Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Data File : VX001005.D
Acq On : 20 Apr 2018 13:45
Operator : JC/MD
Sample : J2349-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:32:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	252118	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	348639	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	324709	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214351	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	159670	49.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.92%				
35) Dibromofluoromethane	5.51	113	124842	46.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.92%				
50) Toluene-d8	8.72	98	490381	49.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.78%				
62) 4-Bromofluorobenzene	11.14	95	190691	46.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.44%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.41	62	122802	40.69	ug/l		99
5) Bromomethane	1.66	94	232	Below Cal		#	80
10) Methyl Iodide	2.52	142	207	7.67	ug/l	#	83
11) Tert butyl alcohol	3.07	59	230	0.48	ug/l	#	1
12) 1,1-Dichloroethene	2.38	96	2702	1.10	ug/l		83
13) Acrolein	2.29	56	110	11.63	ug/l	#	14
15) Acrylonitrile	3.15	53	496	0.38	ug/l	#	80
16) Acetone	2.45	43	696	0.58	ug/l		90
17) Carbon Disulfide	2.57	76	1609	0.23	ug/l		96
20) Methylene Chloride	2.86	84	112	Below Cal		#	36
21) trans-1,2-Dichloroethene	3.17	96	741	0.27	ug/l		93
25) 2-Butanone	4.73	43	455	0.24	ug/l	#	50
27) cis-1,2-Dichloroethene	4.60	96	254942	83.69	ug/l		89
36) 1,1-Dichloropropene	5.68	75	15437	3.77	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	22079	5.32	ug/l	#	16
39) Methylcyclohexane	7.46	83	2931	0.61	ug/l		93
40) Benzene	6.15	78	9729	0.85	ug/l	#	89
44) Trichloroethene	7.22	130	4864	1.40	ug/l		100
65) Chlorobenzene	10.15	112	132616	15.34	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	95059	25.56	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	95059	76.59	ug/l	#	8
87) 1,3-Dichlorobenzene	12.03	146	2183	0.29	ug/l		92
88) 1,4-Dichlorobenzene	12.03	146	2183	0.28	ug/l		91
90) Hexachloroethane	12.76	117	837	0.45	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	18253	2.48	ug/l		99
93) 1,2,4-Trichlorobenzene	13.65	180	1406	0.23	ug/l	#	92
94) Hexachlorobutadiene	13.79	225	815	0.29	ug/l		96

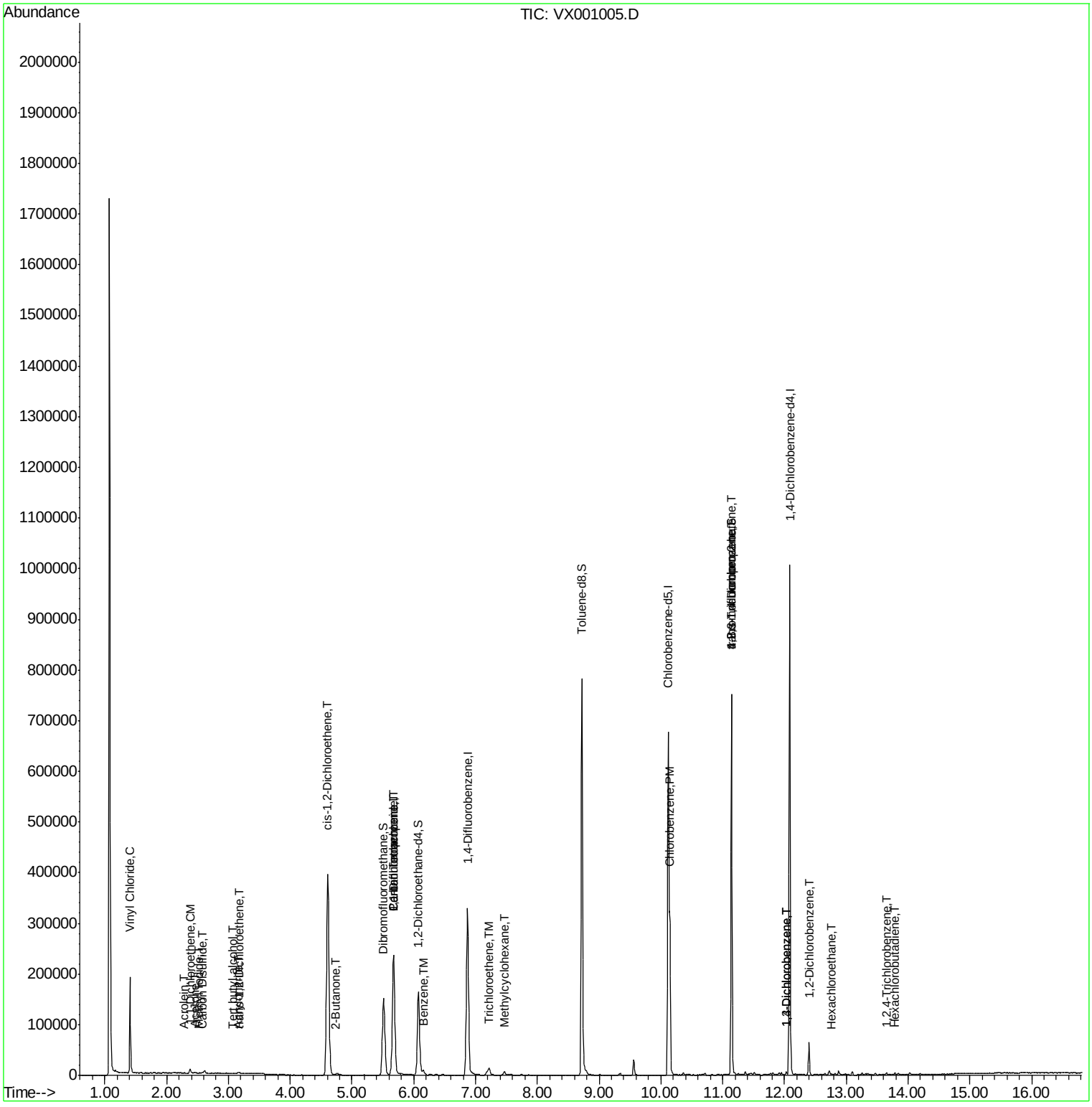
(#) = qualifier out of range (m) = manual integration (+) = signals summed

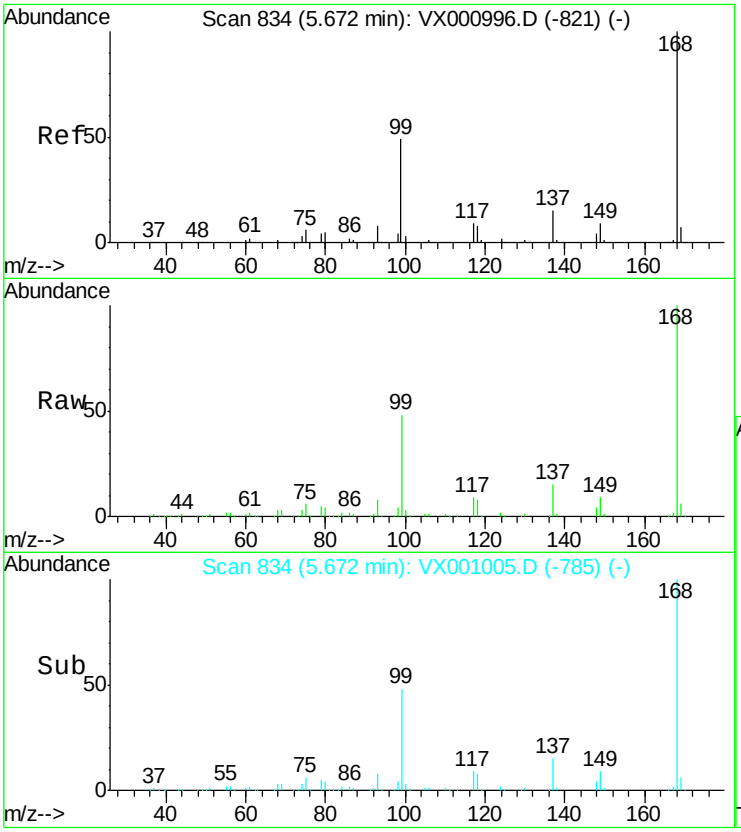
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Data File : VX001005.D
Acq On : 20 Apr 2018 13:45
Operator : JC/MD
Sample : J2349-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 21 05:32:22 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration



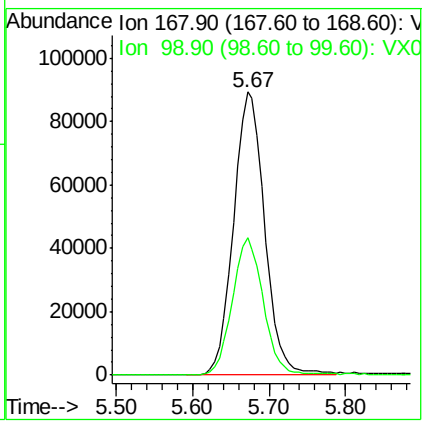


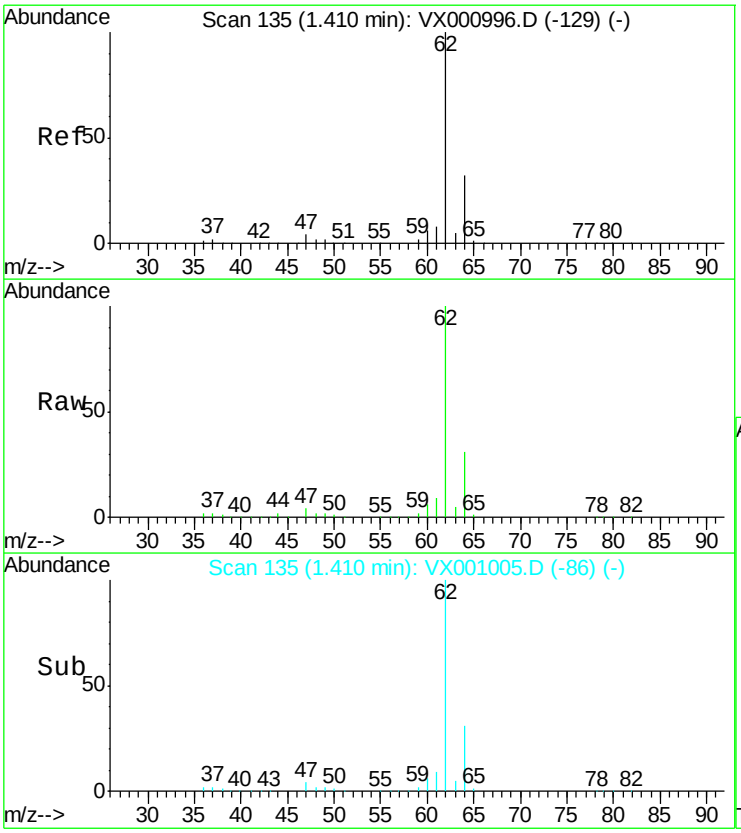
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 252118

Ion	Ratio	Lower	Upper
168	100		
99	48.5	39.2	58.8

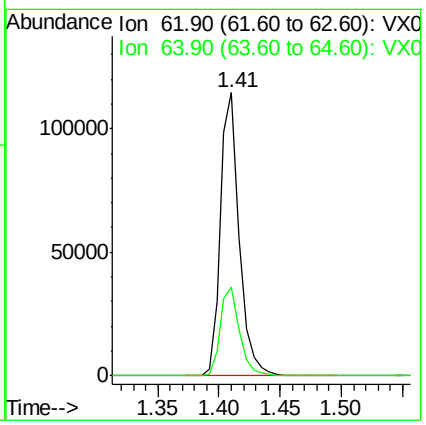


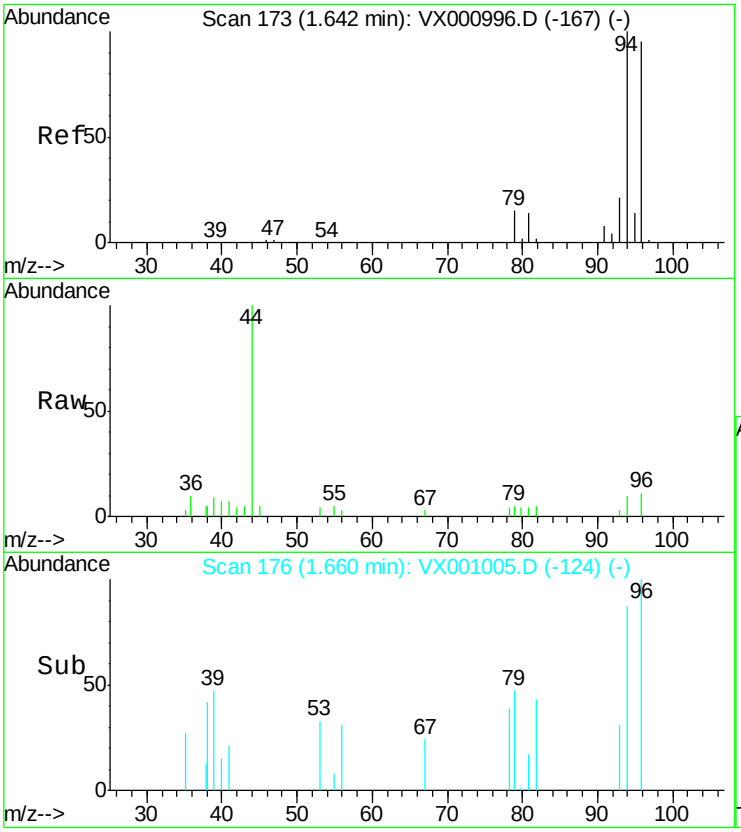


#4
Vinyl Chloride
Concen: 40.69 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 62 Resp: 122802

