Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\

Quantitation Report (Not Reviewed)

Data File : VX001606.D
Acq On : 10 May 2018 17:14
Operator : JC/MD
Sample : J2738-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CB-TCLP-VAR3-0518

Quant Time: May 11 06:57:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	234408	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	320513	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	276733	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147874	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	196728	58.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 116.78%				
35) Dibromofluoromethane	5.51	113	154921	54.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.68%				
50) Toluene-d8	8.72	98	535196	51.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.86%				
62) 4-Bromofluorobenzene	11.15	95	175891	44.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.06%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	1279	Below Cal			90
10) Methyl Iodide	2.52	142	2231	0.55	ug/l	#	95
11) Tert butyl alcohol	3.08	59	262	0.37	ug/l		99
13) Acrolein	2.29	56	83	Below Cal		#	22
15) Acrylonitrile	3.15	53	523	0.33	ug/l	#	67
16) Acetone	2.45	43	6285	4.11	ug/l		98
18) Methyl Acetate	2.78	43	6534	1.63	ug/l		95
20) Methylene Chloride	2.86	84	44772	14.78	ug/l		99
25) 2-Butanone	4.73	43	1831	0.83	ug/l	#	85
29) Tetrahydrofuran	5.19	42	891	0.63	ug/l	#	68
30) Chloroform	5.22	83	1941	0.37	ug/l	#	78
31) Cyclohexane	5.67	56	4254	0.98	ug/l	#	14
36) 1,1-Dichloropropene	5.67	75	15199	3.73	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	20731	4.77	ug/l	#	17
54) cis-1,3-Dichloropropene	9.05	75	194	2.30	ug/l	#	34
64) Tetrachloroethene	9.34	164	1034	0.27	ug/l	#	92
76) 1,2,3-Trichloropropane	11.14	75	87008	29.01	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	87008	88.86	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	2115	0.24	ug/l		90
95) Naphthalene	13.84	128	74867	6.83	ug/l		99

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

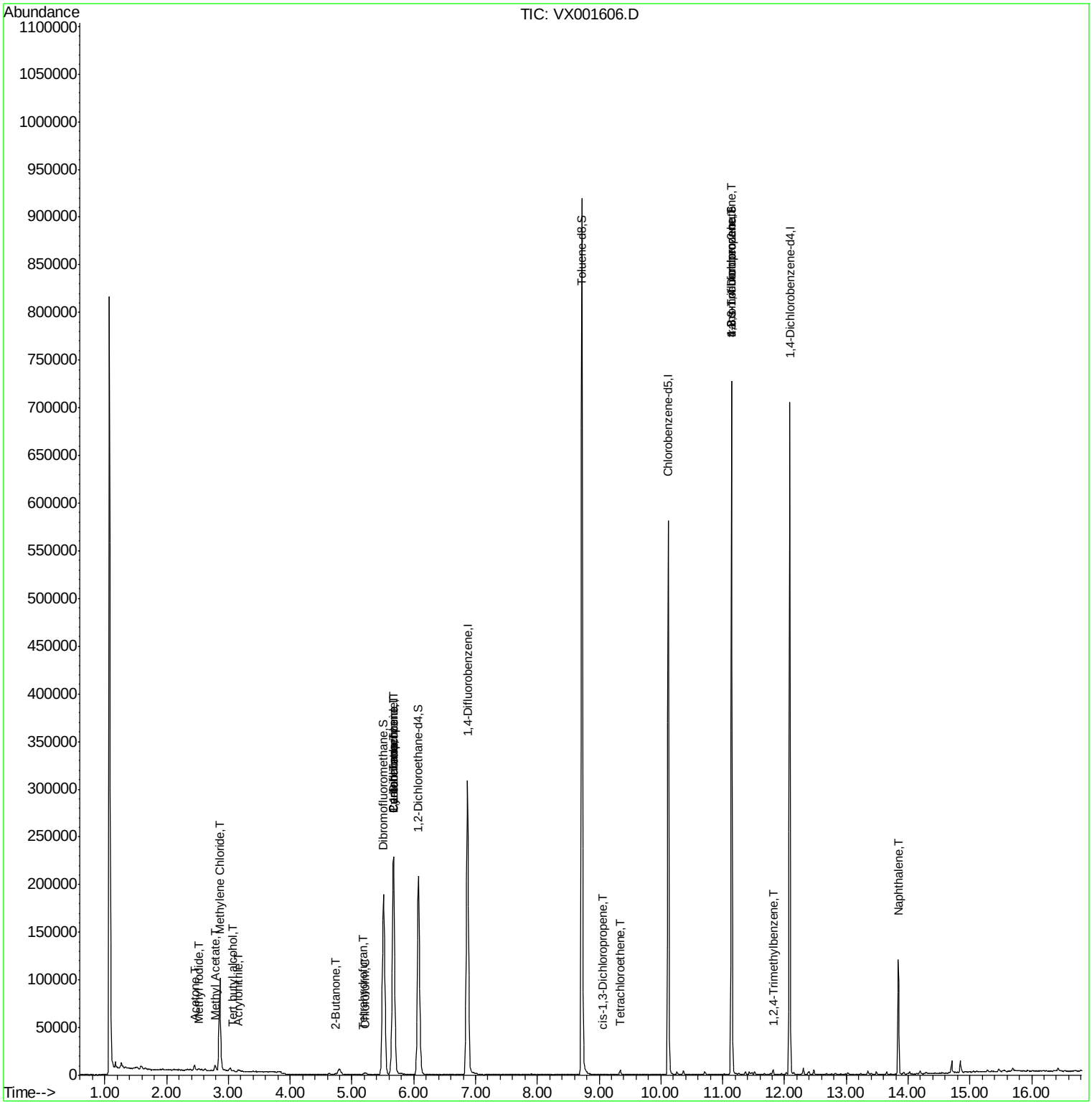
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051018\

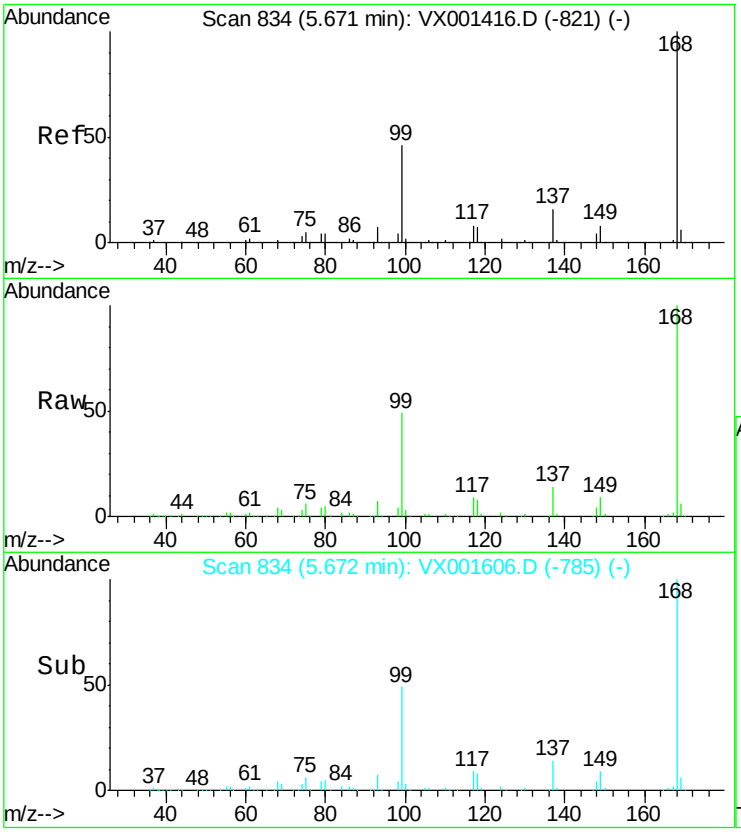
Quantitation Report (Not Reviewed)

Data File : VX001606.D
Acq On : 10 May 2018 17:14
Operator : JC/MD
Sample : J2738-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Quant Time: May 11 06:57:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration



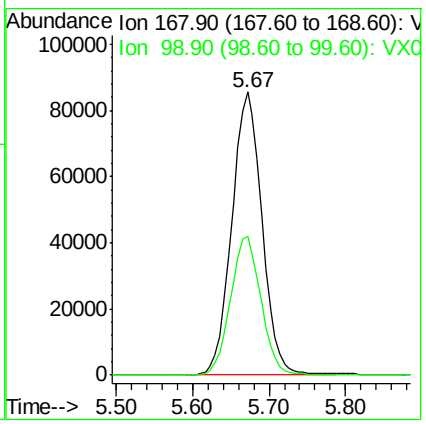


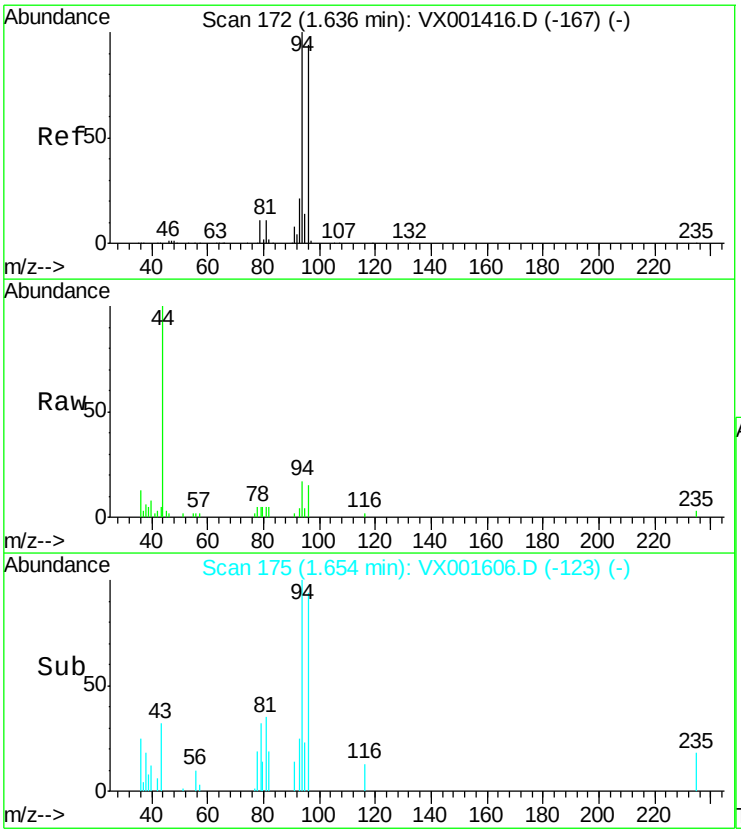
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion:168 Resp: 234408

