Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002016.D
Acq On : 26 May 2018 13:35
Operator : JC/MD
Sample : VX0526WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 28 00:29:50 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	317975	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	441571	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	381002	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194201	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	283475	49.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.74%				
35) Dibromofluoromethane	5.51	113	221335	50.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.24%				
50) Toluene-d8	8.72	98	843342	52.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.50%				
62) 4-Bromofluorobenzene	11.14	95	289011	46.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	95	Below Cal		#	41
5) Bromomethane	1.67	94	1287	Below Cal		#	68
10) Methyl Iodide	2.52	142	4337	0.81	ug/l	#	88
11) Tert butyl alcohol	3.02	59	1791	1.61	ug/l	#	86
13) Acrolein	2.30	56	225	0.47	ug/l		89
15) Acrylonitrile	3.15	53	1014	0.44	ug/l	#	64
16) Acetone	2.45	43	1557	0.71	ug/l	#	81
17) Carbon Disulfide	2.57	76	3290	0.31	ug/l		95
18) Methyl Acetate	2.79	43	1011	Below Cal		#	36
20) Methylene Chloride	2.86	84	551	Below Cal		#	74
21) trans-1,2-Dichloroethene	3.17	96	825	Below Cal		#	32
28) Bromochloromethane	5.02	49	168	Below Cal		#	58
29) Tetrahydrofuran	5.17	42	1662	0.64	ug/l	#	91
31) Cyclohexane	5.66	56	6134	0.78	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	21981	3.58	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	29463	4.11	ug/l	#	14
41) Methacrylonitrile	5.08	41	283	Below Cal		#	58
49) 1,4-Dioxane	7.77	88	47	0.39	ug/l	#	21
74) N-amyl acetate	6.50	43	231	Below Cal		#	78
75) 1,1,2,2-Tetrachloroethane	11.28	83	239	Below Cal		#	51
76) 1,2,3-Trichloropropane	11.14	75	152151	32.62	ug/l	#	32
79) 2-Chlorotoluene	11.43	91	937	Below Cal			79
81) trans-1,4-Dichloro-2-buten	11.14	75	152151	78.40	ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.65	180	1255	0.22	ug/l		97
95) Naphthalene	13.84	128	4208	0.24	ug/l		96
96) 1,2,3-Trichlorobenzene	14.02	180	1263	0.21	ug/l		91

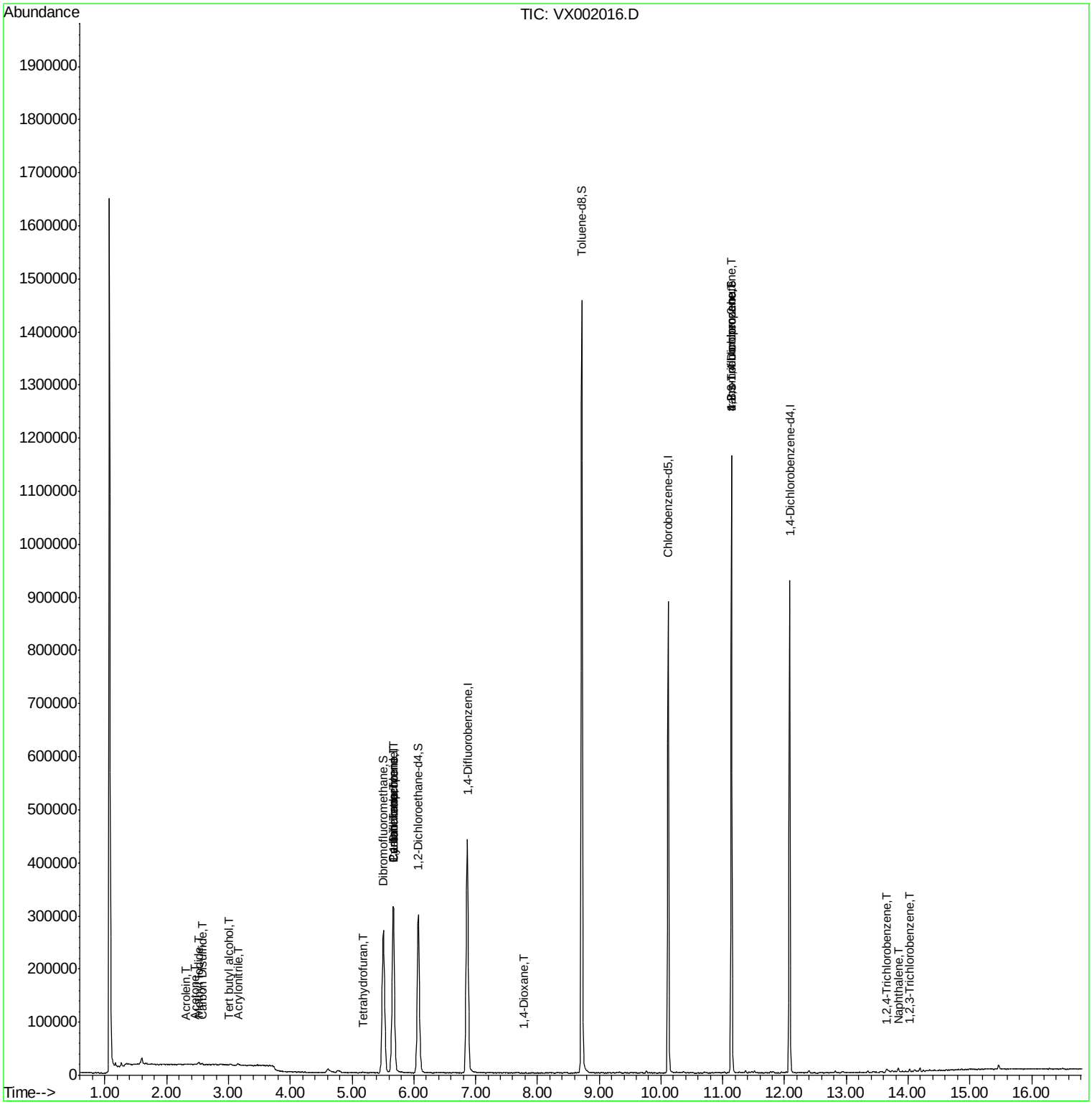
(#) = qualifier out of range (m) = manual integration (+) = signals summed

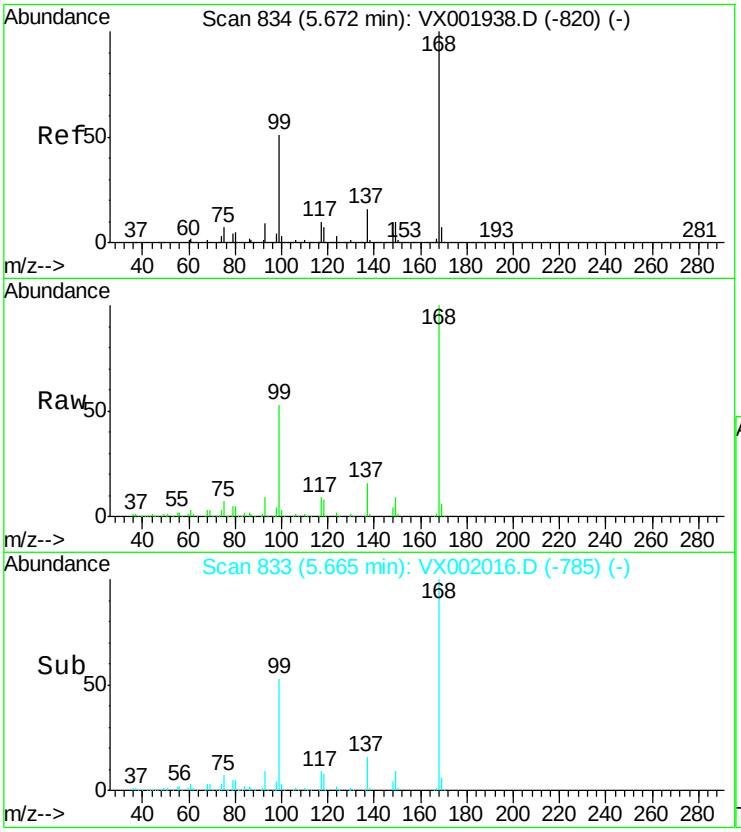
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052618\
Data File : VX002016.D
Acq On : 26 May 2018 13:35
Operator : JC/MD
Sample : VX0526WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 28 00:29:50 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



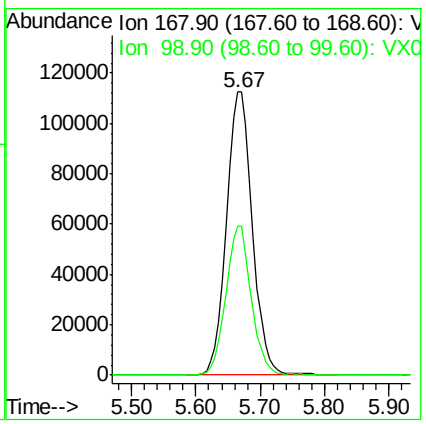


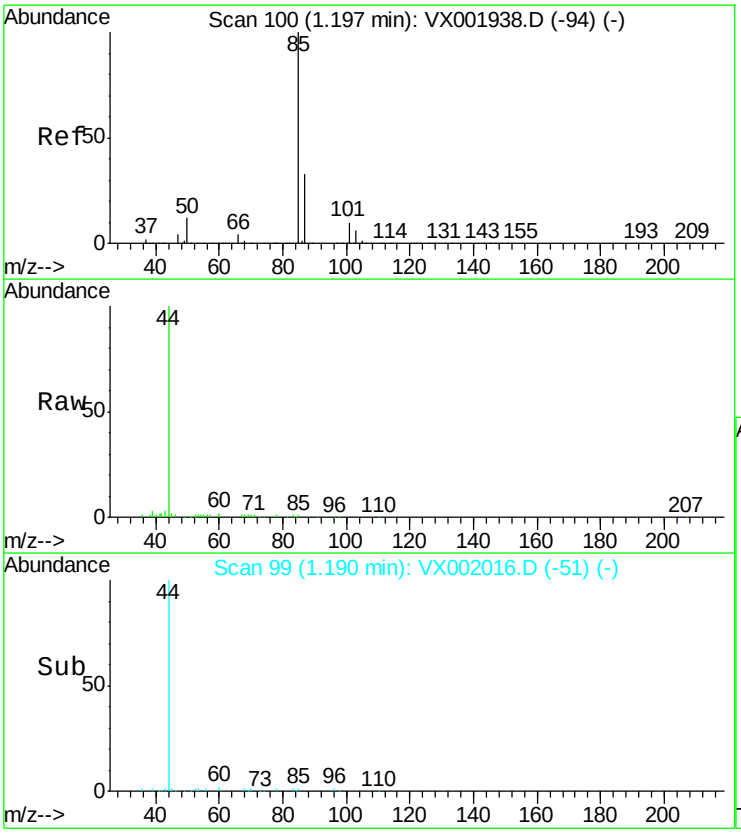
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 317975

