Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060218\
Data File : VX002245.D
Acq On : 02 Jun 2018 17:50
Operator : JC/MD
Sample : J3119-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 04 05:11:08 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	239794	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	336514	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	299971	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163172	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	205553	47.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.92%				
35) Dibromofluoromethane	5.51	113	148223	44.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.10%				
50) Toluene-d8	8.72	98	592121	48.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.20%				
62) 4-Bromofluorobenzene	11.14	95	201199	42.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.43	85	21	Below Cal		#	41
3) Chloromethane	1.32	50	844	0.23	ug/l		92
10) Methyl Iodide	2.53	142	1593	0.39	ug/l		94
11) Tert butyl alcohol	3.09	59	191	0.23	ug/l	#	71
12) 1,1-Dichloroethene	2.37	96	1177	0.42	ug/l		94
13) Acrolein	2.31	56	80	0.22	ug/l	#	14
16) Acetone	2.46	43	1852	1.12	ug/l	#	87
18) Methyl Acetate	2.78	43	247	Below Cal			96
19) Methyl tert-butyl Ether	3.21	73	2721	0.26	ug/l	#	82
20) Methylene Chloride	2.85	84	729	Below Cal			96
21) trans-1,2-Dichloroethene	3.15	96	797	Below Cal		#	82
27) cis-1,2-Dichloroethene	4.60	96	13084	3.59	ug/l		66
28) Bromochloromethane	5.03	49	23	Below Cal		#	14
29) Tetrahydrofuran	5.20	42	766	0.39	ug/l	#	52
31) Cyclohexane	5.66	56	5449	0.92	ug/l	#	16
36) 1,1-Dichloropropene	5.66	75	16983	3.63	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22265	4.08	ug/l	#	16
41) Methacrylonitrile	5.07	41	62	Below Cal		#	17
44) Trichloroethene	7.21	130	29120	7.29	ug/l		95
55) 1,1,2-Trichloroethane	9.22	97	3214	0.88	ug/l	#	86
60) Dibromochloromethane	9.34	129	14839	3.44	ug/l	#	11
64) Tetrachloroethene	9.34	164	16086	3.74	ug/l		94
74) N-amyl acetate	6.48	43	71	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.29	83	40	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	108703	27.74	ug/l	#	32
79) 2-Chlorotoluene	11.52	91	498	Below Cal			99
81) trans-1,4-Dichloro-2-buten	11.14	75	108703	66.66	ug/l	#	10

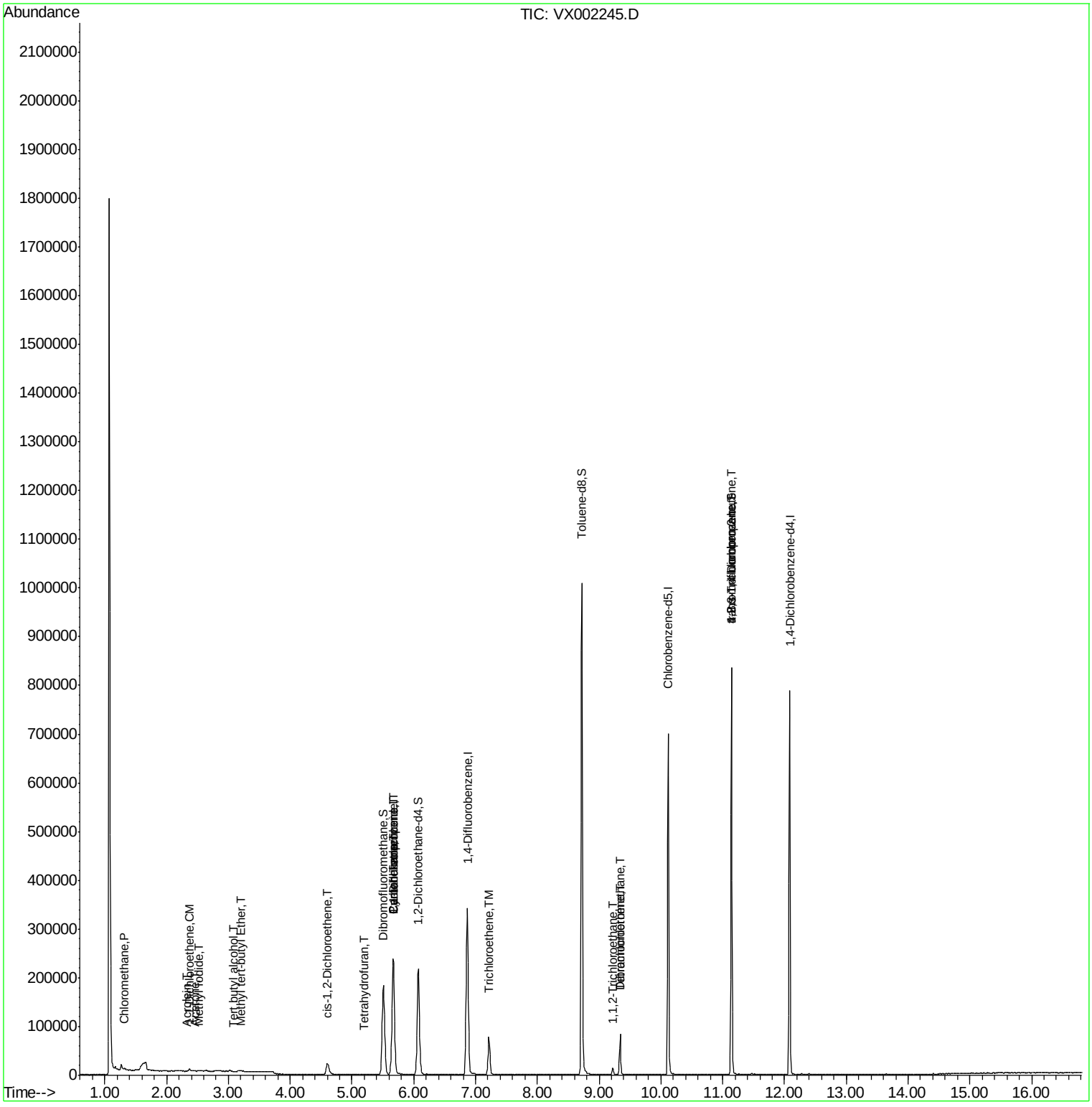
(#) = qualifier out of range (m) = manual integration (+) = signals summed

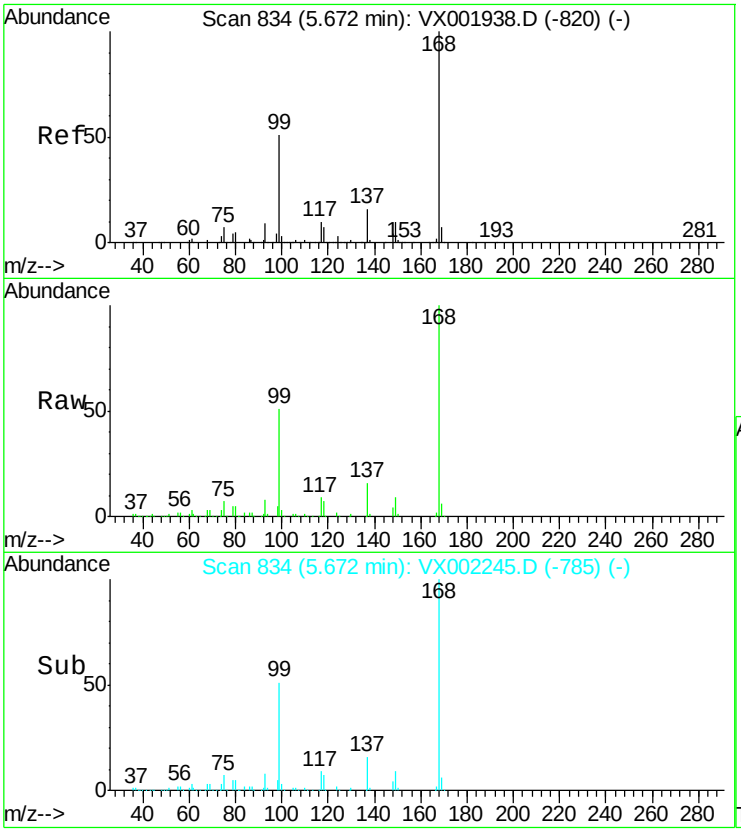
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
Data File : VX002245.D
Acq On : 02 Jun 2018 17:50
Operator : JC/MD
Sample : J3119-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 05:11:08 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



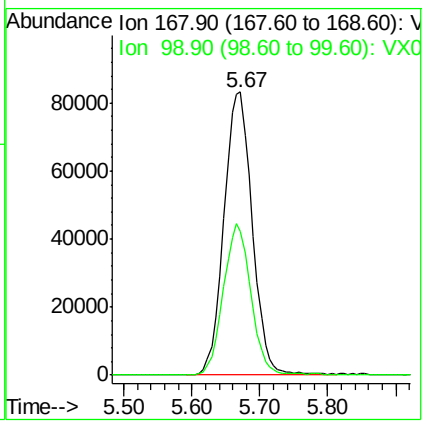


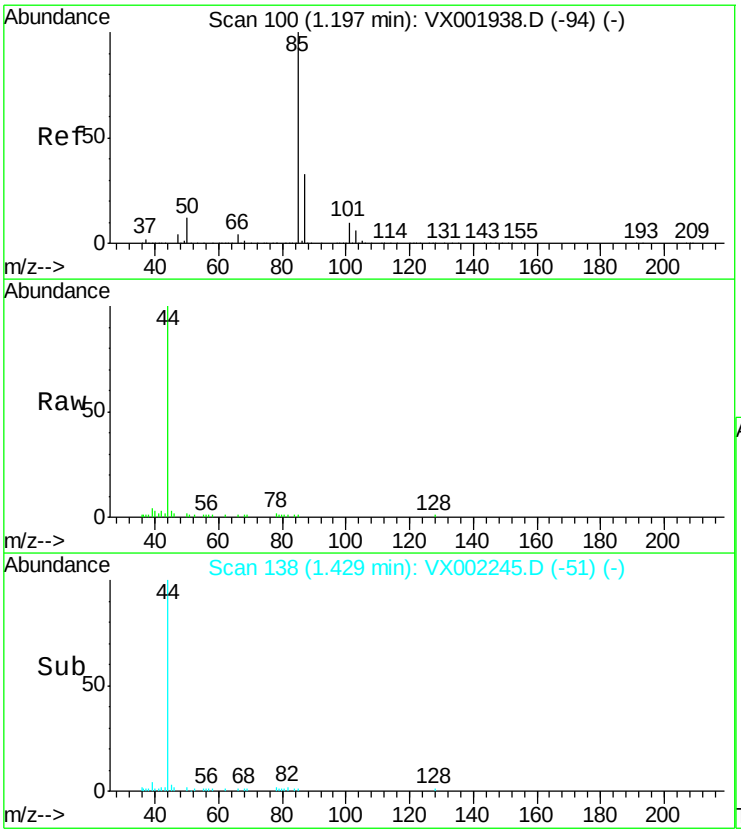
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 239794

Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.0	61.4

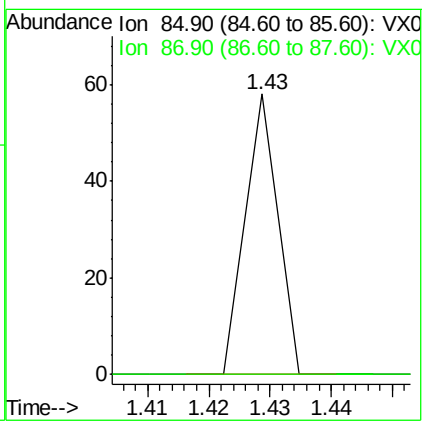


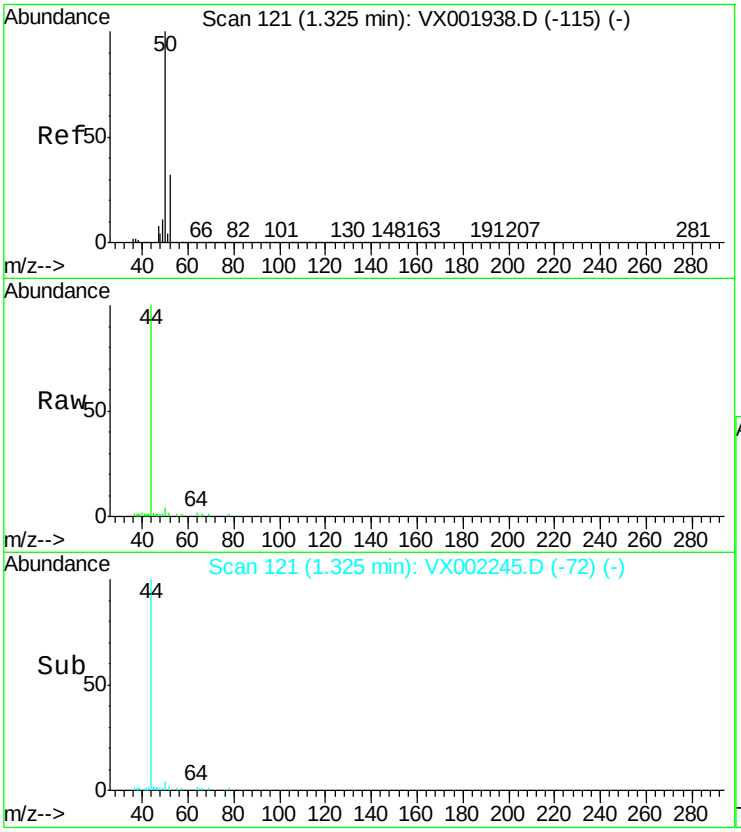


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.43 min Scan# 138
Delta R.T. 0.23 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 85 Resp: 21

