Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\

Quantitation Report (Not Reviewed)

Data File : VX001722.D
Acq On : 14 May 2018 21:23
Operator : JC/MD
Sample : J2833-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB050918

Quant Time: May 15 05:38:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	281748	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	375009	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	322827	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186469	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	170122	45.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.10%				
35) Dibromofluoromethane	5.51	113	137986	43.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.20%				
50) Toluene-d8	8.72	98	510690	45.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.12%				
62) 4-Bromofluorobenzene	11.14	95	167682	41.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.18%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	658	0.22	ug/l		95
5) Bromomethane	1.65	94	1105	Below Cal			98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	631	0.22	ug/l		89
10) Methyl Iodide	2.52	142	1030	0.39	ug/l	#	95
13) Acrolein	2.31	56	407	0.86	ug/l	#	24
15) Acrylonitrile	3.16	53	990	0.59	ug/l	#	80
16) Acetone	2.45	43	14483	9.76	ug/l		99
17) Carbon Disulfide	2.57	76	3953	0.54	ug/l		97
20) Methylene Chloride	2.86	84	2143	0.67	ug/l		92
21) trans-1,2-Dichloroethene	3.17	96	1048	0.34	ug/l		97
25) 2-Butanone	4.71	43	918	0.40	ug/l	#	86
29) Tetrahydrofuran	5.18	42	352	0.24	ug/l	#	28
36) 1,1-Dichloropropene	5.81	75	1162	0.27	ug/l		96
38) Carbon Tetrachloride	5.67	117	23277	5.15	ug/l	#	16
64) Tetrachloroethene	9.34	164	850	0.20	ug/l	#	78
68) m/p-Xylenes	10.37	106	1542	0.28	ug/l		97
71) Bromoform	10.87	173	167	2.98	ug/l	#	29
76) 1,2,3-Trichloropropane	11.14	75	80953	22.83	ug/l	#	39
77) Bromobenzene	11.26	156	767	0.21	ug/l		87
78) n-propylbenzene	11.37	91	3469	0.25	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.14	75	80953	66.84	ug/l	#	10
82) 4-Chlorotoluene	11.52	91	2696	0.28	ug/l		94
86) p-Isopropyltoluene	12.07	119	2493	0.22	ug/l	#	73
87) 1,3-Dichlorobenzene	12.03	146	2405	0.36	ug/l		94
88) 1,4-Dichlorobenzene	12.03	146	2405	0.35	ug/l		94
89) n-Butylbenzene	12.40	91	3681	0.37	ug/l		95
91) 1,2-Dichlorobenzene	12.40	146	1655	0.25	ug/l		97
93) 1,2,4-Trichlorobenzene	13.65	180	3216	0.61	ug/l		99
94) Hexachlorobutadiene	13.79	225	1128	0.40	ug/l		86
95) Naphthalene	13.84	128	3492	0.25	ug/l		96
96) 1,2,3-Trichlorobenzene	14.02	180	2044	0.38	ug/l		96

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

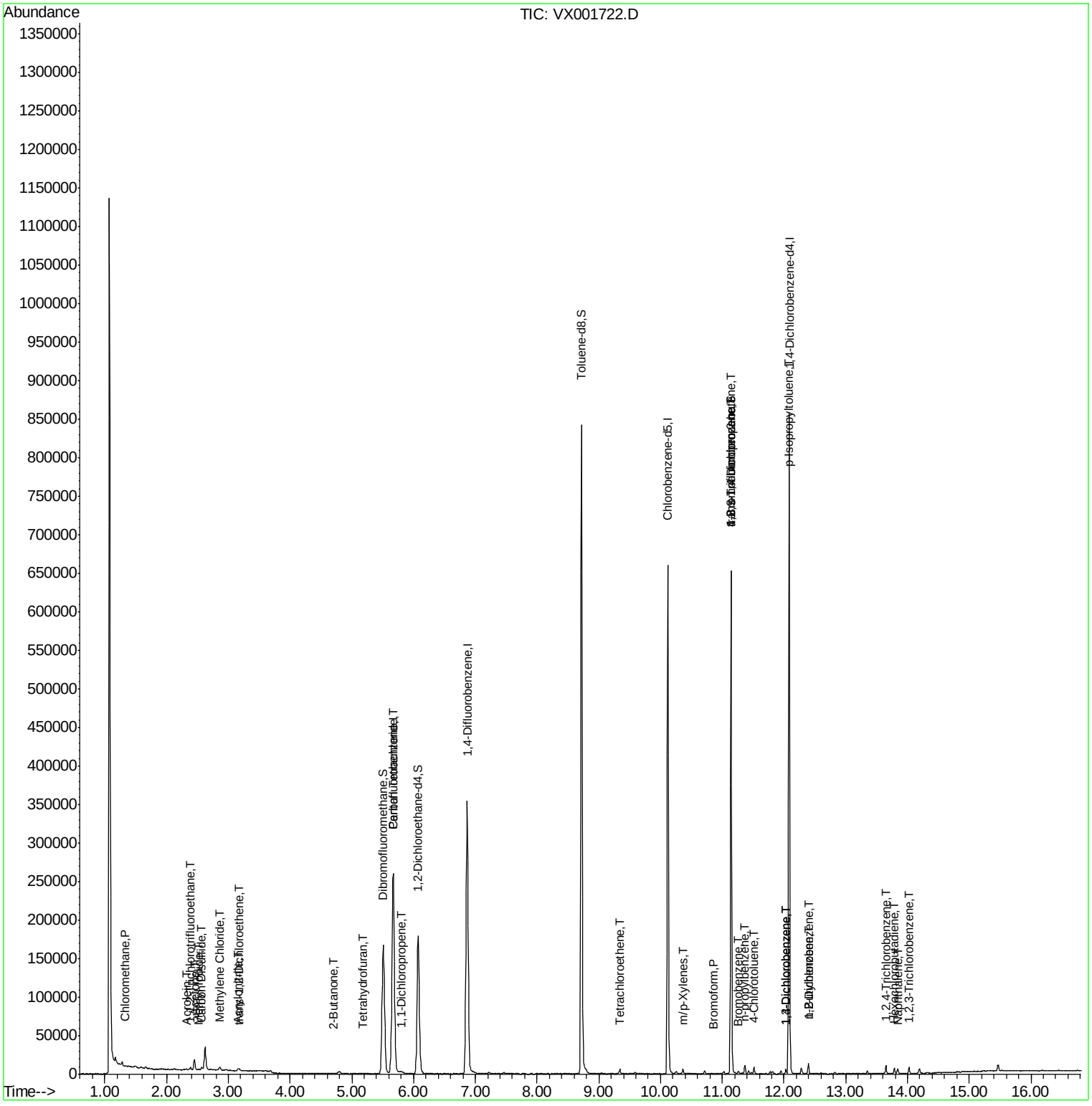
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\

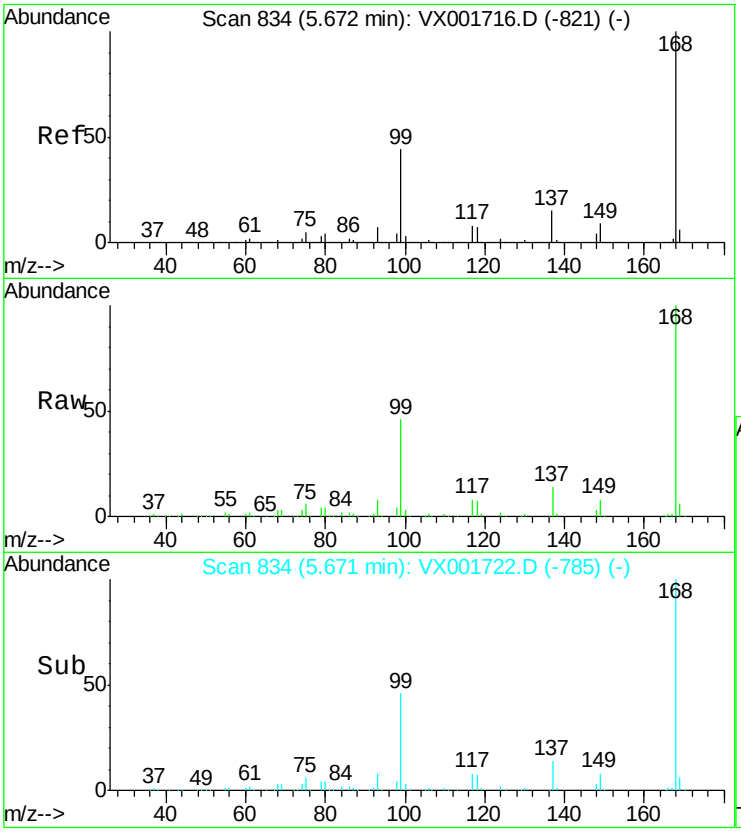
Quantitation Report (Not Reviewed)

Data File : VX001722.D
Acq On : 14 May 2018 21:23
Operator : JC/MD
Sample : J2833-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Quant Time: May 15 05:38:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration



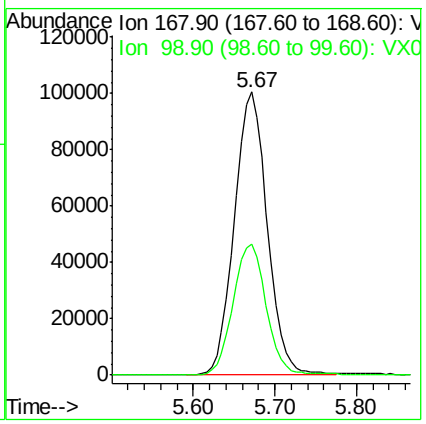


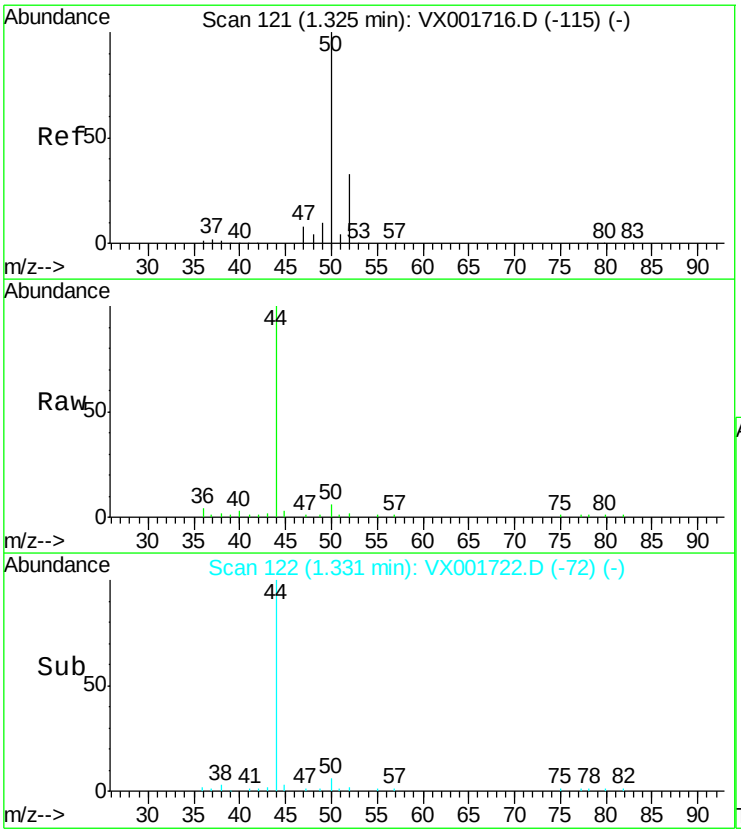
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:168 Resp: 281748

Ion	Ratio	Lower	Upper
168	100		
99	46.3	35.0	52.4

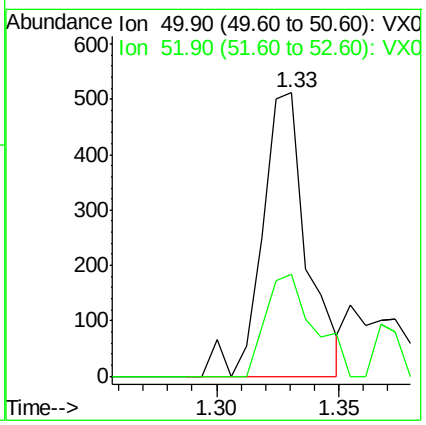


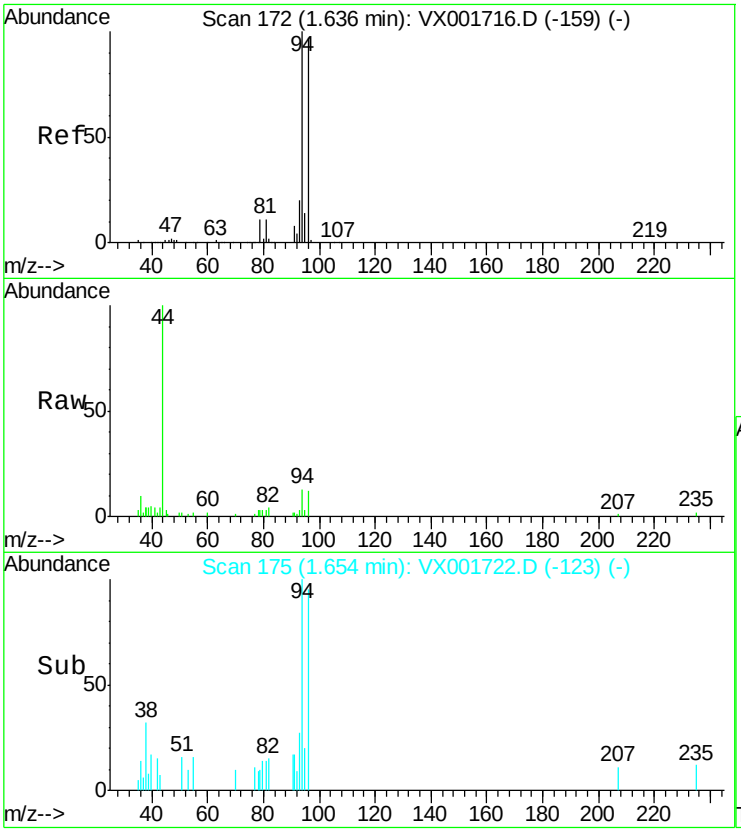


#3
Chloromethane
Concen: 0.22 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 50 Resp: 658

