Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX002004.D
Acq On : 26 May 2018 04:08
Operator : JC/MD
Sample : PB109661ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#12

Quant Time: May 26 04:55:00 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	268570	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	423025	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	374482	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194857	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	272901	56.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.70%				
35) Dibromofluoromethane	5.51	113	209098	49.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.86%				
50) Toluene-d8	8.72	98	705666	46.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.16%				
62) 4-Bromofluorobenzene	11.14	95	255322	42.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	261	Below Cal		#	41
5) Bromomethane	1.66	94	891	Below Cal		#	46
13) Acrolein	2.31	56	361	0.89	ug/l	#	14
16) Acetone	2.45	43	16284	8.79	ug/l		96
18) Methyl Acetate	2.78	43	30672	5.87	ug/l		100
20) Methylene Chloride	2.87	84	4399	Below Cal			87
21) trans-1,2-Dichloroethene	3.17	96	268	Below Cal		#	10
25) 2-Butanone	4.72	43	3181	0.94	ug/l	#	91
28) Bromochloromethane	4.89	49	46	Below Cal		#	14
29) Tetrahydrofuran	5.18	42	1567	0.71	ug/l	#	79
31) Cyclohexane	5.67	56	5118	0.77	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	19192	3.26	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	24366	3.55	ug/l	#	14
41) Methacrylonitrile	5.09	41	334	Below Cal		#	77
74) N-amyl acetate	6.47	43	284	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.26	83	186	Below Cal		#	72
76) 1,2,3-Trichloropropane	11.14	75	134660	28.77	ug/l	#	33
79) 2-Chlorotoluene	11.46	91	50	Below Cal			88
81) trans-1,4-Dichloro-2-buten	11.14	75	134660	69.15	ug/l	#	10

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

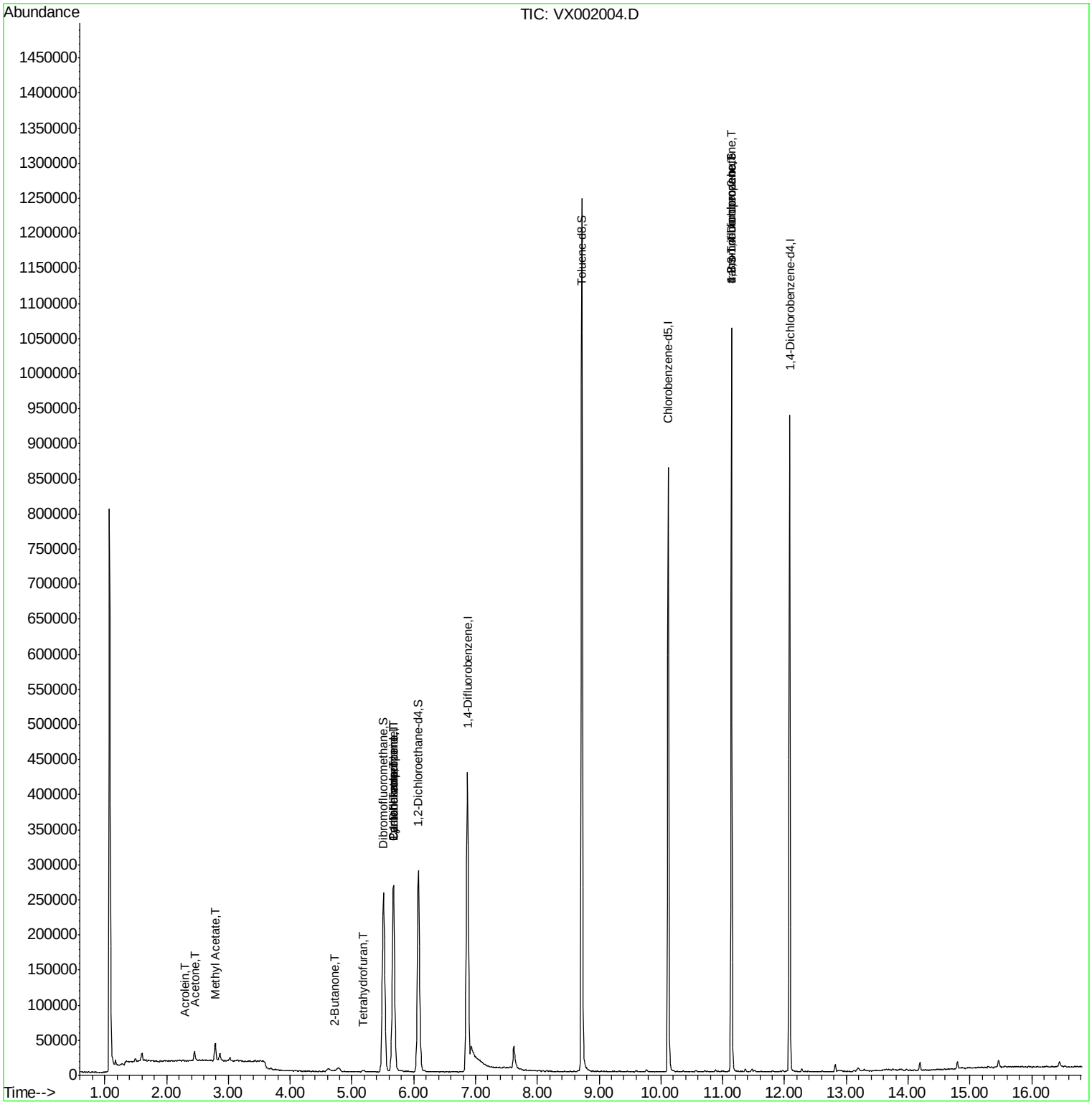
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

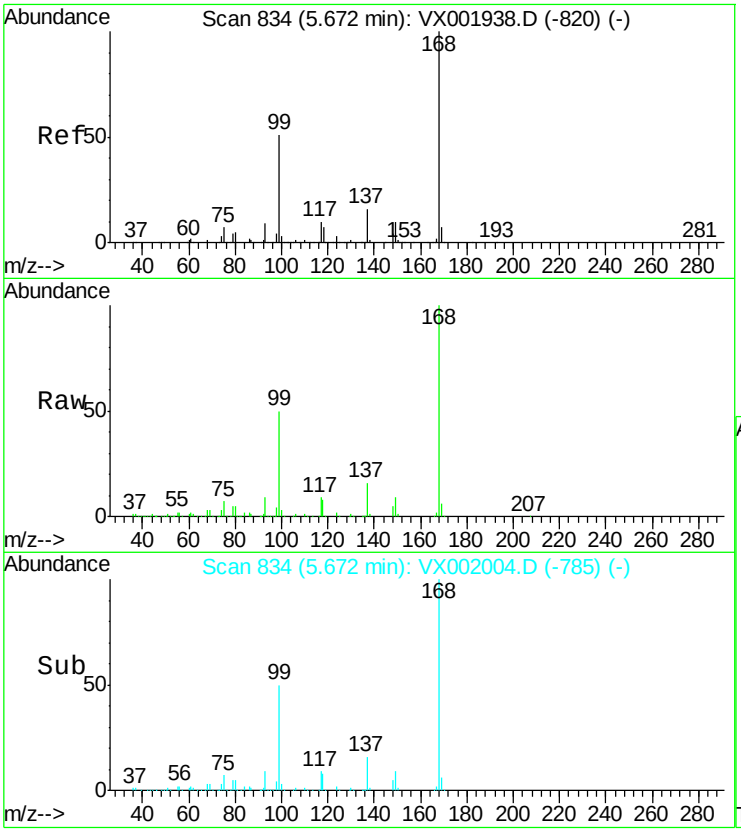
Quantitation Report (Not Reviewed)

Data File : VX002004.D
Acq On : 26 May 2018 04:08
Operator : JC/MD
Sample : PB109661ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Quant Time: May 26 04:55:00 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



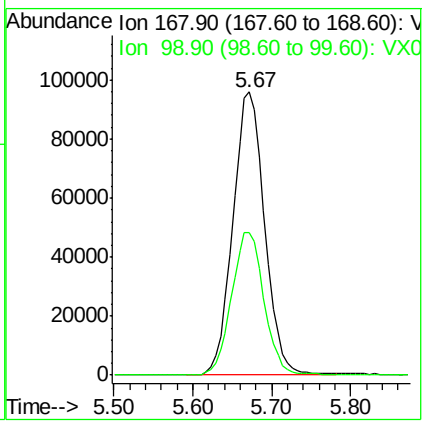


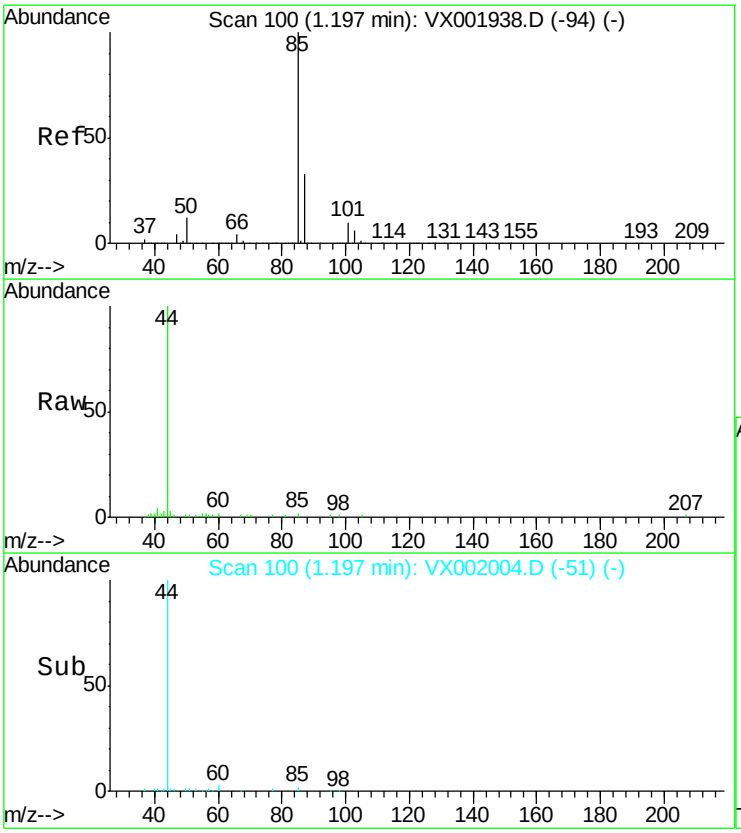
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion:168 Resp: 268570