Ion	Ratio	Lower	Upper
168	100		
99	52.5	41.0	61.4

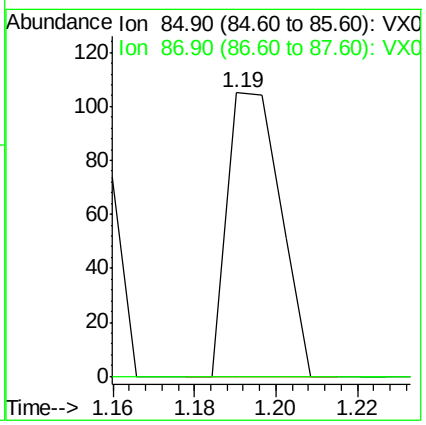


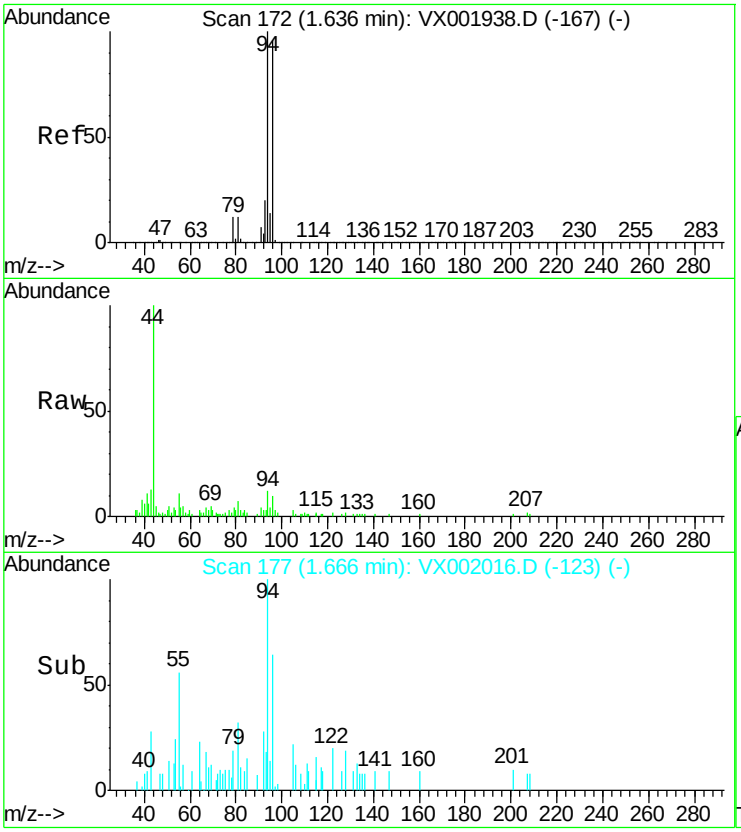


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 85 Resp: 95

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



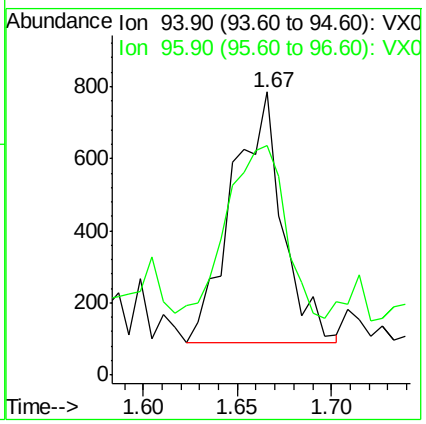


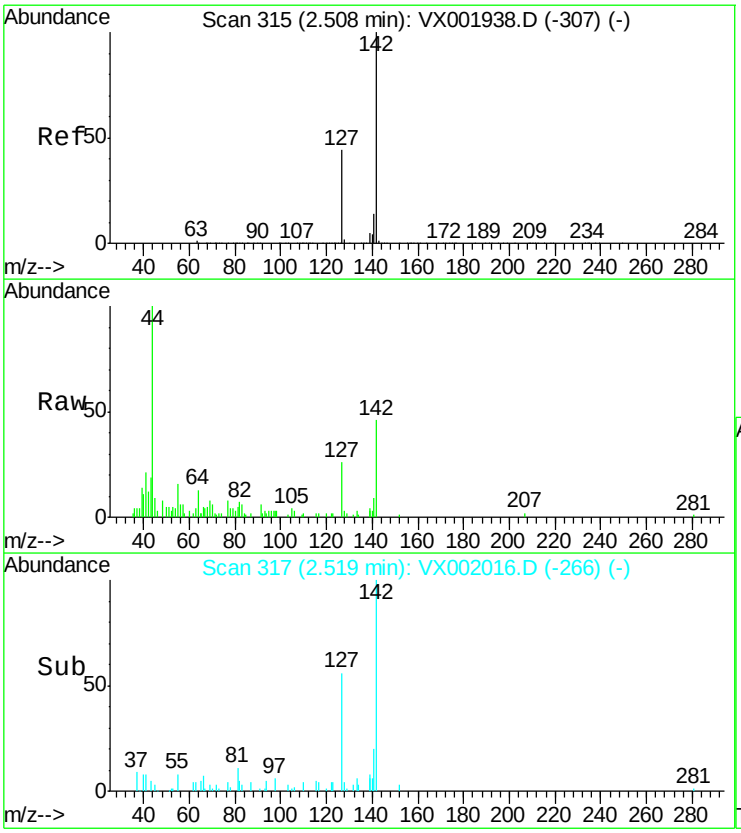
#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1287

Ion	Ratio	Lower	Upper
94	100		
96	63.8	75.9	113.9#

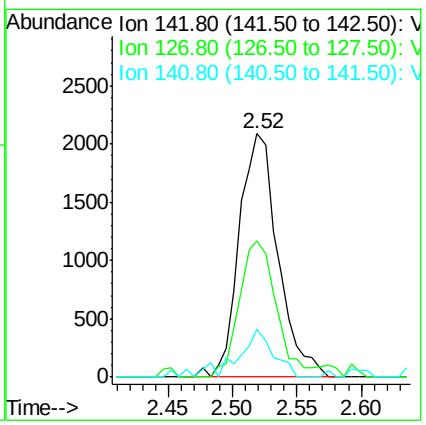


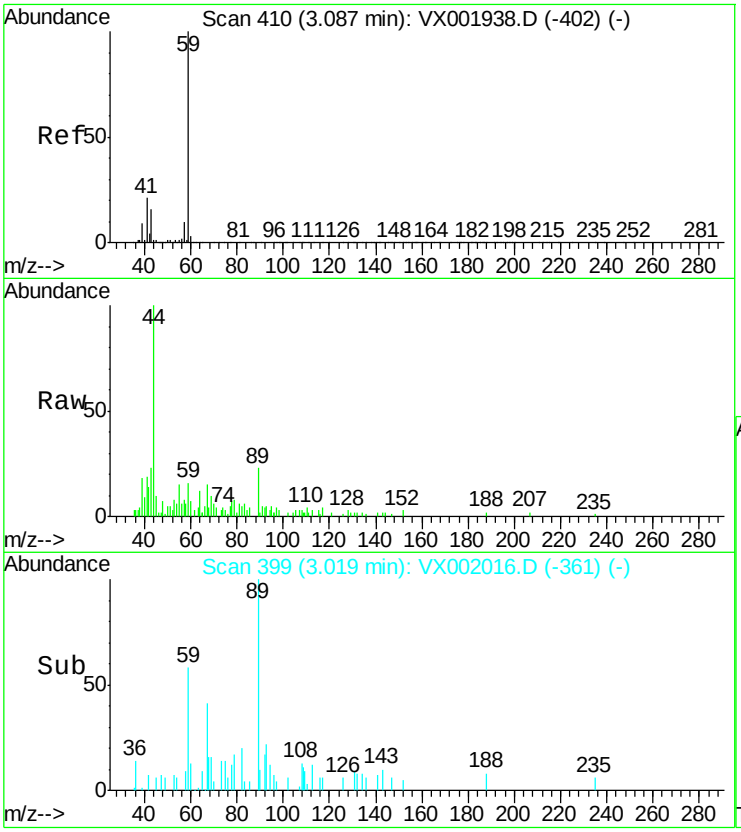


#10
Methyl Iodide
Concen: 0.81 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:142 Resp: 4337

Ion	Ratio	Lower	Upper
142	100		
127	53.4	35.5	53.3#
141	16.0	11.3	16.9



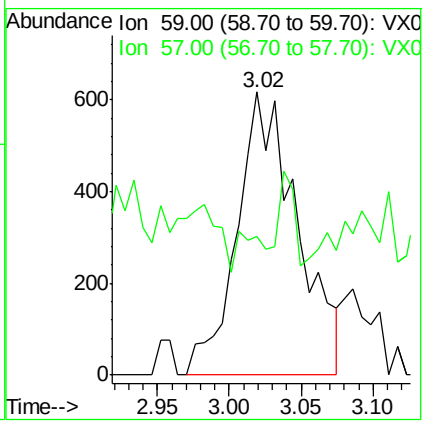


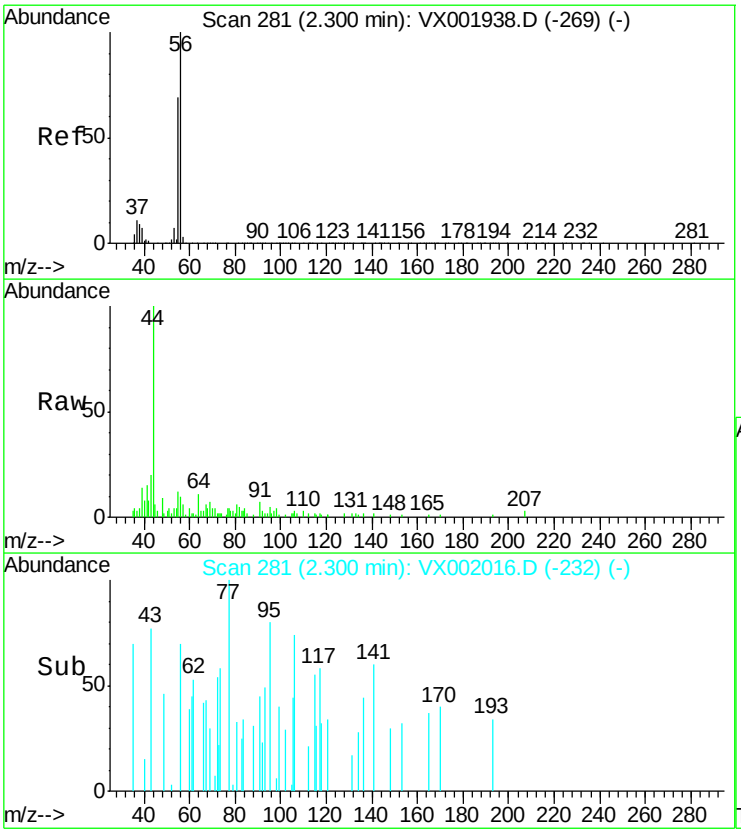
#11
Tert butyl alcohol
Concen: 1.61 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1791

Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.9	13.3#

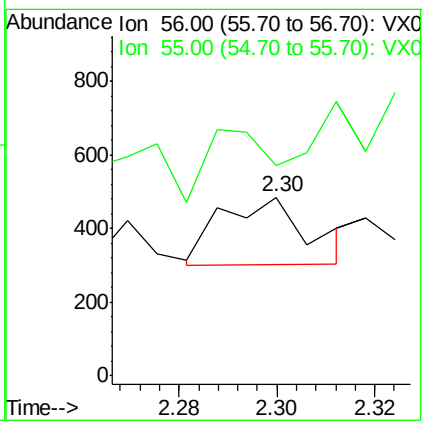


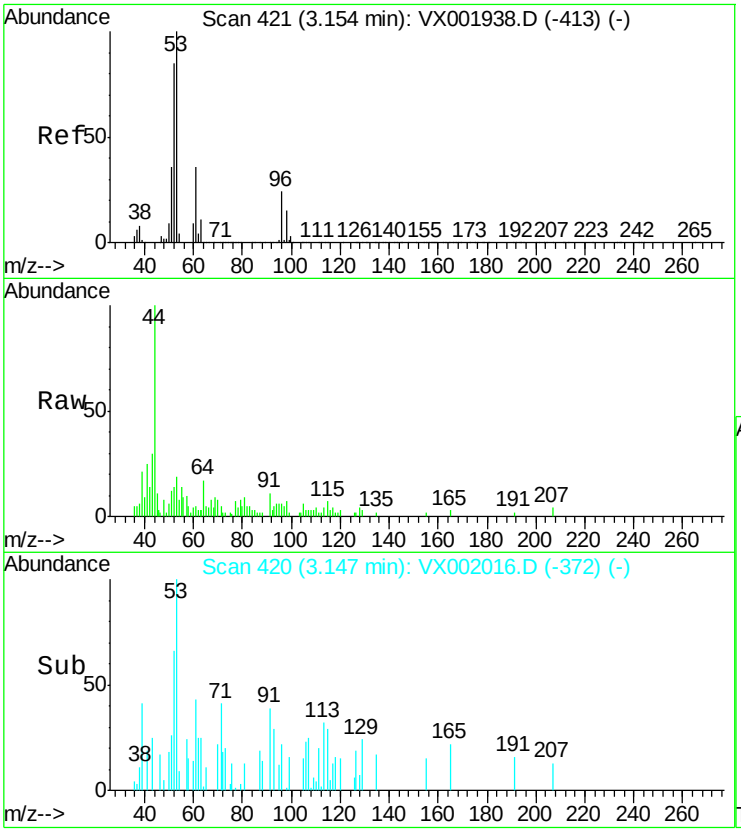


#13
Acrolein
Concen: 0.47 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 56 Resp: 225