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



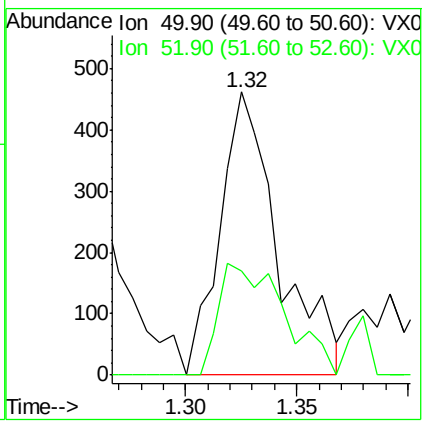


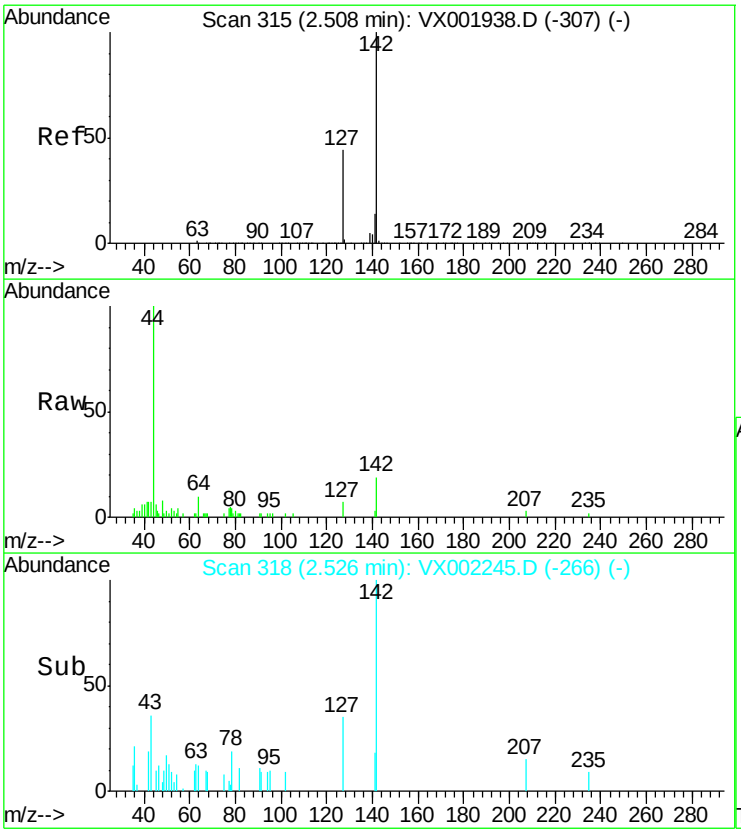
#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 844

Ion	Ratio	Lower	Upper
50	100		
52	36.8	26.0	39.0

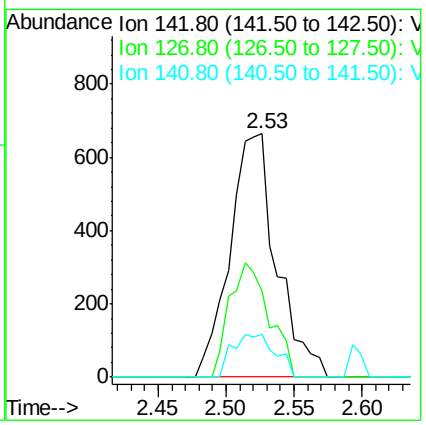


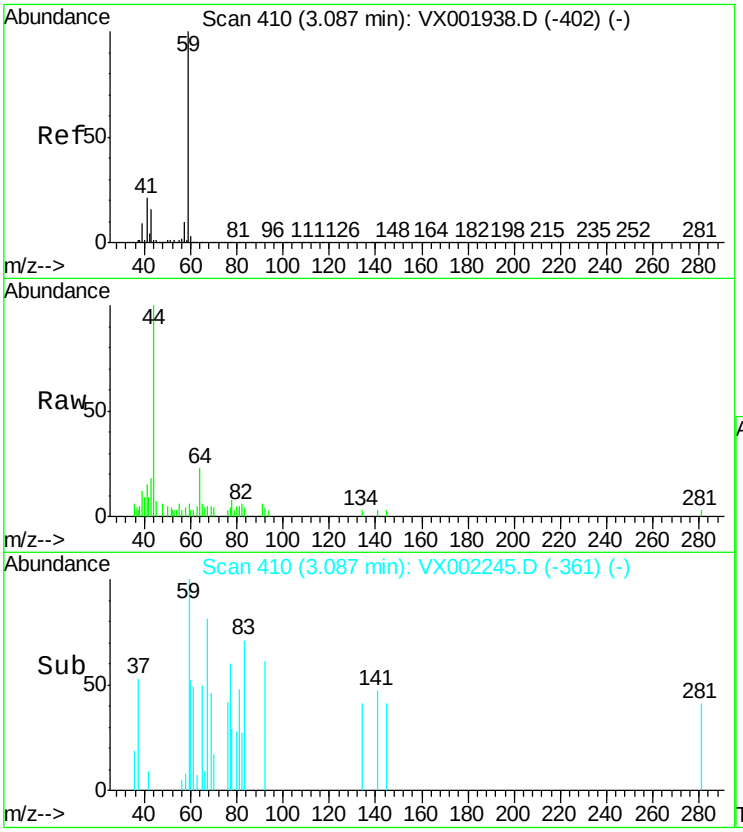


#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion:142 Resp: 1593

Ion	Ratio	Lower	Upper
142	100		
127	39.9	35.5	53.3
141	16.1	11.3	16.9



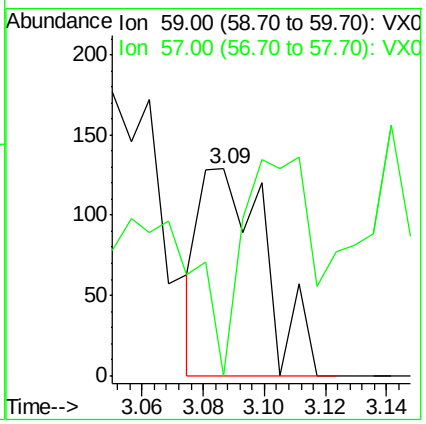


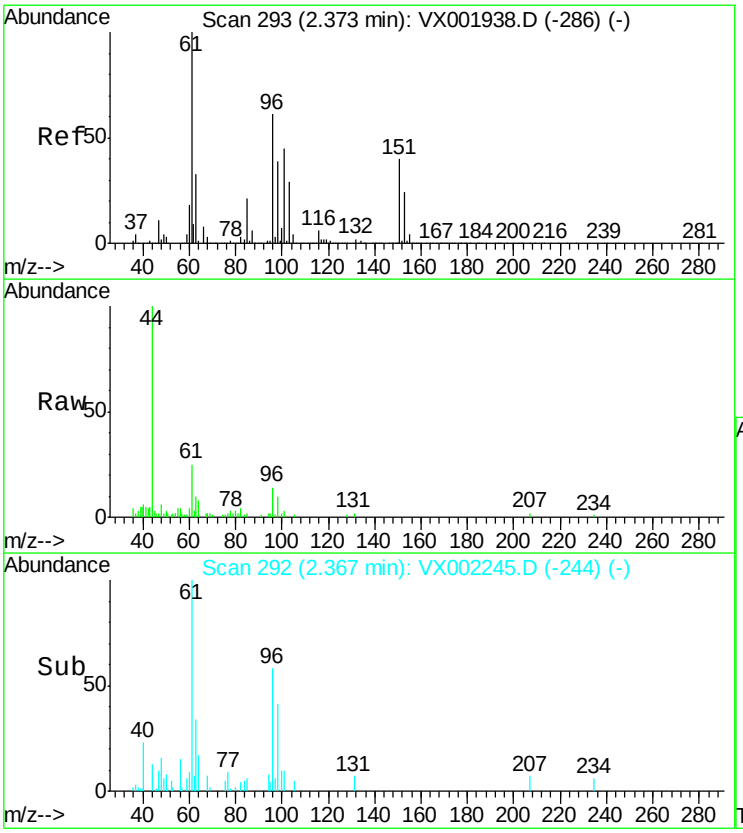
#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 191

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#

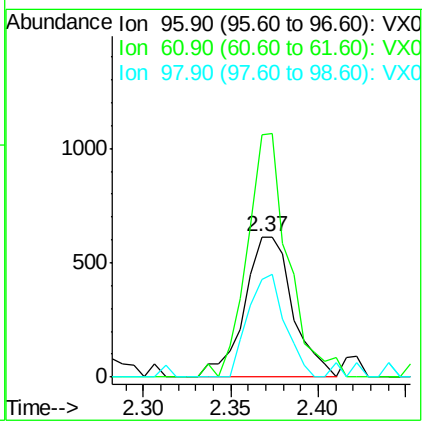


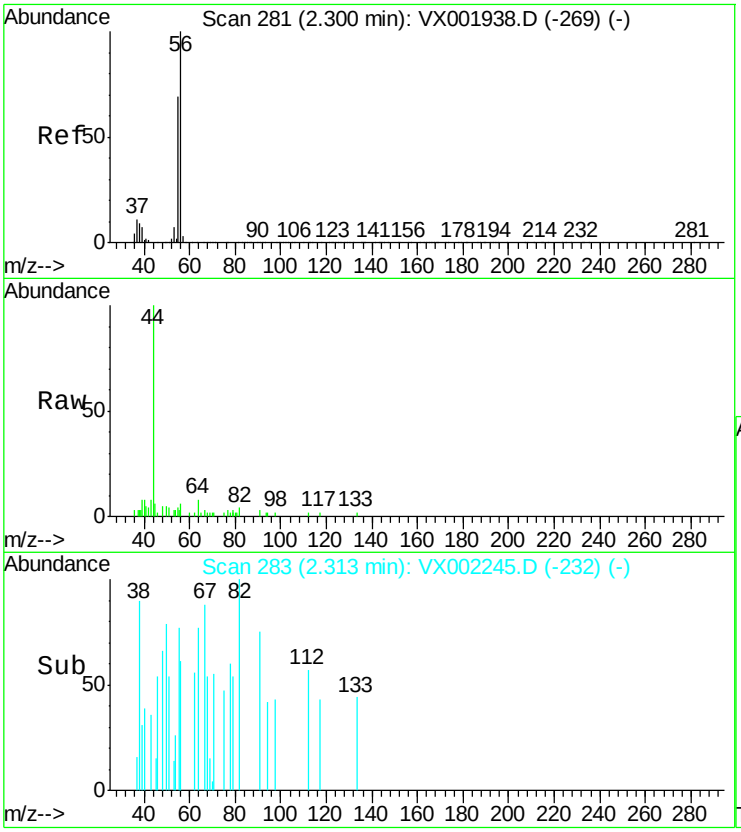


#12
1,1-Dichloroethene
Concen: 0.42 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 96 Resp: 1177

