Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002225.D
Acq On : 01 Jun 2018 21:16
Operator : JC/MD
Sample : J3151-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:22:19 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	232318	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	344073	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	310762	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170418	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	230210	55.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.88%				
35) Dibromofluoromethane	5.51	113	166453	48.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.76%				
50) Toluene-d8	8.72	98	662450	53.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.36%				
62) 4-Bromofluorobenzene	11.14	95	229150	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	180	Below Cal			80
3) Chloromethane	1.33	50	740	0.21	ug/l	#	69
5) Bromomethane	1.65	94	1228	Below Cal			86
10) Methyl Iodide	2.52	142	1256	0.32	ug/l	#	86
11) Tert butyl alcohol	3.09	59	184	0.23	ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	1577	0.58	ug/l		94
13) Acrolein	2.30	56	91	0.26	ug/l	#	61
16) Acetone	2.45	43	1937	1.21	ug/l		94
18) Methyl Acetate	2.78	43	467	Below Cal			94
19) Methyl tert-butyl Ether	3.21	73	17002	1.67	ug/l		100
20) Methylene Chloride	2.86	84	528	Below Cal		#	50
21) trans-1,2-Dichloroethene	3.16	96	723	Below Cal		#	68
27) cis-1,2-Dichloroethene	4.60	96	12944	3.67	ug/l		79
28) Bromochloromethane	5.21	49	74	Below Cal		#	14
31) Cyclohexane	5.67	56	5335	0.93	ug/l	#	14
36) 1,1-Dichloropropene	5.67	75	16696	3.49	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21961	3.94	ug/l	#	15
41) Methacrylonitrile	5.06	41	52	Below Cal		#	1
44) Trichloroethene	7.22	130	55600	13.61	ug/l		99
60) Dibromochloromethane	9.34	129	8829	2.00	ug/l	#	11
64) Tetrachloroethene	9.34	164	10009	2.25	ug/l		97
74) N-amyl acetate	6.48	43	186	Below Cal		#	60
75) 1,1,2,2-Tetrachloroethane	11.14	83	288	Below Cal		#	1
76) 1,2,3-Trichloropropane	11.14	75	124121	30.32	ug/l	#	33
79) 2-Chlorotoluene	11.37	91	174	Below Cal		#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	124121	72.88	ug/l	#	10

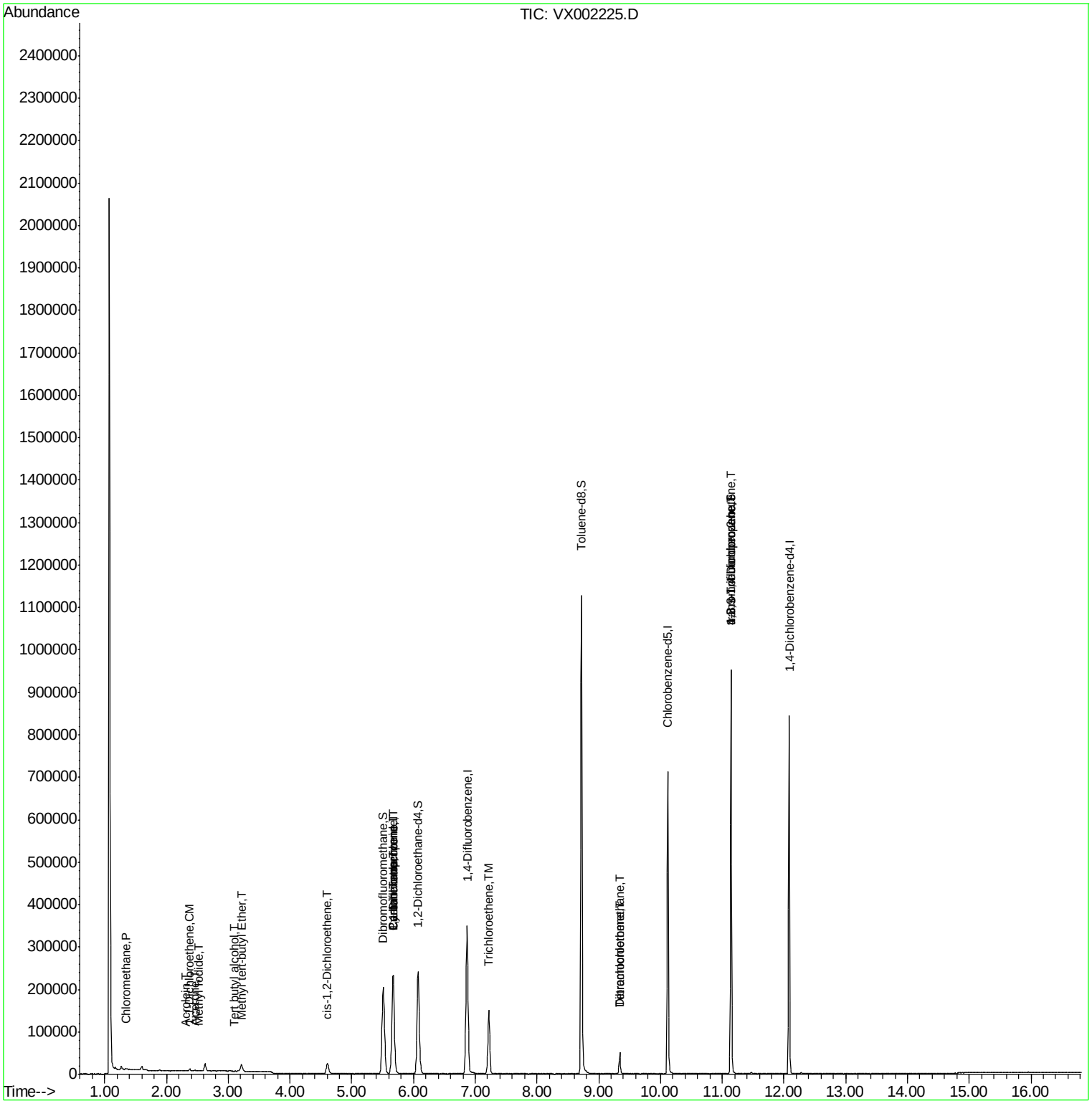
(#) = qualifier out of range (m) = manual integration (+) = signals summed

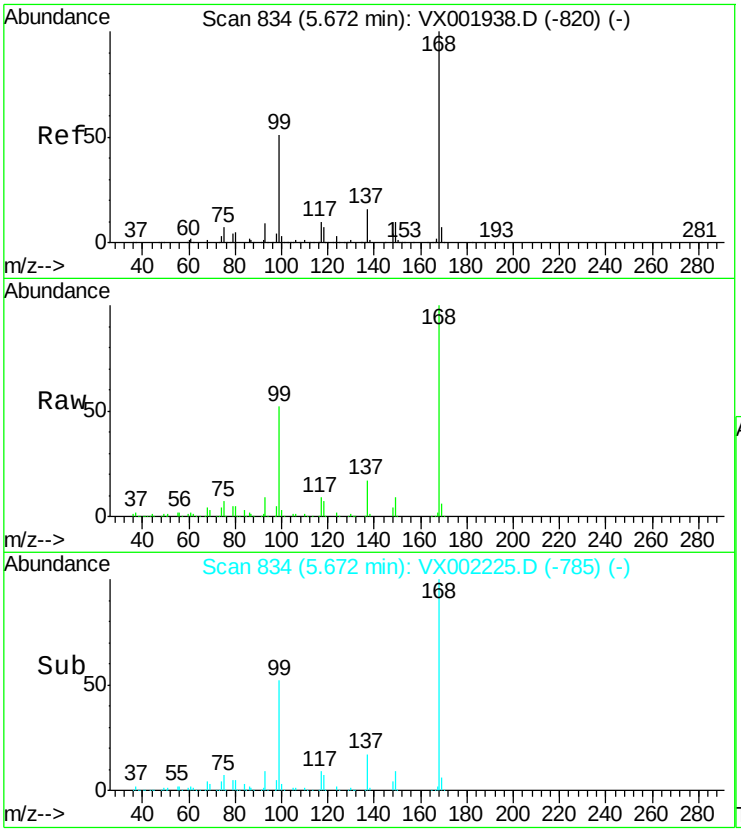
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
Data File : VX002225.D
Acq On : 01 Jun 2018 21:16
Operator : JC/MD
Sample : J3151-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:22:19 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



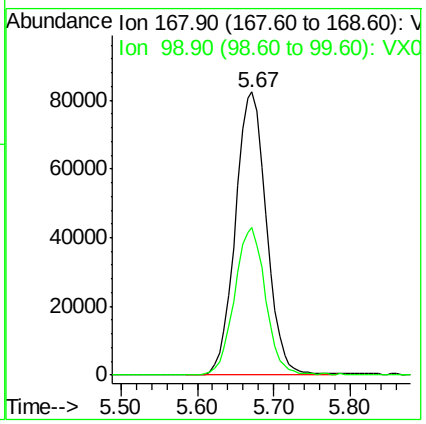


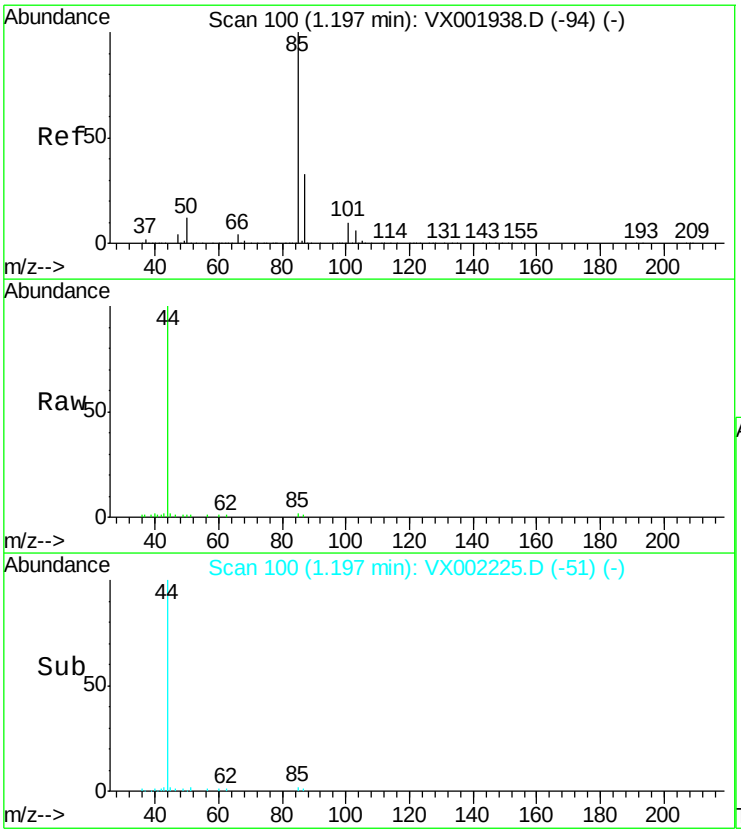
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 232318

