Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX002011.D
Acq On : 26 May 2018 07:14
Operator : JC/MD
Sample : J3065-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 27 23:19:07 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	277427	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	430742	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	392912	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210023	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	262654	52.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.94%				
35) Dibromofluoromethane	5.51	113	202533	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
50) Toluene-d8	8.72	98	731637	46.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.84%				
62) 4-Bromofluorobenzene	11.14	95	268596	44.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	118	Below Cal		#	41
3) Chloromethane	1.33	50	986	0.23	ug/l	#	81
5) Bromomethane	1.66	94	600	Below Cal			90
11) Tert butyl alcohol	3.09	59	722	0.74	ug/l	#	71
13) Acrolein	2.32	56	162	0.38	ug/l	#	48
16) Acetone	2.45	43	7967	4.16	ug/l		91
18) Methyl Acetate	2.78	43	863	Below Cal		#	74
19) Methyl tert-butyl Ether	3.21	73	18143	1.49	ug/l		96
20) Methylene Chloride	2.86	84	705	Below Cal		#	93
21) trans-1,2-Dichloroethene	3.15	96	196	Below Cal		#	15
28) Bromochloromethane	4.84	49	23	Below Cal		#	14
31) Cyclohexane	5.67	56	5588	0.82	ug/l	#	12
36) 1,1-Dichloropropene	5.67	75	19958	3.33	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	24938	3.57	ug/l	#	14
41) Methacrylonitrile	5.06	41	214	Below Cal		#	71
74) N-amyl acetate	6.48	43	189	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.29	83	265	Below Cal		#	64
76) 1,2,3-Trichloropropane	11.14	75	139112	27.58	ug/l	#	33
79) 2-Chlorotoluene	11.52	91	199	Below Cal			88
81) trans-1,4-Dichloro-2-buten	11.14	75	139112	66.28	ug/l	#	10

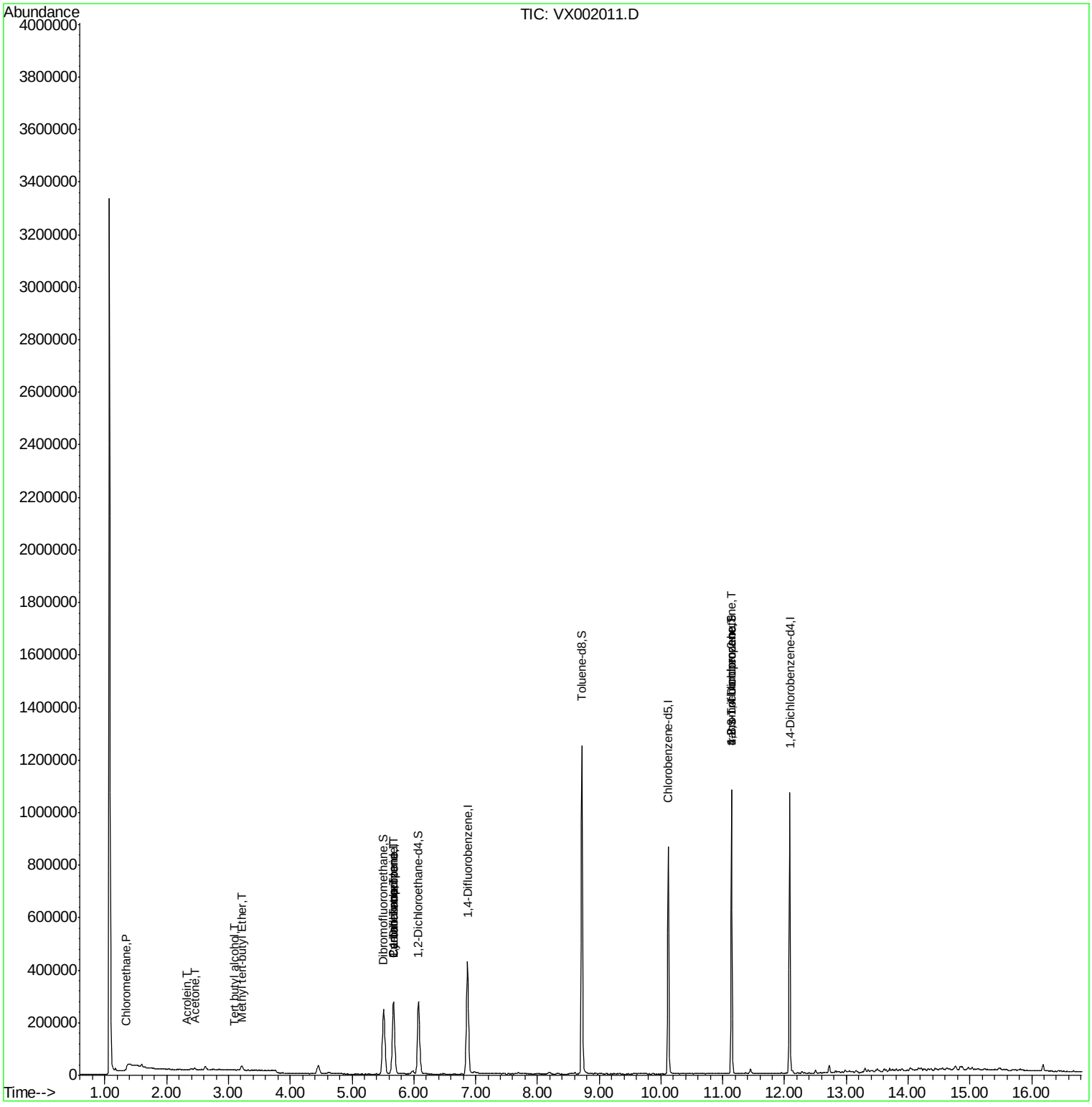
(#) = qualifier out of range (m) = manual integration (+) = signals summed

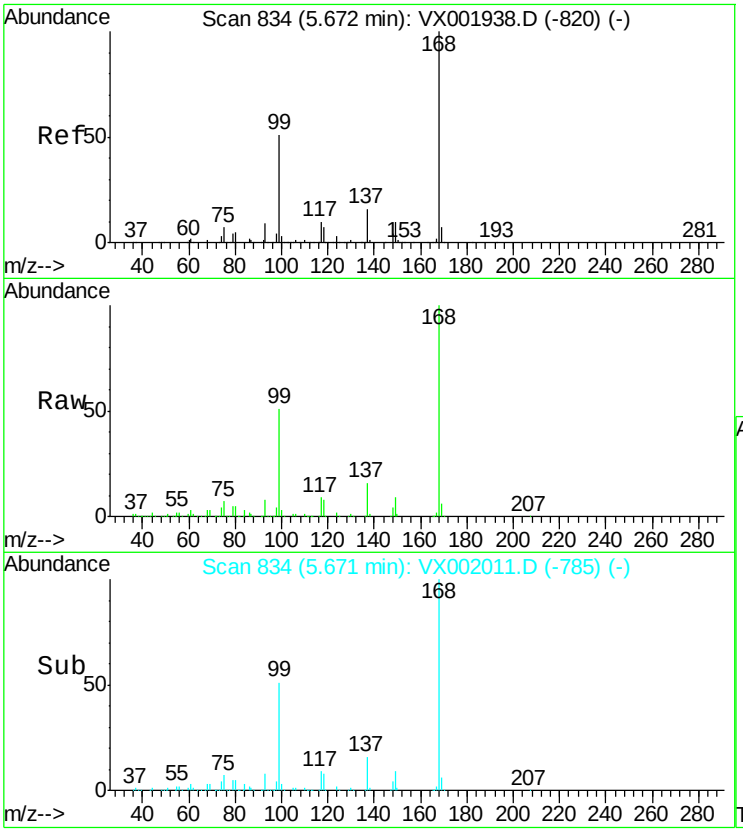
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Data File : VX002011.D
Acq On : 26 May 2018 07:14
Operator : JC/MD
Sample : J3065-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 23:19:07 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