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.6	38.4



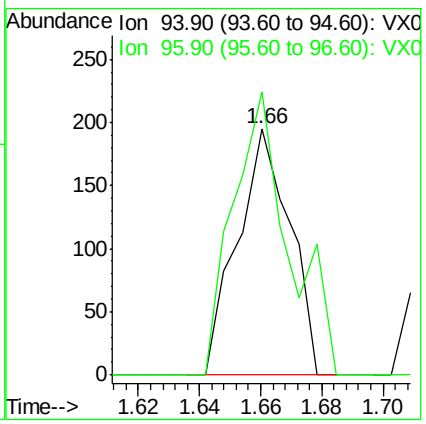


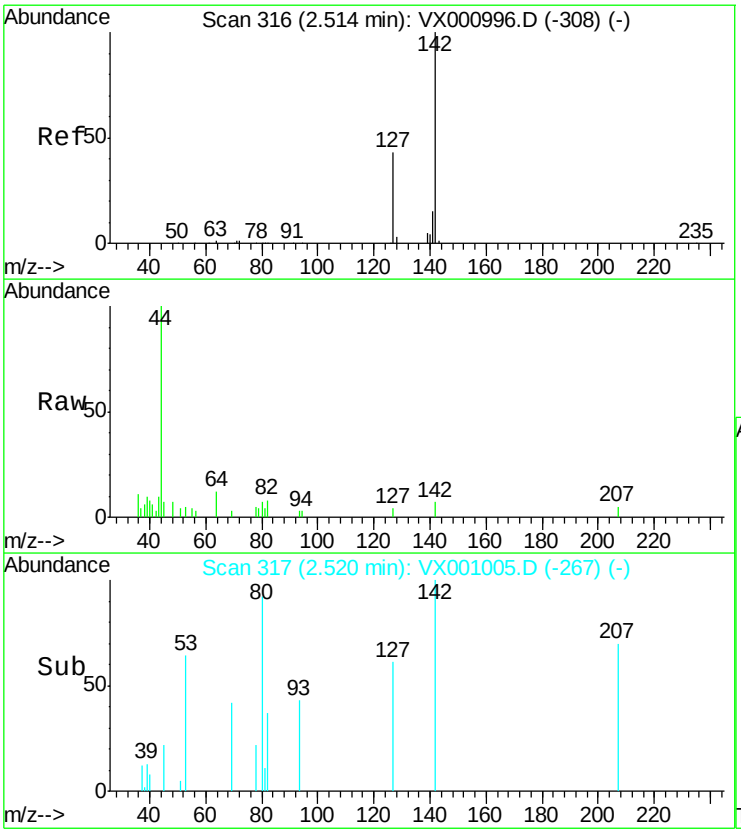
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 232

Ion	Ratio	Lower	Upper
94	100		
96	114.9	76.0	114.0#

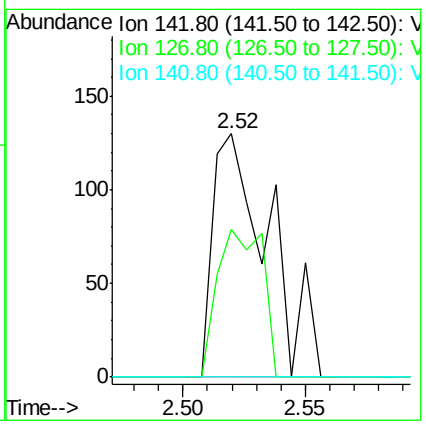


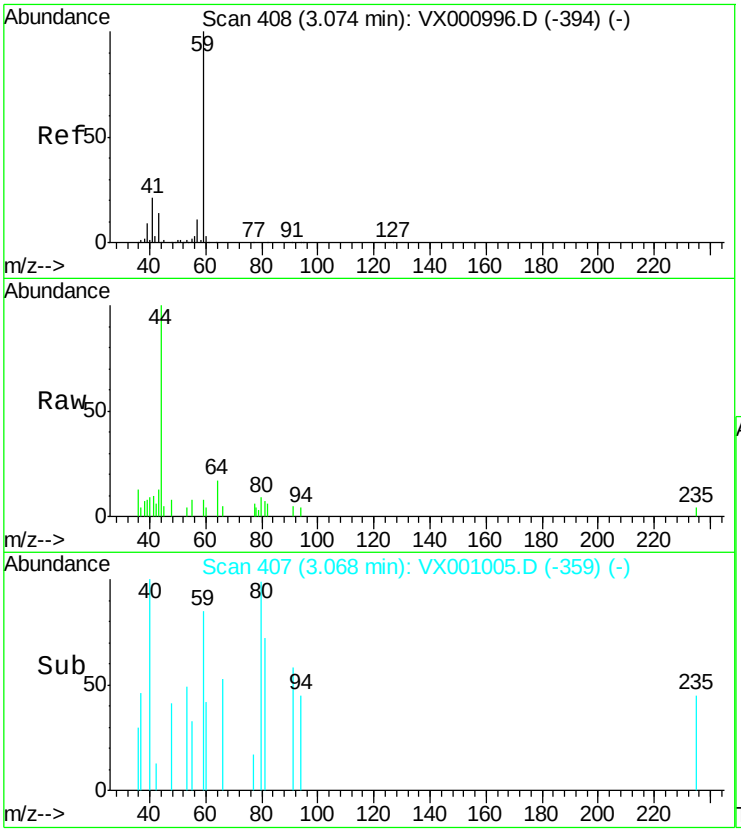


#10
Methyl Iodide
Concen: 7.67 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:142 Resp: 207

Ion	Ratio	Lower	Upper
142	100		
127	49.3	34.0	51.0
141	0.0	11.4	17.2#



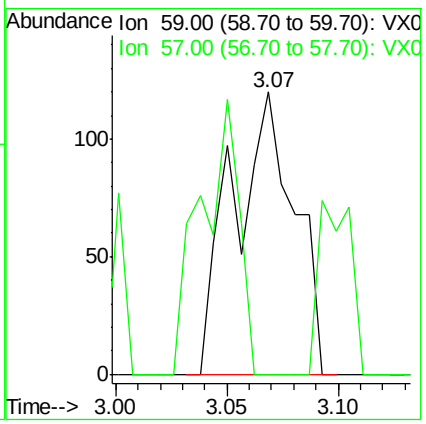


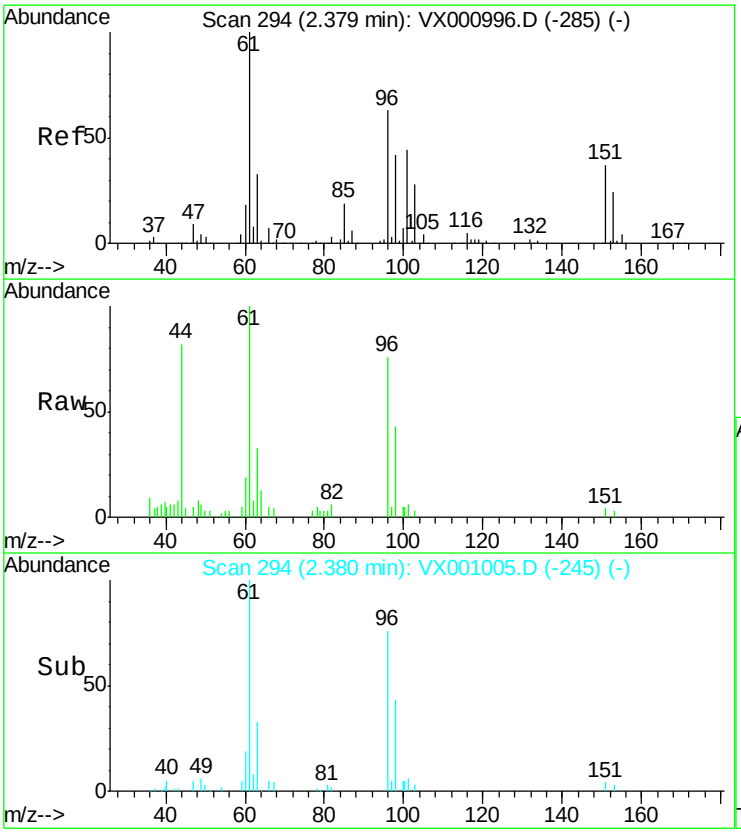
#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 230

Ion	Ratio	Lower	Upper
59	100		
57	60.4	8.3	12.5#

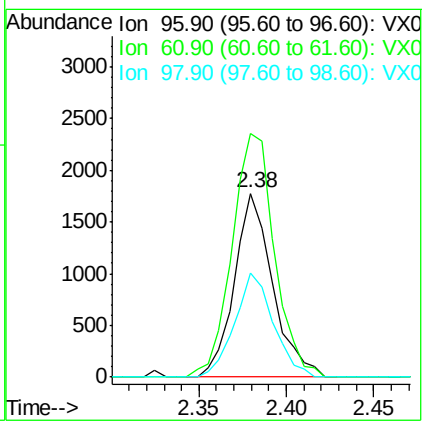


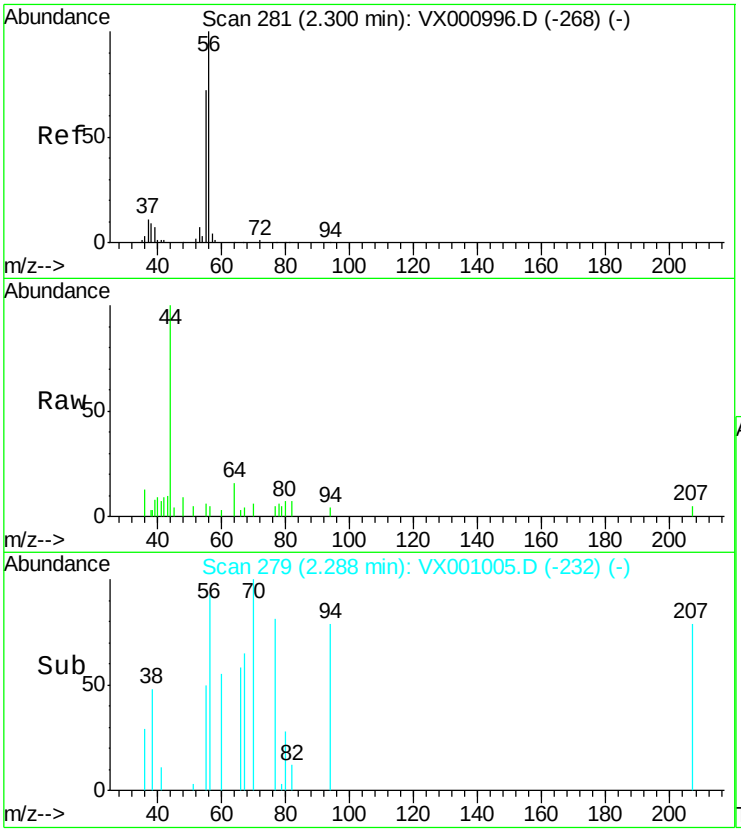


#12
1,1-Dichloroethene
Concen: 1.10 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 96 Resp: 2702

