Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053118\
Data File : VX002209.D
Acq On : 01 Jun 2018 10:02
Operator : JC/MD
Sample : J3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 01 15:25:51 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	249226	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363276	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329229	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180743	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	210189	47.18 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.36%	
35) Dibromofluoromethane	5.51	113	154678	42.58 ug/l	0.00
Spiked Amount 50.000			Recovery =	85.16%	
50) Toluene-d8	8.72	98	615185	46.78 ug/l	0.00
Spiked Amount 50.000			Recovery =	93.56%	
62) 4-Bromofluorobenzene	11.14	95	212298	41.26 ug/l	0.00
Spiked Amount 50.000			Recovery =	82.52%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	383	Below Cal #	68
3) Chloromethane	1.32	50	1296	0.338 ug/l #	79
5) Bromomethane	1.61	94	187	Below Cal	90
10) Methyl Iodide	2.53	142	1805	0.430 ug/l	97
12) 1,1-Dichloroethene	2.38	96	1037	0.357 ug/l	94
13) Acrolein	2.30	56	399	1.055 ug/l #	68
16) Acetone	2.45	43	1767	1.028 ug/l #	81
18) Methyl Acetate	2.78	43	480	Below Cal #	78
20) Methylene Chloride	2.86	84	647	Below Cal #	61
21) trans-1,2-Dichloroethene	3.16	96	610	Below Cal #	67
27) cis-1,2-Dichloroethene	4.61	96	15351	4.053 ug/l	84
28) Bromochloromethane	5.02	49	19	Below Cal #	14
29) Tetrahydrofuran	5.17	42	676	0.330 ug/l #	47
36) 1,1-Dichloropropene	5.67	75	17987	3.560 ug/l #	52
38) Carbon Tetrachloride	5.67	117	23335	3.960 ug/l #	16
41) Methacrylonitrile	5.04	41	146	Below Cal #	44
44) Trichloroethene	7.21	130	41490	9.618 ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	1220	0.310 ug/l	94
60) Dibromochloromethane	9.34	129	6520	1.399 ug/l #	11
64) Tetrachloroethene	9.34	164	7139	1.512 ug/l	96
74) N-amyl acetate	6.48	43	166	Below Cal #	59
75) 1,1,2,2-Tetrachloroethane	11.38	83	25	Below Cal #	25
76) 1,2,3-Trichloropropane	11.14	75	114901	26.467 ug/l #	33
79) 2-Chlorotoluene	11.43	91	401	Below Cal	98
81) trans-1,4-Dichloro-2-buten	11.14	75	114901	63.610 ug/l #	10

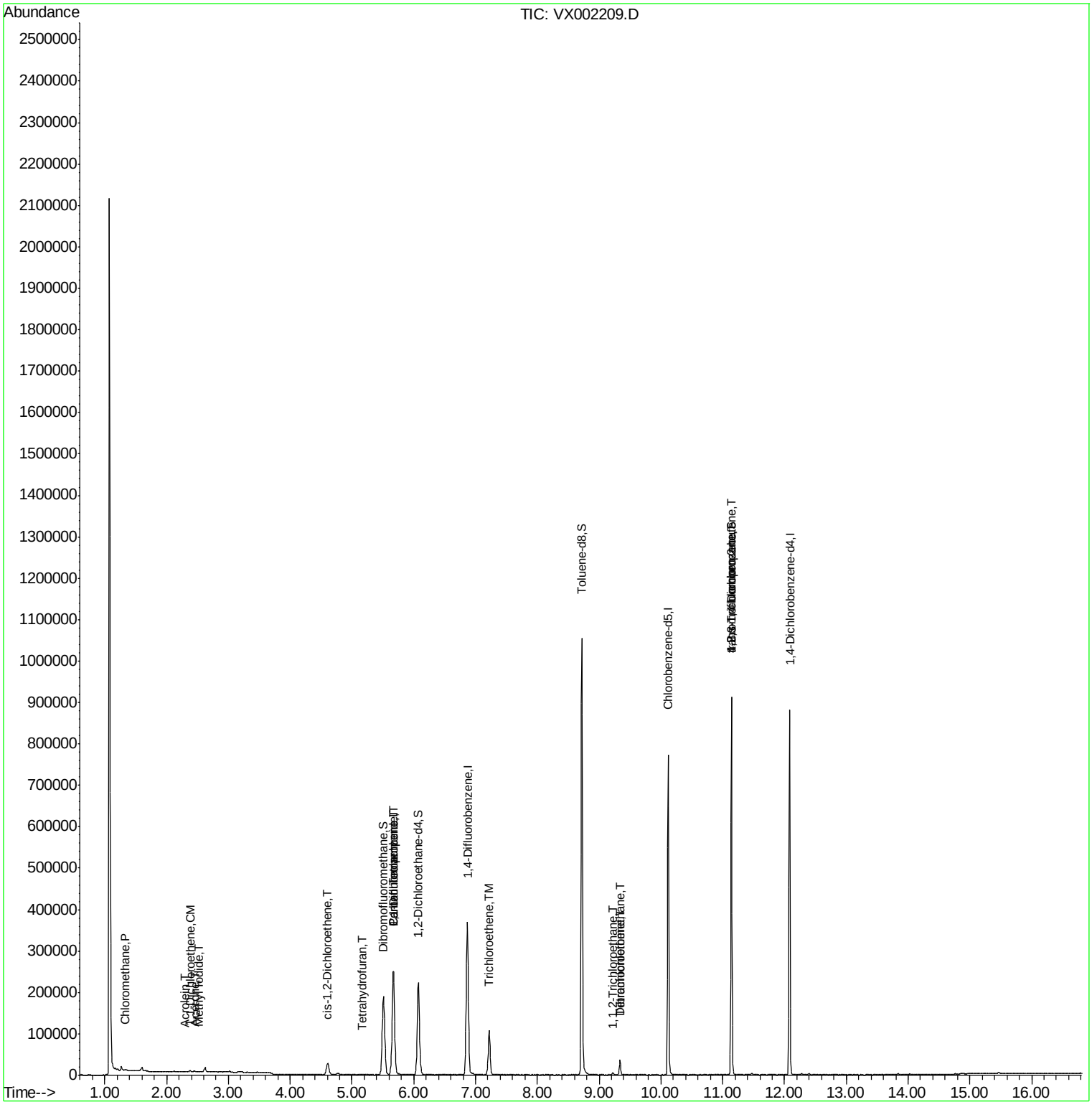
(#) = qualifier out of range (m) = manual integration (+) = signals summed

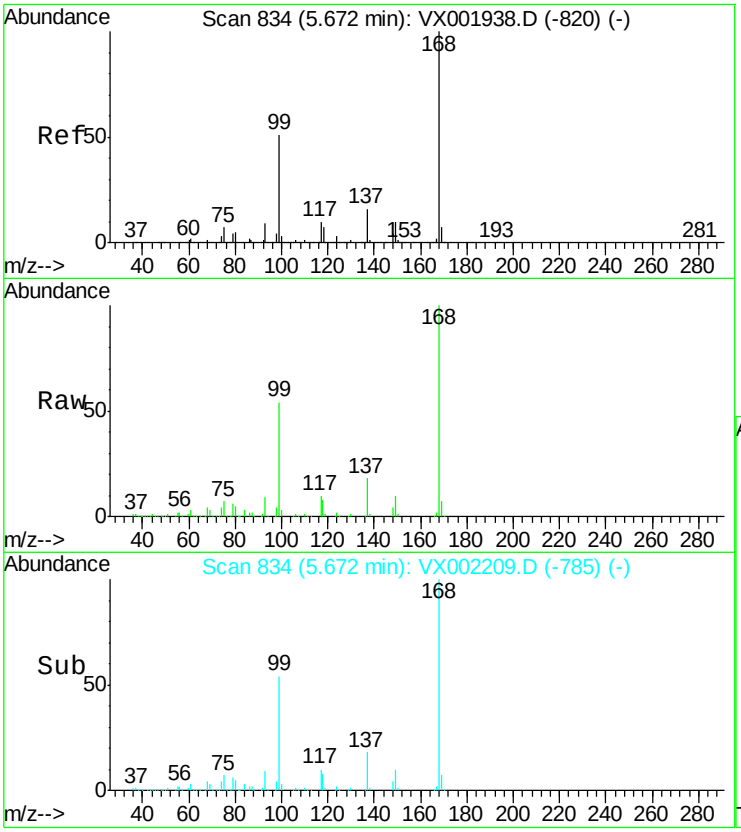
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053118\
Data File : VX002209.D
Acq On : 01 Jun 2018 10:02
Operator : JC/MD
Sample : J3119-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 01 15:25:51 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



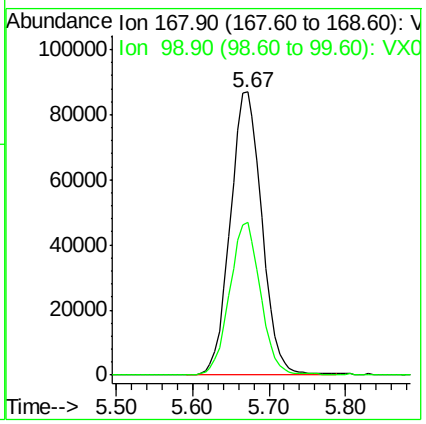


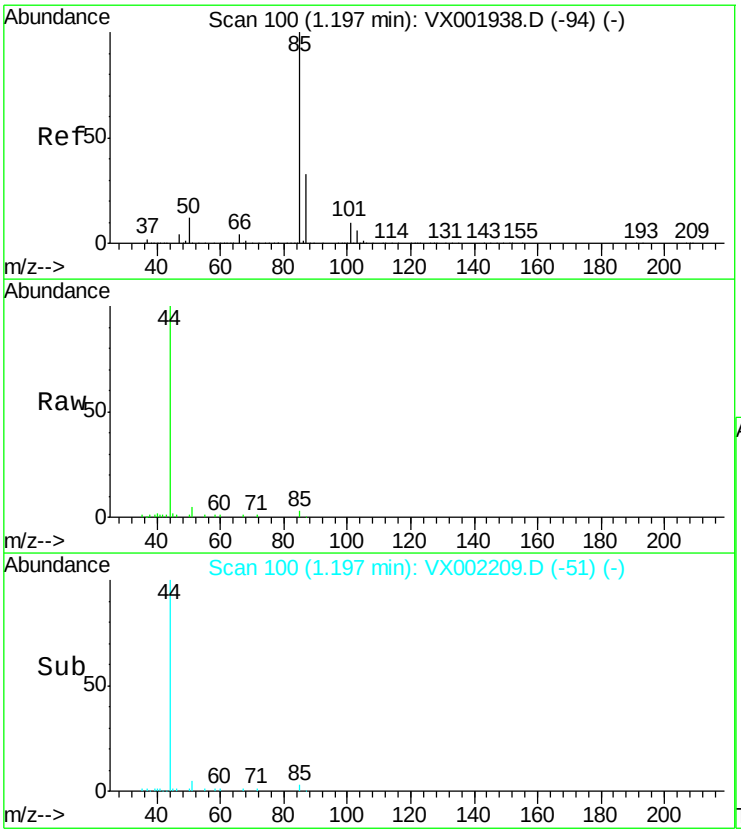
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 249226