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.0	61.4

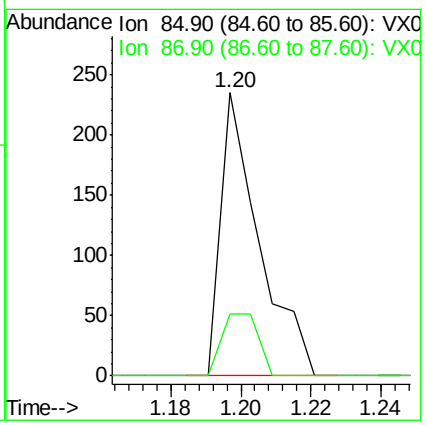


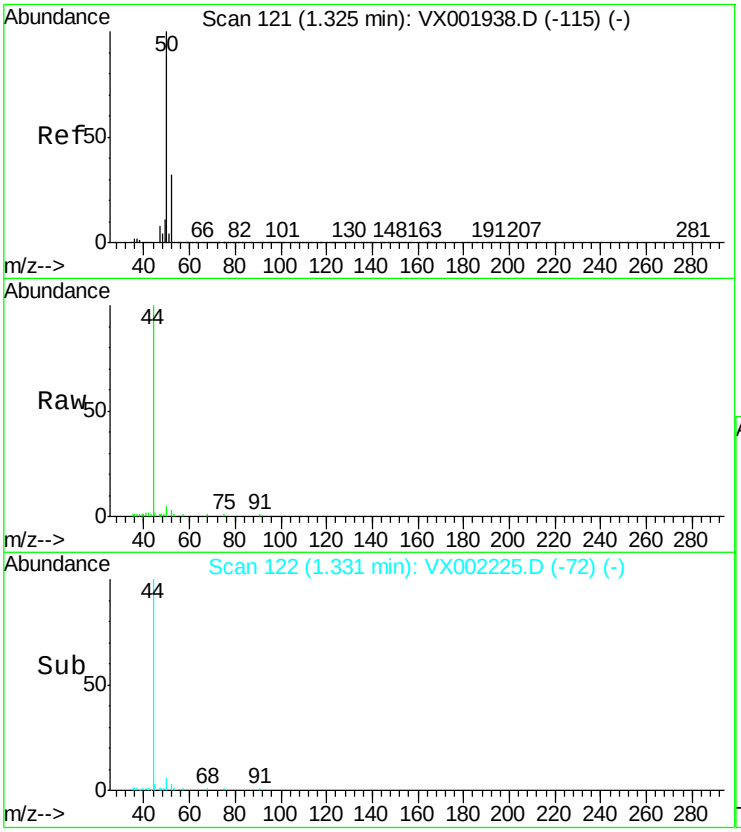


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 85 Resp: 180

Ion	Ratio	Lower	Upper
85	100		
87	22.1	16.7	50.0



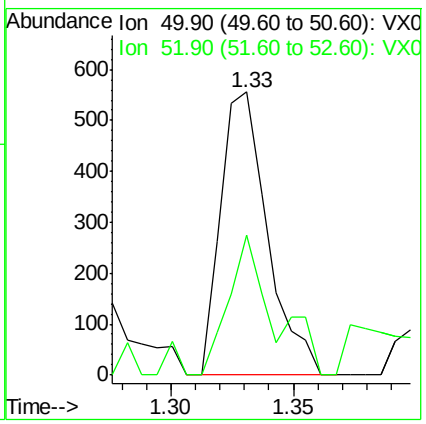


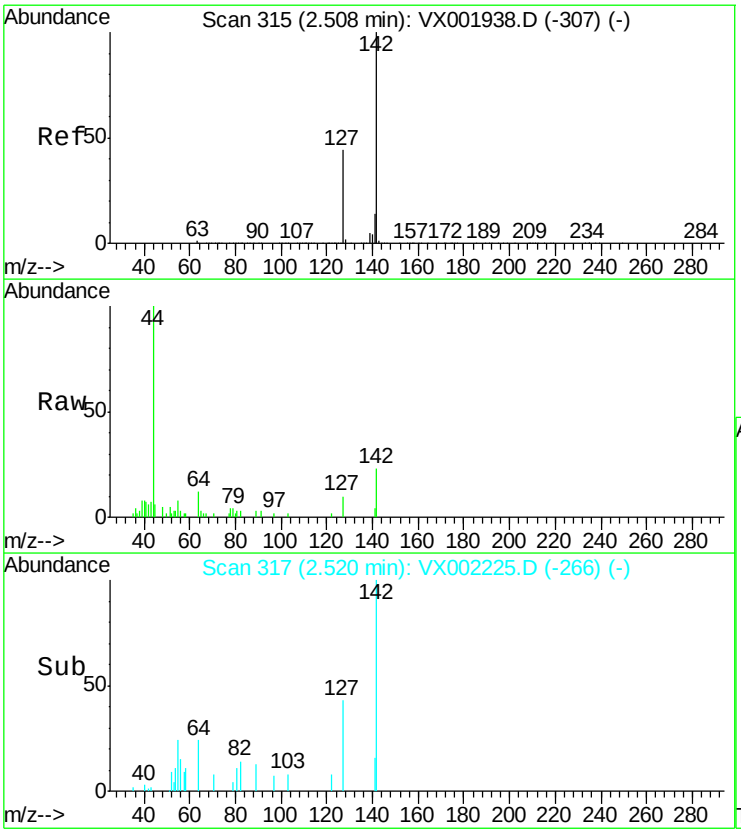
#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 740

Ion	Ratio	Lower	Upper
50	100		
52	49.6	26.0	39.0#

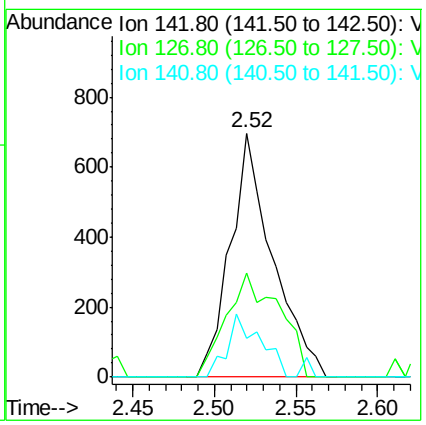


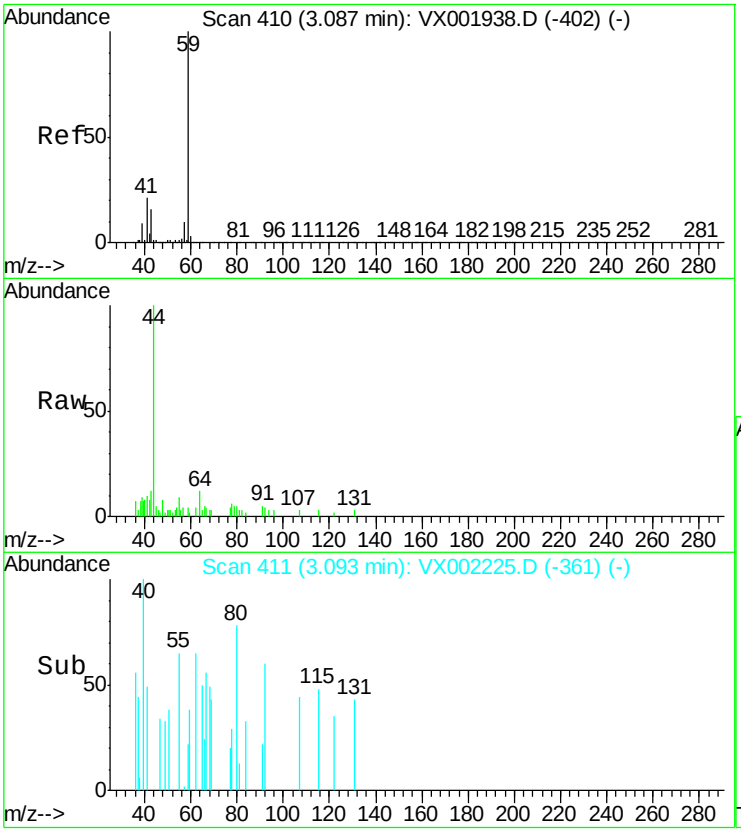


#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:142 Resp: 1256

Ion	Ratio	Lower	Upper
142	100		
127	52.9	35.5	53.3
141	20.1	11.3	16.9#



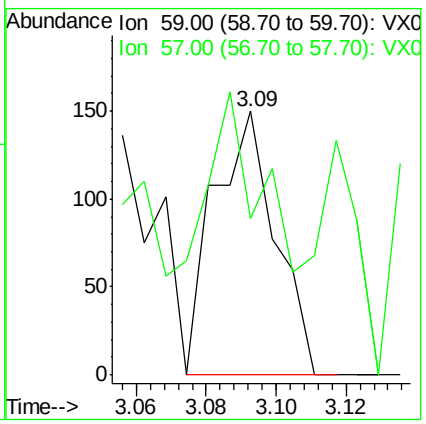


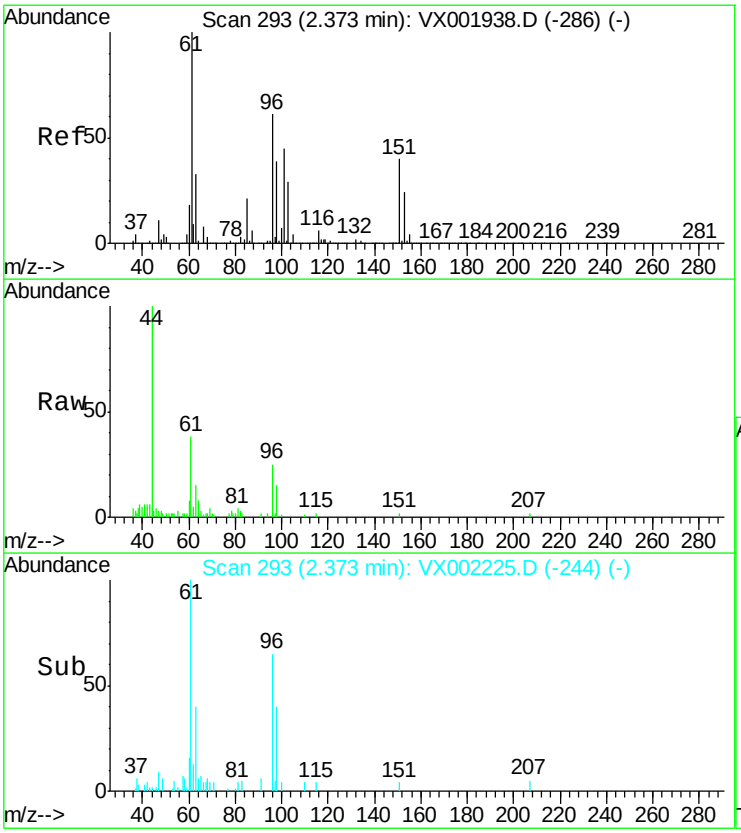
#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 184

Ion	Ratio	Lower	Upper
59	100		
57	71.2	8.9	13.3#

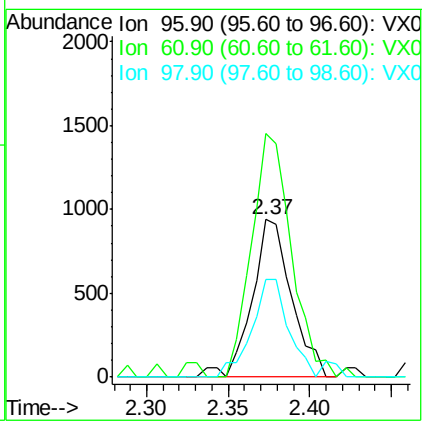


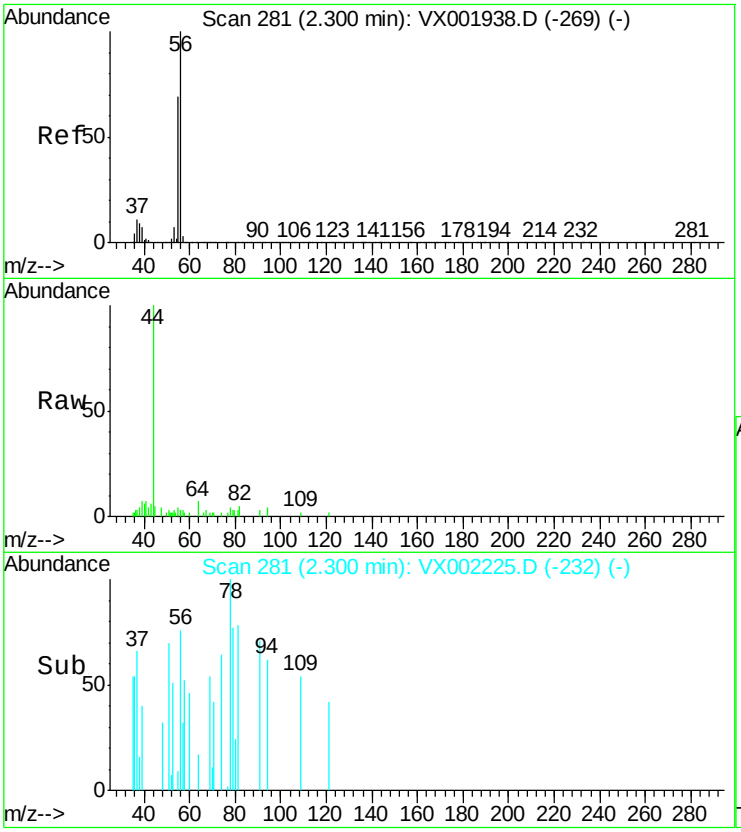


#12
1,1-Dichloroethene
Concen: 0.58 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 96 Resp: 1577