Ion	Ratio	Lower	Upper
56	100		
55	80.0	56.8	85.2



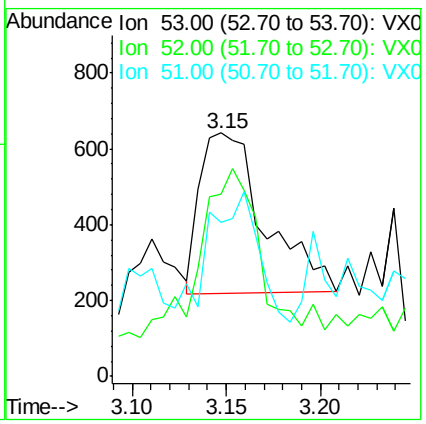


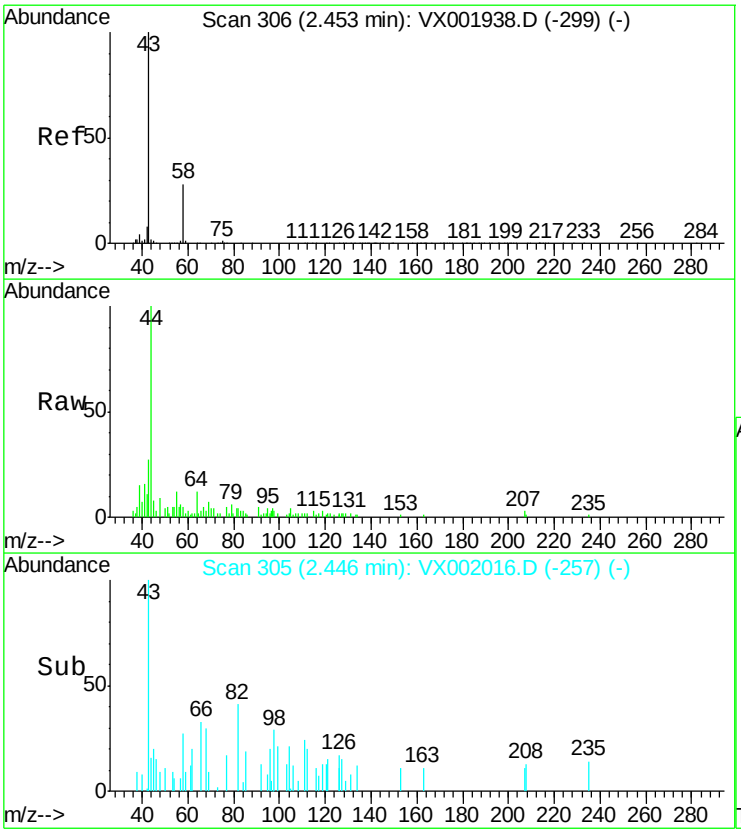
#15
Acrylonitrile
Concen: 0.44 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 1014

Ion	Ratio	Lower	Upper
53	100		
52	110.8	66.4	99.6#
51	63.9	29.3	43.9#

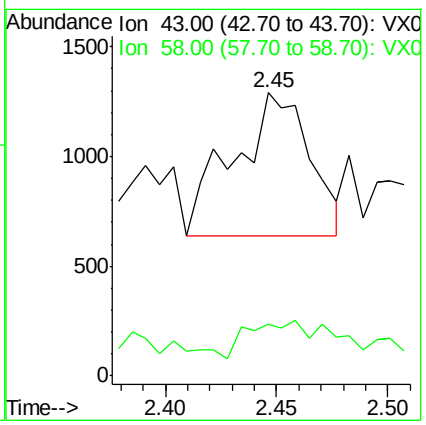


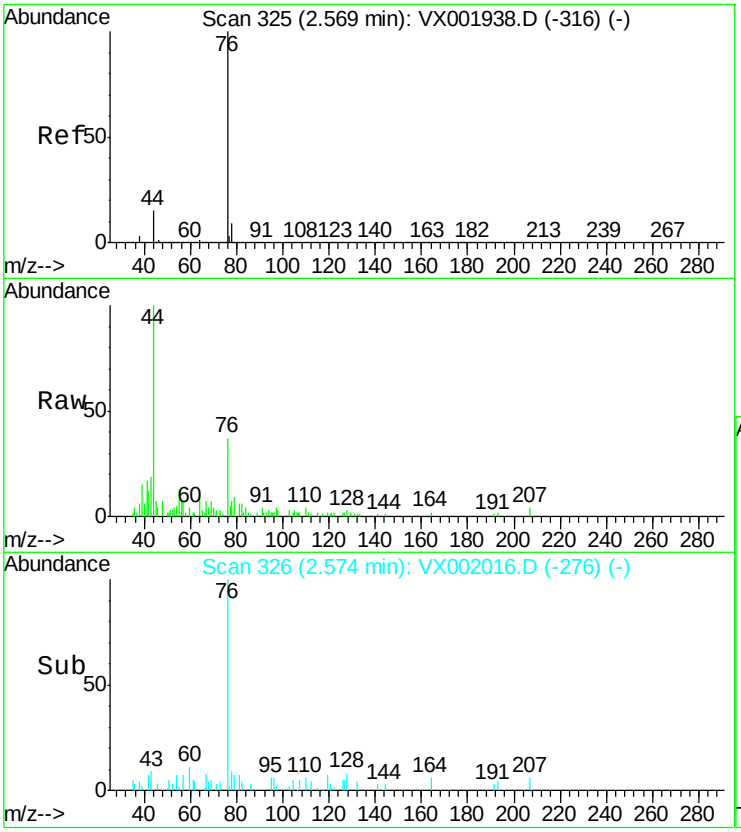


#16
Acetone
Concen: 0.71 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 43 Resp: 1557

Ion	Ratio	Lower	Upper
43	100		
58	18.1	22.3	33.5#



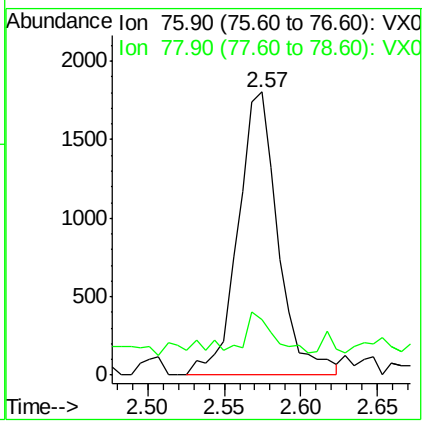


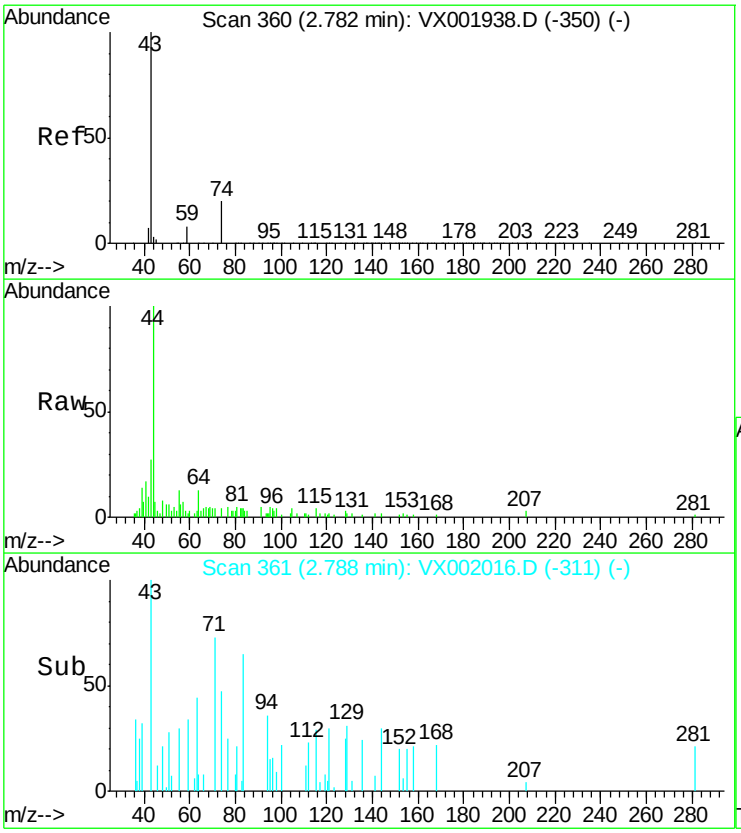
#17
Carbon Disulfide
Concen: 0.31 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3290

Ion	Ratio	Lower	Upper
76	100		
78	11.0	7.4	11.2

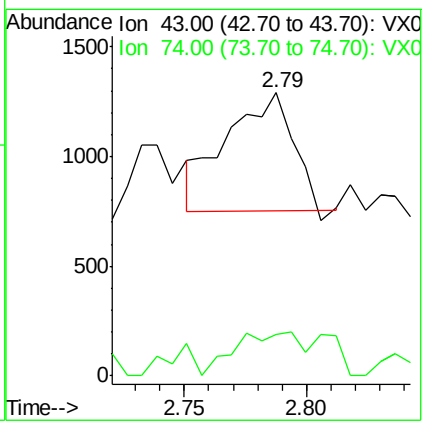


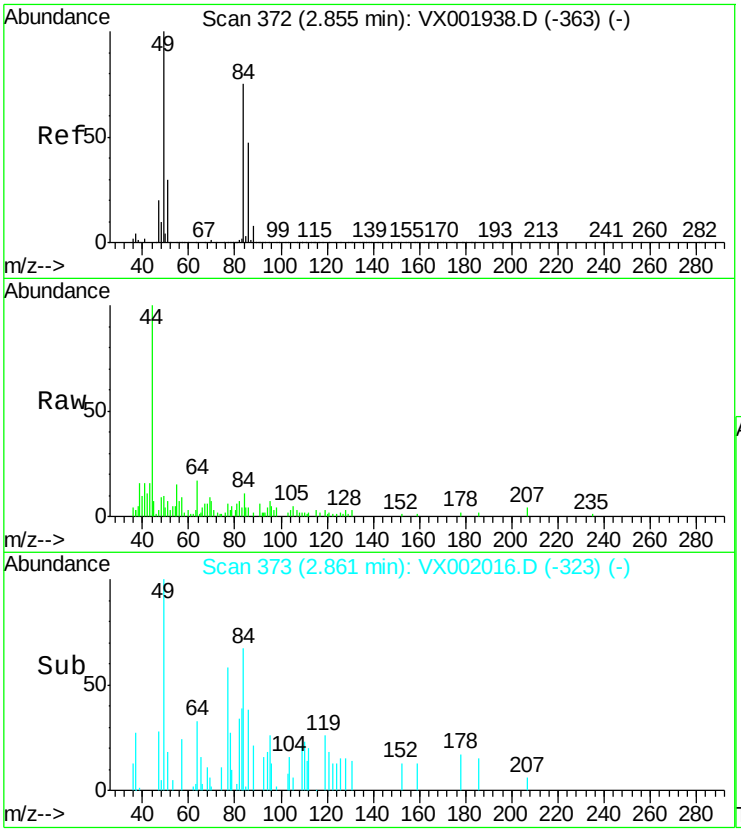


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 43 Resp: 1011

Ion	Ratio	Lower	Upper
43	100		
74	50.9	16.8	25.2#



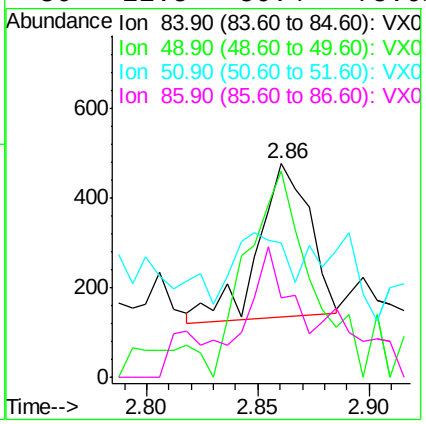


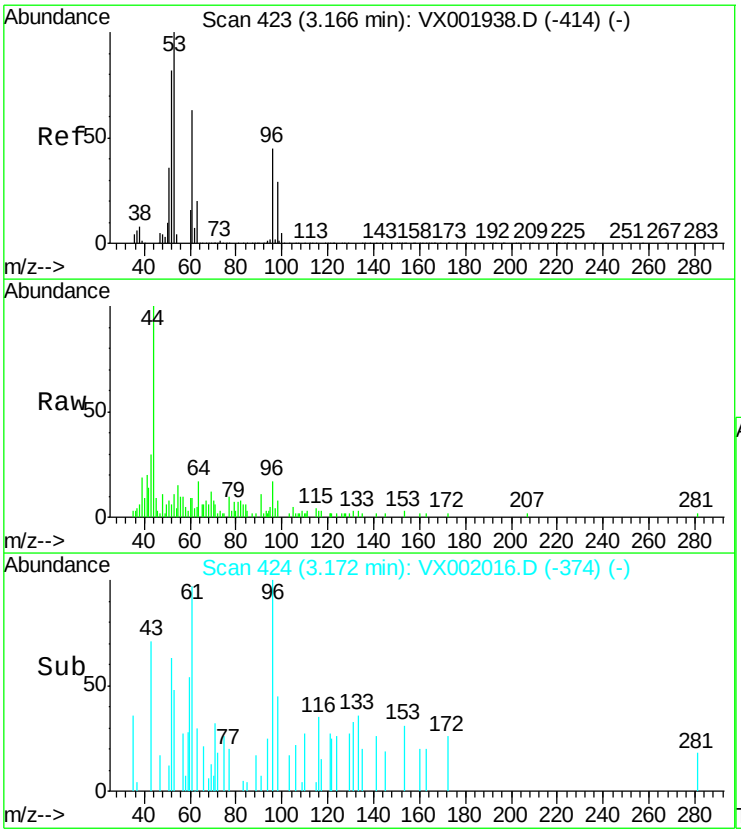
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 551