Ion	Ratio	Lower	Upper
96	100		
61	172.6	131.7	197.5
98	70.1	51.6	77.4



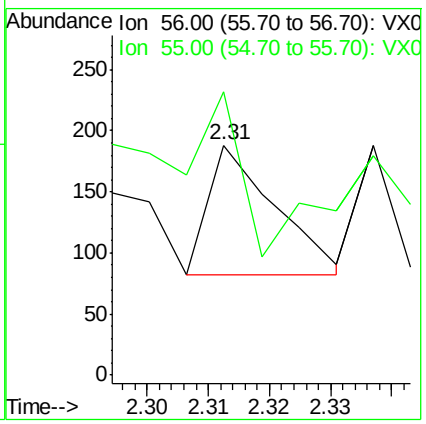


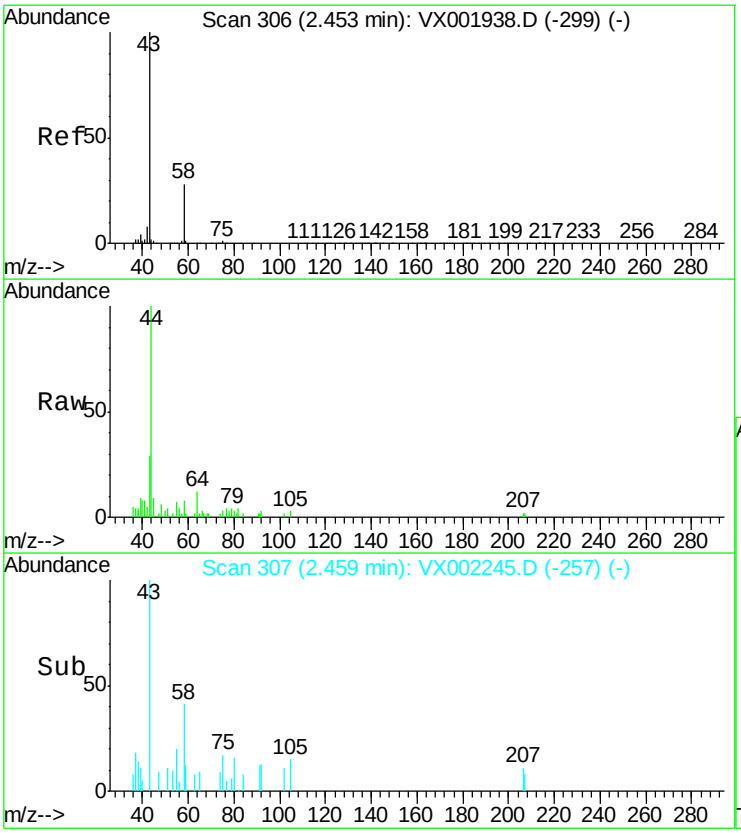
#13
Acrolein
Concen: 0.22 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 80

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#

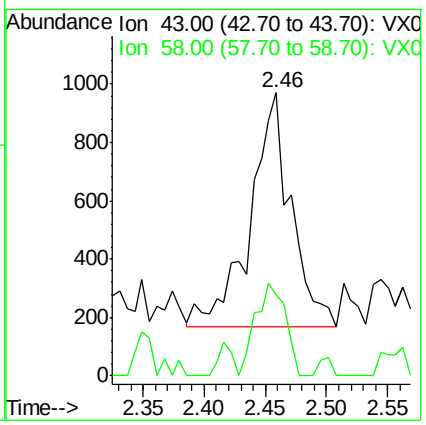


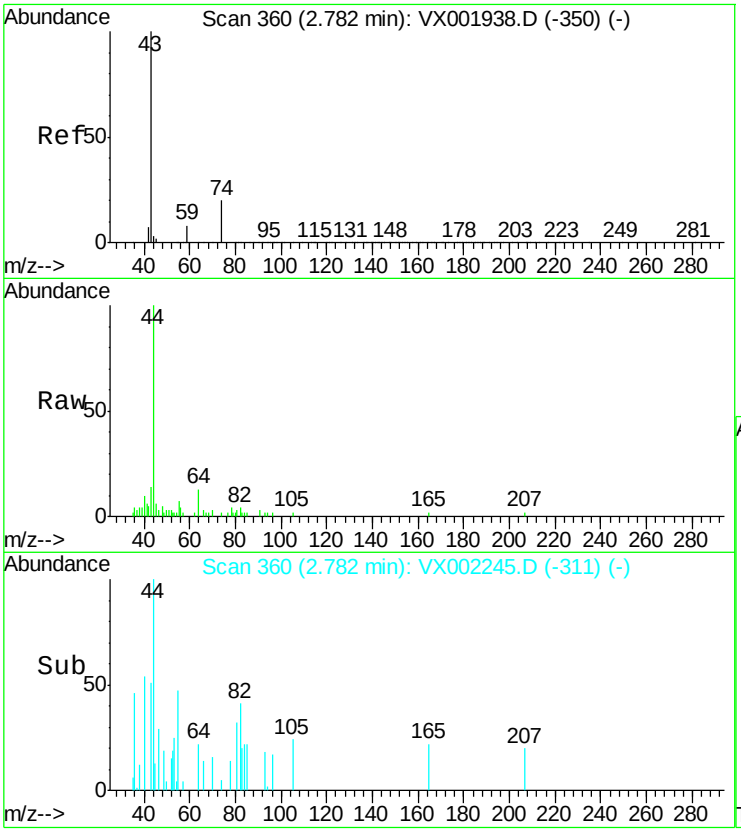


#16
Acetone
Concen: 1.12 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
58	34.6	22.3	33.5#



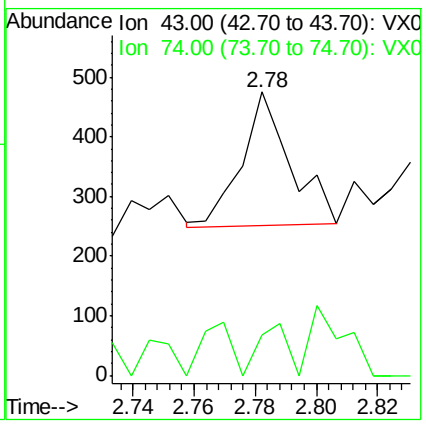


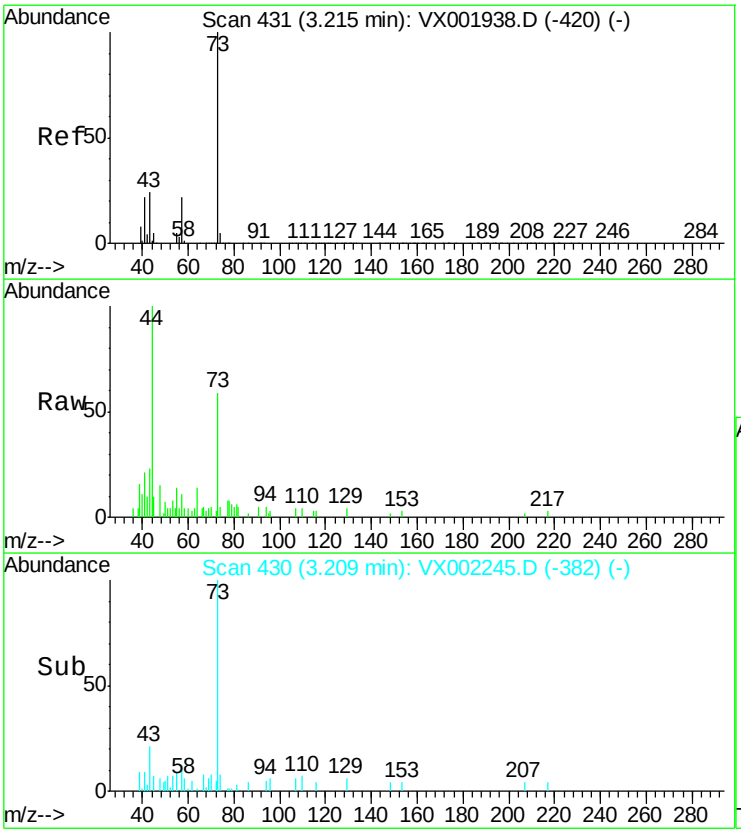
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 247

Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.8	25.2

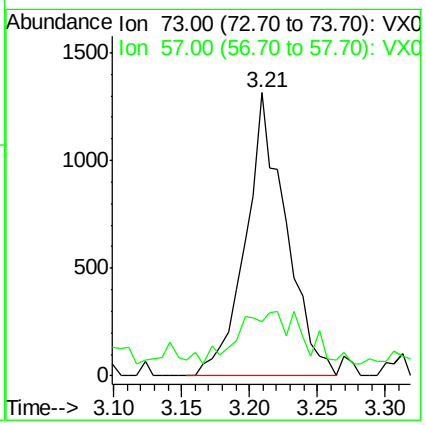


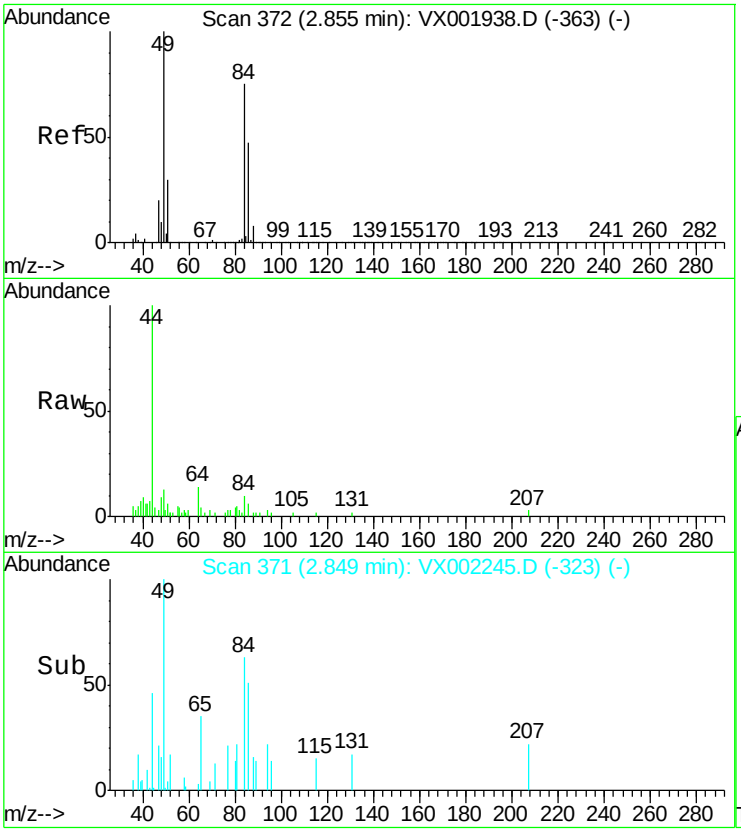


#19
Methyl tert-butyl Ether
Concen: 0.26 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 73 Resp: 2721

Ion	Ratio	Lower	Upper
73	100		
57	13.4	17.4	26.0#



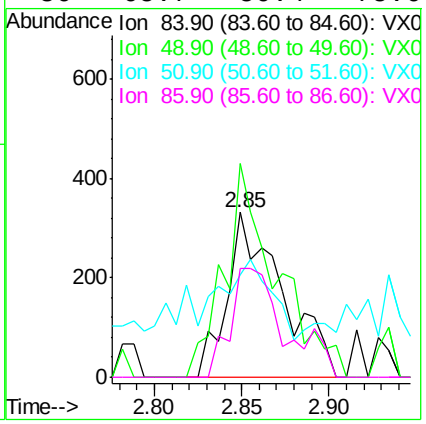


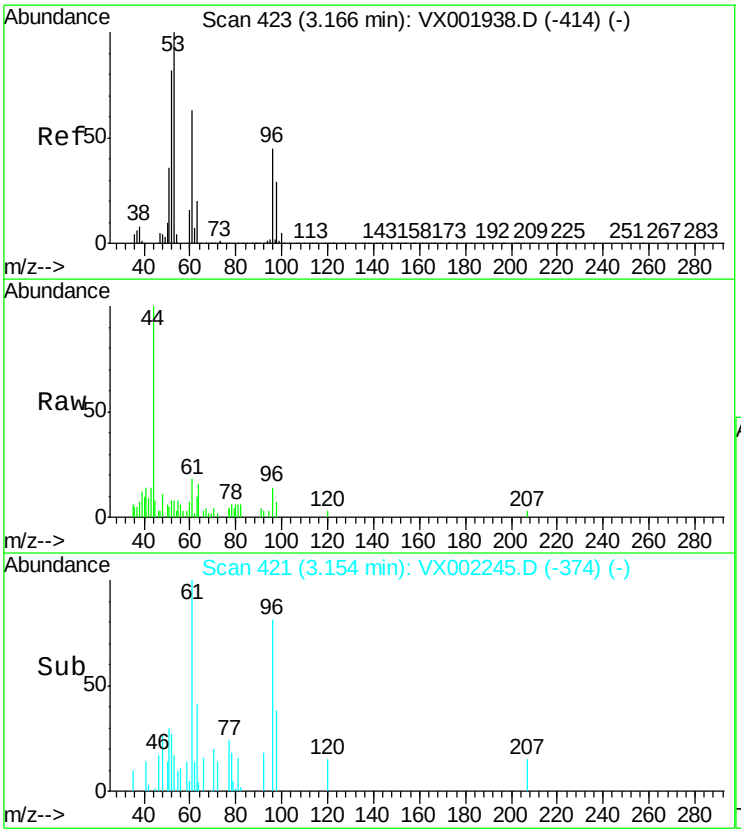
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 729