Ion	Ratio	Lower	Upper
168	100		
99	48.8	36.6	54.8

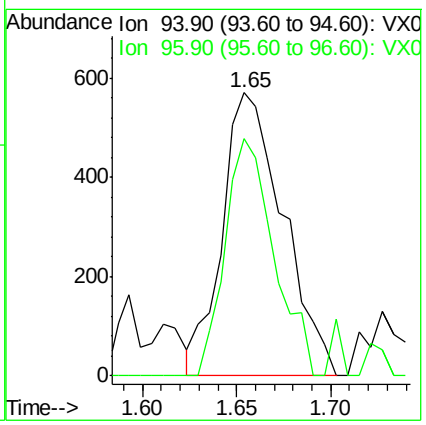


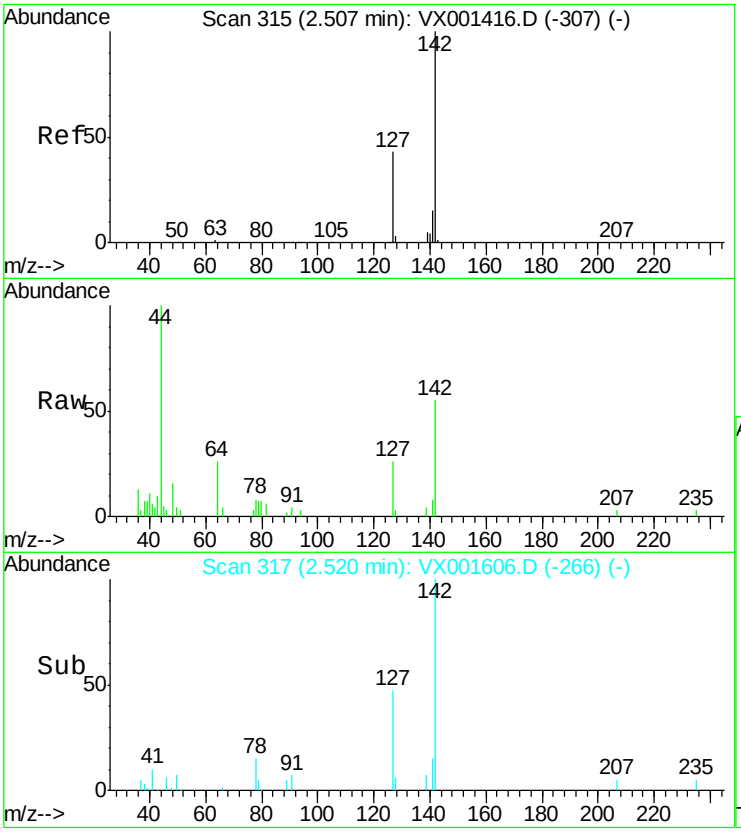


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 94 Resp: 1279

Ion	Ratio	Lower	Upper
94	100		
96	83.9	75.0	112.6



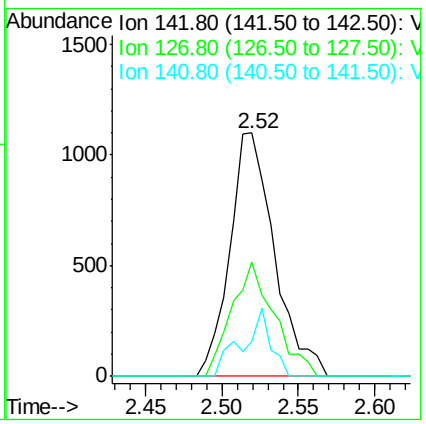


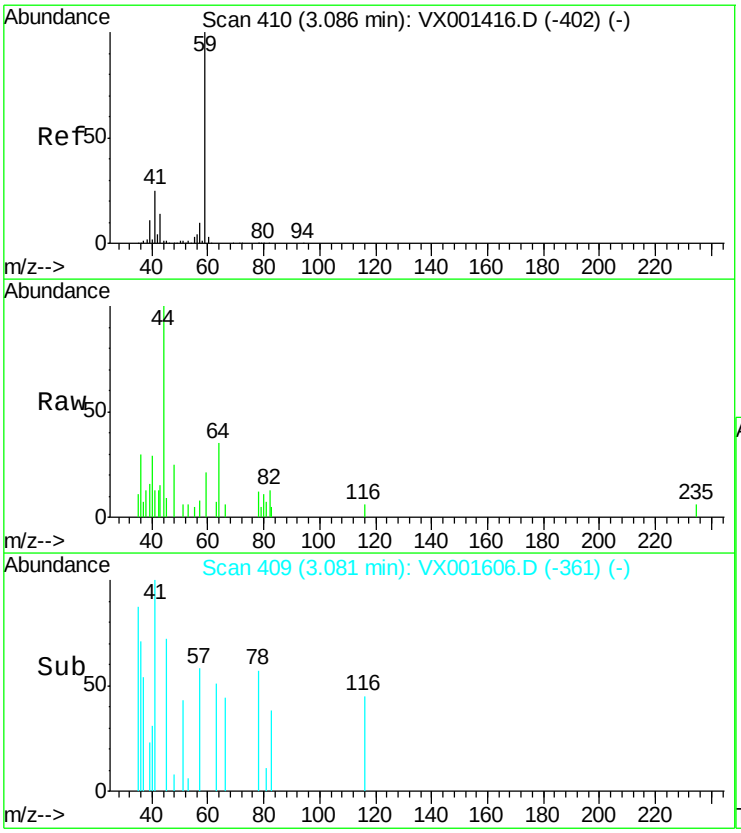
#10
Methyl Iodide
Concen: 0.55 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument : MSVOA_X
ClientSampleId : CB-TCLP-VAR3-0518

Tgt Ion:142 Resp: 2231

Ion	Ratio	Lower	Upper
142	100		
127	44.6	33.6	50.4
141	17.5	11.4	17.2#

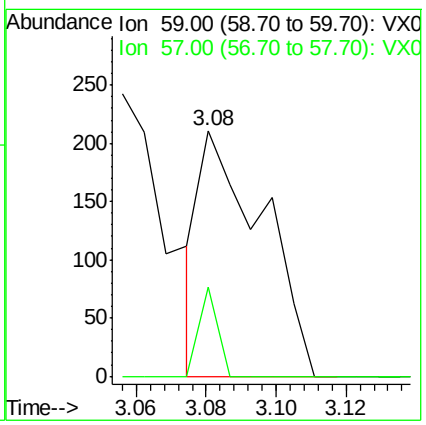


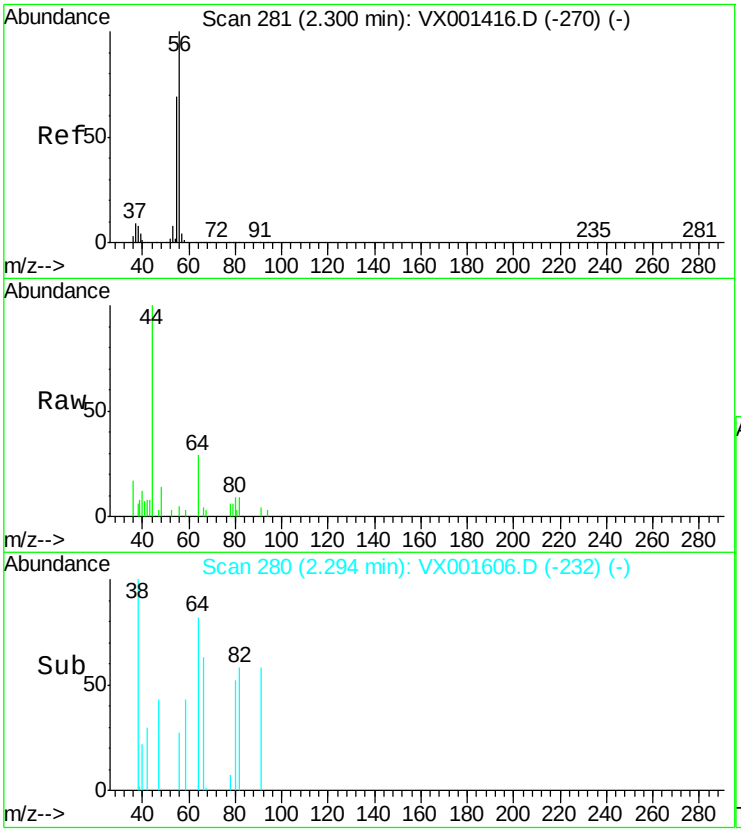


#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 59 Resp: 262

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4



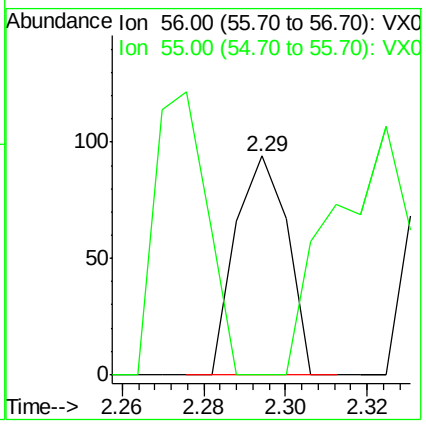


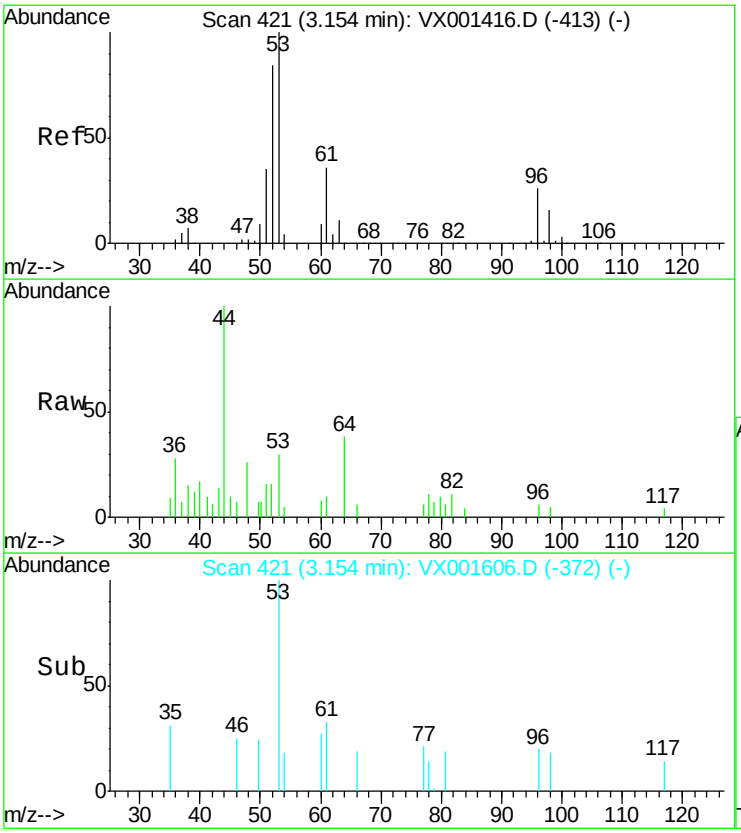
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 56 Resp: 83