Ion	Ratio	Lower	Upper
168	100		
99	54.1	41.0	61.4

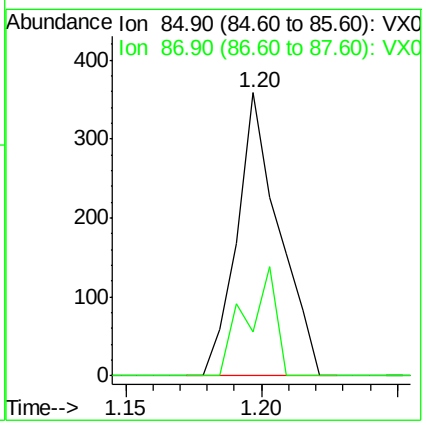


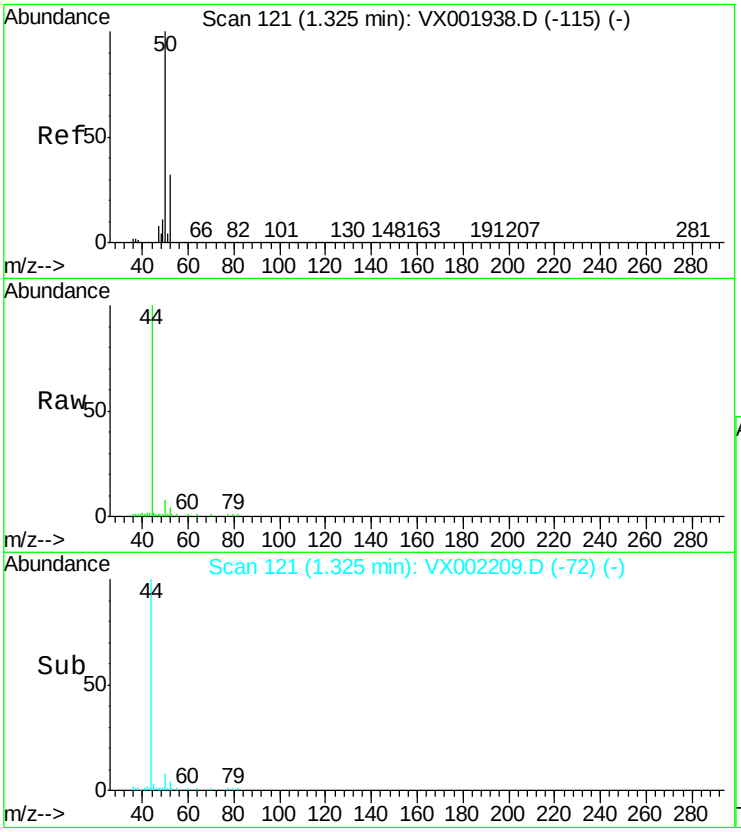


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 85 Resp: 383

Ion	Ratio	Lower	Upper
85	100		
87	15.4	16.7	50.0#



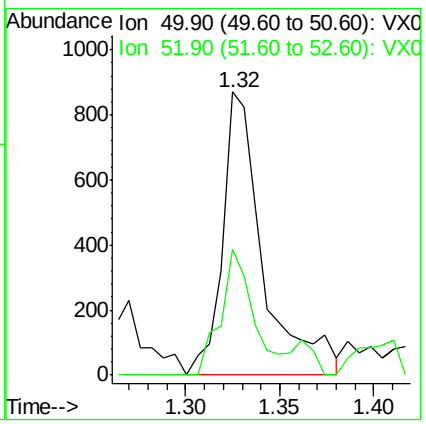


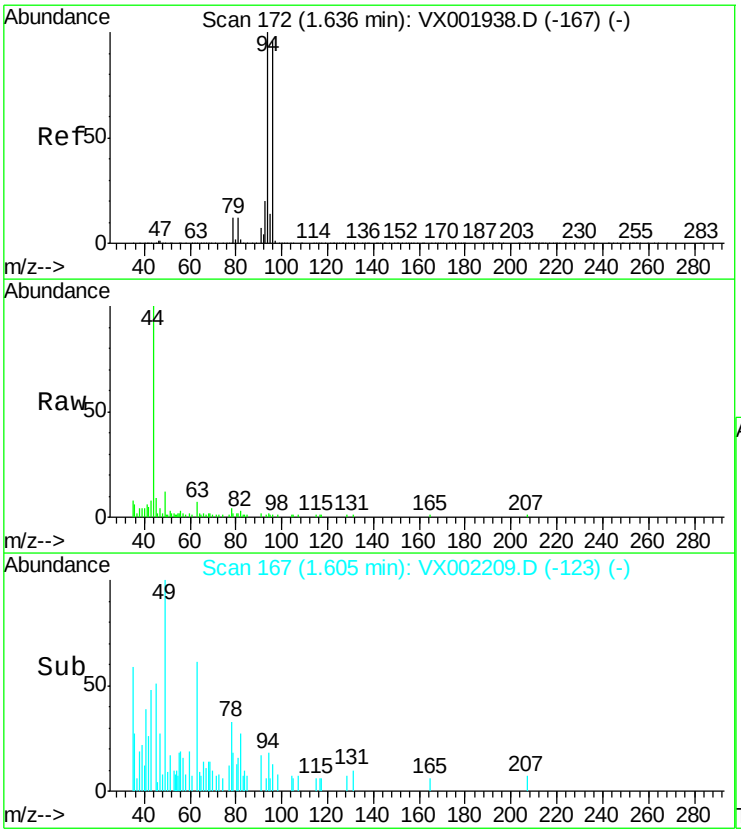
#3
Chloromethane
Concen: 0.338 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1296

Ion	Ratio	Lower	Upper
50	100		
52	44.4	26.0	39.0#

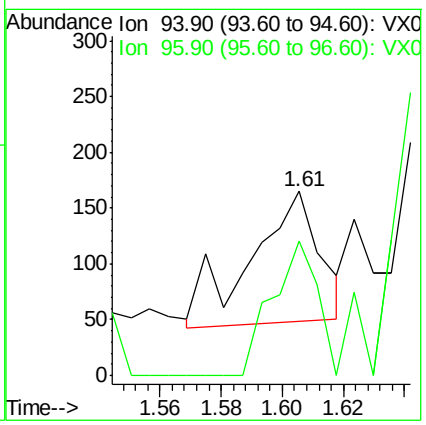


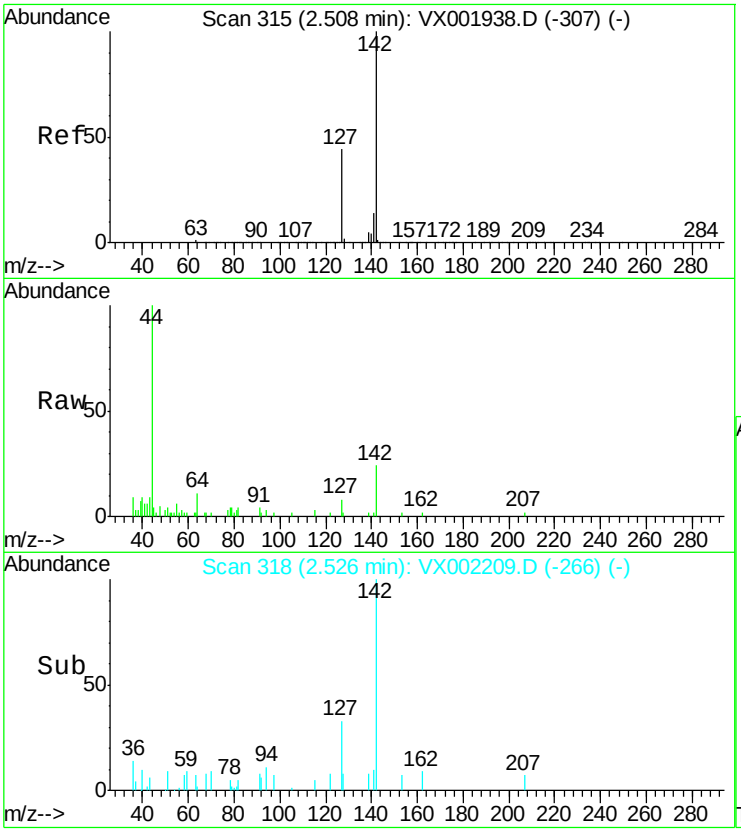


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 167
Delta R.T. -0.03 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 94 Resp: 187

Ion	Ratio	Lower	Upper
94	100		
96	104.3	75.9	113.9



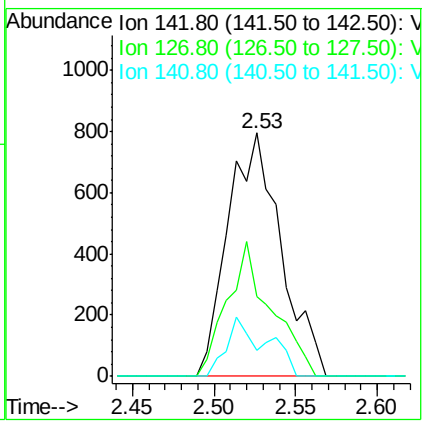


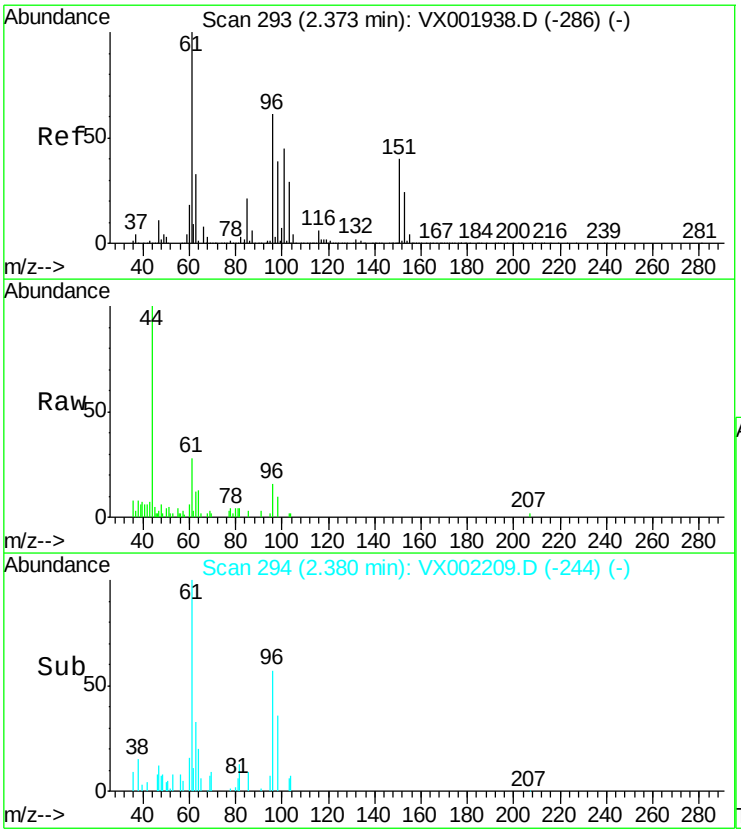
#10
Methyl Iodide
Concen: 0.430 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1805

Ion	Ratio	Lower	Upper
142	100		
127	45.5	35.5	53.3
141	11.3	11.3	16.9

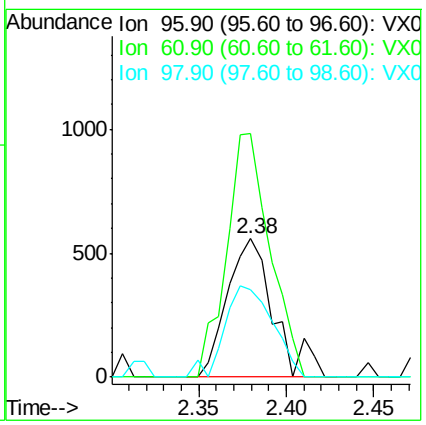


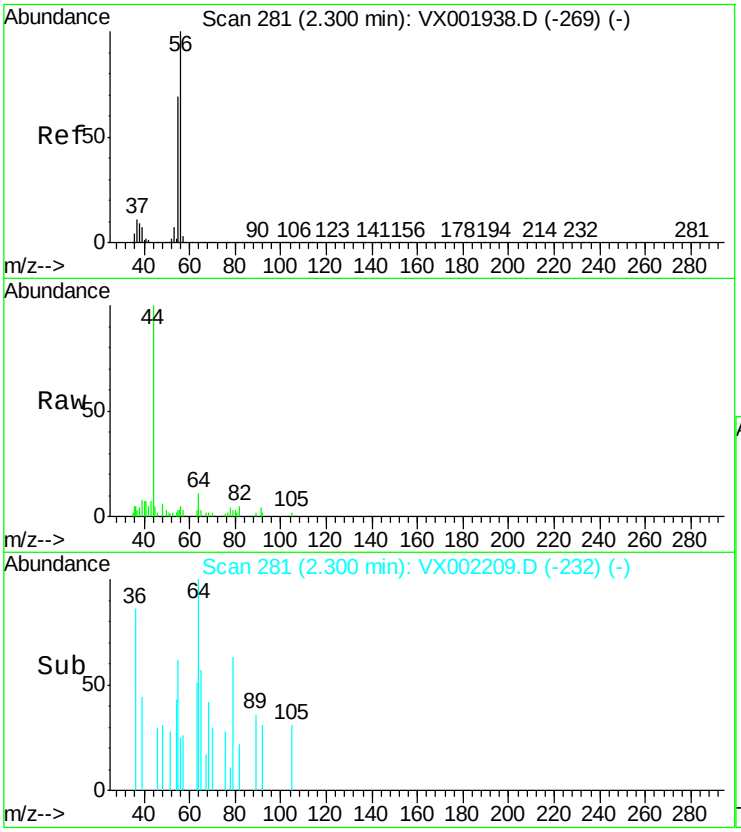


#12
1,1-Dichloroethene
Concen: 0.357 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 96 Resp: 1037