Ion	Ratio	Lower	Upper
84	100		
49	129.5	107.2	160.8
51	35.2	32.4	48.6
86	65.7	50.4	75.6

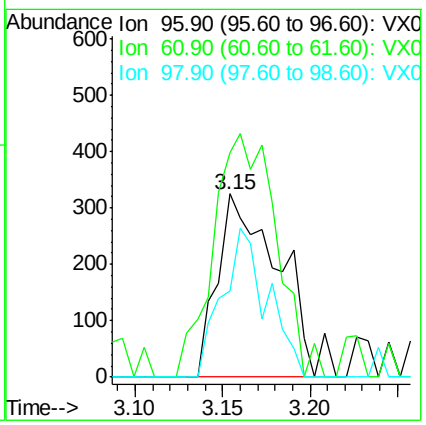


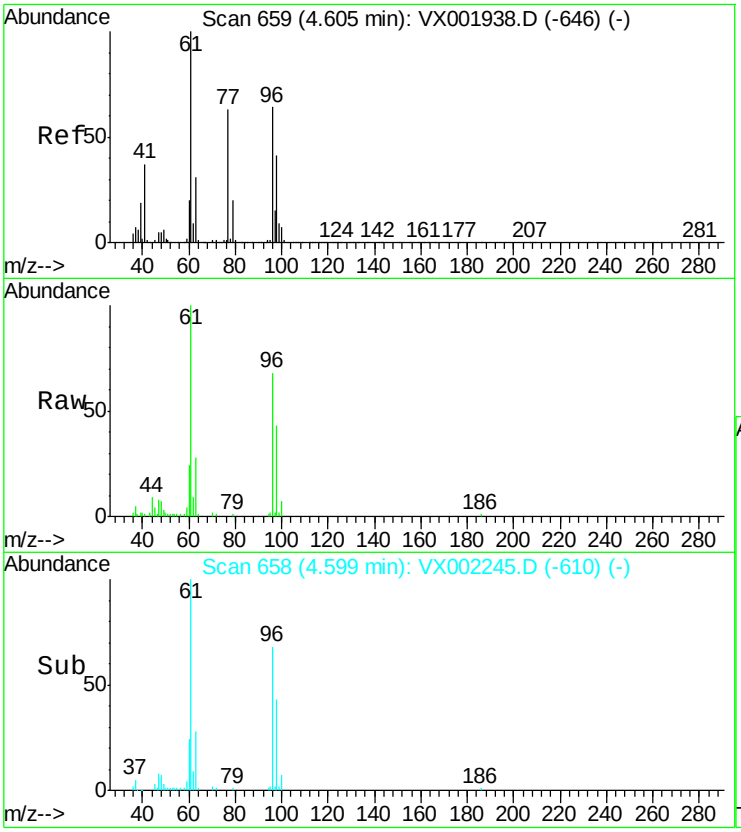


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 96 Resp: 797

Ion	Ratio	Lower	Upper
96	100		
61	122.8	113.3	169.9
98	47.1	51.7	77.5#



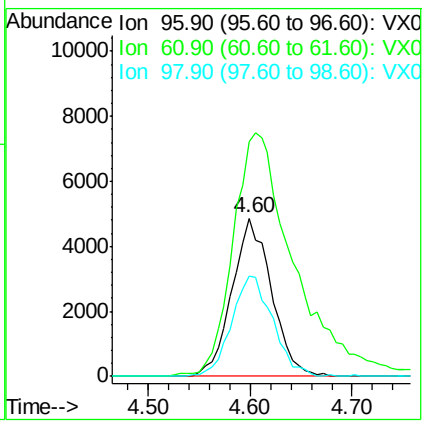


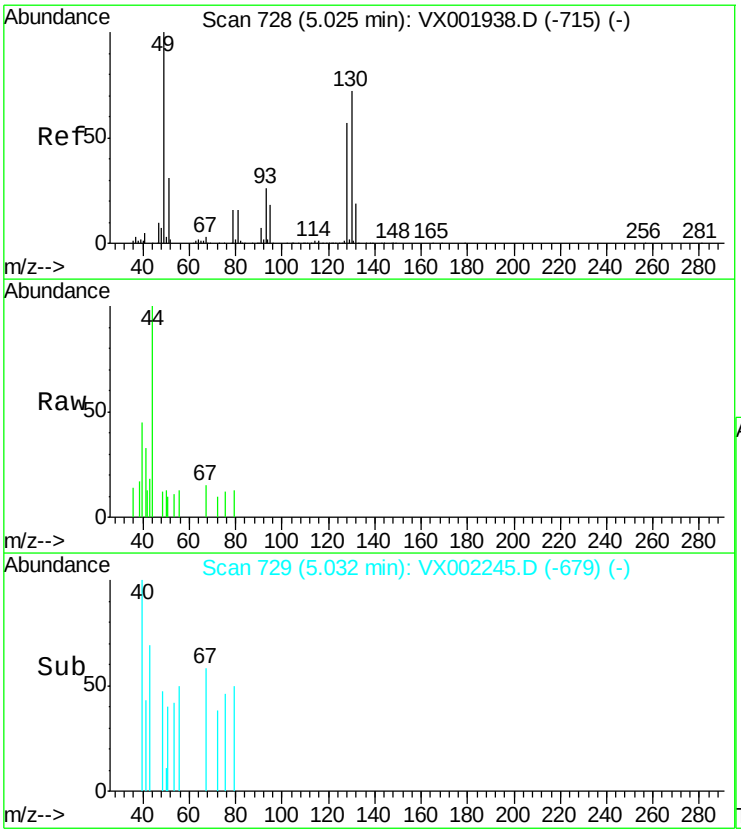
#27
cis-1,2-Dichloroethene
Concen: 3.59 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 13084

Ion	Ratio	Lower	Upper
96	100		
61	237.3	0.0	348.4
98	65.7	0.0	128.6

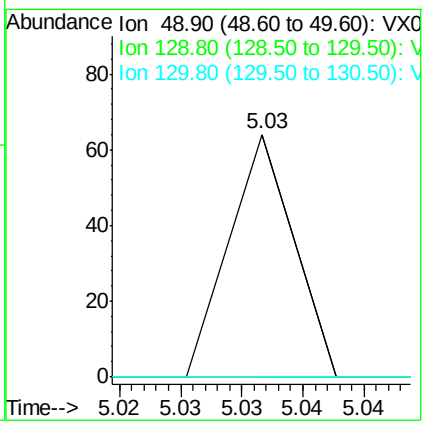


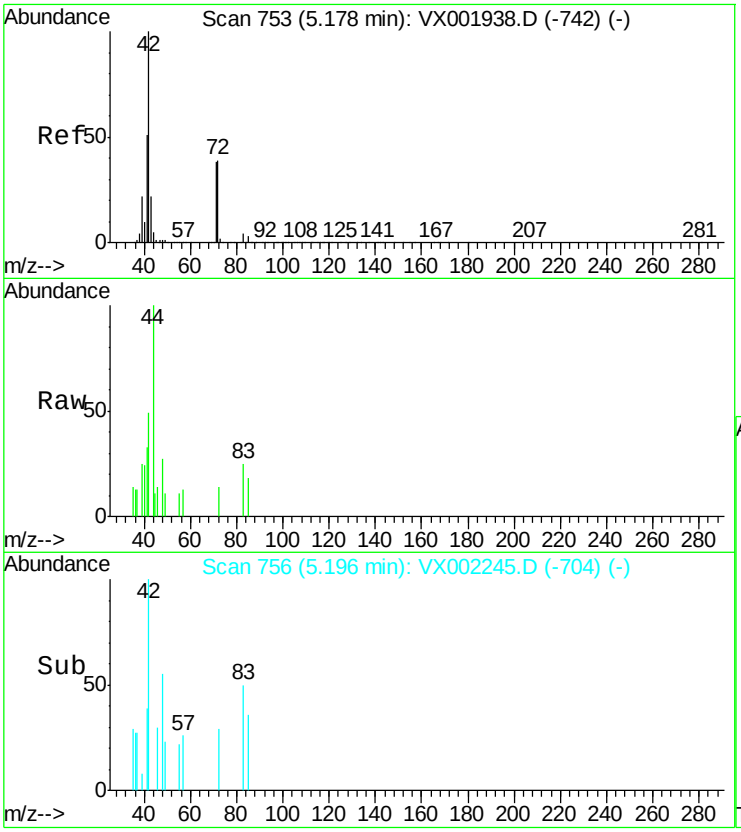


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 49 Resp: 23

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



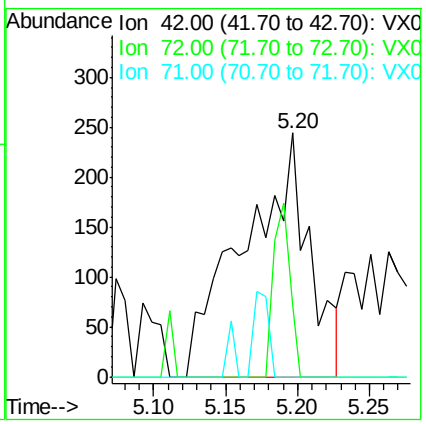


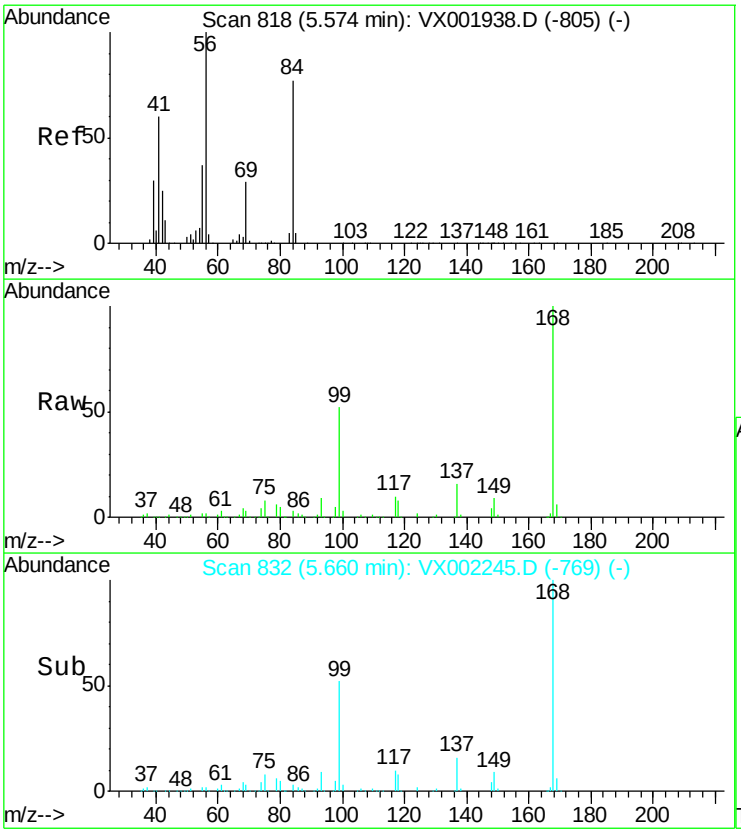
#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 766

Ion	Ratio	Lower	Upper
42	100		
72	18.3	31.4	47.0#
71	0.0	29.5	44.3#

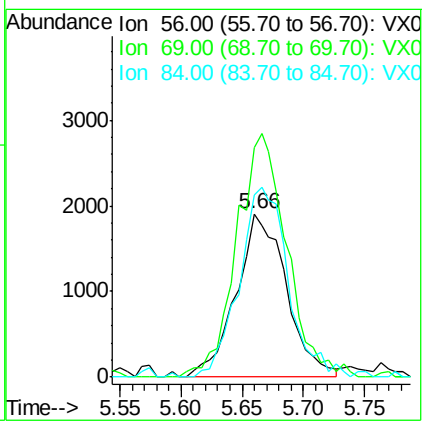


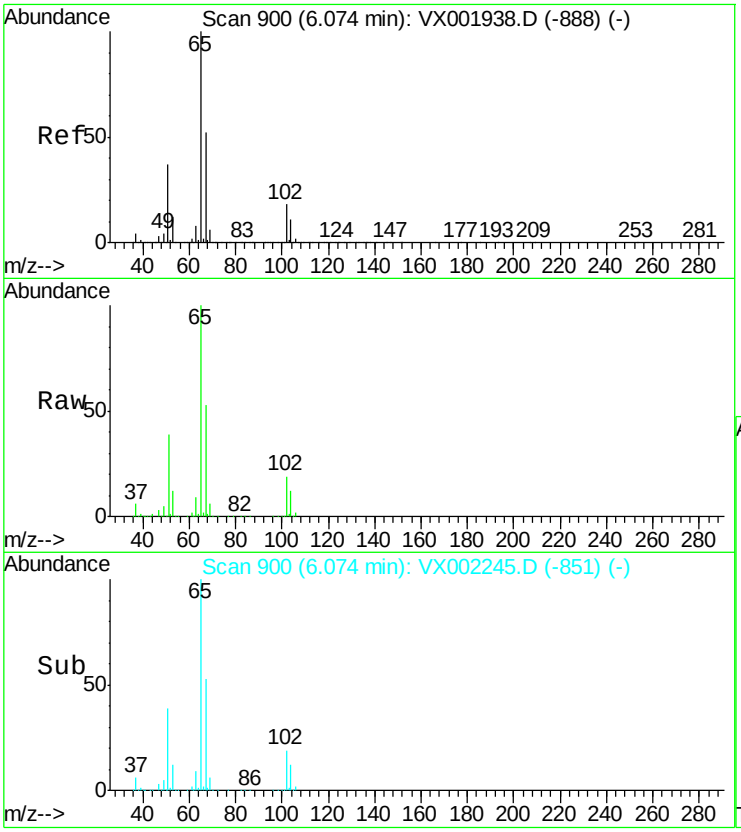


#31
Cyclohexane
Concen: 0.92 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 56 Resp: 5449