Ion	Ratio	Lower	Upper
96	100		
61	132.4	126.4	189.6
98	56.4	52.6	78.8



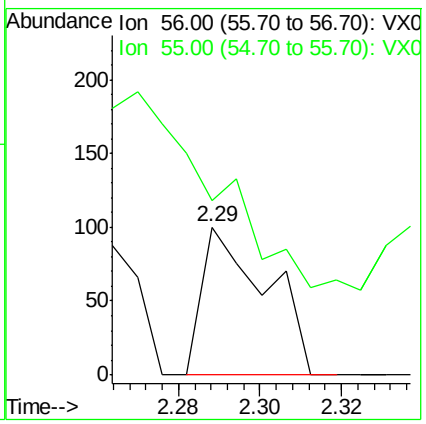


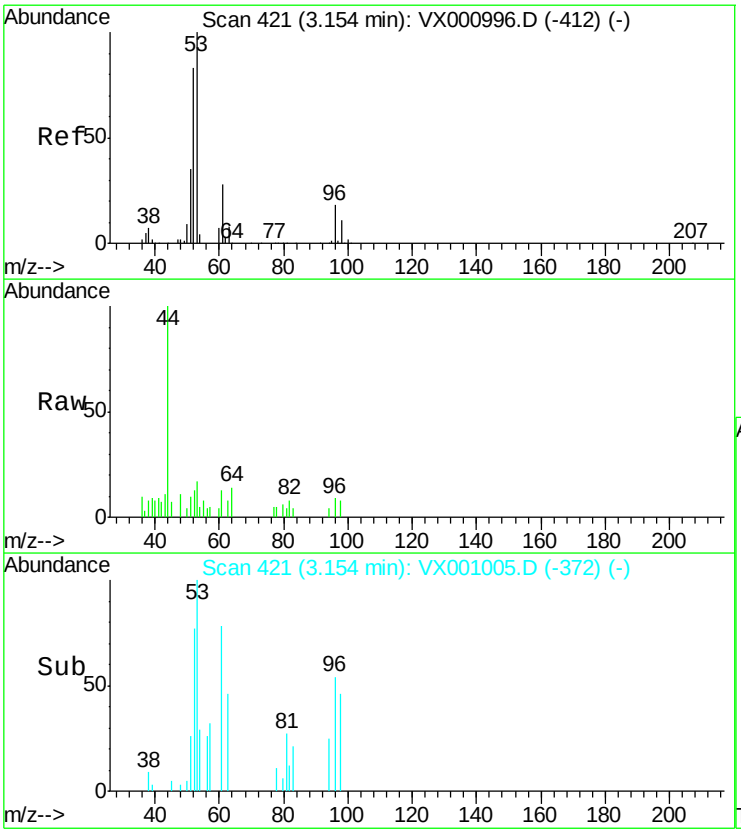
#13
Acrolein
Concen: 11.63 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 110

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.2#

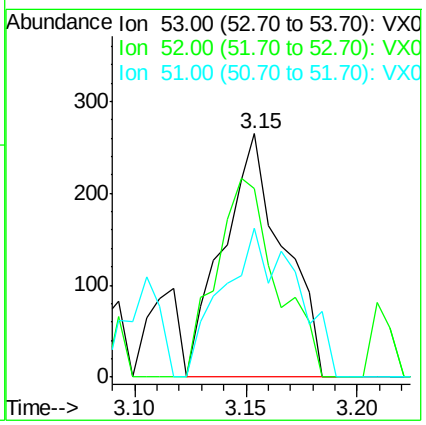


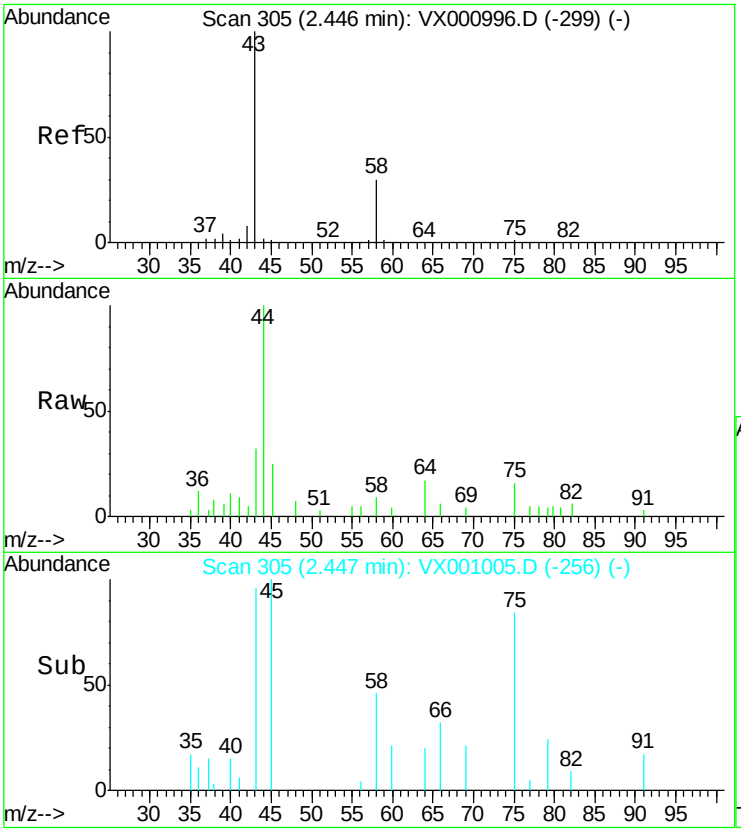


#15
Acrylonitrile
Concen: 0.38 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 53 Resp: 496

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.4	99.6
51	74.2	29.0	43.6#



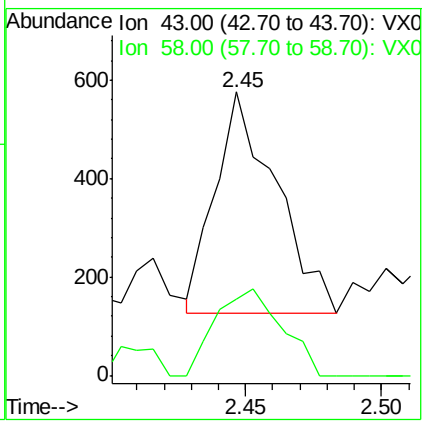


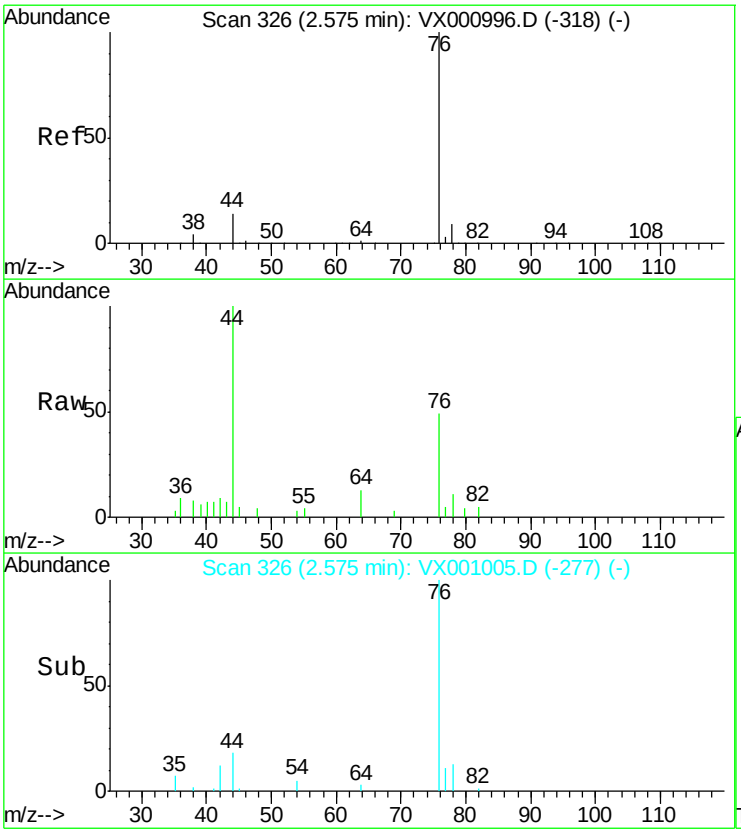
#16
Acetone
Concen: 0.58 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 696

Ion	Ratio	Lower	Upper
43	100		
58	34.7	23.7	35.5

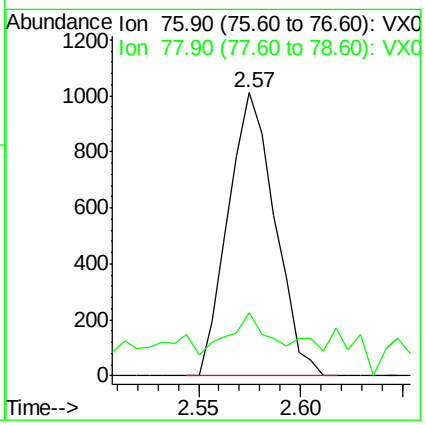


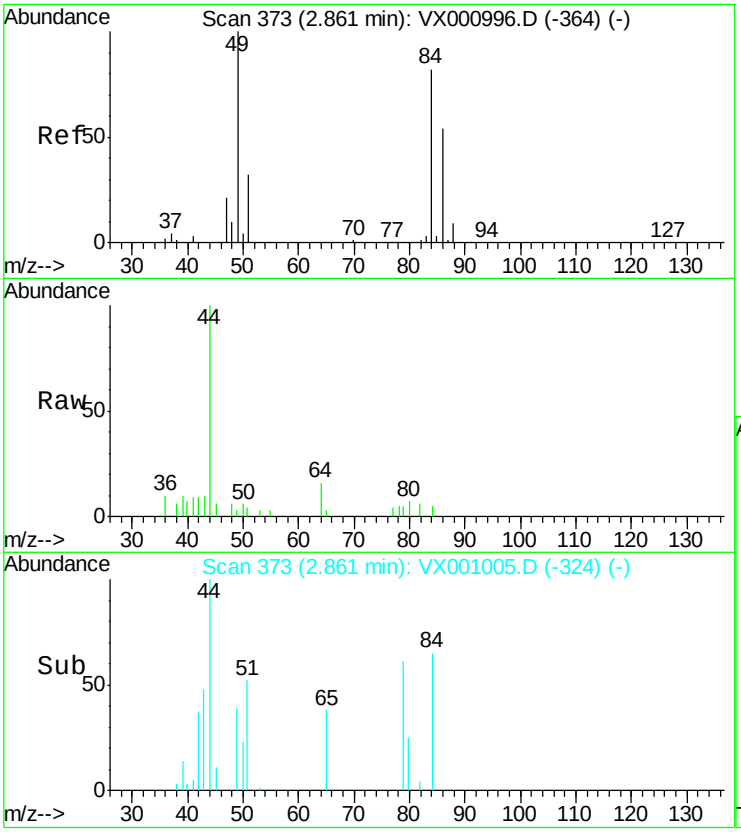


#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 76 Resp: 1609

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.3	10.9



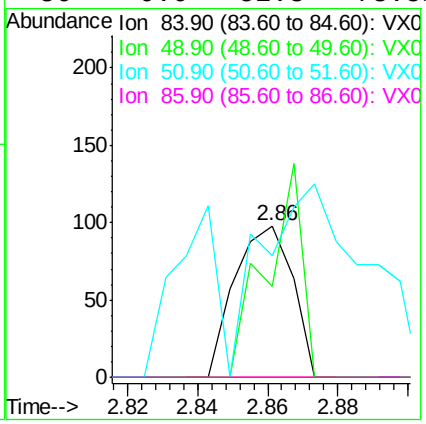


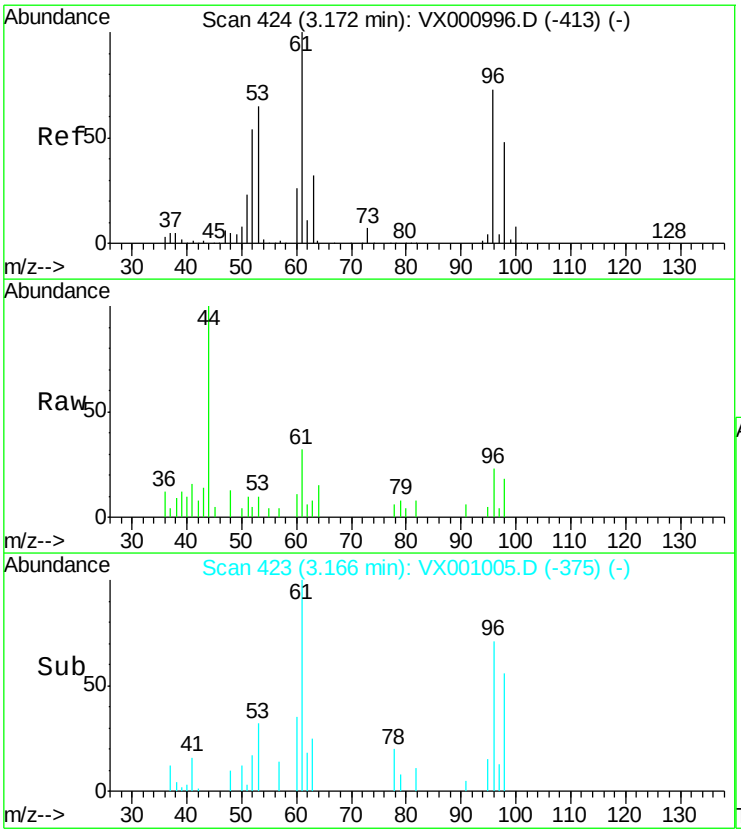
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 112