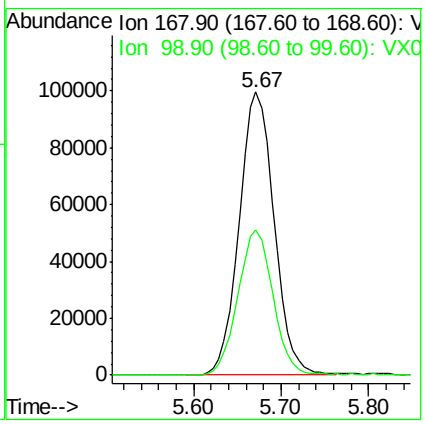


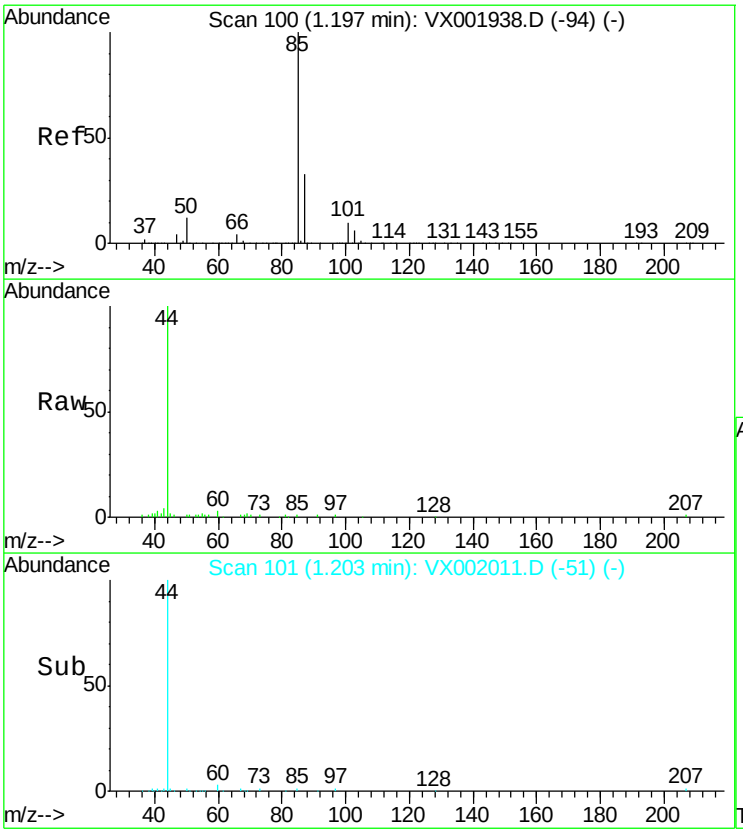
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 277427

Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.0	61.4

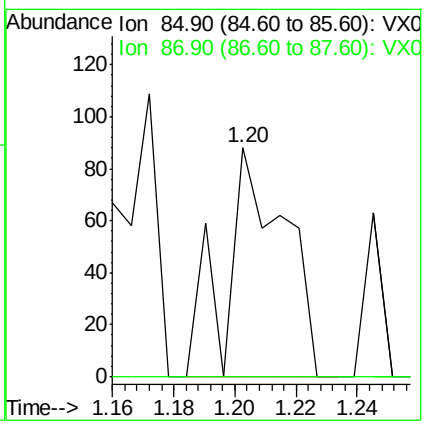


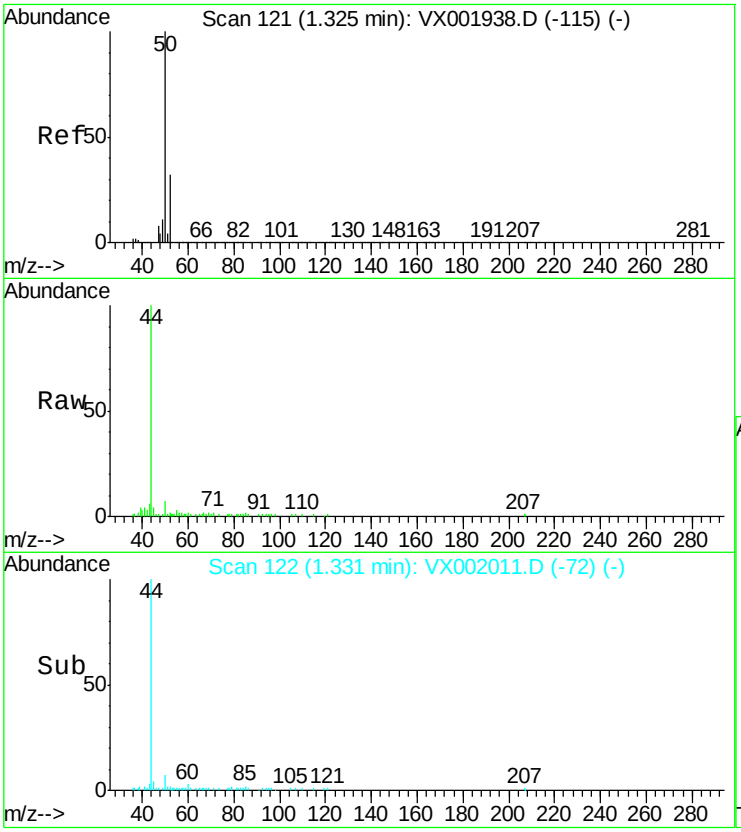


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 85 Resp: 118

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



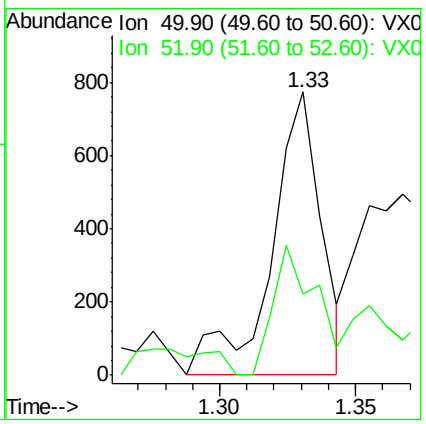


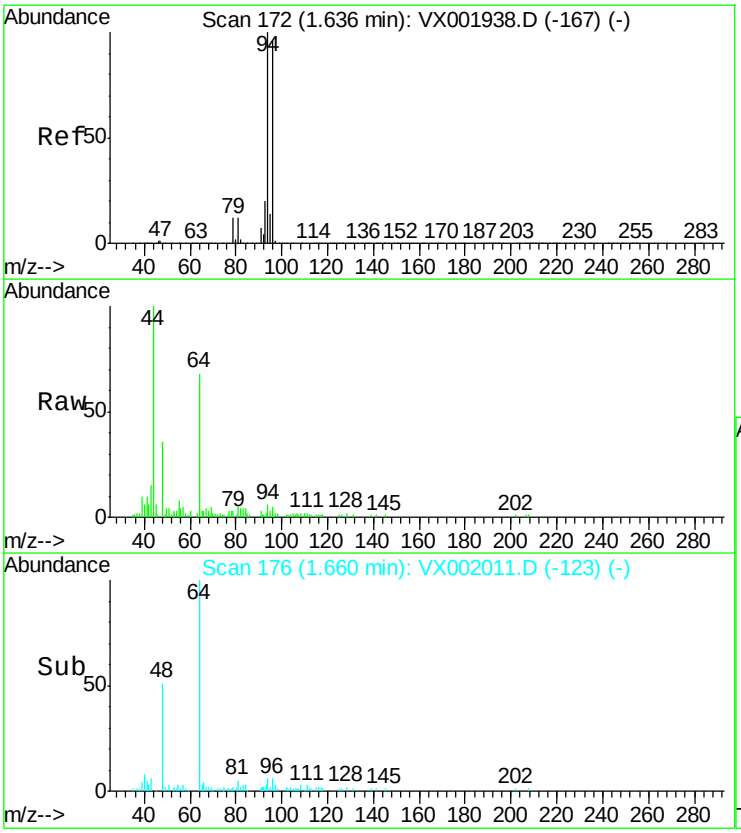
#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 986

Ion	Ratio	Lower	Upper
50	100		
52	22.0	26.0	39.0#

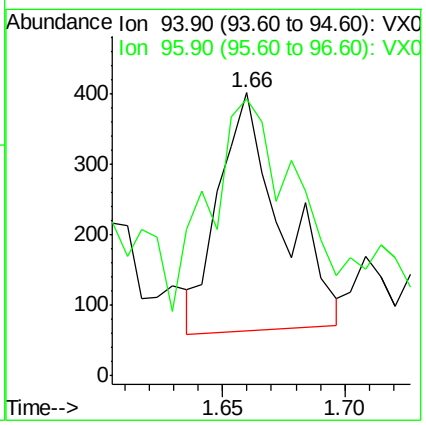


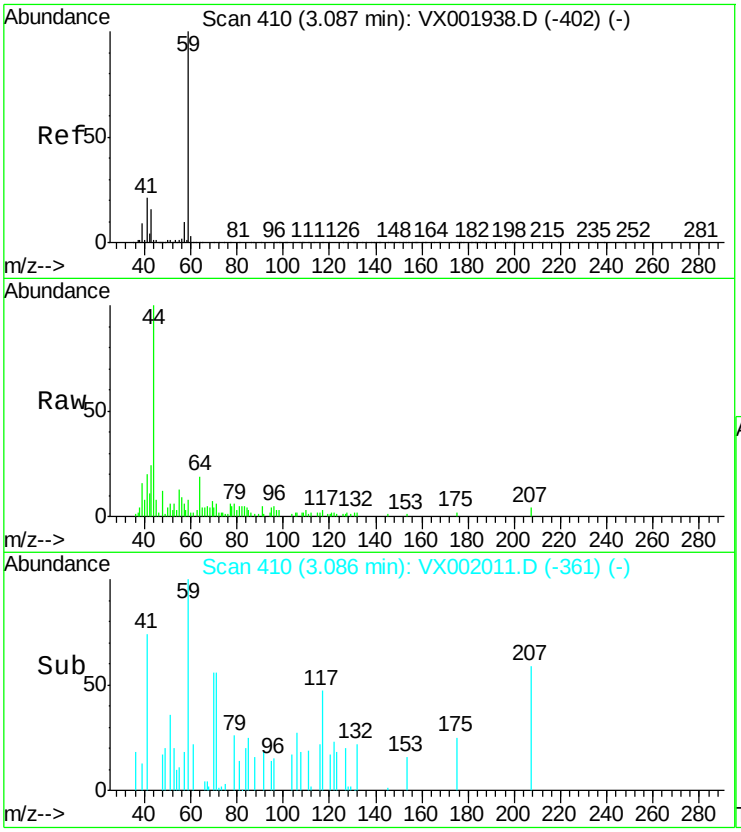


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 94 Resp: 600

Ion	Ratio	Lower	Upper
94	100		
96	85.6	75.9	113.9



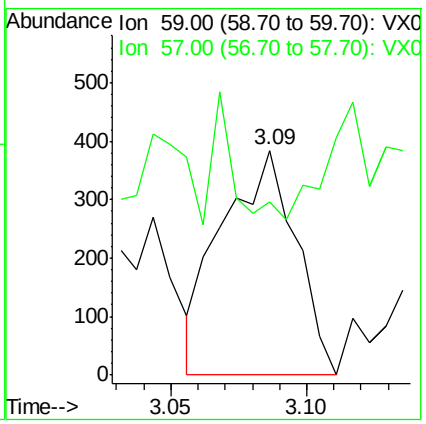


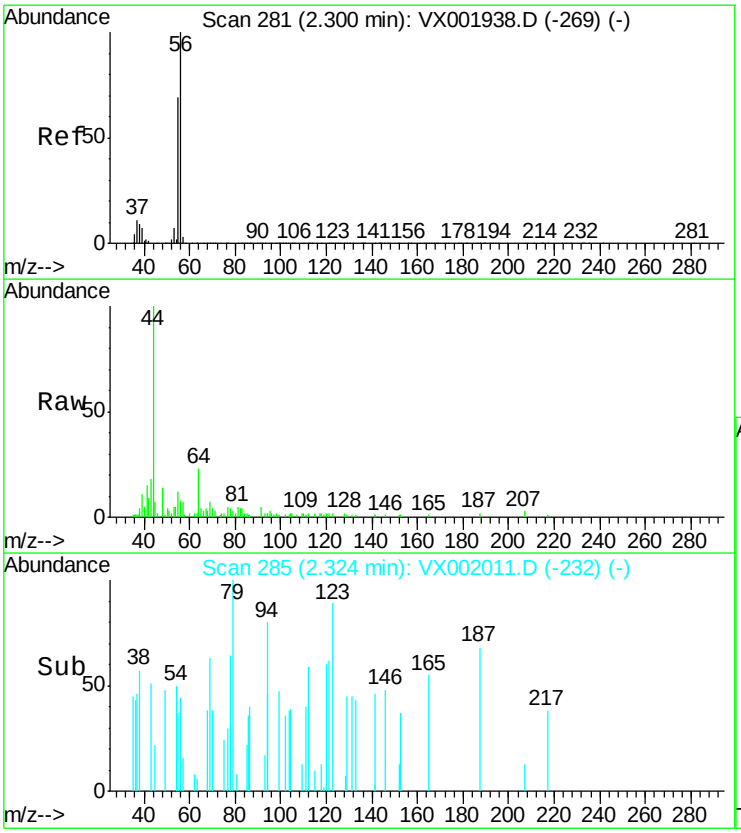
#11
Tert butyl alcohol
Concen: 0.74 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 722