Ion	Ratio	Lower	Upper
56	100		
69	137.5	23.1	34.7#
84	111.2	62.0	93.0#



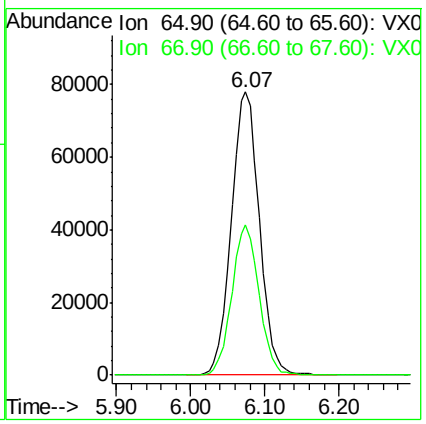


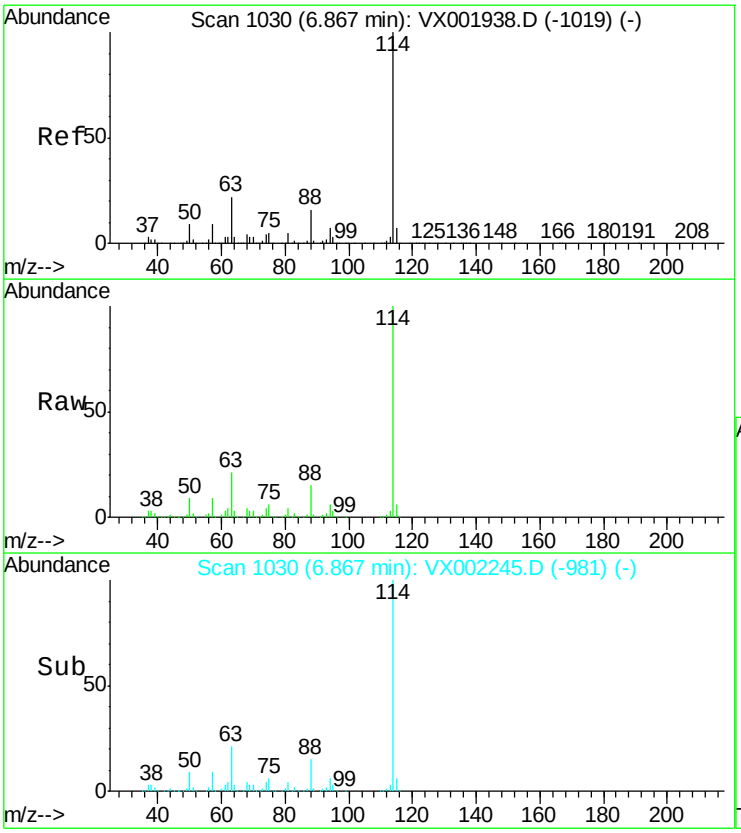
#33
1,2-Dichloroethane-d4
Concen: 47.96 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 205553

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

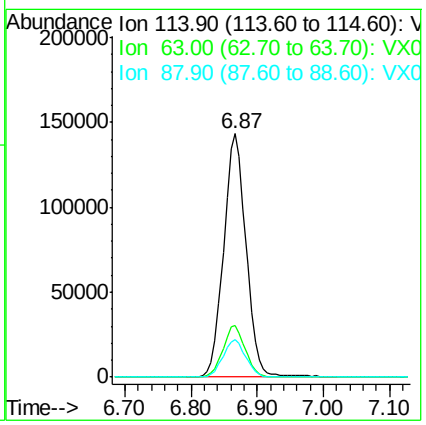


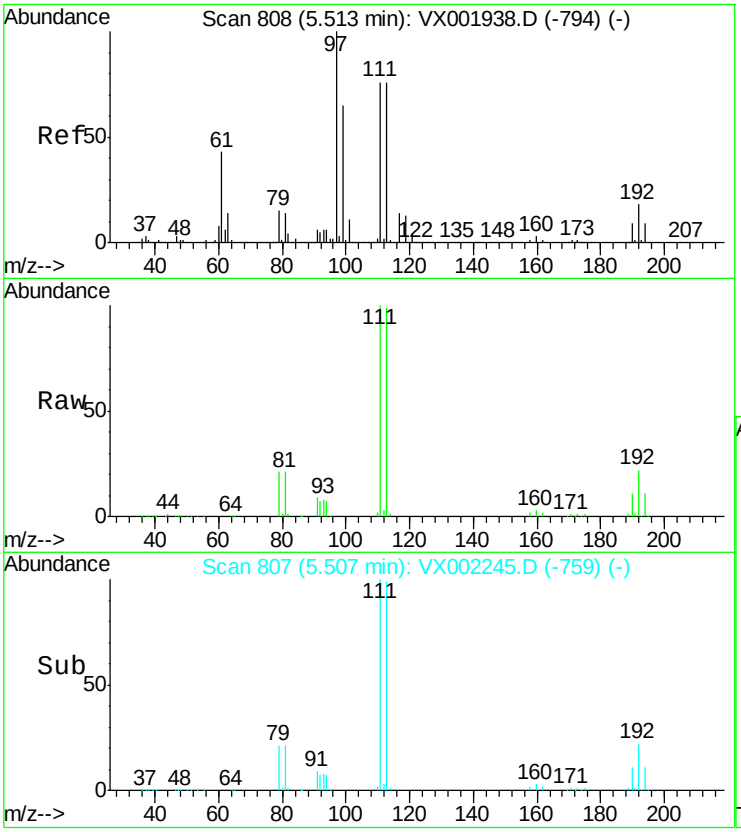


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion:114 Resp: 336514

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.4	0.0	31.6



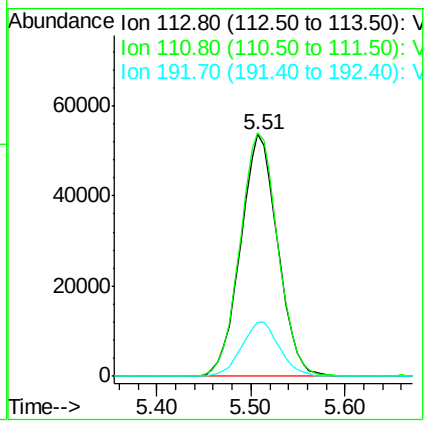


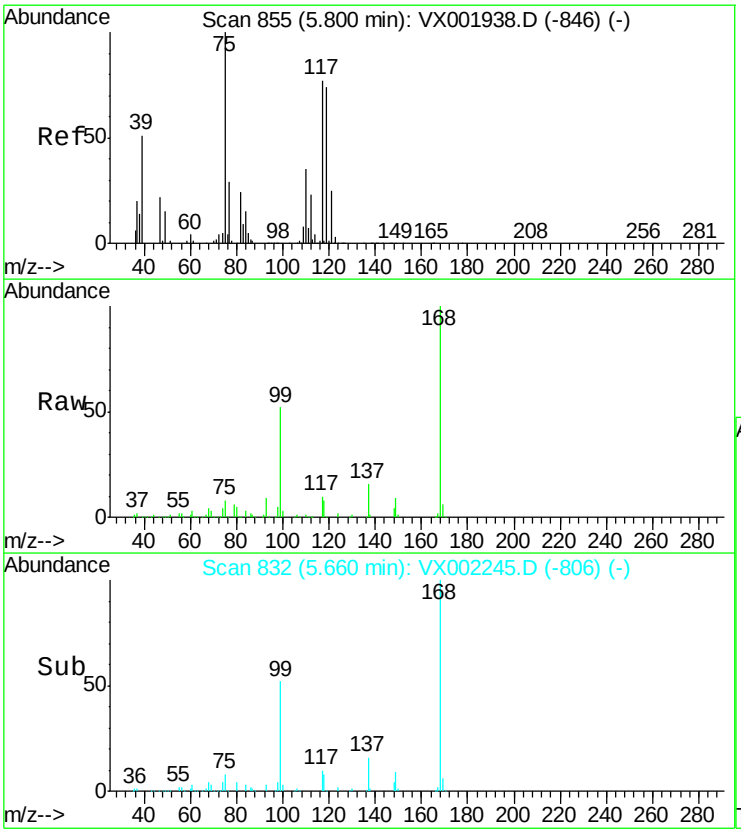
#35
Dibromofluoromethane
Concen: 44.05 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 148223

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	22.9	18.9	28.3

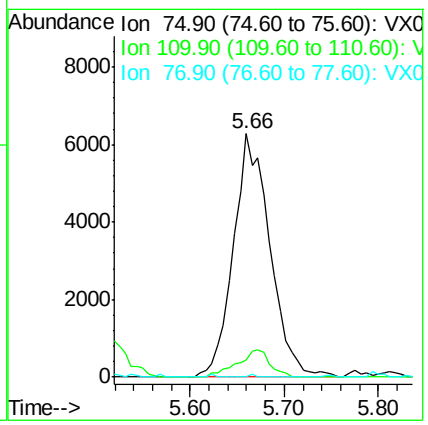


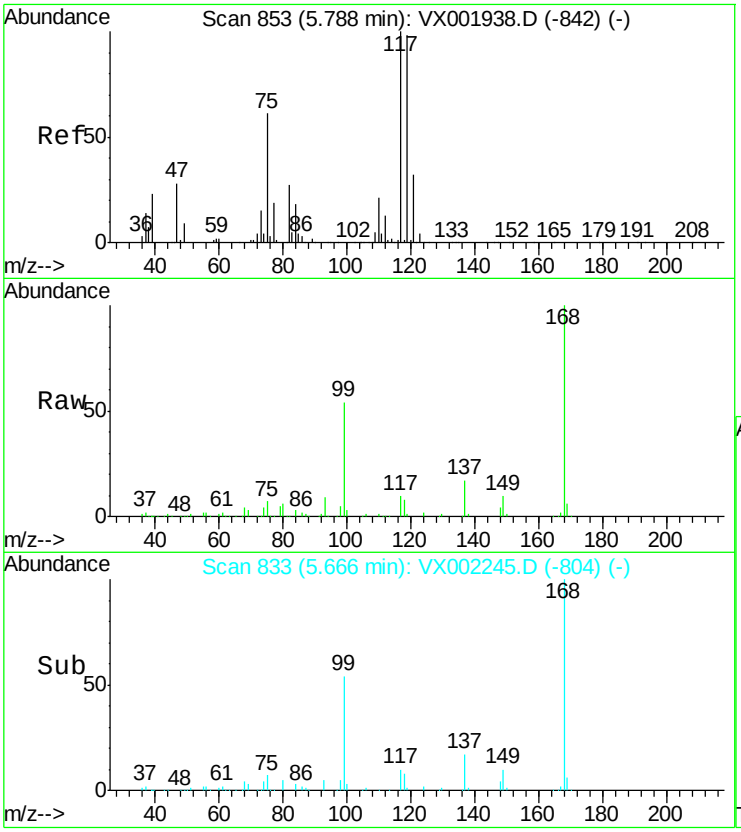


#36
1,1-Dichloropropene
Concen: 3.63 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 75 Resp: 16983