Ion	Ratio	Lower	Upper
84	100		
49	116.5	107.2	160.8
51	25.1	32.4	48.6#
86	22.5	50.4	75.6#

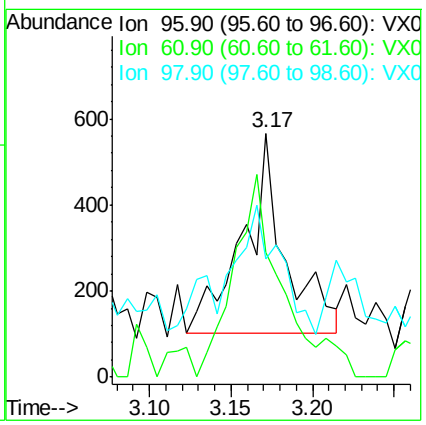


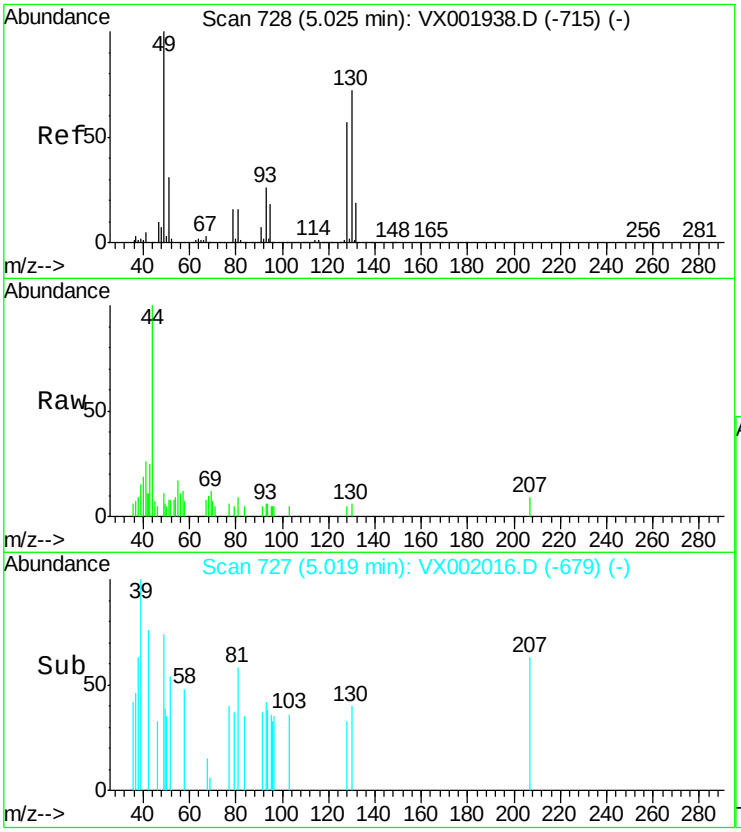


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 96 Resp: 825

Ion	Ratio	Lower	Upper
96	100		
61	47.7	113.3	169.9#
98	25.1	51.7	77.5#



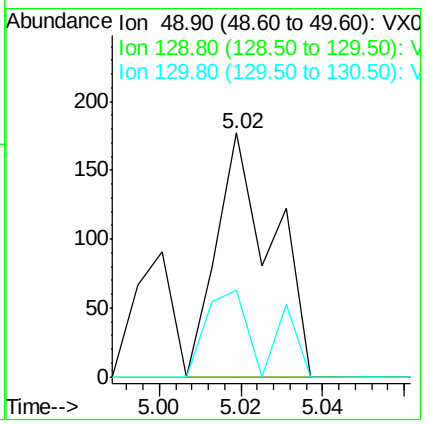


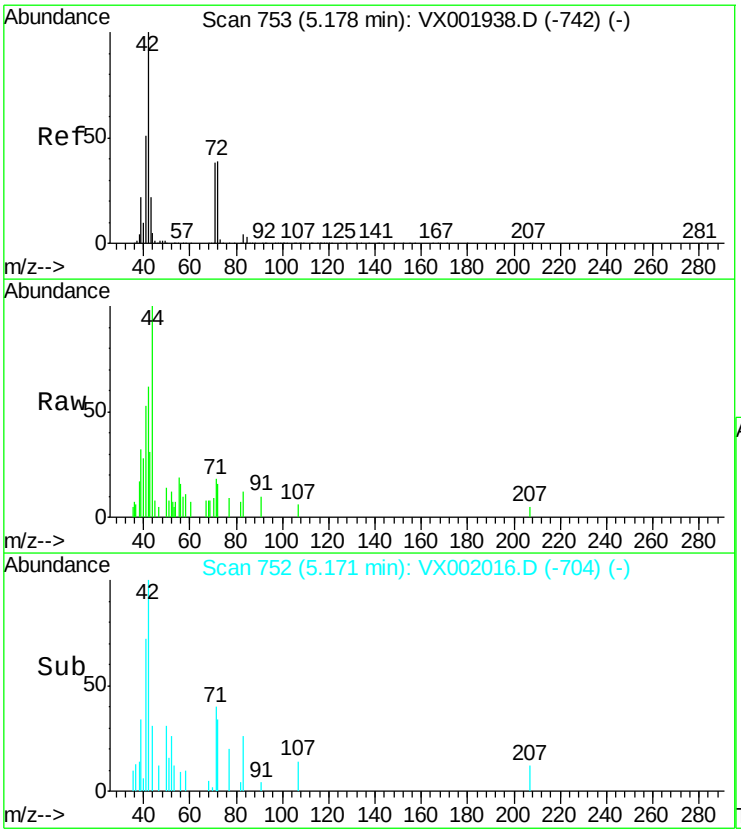
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 168

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	37.5	59.4	89.2#

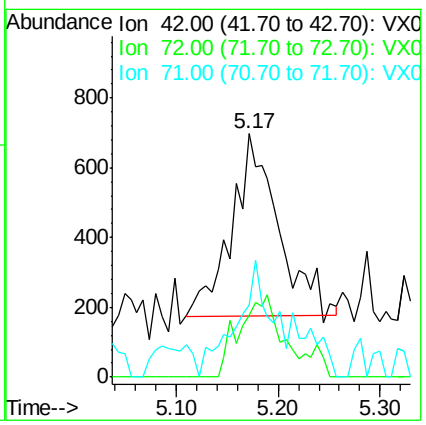


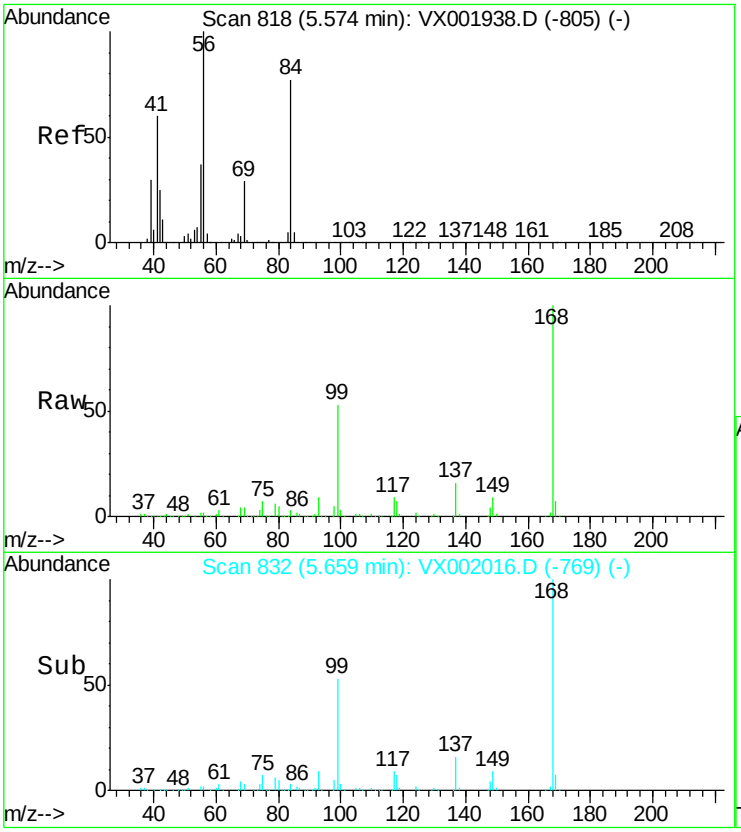


#29
Tetrahydrofuran
Concen: 0.64 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 42 Resp: 1662

Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.4	47.0
71	47.5	29.5	44.3#



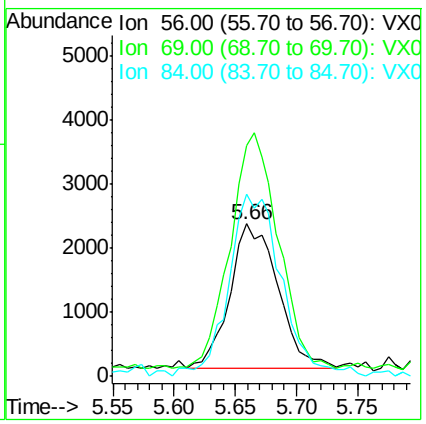


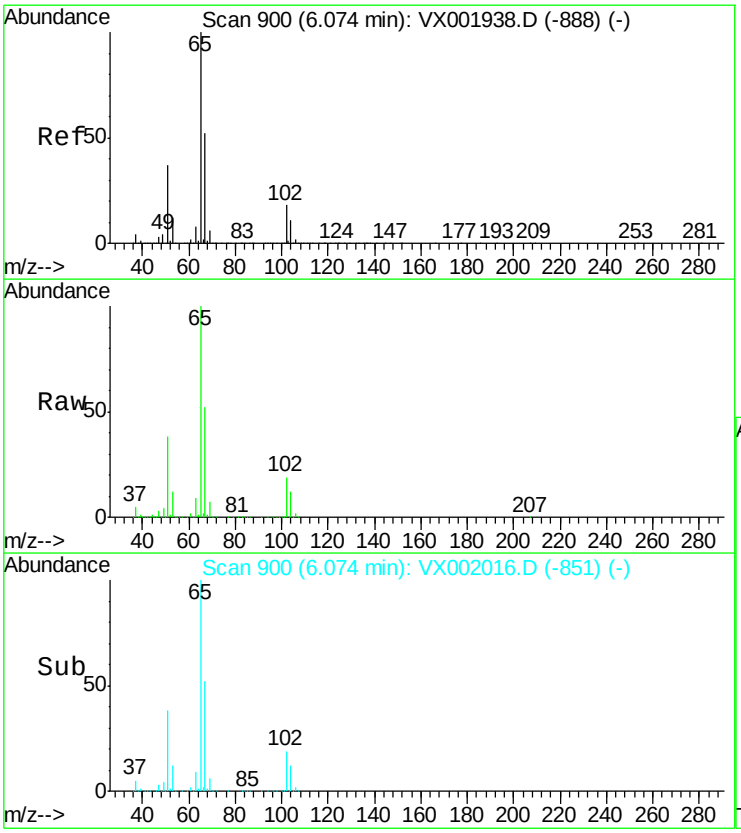
#31
Cyclohexane
Concen: 0.78 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 6134