Ion	Ratio	Lower	Upper
56	100		
55	131.3	54.5	81.7#

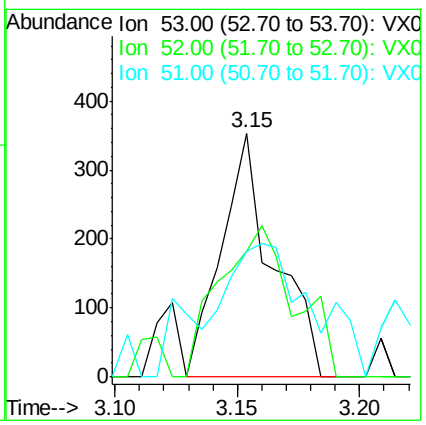


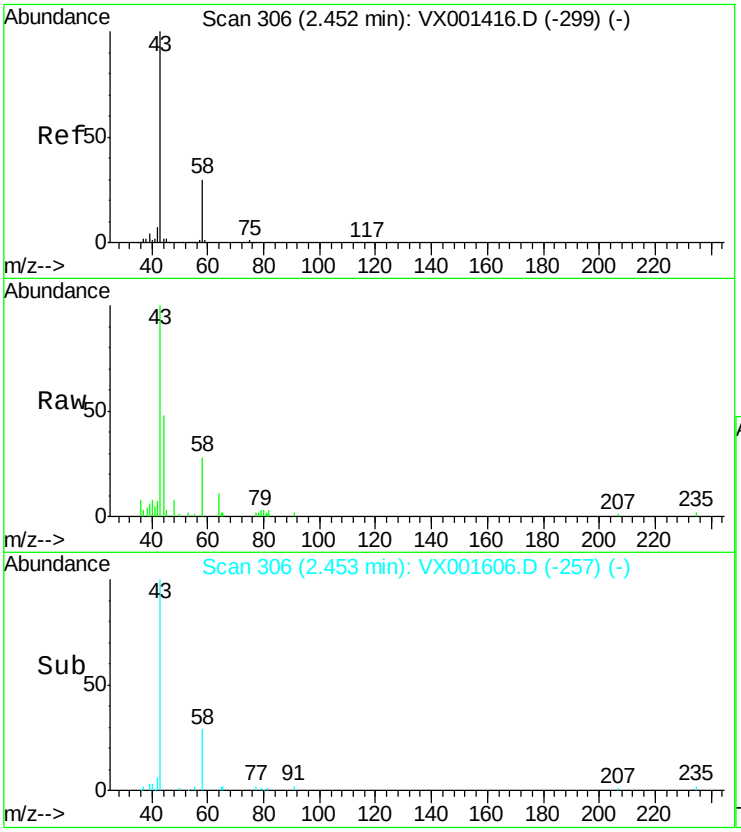


#15
Acrylonitrile
Concen: 0.33 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 53 Resp: 523

Ion	Ratio	Lower	Upper
53	100		
52	89.3	66.2	99.2
51	89.9	28.6	43.0#



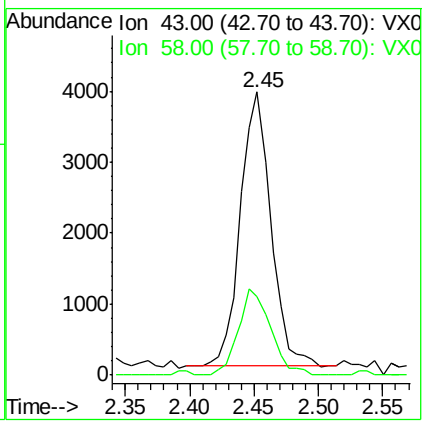


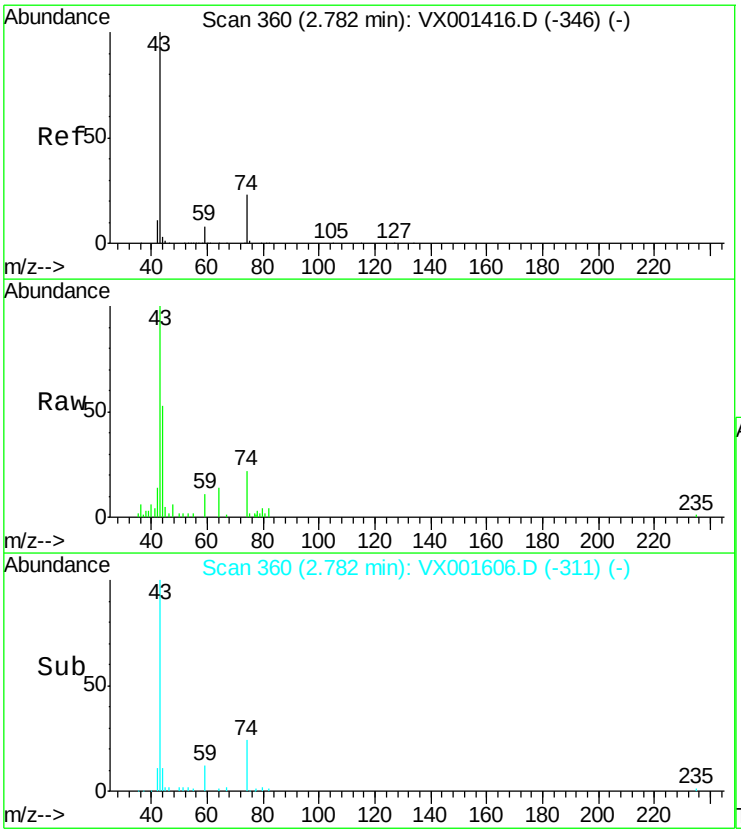
#16
Acetone
Concen: 4.11 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 43 Resp: 6285

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.8	35.8

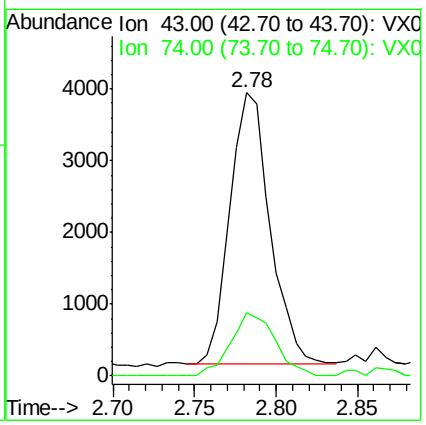


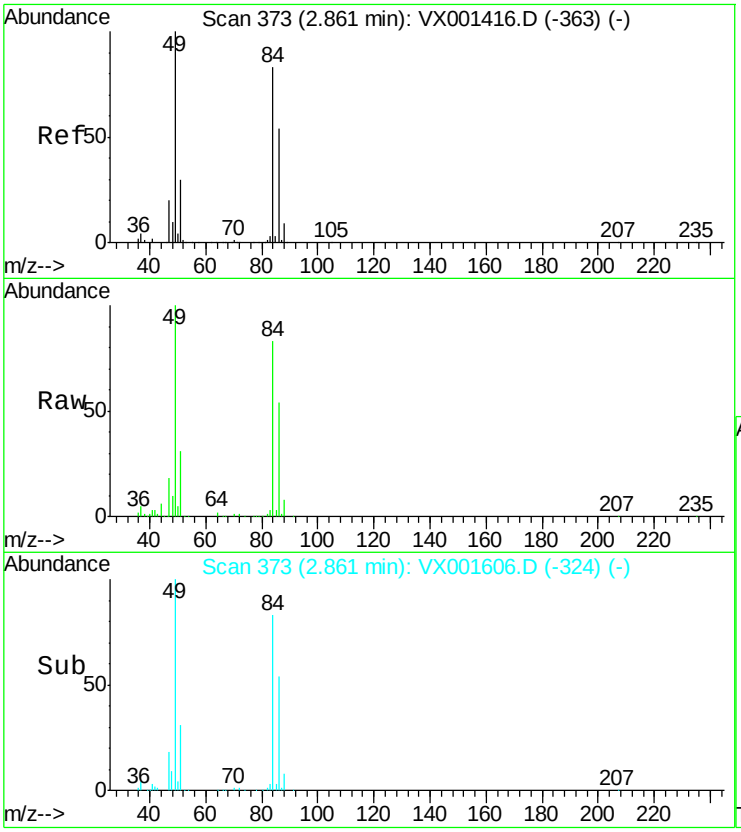


#18
Methyl Acetate
Concen: 1.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 43 Resp: 6534

