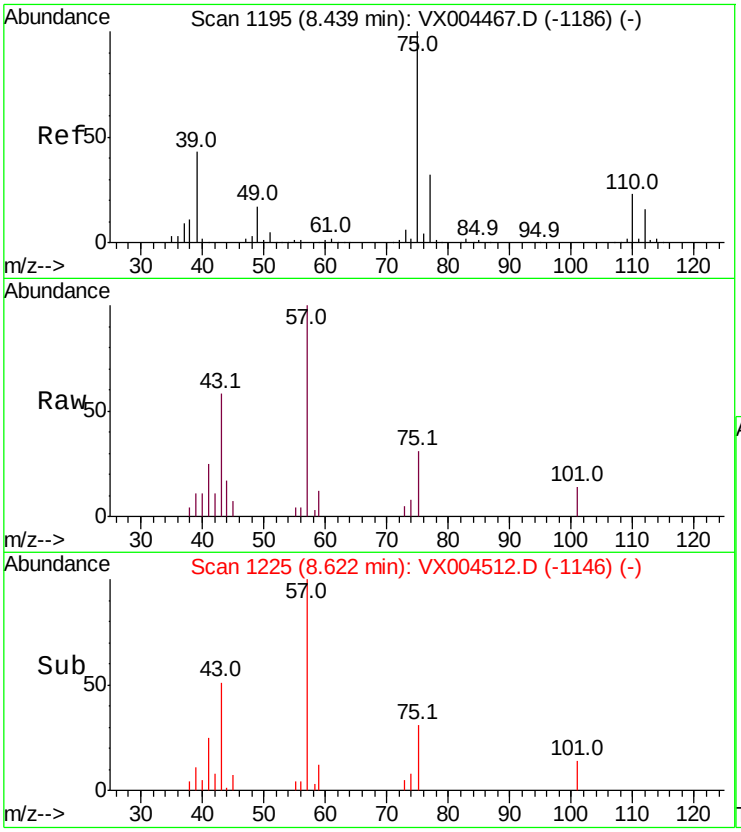


#51
4-Methyl-2-Pentanone
Concen: 0.261 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 43 Resp: 1182

Ion	Ratio	Lower	Upper
43	100		
58	56.6	33.1	49.7#



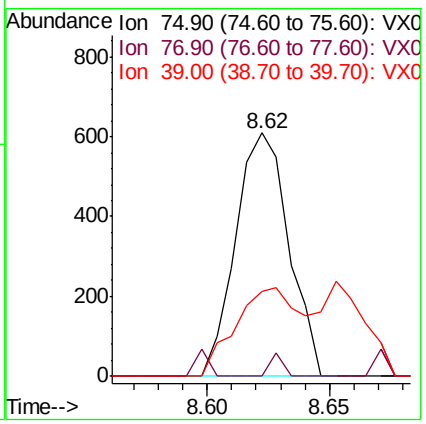


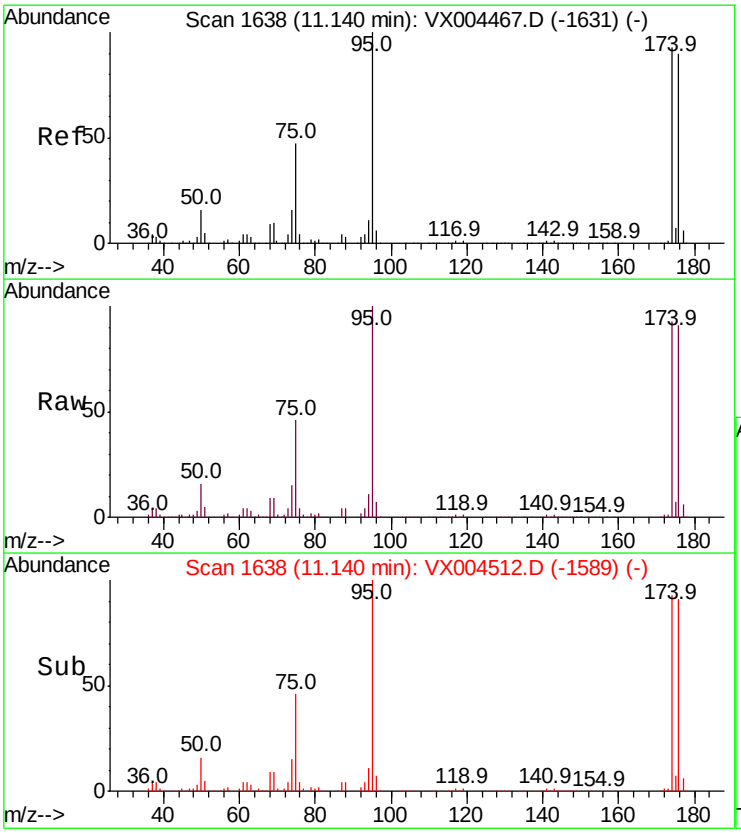
#54
cis-1,3-Dichloropropene
Concen: 0.214 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 75 Resp: 922