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.2#
77	0.1	24.4	36.6#



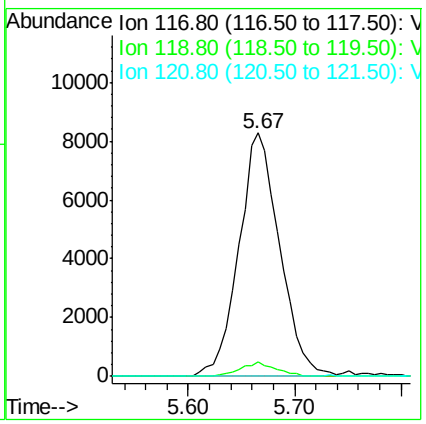


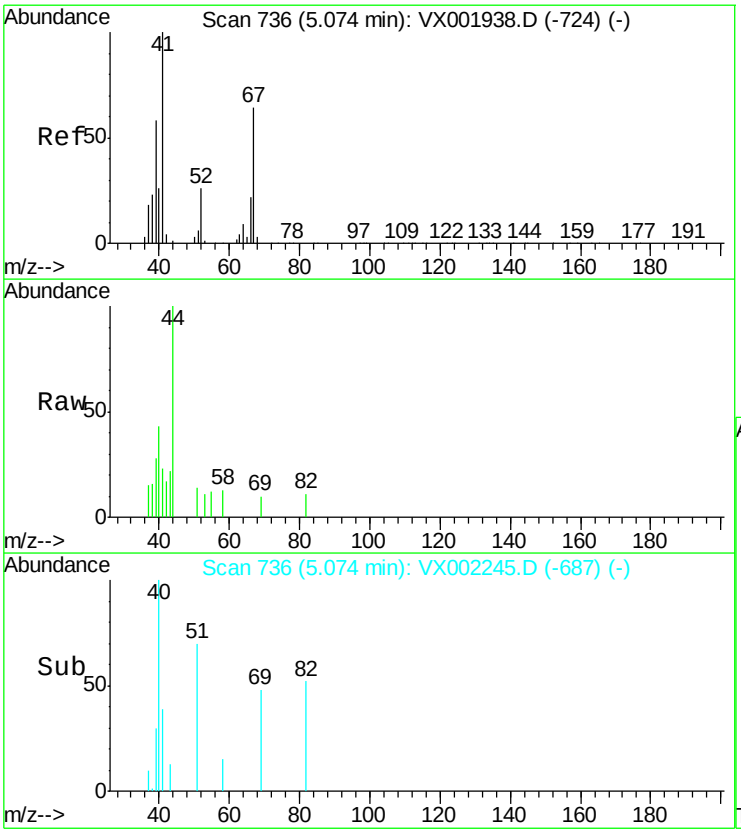
#38
Carbon Tetrachloride
Concen: 4.08 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22265

Ion	Ratio	Lower	Upper
117	100		
119	6.1	78.5	117.7#
121	0.0	25.5	38.3#

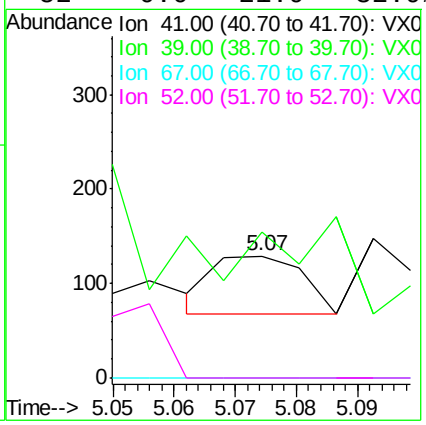


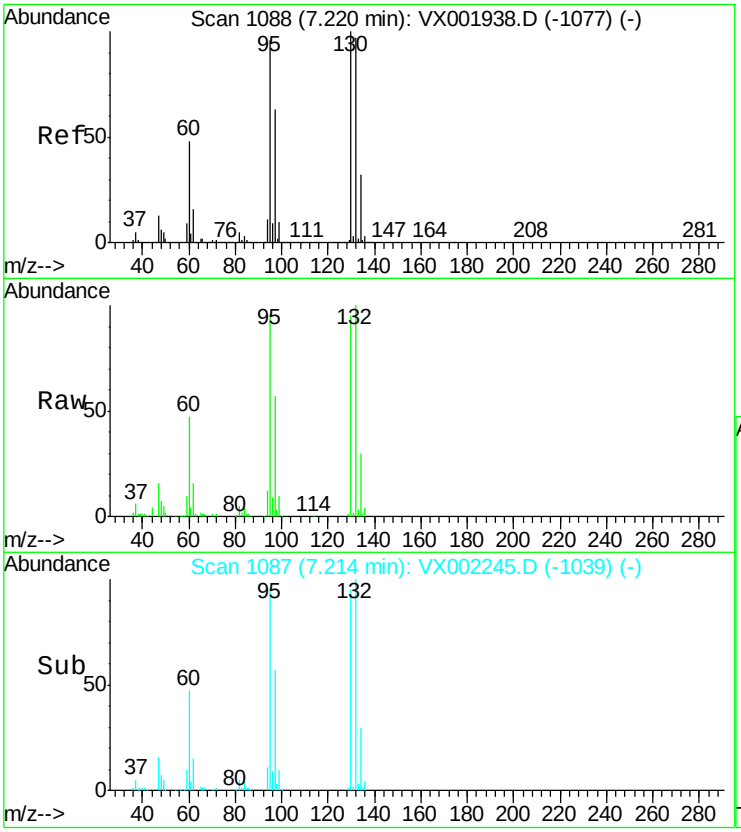


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 41 Resp: 62

Ion	Ratio	Lower	Upper
41	100		
39	130.6	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



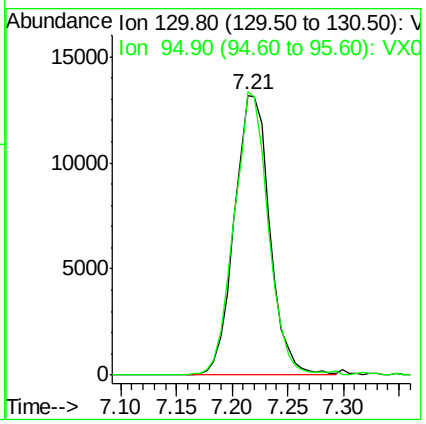


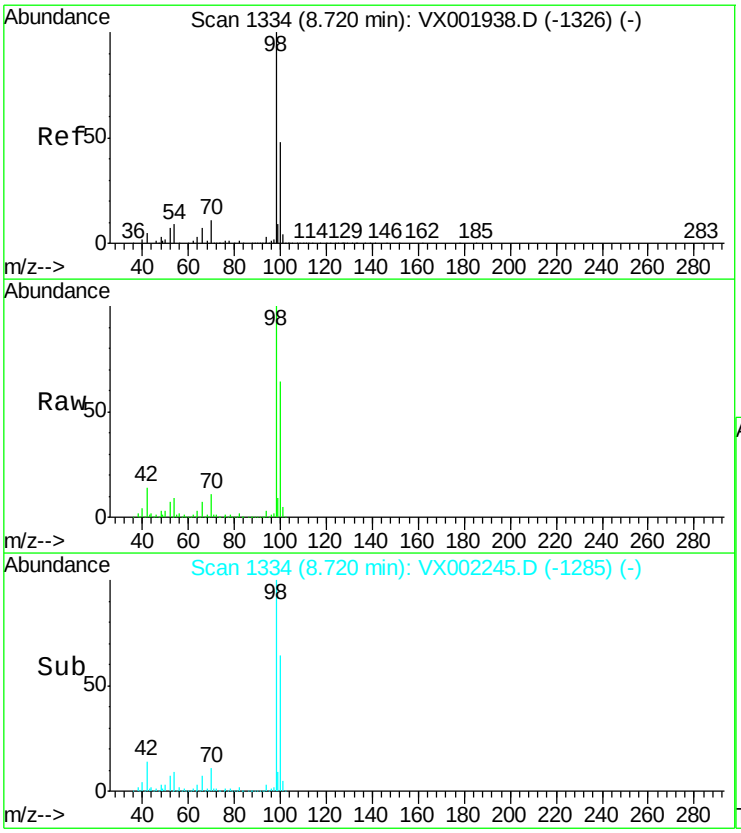
#44
Trichloroethene
Concen: 7.29 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 29120

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	192.0

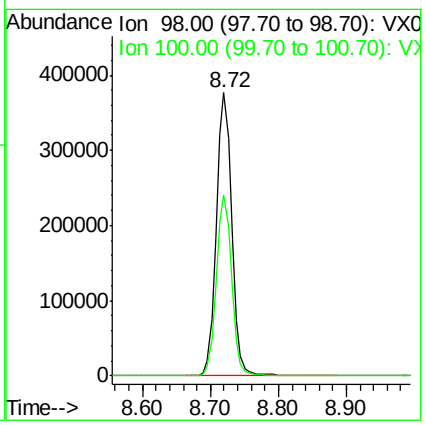


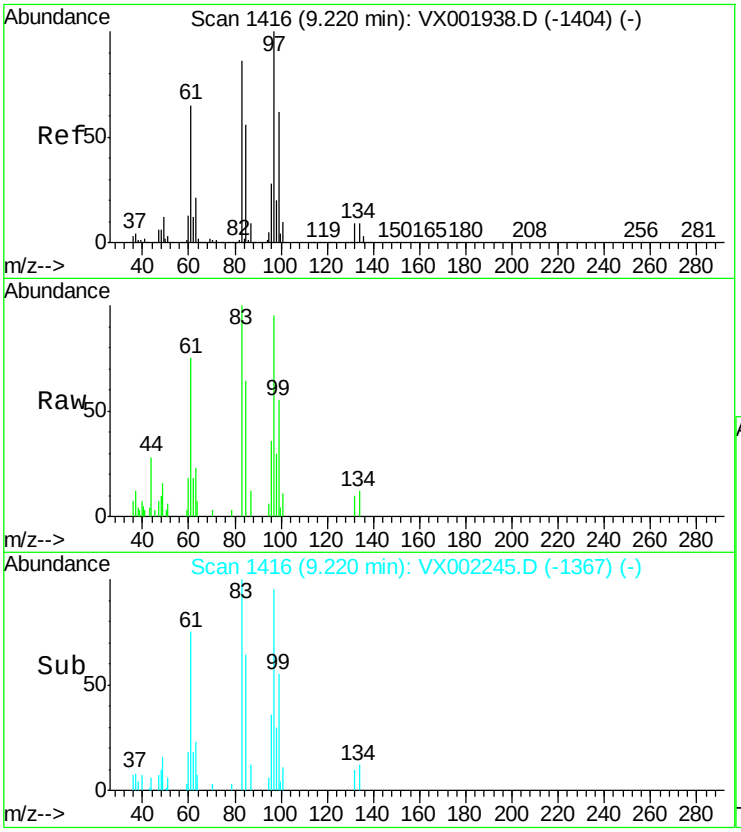


#50
Toluene-d8
Concen: 48.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 98 Resp: 592121

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.5	77.3



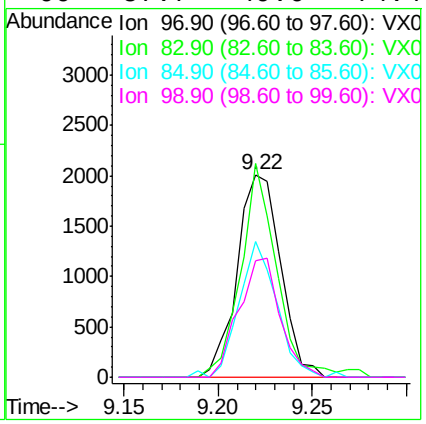


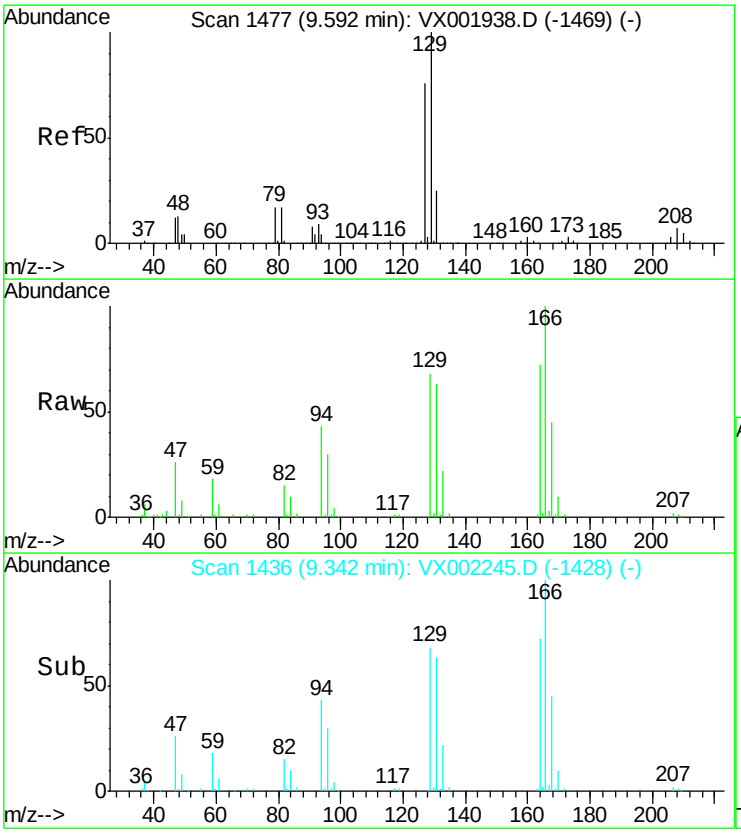
#55
1,1,2-Trichloroethane
Concen: 0.88 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 3214