Ion	Ratio	Lower	Upper
43	100		
74	25.5	18.6	27.8



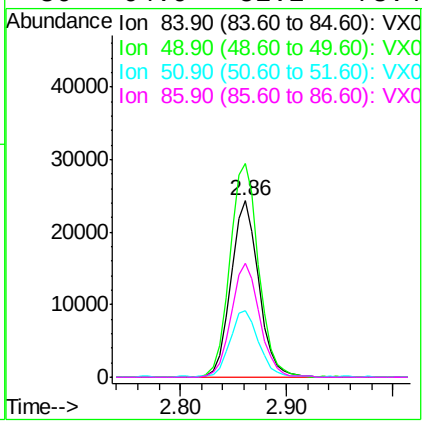


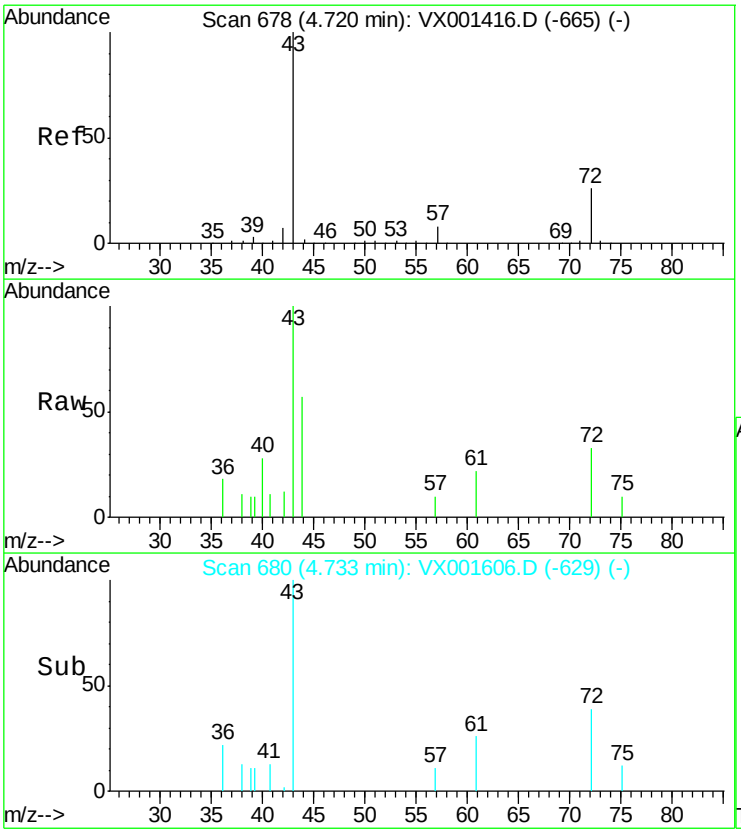
#20
Methylene Chloride
Concen: 14.78 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 84 Resp: 44772

Ion	Ratio	Lower	Upper
84	100		
49	121.1	96.6	144.8
51	37.5	29.0	43.4
86	64.9	52.2	78.4

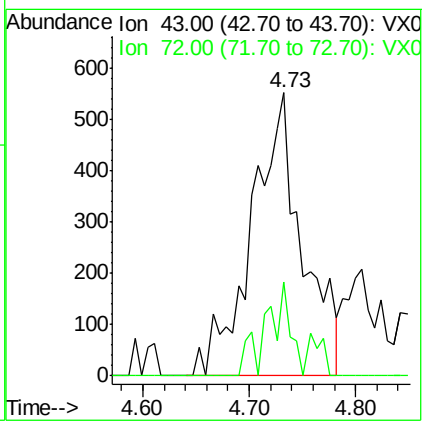


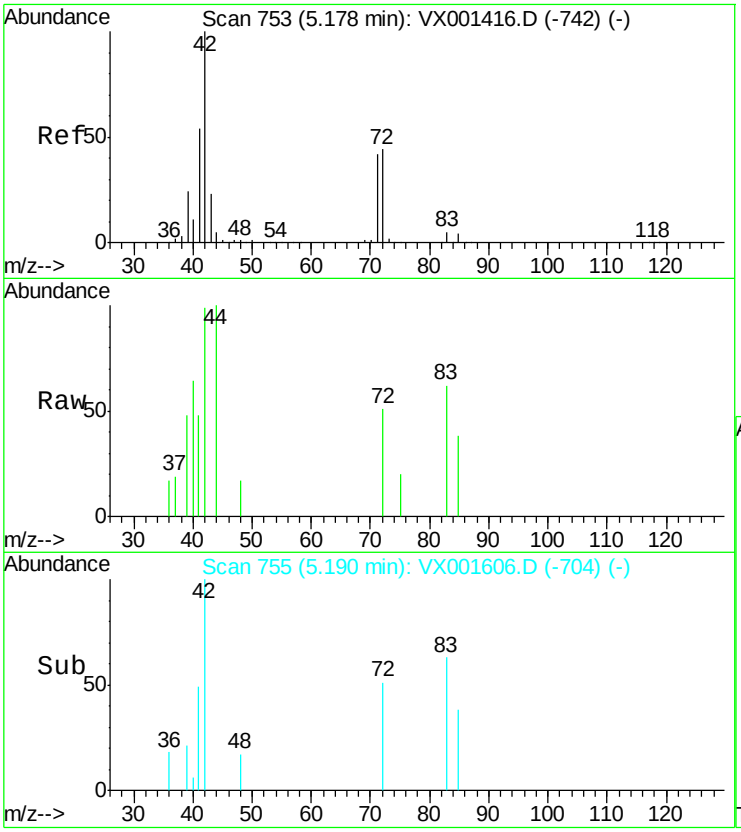


#25
2-Butanone
Concen: 0.83 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 43 Resp: 1831

Ion	Ratio	Lower	Upper
43	100		
72	33.3	20.7	31.1#



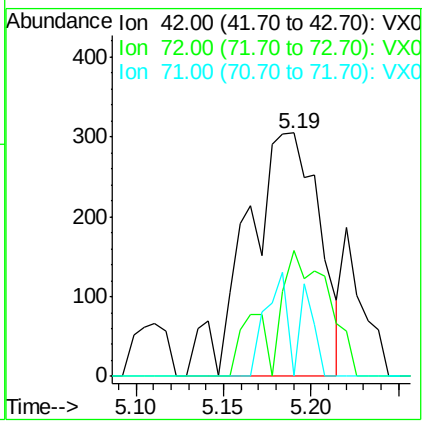


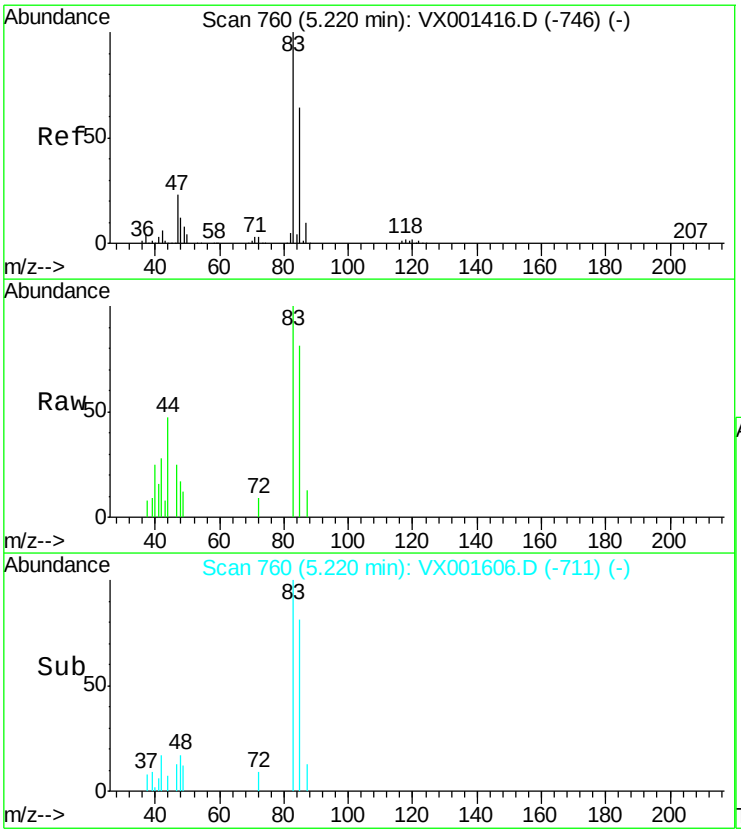
#29
Tetrahydrofuran
Concen: 0.63 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 42 Resp: 891

Ion	Ratio	Lower	Upper
42	100		
72	31.4	35.4	53.2#
71	12.5	33.0	49.4#

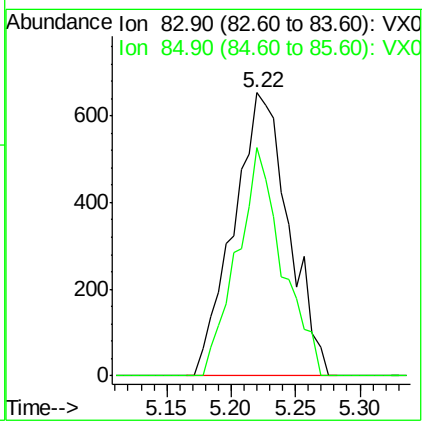


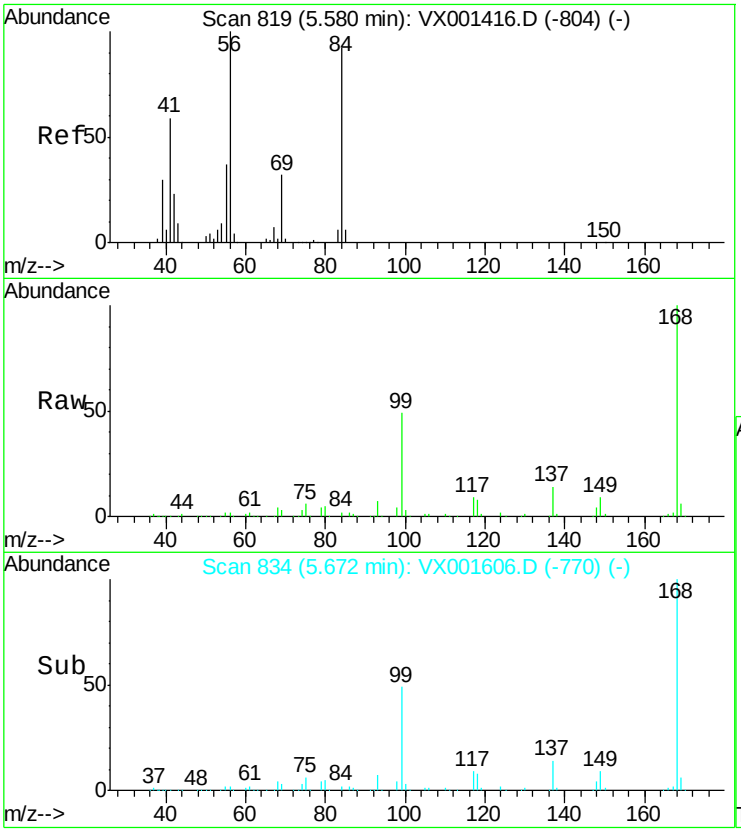


#30
Chloroform
Concen: 0.37 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 83 Resp: 1941