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#

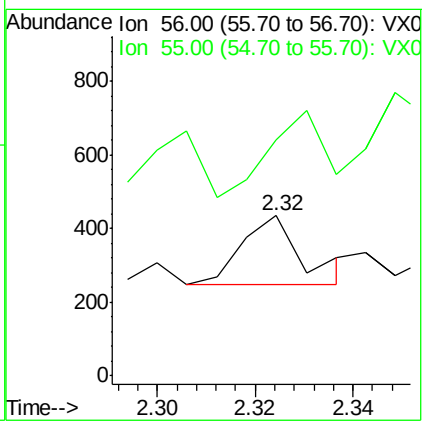


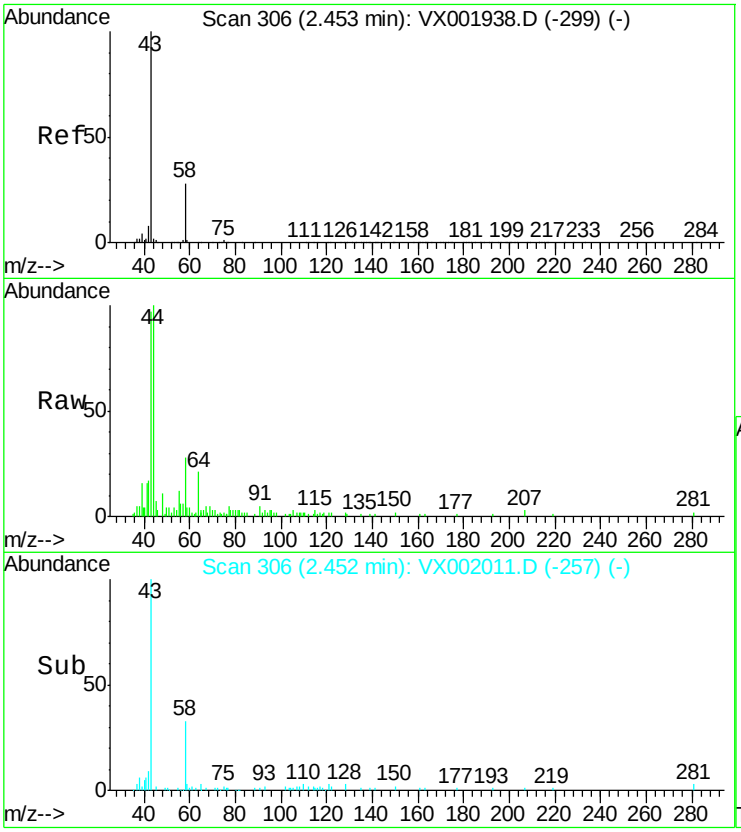


#13
Acrolein
Concen: 0.38 ug/l
RT: 2.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	114.2	56.8	85.2#



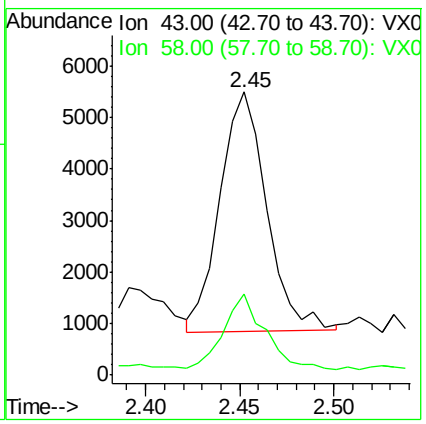


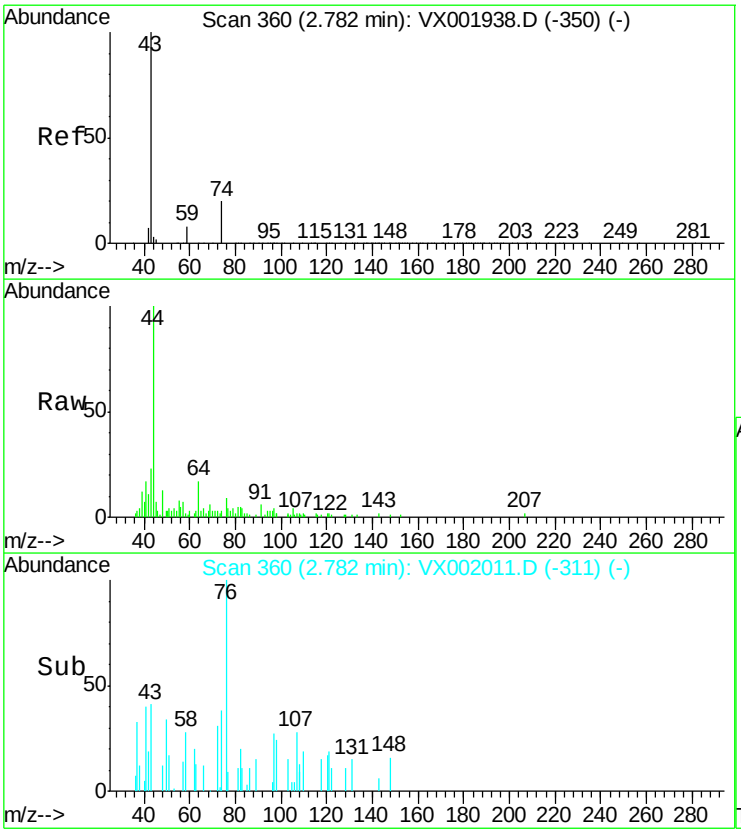
#16
Acetone
Concen: 4.16 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7967