Ion	Ratio	Lower	Upper
56	100		
69	155.0	23.1	34.7#
84	122.1	62.0	93.0#

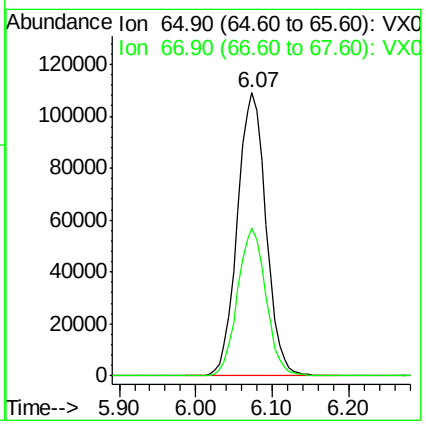


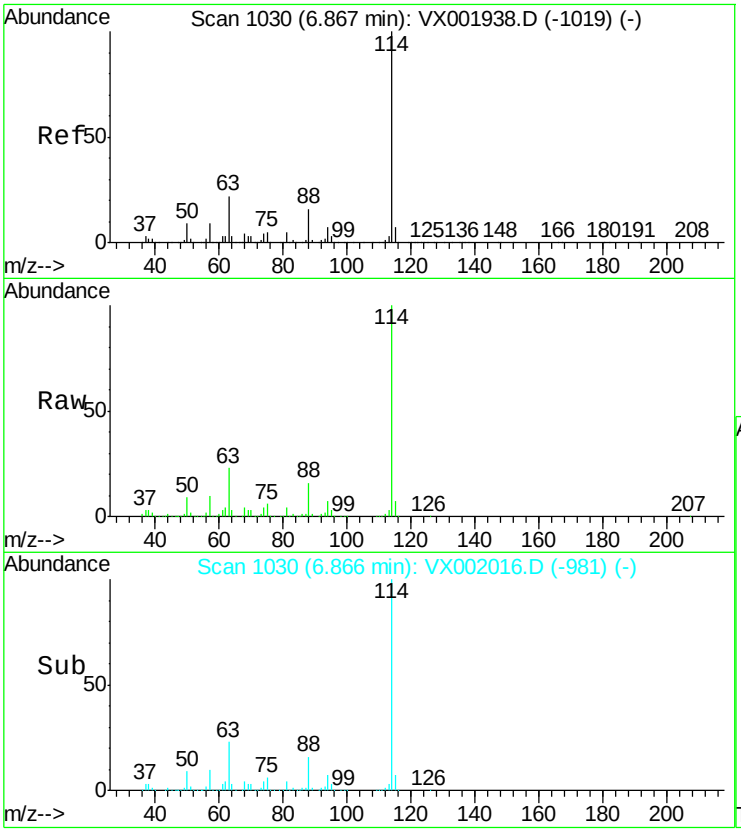


#33
1,2-Dichloroethane-d4
Concen: 49.87 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 65 Resp: 283475

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0



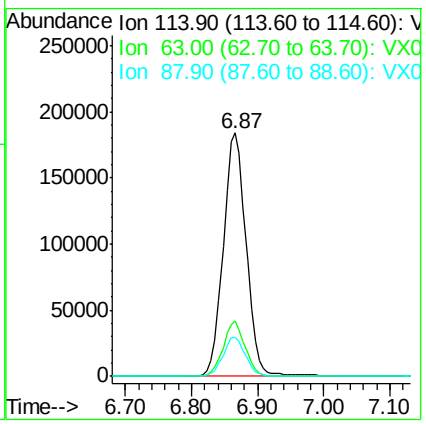


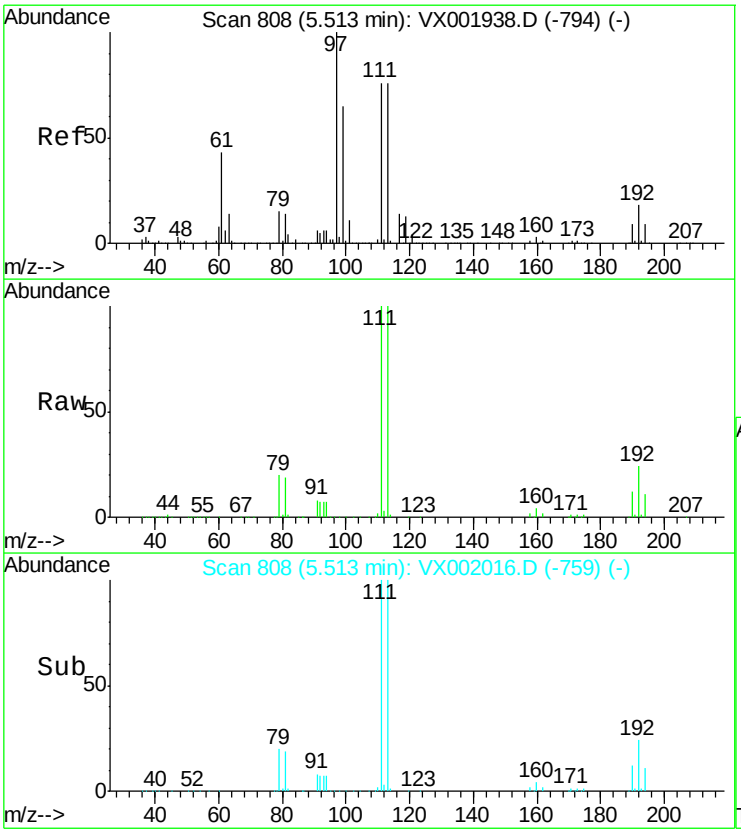
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 441571

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.2
88	15.9	0.0	31.6

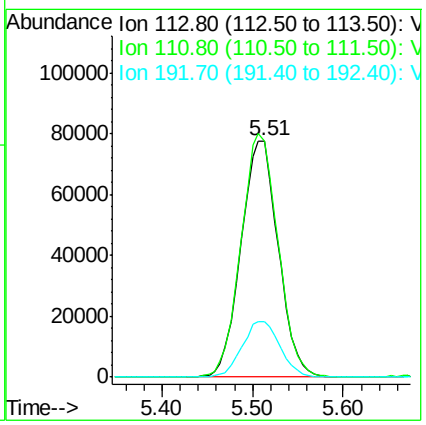


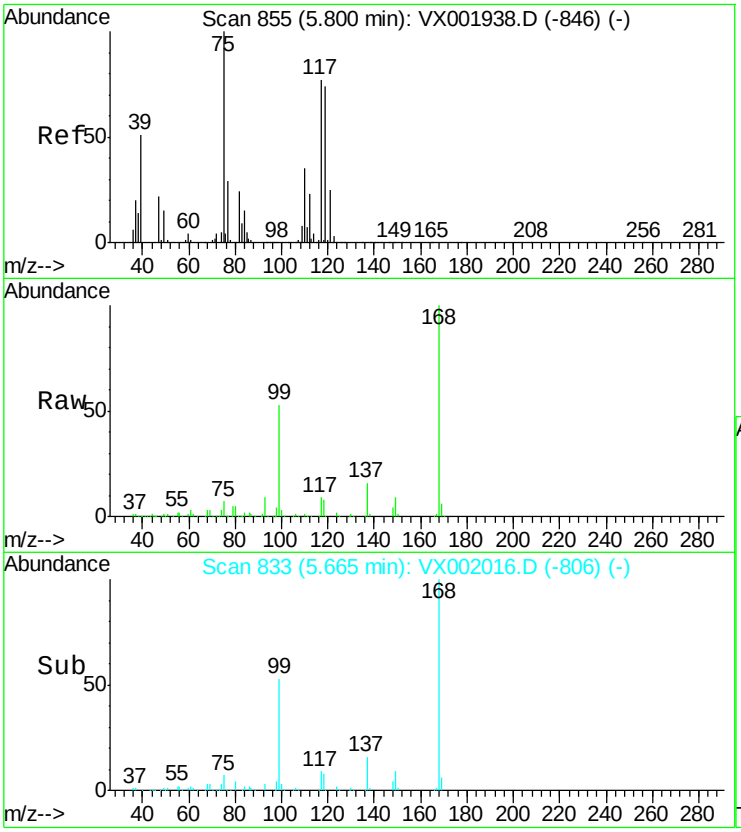


#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:113 Resp: 221335

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	24.0	18.9	28.3



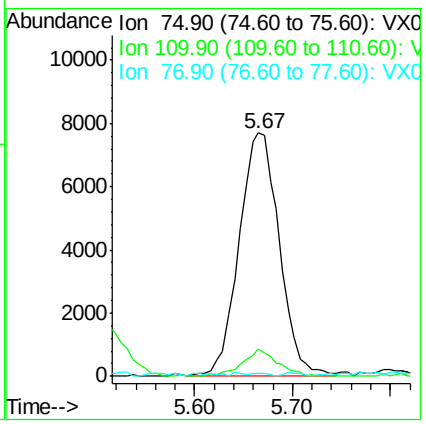


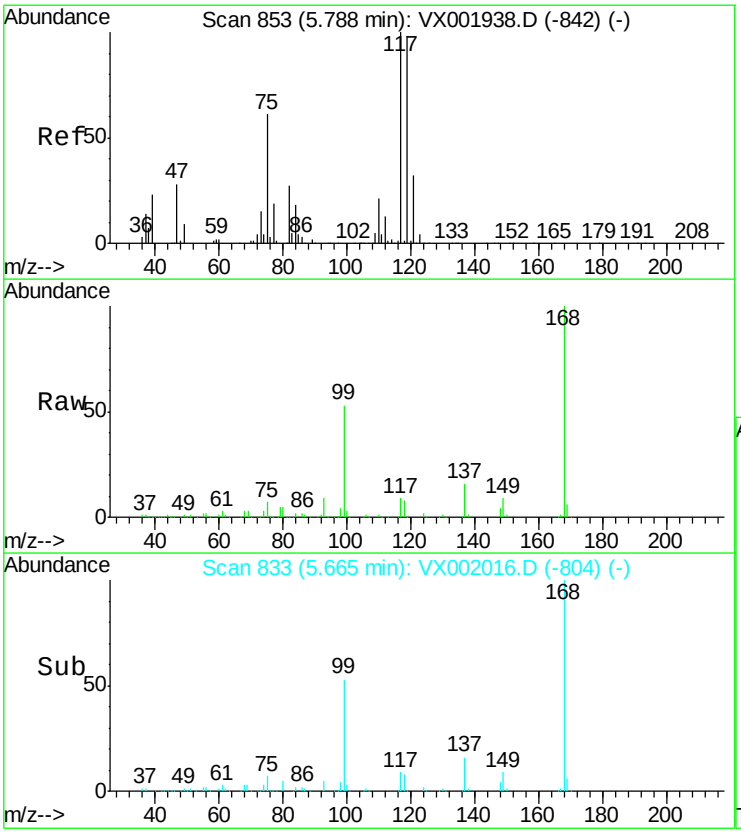
#36
1,1-Dichloropropene
Concen: 3.58 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 21981

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.4	52.2#
77	0.6	24.4	36.6#

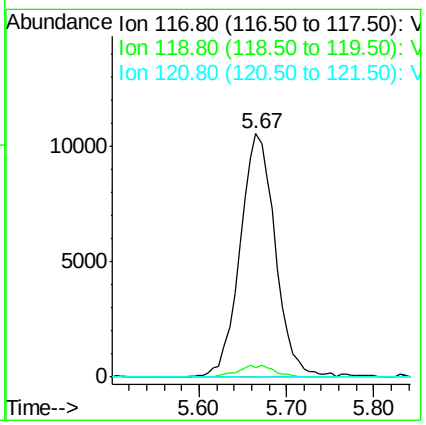


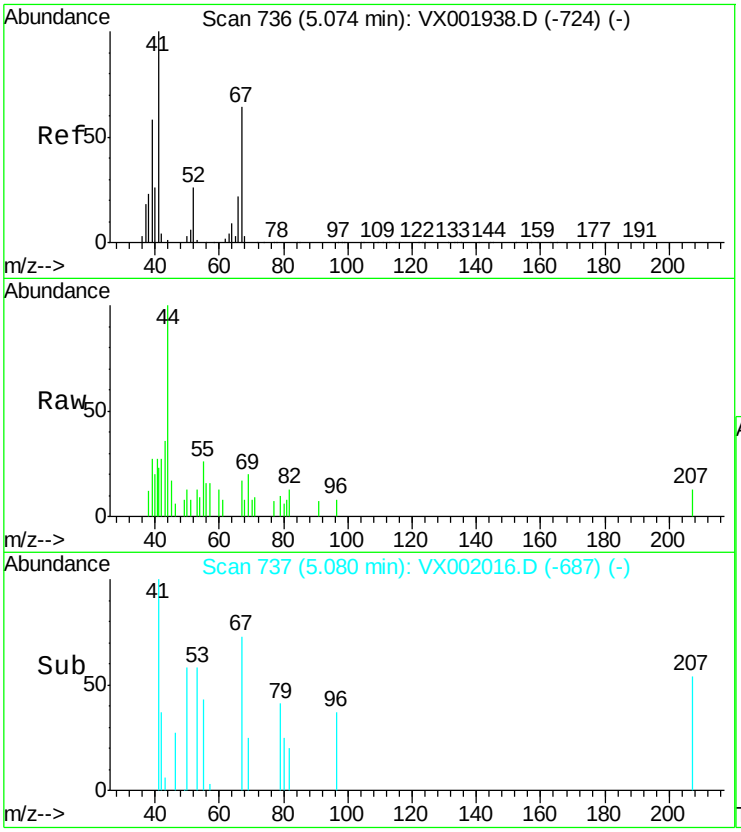


#38
Carbon Tetrachloride
Concen: 4.11 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:117 Resp: 29463