Ion	Ratio	Lower	Upper
83	100		
85	80.7	51.0	76.4#



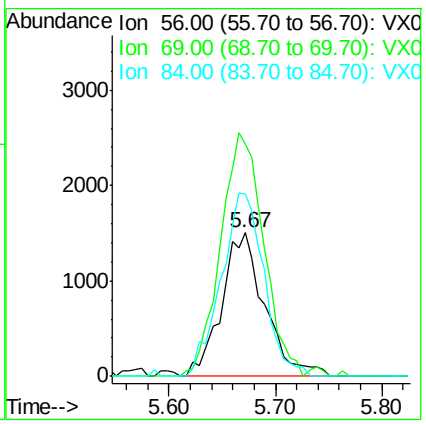


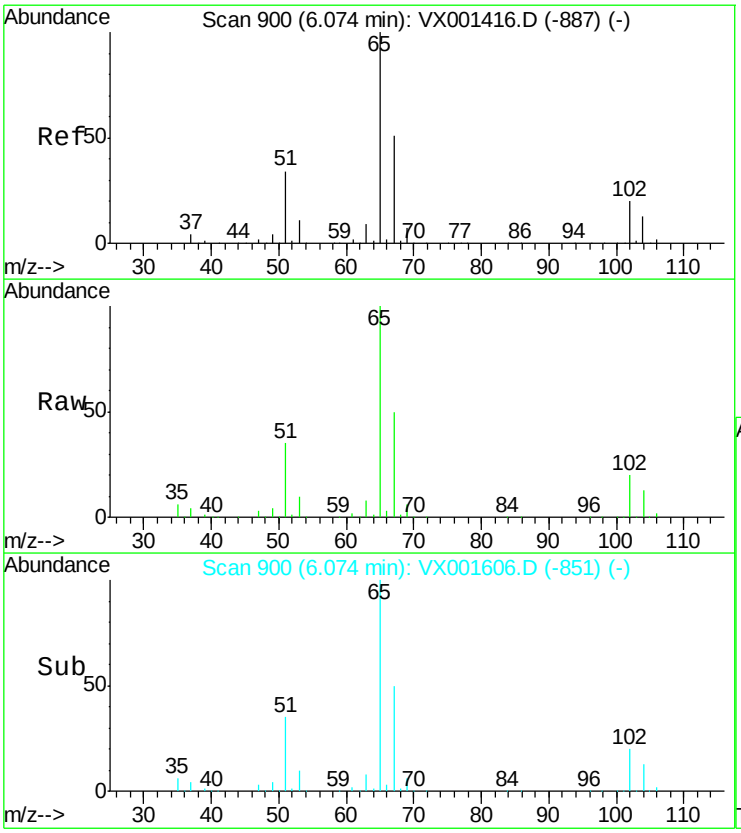
#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 56 Resp: 4254

Ion	Ratio	Lower	Upper
56	100		
69	161.6	25.4	38.0#
84	126.5	73.8	110.8#

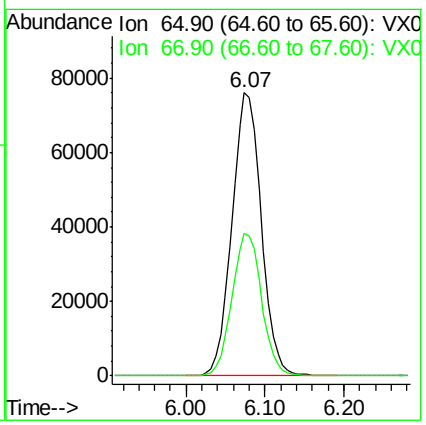


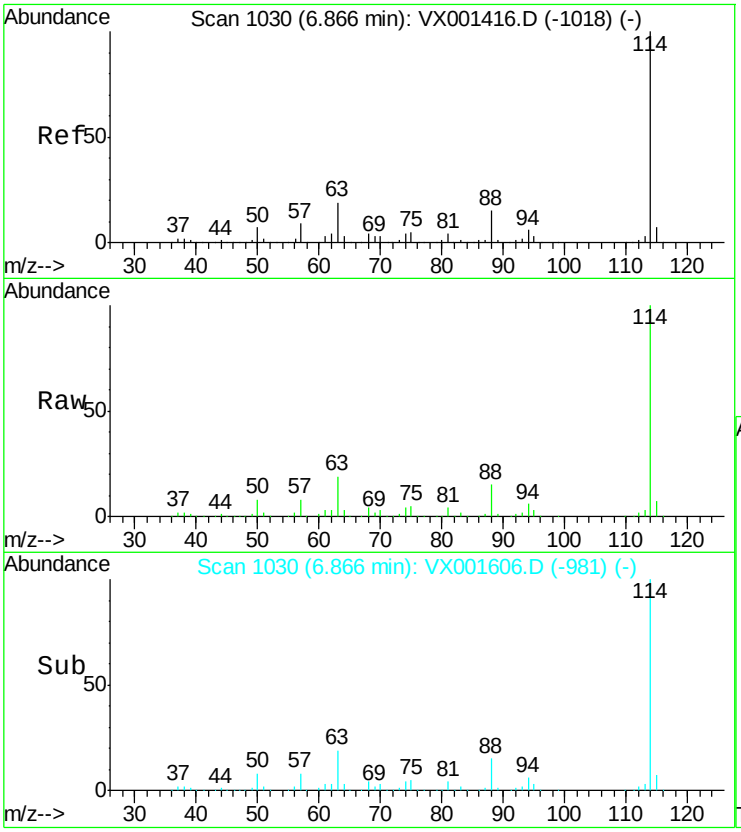


#33
1,2-Dichloroethane-d4
Concen: 58.39 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 65 Resp: 196728

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.8



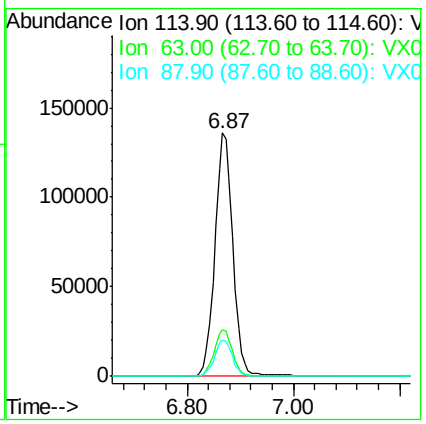


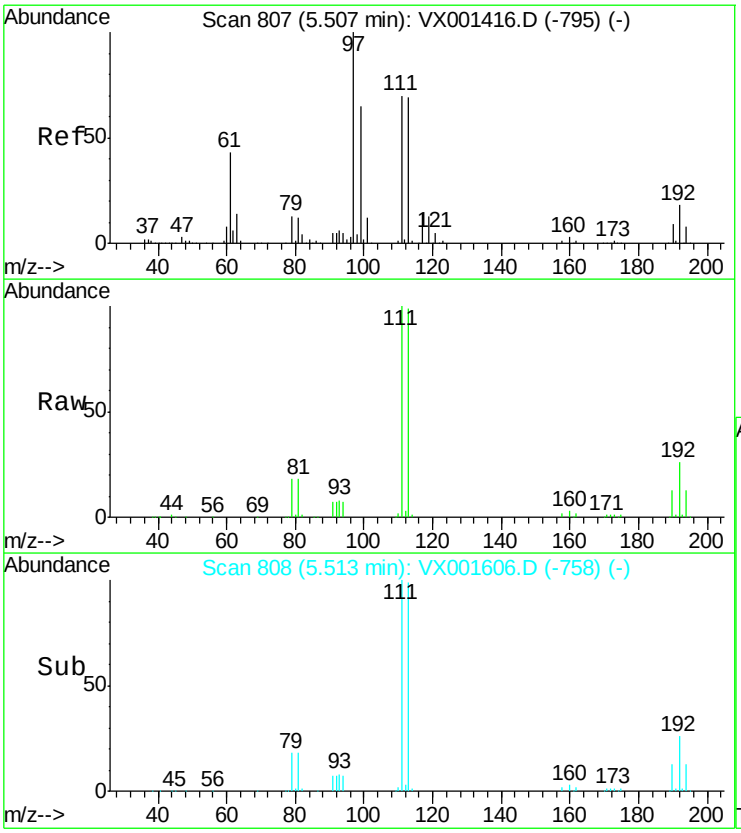
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion:114 Resp: 320513