Ion	Ratio	Lower	Upper
168	100		
99	50.3	41.0	61.4

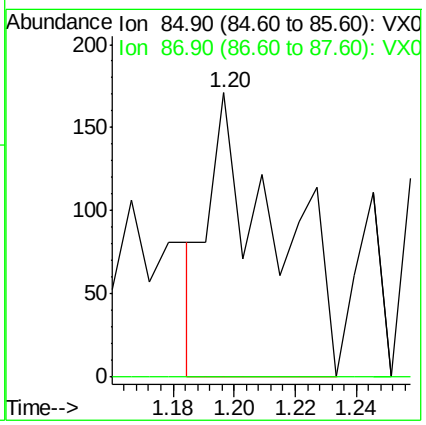


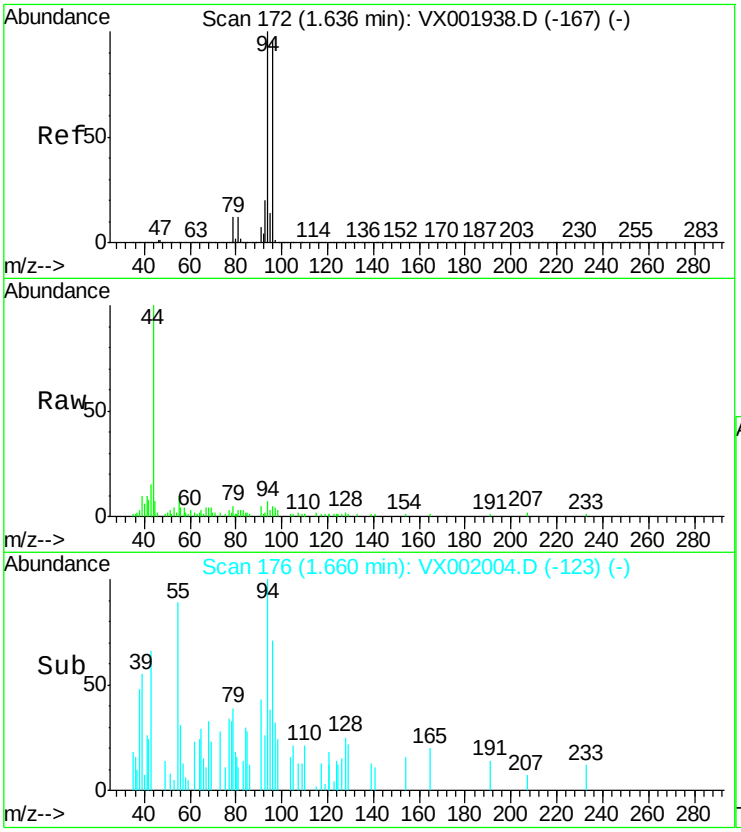


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 85 Resp: 261

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



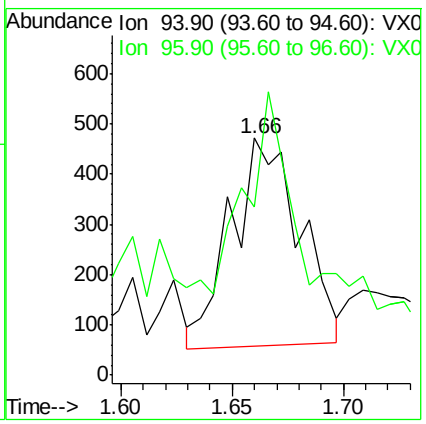


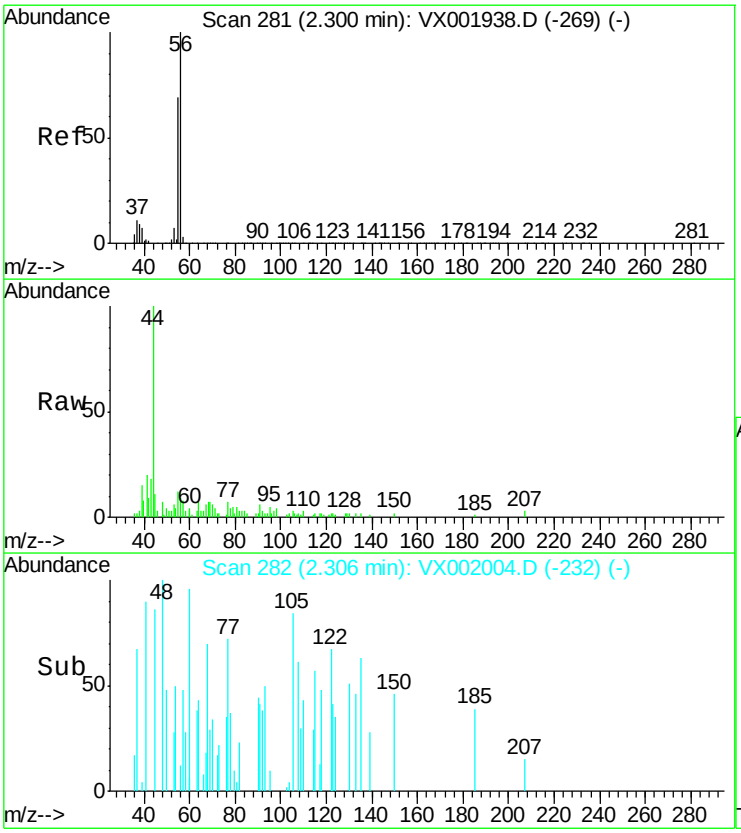
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 94 Resp: 891

Ion	Ratio	Lower	Upper
94	100		
96	42.4	75.9	113.9#

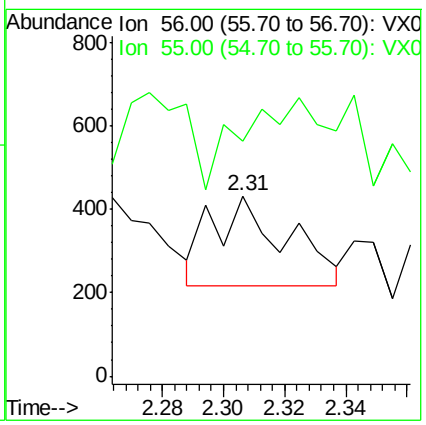


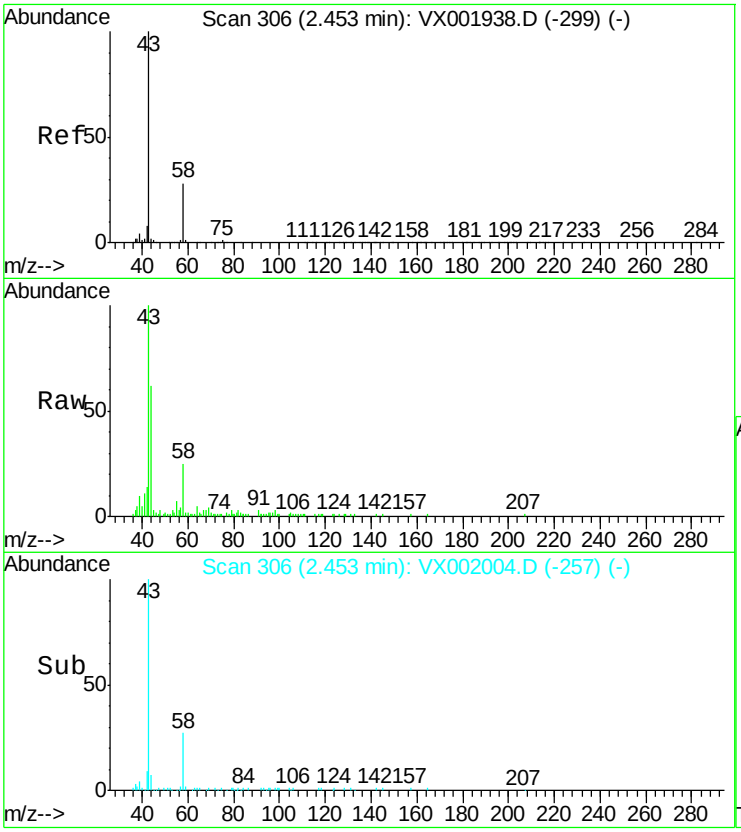


#13
Acrolein
Concen: 0.89 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



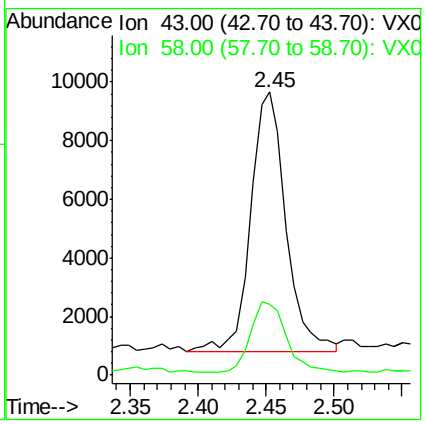


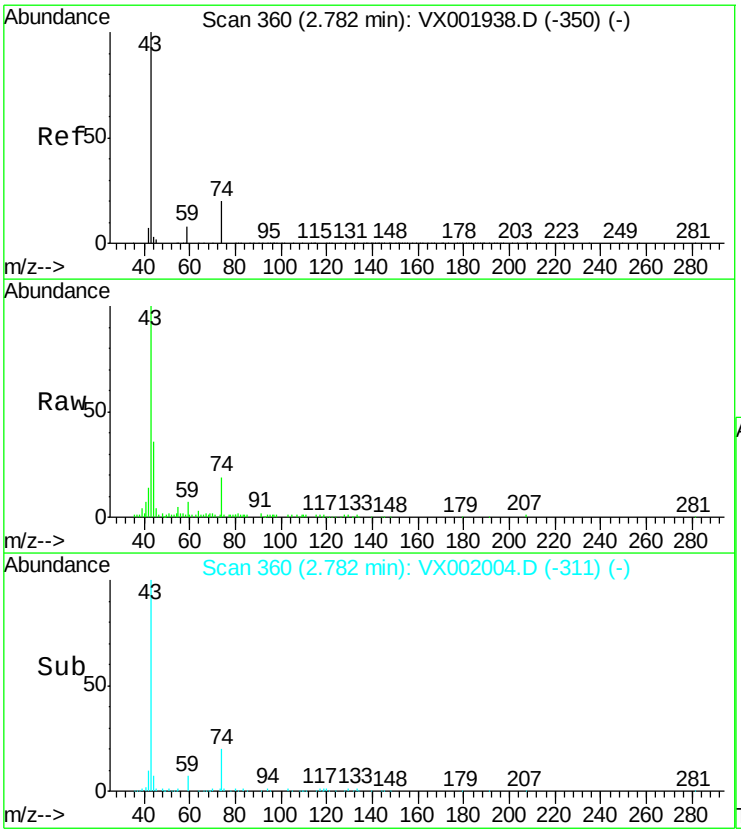
#16
Acetone
Concen: 8.79 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 43 Resp: 16284

Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.3	33.5

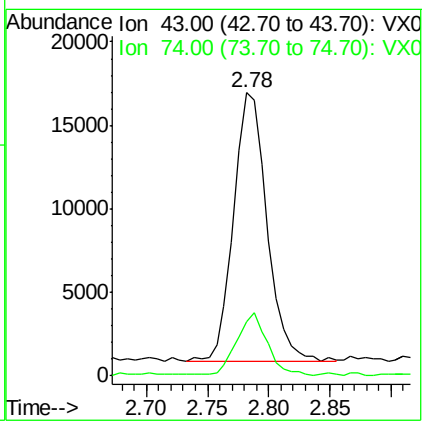


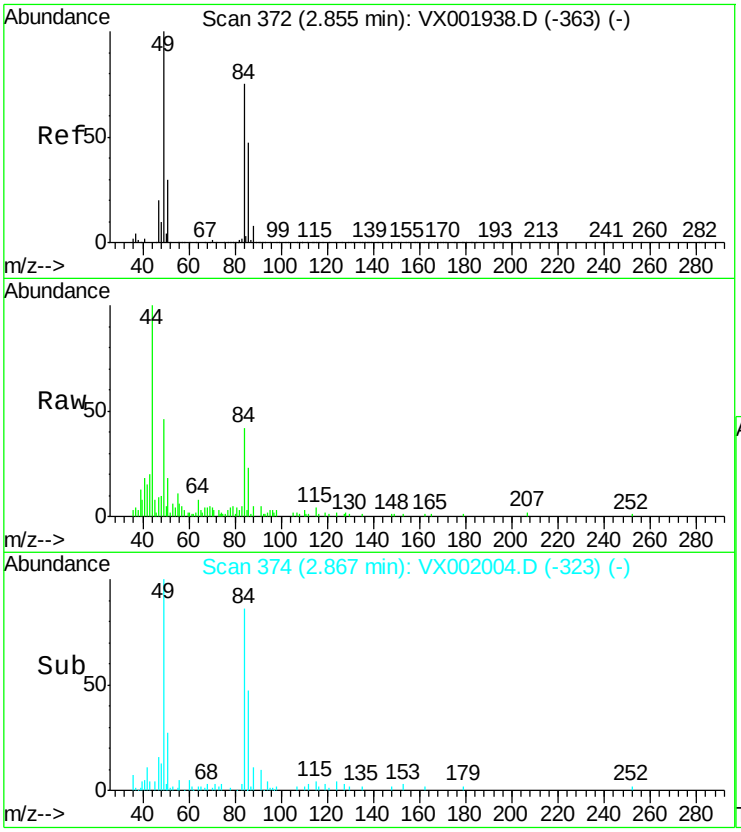


#18
Methyl Acetate
Concen: 5.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 43 Resp: 30672

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.8	25.2



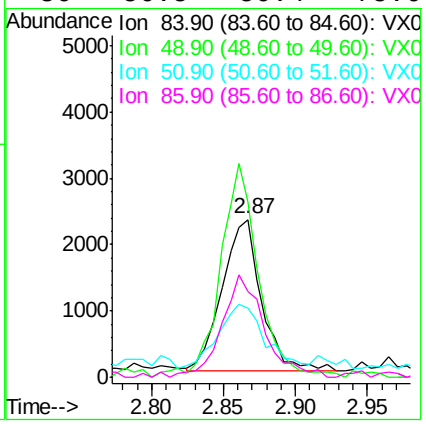


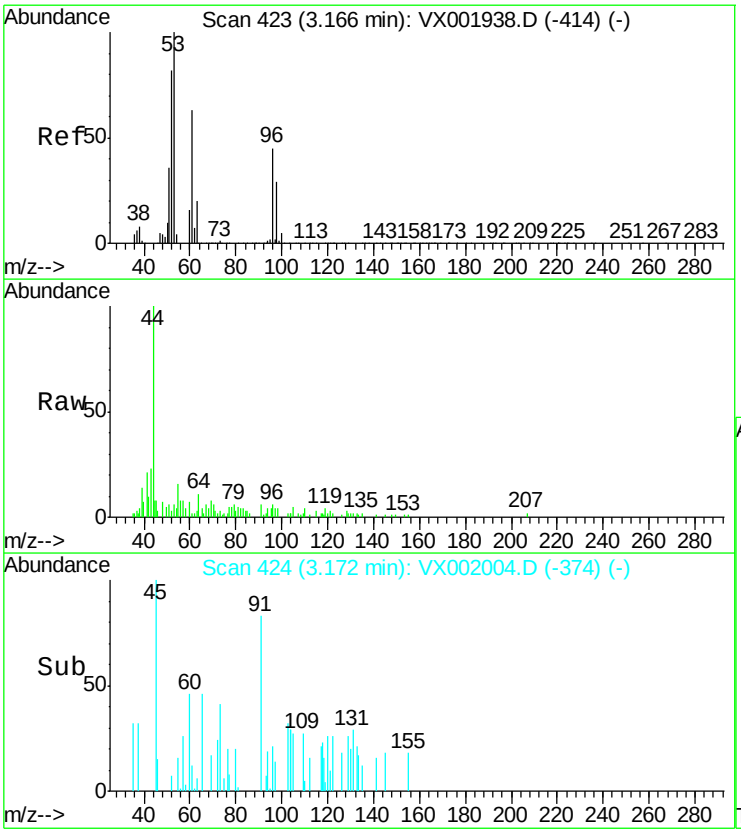
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 84 Resp: 4399

Ion	Ratio	Lower	Upper
84	100		
49	113.0	107.2	160.8
51	37.3	32.4	48.6
86	56.5	50.4	75.6