Ion	Ratio	Lower	Upper
96	100		
61	175.7	131.7	197.5
98	63.1	51.6	77.4



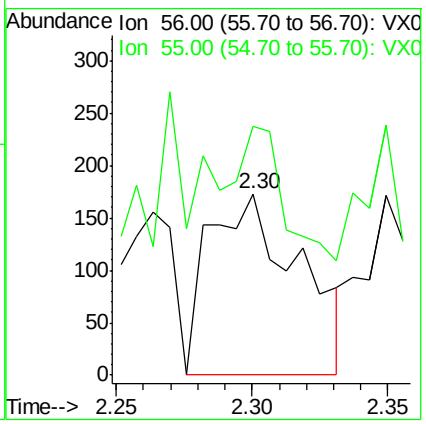


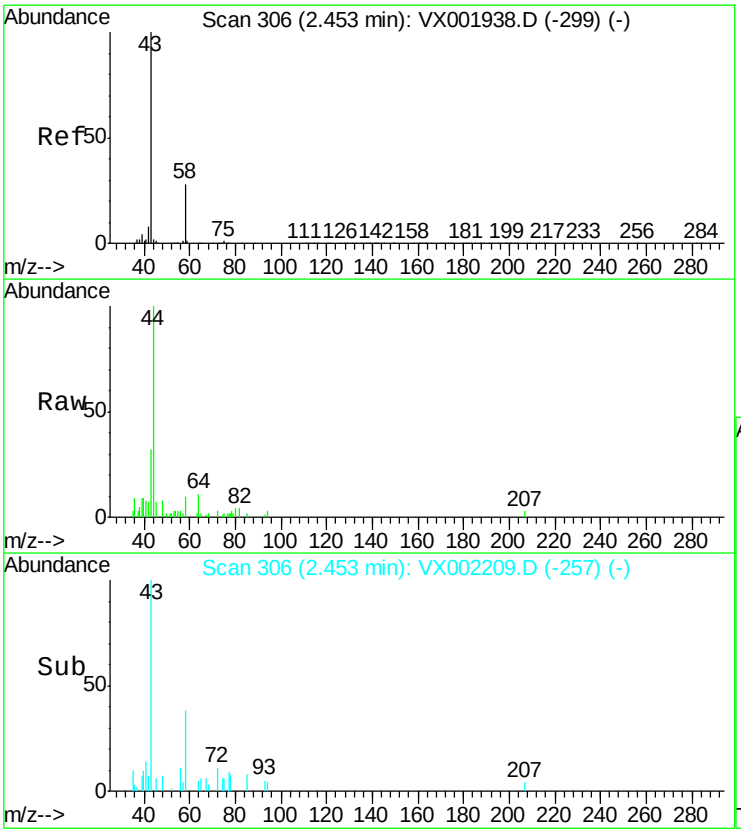
#13
Acrolein
Concen: 1.055 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 399

Ion	Ratio	Lower	Upper
56	100		
55	44.9	56.8	85.2#

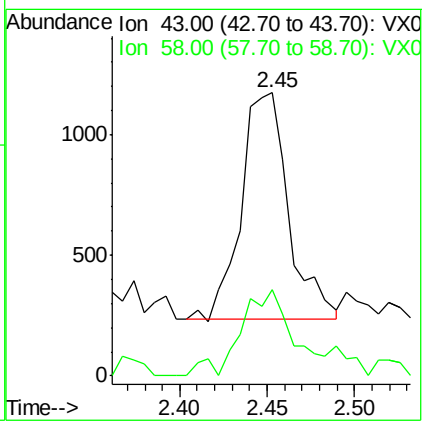


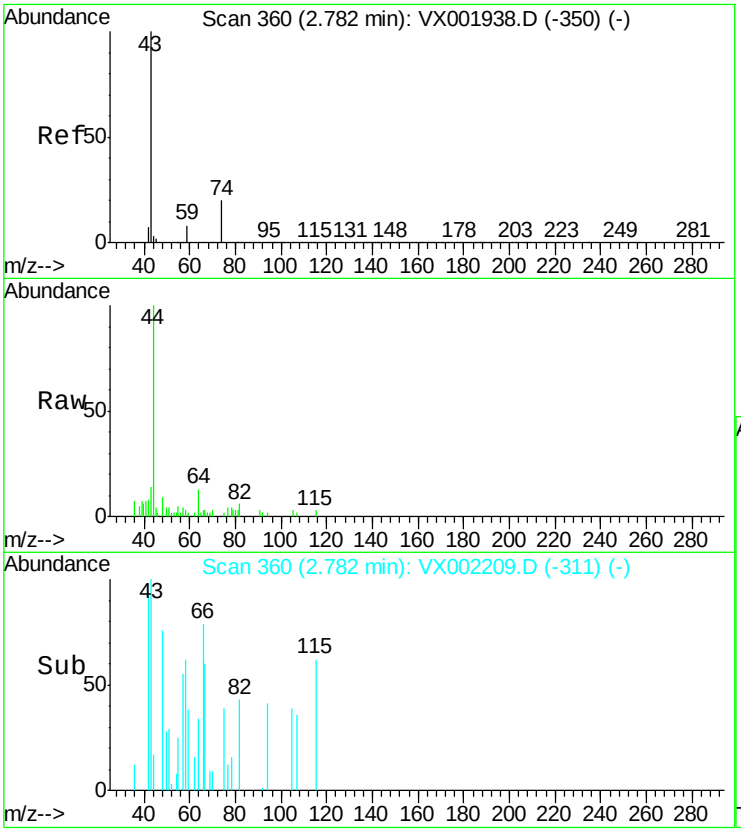


#16
Acetone
Concen: 1.028 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 43 Resp: 1767

Ion	Ratio	Lower	Upper
43	100		
58	38.1	22.3	33.5#



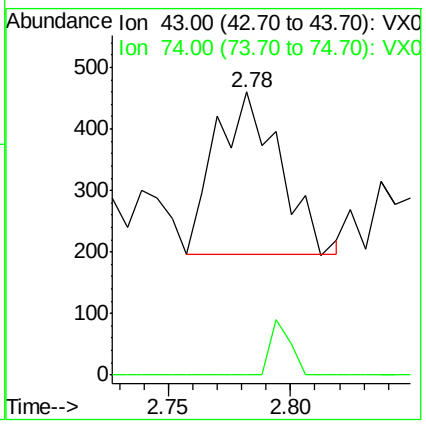


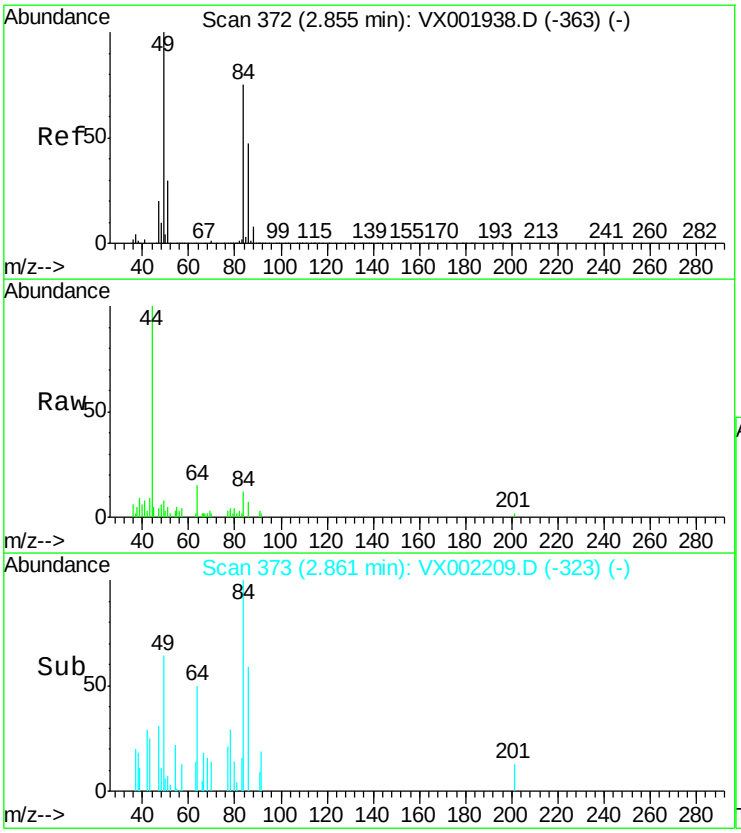
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 480

Ion	Ratio	Lower	Upper
43	100		
74	10.8	16.8	25.2#

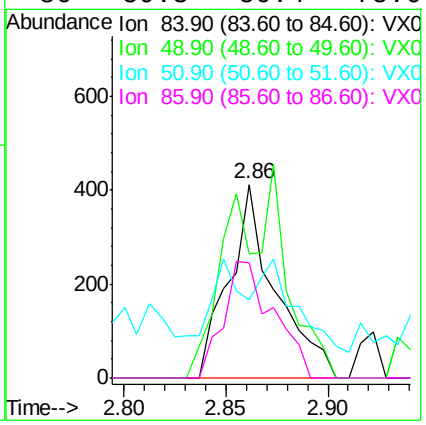


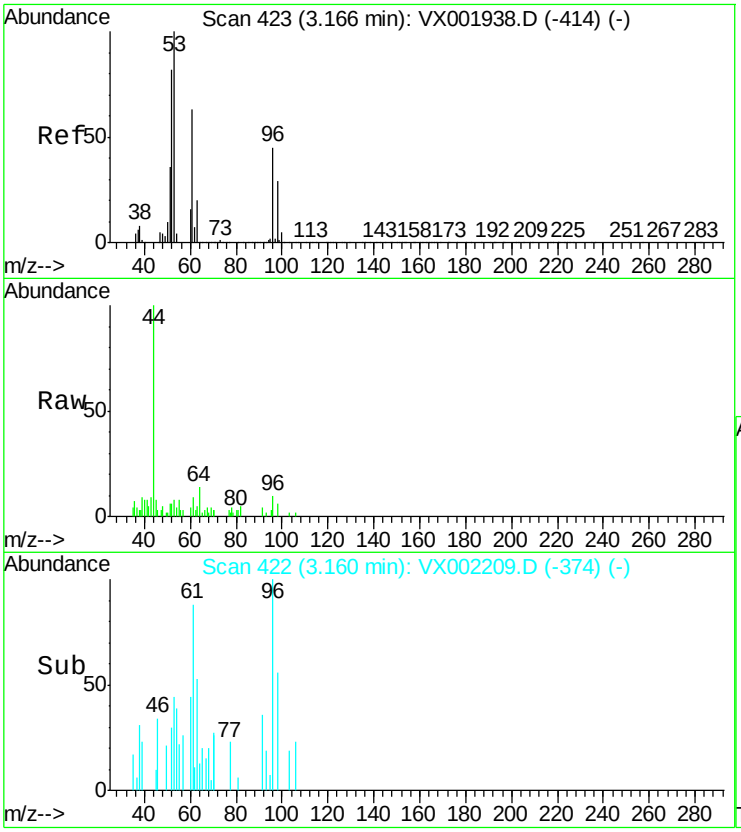


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 84 Resp: 647

Ion	Ratio	Lower	Upper
84	100		
49	63.9	107.2	160.8#
51	23.7	32.4	48.6#
86	59.3	50.4	75.6