Ion	Ratio	Lower	Upper
43	100		
58	32.5	22.3	33.5

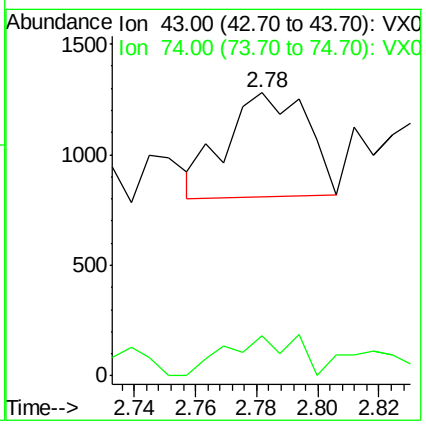


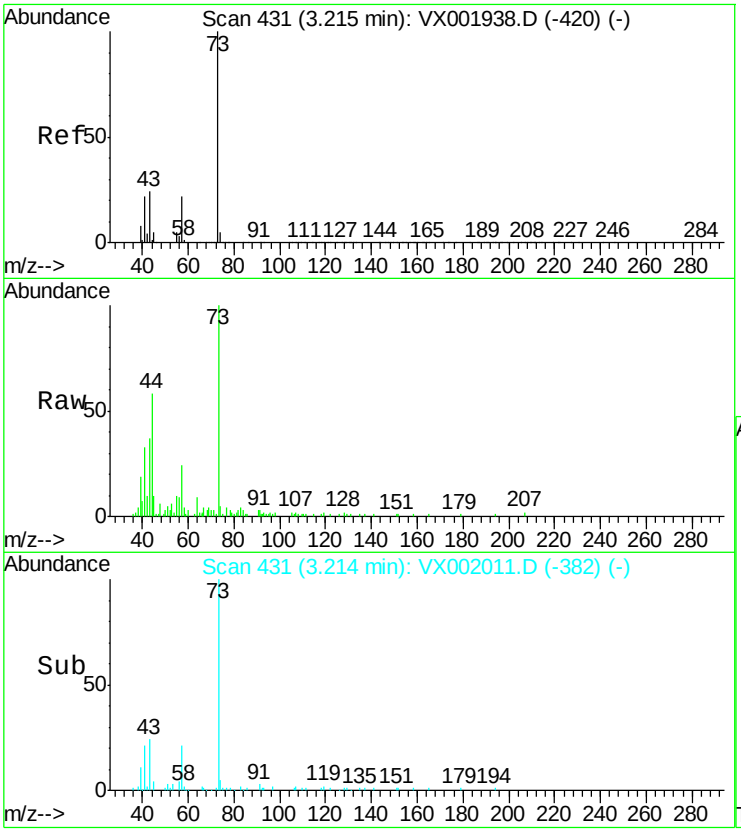


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 43 Resp: 863

Ion	Ratio	Lower	Upper
43	100		
74	33.3	16.8	25.2#



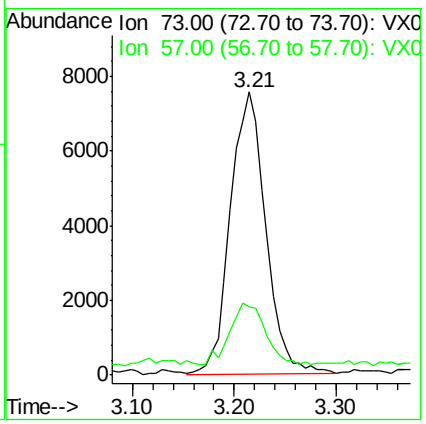


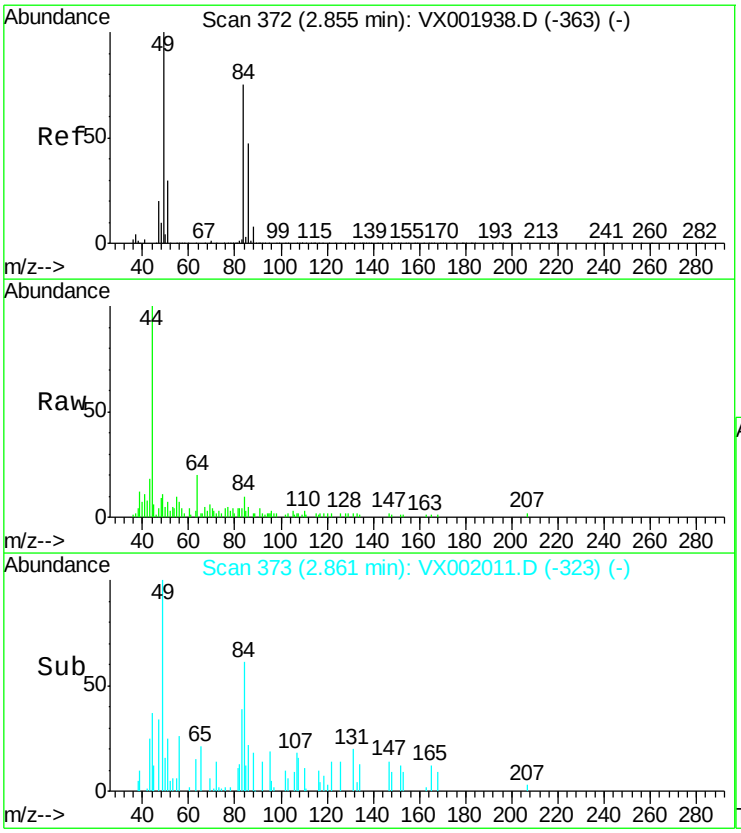
#19
Methyl tert-butyl Ether
Concen: 1.49 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 18143