Ion	Ratio	Lower	Upper
97	100		
83	105.5	69.1	103.7#
85	67.1	45.2	67.8
99	57.7	49.6	74.4

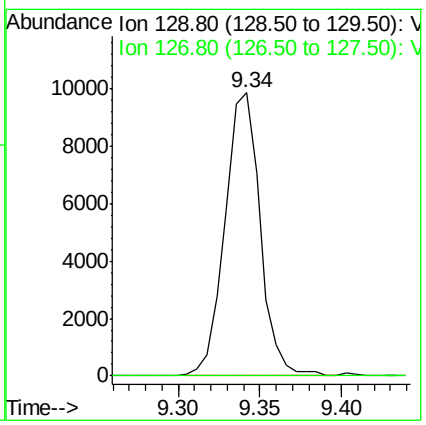


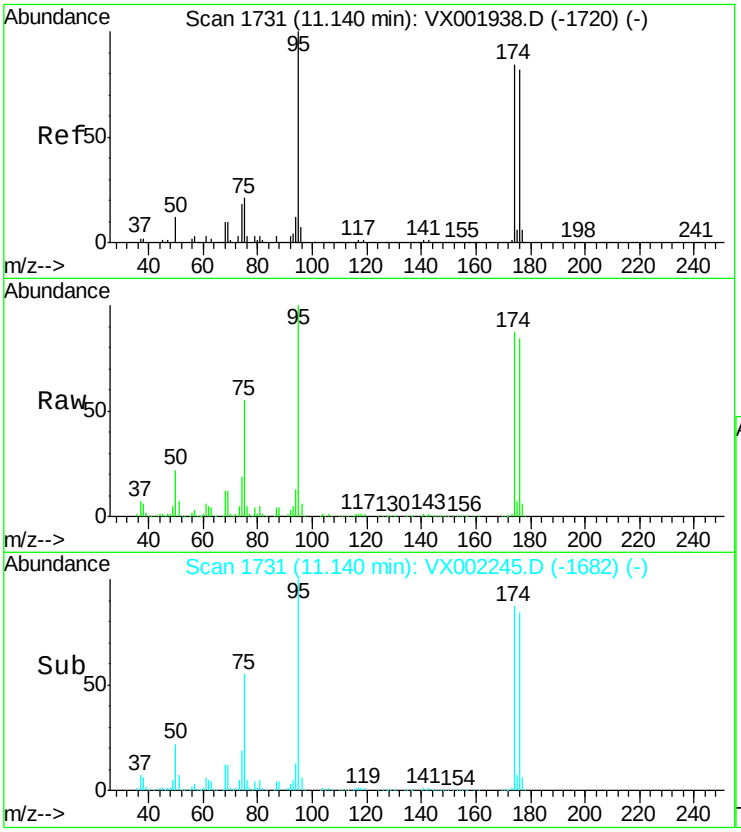


#60
Dibromochloromethane
Concen: 3.44 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion:129 Resp: 14839

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#



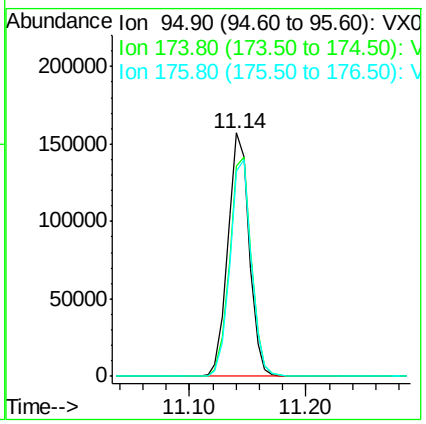


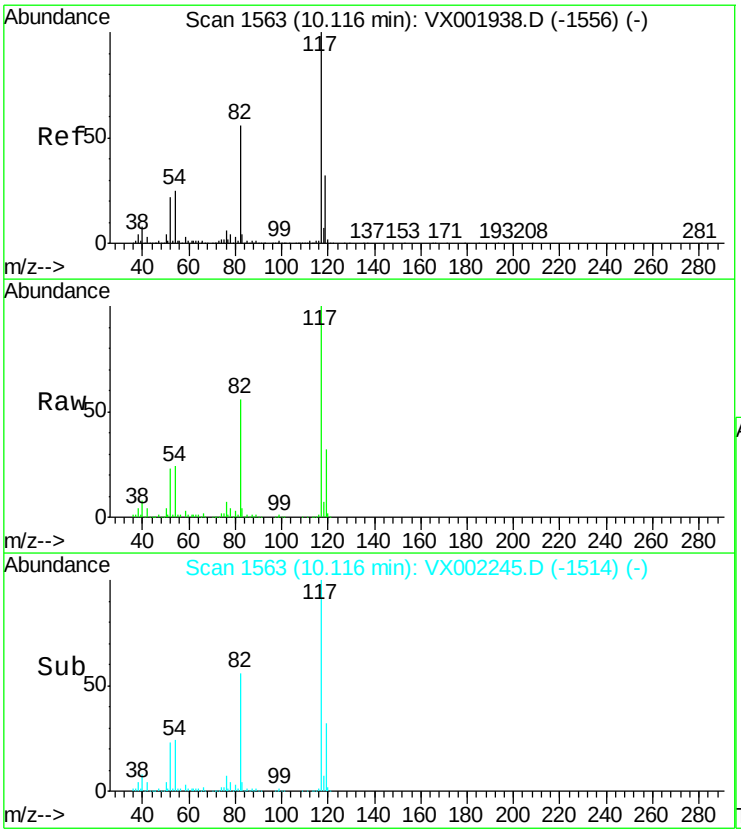
#62
4-Bromofluorobenzene
Concen: 42.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 201199

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	178.8
176	89.2	0.0	175.6

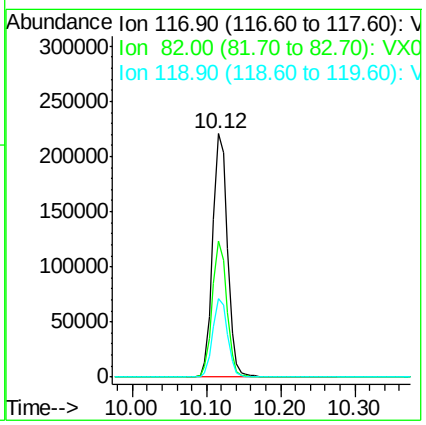


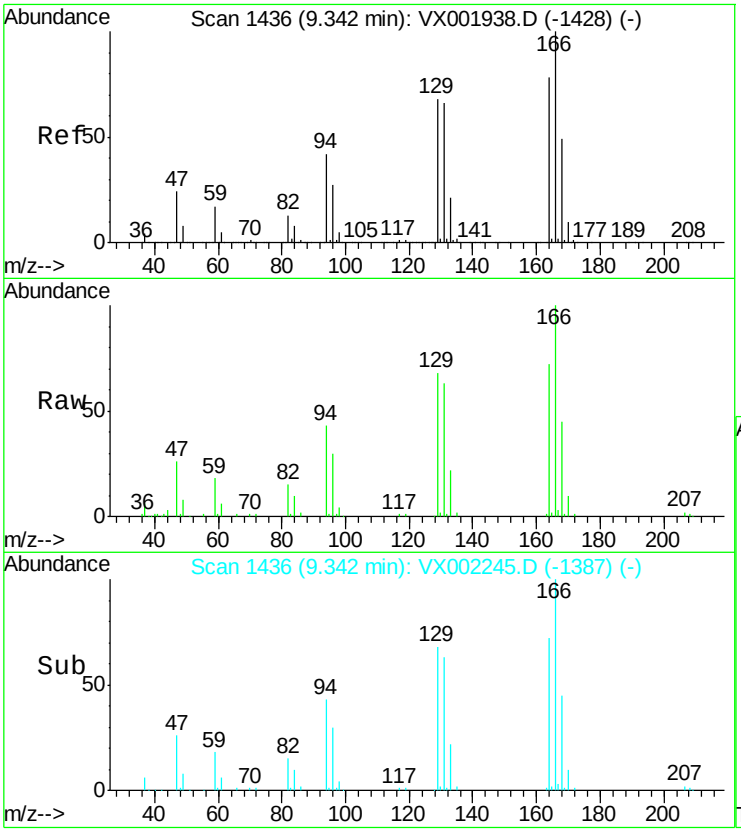


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion:117 Resp: 299971

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.8	67.2
119	32.5	25.5	38.3



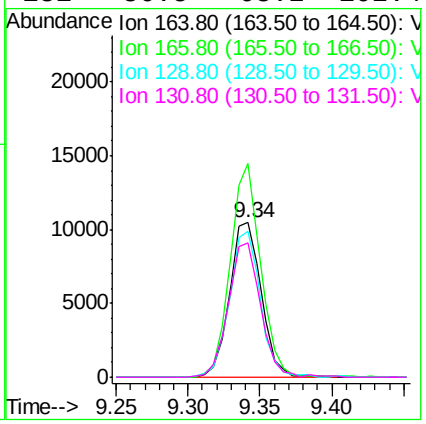


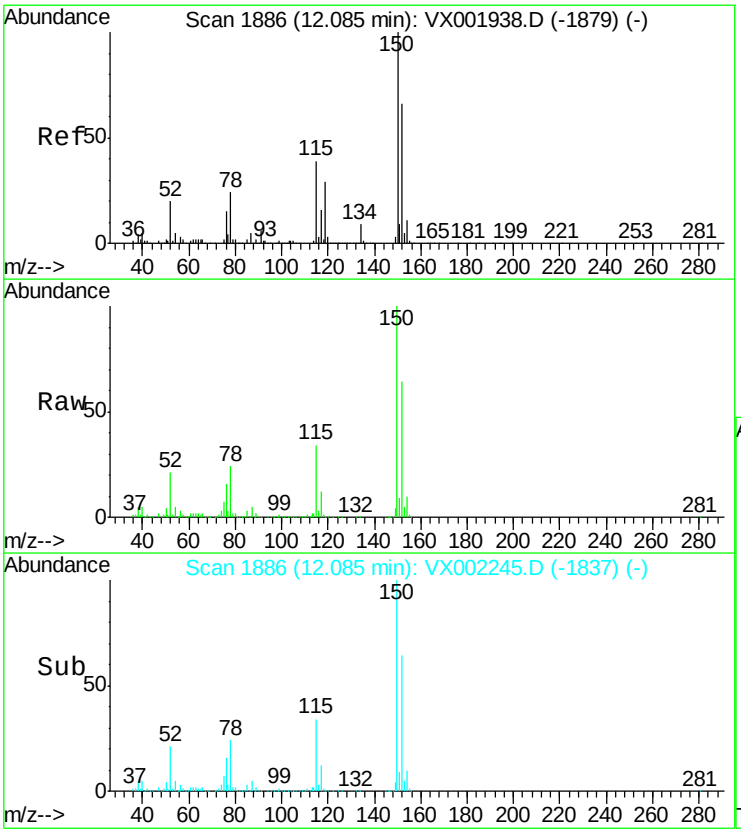
#64
Tetrachloroethene
Concen: 3.74 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 16086

Ion	Ratio	Lower	Upper
164	100		
166	138.0	102.7	154.1
129	94.2	70.3	105.5
131	86.5	68.2	102.4