Ion	Ratio	Lower	Upper
84	100		
49	60.2	97.1	145.7#
51	0.0	30.8	46.2#
86	0.0	52.3	78.5#

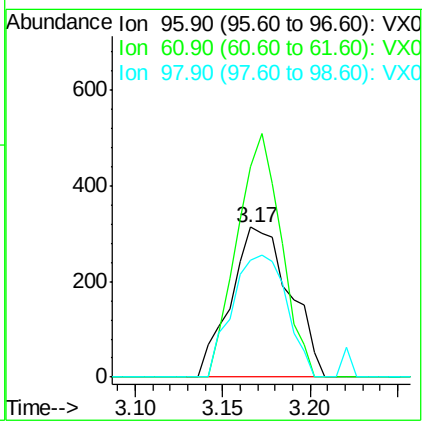


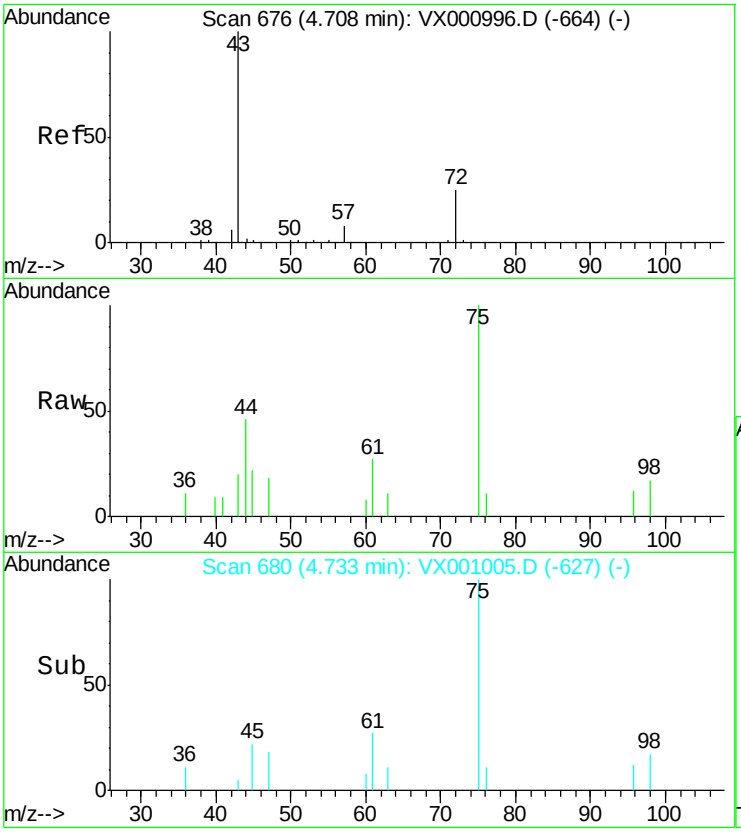


#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 96 Resp: 741

Ion	Ratio	Lower	Upper
96	100		
61	140.9	109.4	164.2
98	78.3	52.6	78.8



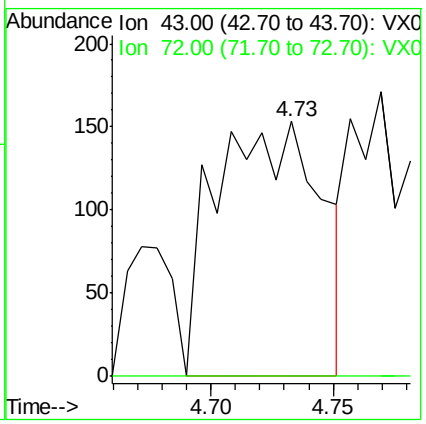


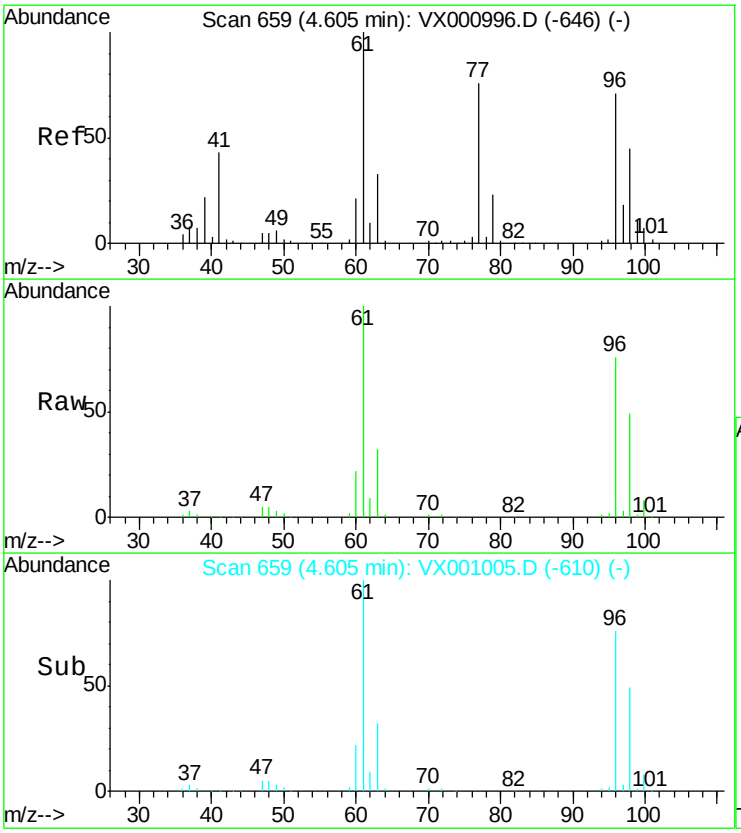
#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 455

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.9	29.9#

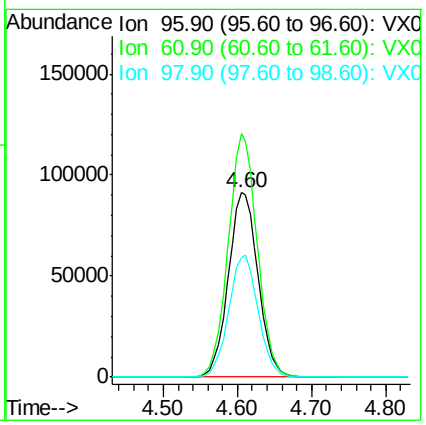


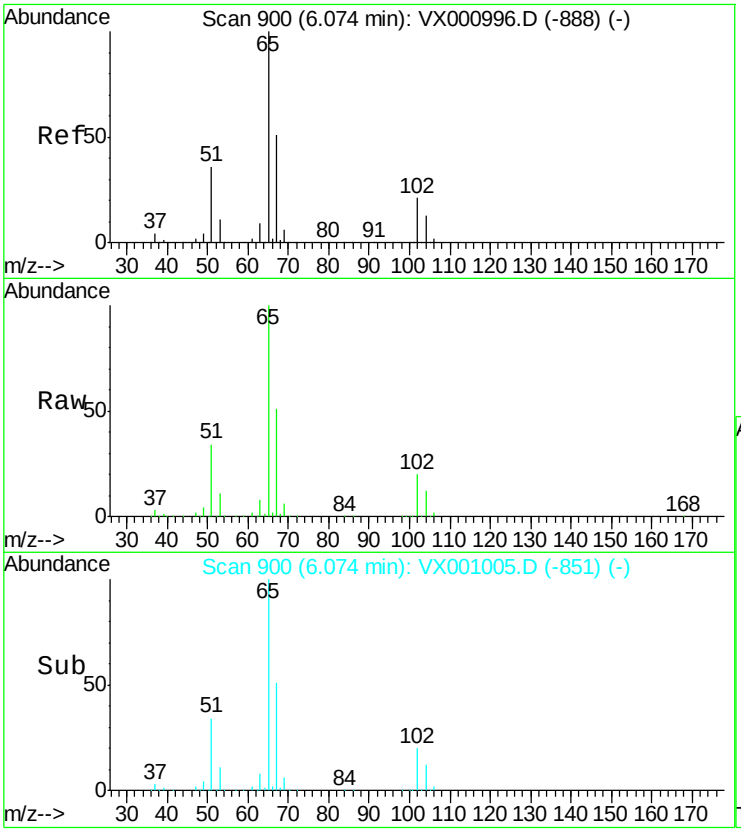


#27
cis-1,2-Dichloroethene
Concen: 83.69 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 96 Resp: 254942

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	297.0
98	65.4	0.0	130.0



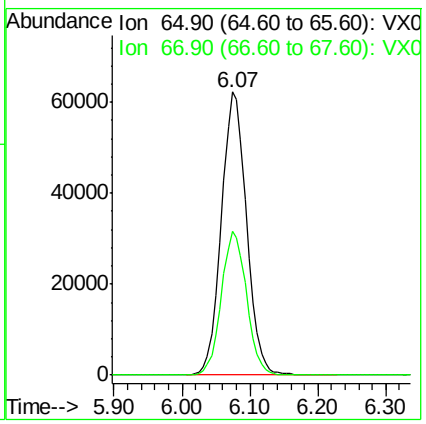


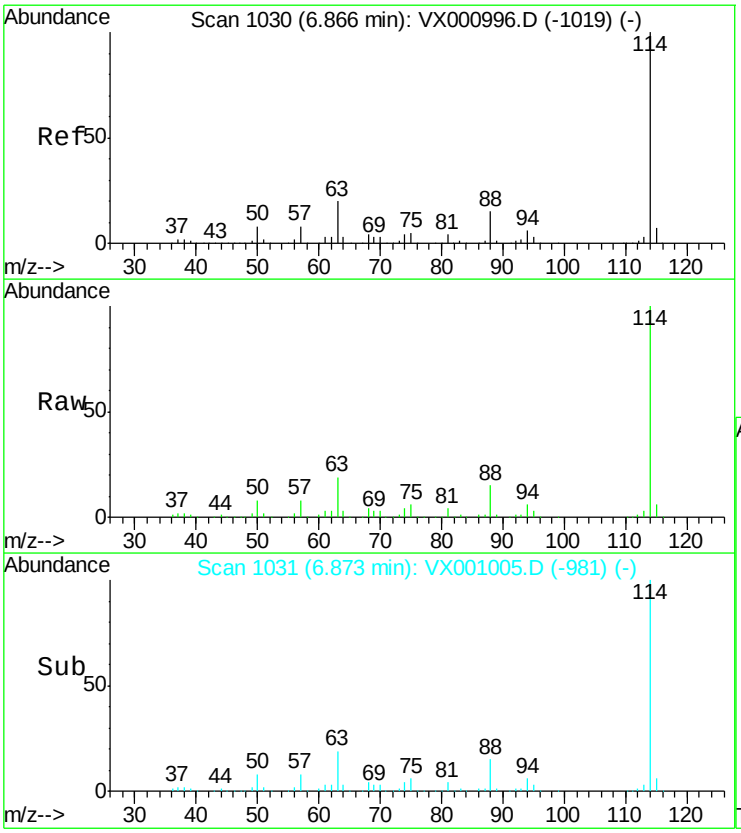
#33
1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 159670