Ion	Ratio	Lower	Upper
50	100		
52	35.9	26.3	39.5



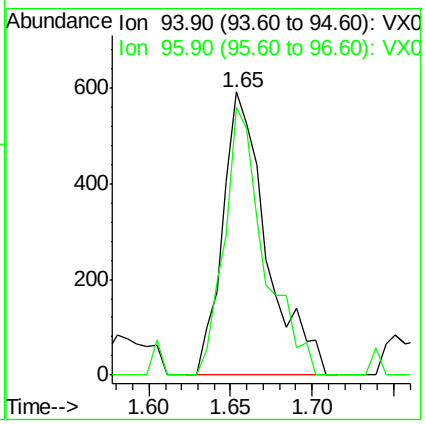


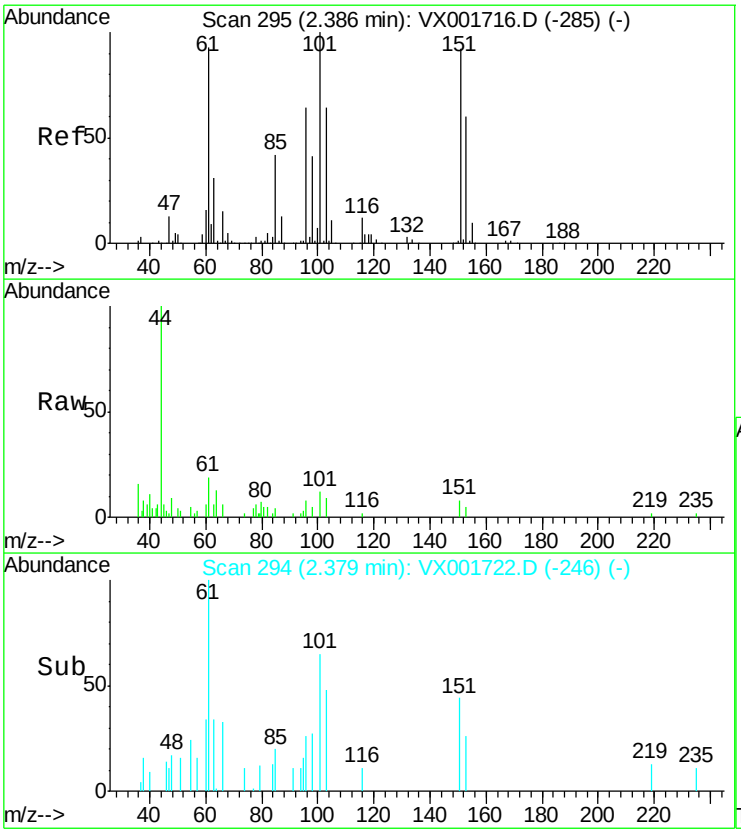
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion: 94 Resp: 1105

Ion	Ratio	Lower	Upper
94	100		
96	94.6	77.4	116.0

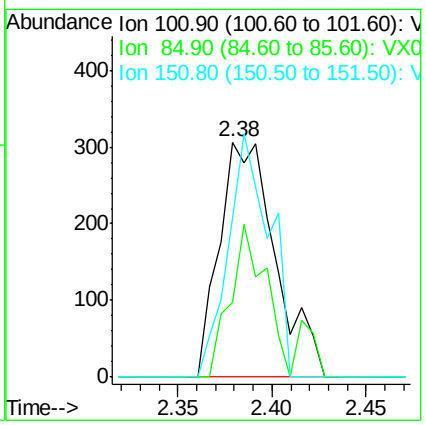


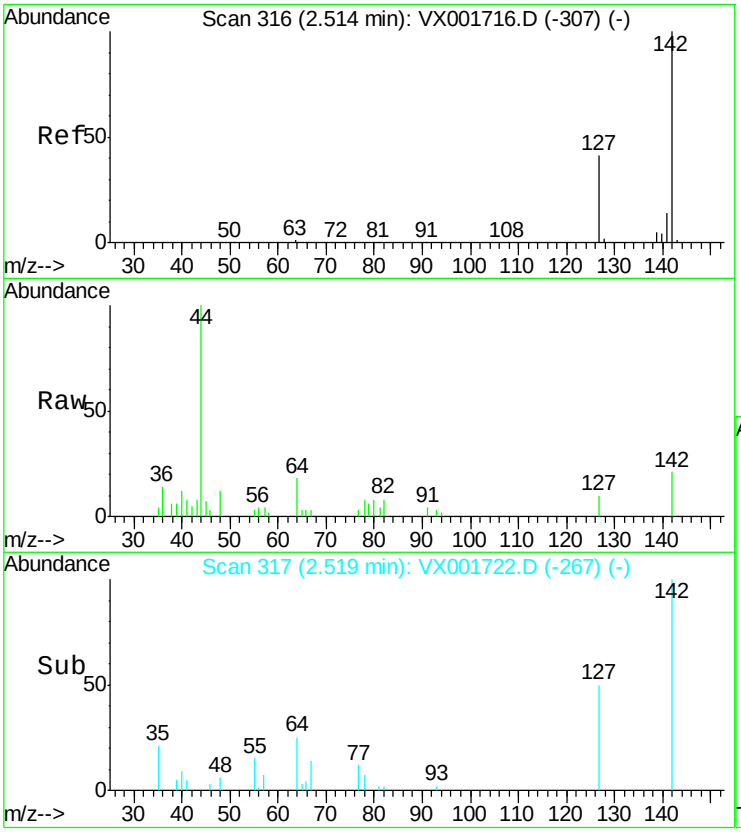


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.22 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:101 Resp: 631

Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.7	50.5
151	76.5	73.0	109.6



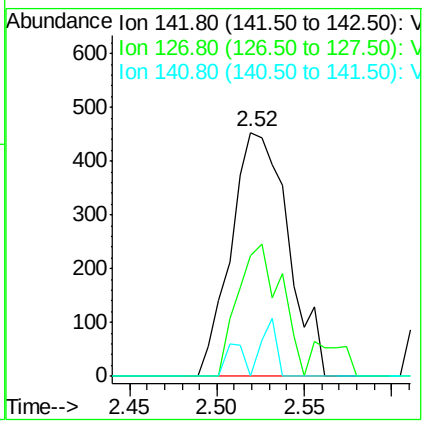


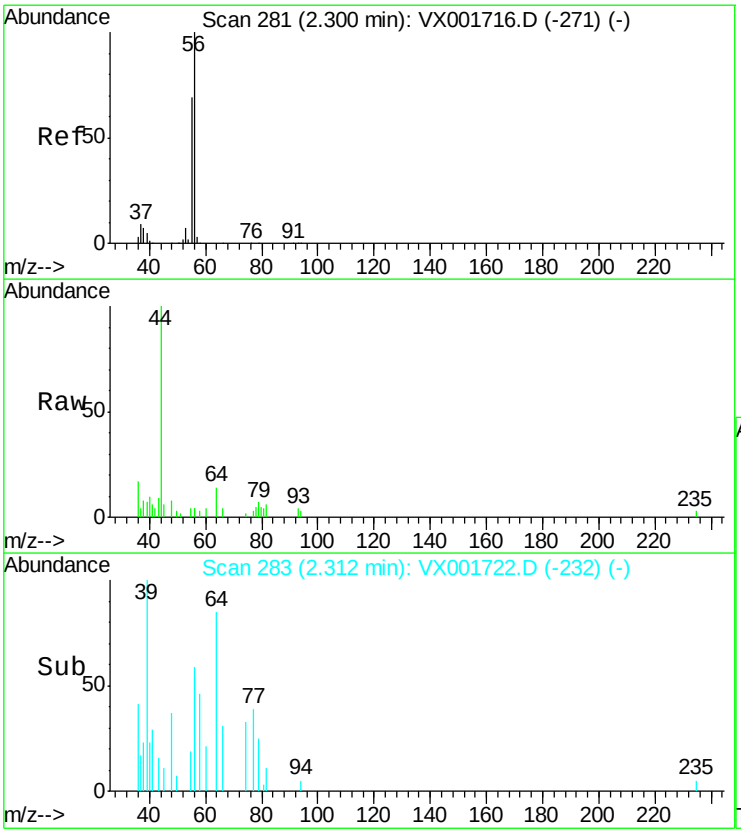
#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:142 Resp: 1030

Ion	Ratio	Lower	Upper
142	100		
127	40.9	32.5	48.7
141	6.1	11.4	17.0#

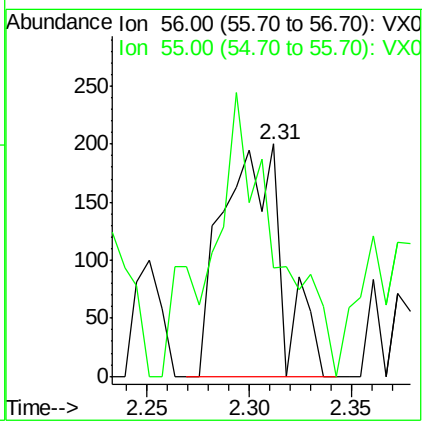


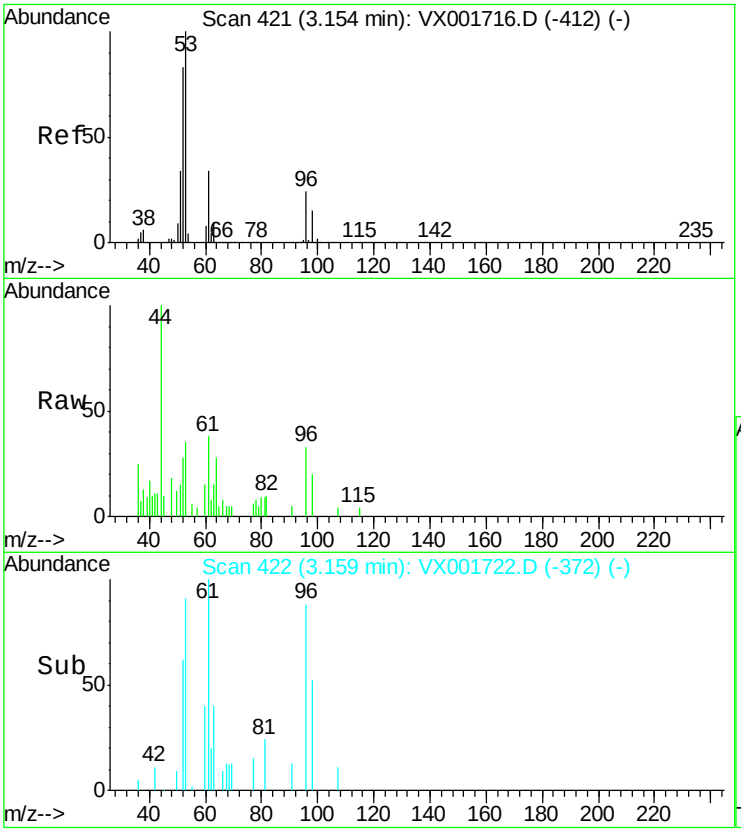


#13
Acrolein
Concen: 0.86 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 56 Resp: 407

Ion	Ratio	Lower	Upper
56	100		
55	132.7	56.2	84.2#



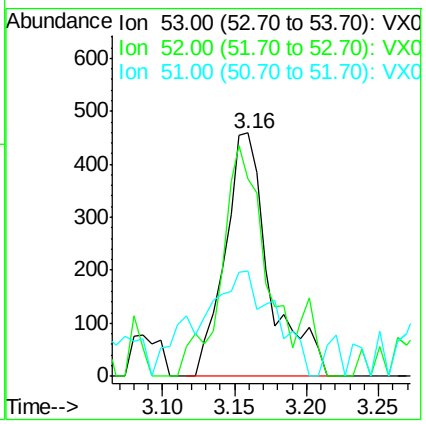


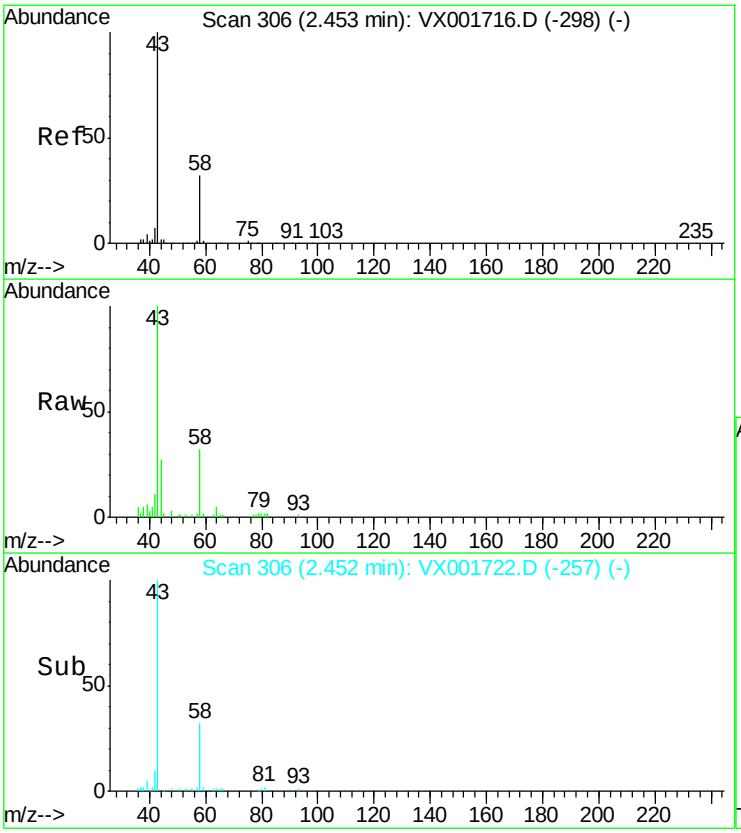
#15
Acrylonitrile
Concen: 0.59 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion: 53 Resp: 990