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.5	117.7#
121	0.0	25.5	38.3#



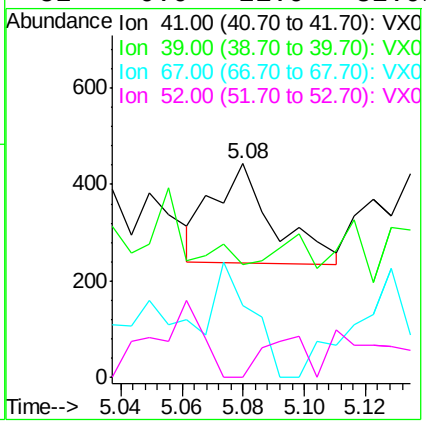


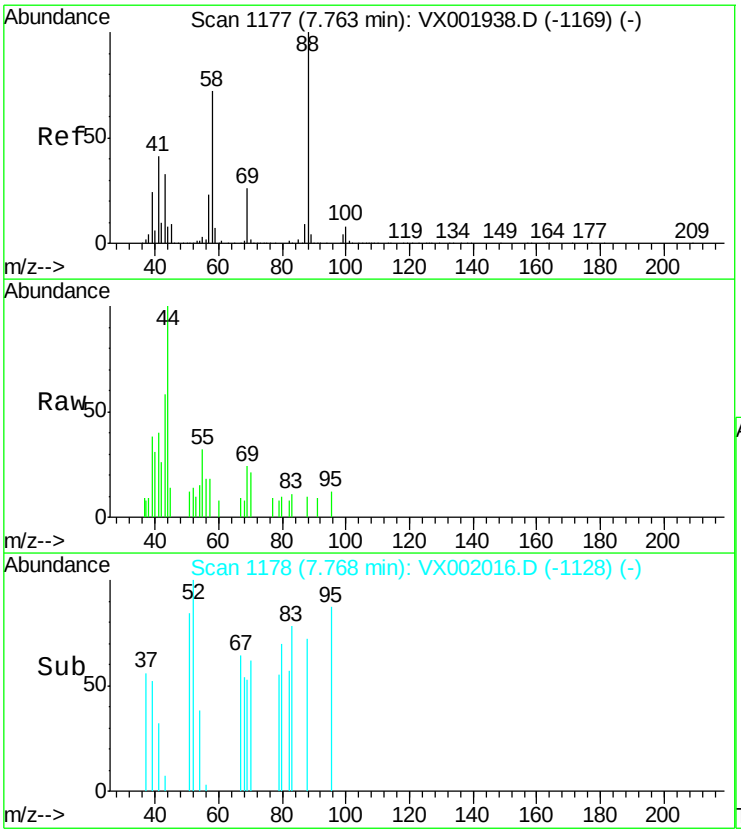
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 283

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	66.8	50.6	75.8
52	0.0	21.9	32.9#

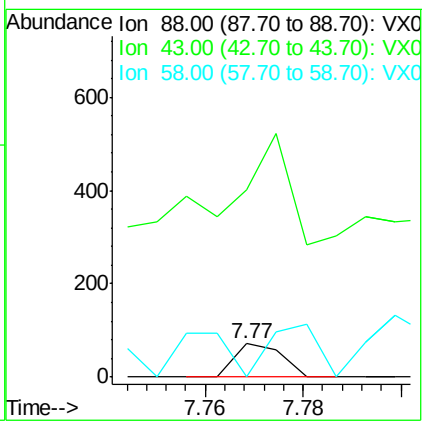


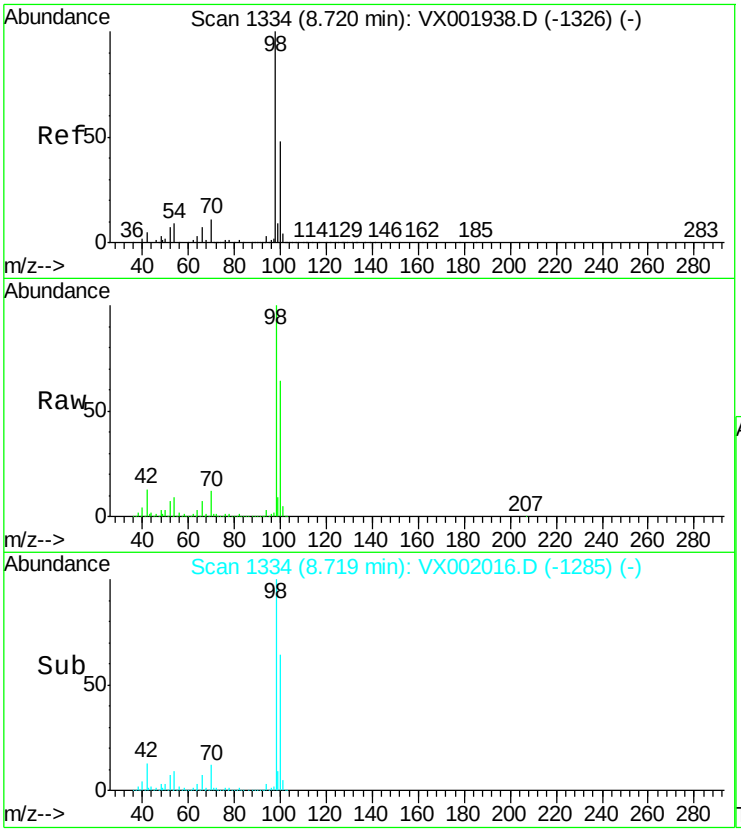


#49
1,4-Dioxane
Concen: 0.39 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 88 Resp: 47

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.8#
58	146.8	58.7	88.1#



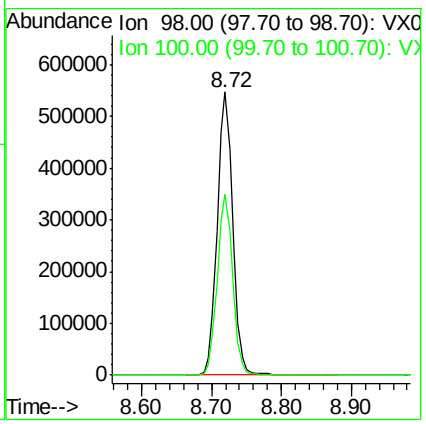


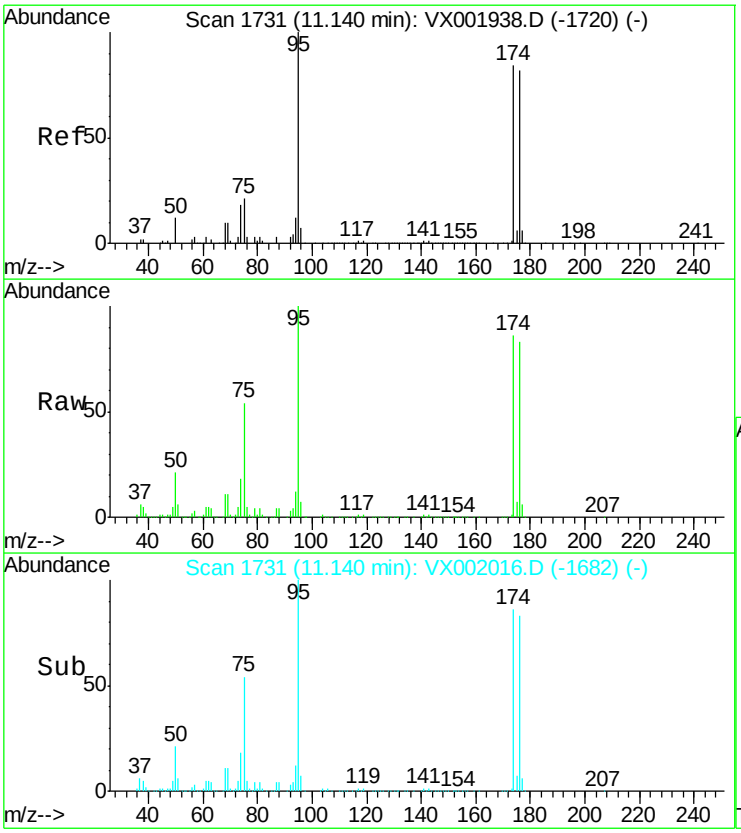
#50
Toluene-d8
Concen: 52.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 843342

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3

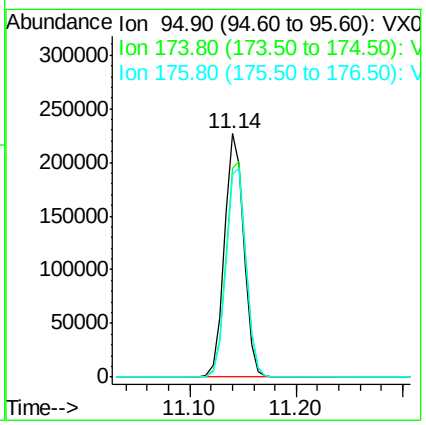


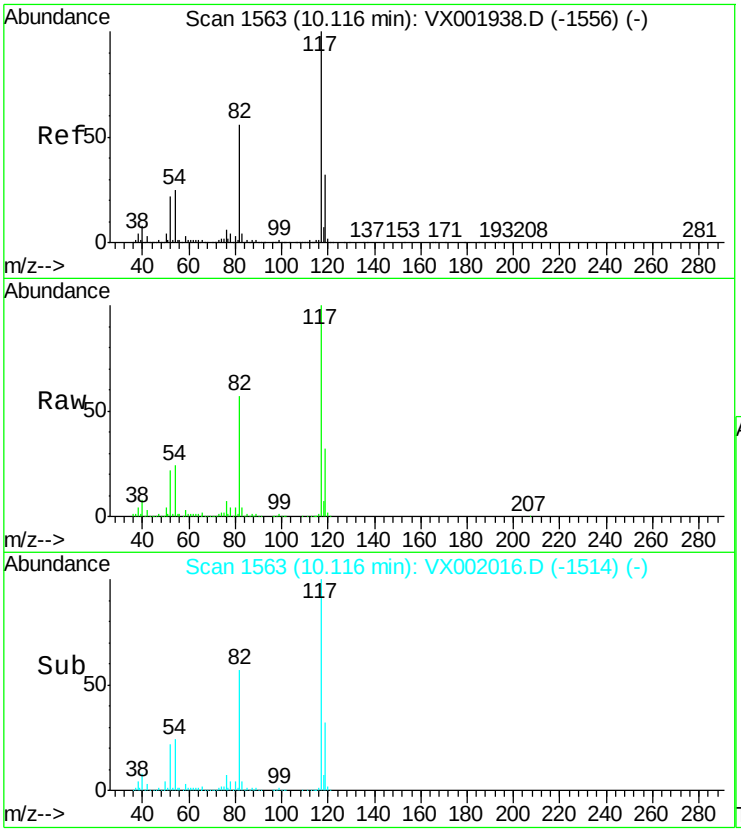


#62
4-Bromofluorobenzene
Concen: 46.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 95 Resp: 289011