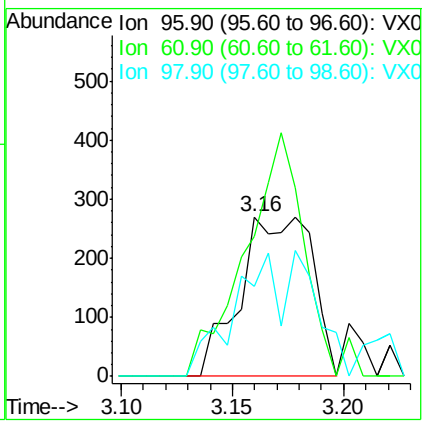


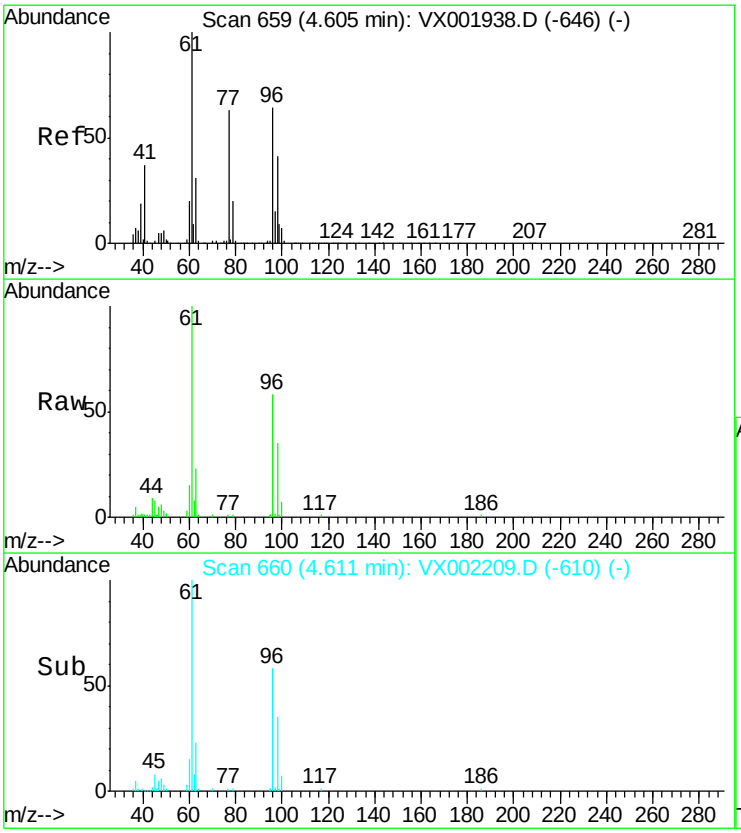
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 610

Ion	Ratio	Lower	Upper
96	100		
61	87.8	113.3	169.9#
98	56.3	51.7	77.5

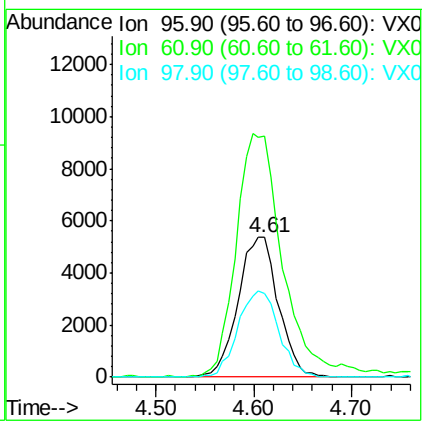


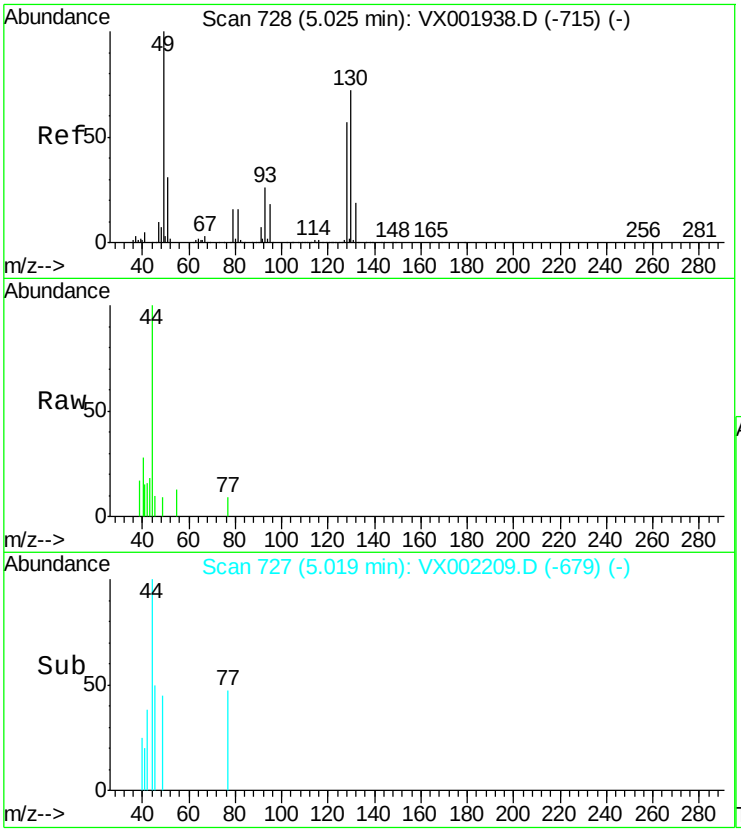


#27
cis-1,2-Dichloroethene
Concen: 4.053 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 96 Resp: 15351

Ion	Ratio	Lower	Upper
96	100		
61	203.3	0.0	348.4
98	62.5	0.0	128.6



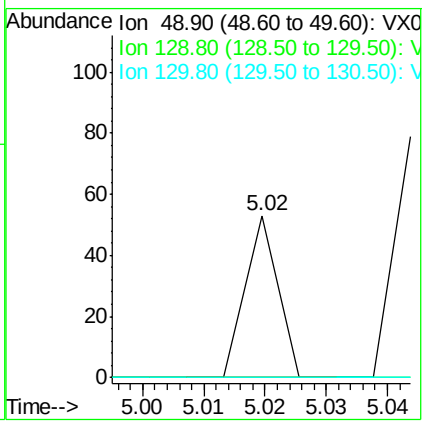


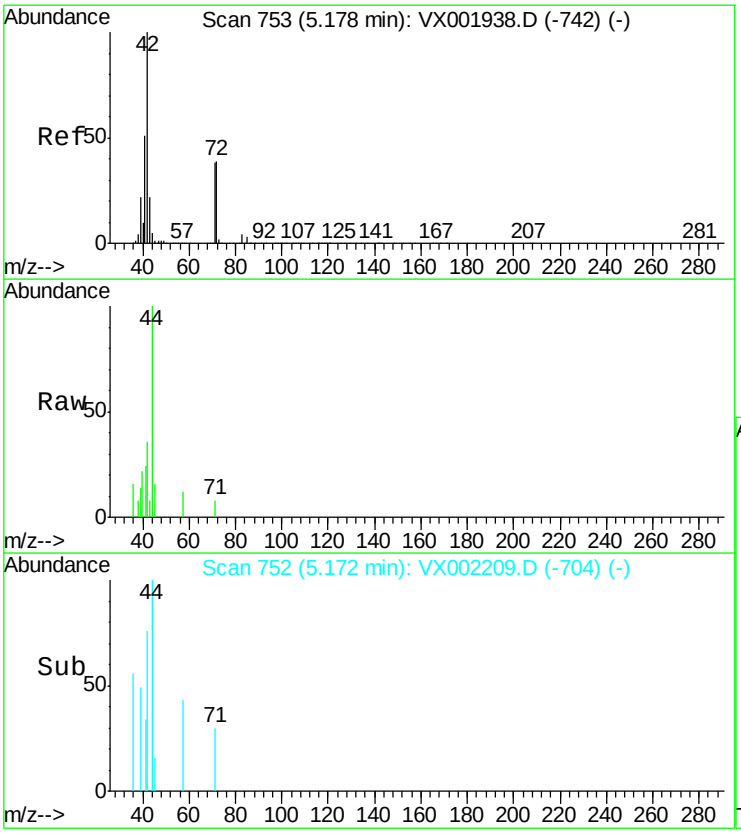
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 19

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

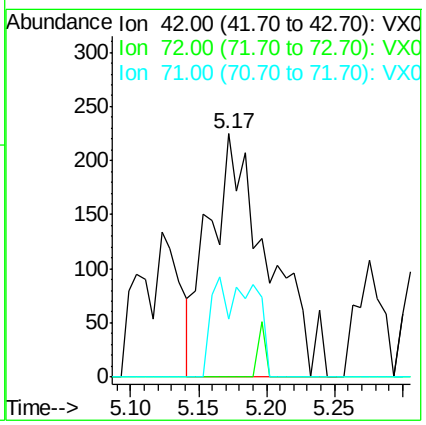


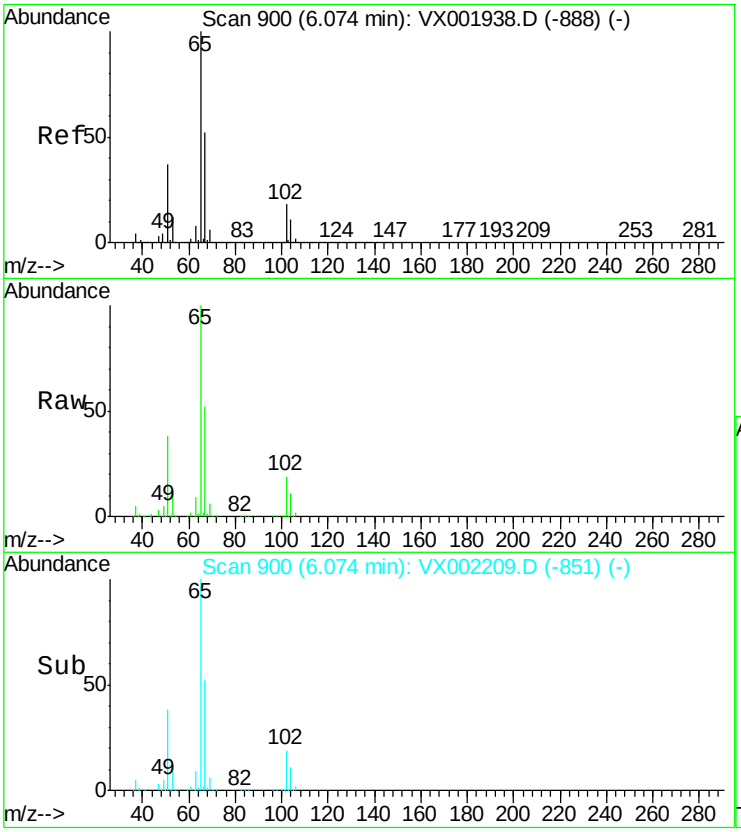


#29
Tetrahydrofuran
Concen: 0.330 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 42 Resp: 676