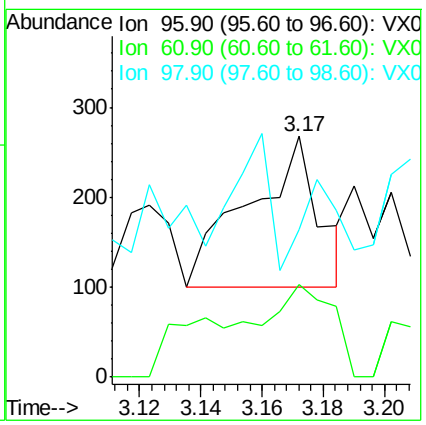


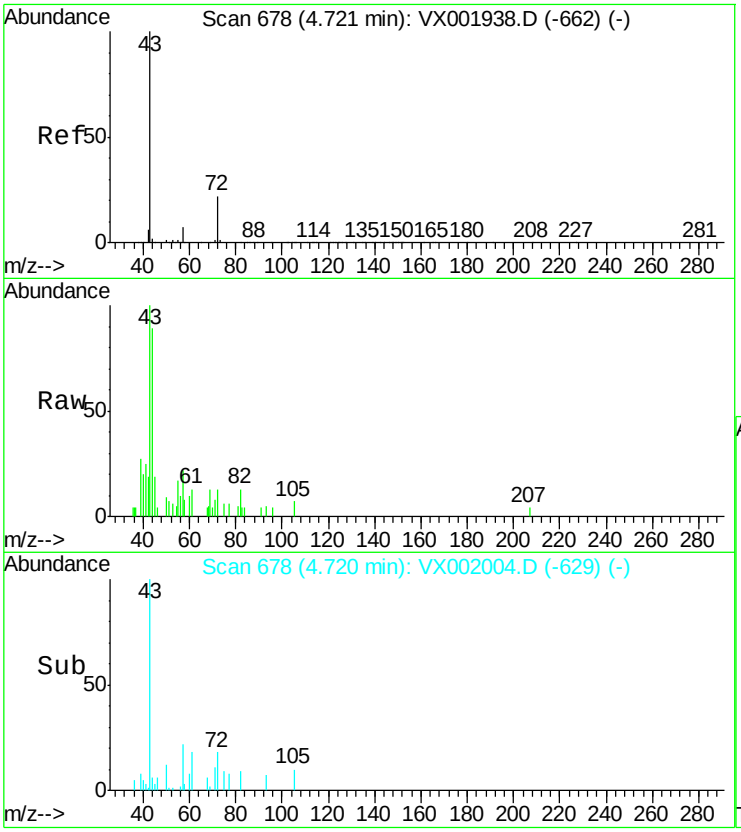


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 96 Resp: 268

Ion	Ratio	Lower	Upper
96	100		
61	27.4	113.3	169.9#
98	0.0	51.7	77.5#



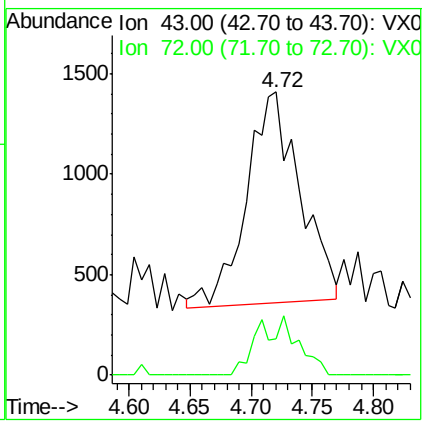


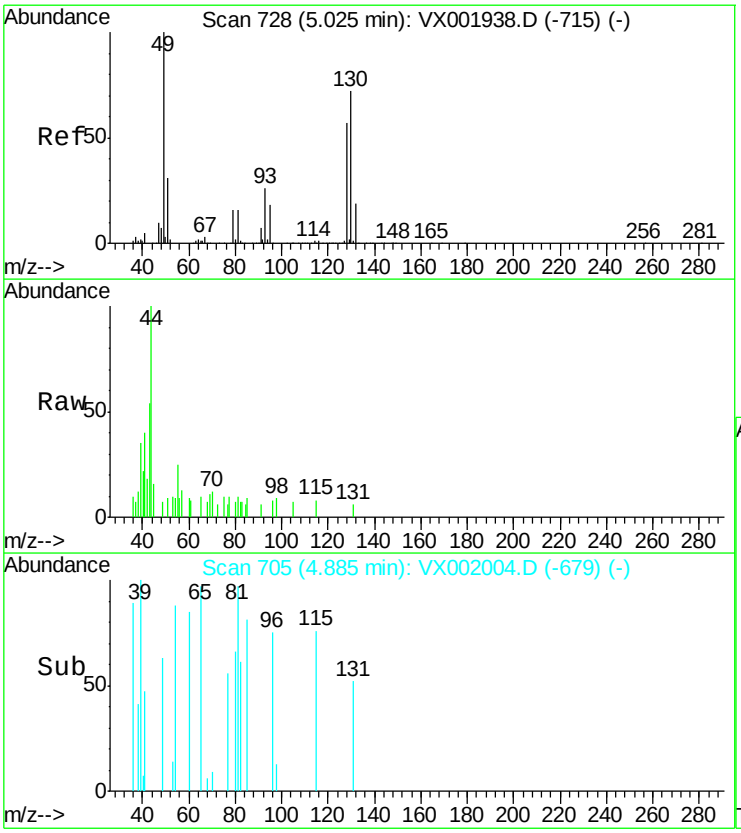
#25
2-Butanone
Concen: 0.94 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 43 Resp: 3181

Ion	Ratio	Lower	Upper
43	100		
72	17.9	17.9	26.9#

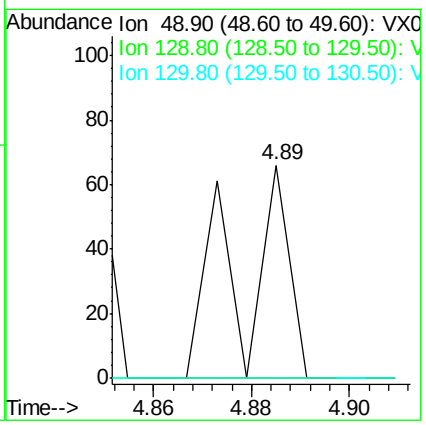


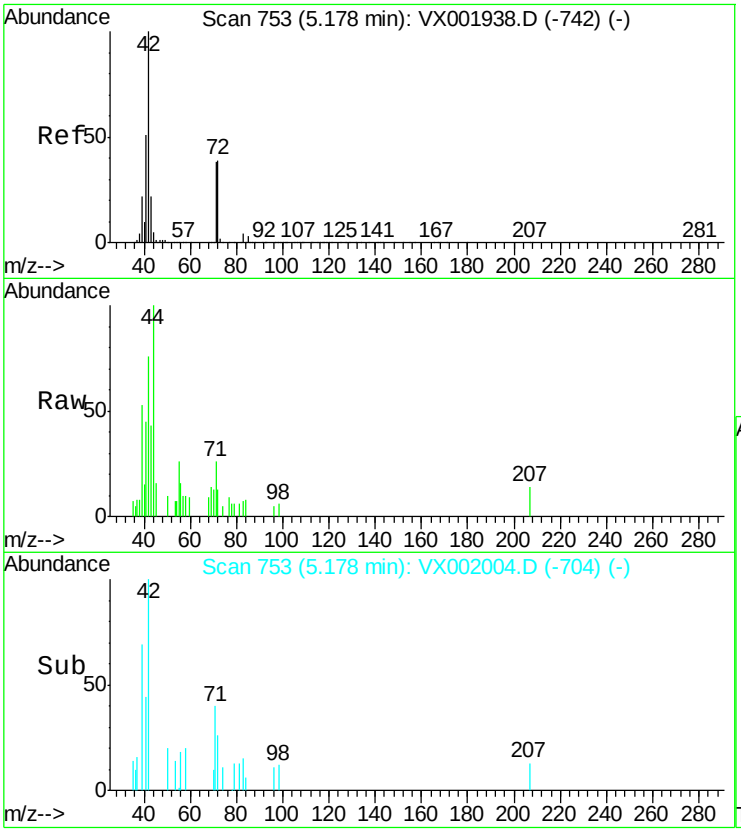


#28
Bromochloromethane
Concen: Below Cal
RT: 4.89 min Scan# 705
Delta R.T. -0.14 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 49 Resp: 46

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



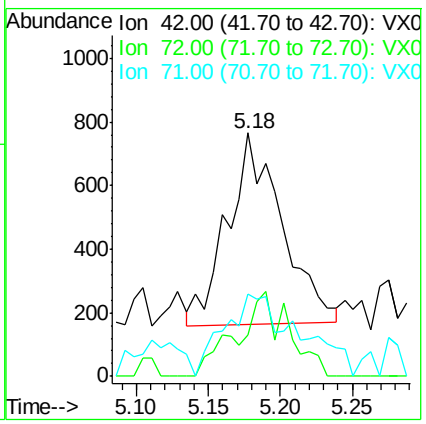


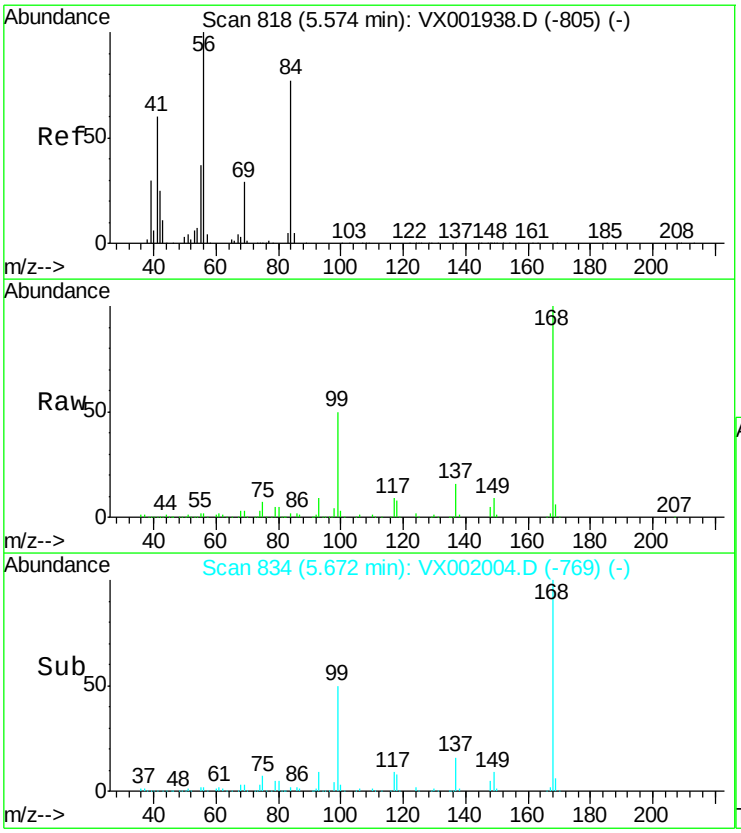
#29
Tetrahydrofuran
Concen: 0.71 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 42 Resp: 1567

Ion	Ratio	Lower	Upper
42	100		
72	42.0	31.4	47.0
71	59.3	29.5	44.3#

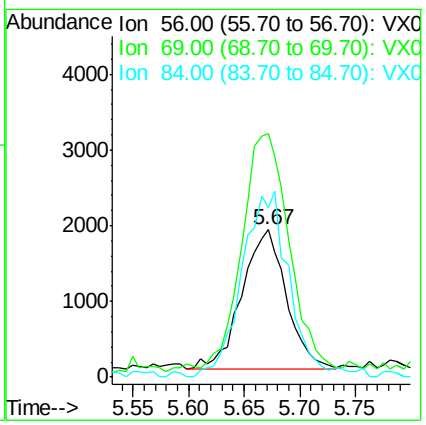


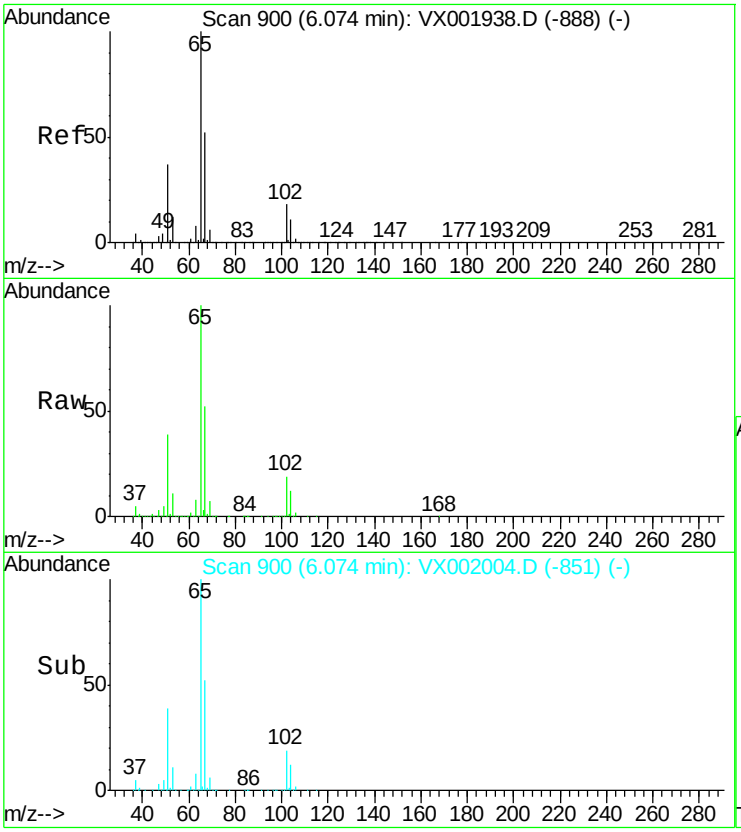


#31
Cyclohexane
Concen: 0.77 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 56 Resp: 5118