Ion	Ratio	Lower	Upper
53	100		
52	92.4	65.6	98.4
51	58.8	28.1	42.1#

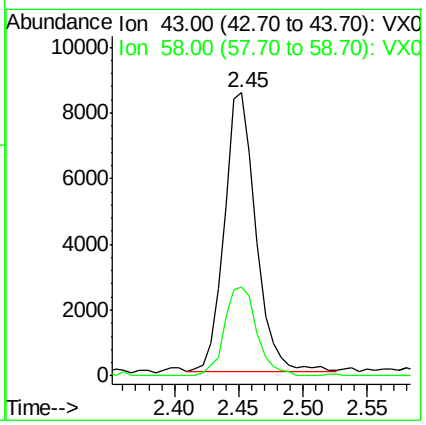


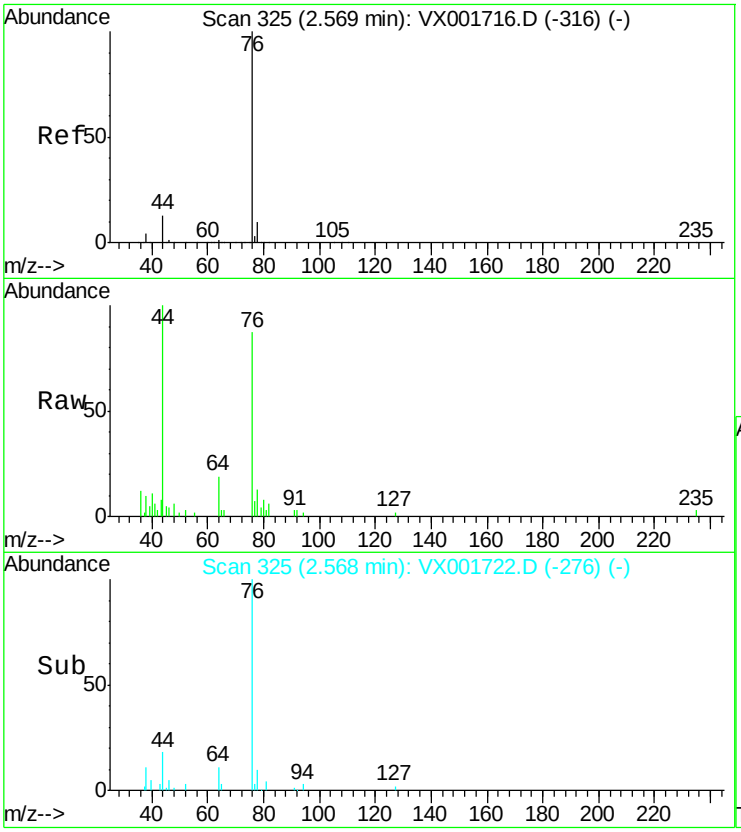


#16
Acetone
Concen: 9.76 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 43 Resp: 14483

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.3	37.9



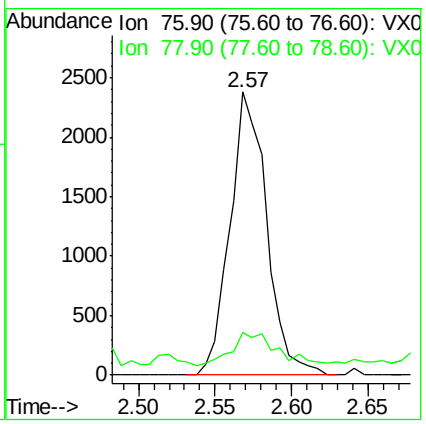


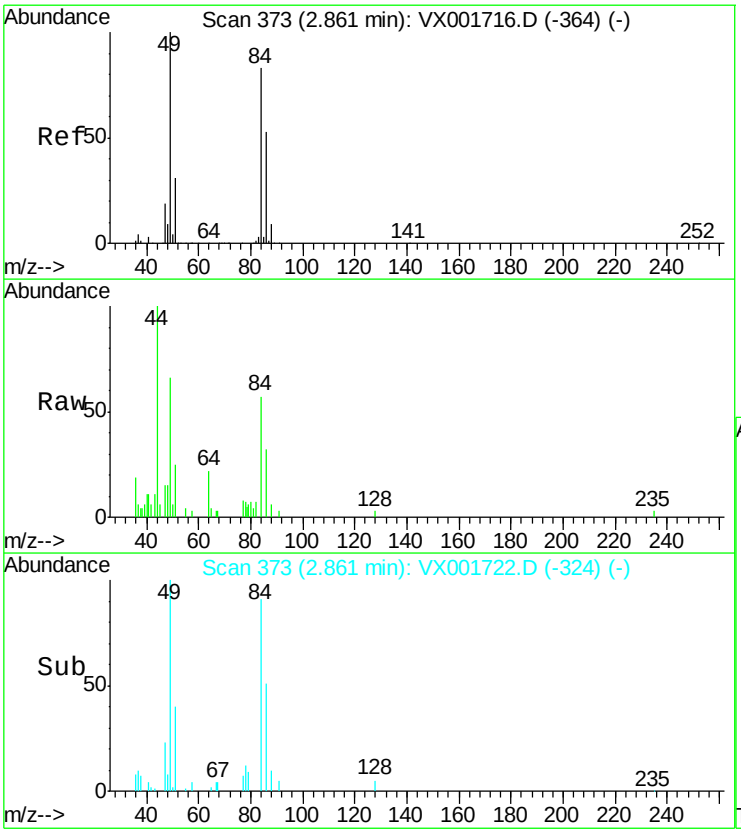
#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion: 76 Resp: 3953

Ion	Ratio	Lower	Upper
76	100		
78	10.6	7.6	11.4

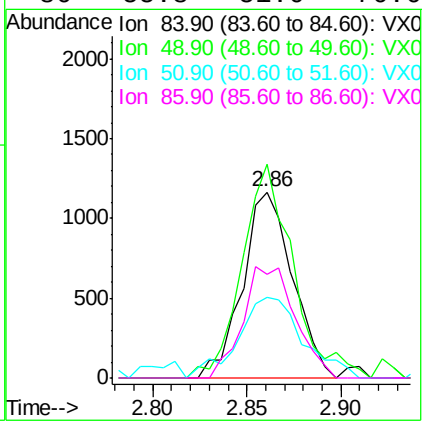


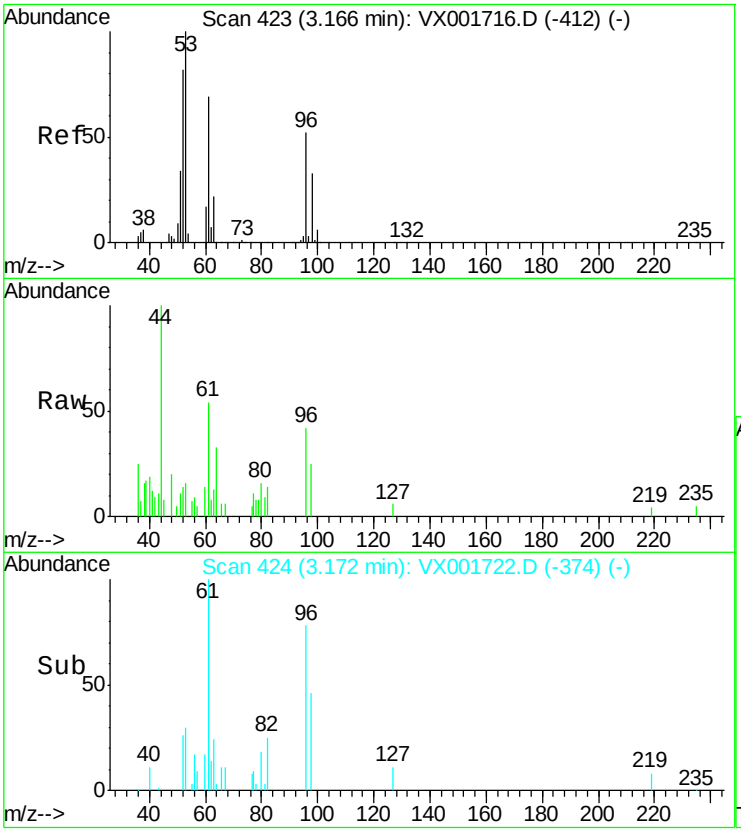


#20
Methylene Chloride
Concen: 0.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 84 Resp: 2143

Ion	Ratio	Lower	Upper
84	100		
49	114.7	96.3	144.5
51	43.5	29.8	44.6
86	55.8	51.0	76.6



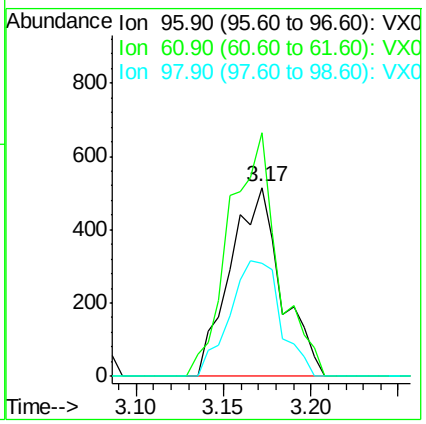


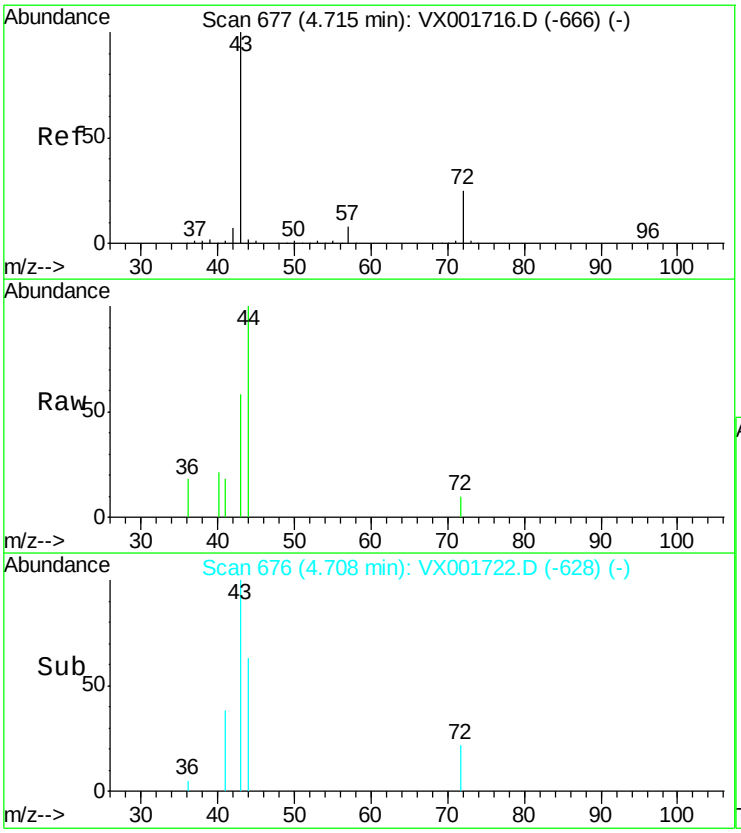
#21
trans-1,2-Dichloroethene
Concen: 0.34 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion: 96 Resp: 1048

Ion	Ratio	Lower	Upper
96	100		
61	128.9	105.8	158.8
98	59.6	50.2	75.4

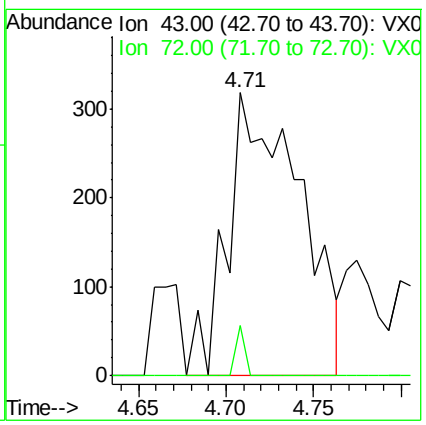


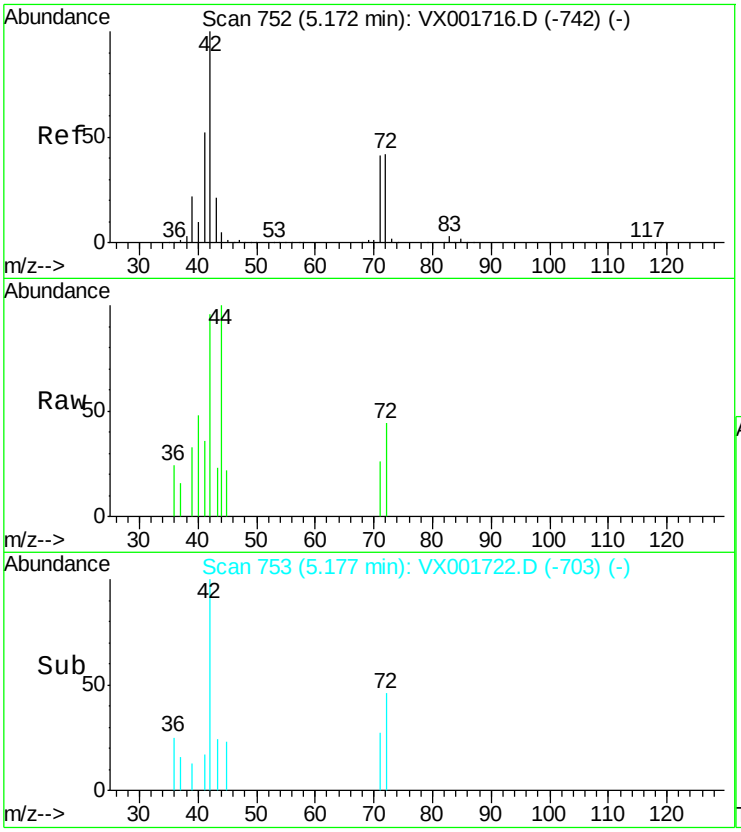


#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
72	17.9	19.8	29.6#



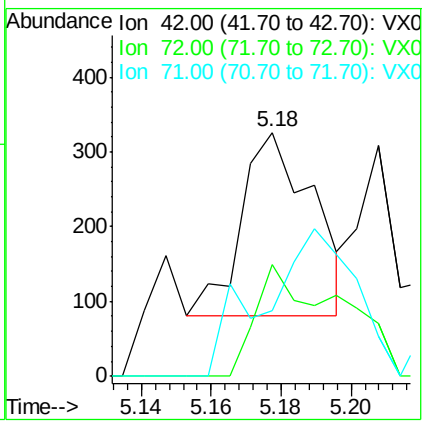


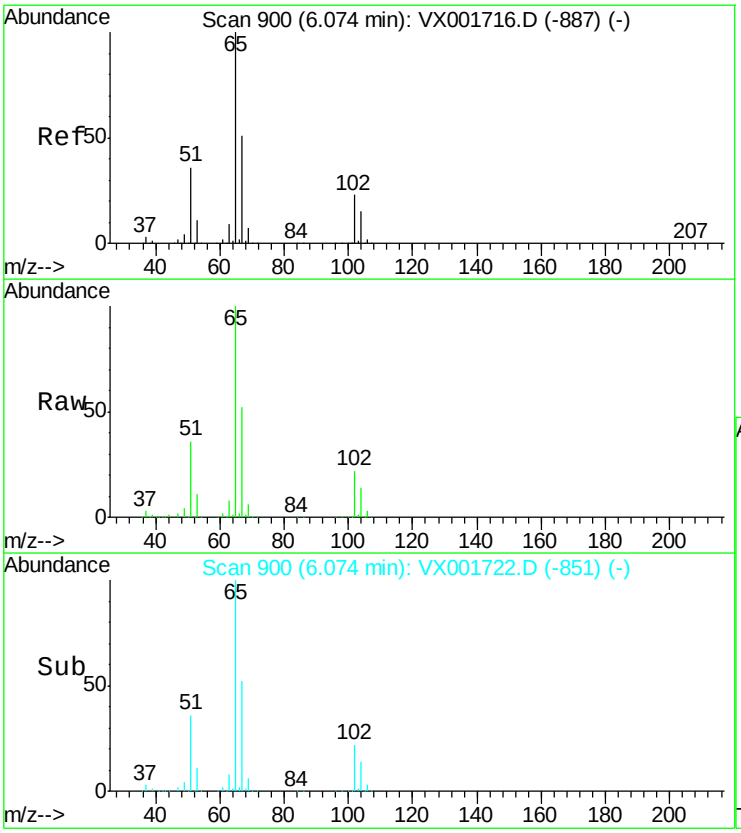
#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion: 42 Resp: 352