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	12.0	29.5	44.3#



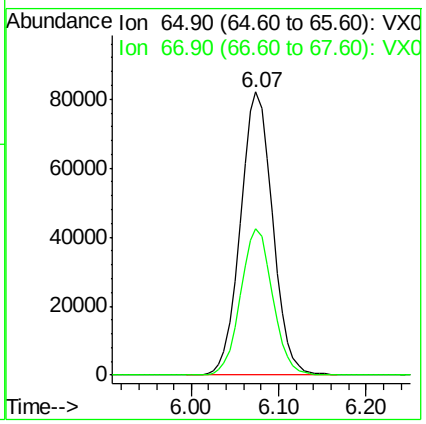


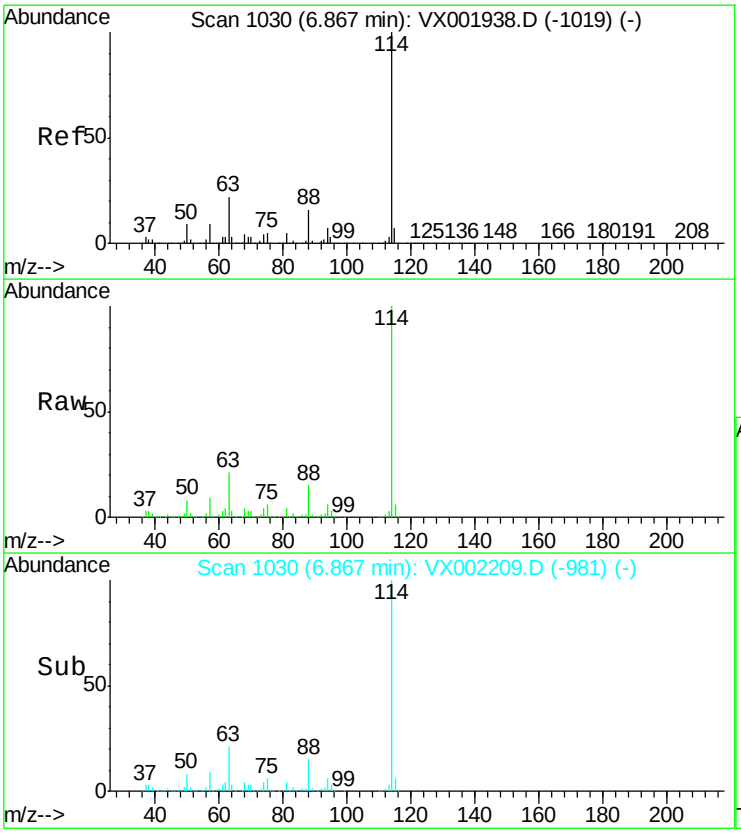
#33
1,2-Dichloroethane-d4
Concen: 47.181 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 210189

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.0

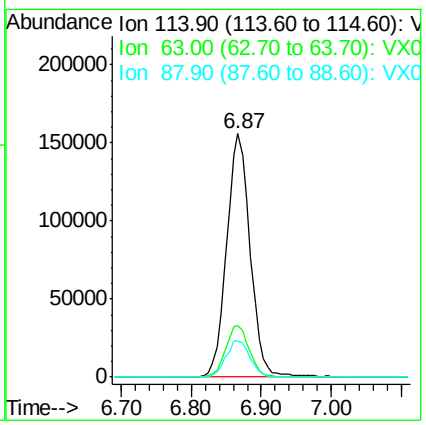


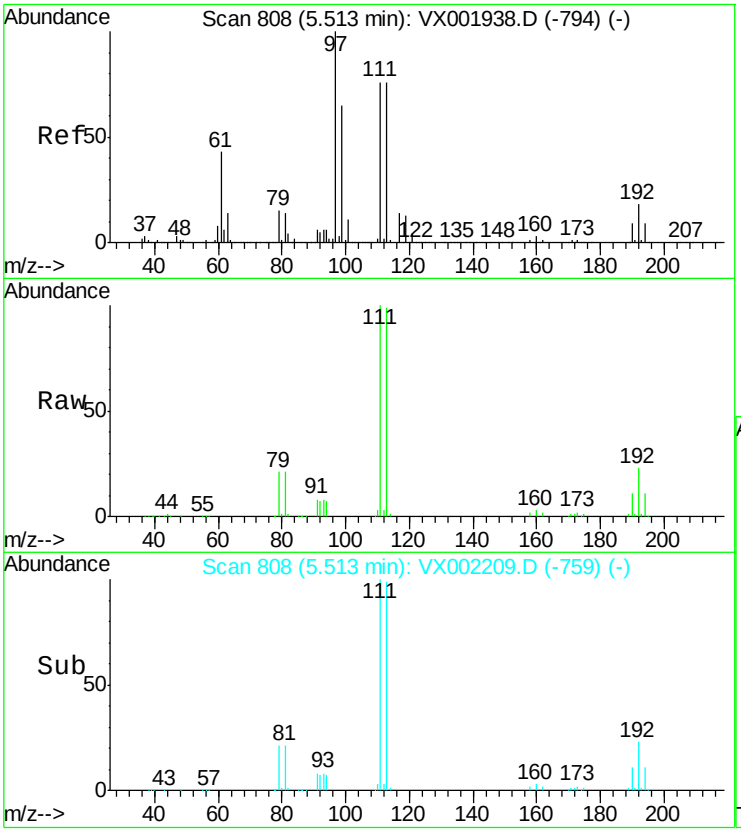


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion:114 Resp: 363276

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	14.9	0.0	31.6



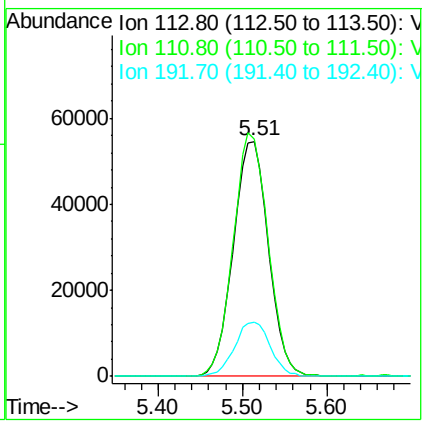


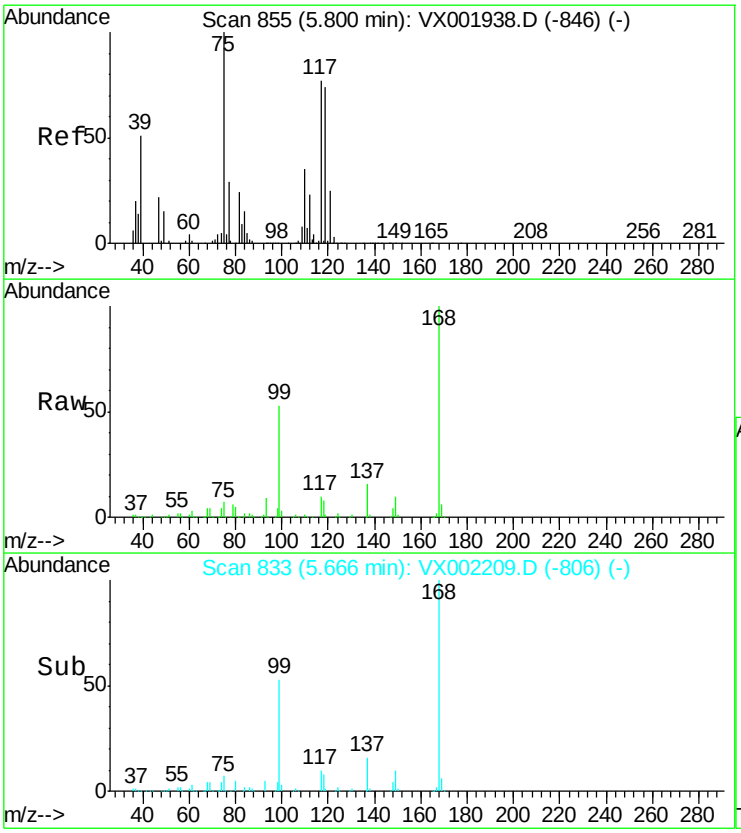
#35
Dibromofluoromethane
Concen: 42.579 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 154678

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.3	18.9	28.3

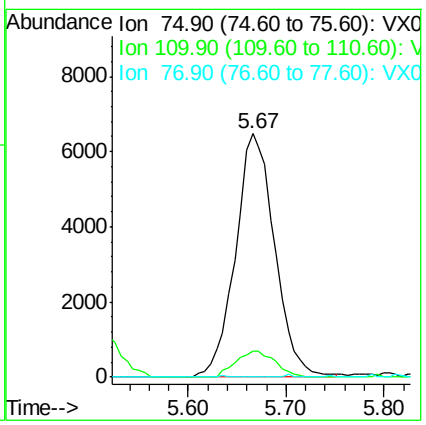


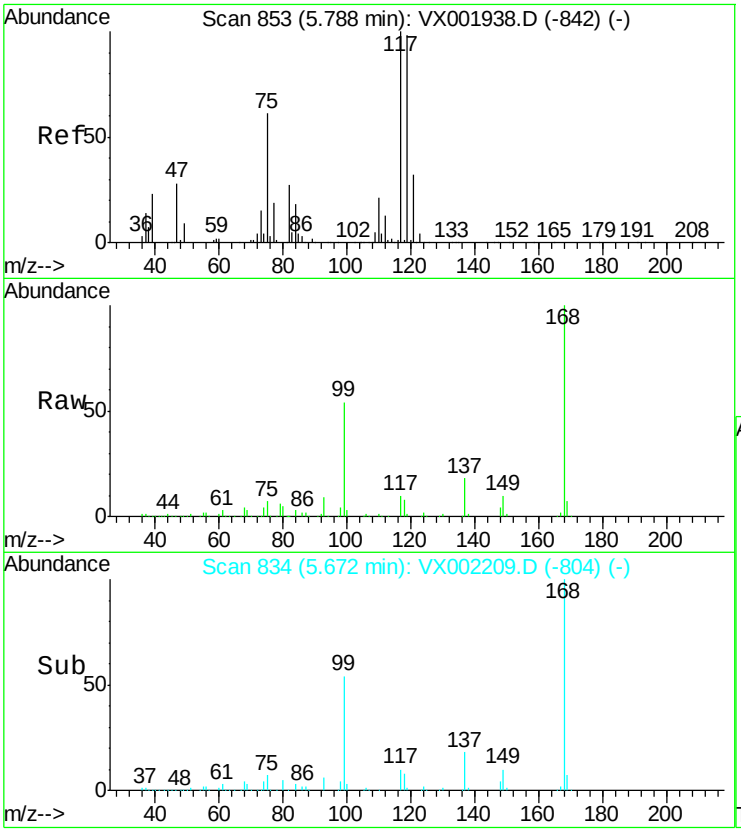


#36
1,1-Dichloropropene
Concen: 3.560 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 75 Resp: 17987

Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.4	52.2#
77	0.0	24.4	36.6#



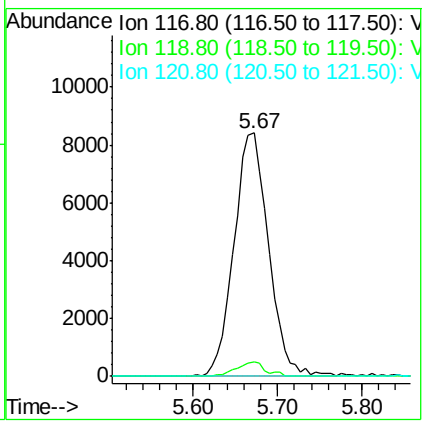


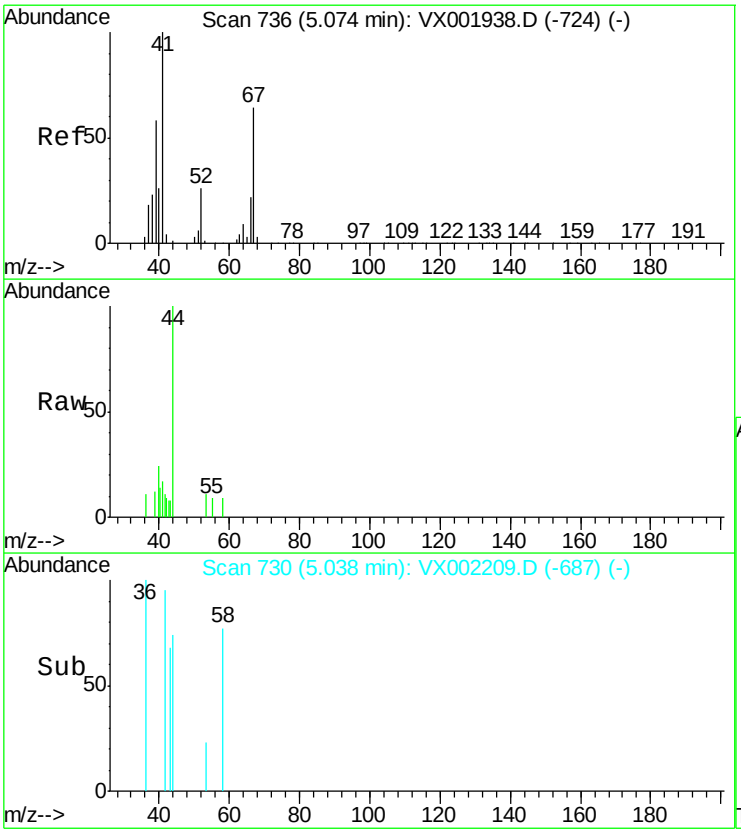
#38
Carbon Tetrachloride
Concen: 3.960 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 23335

Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.5	117.7#
121	0.0	25.5	38.3#

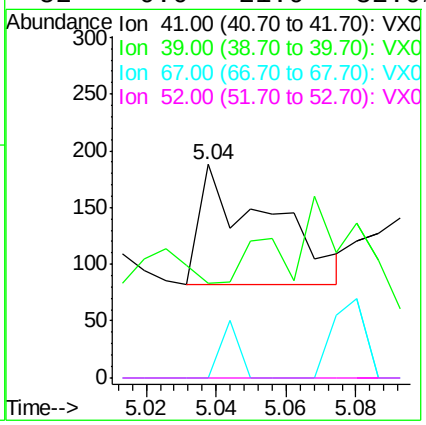


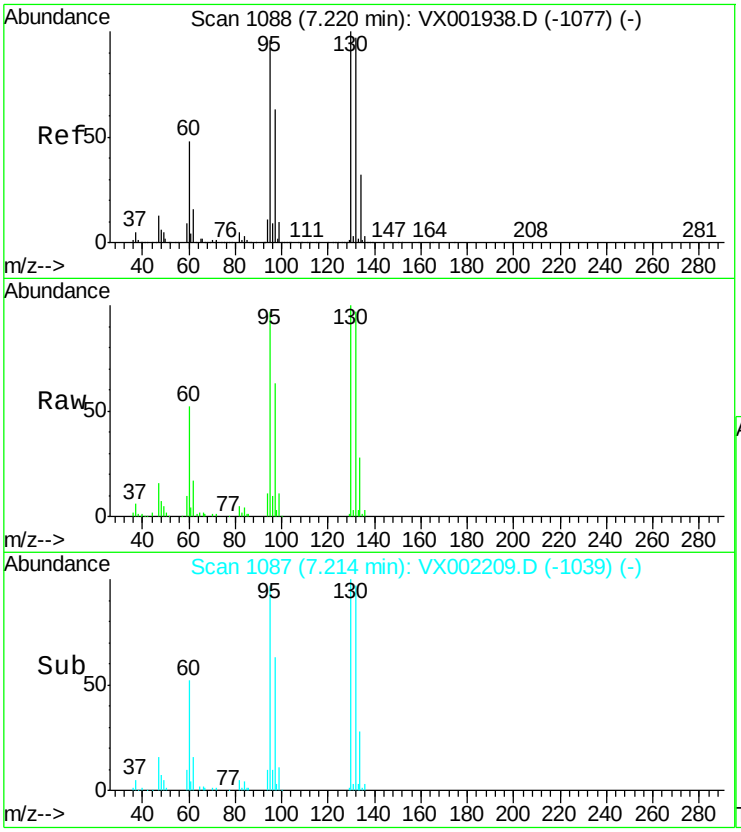


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. -0.04 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 41 Resp: 146

Ion	Ratio	Lower	Upper
41	100		
39	22.6	46.0	69.0#
67	12.3	50.6	75.8#
52	0.0	21.9	32.9#



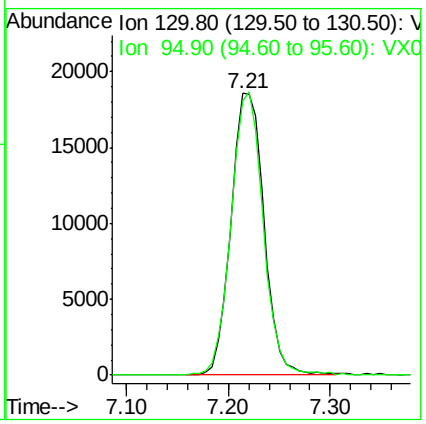


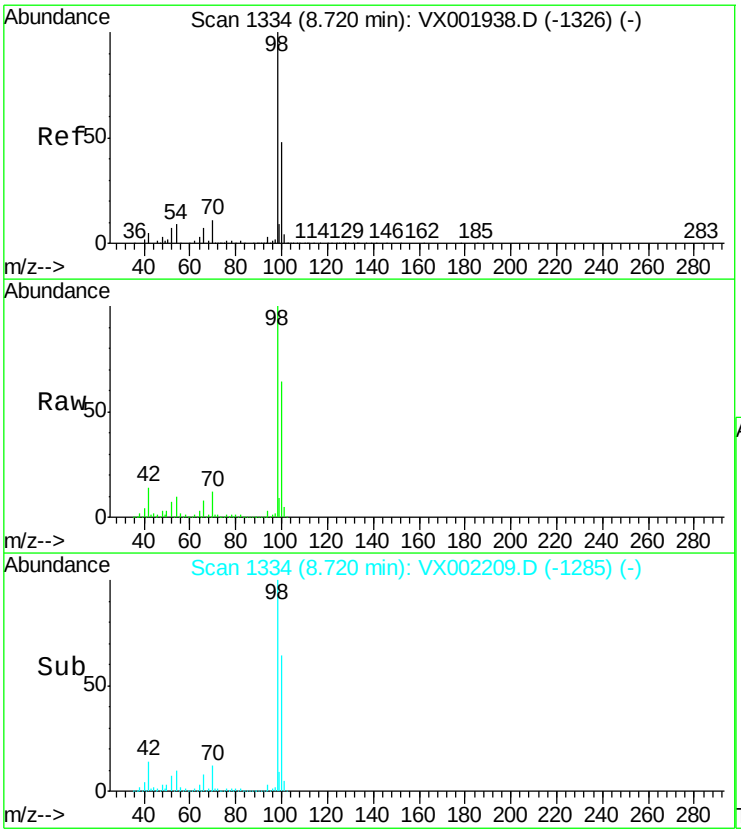
#44
Trichloroethene
Concen: 9.618 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 41490

Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	192.0

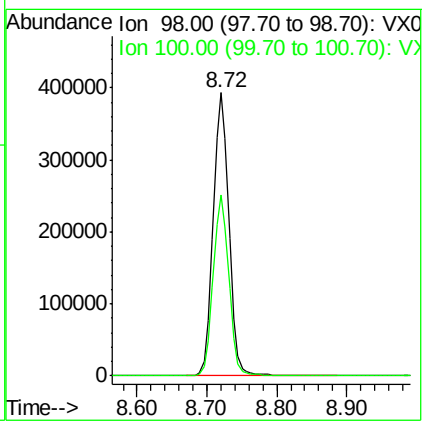


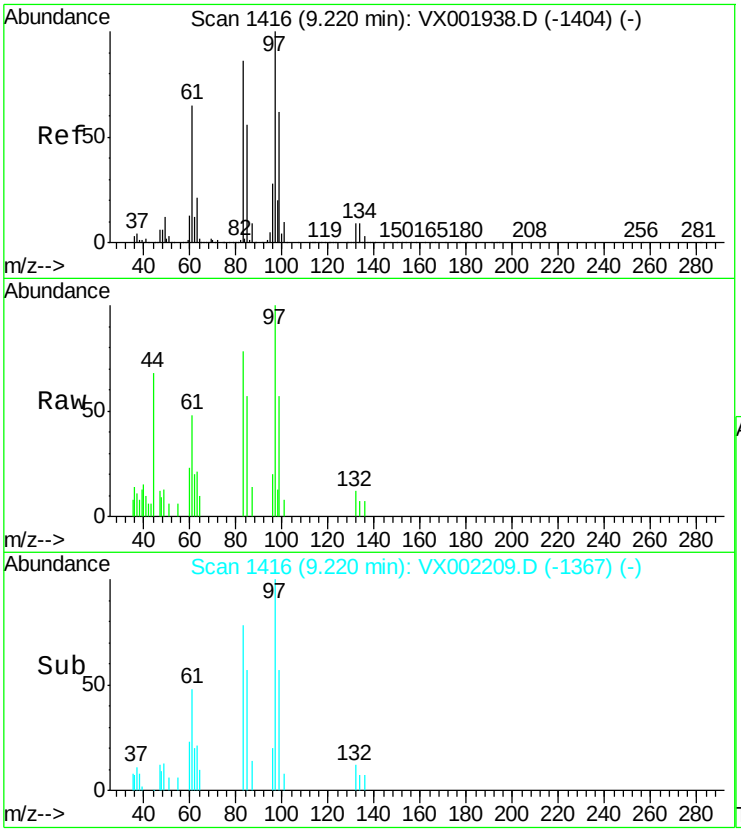


#50
Toluene-d8
Concen: 46.775 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 98 Resp: 615185

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3



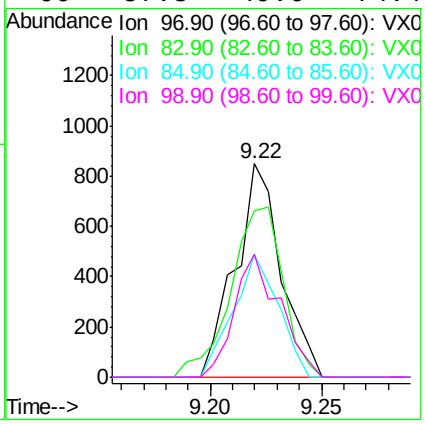


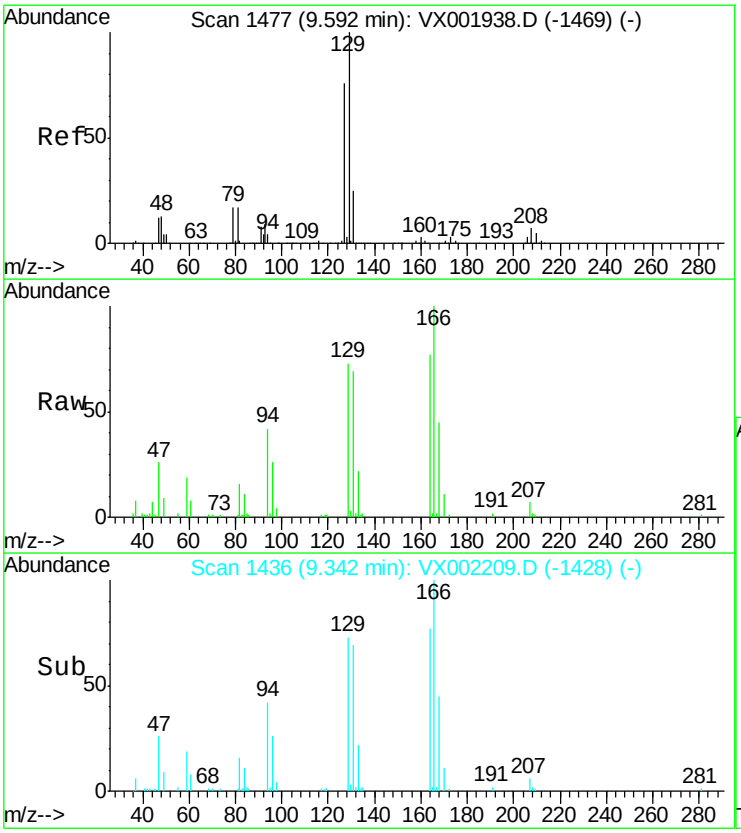
#55
1,1,2-Trichloroethane
Concen: 0.310 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 1220

Ion	Ratio	Lower	Upper
97	100		
83	78.0	69.1	103.7
85	57.3	45.2	67.8
99	57.3	49.6	74.4