Ion	Ratio	Lower	Upper
73	100		
57	19.9	17.4	26.0

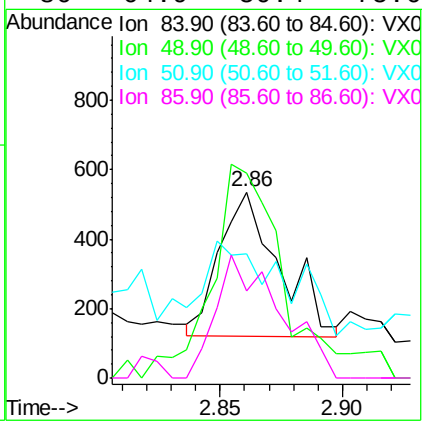


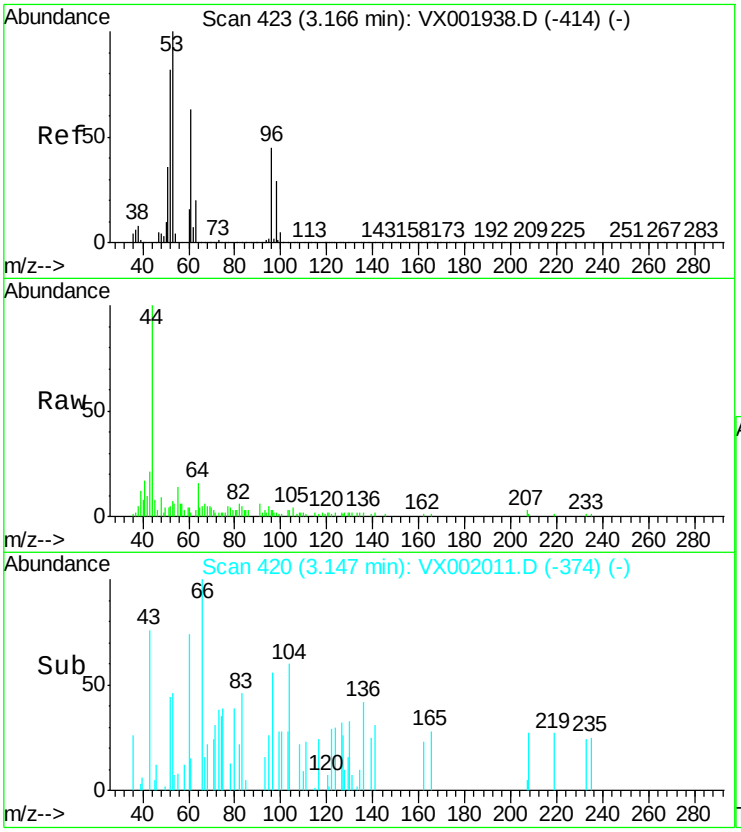


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 84 Resp: 705

Ion	Ratio	Lower	Upper
84	100		
49	134.9	107.2	160.8
51	61.5	32.4	48.6#
86	64.9	50.4	75.6



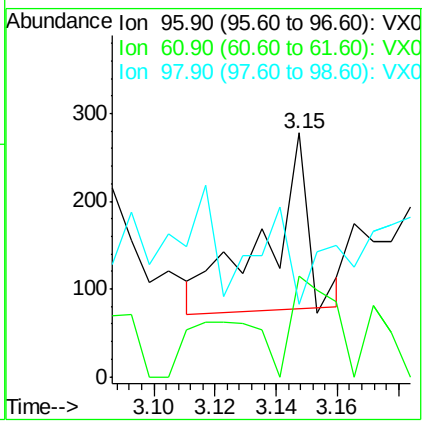


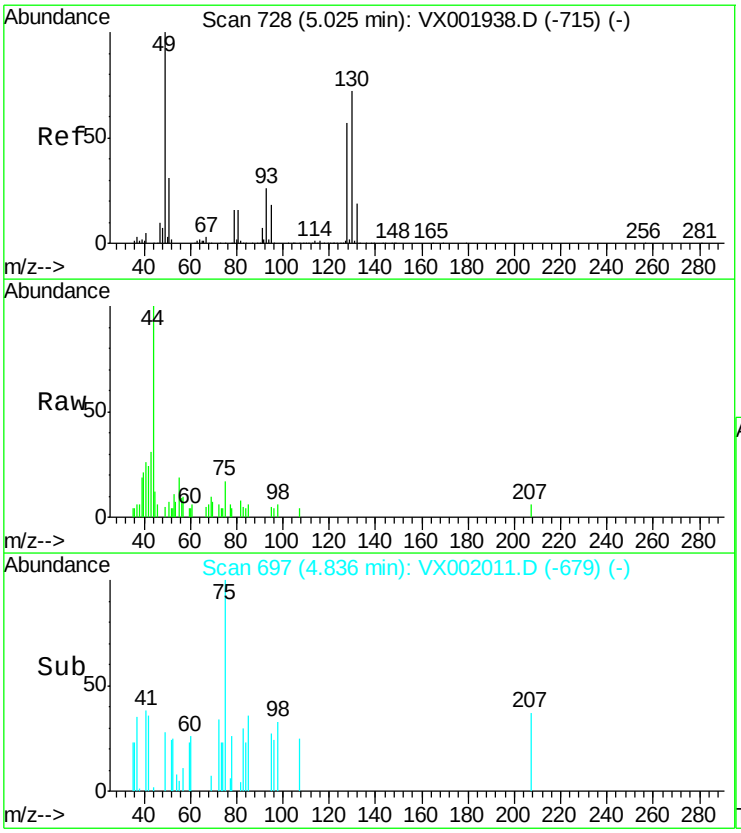
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.02 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 196

Ion	Ratio	Lower	Upper
96	100		
61	36.1	113.3	169.9#
98	0.0	51.7	77.5#

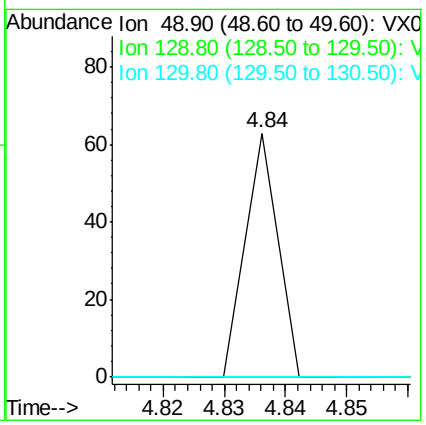


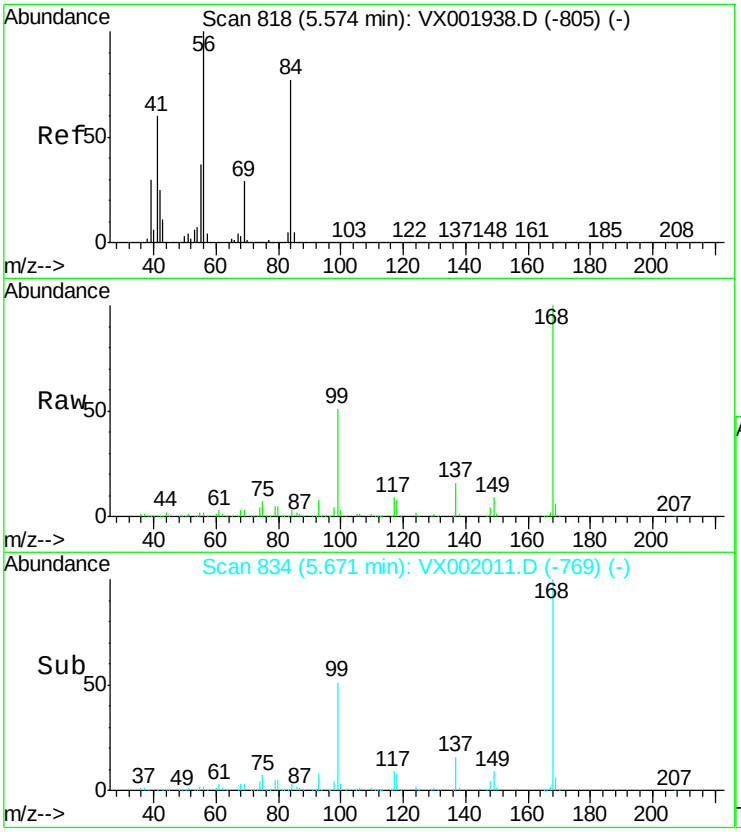


#28
Bromochloromethane
Concen: Below Cal
RT: 4.84 min Scan# 697
Delta R.T. -0.19 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