Ion	Ratio	Lower	Upper
96	100		
61	154.9	131.7	197.5
98	62.3	51.6	77.4



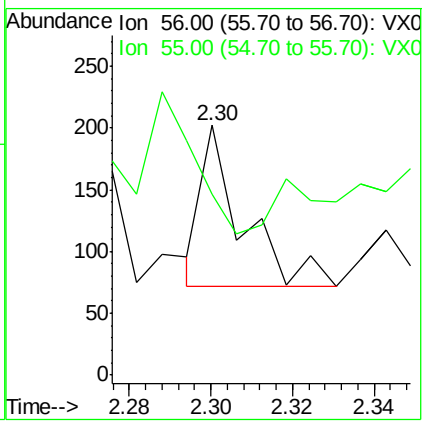


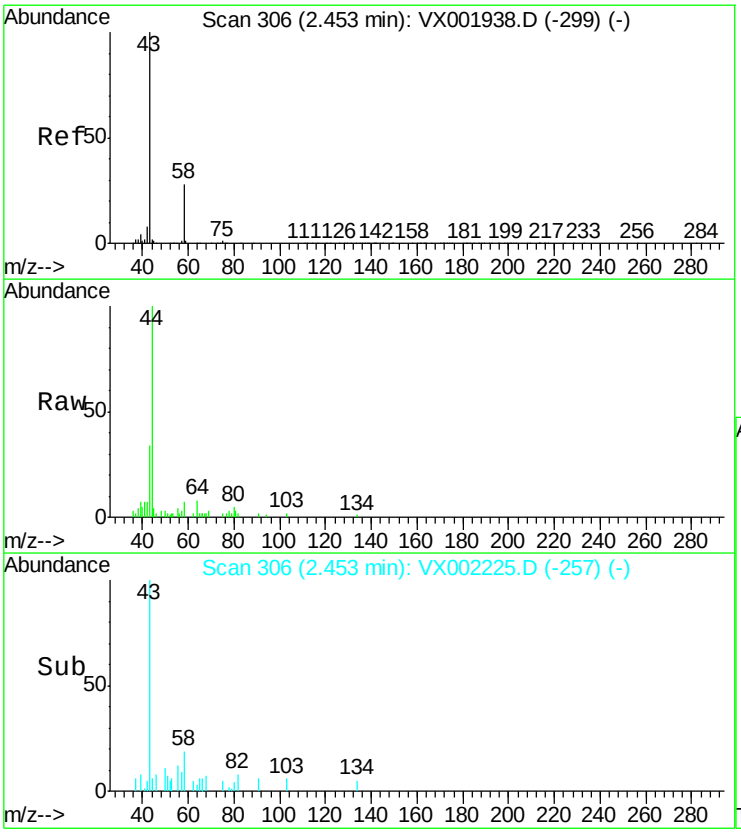
#13
Acrolein
Concen: 0.26 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 91

Ion	Ratio	Lower	Upper
56	100		
55	103.3	56.8	85.2#

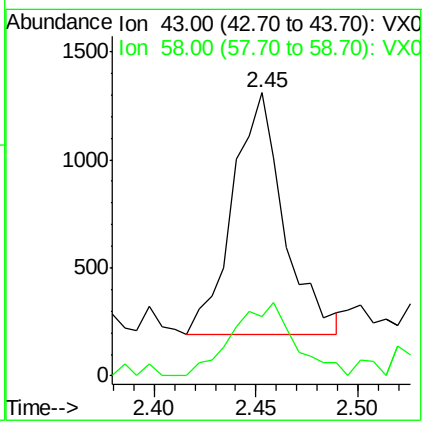


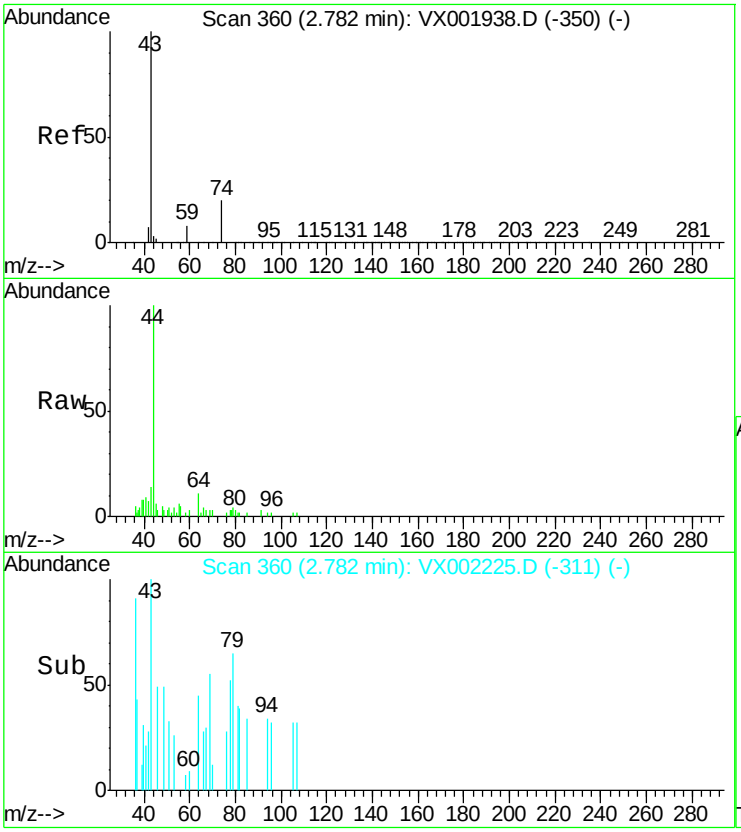


#16
Acetone
Concen: 1.21 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 43 Resp: 1937

Ion	Ratio	Lower	Upper
43	100		
58	24.9	22.3	33.5



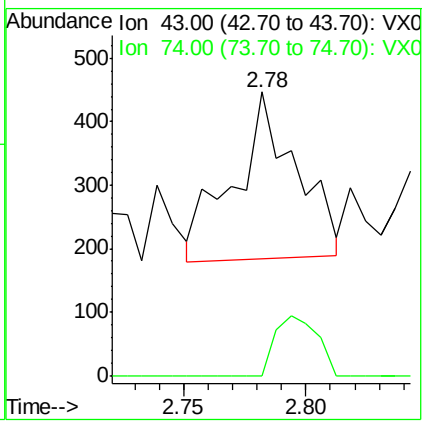


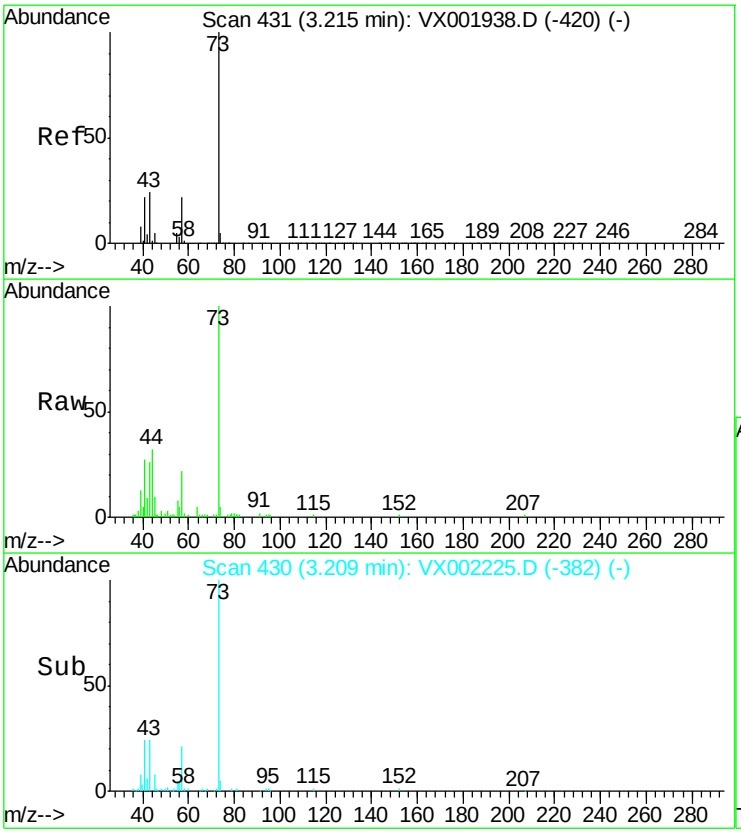
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 467

Ion	Ratio	Lower	Upper
43	100		
74	24.0	16.8	25.2

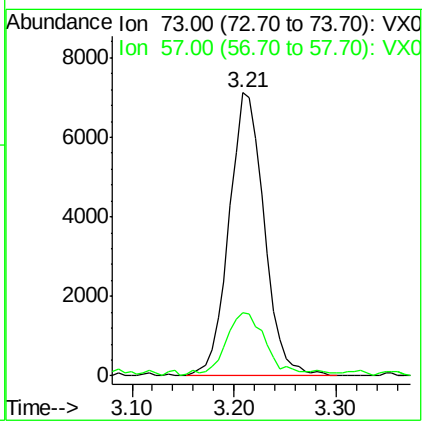


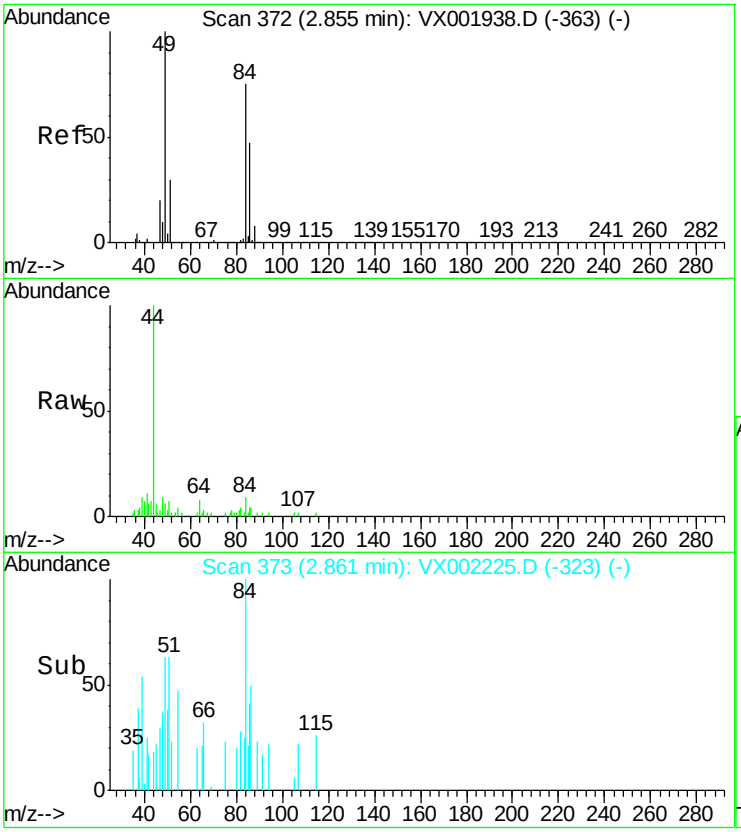


#19
Methyl tert-butyl Ether
Concen: 1.67 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 73 Resp: 17002