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.0	0.0	30.8

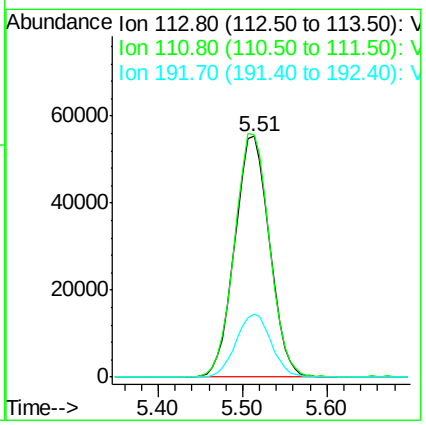


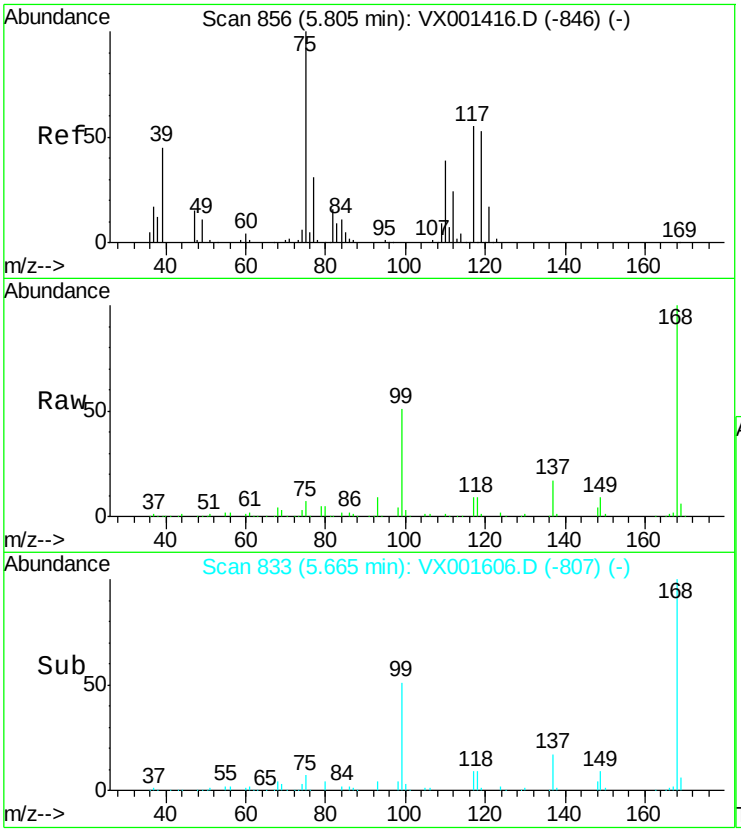


#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion:113 Resp: 154921

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	26.4	21.4	32.0



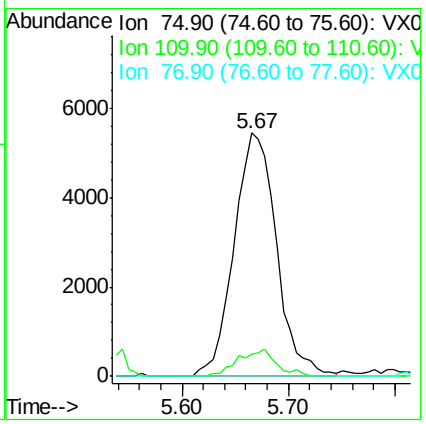


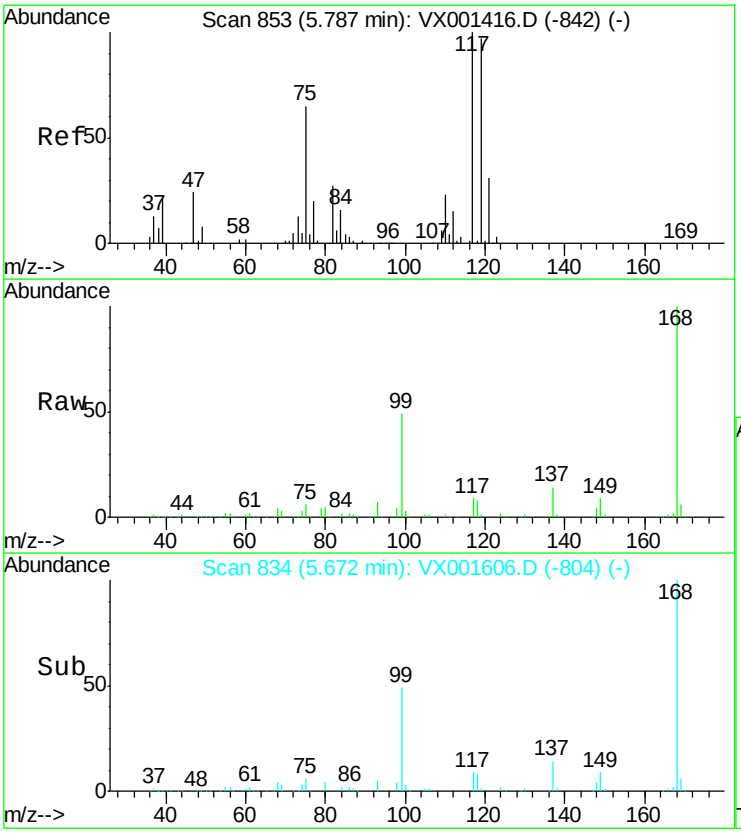
#36
1,1-Dichloropropene
Concen: 3.73 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 75 Resp: 15199

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.9	56.7#
77	0.0	24.9	37.3#

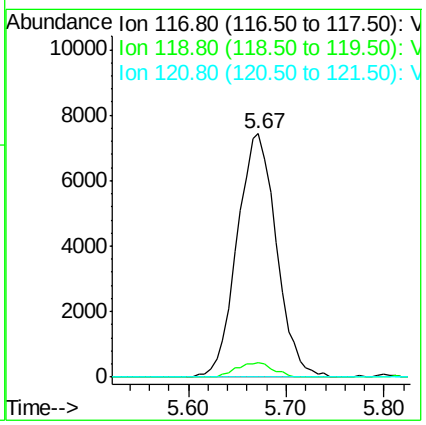


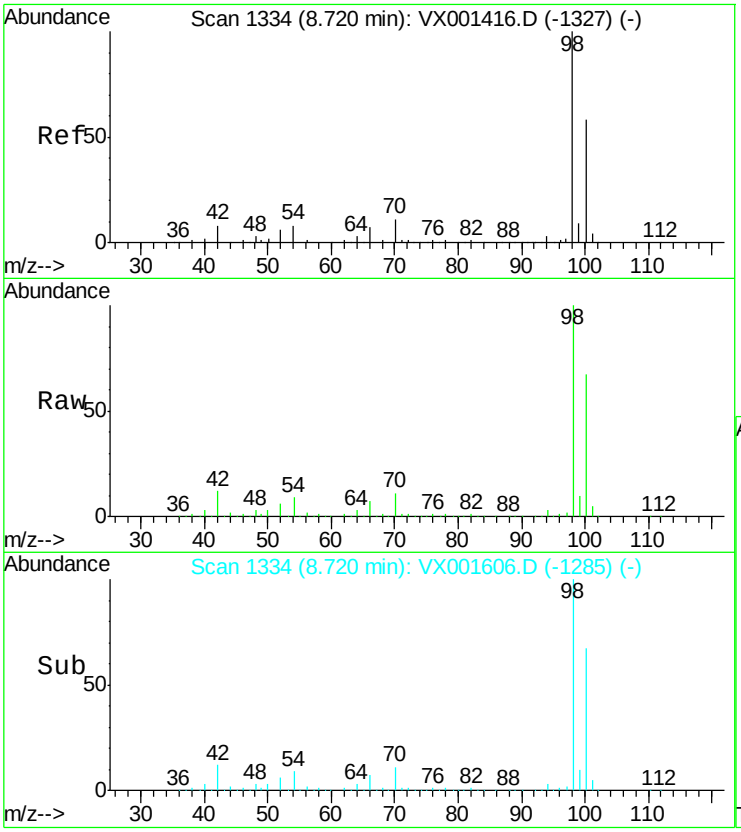


#38
Carbon Tetrachloride
Concen: 4.77 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion:117 Resp: 20731

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.0	115.6#
121	0.0	25.1	37.7#



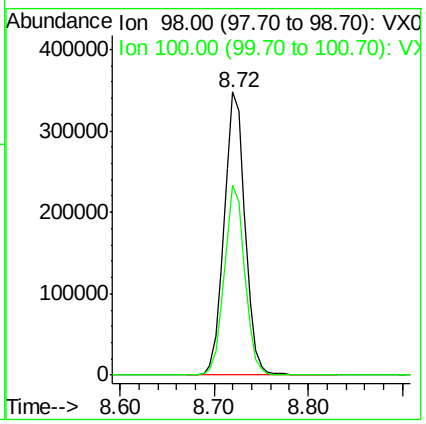


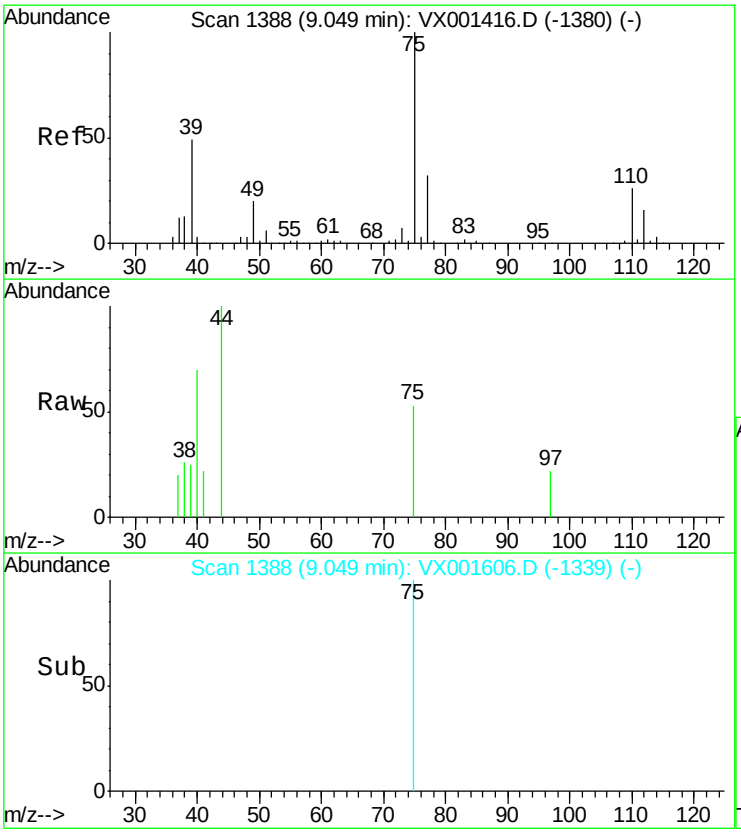
#50
Toluene-d8
Concen: 51.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 98 Resp: 535196

Ion	Ratio	Lower	Upper
98	100		
100	66.0	54.0	81.0

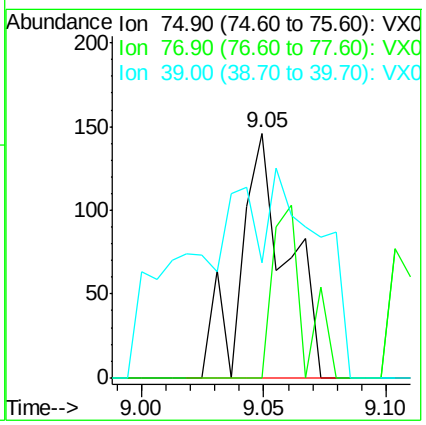


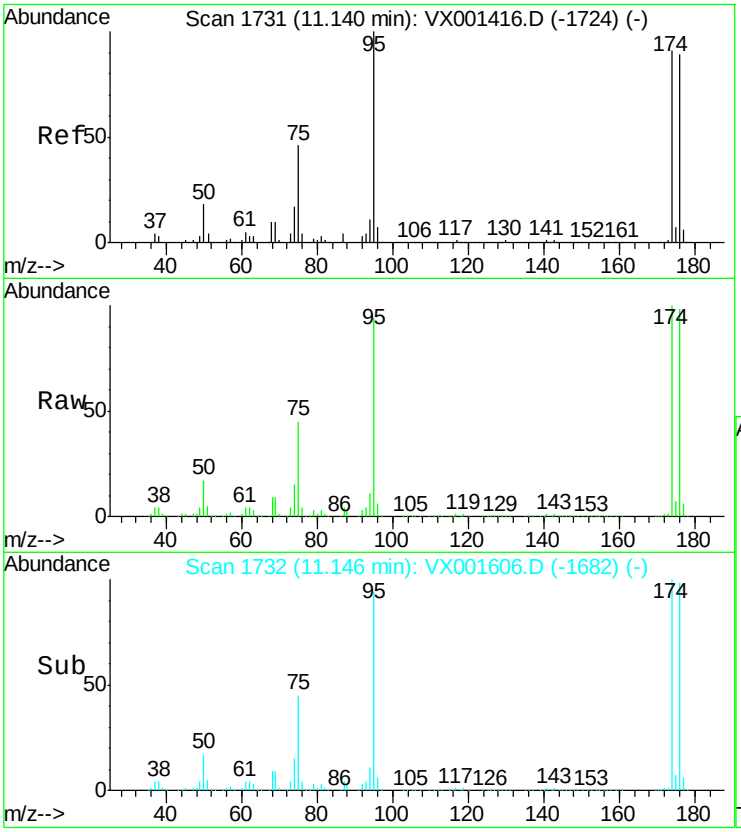


#54
cis-1,3-Dichloropropene
Concen: 2.30 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 75 Resp: 194