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	34.8	36.4	54.6#

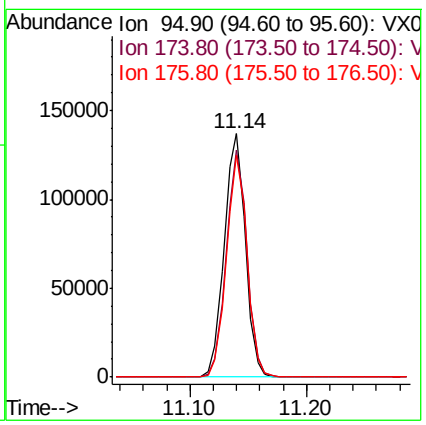


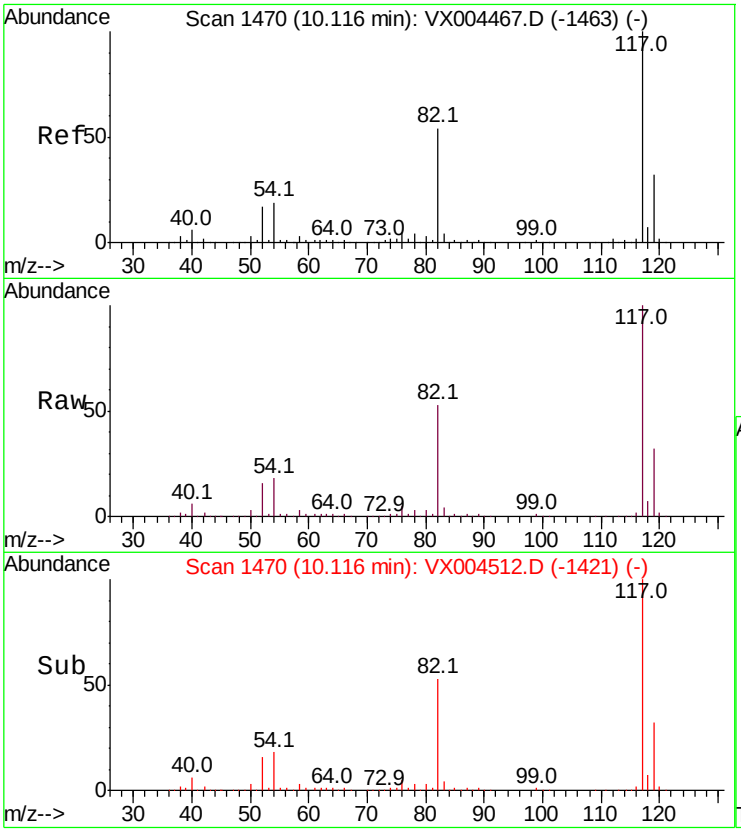


#62
4-Bromofluorobenzene
Concen: 44.978 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 95 Resp: 172346