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	178.8
176	88.1	0.0	175.6



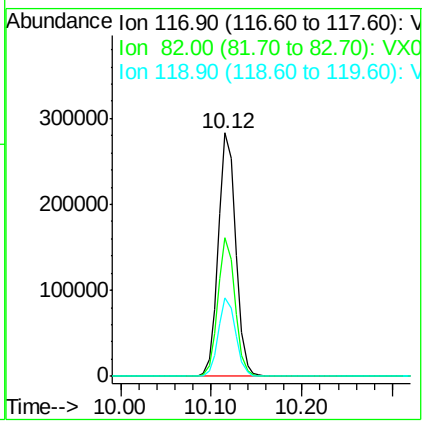


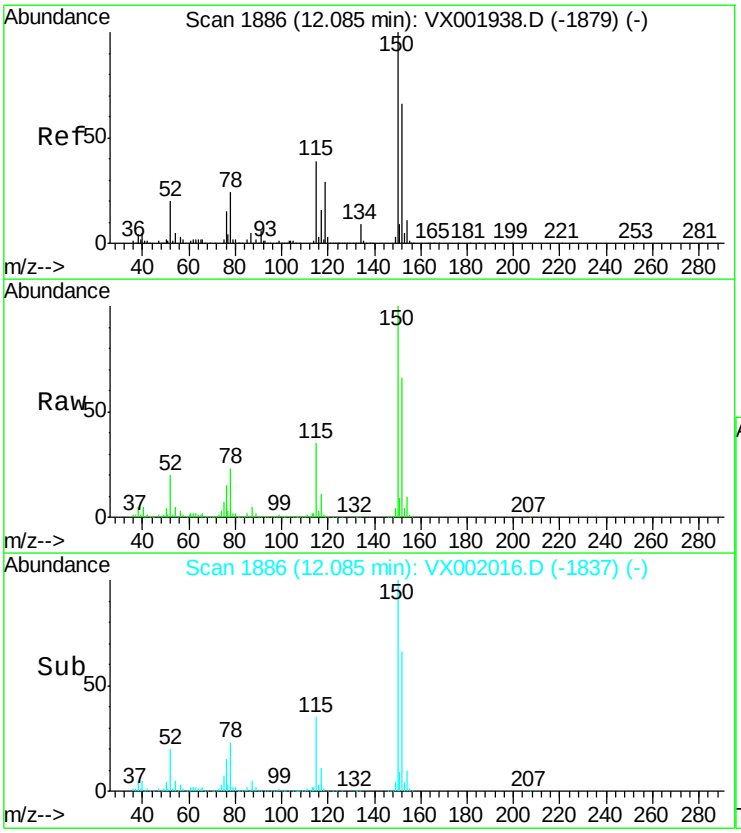
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 381002

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.8	67.2
119	32.2	25.5	38.3

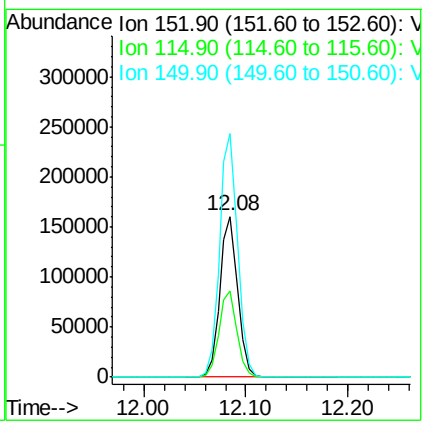


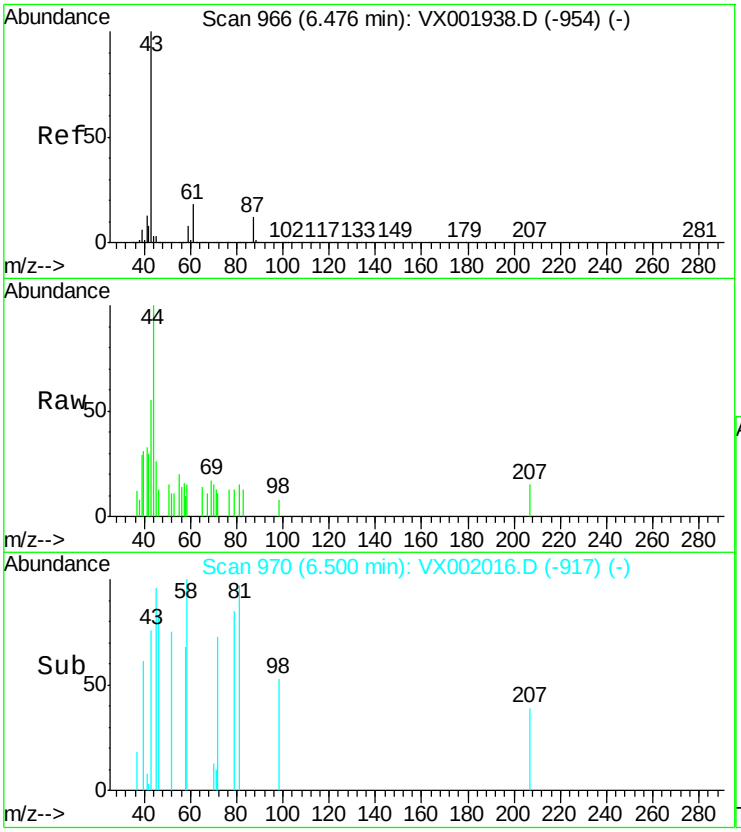


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:152 Resp: 194201

Ion	Ratio	Lower	Upper
152	100		
115	54.4	42.3	126.8
150	154.4	0.0	351.0



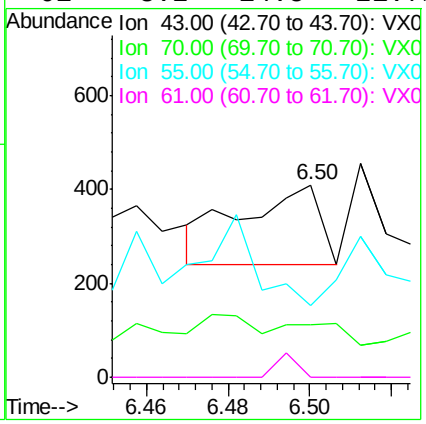


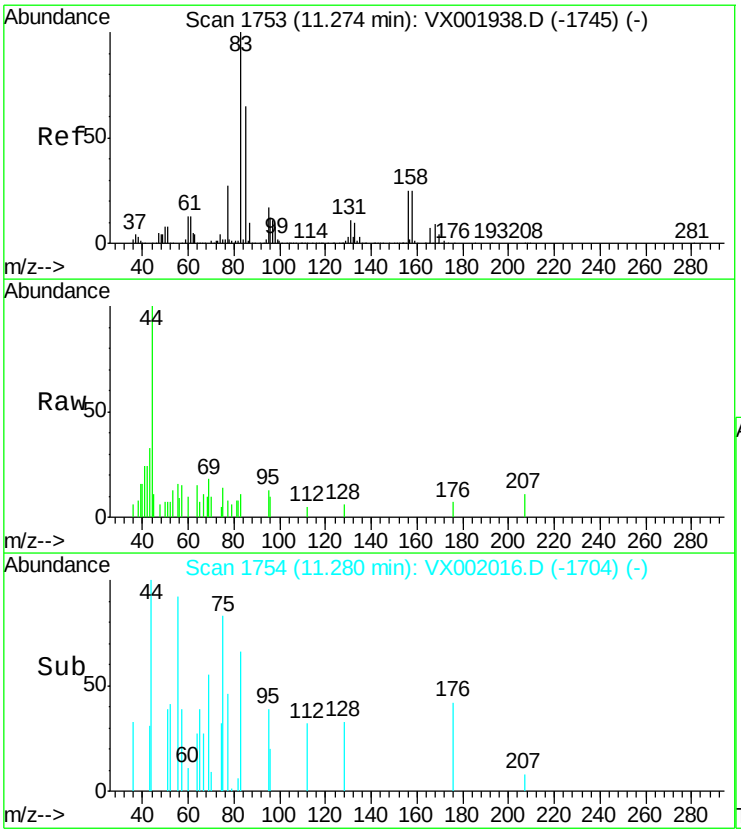
#74
N-amyl acetate
Concen: Below Cal
RT: 6.50 min Scan# 970
Delta R.T. 0.02 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 231

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	0.0	0.1	0.1#
61	8.2	14.5	21.7#

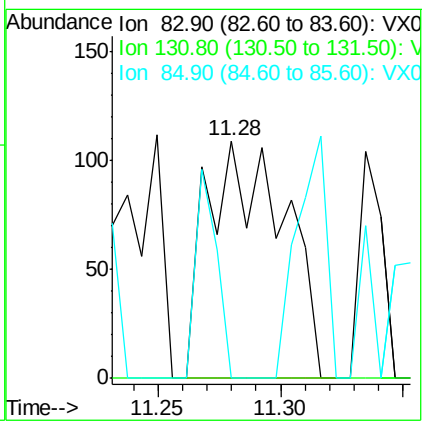


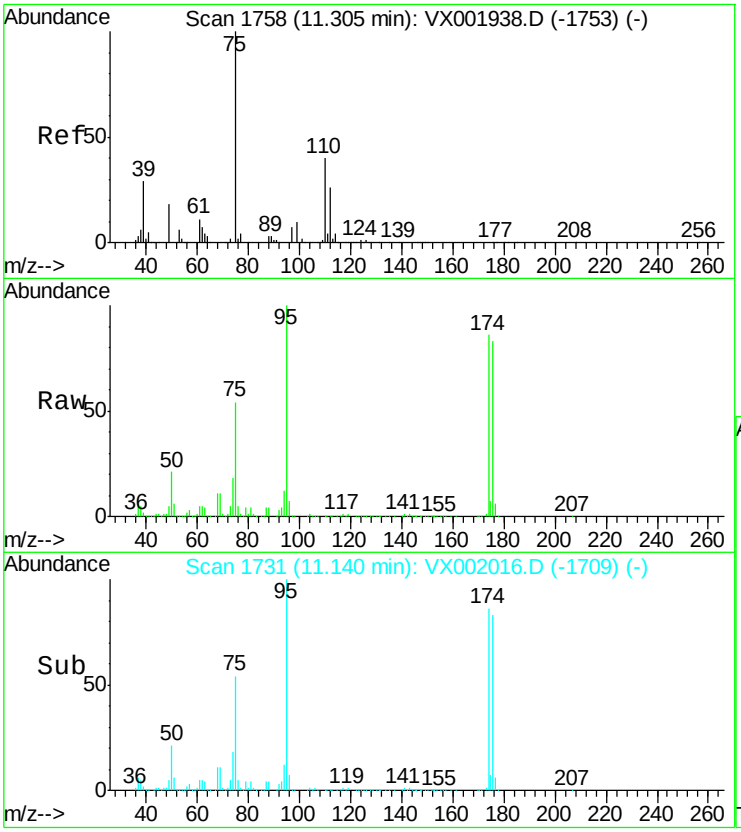


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.28 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 83 Resp: 239

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	23.8	32.6	97.7#



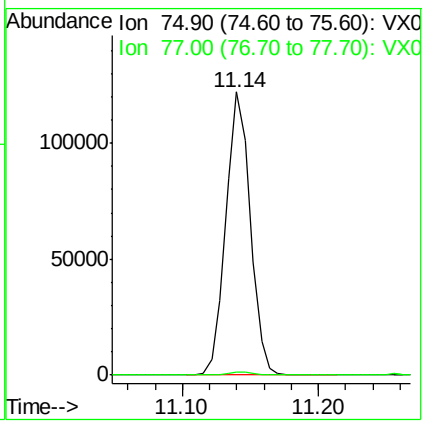


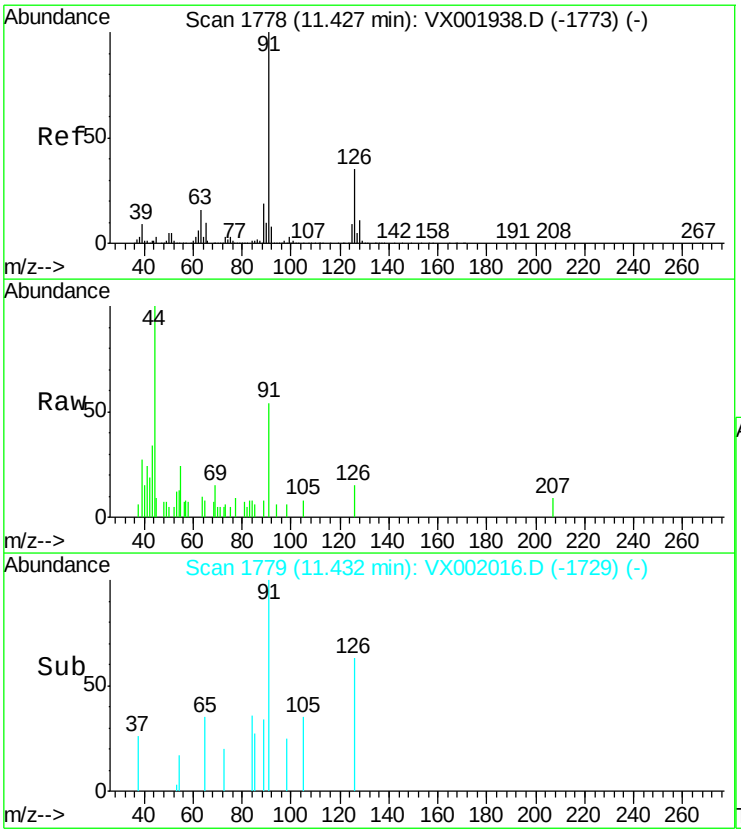
#76
1,2,3-Trichloropropane
Concen: 32.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.17 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 152151