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	0.0	38.9	58.3#



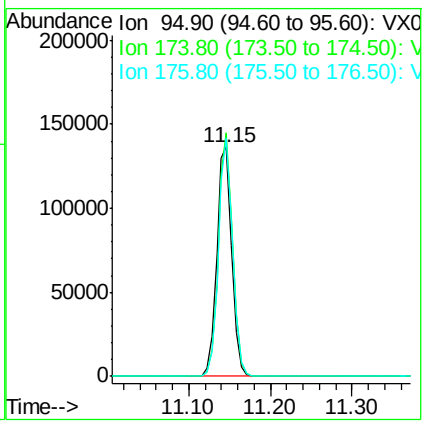


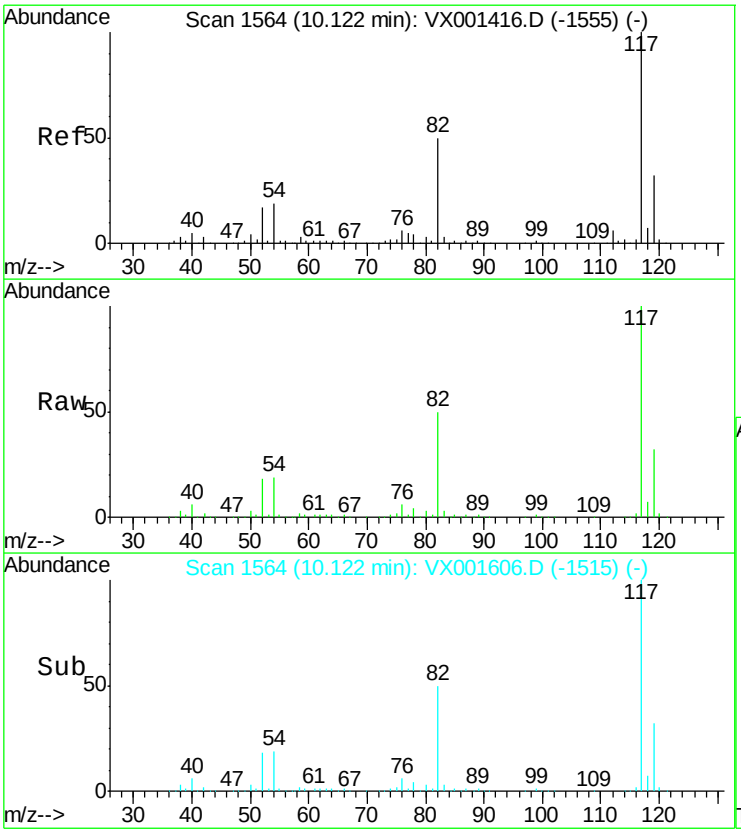
#62
4-Bromofluorobenzene
Concen: 44.03 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 95 Resp: 175891

Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	202.0
176	98.1	0.0	197.4

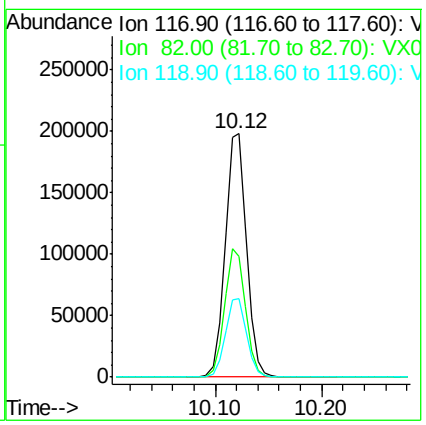


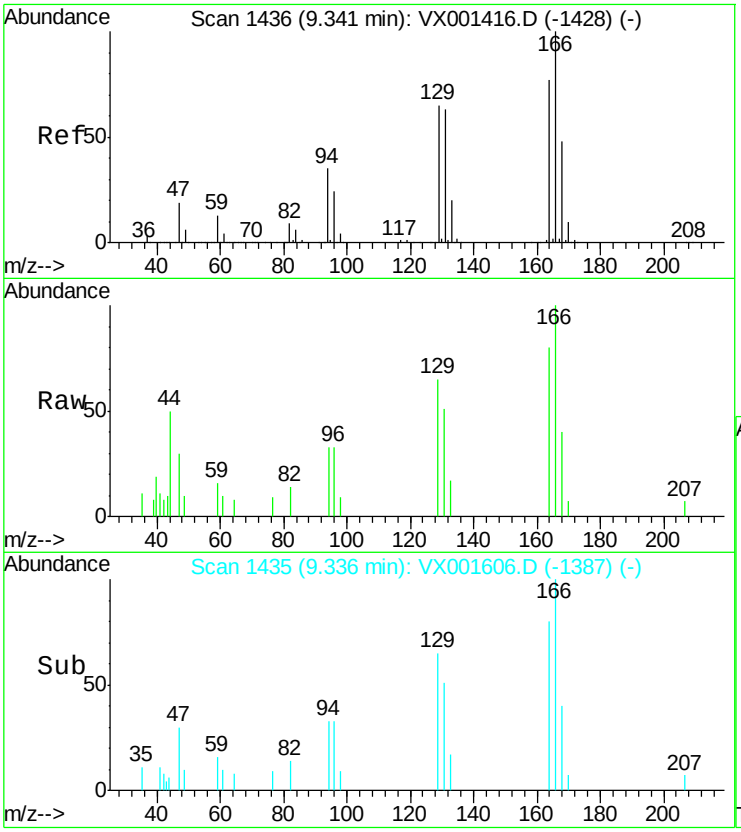


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion:117 Resp: 276733

Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.0	60.0
119	32.0	25.8	38.8



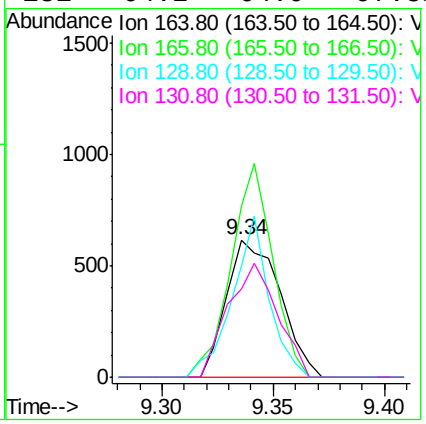


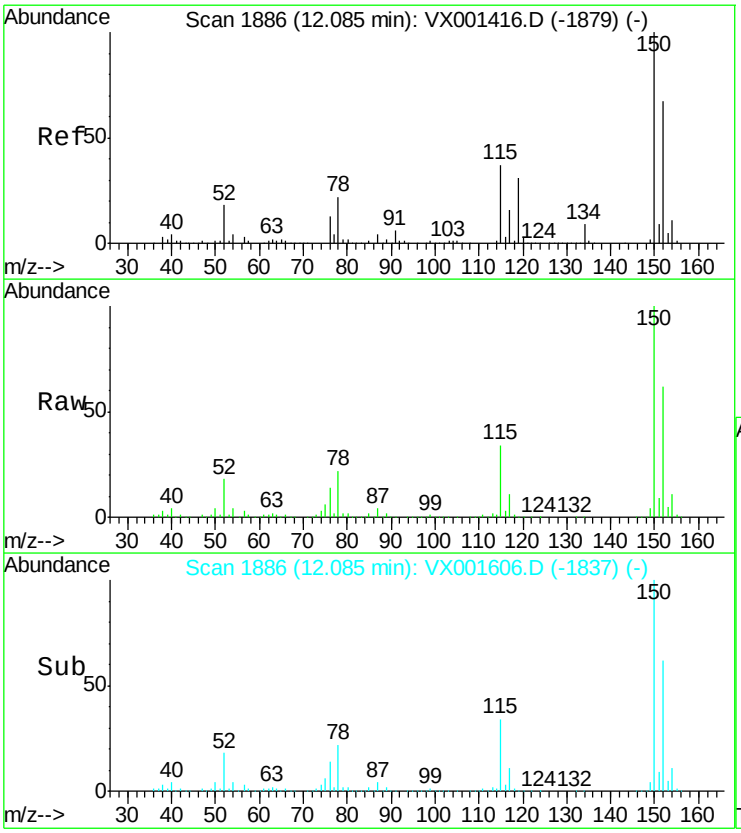
#64
Tetrachloroethene
Concen: 0.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion:164 Resp: 1034

Ion	Ratio	Lower	Upper
164	100		
166	125.0	103.5	155.3
129	81.4	66.7	100.1
131	64.2	64.9	97.3#