Ion	Ratio	Lower	Upper
42	100		
72	70.7	35.4	53.2#
71	108.2	33.2	49.8#

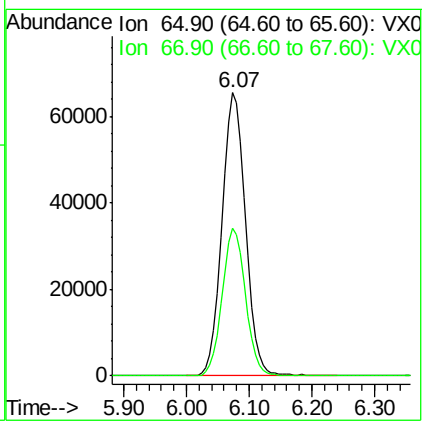


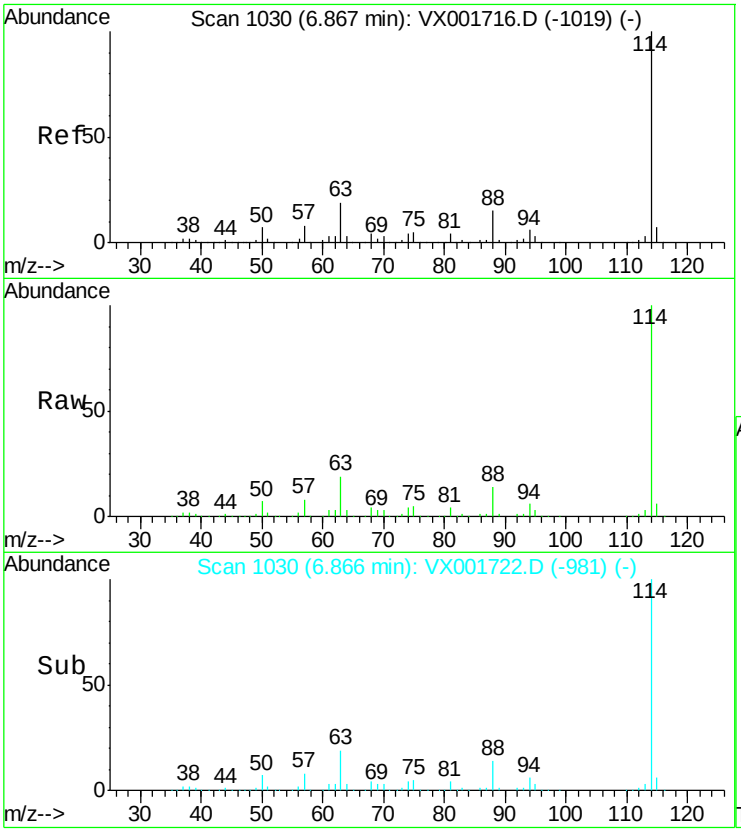


#33
1,2-Dichloroethane-d4
Concen: 45.05 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 65 Resp: 170122

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.8



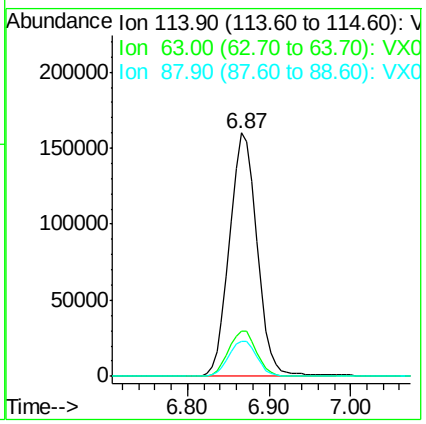


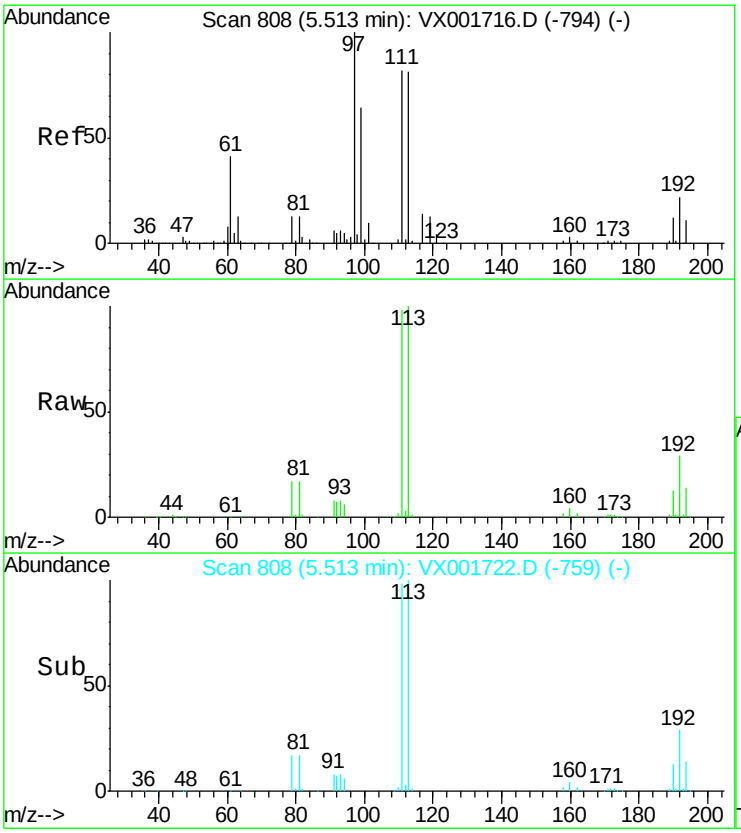
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:114 Resp: 375009

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.0
88	14.4	0.0	29.8

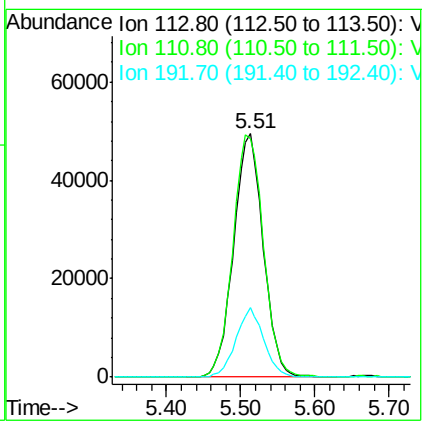


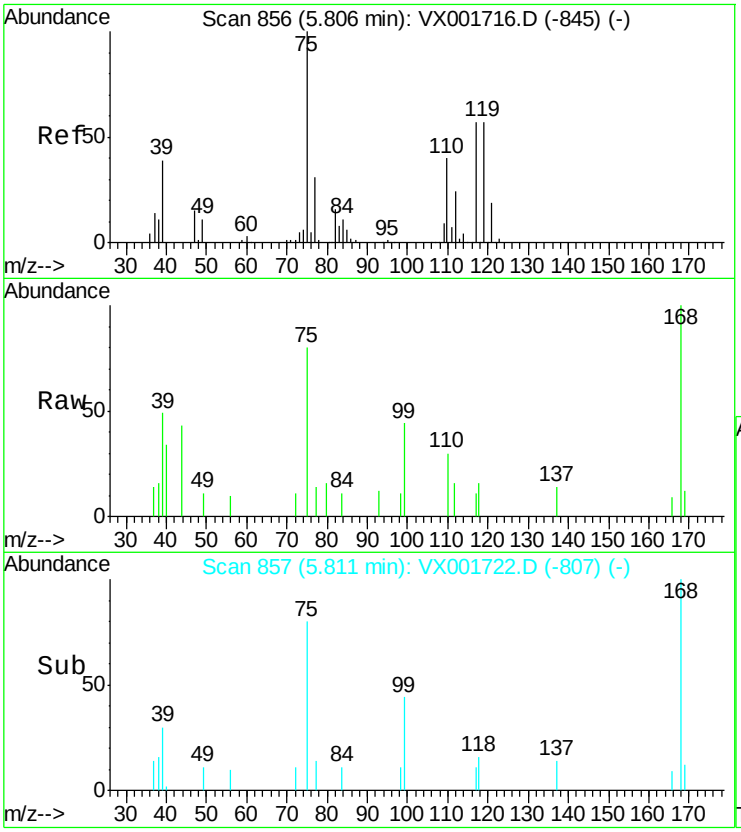


#35
Dibromofluoromethane
Concen: 43.60 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:113 Resp: 137986

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	26.9	21.6	32.4



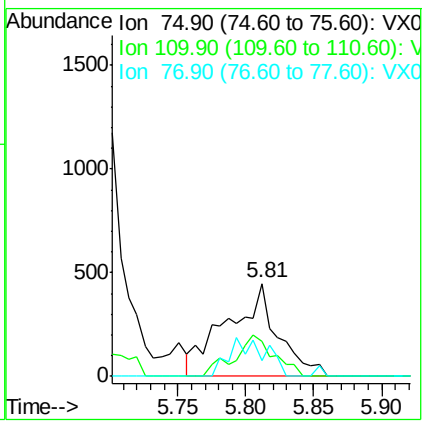


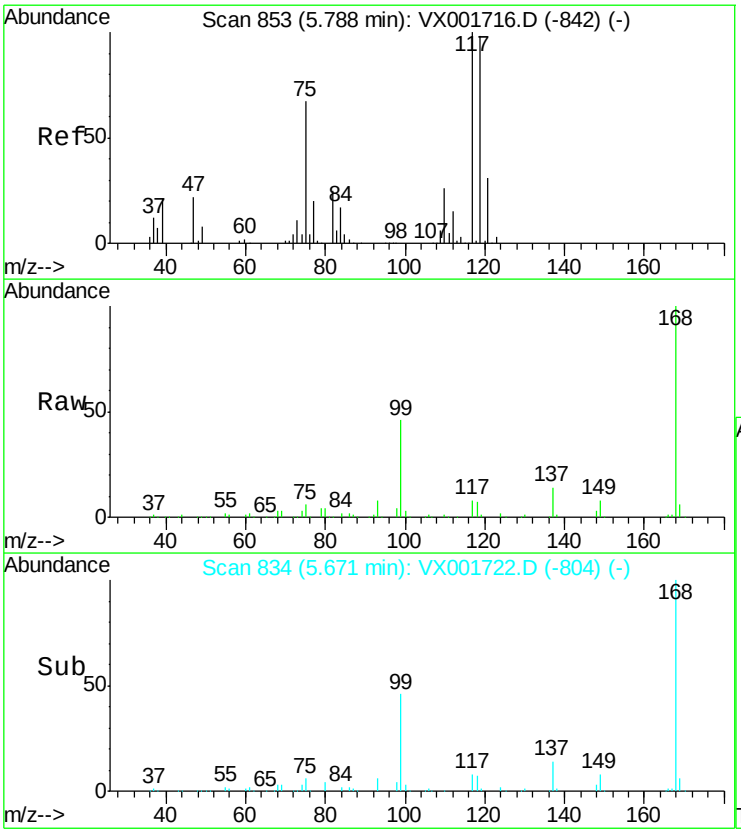
#36
1,1-Dichloropropene
Concen: 0.27 ug/l
RT: 5.81 min Scan# 857
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion: 75 Resp: 1162

Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.1	57.1
77	30.0	24.6	37.0

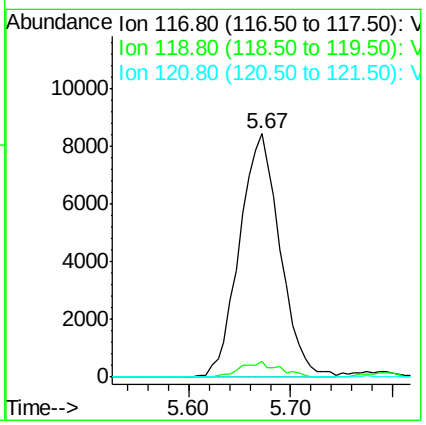


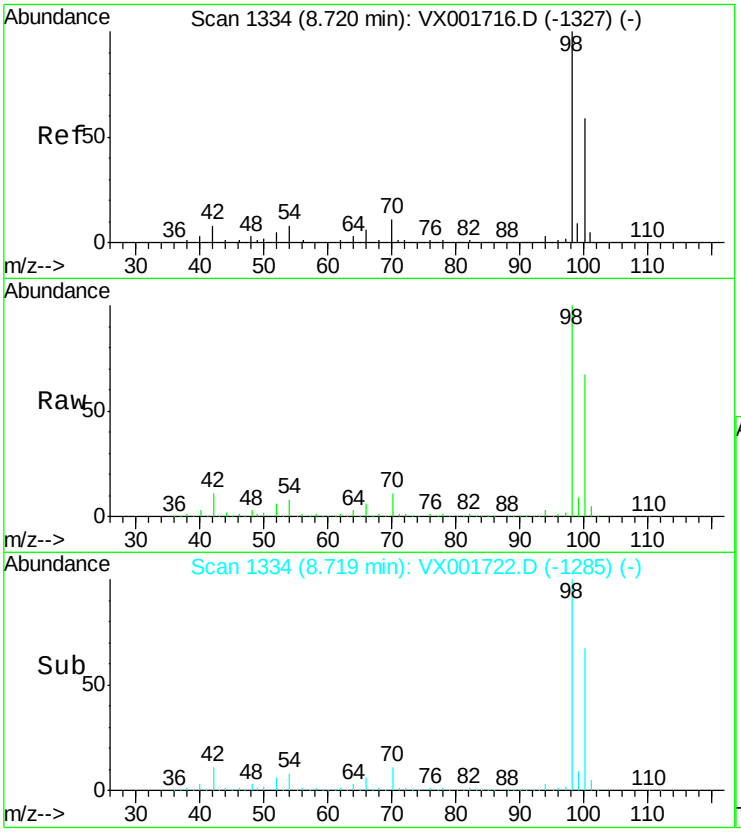


#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:117 Resp: 23277

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.6	116.4#
121	0.0	24.6	36.8#