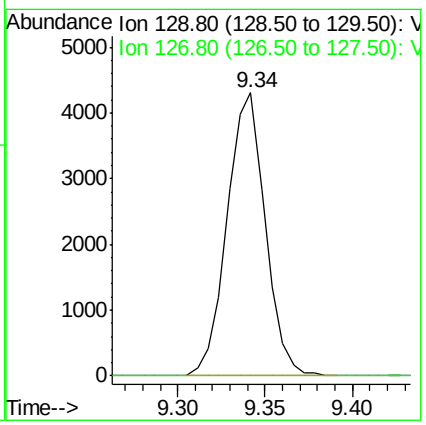


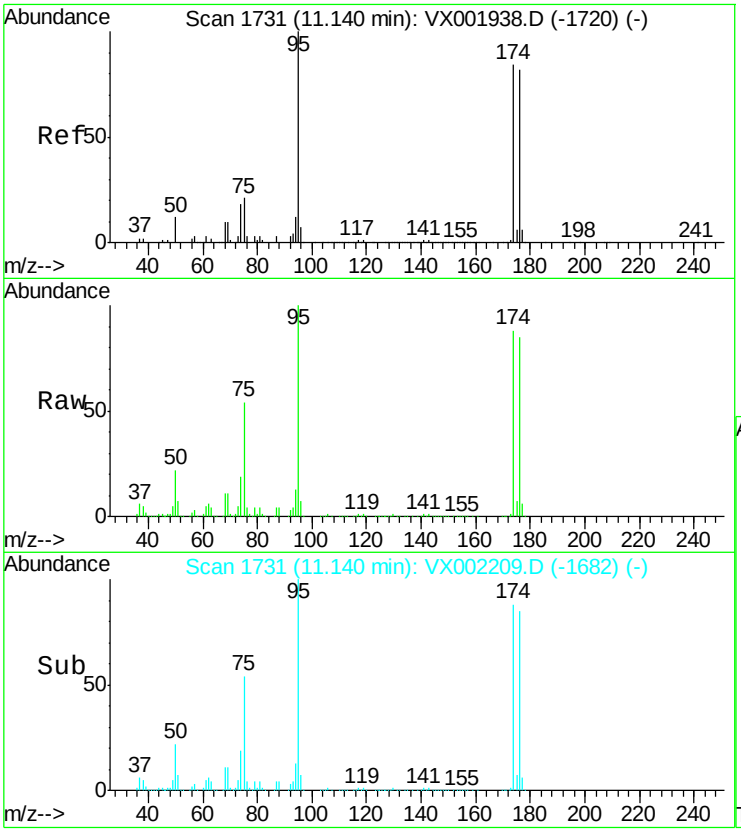


#60
Dibromochloromethane
Concen: 1.399 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion:129 Resp: 6520

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#



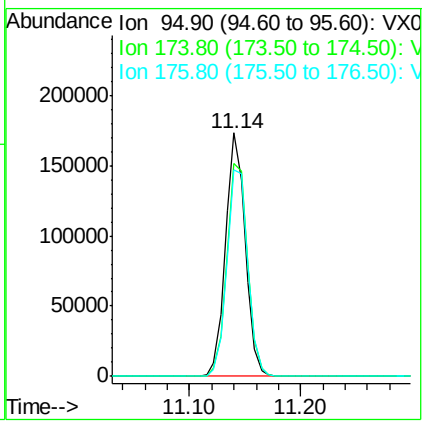


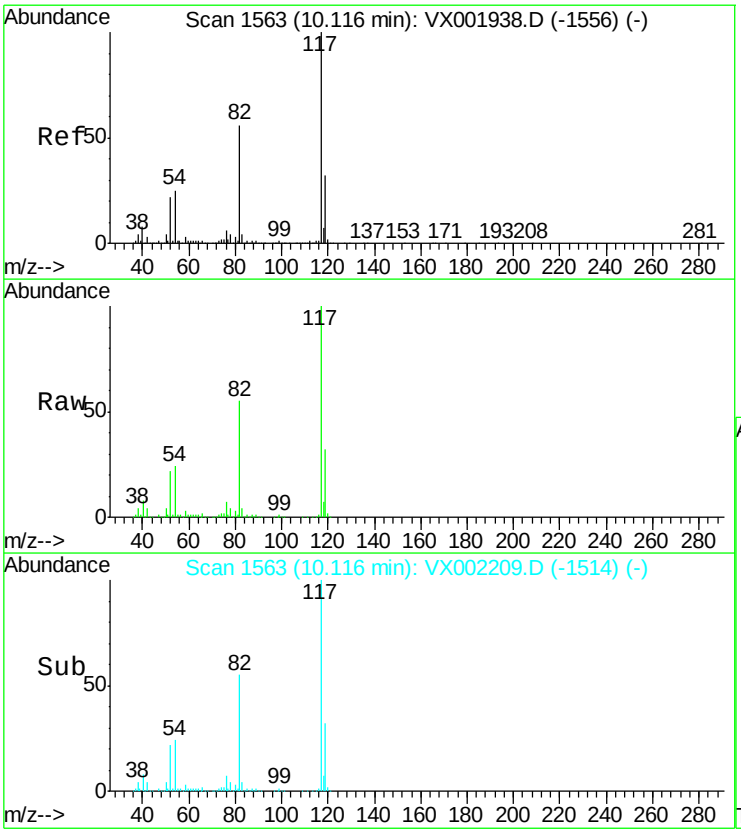
#62
4-Bromofluorobenzene
Concen: 41.257 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 212298

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	178.8
176	90.3	0.0	175.6

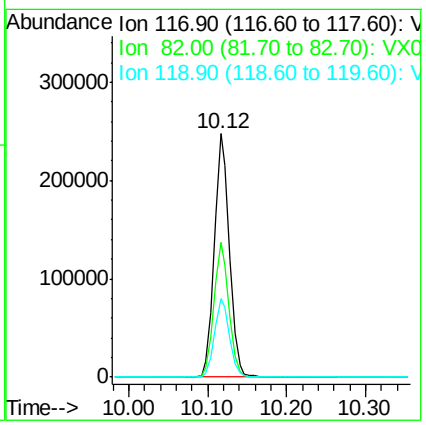


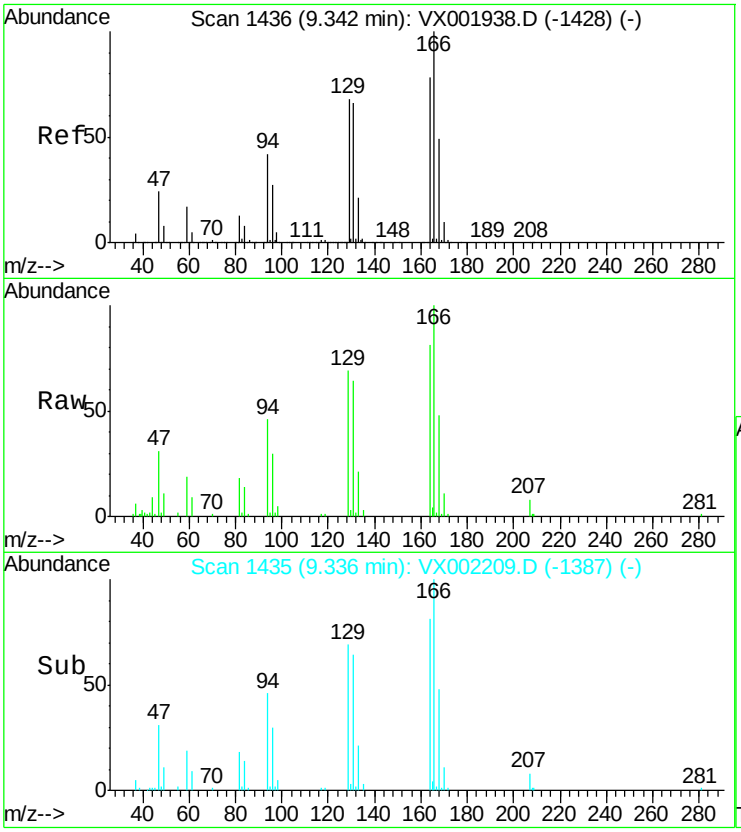


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion:117 Resp: 329229

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.8	67.2
119	32.3	25.5	38.3



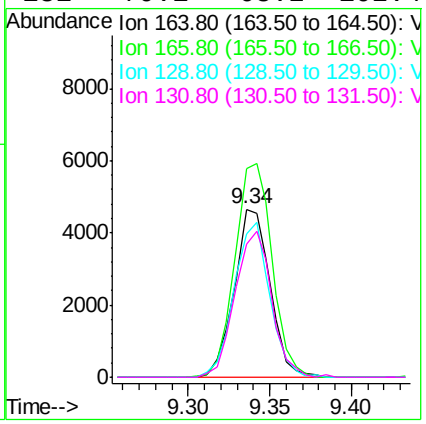


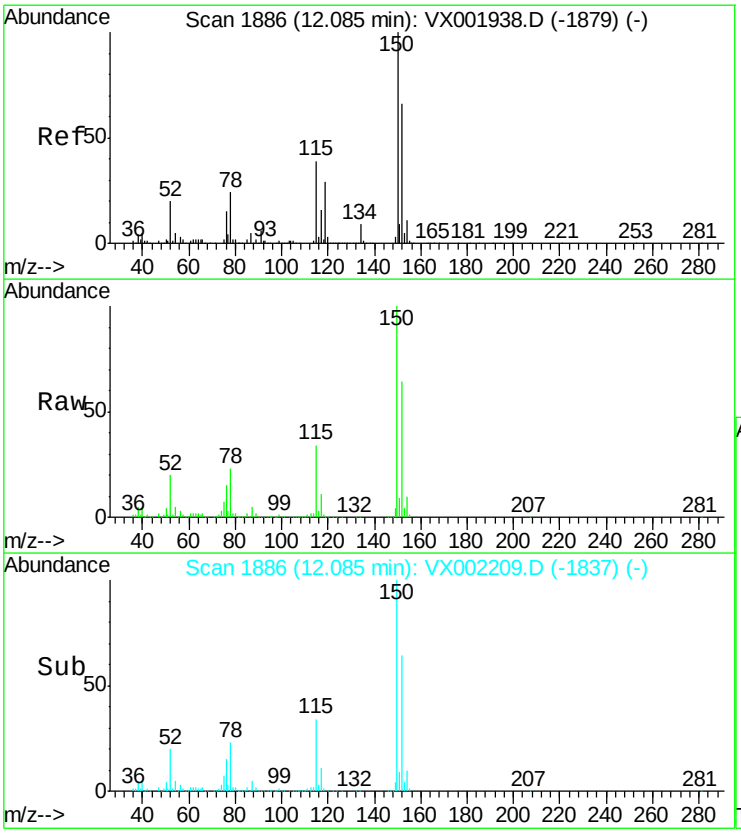
#64
Tetrachloroethene
Concen: 1.512 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 7139

Ion	Ratio	Lower	Upper
164	100		
166	124.0	102.7	154.1
129	85.2	70.3	105.5
131	79.1	68.2	102.4