Ion	Ratio	Lower	Upper
56	100		
69	168.7	23.1	34.7#
84	121.6	62.0	93.0#



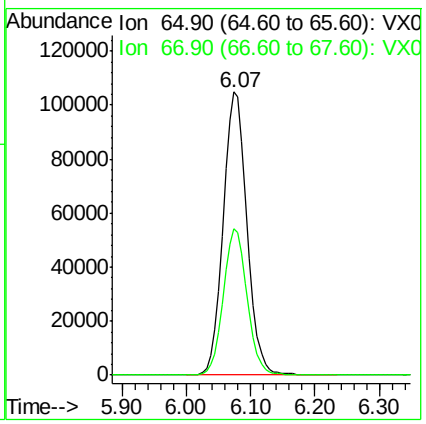


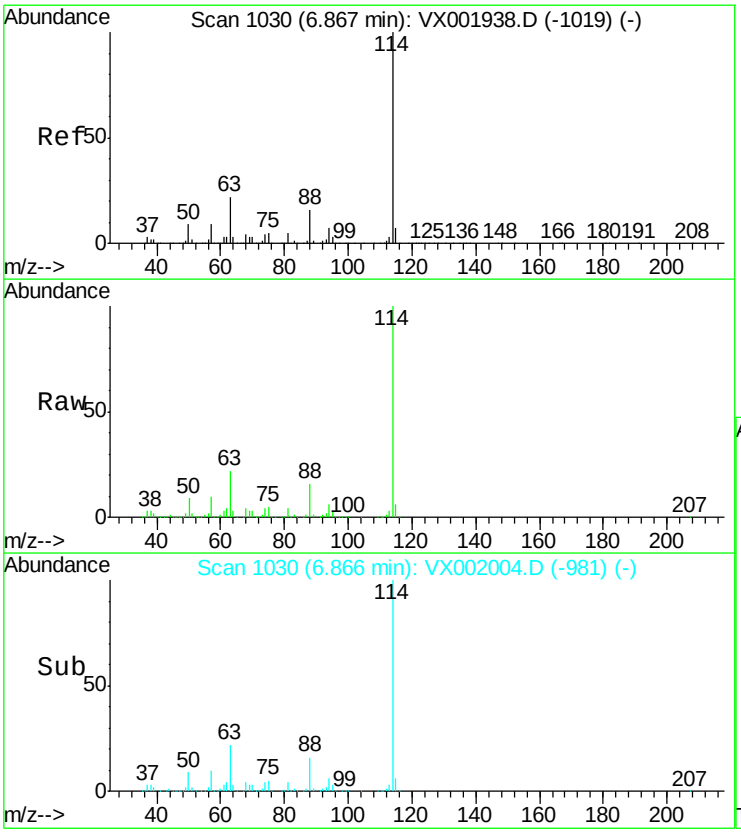
#33
1,2-Dichloroethane-d4
Concen: 56.85 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 65 Resp: 272901

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

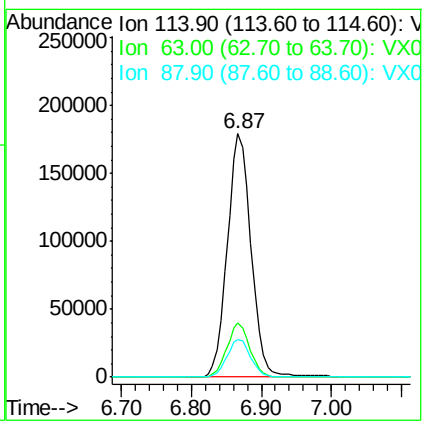


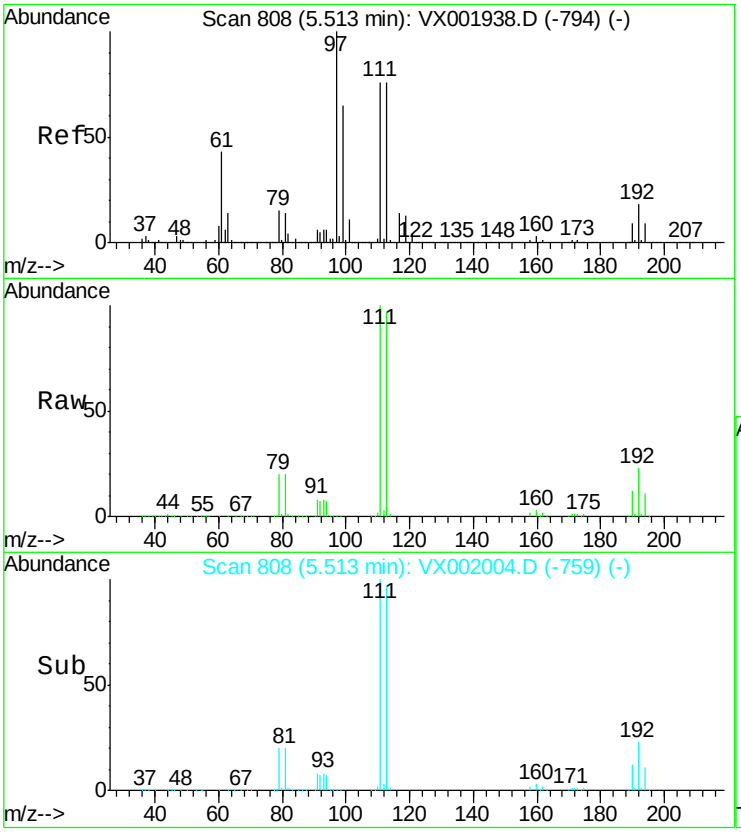


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion:114 Resp: 423025

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	15.5	0.0	31.6



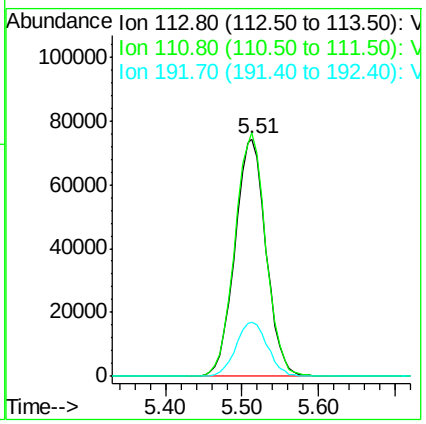


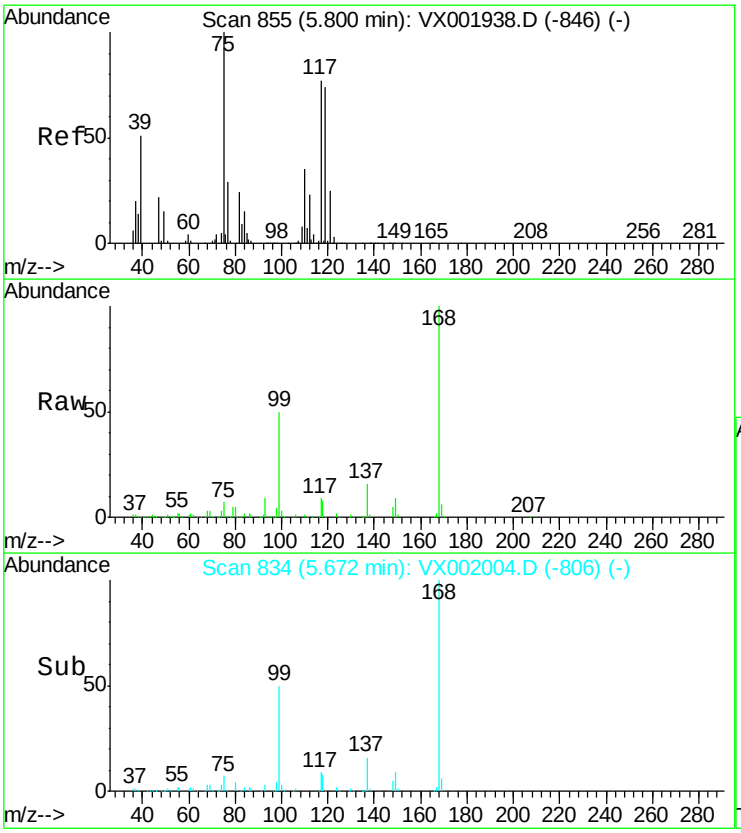
#35
Dibromofluoromethane
Concen: 49.43 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion:113 Resp: 209098