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6

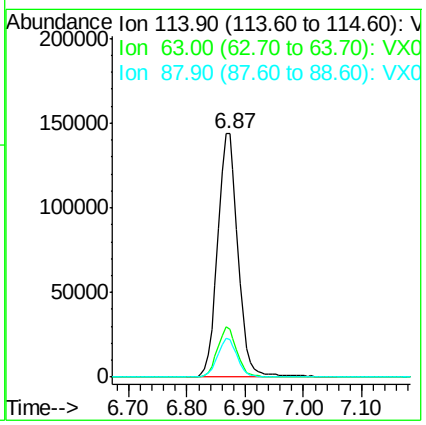


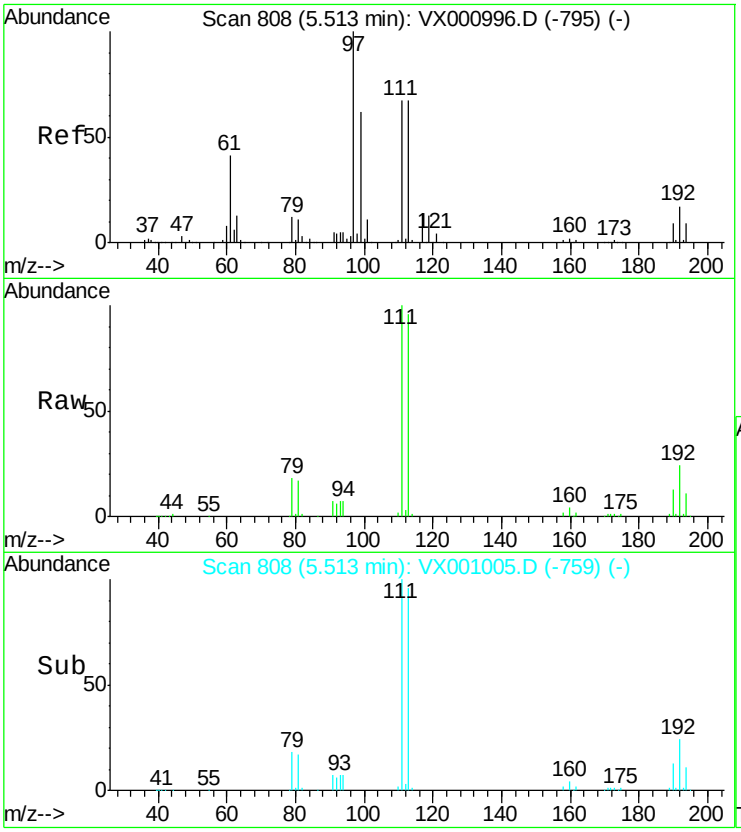


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:114 Resp: 348639

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.4
88	15.4	0.0	29.8



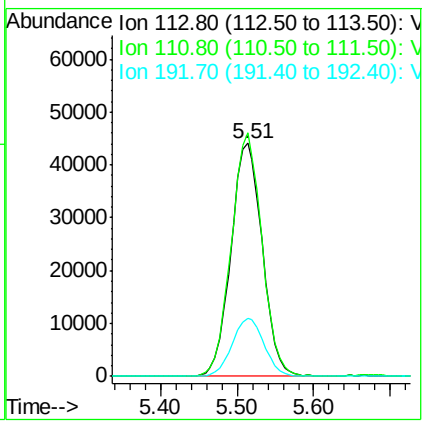


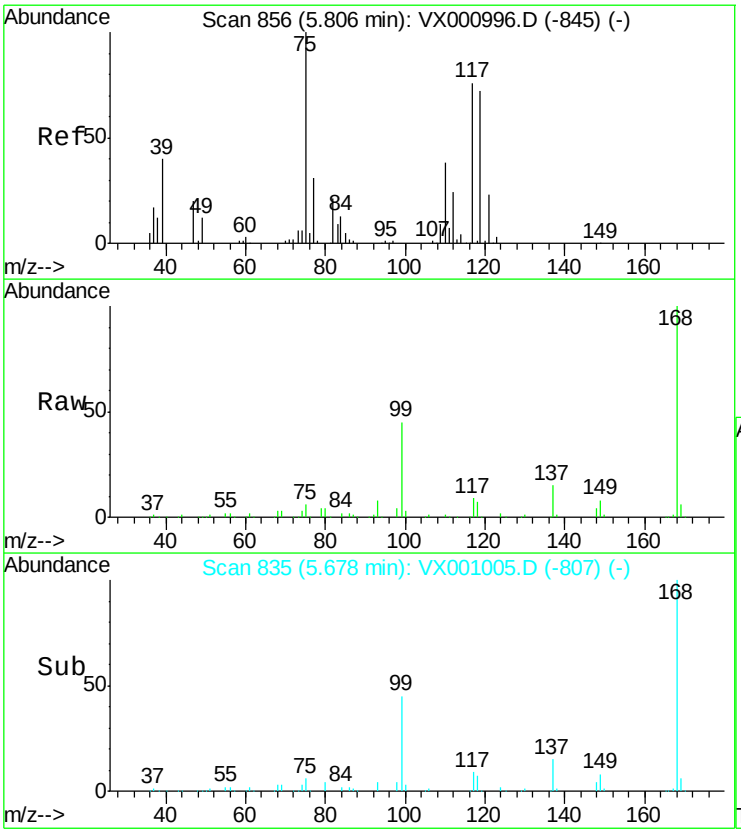
#35
Dibromofluoromethane
Concen: 46.96 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 124842

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	25.4	20.4	30.6

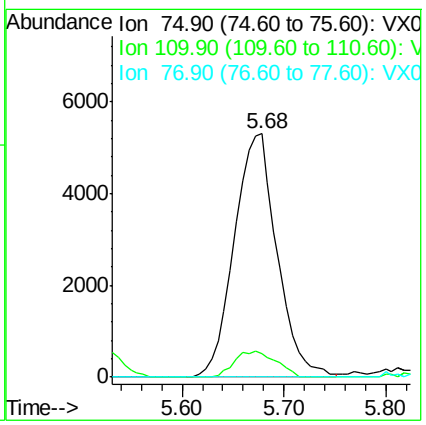


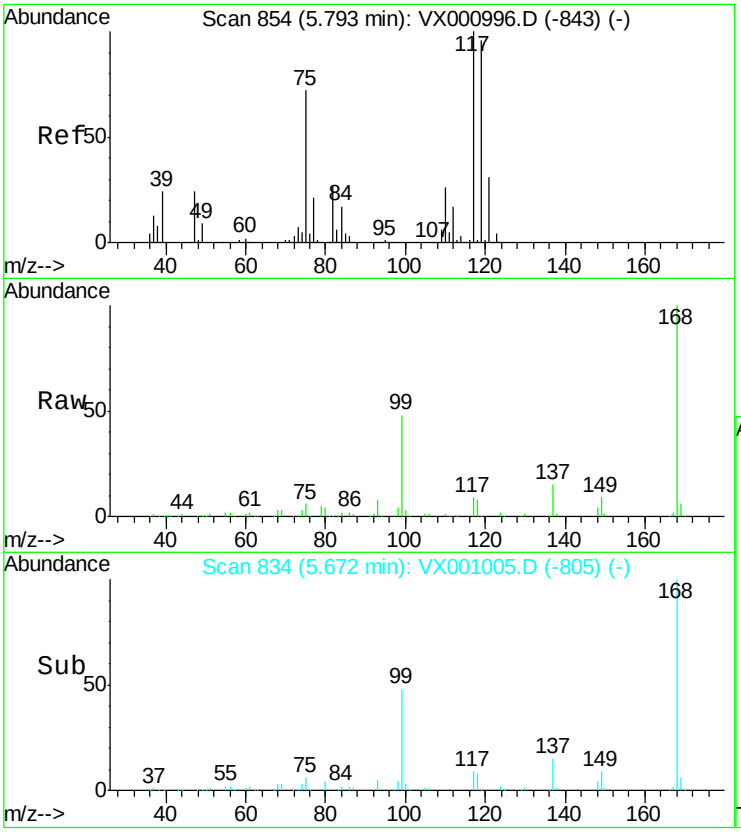


#36
1,1-Dichloropropene
Concen: 3.77 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 75 Resp: 15437

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.7	56.1#
77	0.0	25.0	37.4#



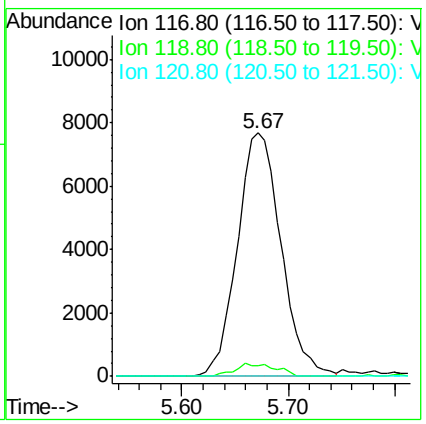


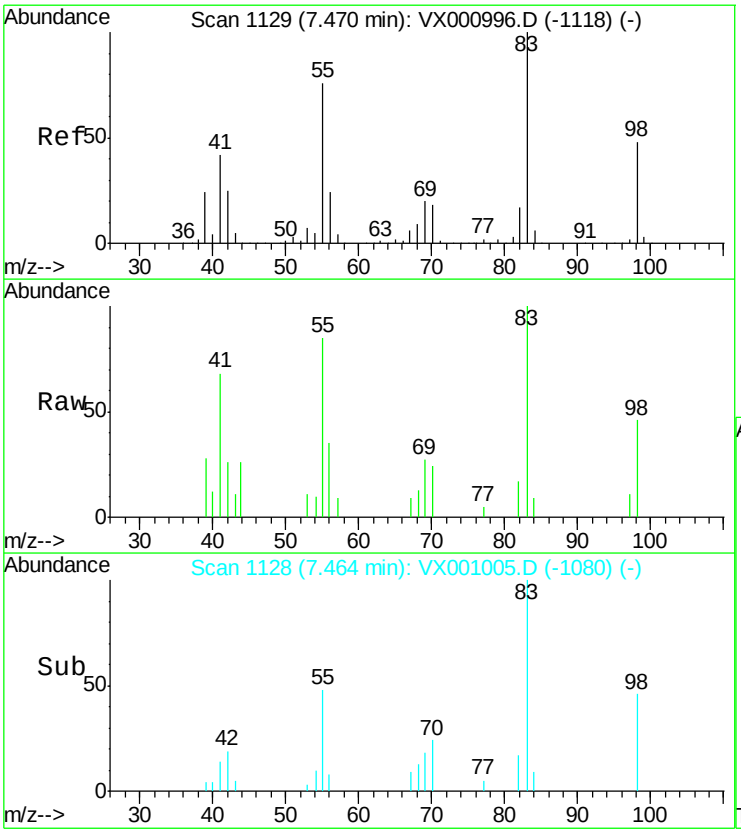
#38
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22079

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	24.5	36.7#

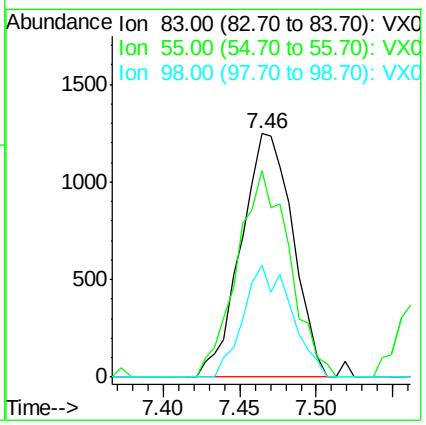


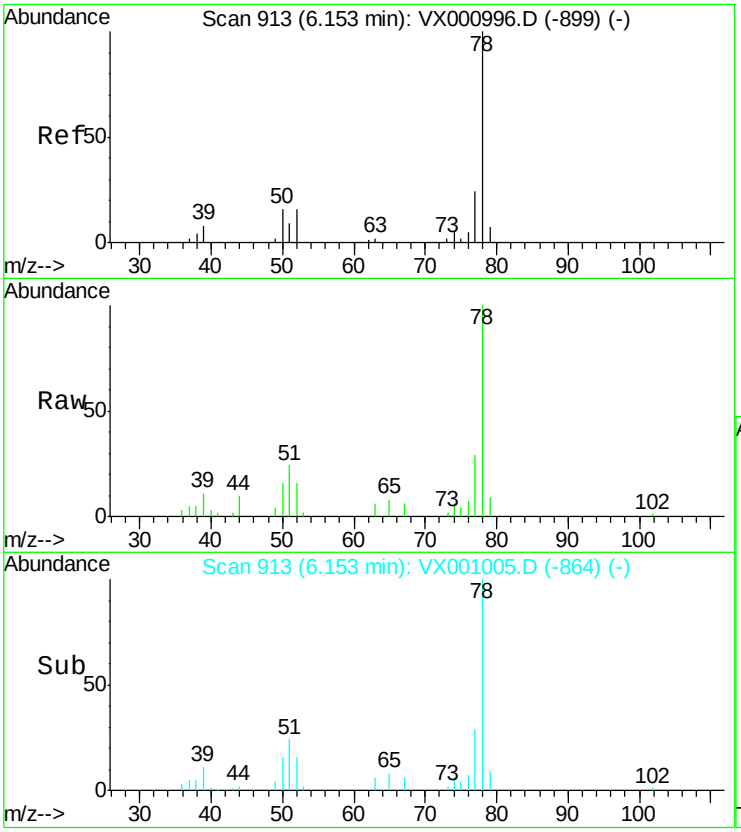


#39
Methylcyclohexane
Concen: 0.61 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 83 Resp: 2931