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.0



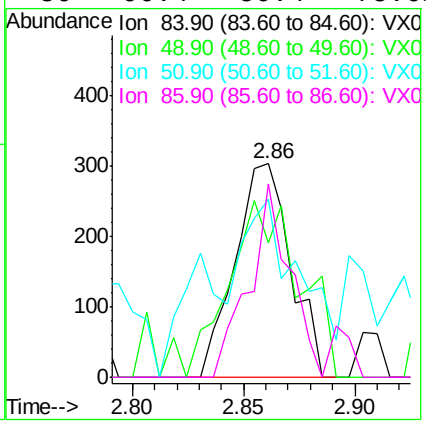


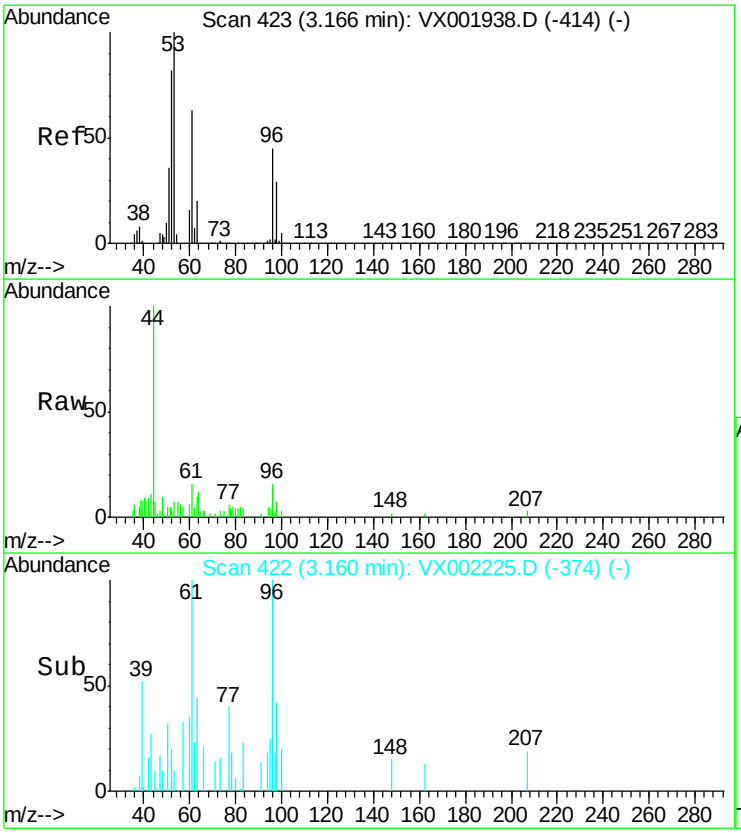
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 528

Ion	Ratio	Lower	Upper
84	100		
49	62.7	107.2	160.8#
51	66.3	32.4	48.6#
86	90.4	50.4	75.6#

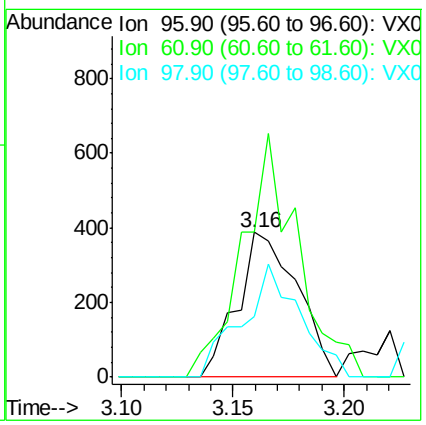


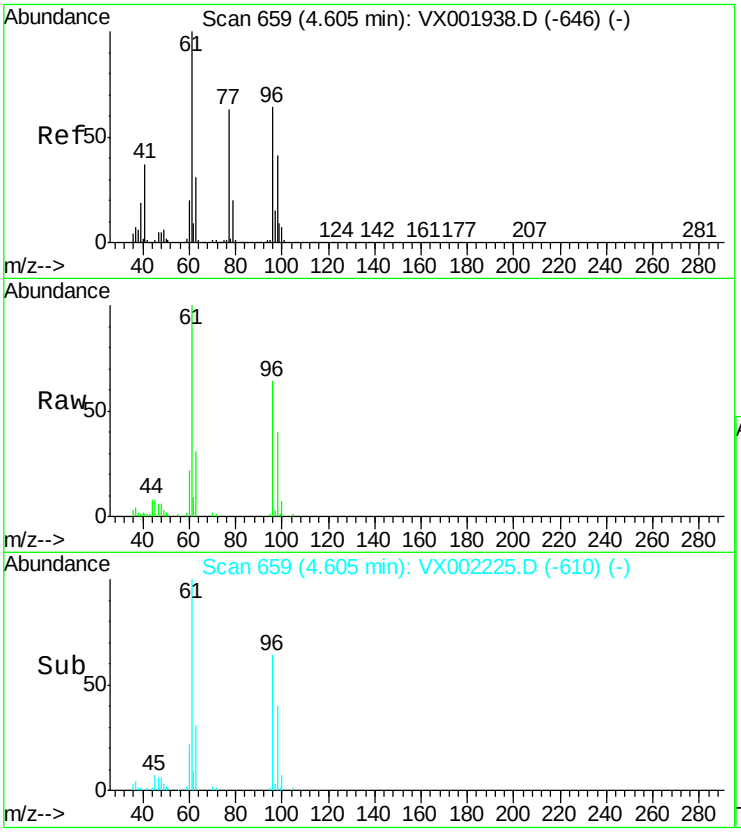


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 96 Resp: 723

Ion	Ratio	Lower	Upper
96	100		
61	100.3	113.3	169.9#
98	41.8	51.7	77.5#



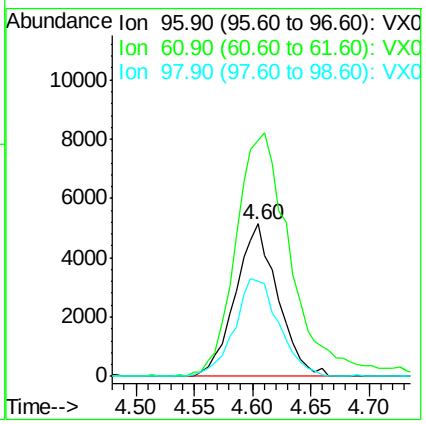


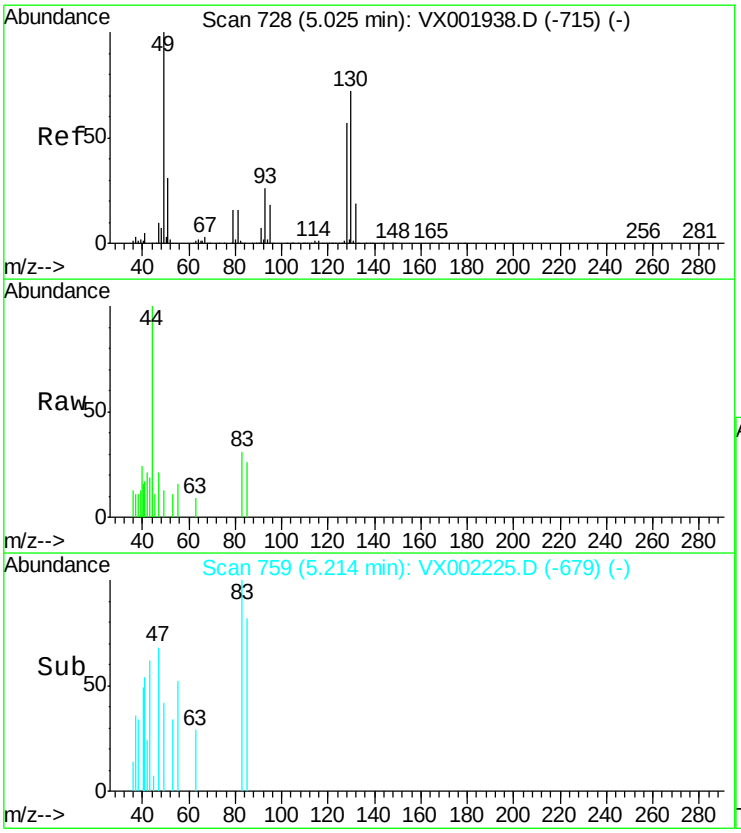
#27
cis-1,2-Dichloroethene
Concen: 3.67 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 12944

Ion	Ratio	Lower	Upper
96	100		
61	212.0	0.0	348.4
98	68.0	0.0	128.6

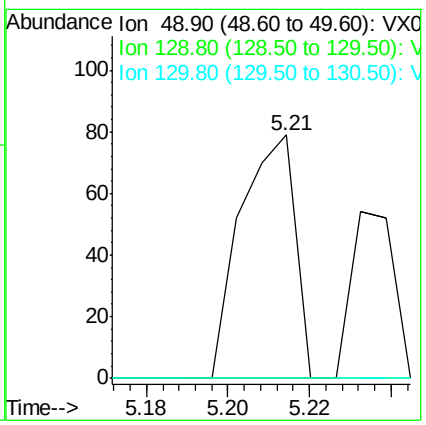


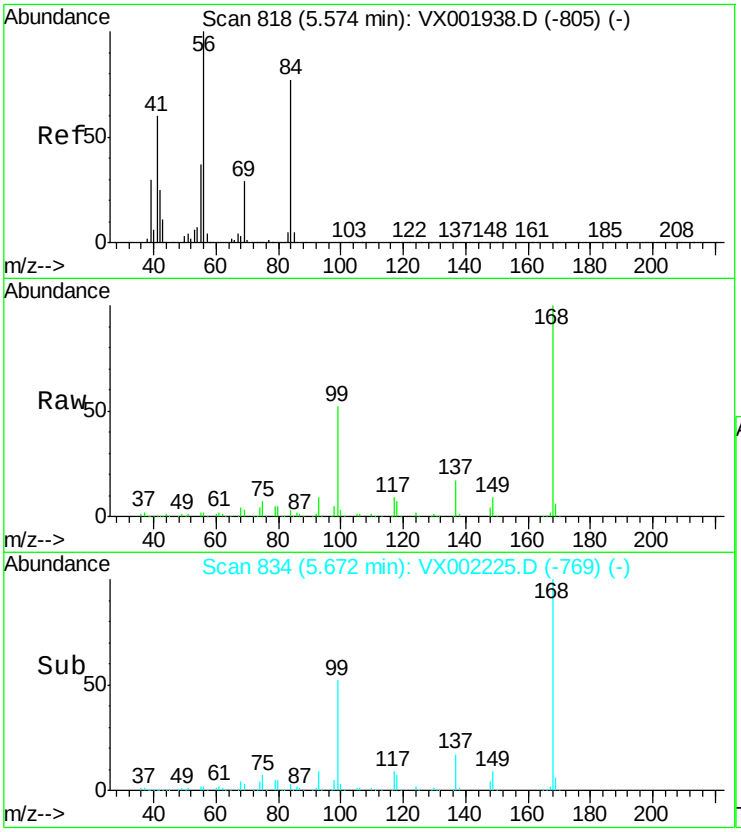


#28
Bromochloromethane
Concen: Below Cal
RT: 5.21 min Scan# 759
Delta R.T. 0.19 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 49 Resp: 74