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.4	18.9	28.3

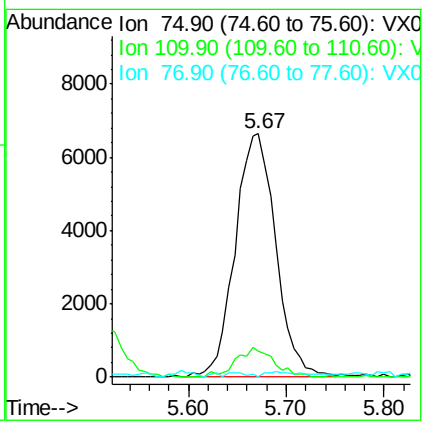


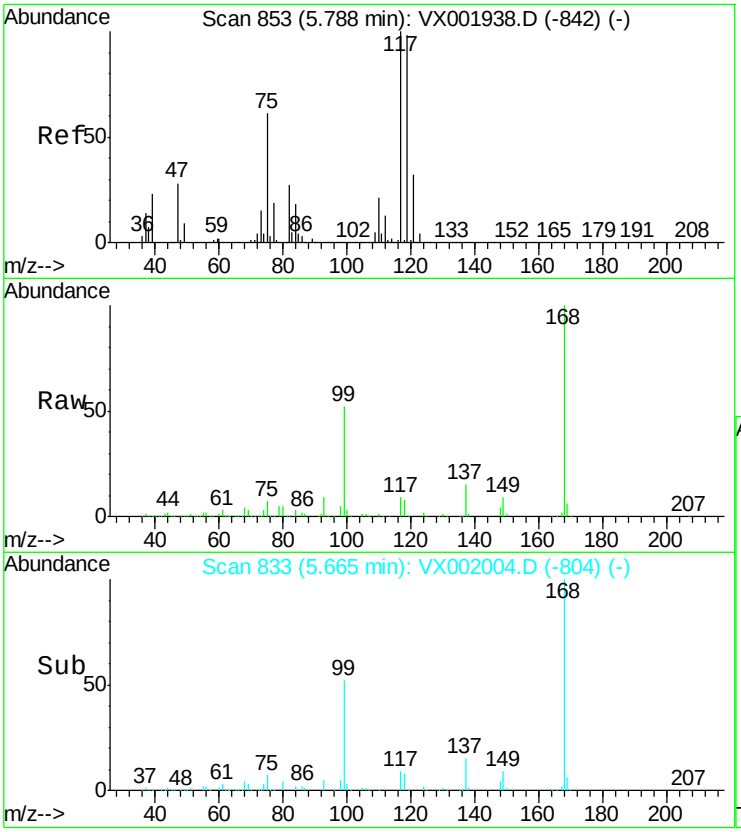


#36
1,1-Dichloropropene
Concen: 3.26 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 75 Resp: 19192

Ion	Ratio	Lower	Upper
75	100		
110	11.4	17.4	52.2#
77	0.0	24.4	36.6#



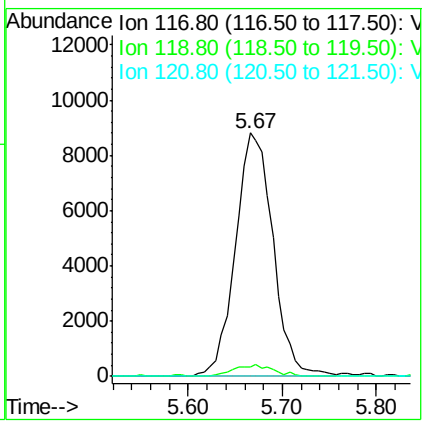


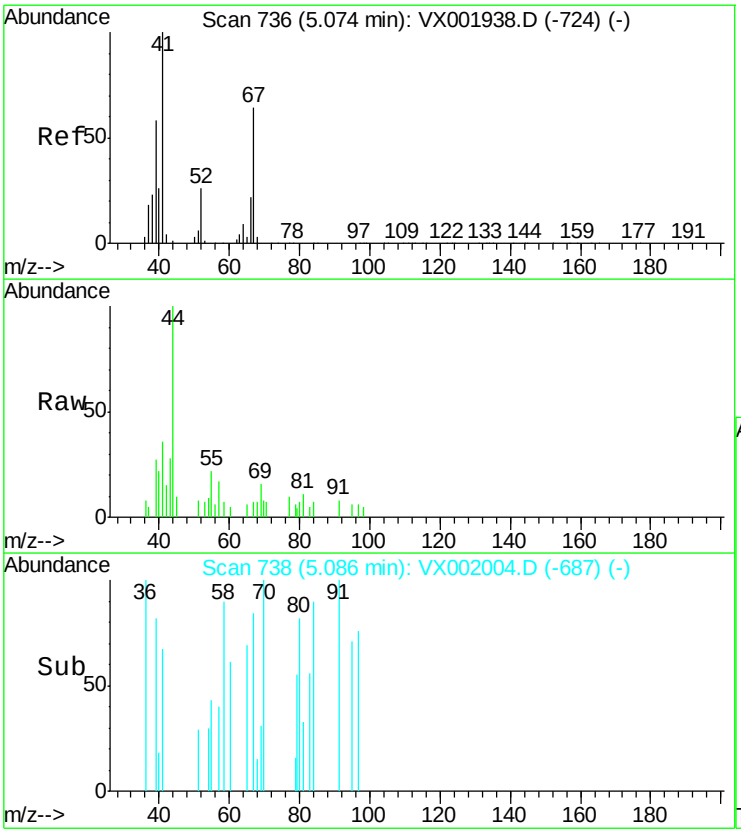
#38
Carbon Tetrachloride
Concen: 3.55 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion:117 Resp: 24366

Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.5	117.7#
121	0.0	25.5	38.3#

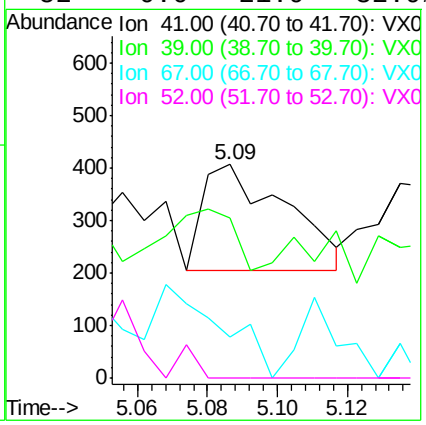


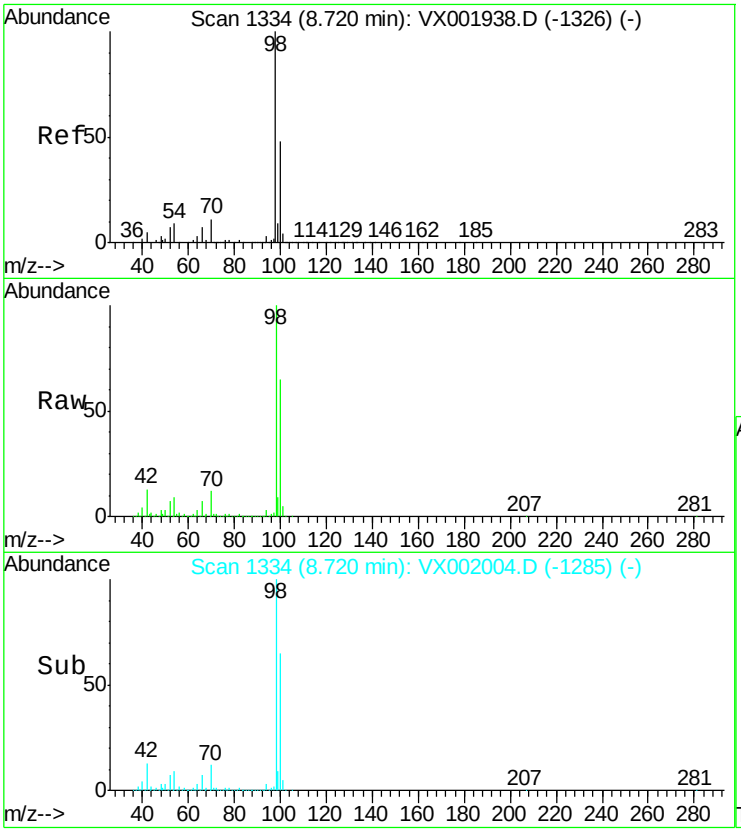


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 41 Resp: 334

Ion	Ratio	Lower	Upper
41	100		
39	37.4	46.0	69.0#
67	67.4	50.6	75.8
52	0.0	21.9	32.9#



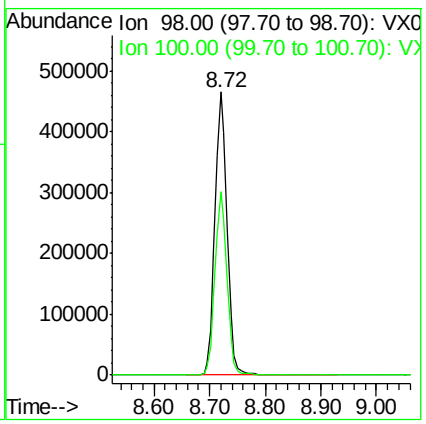


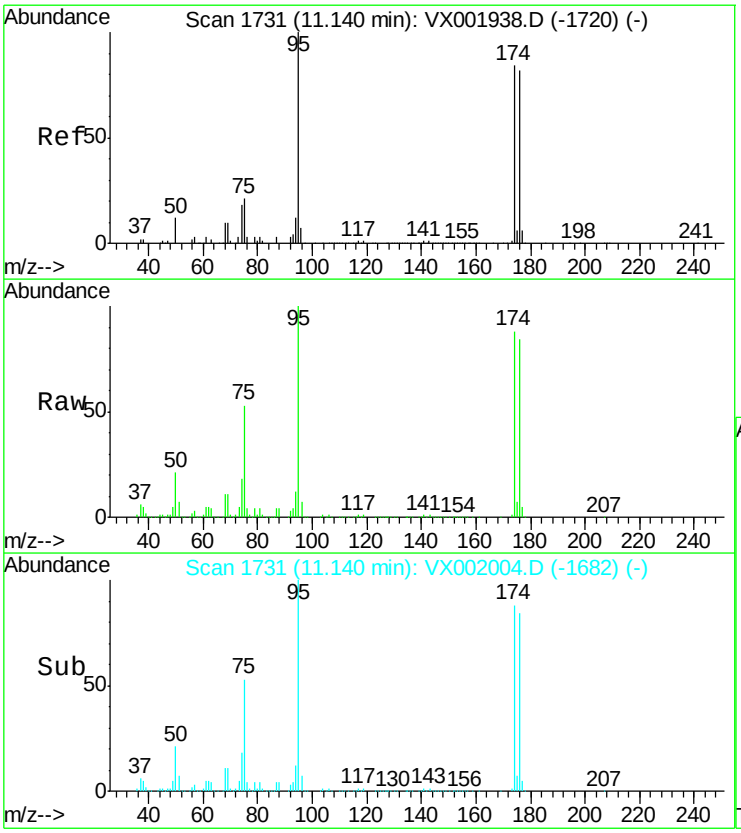
#50
Toluene-d8
Concen: 46.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 98 Resp: 705666