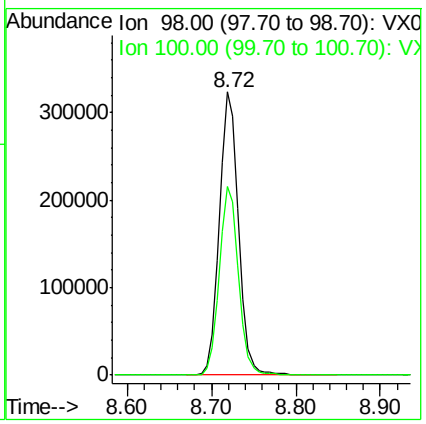


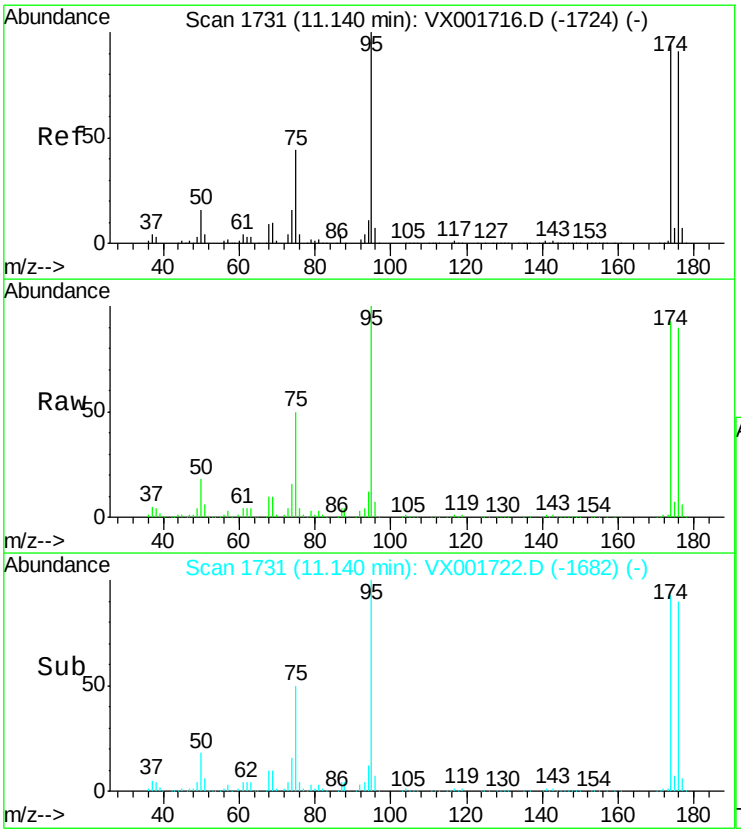
#50
Toluene-d8
Concen: 45.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion: 98 Resp: 510690

Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.0	81.0

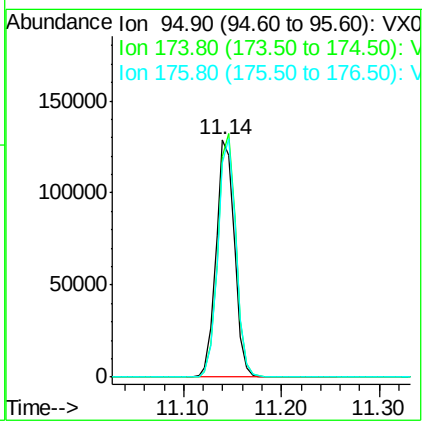


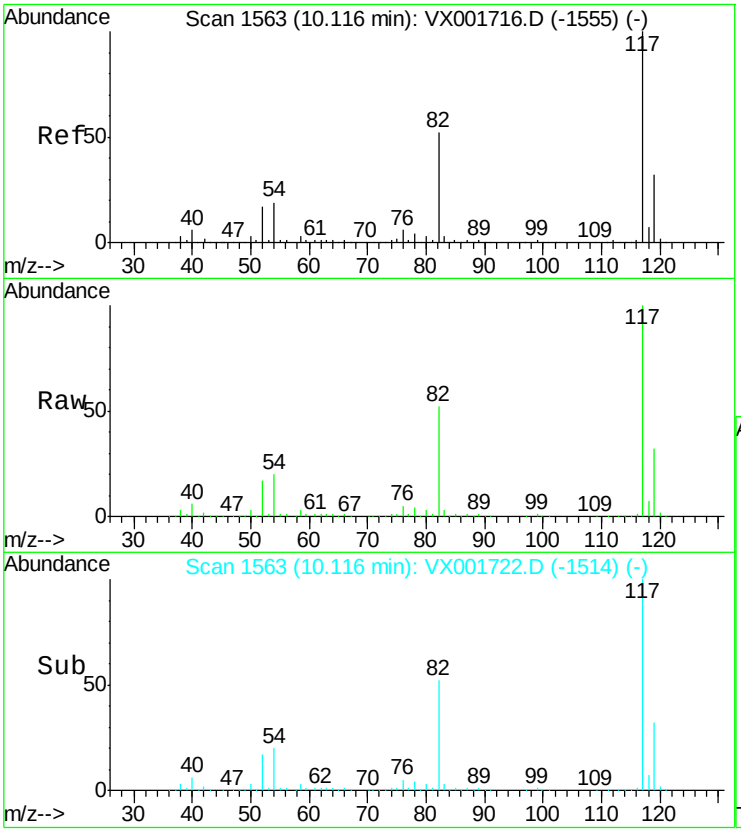


#62
4-Bromofluorobenzene
Concen: 41.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 95 Resp: 167682

Ion	Ratio	Lower	Upper
95	100		
174	101.1	0.0	201.8
176	99.0	0.0	196.8



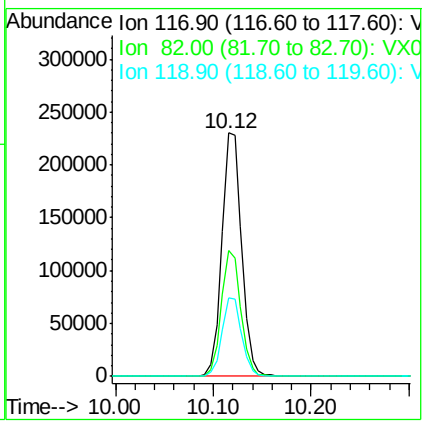


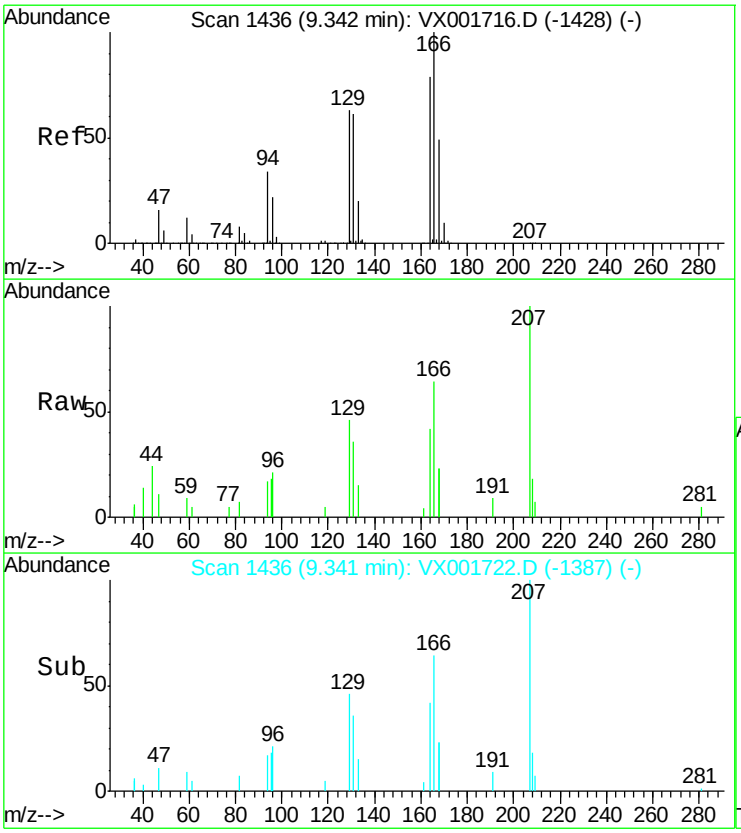
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:117 Resp: 322827

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.4	62.2
119	32.0	25.6	38.4

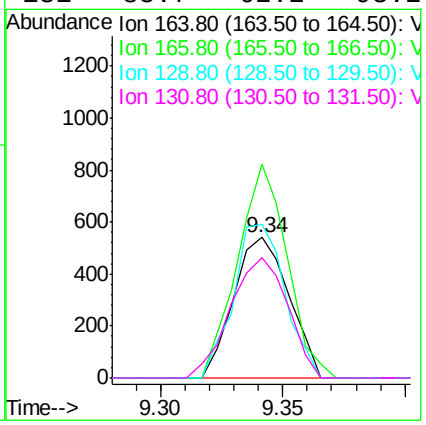


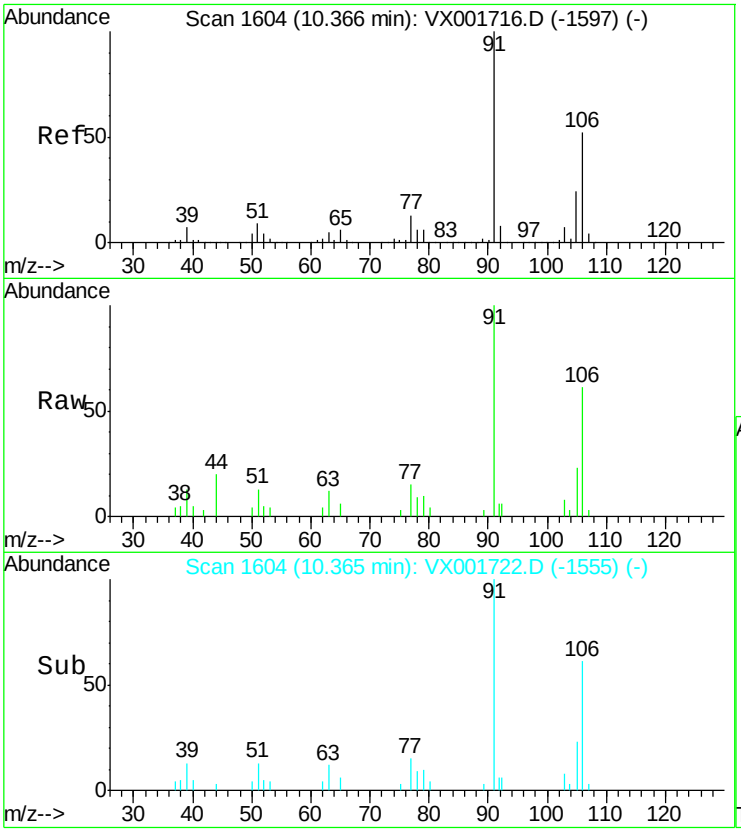


#64
Tetrachloroethene
Concen: 0.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:164 Resp: 850

Ion	Ratio	Lower	Upper
164	100		
166	152.2	101.8	152.8
129	109.1	63.8	95.6#
131	85.7	62.2	93.2



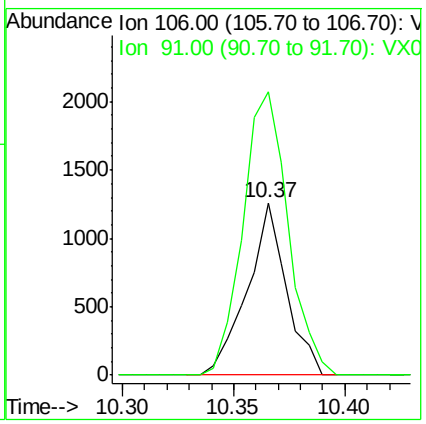


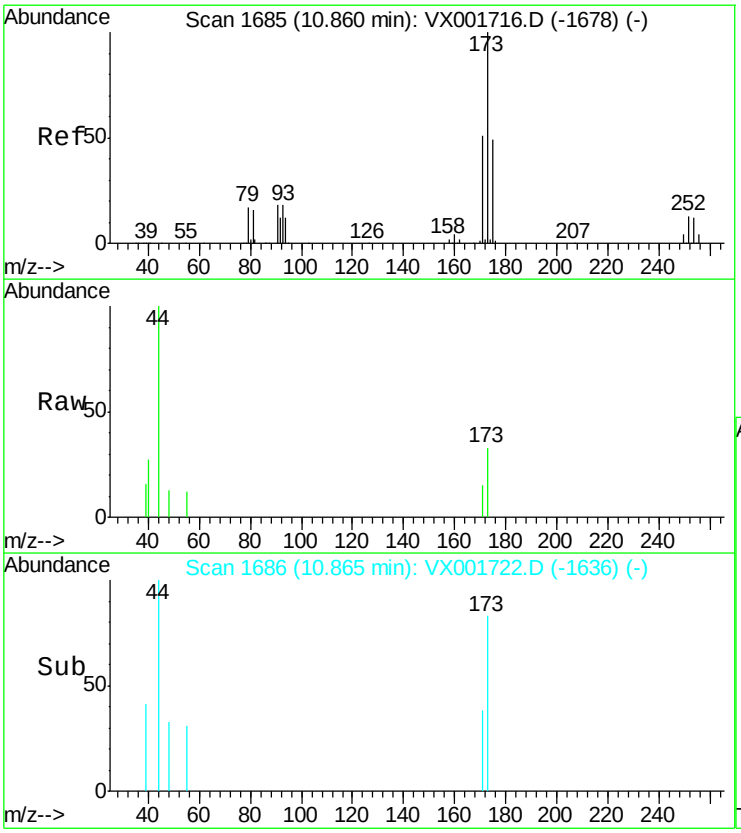
#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:106 Resp: 1542