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#



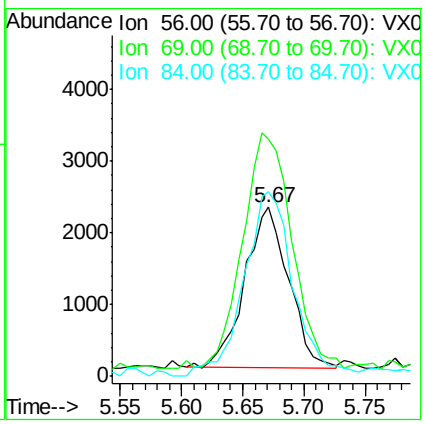


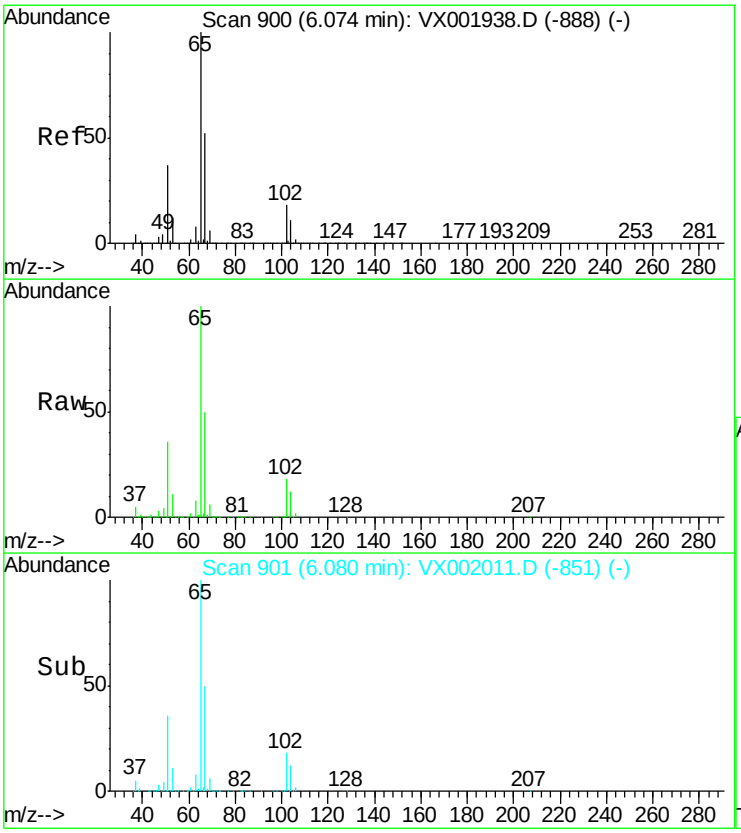
#31
Cyclohexane
Concen: 0.82 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5588

Ion	Ratio	Lower	Upper
56	100		
69	138.3	23.1	34.7#
84	115.8	62.0	93.0#

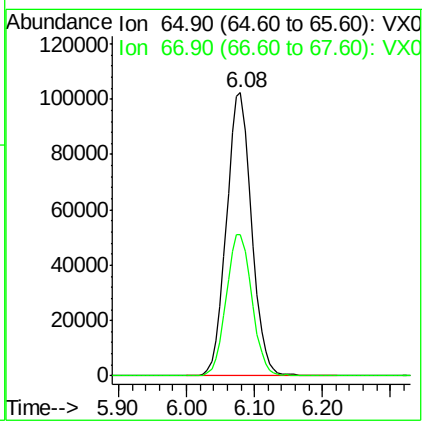


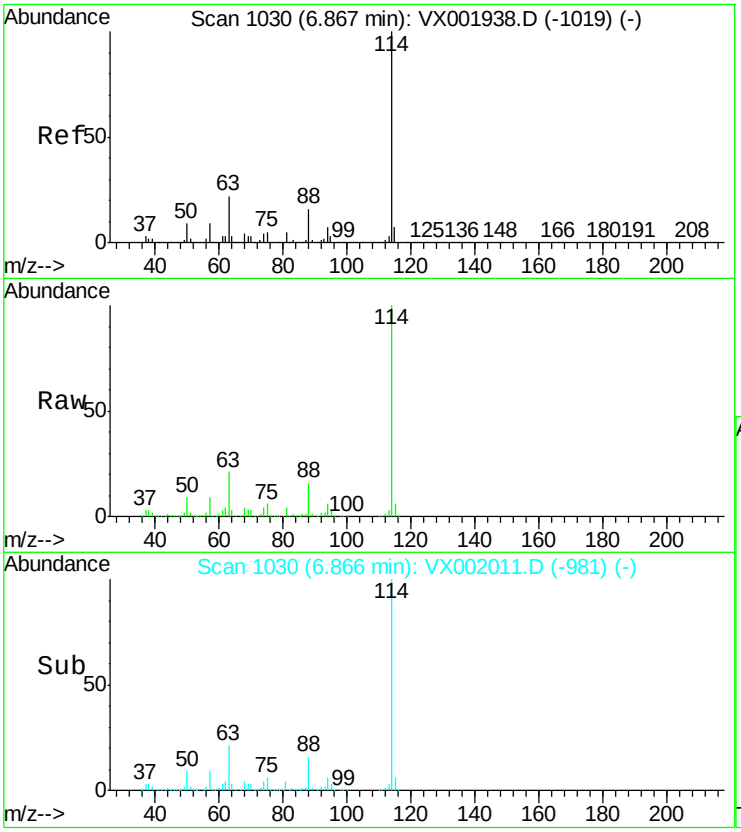


#33
1,2-Dichloroethane-d4
Concen: 52.97 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 65 Resp: 262654