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	185.2
176	88.8	0.0	178.6



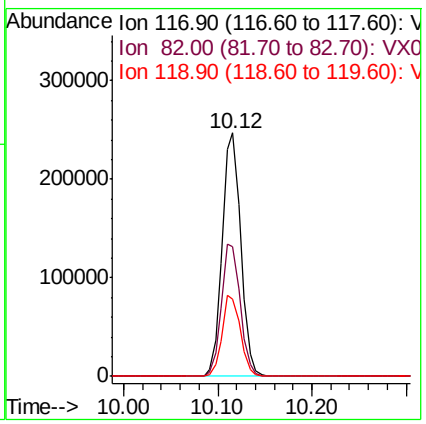


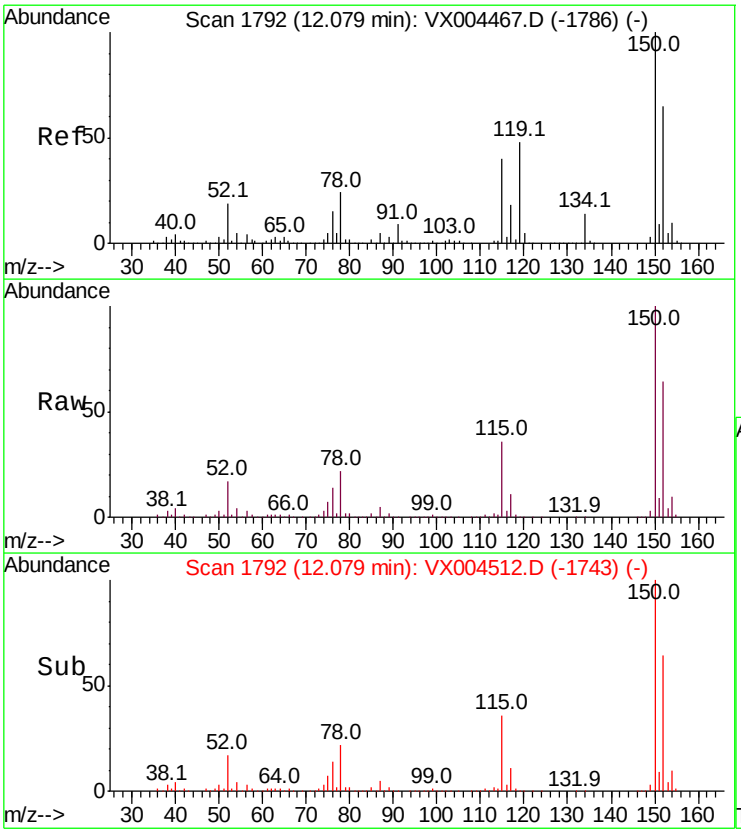
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion:117 Resp: 337377