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3

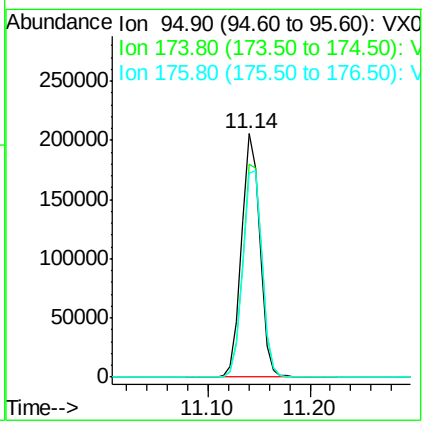


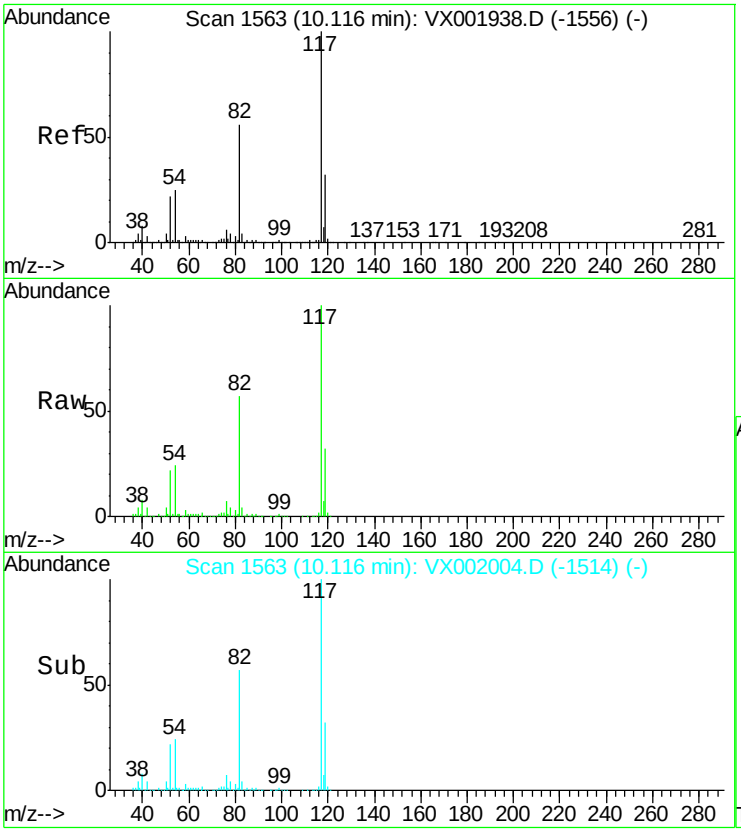


#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 95 Resp: 255322

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	178.8
176	89.3	0.0	175.6



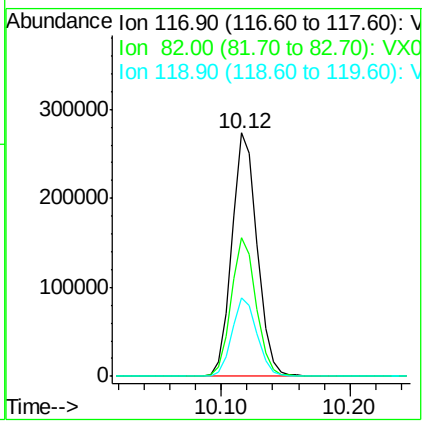


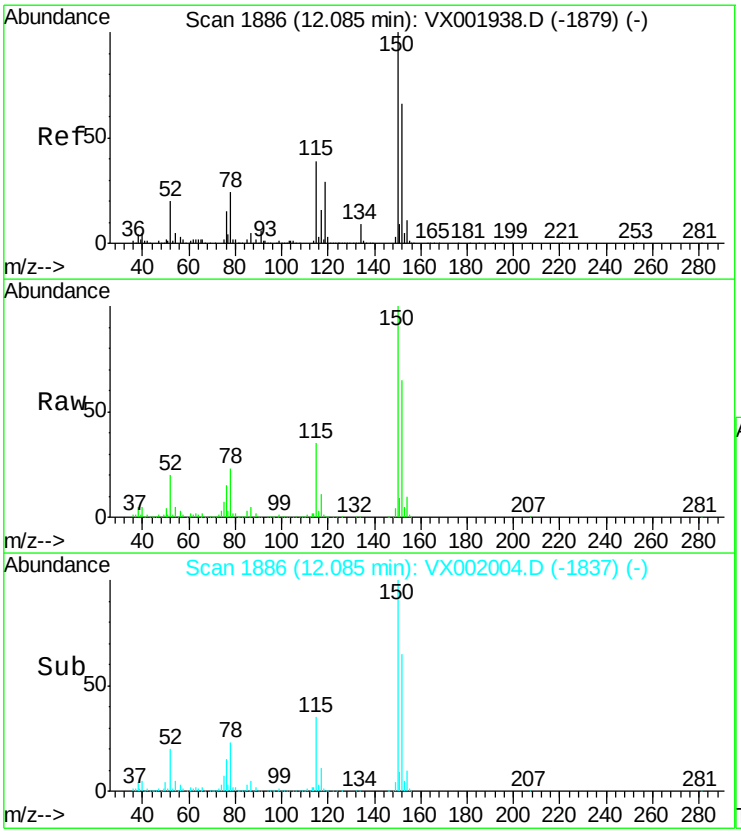
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument : MSVOA_X
ClientSampleId : PB109661ZHE#12

Tgt Ion:117 Resp: 374482

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.8	67.2
119	32.5	25.5	38.3

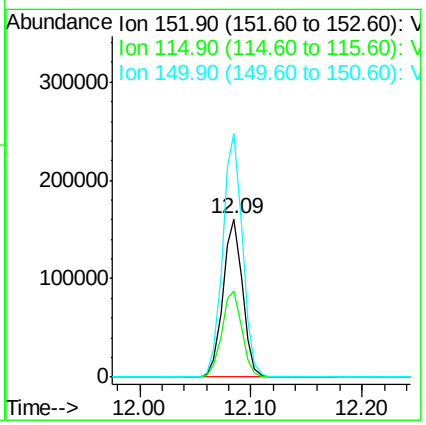


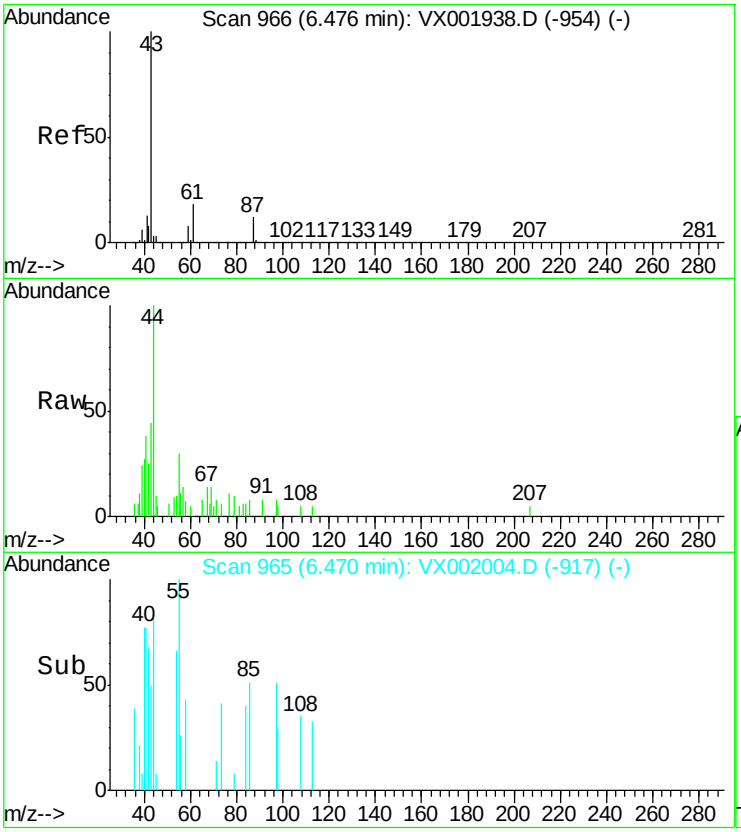


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion:152 Resp: 194857

Ion	Ratio	Lower	Upper
152	100		
115	55.5	42.3	126.8
150	155.3	0.0	351.0



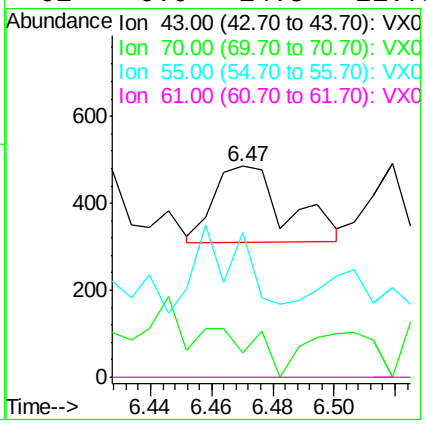


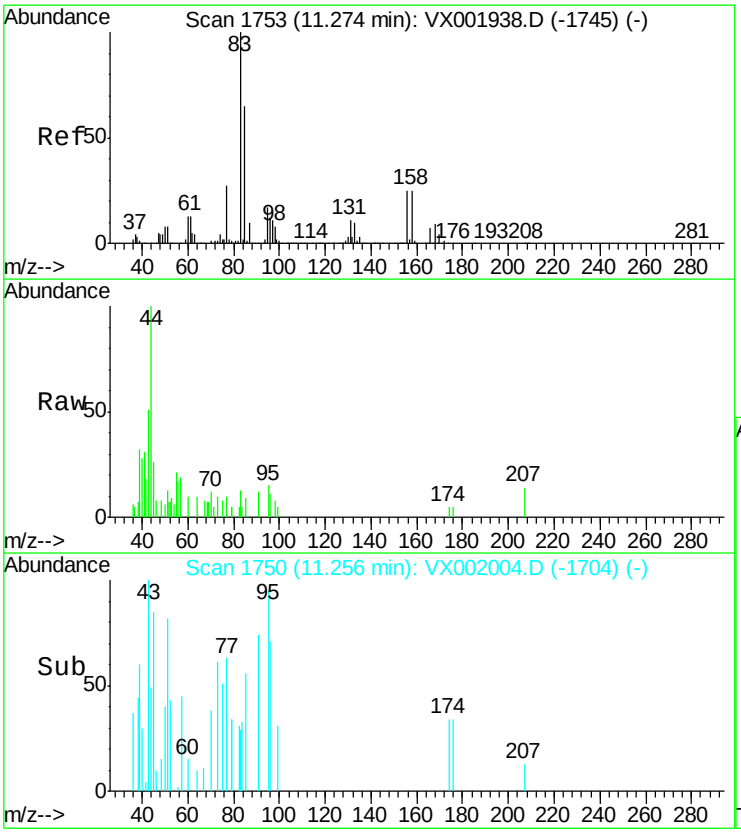
#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 43 Resp: 284