Ion	Ratio	Lower	Upper
106	100		
91	189.8	155.4	233.2

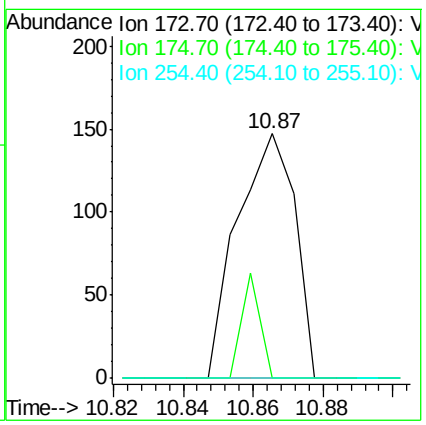


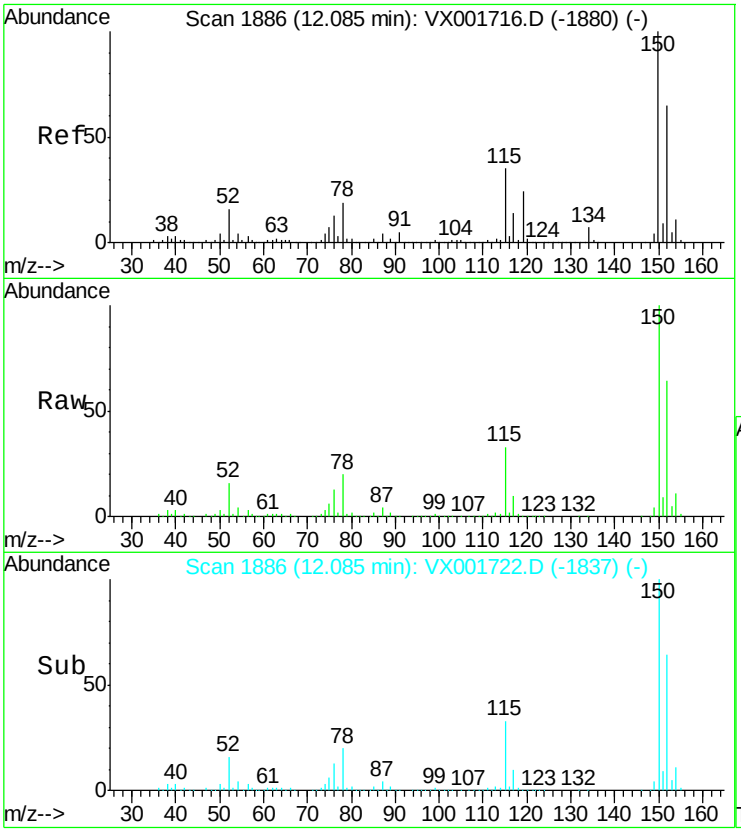


#71
Bromoform
Concen: 2.98 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:173 Resp: 167

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	72.8#
254	0.0	0.2	0.2#



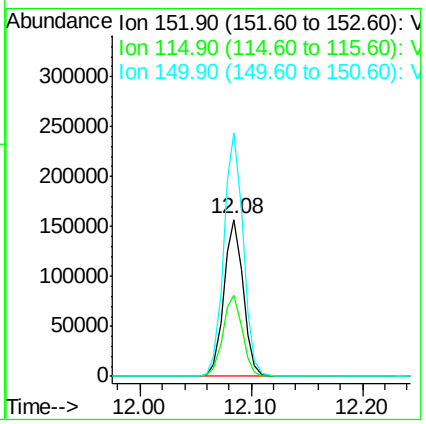


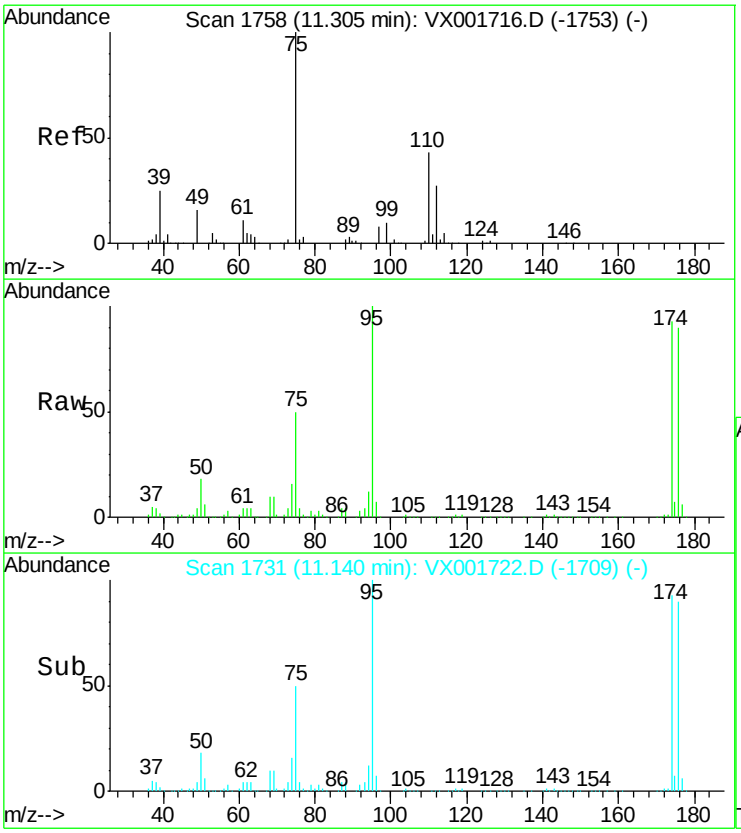
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:152 Resp: 186469

Ion	Ratio	Lower	Upper
152	100		
115	52.5	37.4	112.2
150	156.5	0.0	344.8

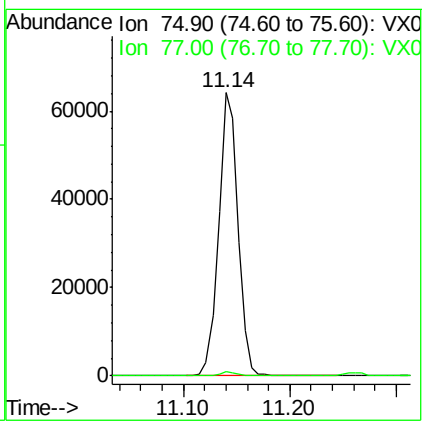


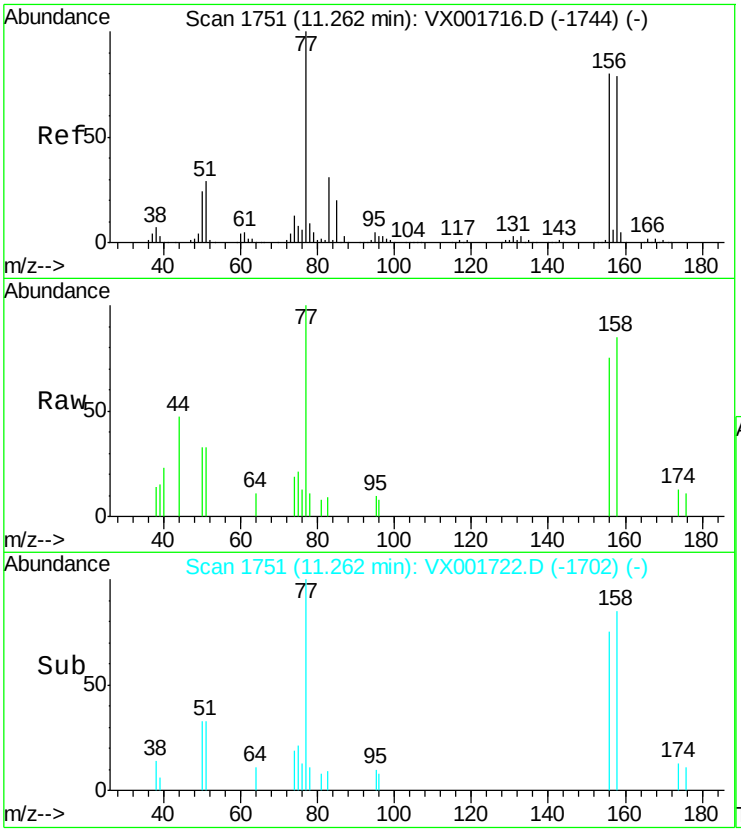


#76
1,2,3-Trichloropropane
Concen: 22.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.17 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 75 Resp: 80953

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.9	56.7#



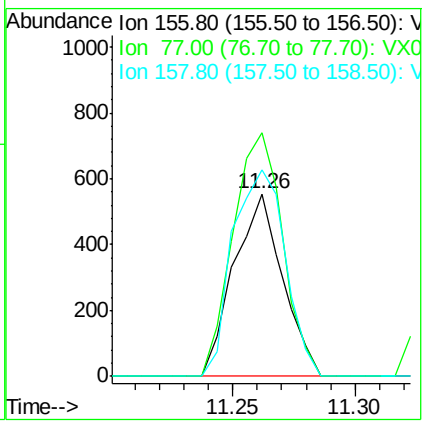


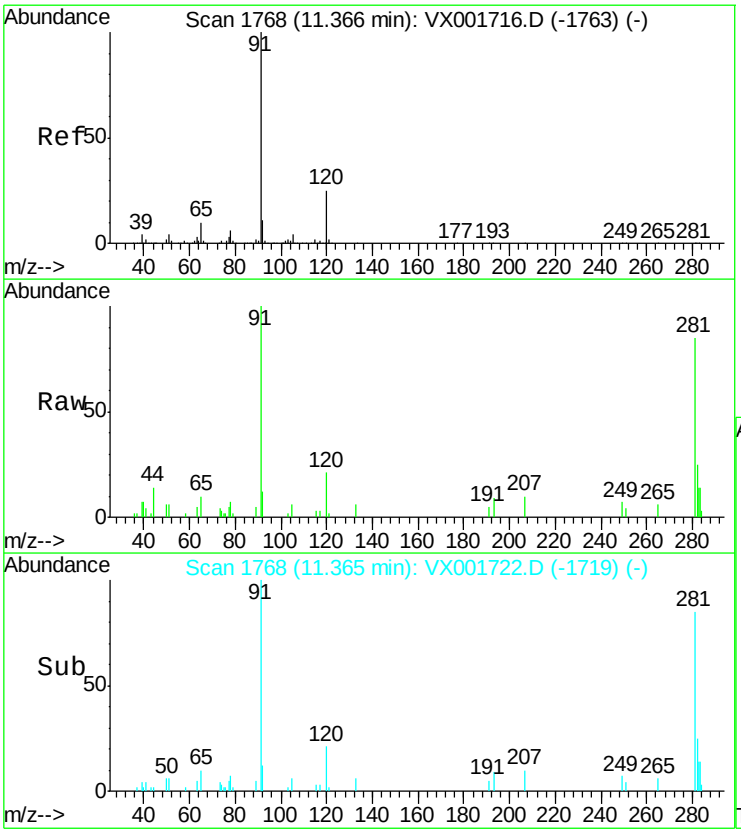
#77
Bromobenzene
Concen: 0.21 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:156 Resp: 767