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



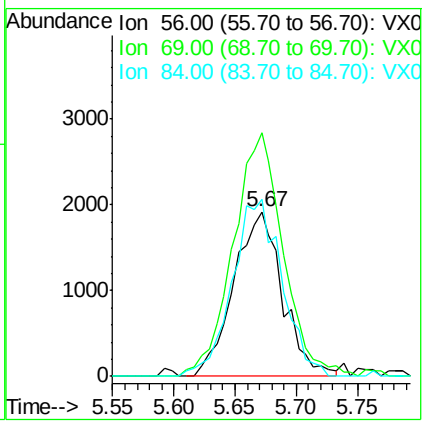


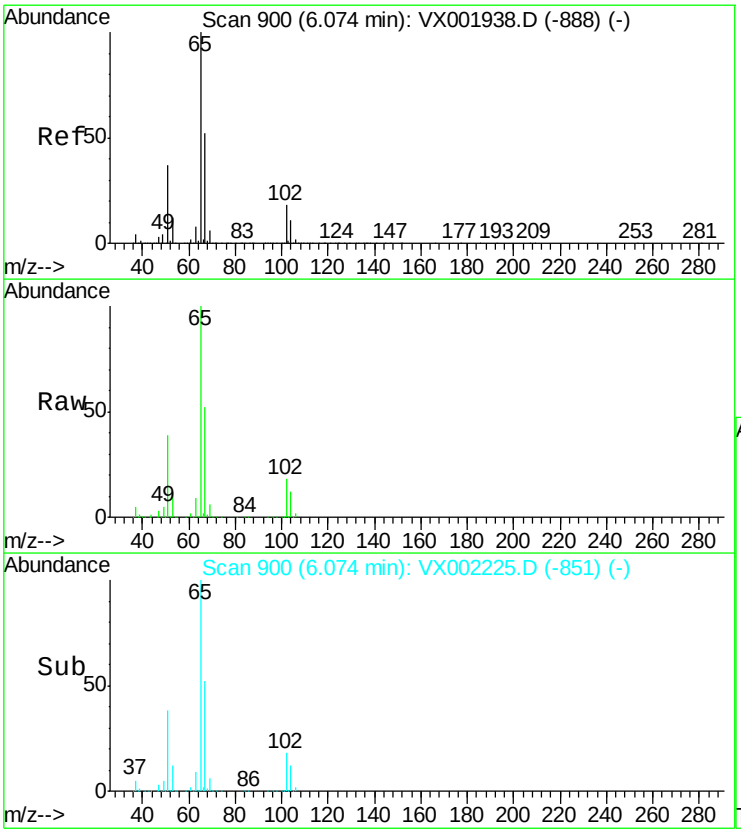
#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5335

Ion	Ratio	Lower	Upper
56	100		
69	143.8	23.1	34.7#
84	110.1	62.0	93.0#

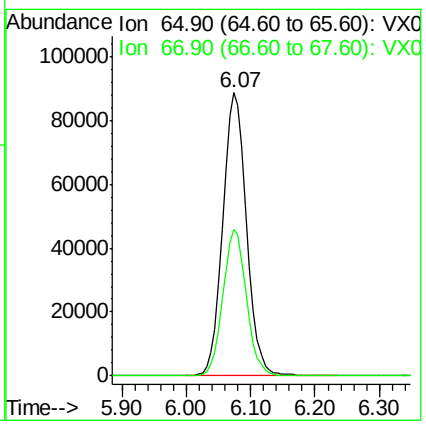


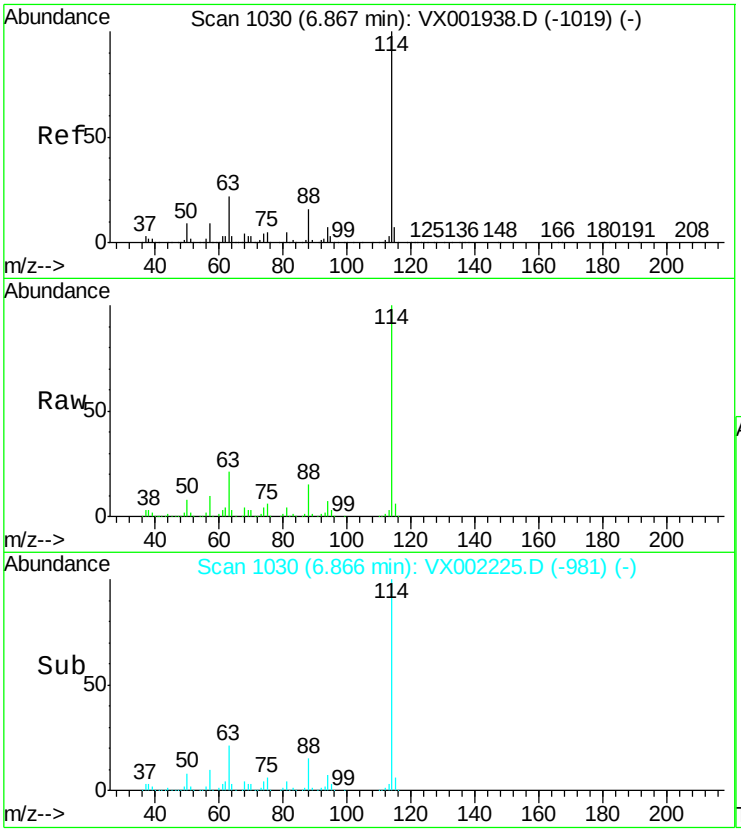


#33
1,2-Dichloroethane-d4
Concen: 55.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 65 Resp: 230210

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0



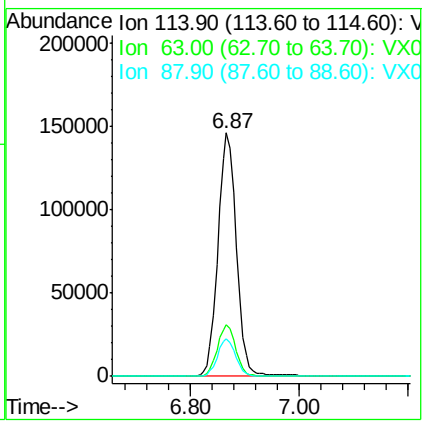


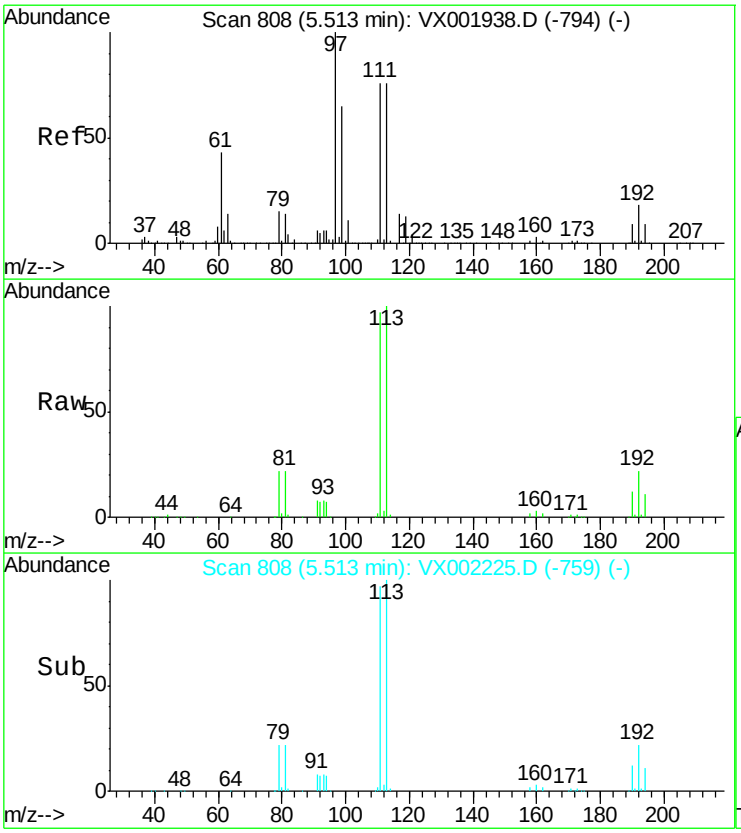
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 344073

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.3	0.0	31.6

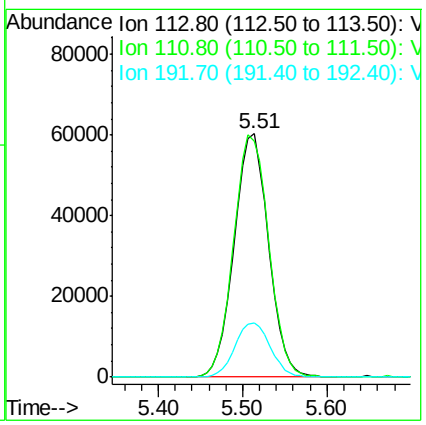


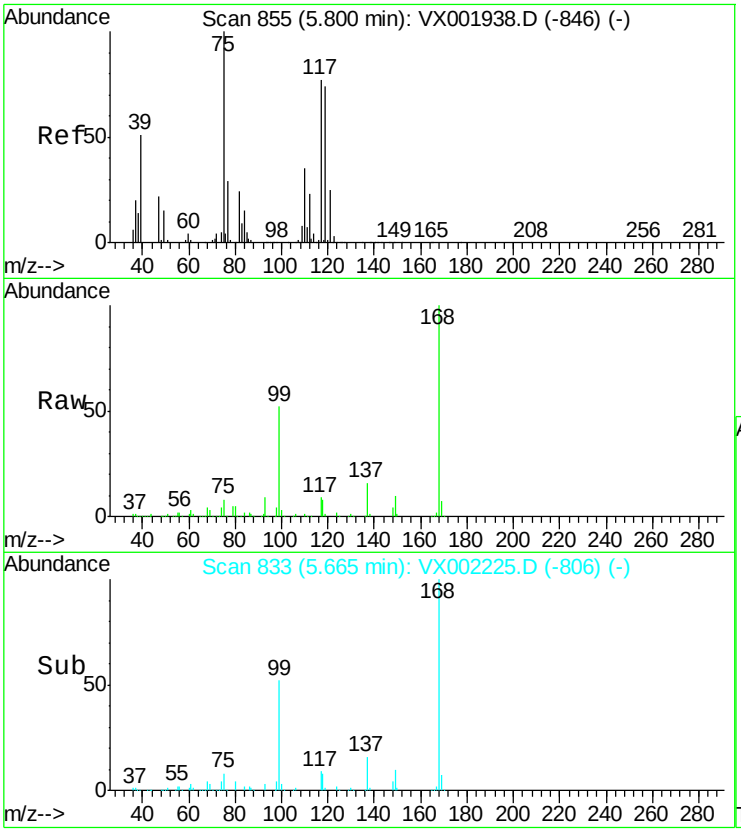


#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:113 Resp: 166453

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.1	18.9	28.3



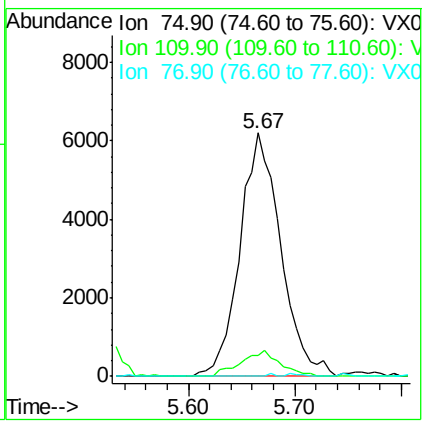


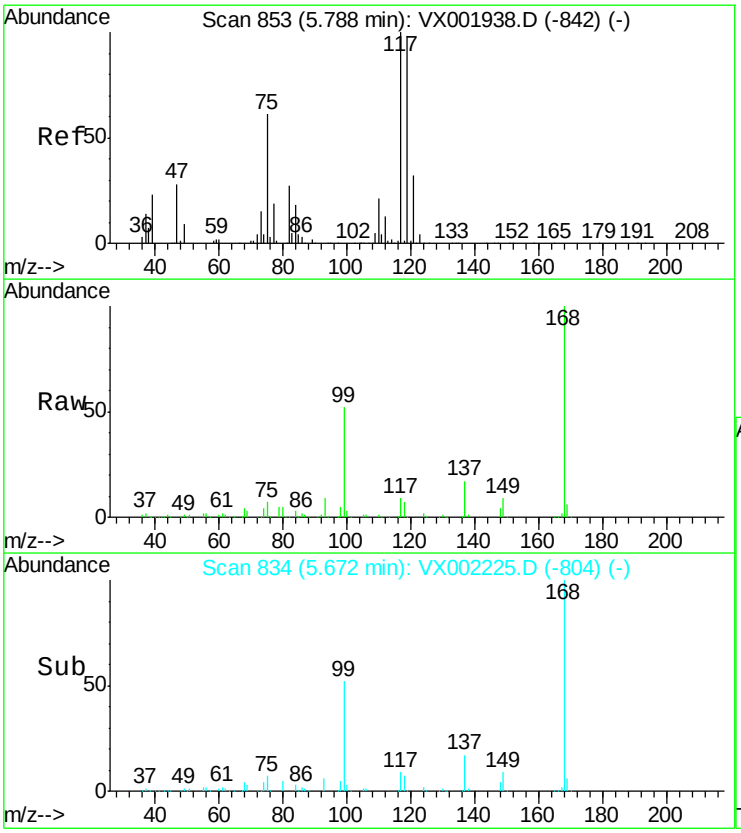
#36
1,1-Dichloropropene
Concen: 3.49 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16696

Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.4	52.2#
77	0.1	24.4	36.6#

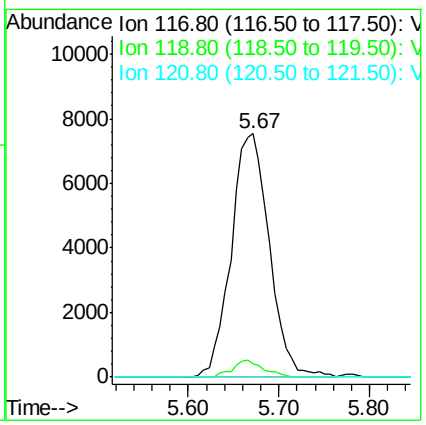


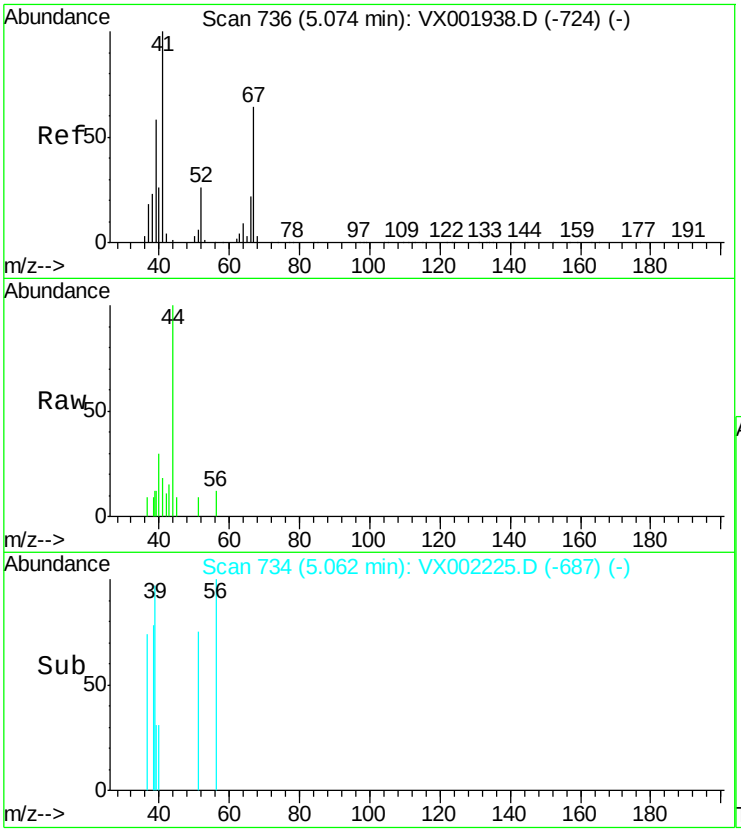


#38
Carbon Tetrachloride
Concen: 3.94 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:117 Resp: 21961

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.5	117.7#
121	0.0	25.5	38.3#



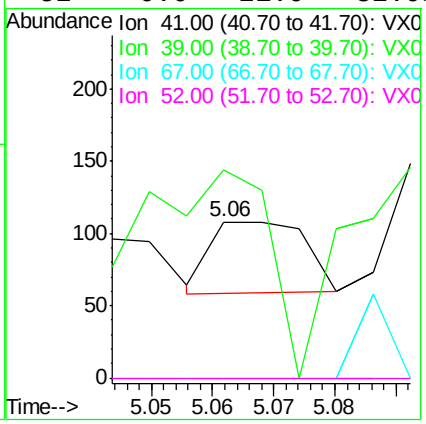


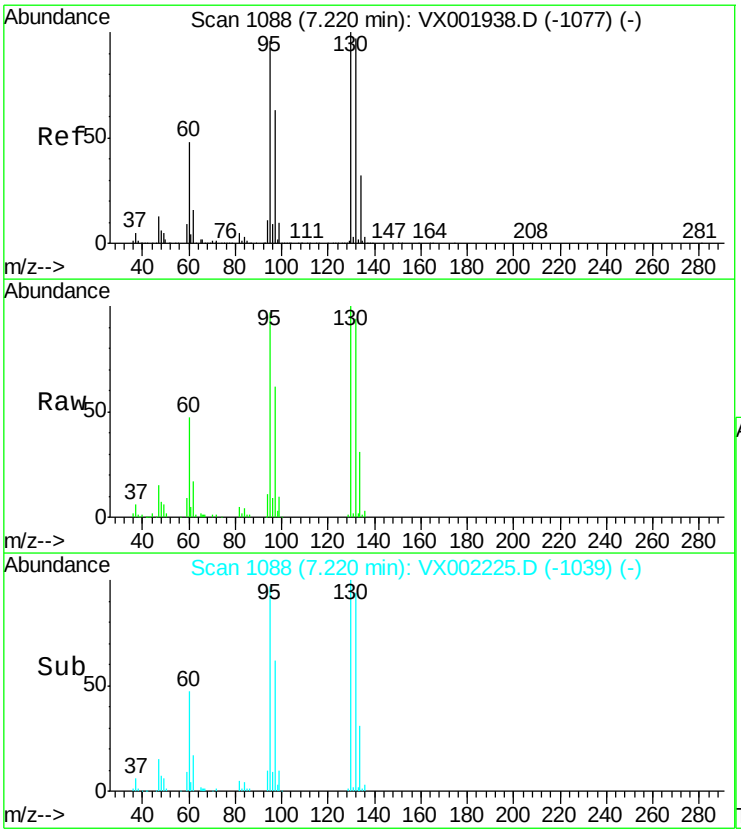
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 52

Ion	Ratio	Lower	Upper
41	100		
39	417.3	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#

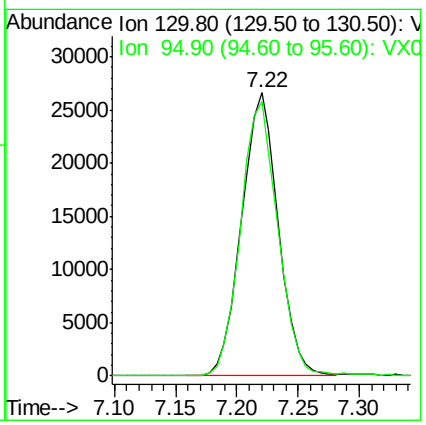


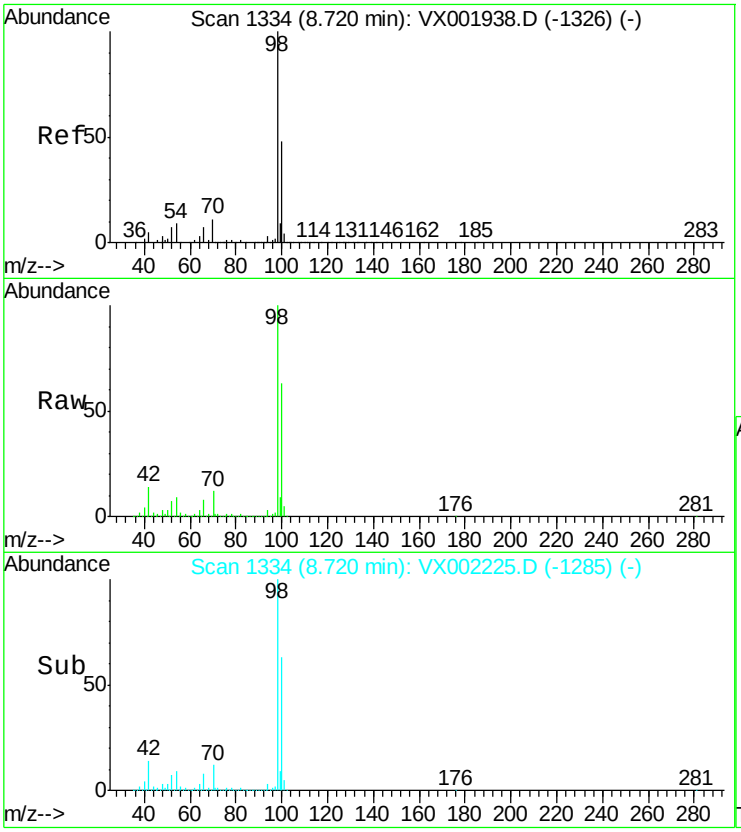


#44
Trichloroethene
Concen: 13.61 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:130 Resp: 55600

Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	192.0



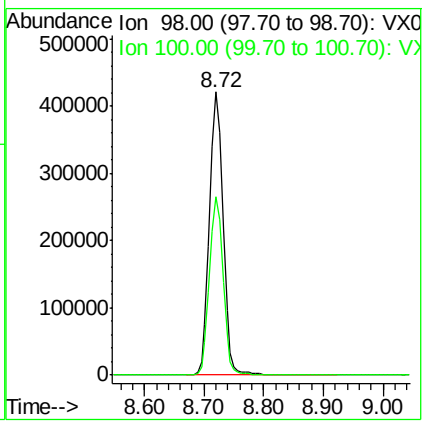


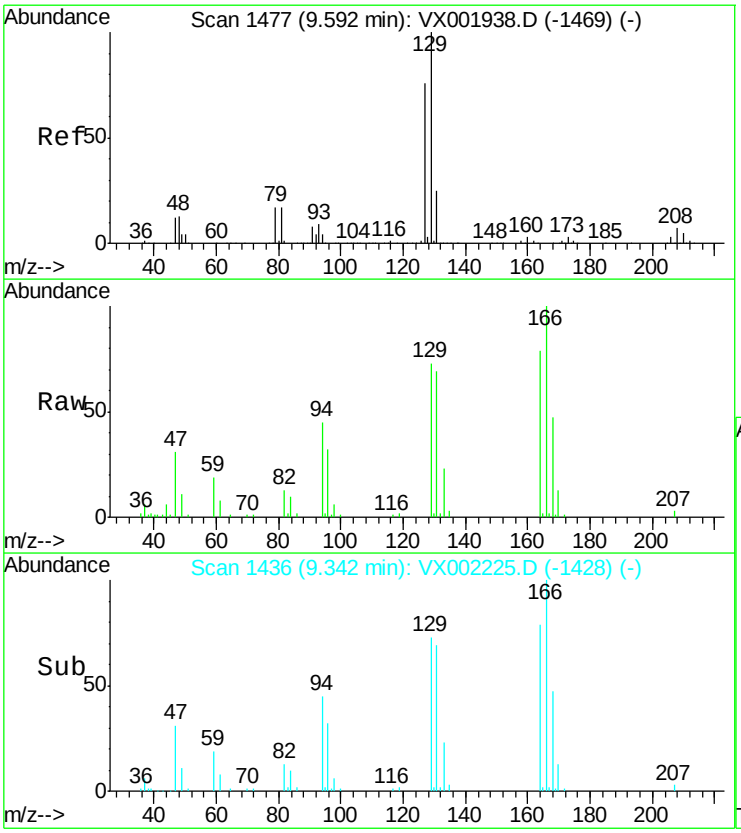
#50
Toluene-d8
Concen: 53.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 662450