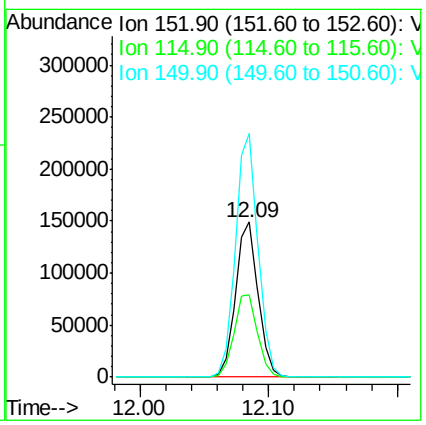


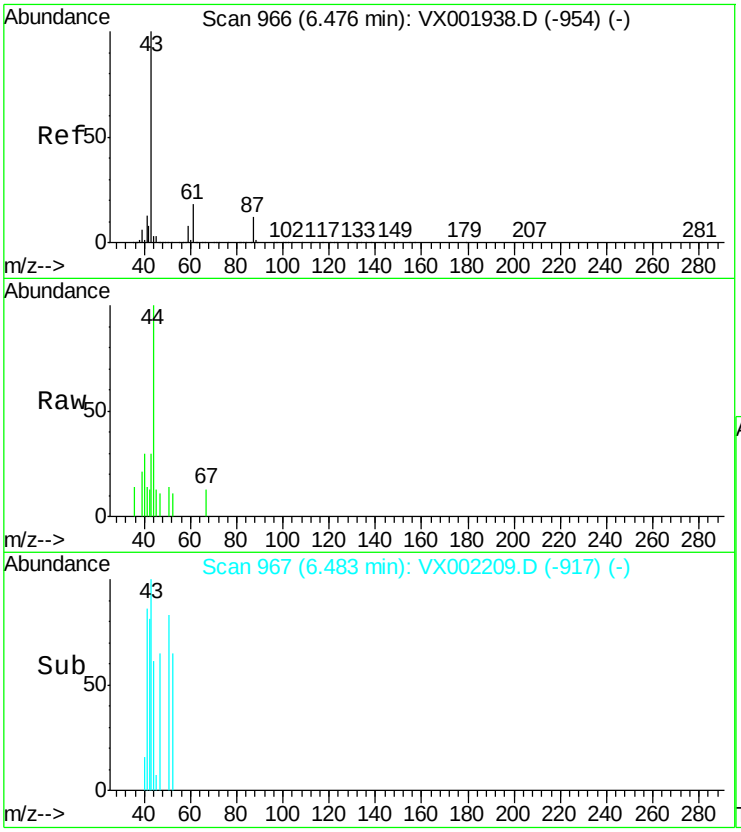


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion:152 Resp: 180743

Ion	Ratio	Lower	Upper
152	100		
115	55.4	42.3	126.8
150	157.3	0.0	351.0



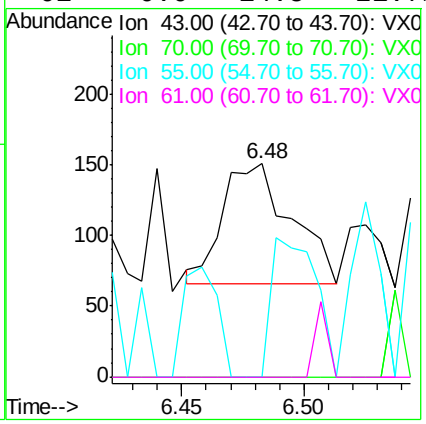


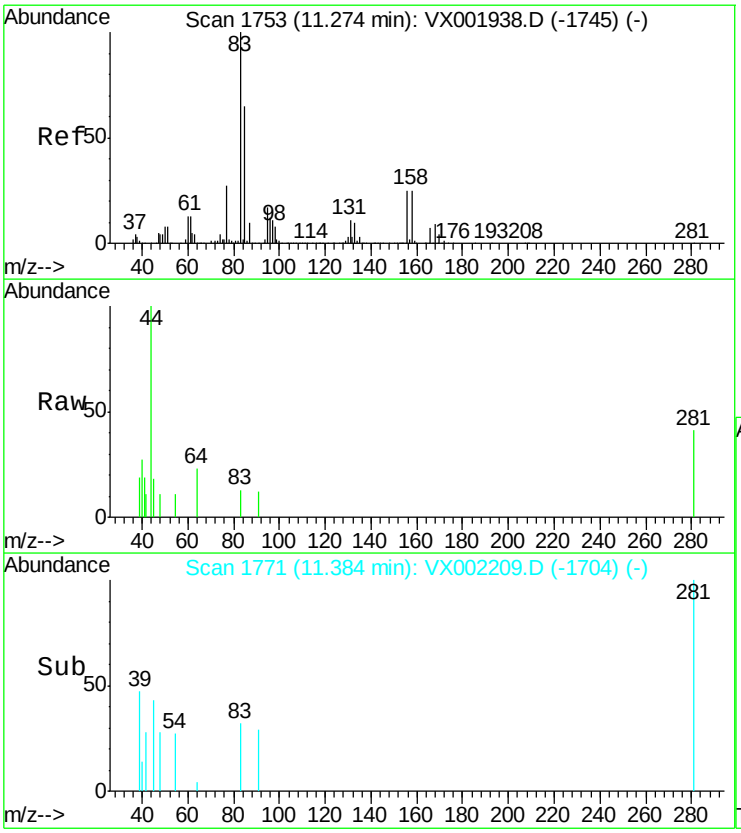
#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	74.7	0.1	0.1#
61	0.0	14.5	21.7#

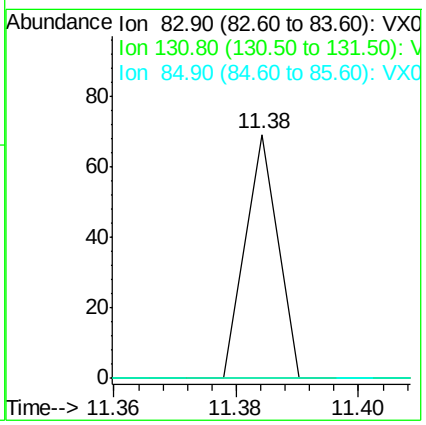


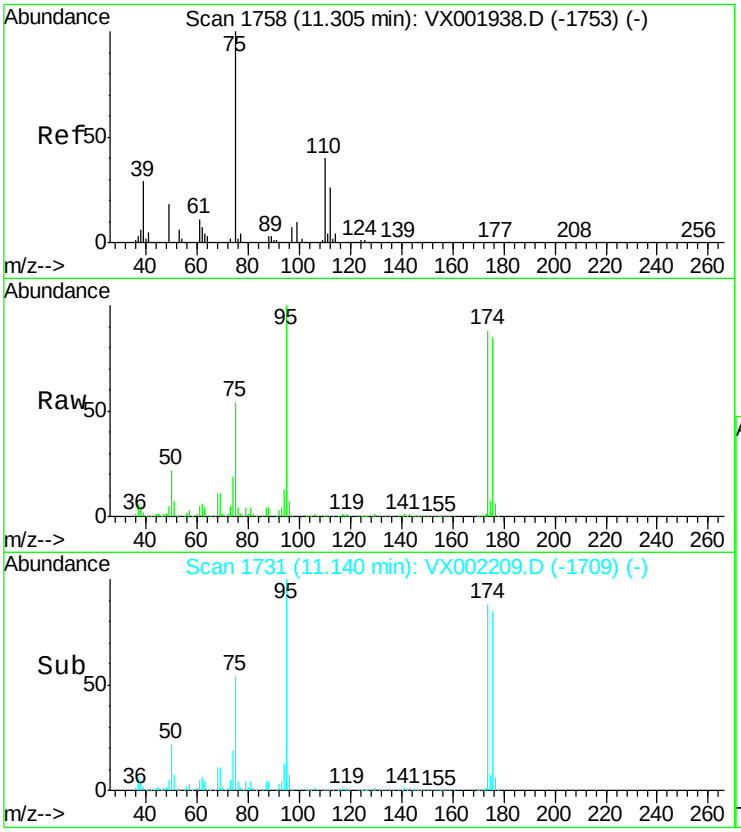


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.38 min Scan# 1771
Delta R.T. 0.11 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 83 Resp: 25

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



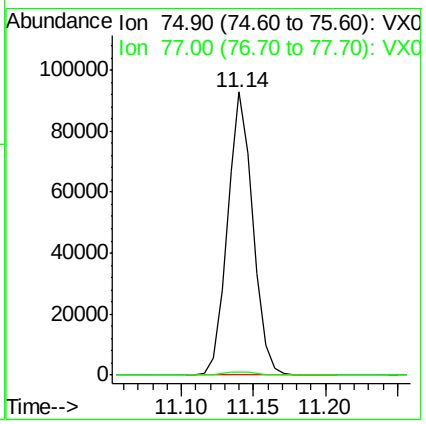


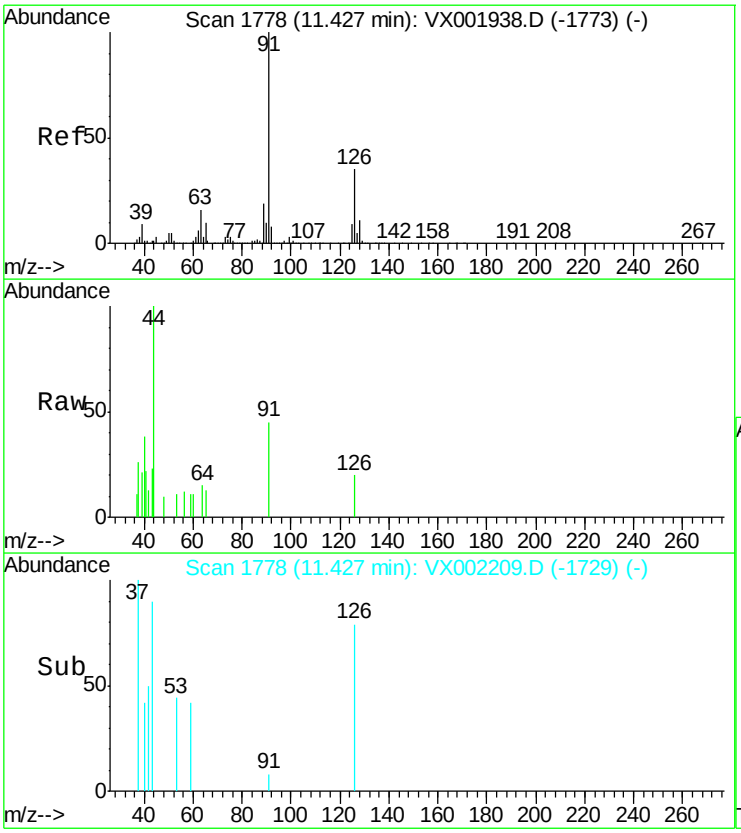
#76
1,2,3-Trichloropropane
Concen: 26.467 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114901

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#

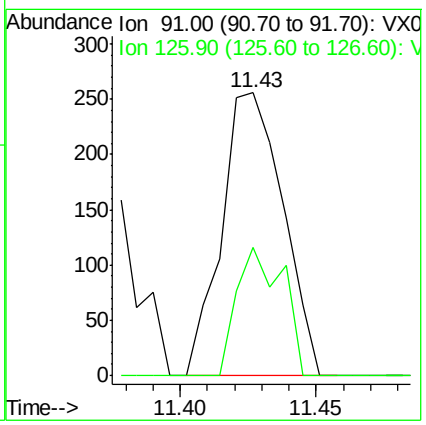


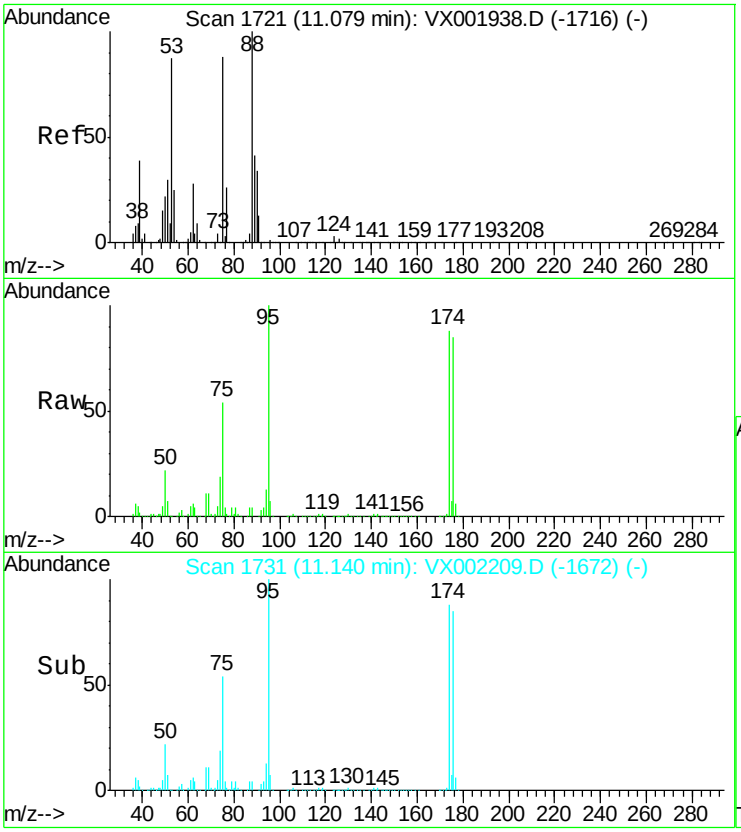


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Tgt Ion: 91 Resp: 401

Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 63.610 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002209.D
Acq: 01 Jun 2018 10:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114901

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.0	117.0#
89	0.0	39.4	59.2#