Ion	Ratio	Lower	Upper
156	100		
77	136.1	65.3	196.0
158	122.4	49.1	147.3

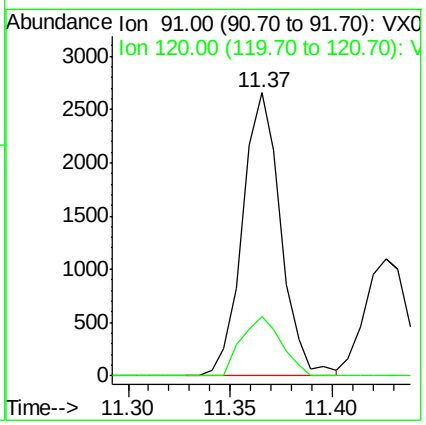


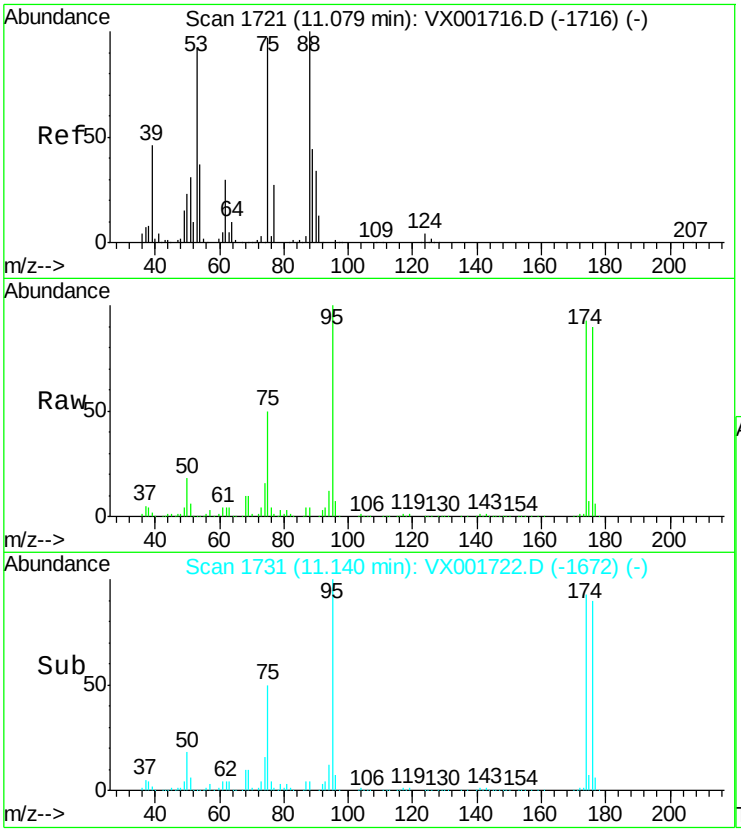


#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 91 Resp: 3469

Ion	Ratio	Lower	Upper
91	100		
120	21.6	12.5	37.5



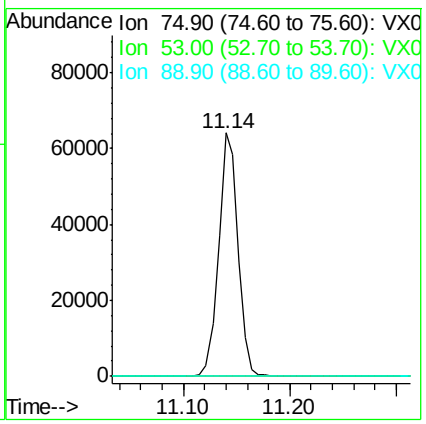


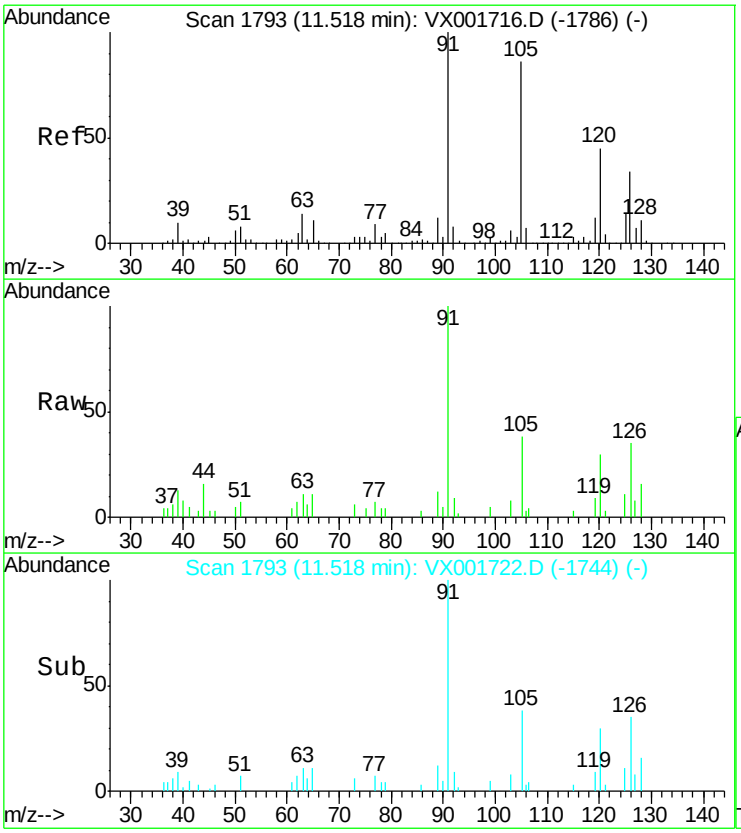
#81
trans-1,4-Dichloro-2-butene
Concen: 66.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion: 75 Resp: 80953

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.4	119.2#
89	0.0	38.8	58.2#

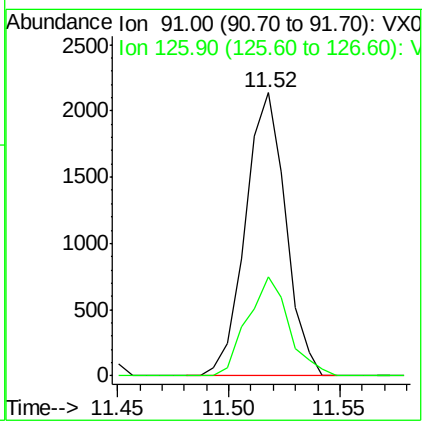


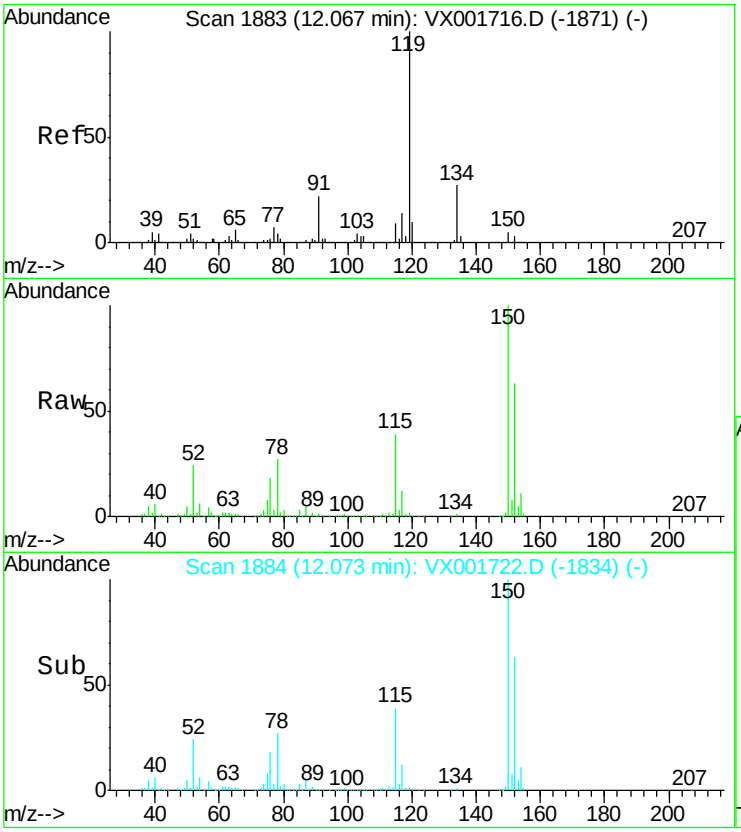


#82
4-Chlorotoluene
Concen: 0.28 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 91 Resp: 2696

Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.4	49.1



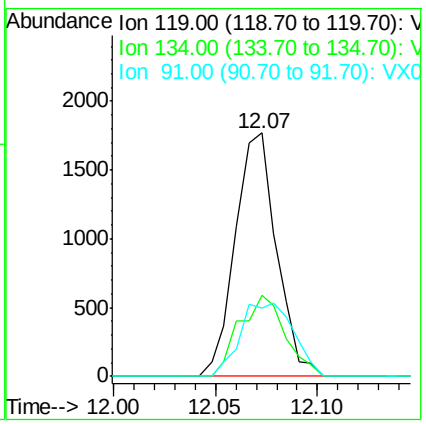


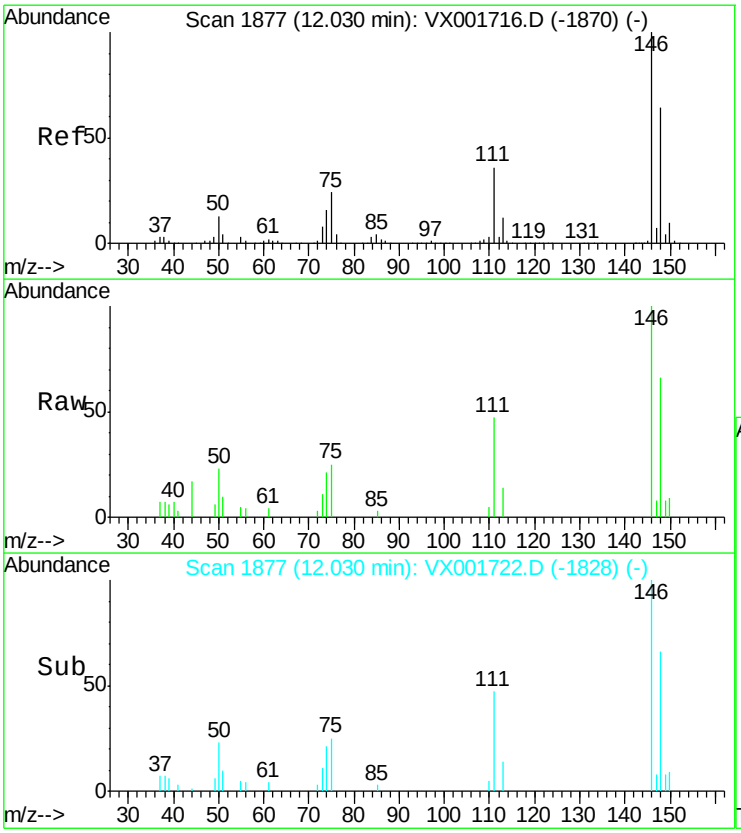
#86
p-Isopropyltoluene
Concen: 0.22 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:119 Resp: 2493

Ion	Ratio	Lower	Upper
119	100		
134	37.1	13.6	40.8
91	39.0	10.7	32.1#

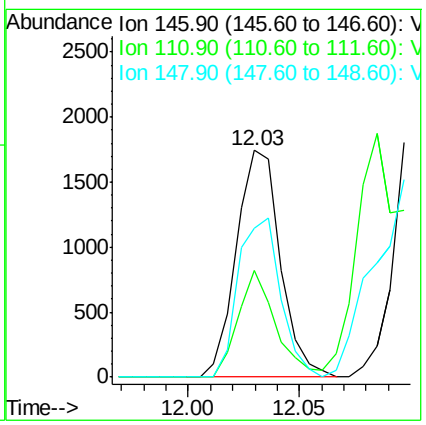


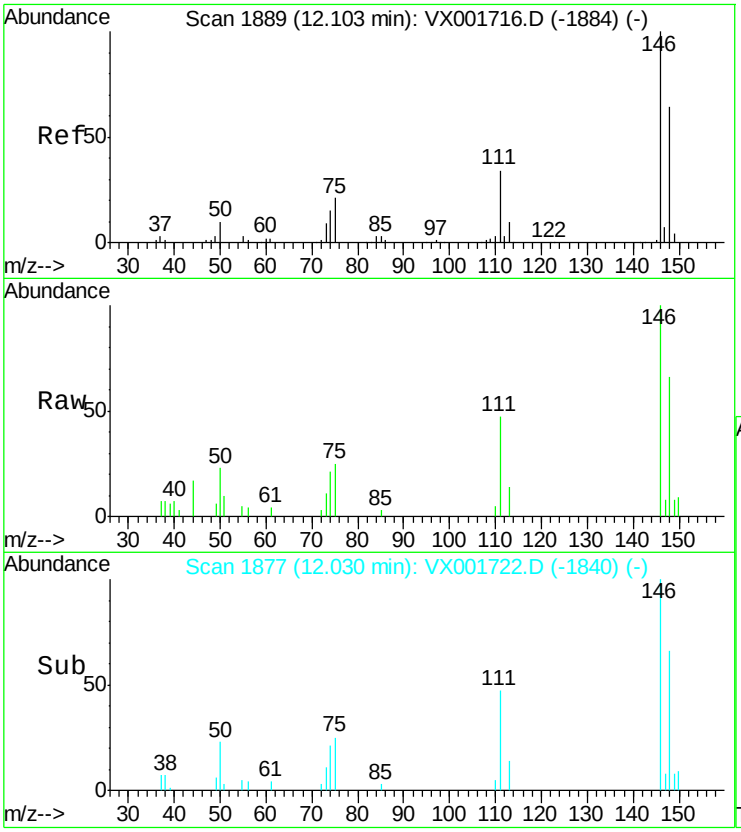


#87
1,3-Dichlorobenzene
Concen: 0.36 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:146 Resp: 2405

Ion	Ratio	Lower	Upper
146	100		
111	40.6	17.8	53.4
148	67.4	32.1	96.3



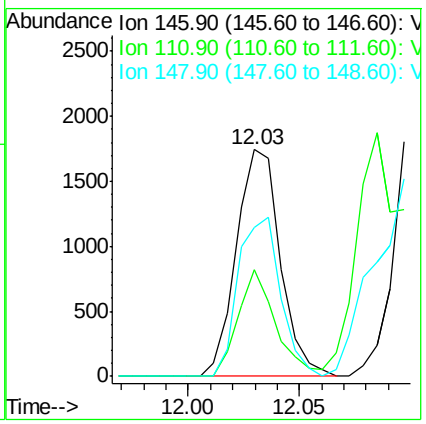


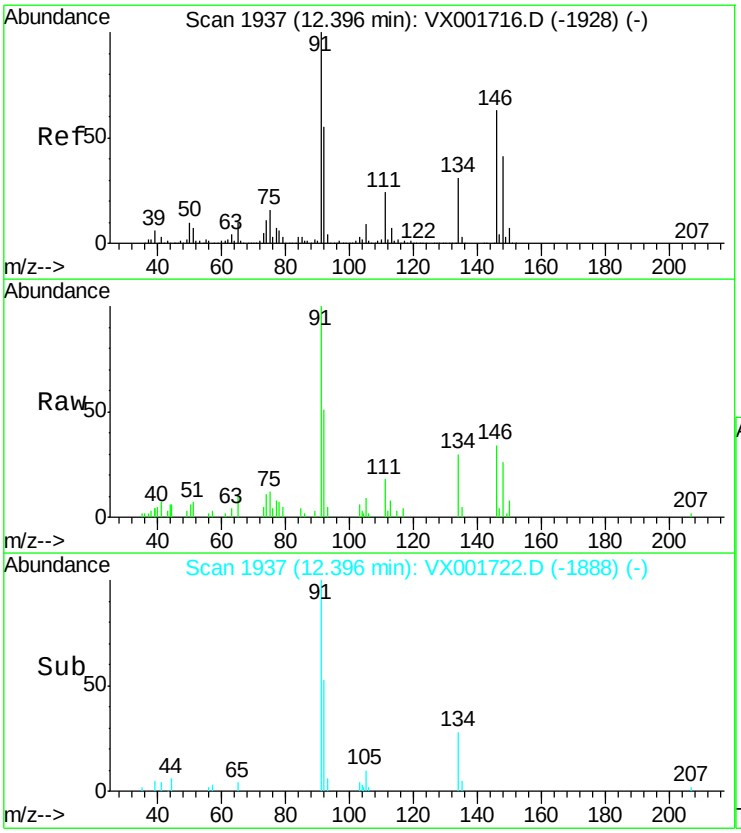
#88
1,4-Dichlorobenzene
Concen: 0.35 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:146 Resp: 2405