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3

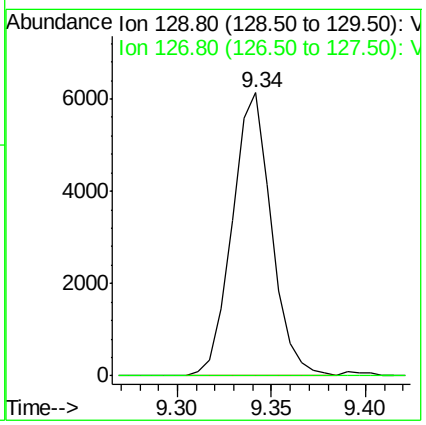


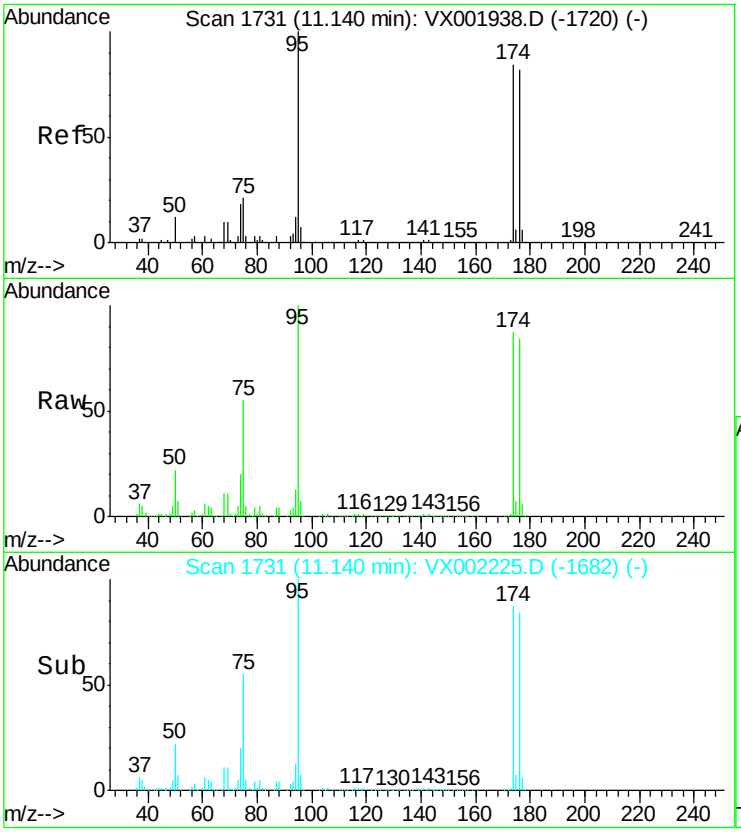


#60
Dibromochloromethane
Concen: 2.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:129 Resp: 8829

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#



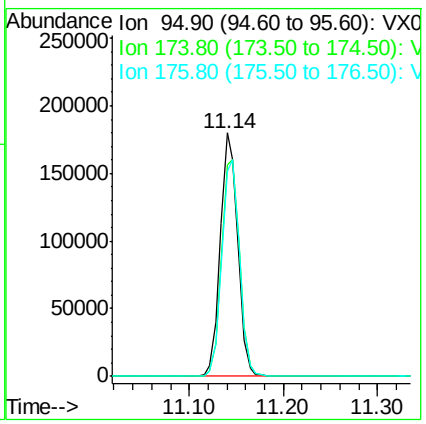


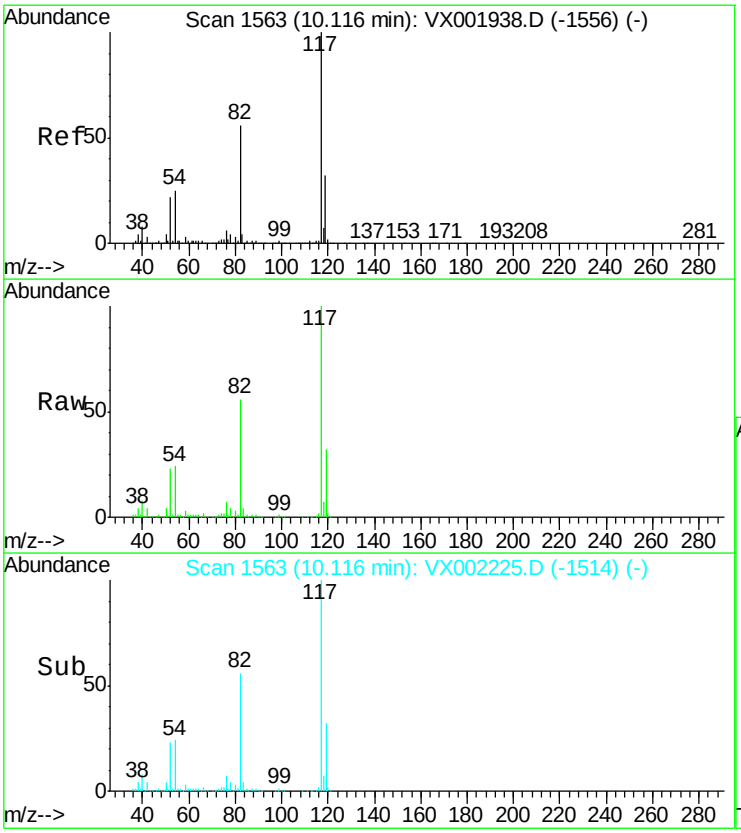
#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 229150

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	178.8
176	90.8	0.0	175.6

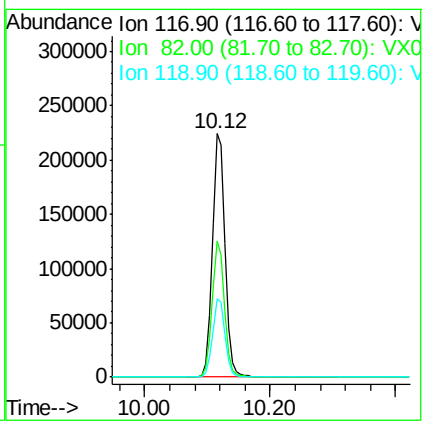


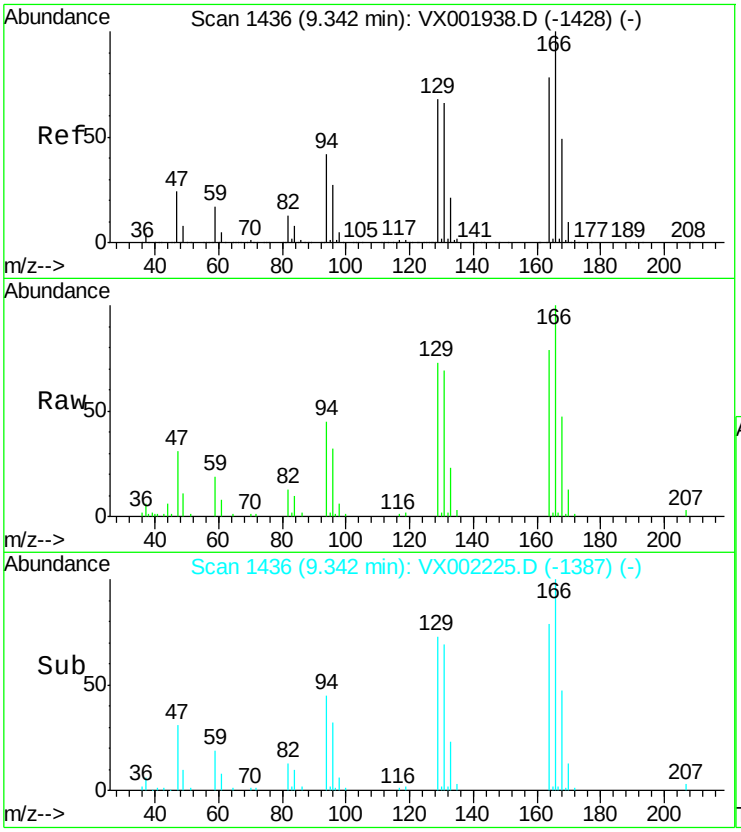


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:117 Resp: 310762

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.8	67.2
119	32.3	25.5	38.3



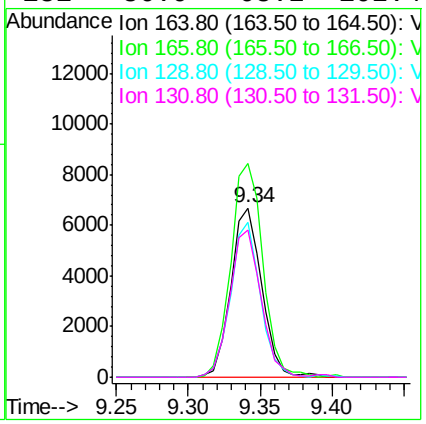


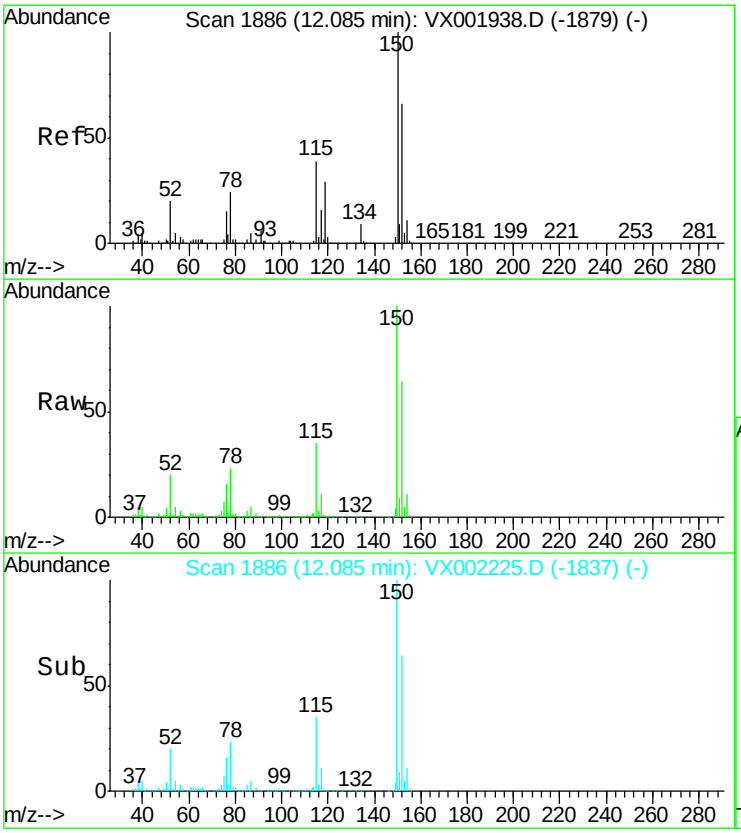
#64
Tetrachloroethene
Concen: 2.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 10009

Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.7	154.1
129	91.7	70.3	105.5
131	86.9	68.2	102.4