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	75.0	0.1	0.1#
61	0.0	14.5	21.7#

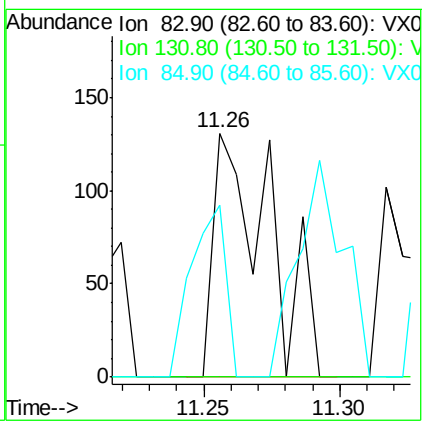


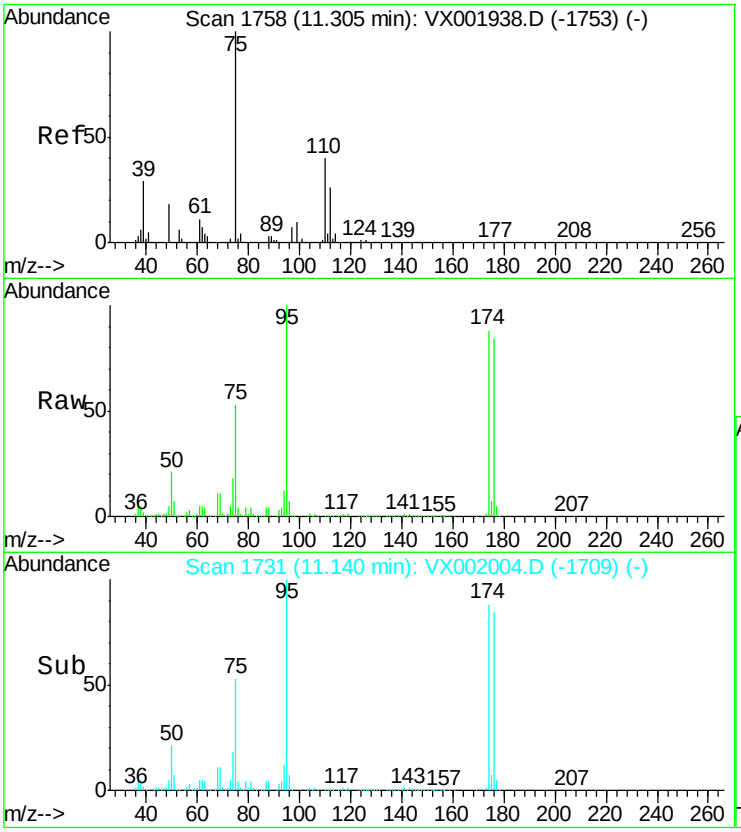


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.26 min Scan# 1750
Delta R.T. -0.02 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 83 Resp: 186

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	43.5	32.6	97.7



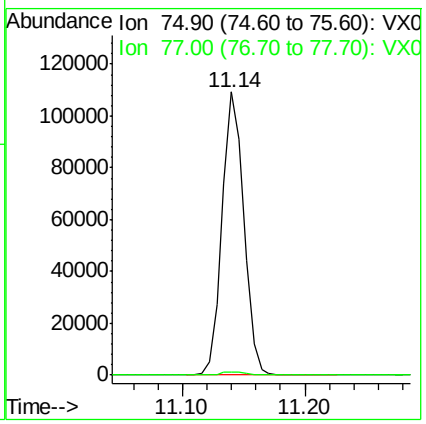


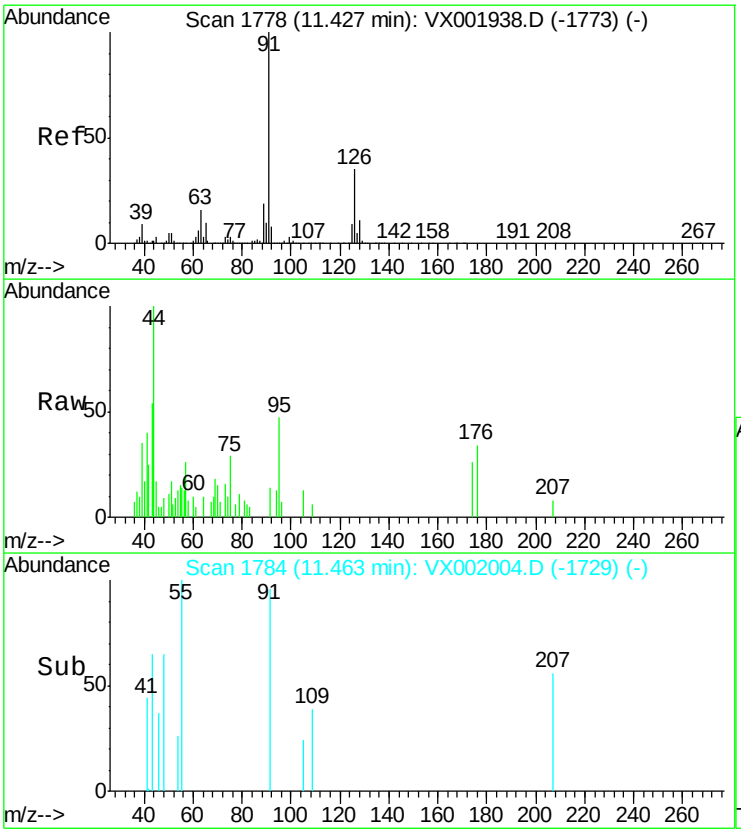
#76
1,2,3-Trichloropropane
Concen: 28.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 75 Resp: 134660

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

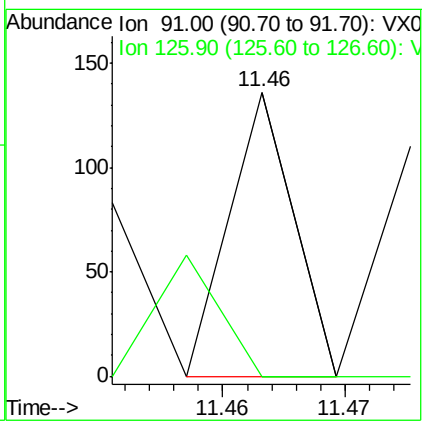


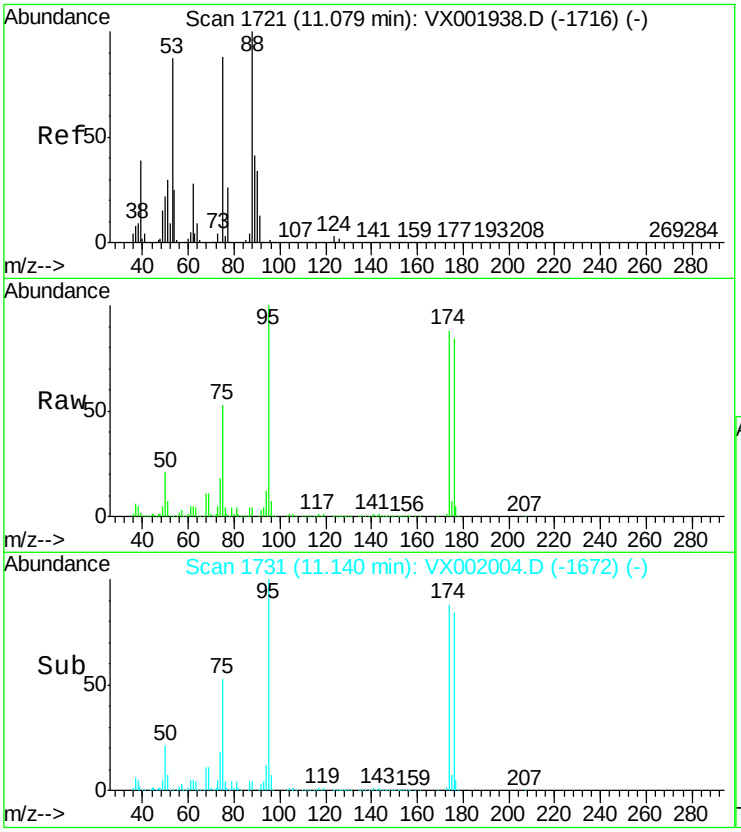


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.46 min Scan# 1784
Delta R.T. 0.04 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Tgt Ion: 91 Resp: 50

Ion	Ratio	Lower	Upper
91	100		
126	42.0	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 69.15 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002004.D
Acq: 26 May 2018 04:08

Instrument :
MSVOA_X
ClientSampleId :
PB109661ZHE#12

Tgt Ion: 75 Resp: 134660

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	39.4	59.2#