Ion	Ratio	Lower	Upper
83	100		
55	84.7	60.6	91.0
98	46.0	38.2	57.4



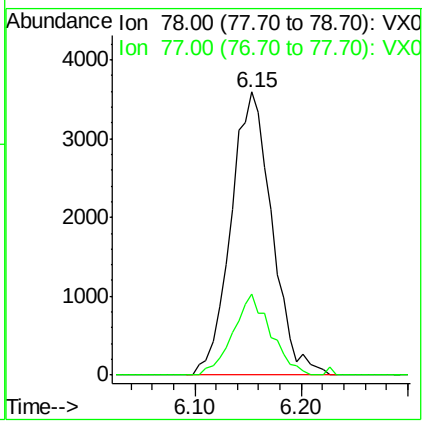


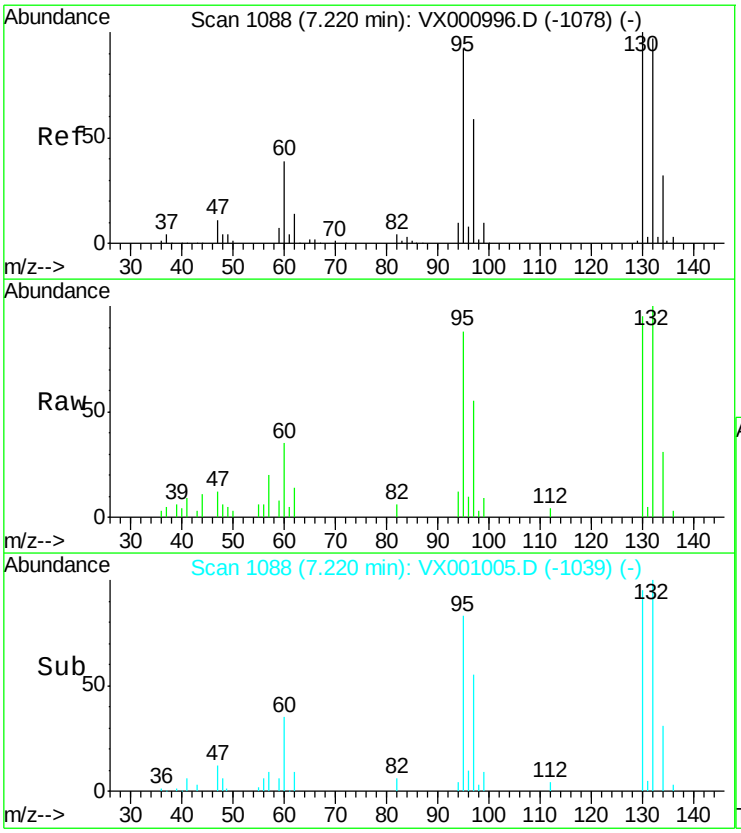
#40
Benzene
Concen: 0.85 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 78 Resp: 9729

Ion	Ratio	Lower	Upper
78	100		
77	28.9	18.9	28.3#

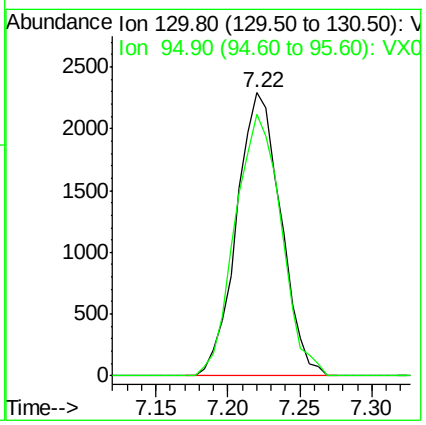


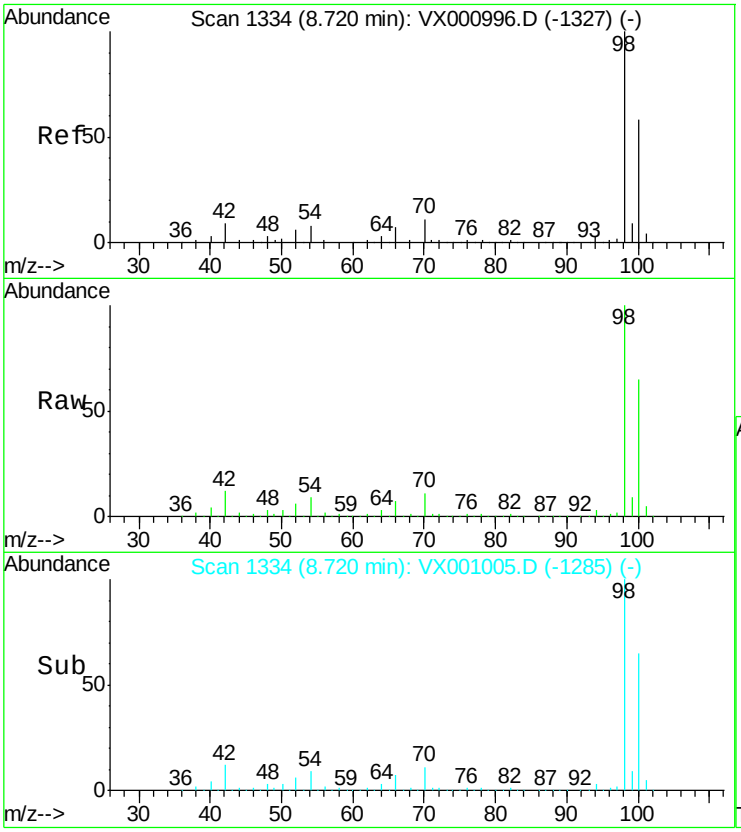


#44
Trichloroethene
Concen: 1.40 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:130 Resp: 4864

Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	184.2



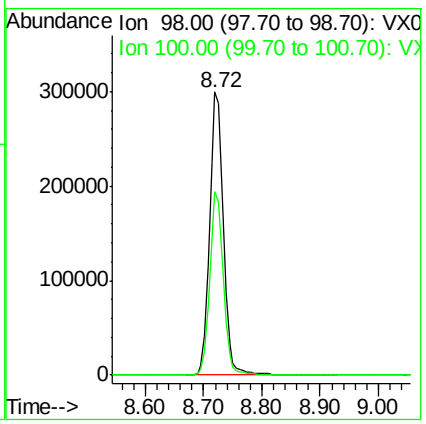


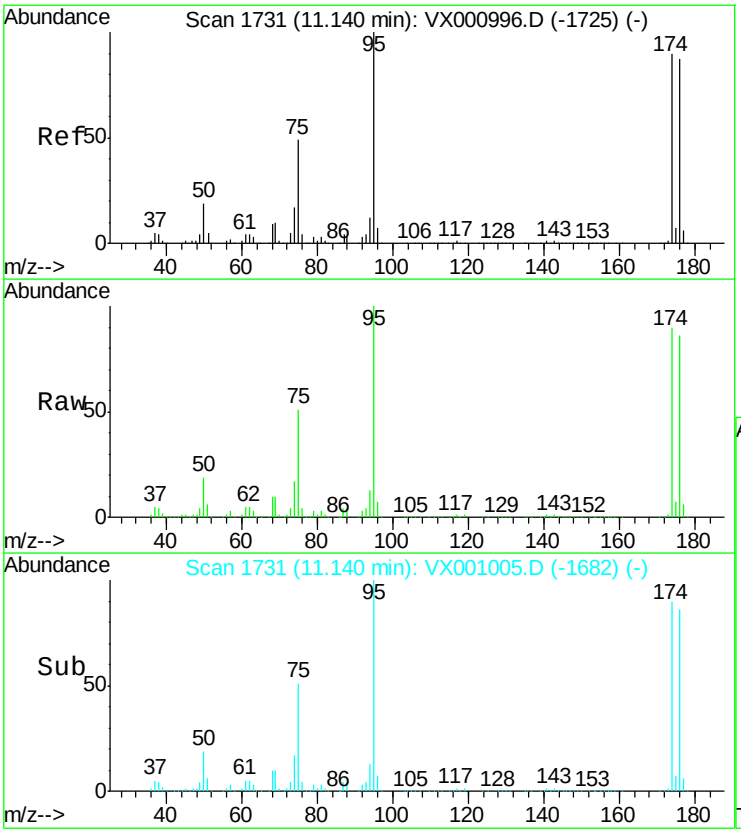
#50
Toluene-d8
Concen: 49.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 490381

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

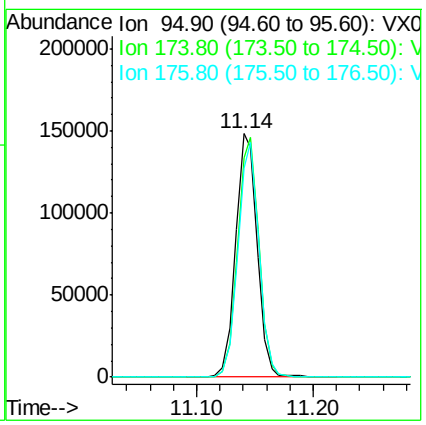


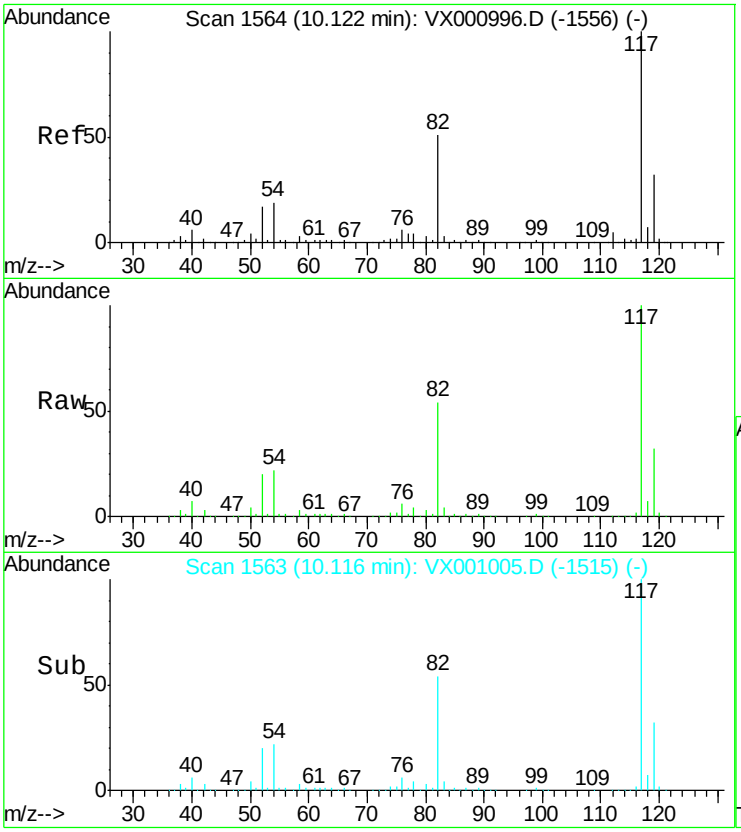


#62
4-Bromofluorobenzene
Concen: 46.22 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 95 Resp: 190691

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	198.4
176	94.1	0.0	192.0



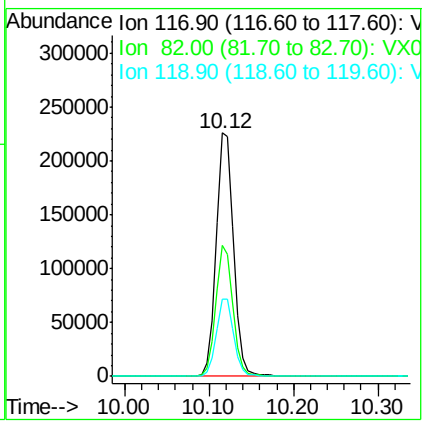


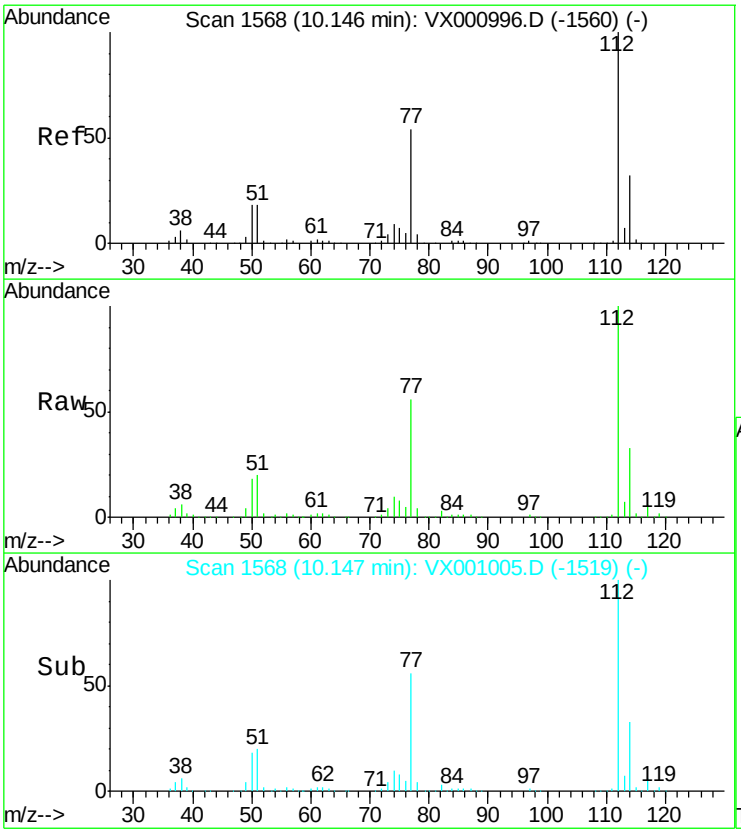
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 324709