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

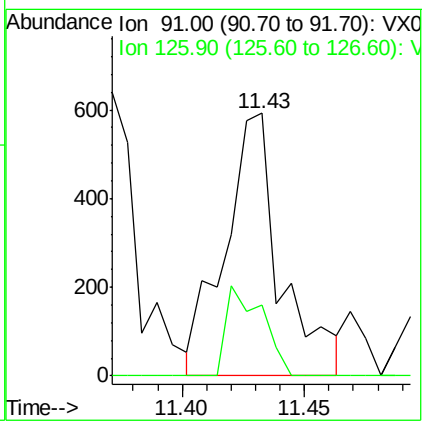


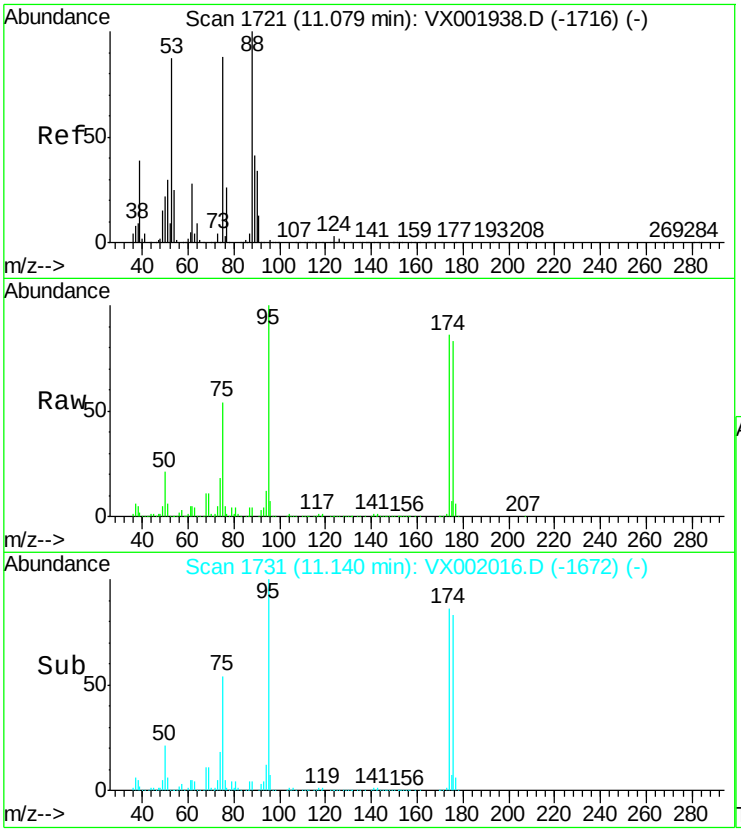


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion: 91 Resp: 937

Ion	Ratio	Lower	Upper
91	100		
126	22.4	17.4	52.2



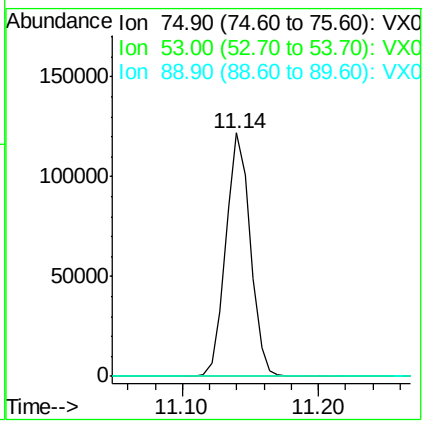


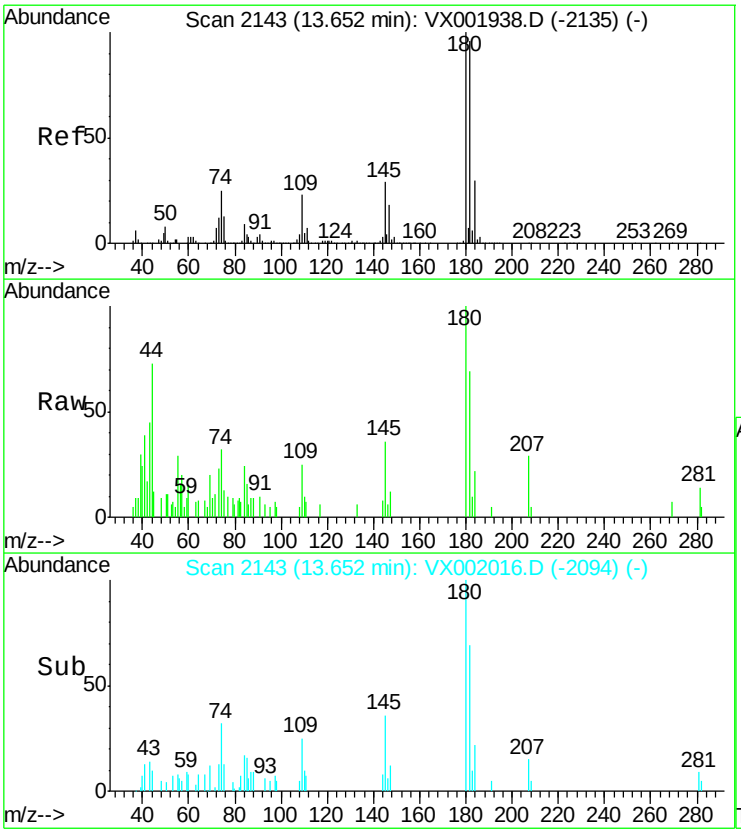
#81
trans-1,4-Dichloro-2-butene
Concen: 78.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 152151

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.0	117.0#
89	0.0	39.4	59.2#

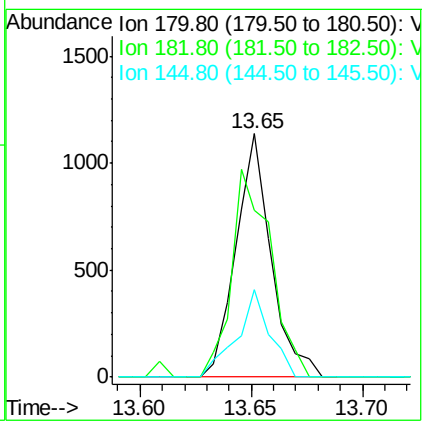


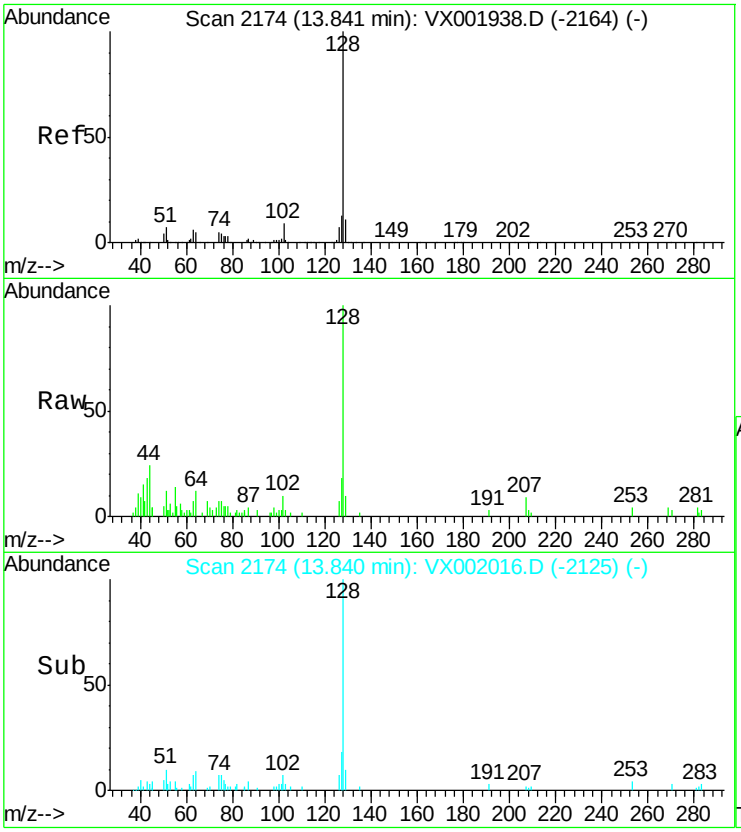


#93
1,2,4-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:180 Resp: 1255

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	33.6	14.4	43.0



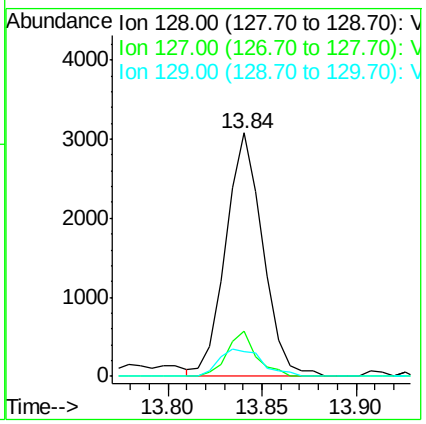


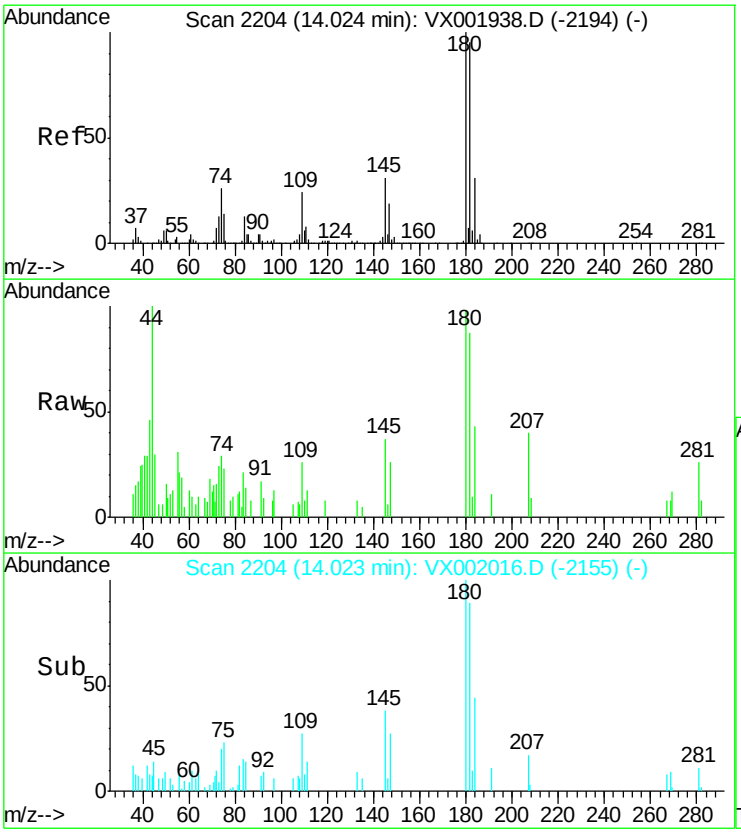
#95
Naphthalene
Concen: 0.24 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4208

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	13.1	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.21 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002016.D
Acq: 26 May 2018 13:35

Tgt Ion:180 Resp: 1263

Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.9	143.6
145	34.4	15.1	45.3