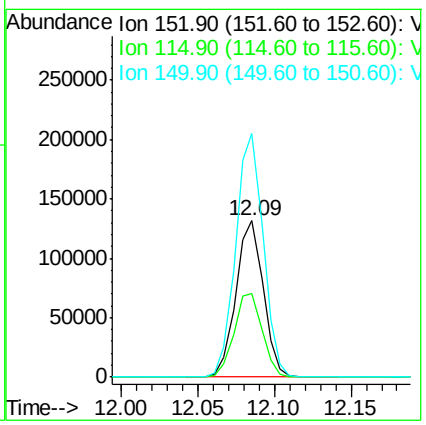


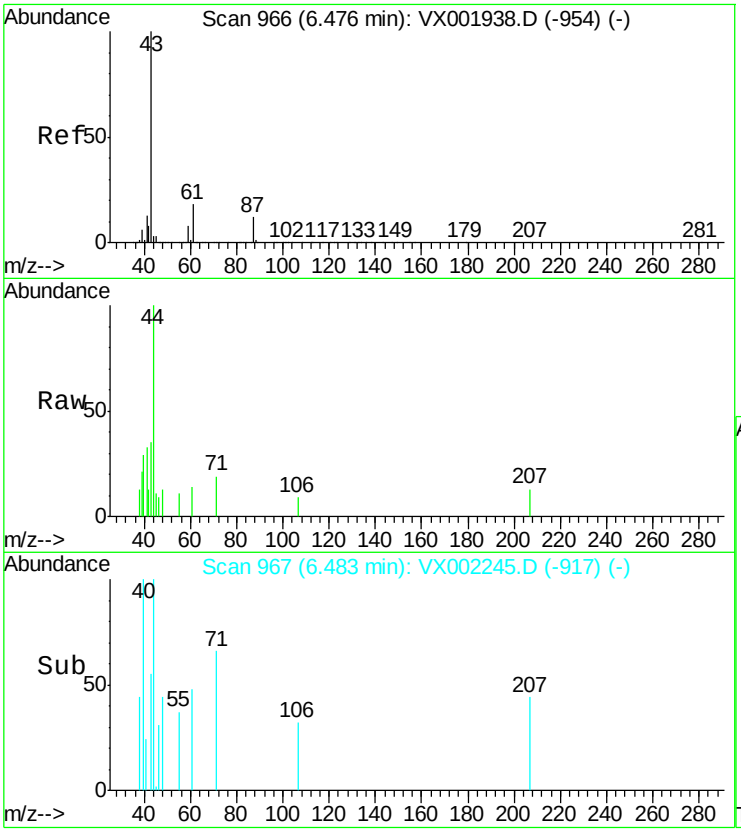


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion:152 Resp: 163172

Ion	Ratio	Lower	Upper
152	100		
115	55.3	42.3	126.8
150	156.7	0.0	351.0



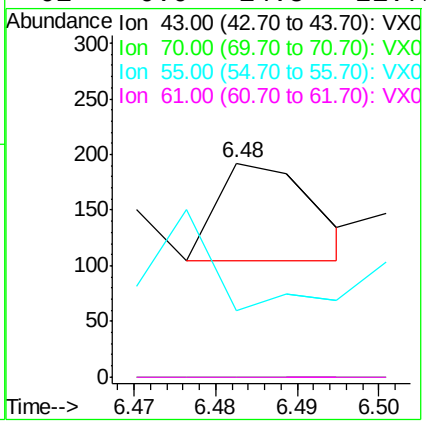


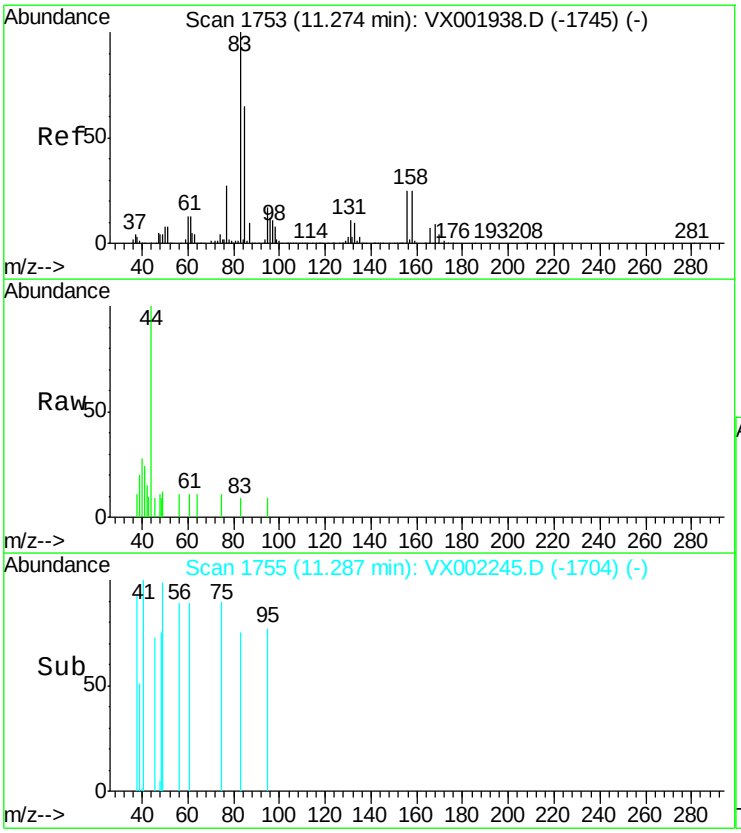
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	223.9	0.1	0.1#
61	0.0	14.5	21.7#

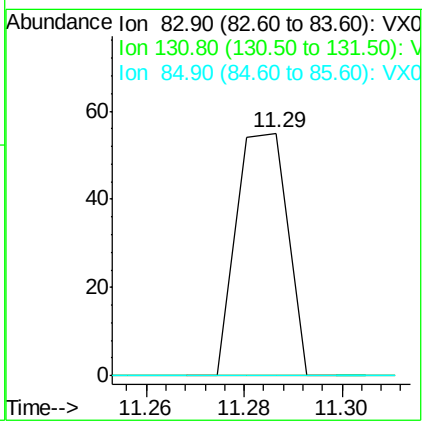


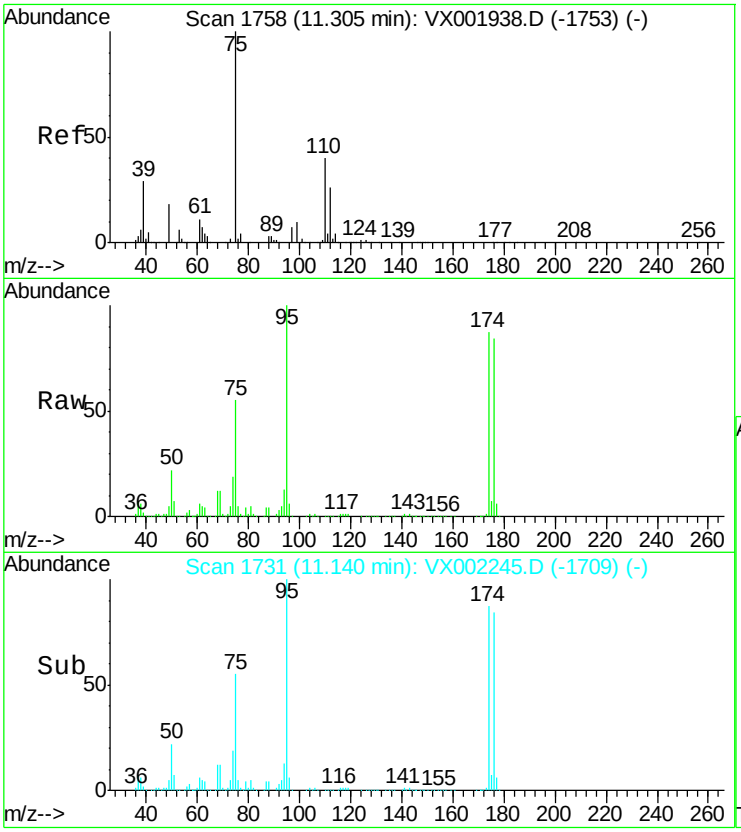


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 83 Resp: 40

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



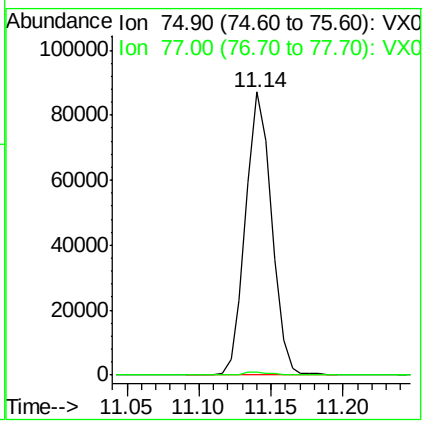


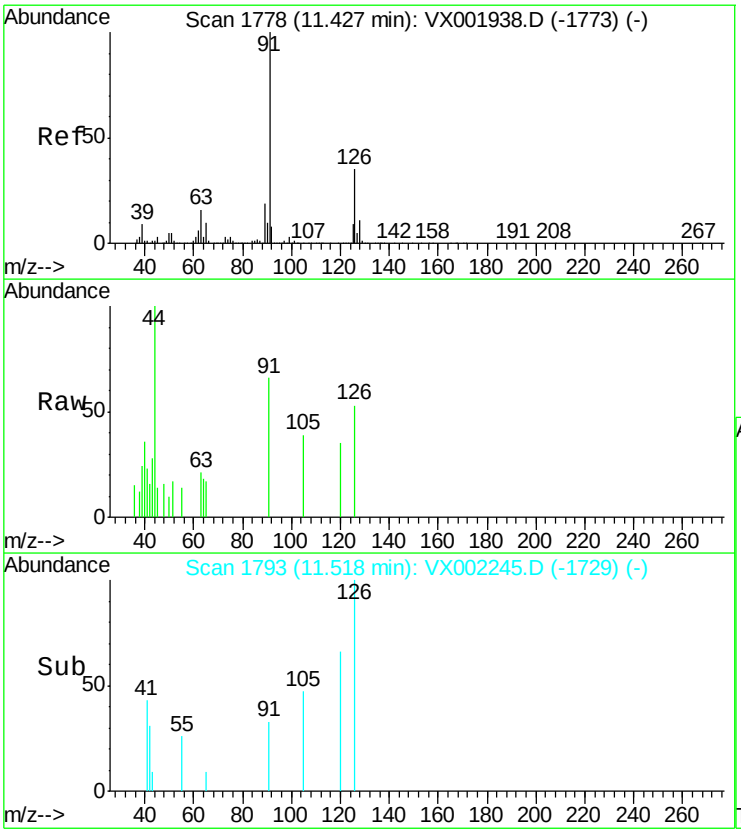
#76
1,2,3-Trichloropropane
Concen: 27.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 108703

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

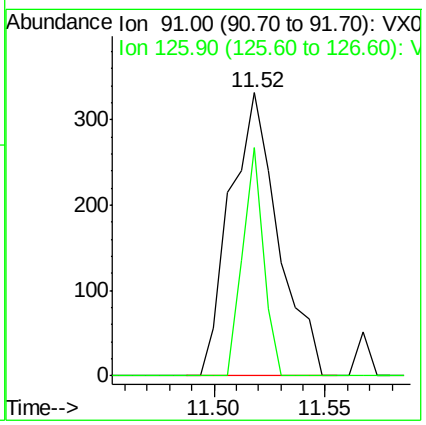


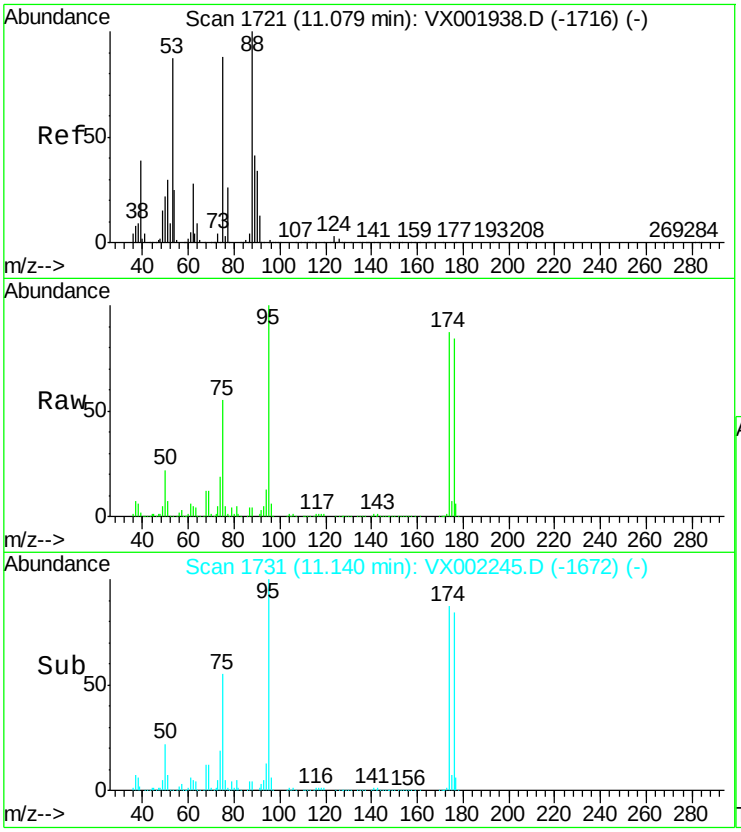


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.52 min Scan# 1793
Delta R.T. 0.09 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Tgt Ion: 91 Resp: 498

Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 66.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002245.D
Acq: 02 Jun 2018 17:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 108703

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