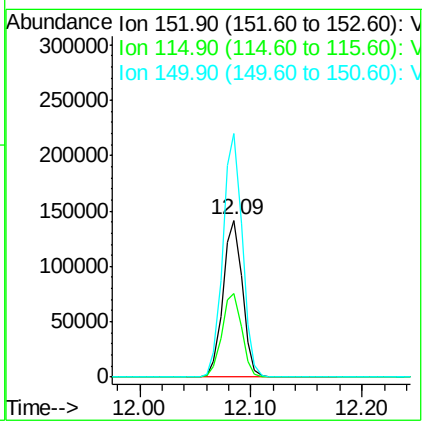


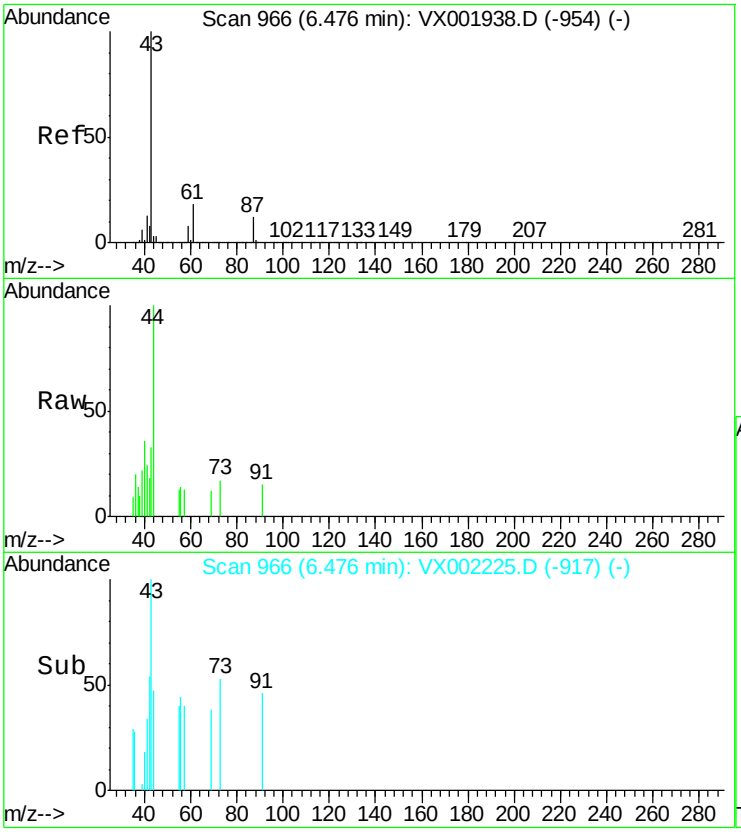


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion:152 Resp: 170418

Ion	Ratio	Lower	Upper
152	100		
115	55.0	42.3	126.8
150	155.8	0.0	351.0



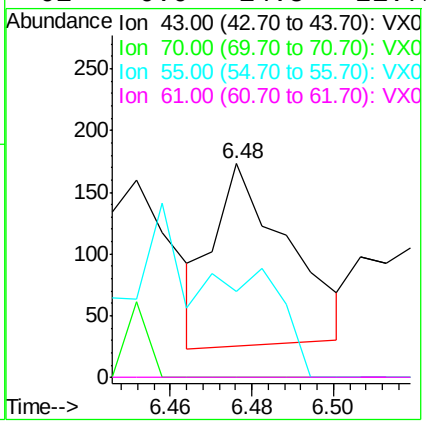


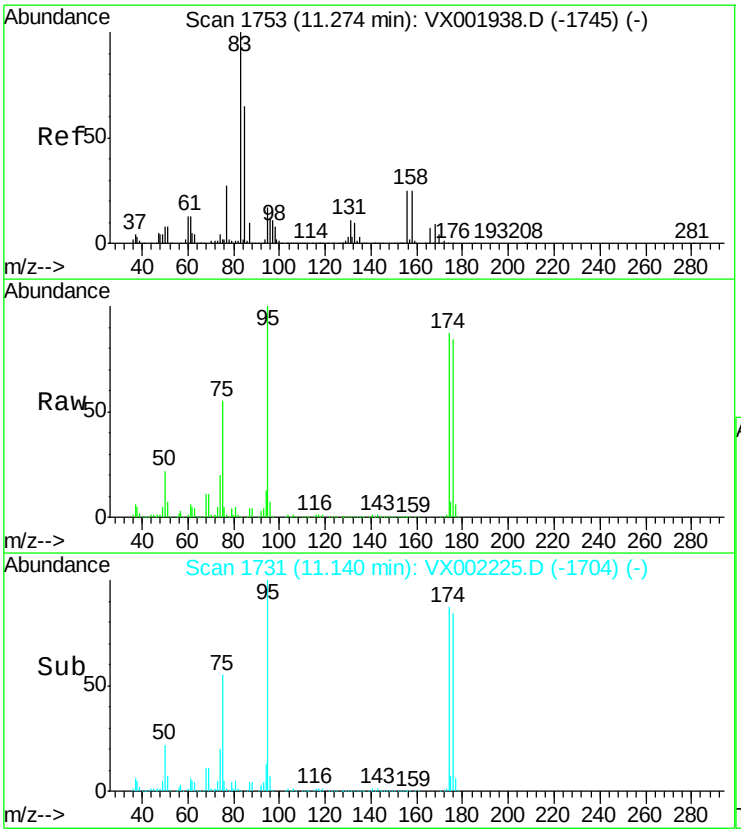
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 186

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

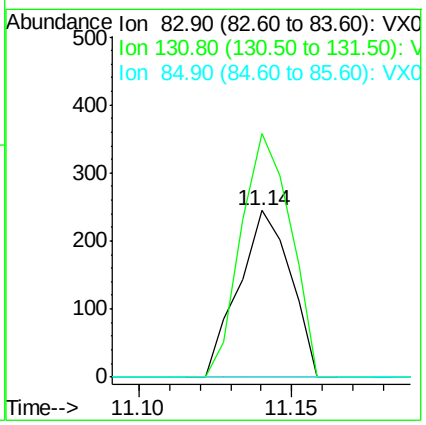


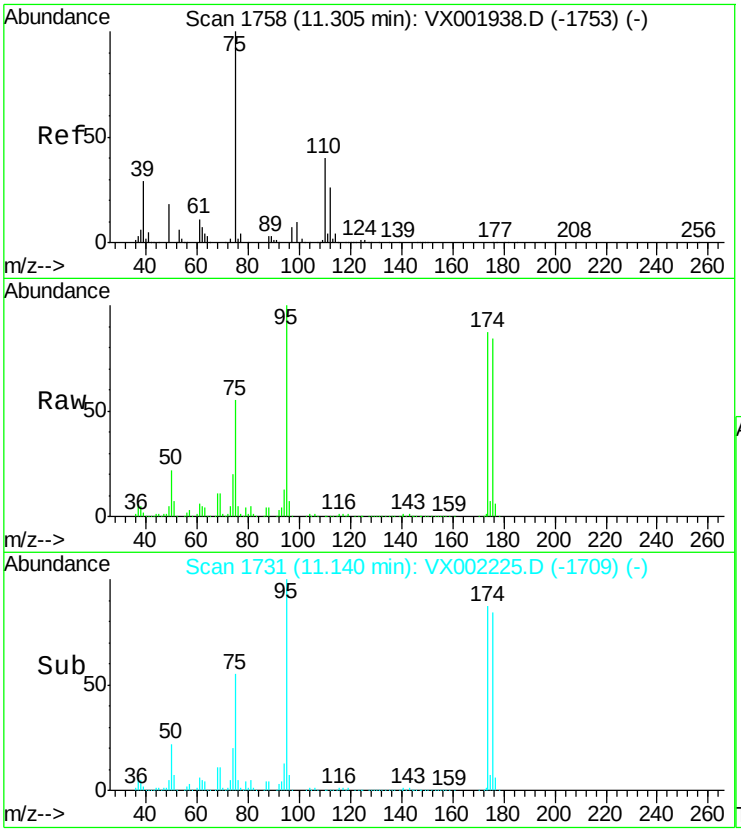


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.14 min Scan# 1731
Delta R.T. -0.13 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 83 Resp: 288

Ion	Ratio	Lower	Upper
83	100		
131	139.9	5.7	17.0#
85	0.0	32.6	97.7#



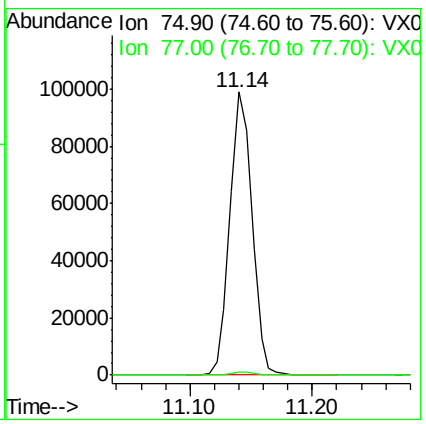


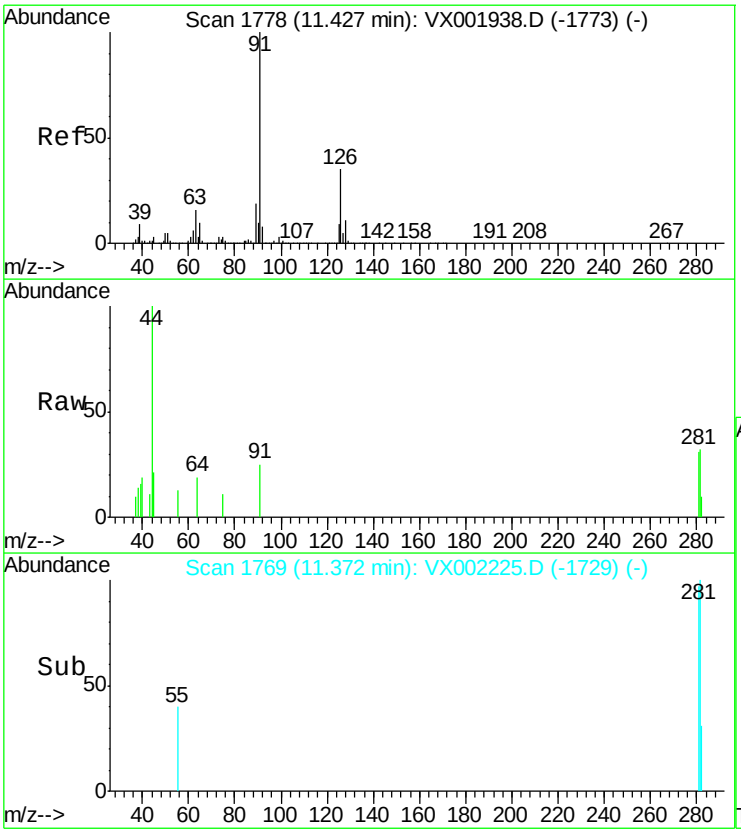
#76
1,2,3-Trichloropropane
Concen: 30.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 124121

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

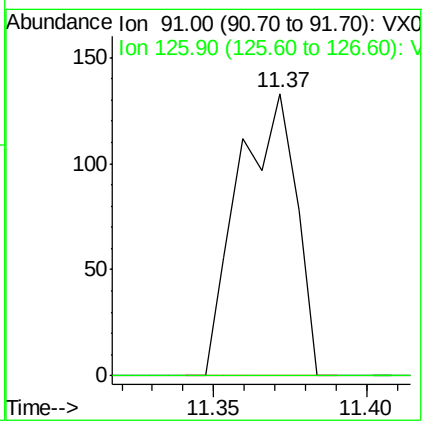


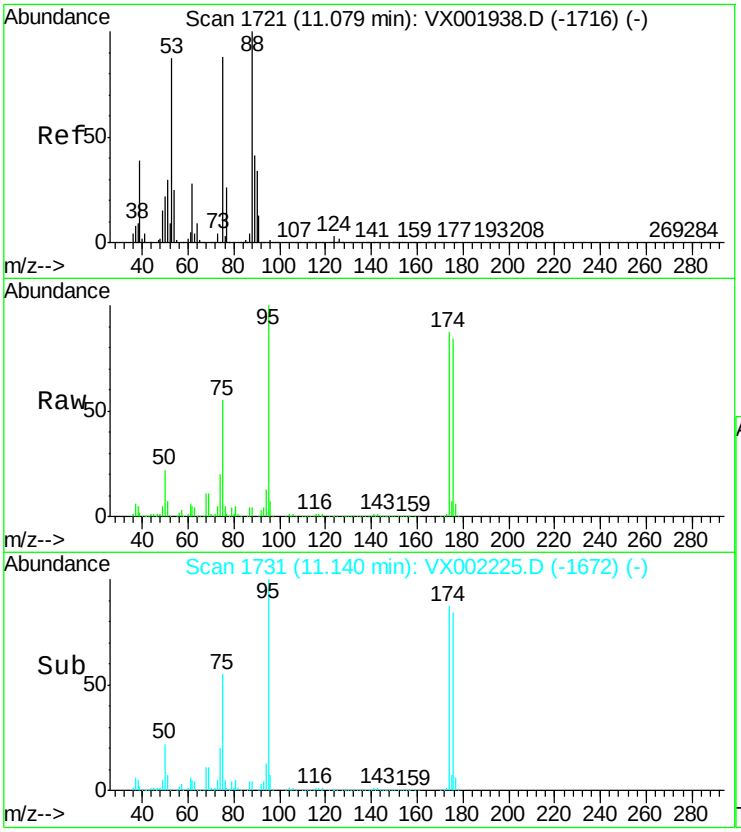


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.37 min Scan# 1769
Delta R.T. -0.05 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Tgt Ion: 91 Resp: 174

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002225.D
Acq: 01 Jun 2018 21:16

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 124121

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