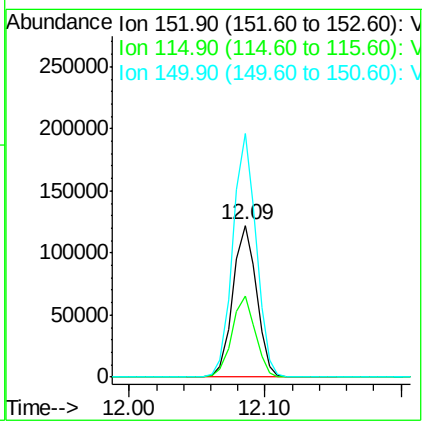


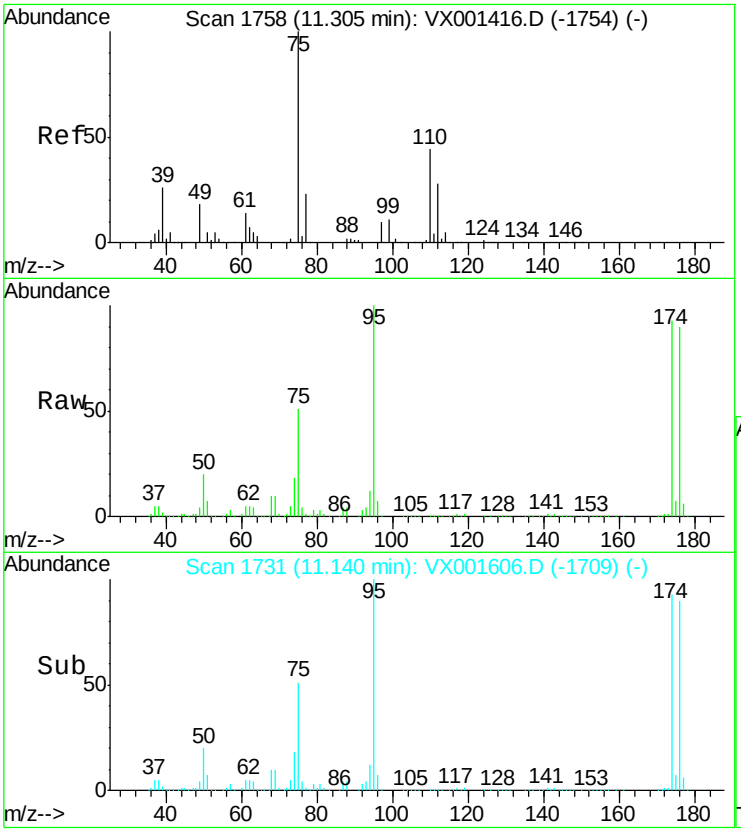


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion:152 Resp: 147874

Ion	Ratio	Lower	Upper
152	100		
115	52.9	37.7	113.1
150	158.2	0.0	349.4



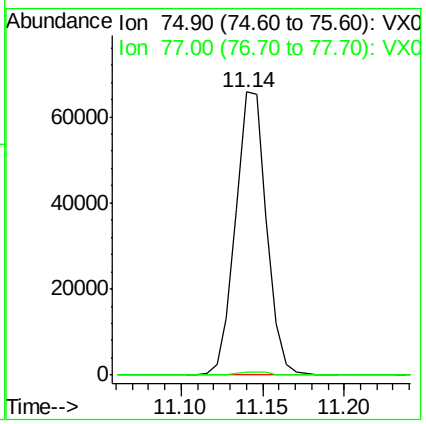


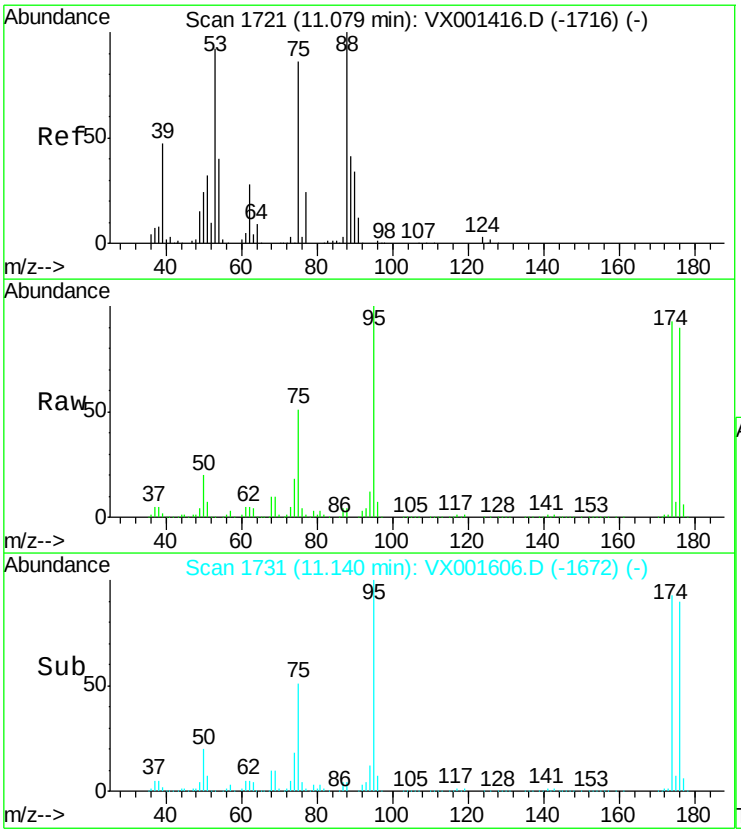
#76
1,2,3-Trichloropropane
Concen: 29.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion: 75 Resp: 87008

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.6	58.7#

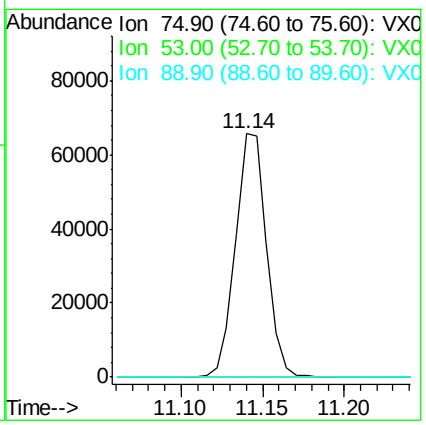


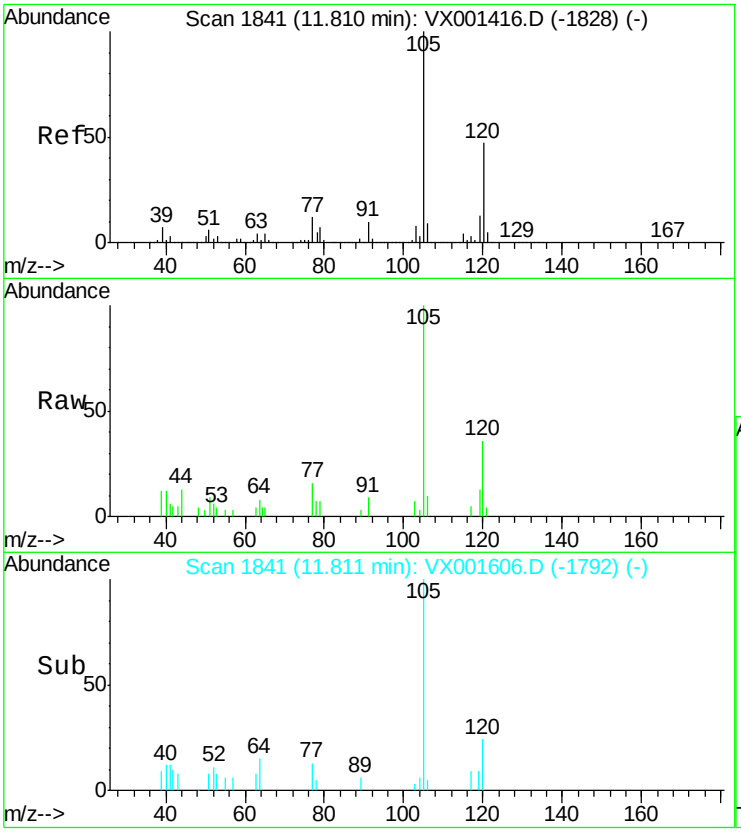


#81
trans-1,4-Dichloro-2-butene
Concen: 88.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion: 75 Resp: 87008

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.1	39.5	59.3#



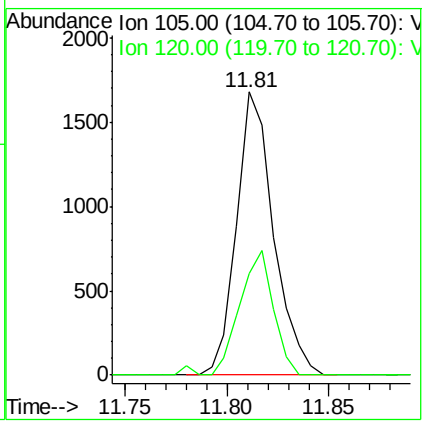


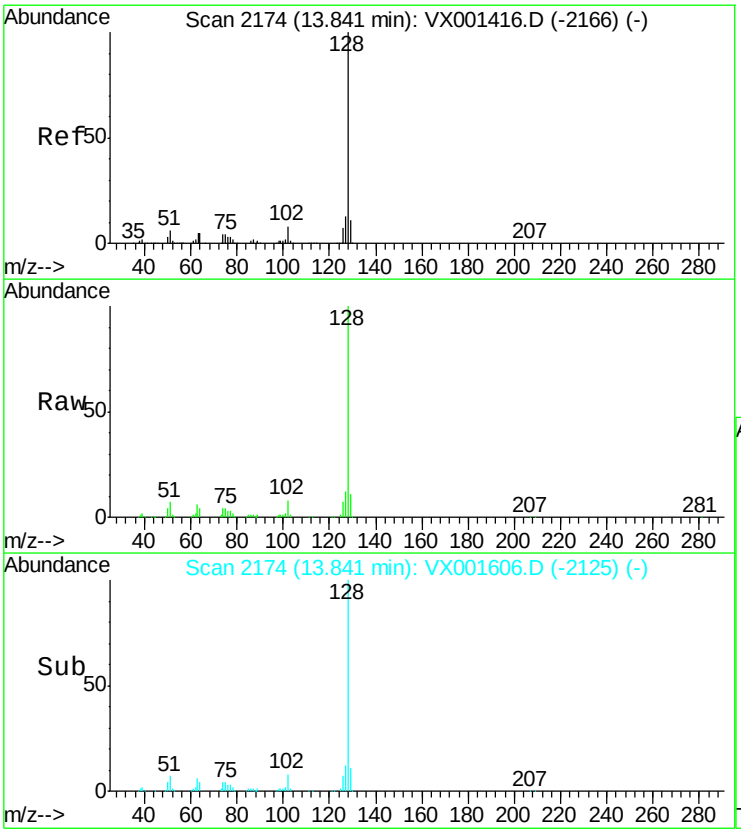
#84
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tgt Ion:105 Resp: 2115

Ion	Ratio	Lower	Upper
105	100		
120	40.0	23.4	70.2





#95
Naphthalene
Concen: 6.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001606.D
Acq: 10 May 2018 17:14

Tgt Ion:128 Resp: 74867

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.7	13.1