Ion	Ratio	Lower	Upper
117	100		
82	53.1	47.8	71.6
119	32.0	29.3	43.9

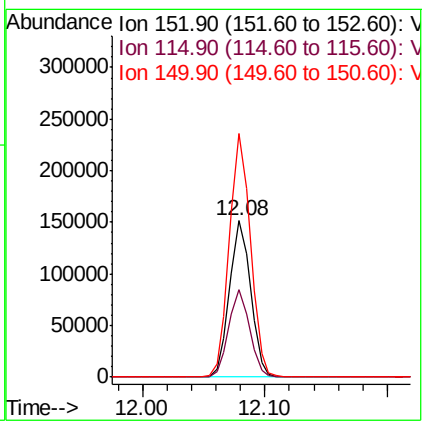


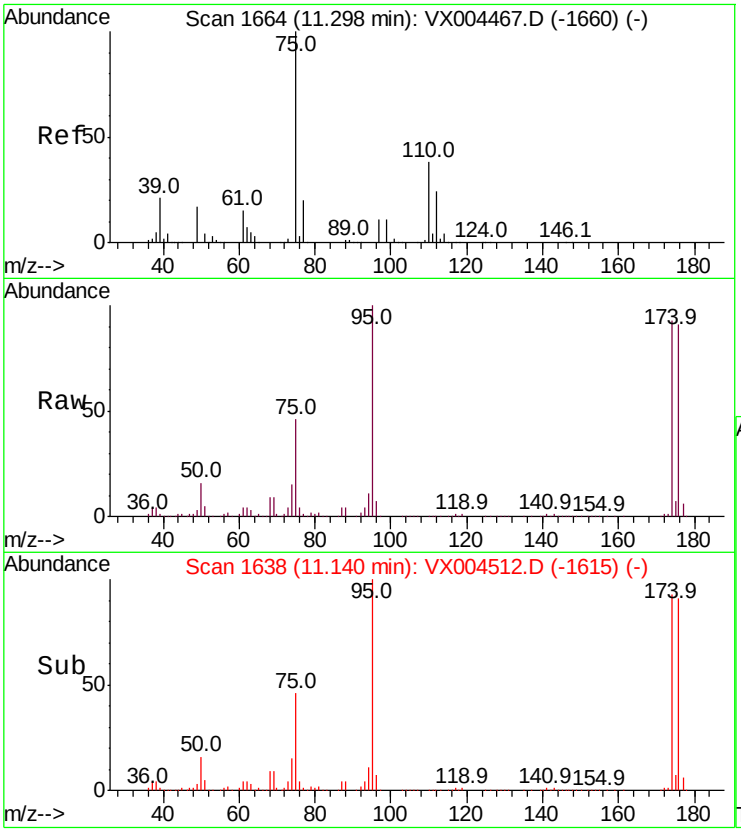


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion:152 Resp: 180036

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	117.0
150	155.7	0.0	351.0



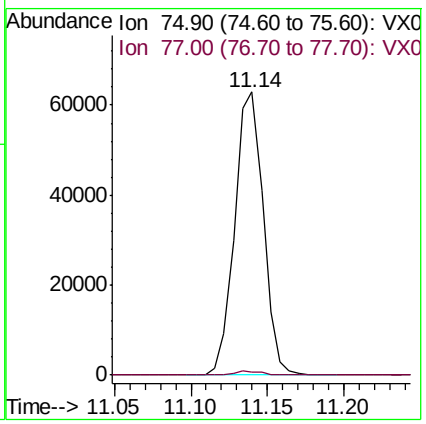


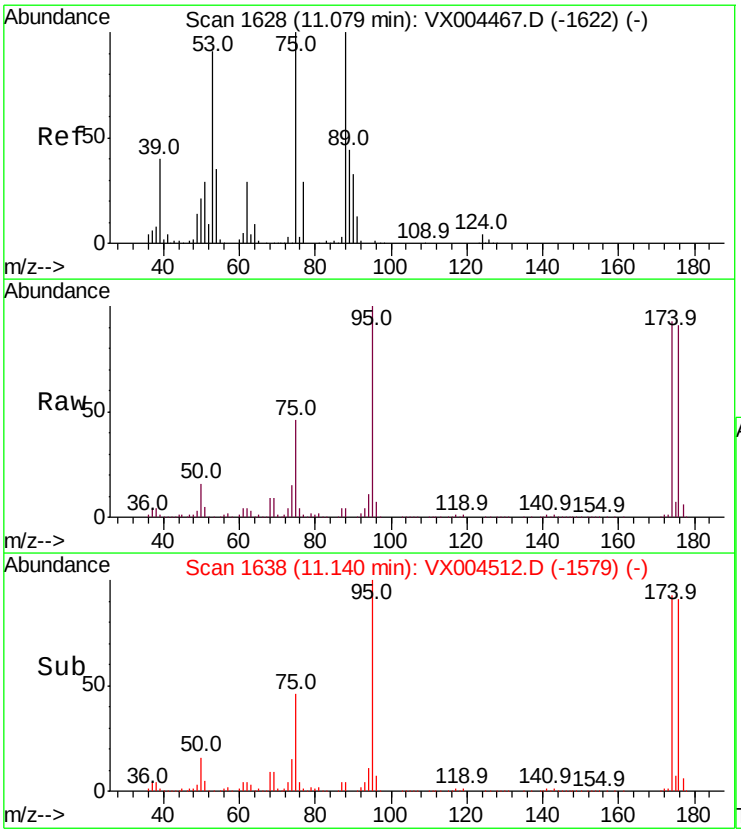
#76
1,2,3-Trichloropropane
Concen: 22.521 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
NB-08-091218