Ion	Ratio	Lower	Upper
117	100		
82	54.0	40.6	60.8
119	31.8	26.0	39.0

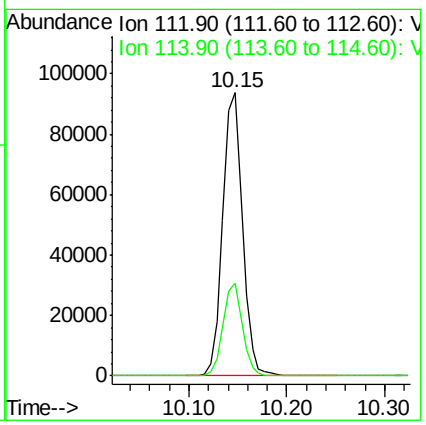


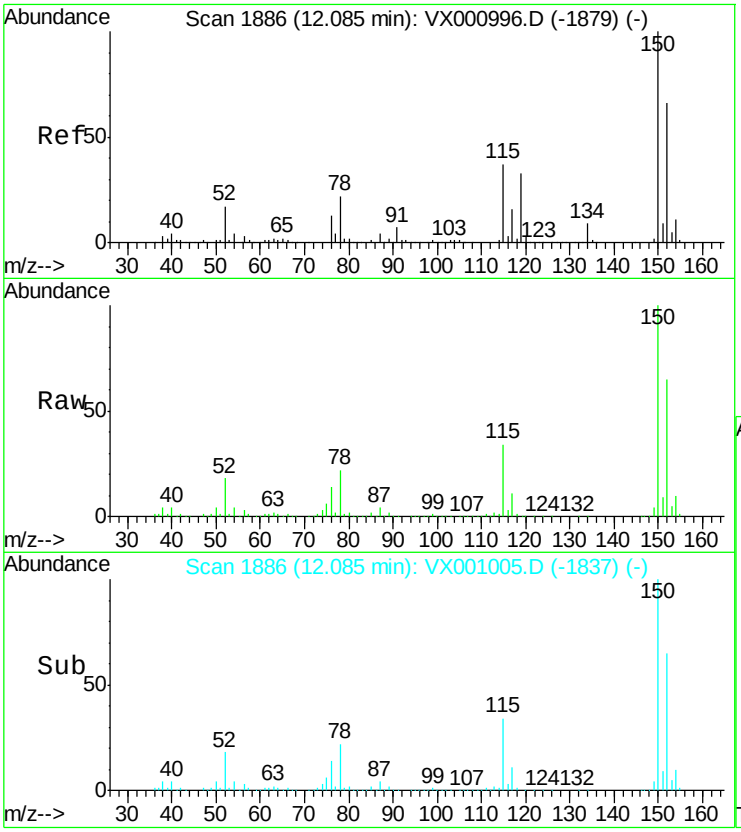


#65
Chlorobenzene
Concen: 15.34 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:112 Resp: 132616

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.5	38.3



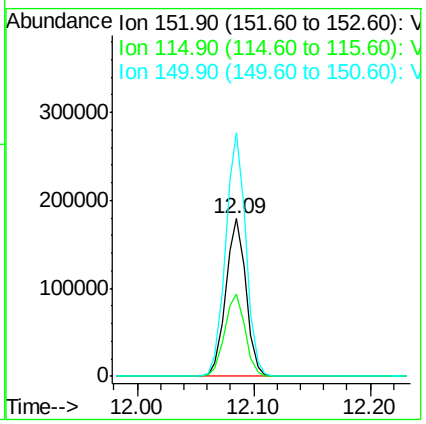


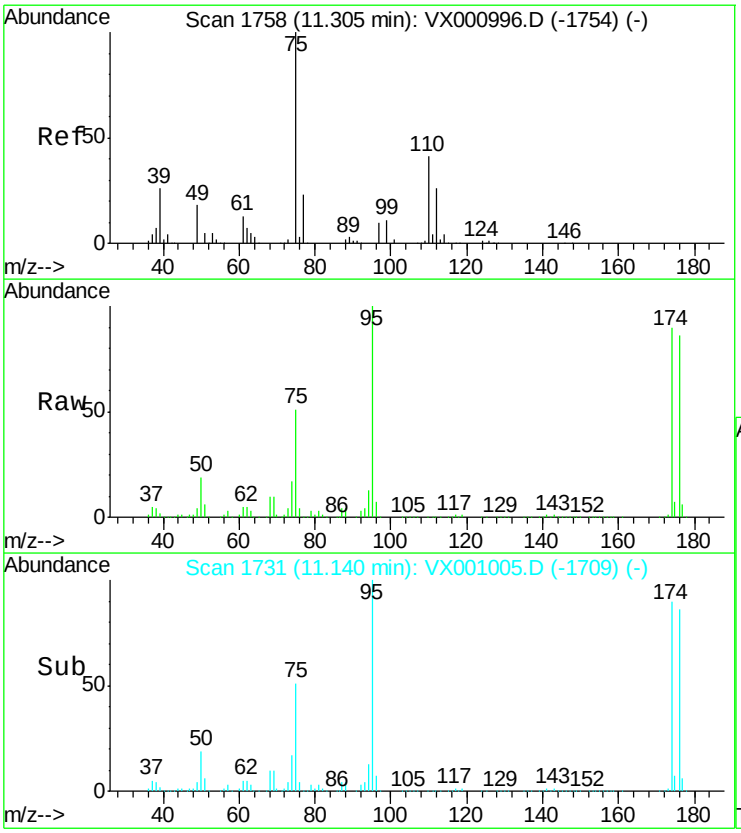
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 214351

Ion	Ratio	Lower	Upper
152	100		
115	53.3	38.2	114.6
150	154.6	0.0	350.4

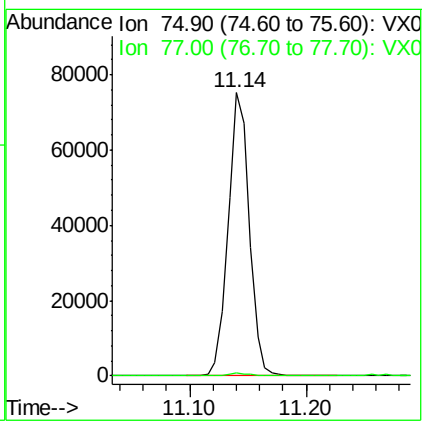


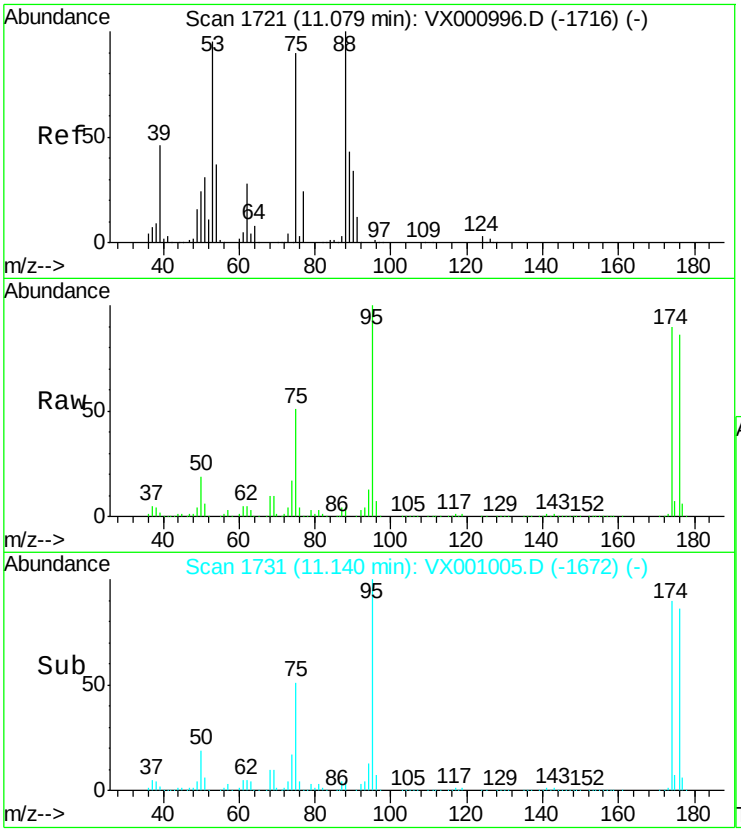


#76
1,2,3-Trichloropropane
Concen: 25.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion: 75 Resp: 95059

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.6	58.7#



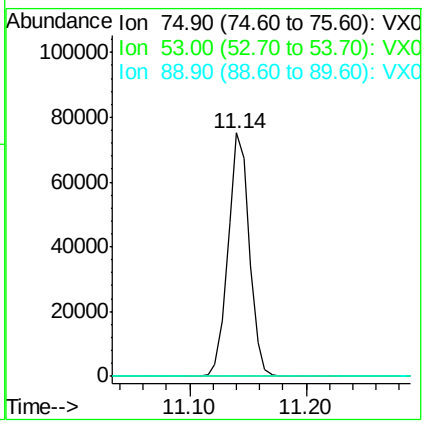


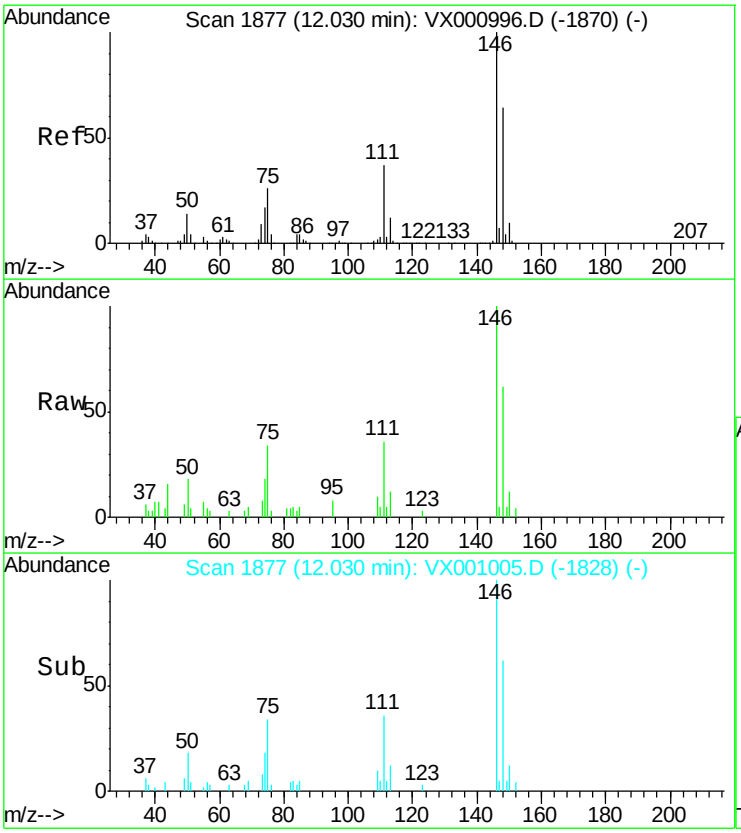
#81
trans-1,4-Dichloro-2-butene
Concen: 76.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95059