Ion	Ratio	Lower	Upper
146	100		
111	40.6	17.3	52.0
148	67.4	32.3	96.9

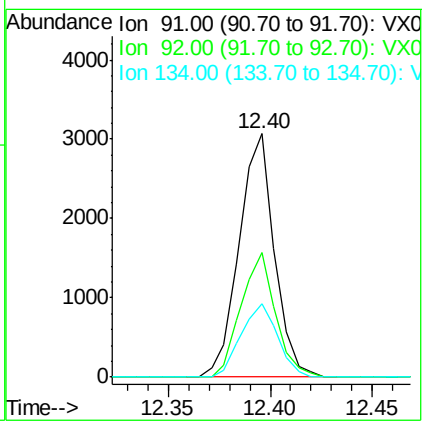


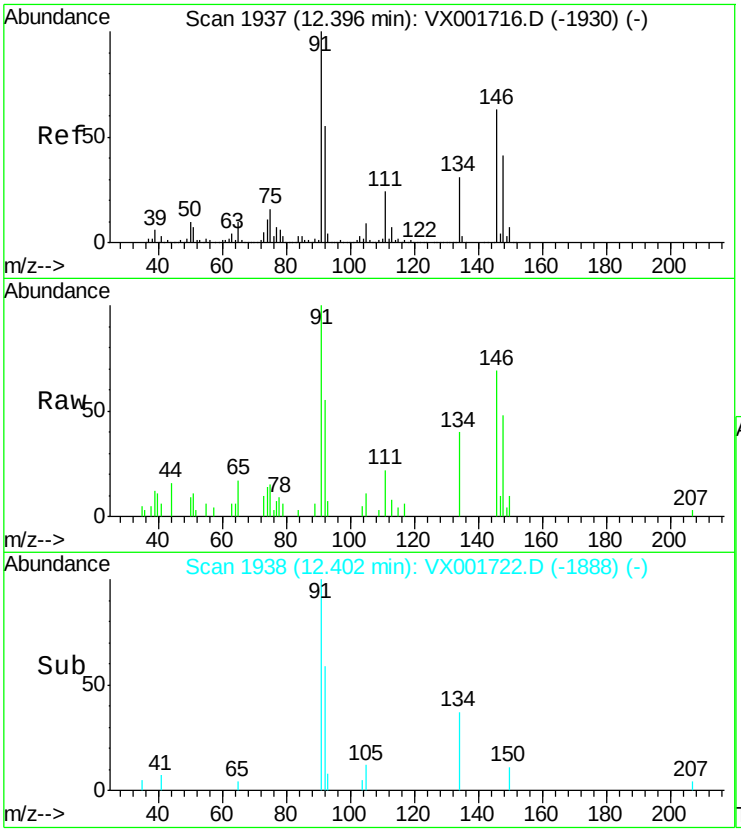


#89
n-Butylbenzene
Concen: 0.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion: 91 Resp: 3681

Ion	Ratio	Lower	Upper
91	100		
92	50.1	27.3	81.9
134	31.2	14.7	44.1



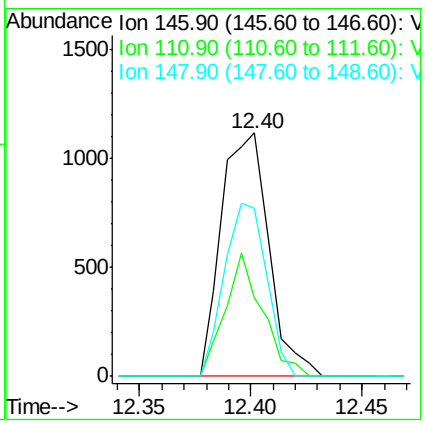


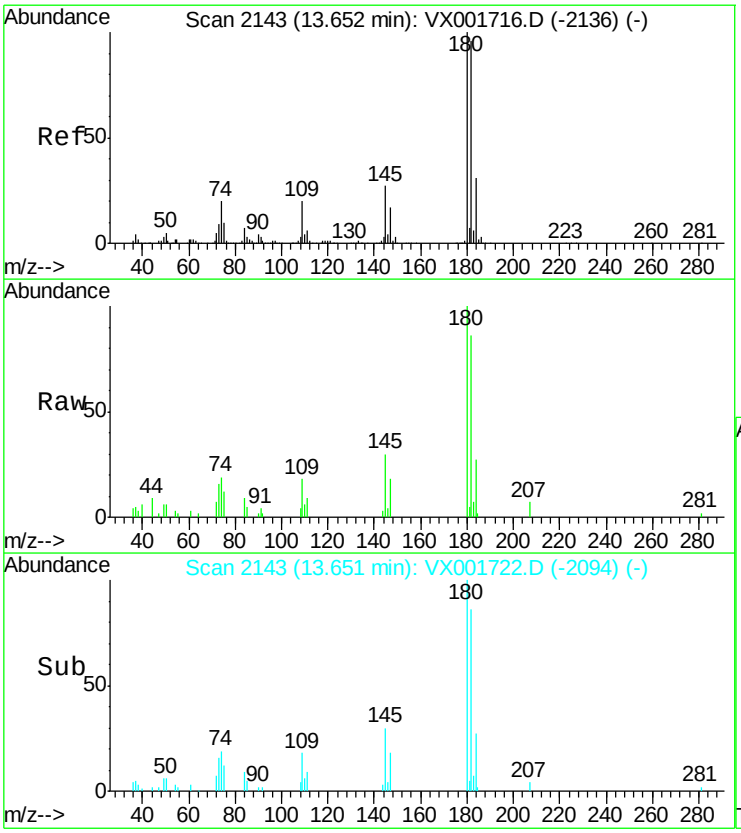
#91
1,2-Dichlorobenzene
Concen: 0.25 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument : MSVOA_X
ClientSampleId : TB050918

Tgt Ion:146 Resp: 1655

Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.6	56.0
148	63.4	32.4	97.0

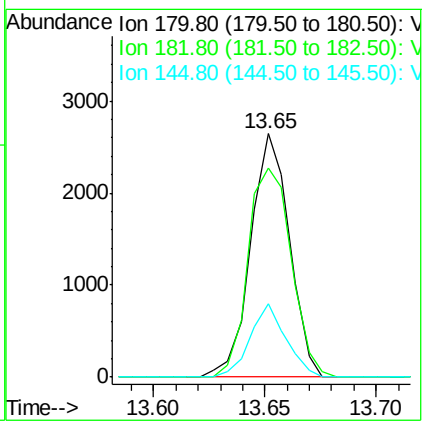


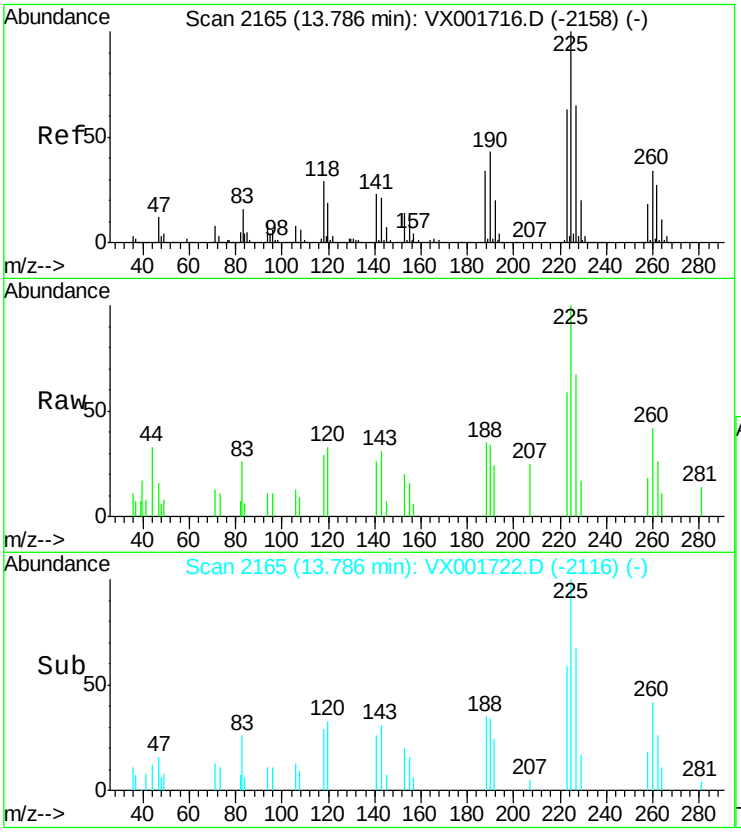


#93
1,2,4-Trichlorobenzene
Concen: 0.61 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:180 Resp: 3216

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.9
145	27.7	13.4	40.1



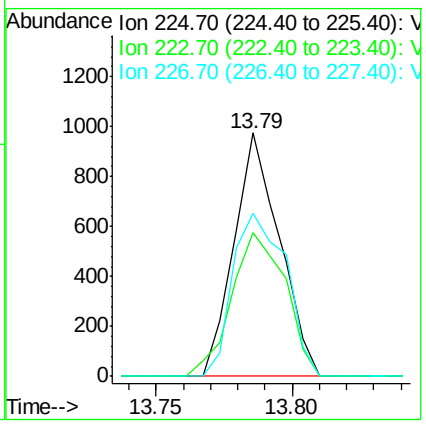


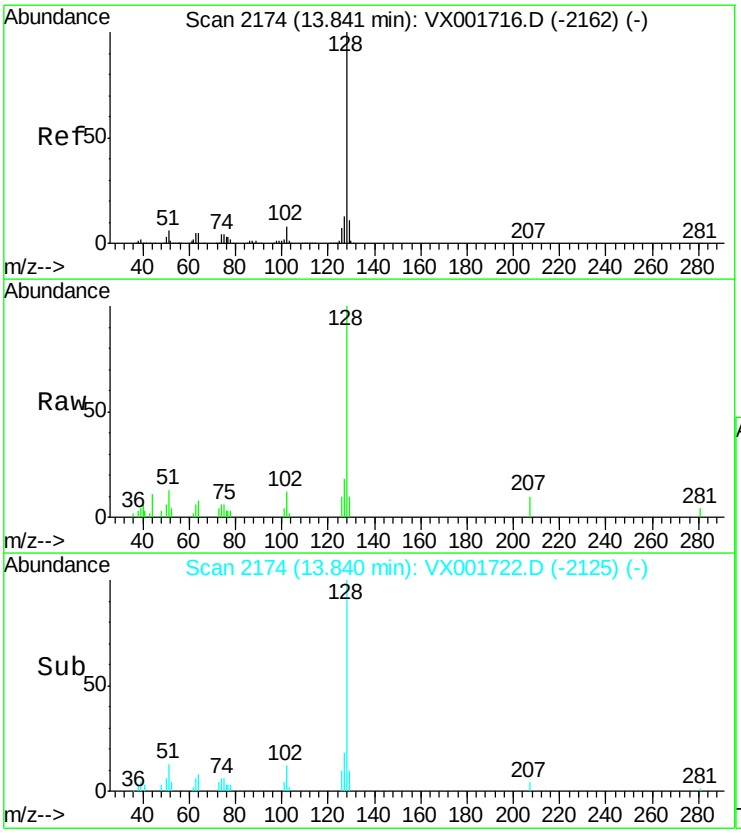
#94
Hexachlorobutadiene
Concen: 0.40 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:225 Resp: 1128

Ion	Ratio	Lower	Upper
225	100		
223	69.9	31.1	93.5
227	78.0	31.9	95.5

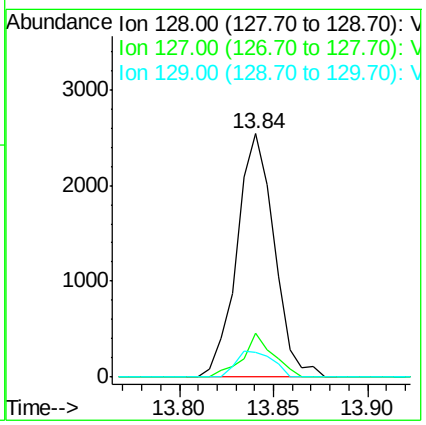


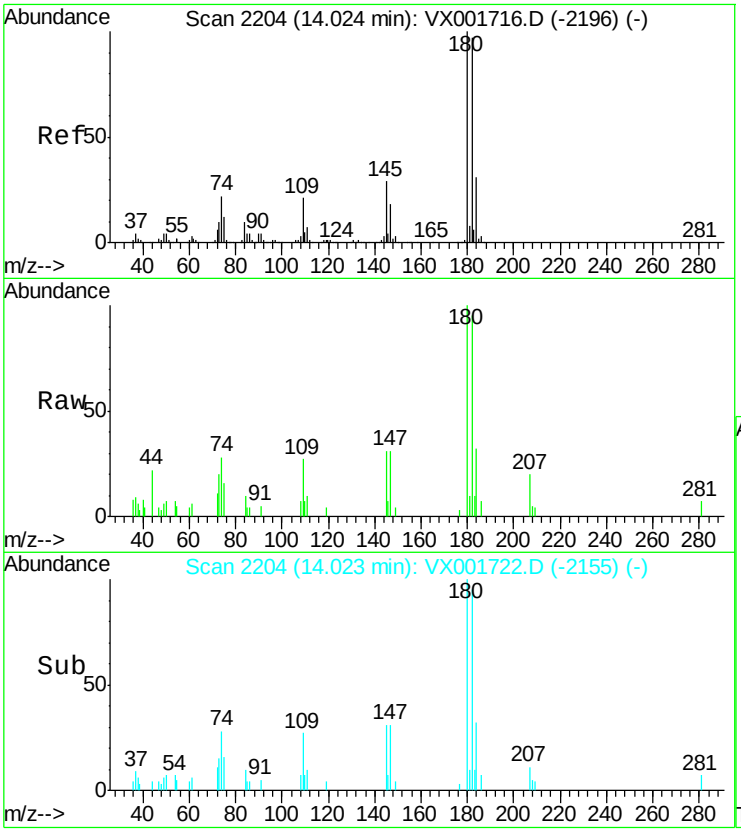


#95
Naphthalene
Concen: 0.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Tgt Ion:128 Resp: 3492

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.2	15.4
129	10.4	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.38 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001722.D
Acq: 14 May 2018 21:23

Instrument :
MSVOA_X
ClientSampleId :
TB050918

Tgt Ion:180 Resp: 2044

Ion	Ratio	Lower	Upper
180	100		
182	99.6	47.9	143.7
145	29.6	14.2	42.8