Tgt Ion: 75 Resp: 81575

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#

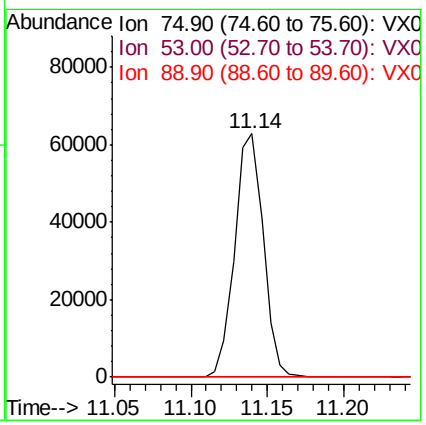


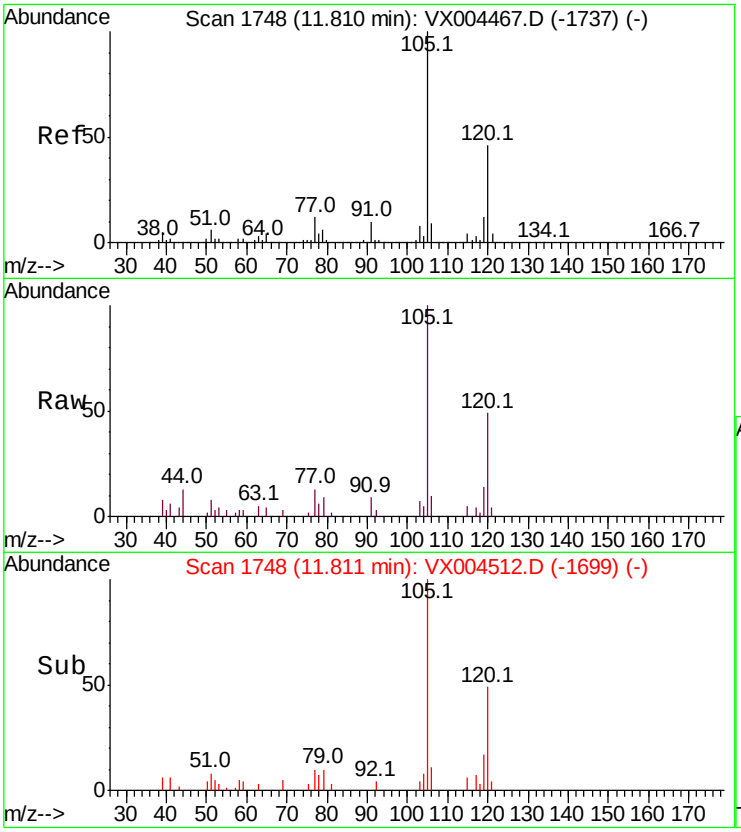


#81
trans-1,4-Dichloro-2-butene
Concen: 71.785 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion: 75 Resp: 81575

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#



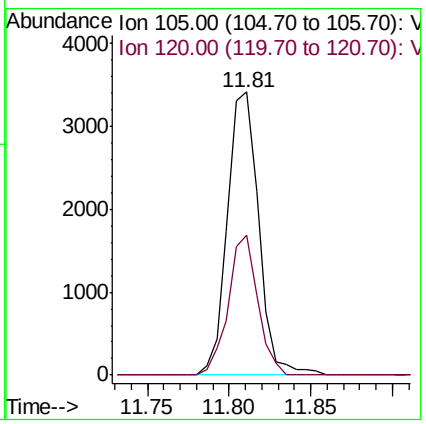


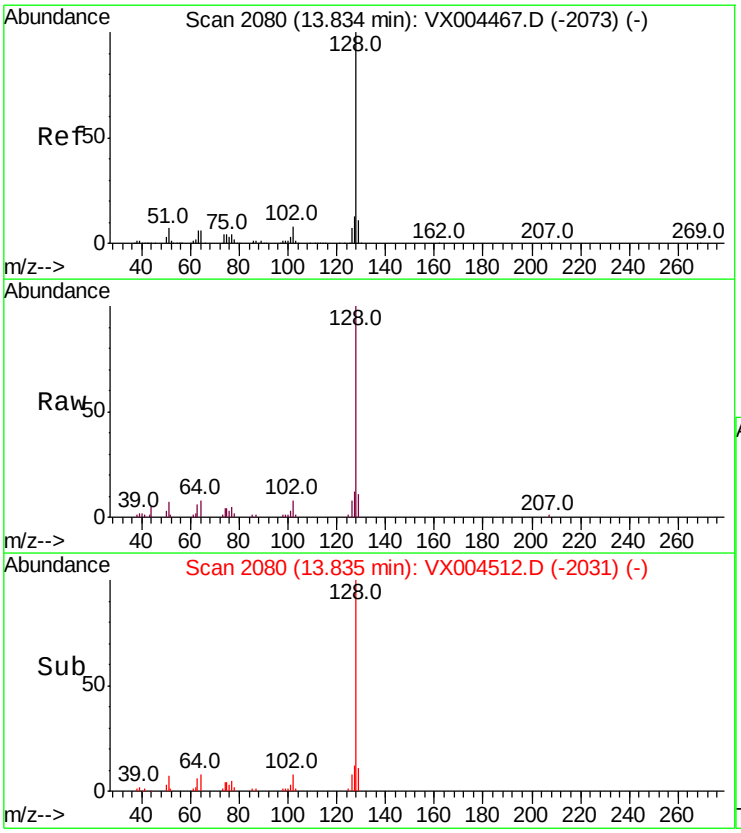
#84
1,2,4-Trimethylbenzene
Concen: 0.448 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Instrument : MSVOA_X
ClientSampleId : NB-08-091218

Tgt Ion:105 Resp: 4556

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.2	69.6





#95
Naphthalene
Concen: 0.835 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004512.D
Acq: 13 Sep 2018 13:27

Tgt Ion:128 Resp: 10268

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.0	8.6	12.8