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.4	125.2#
89	0.0	39.7	59.5#

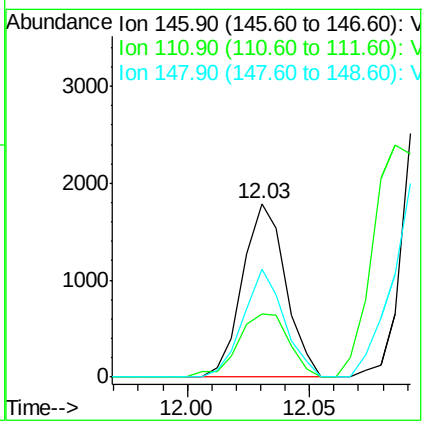


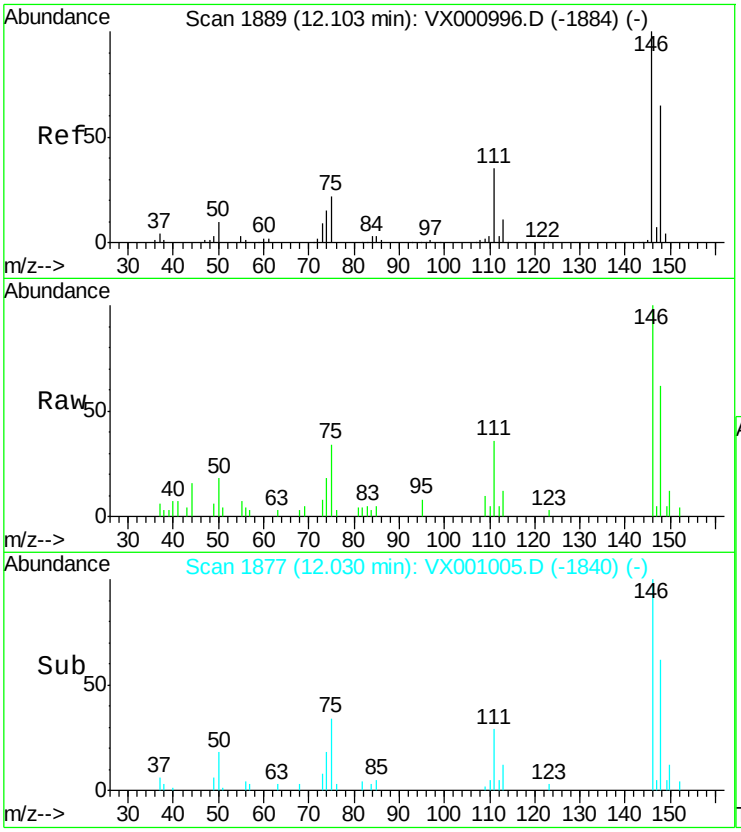


#87
1,3-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:146 Resp: 2183

Ion	Ratio	Lower	Upper
146	100		
111	43.5	18.3	54.8
148	59.5	32.2	96.6



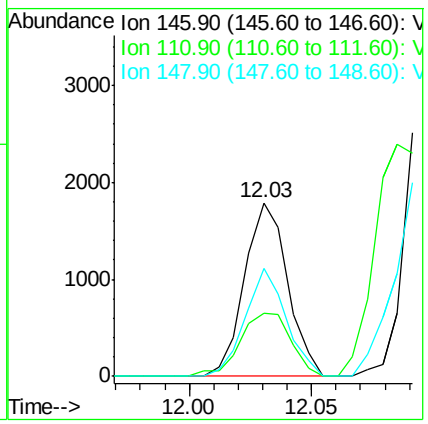


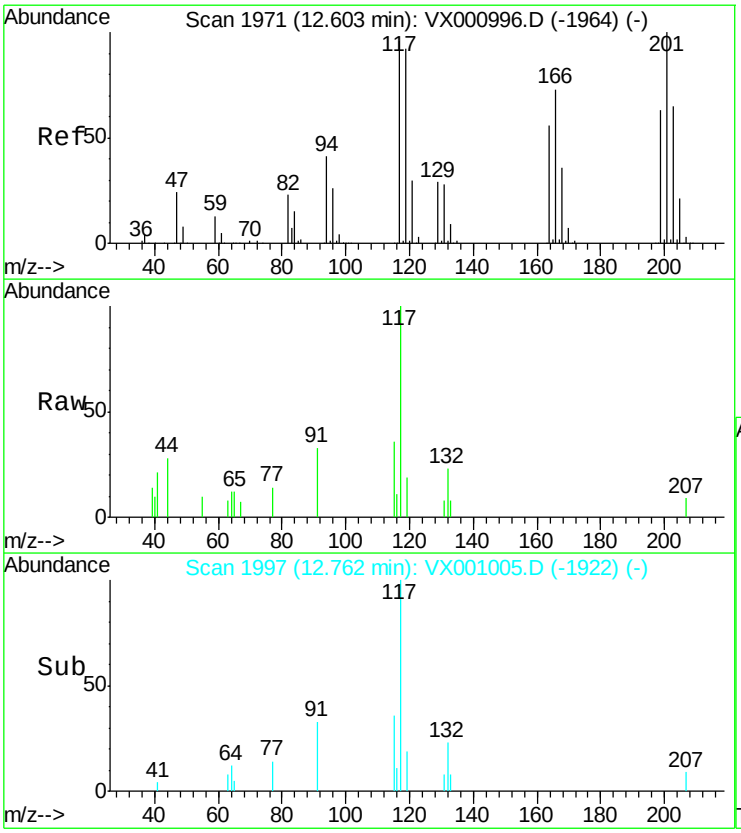
#88
1,4-Dichlorobenzene
Concen: 0.28 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2183

Ion	Ratio	Lower	Upper
146	100		
111	43.5	18.0	54.0
148	59.5	32.4	97.0

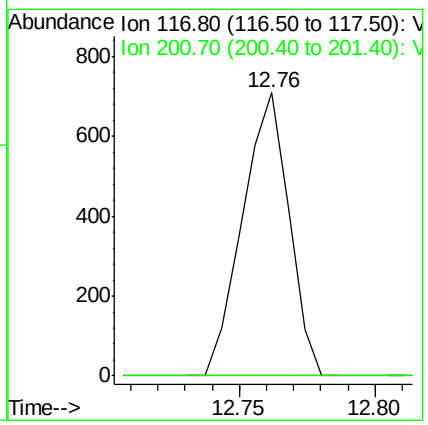


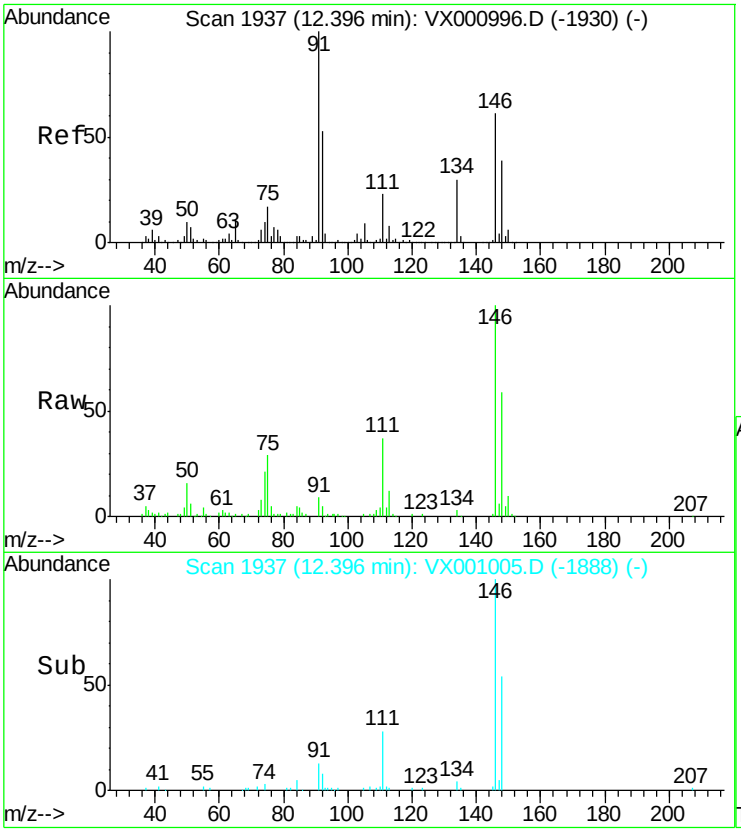


#90
Hexachloroethane
Concen: 0.45 ug/l
RT: 12.76 min Scan# 1997
Delta R.T. 0.16 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:117 Resp: 837

Ion	Ratio	Lower	Upper
117	100		
201	0.0	52.3	157.1#



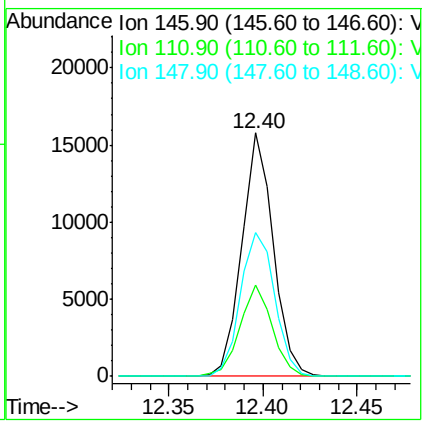


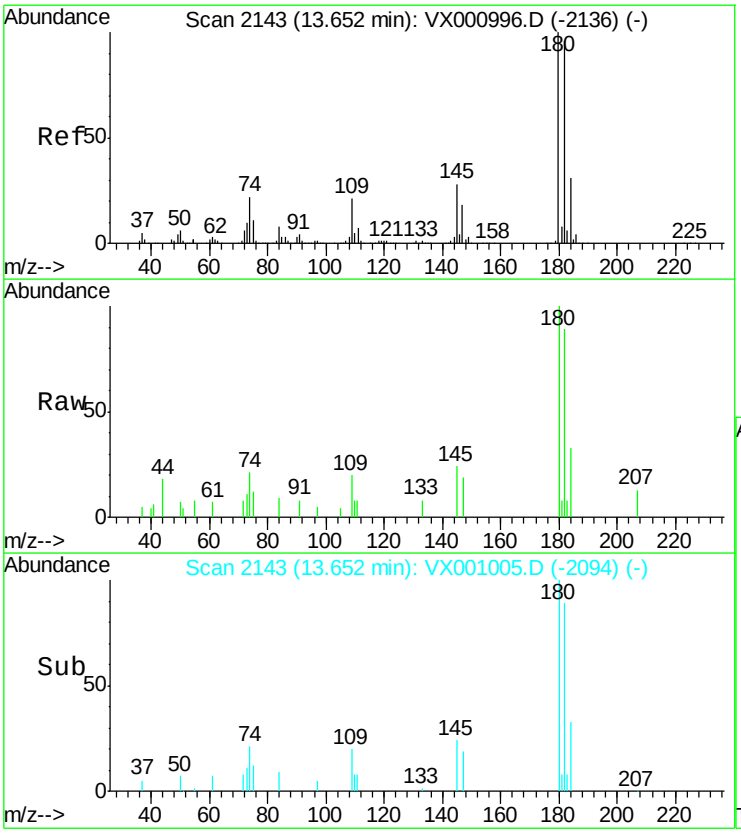
#91
1,2-Dichlorobenzene
Concen: 2.48 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 18253

Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.6	56.0
148	64.2	32.3	96.8

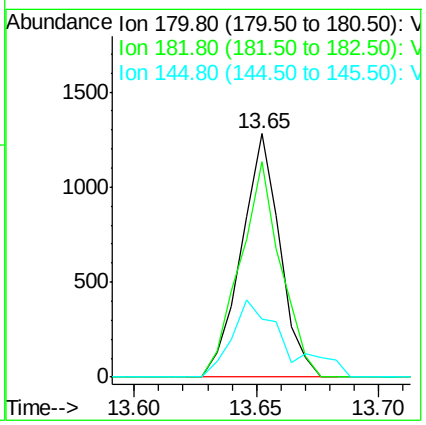


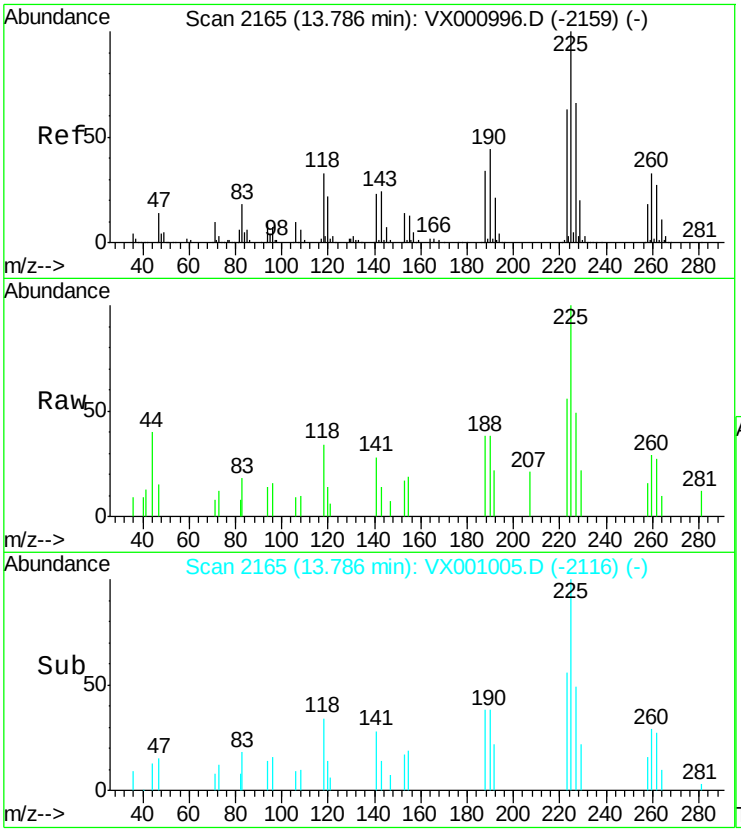


#93
1,2,4-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Tgt Ion:180 Resp: 1406

Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.0	144.0
145	43.9	13.9	41.7#





#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX001005.D
Acq: 20 Apr 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 815

Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.5	94.5
227	69.3	32.6	97.8