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0



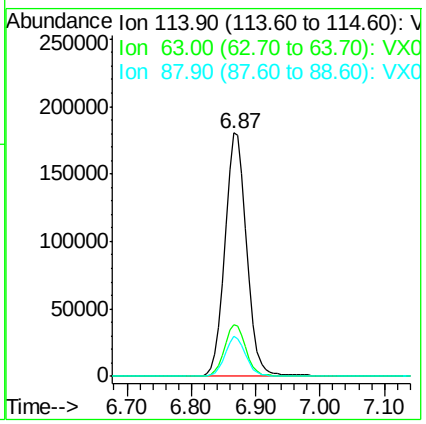


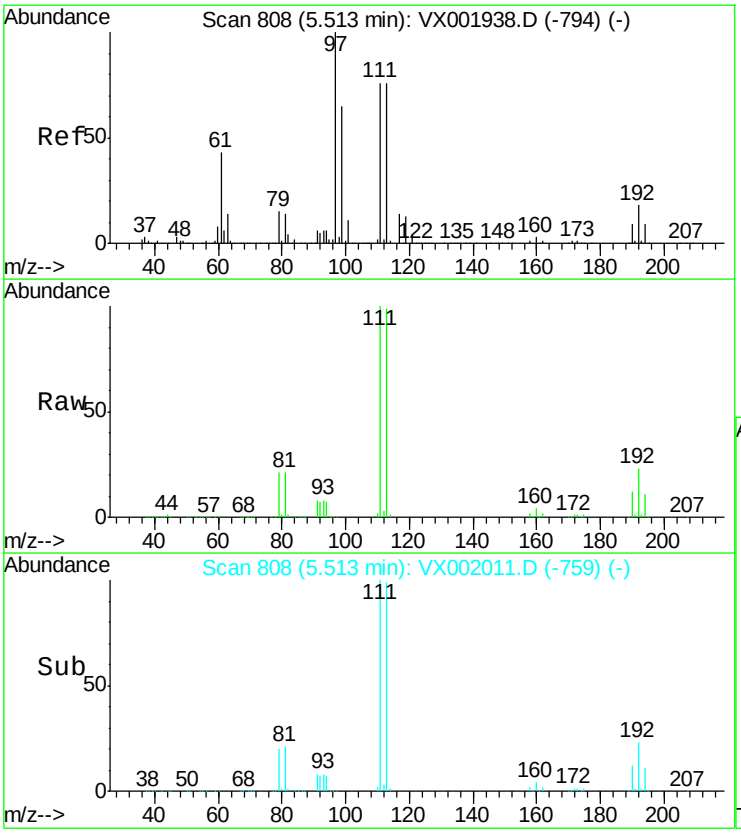
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 430742

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	16.3	0.0	31.6

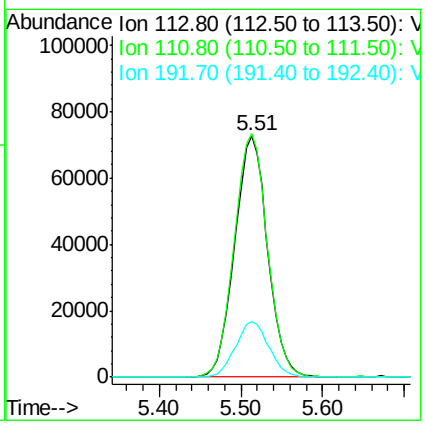


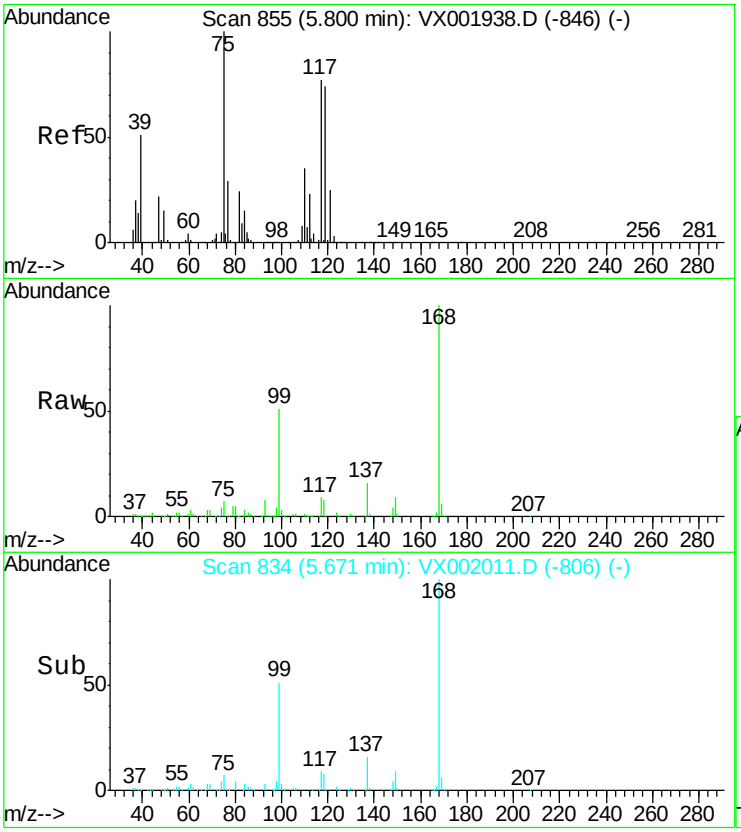


#35
Dibromofluoromethane
Concen: 47.02 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion:113 Resp: 202533

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	23.2	18.9	28.3



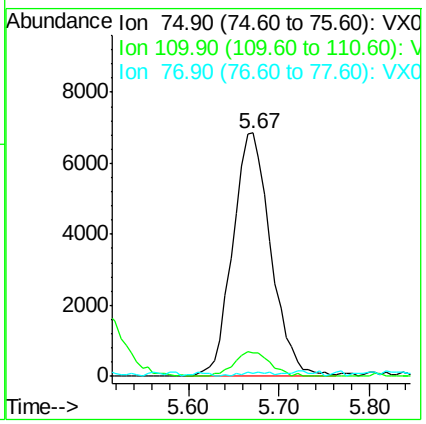


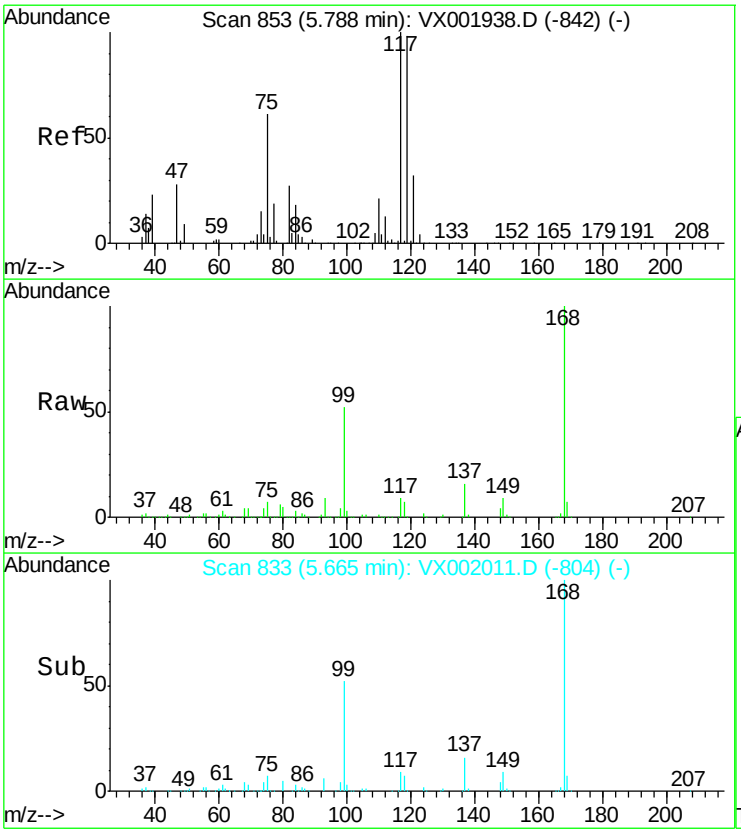
#36
1,1-Dichloropropene
Concen: 3.33 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 19958

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.4	52.2#
77	1.4	24.4	36.6#

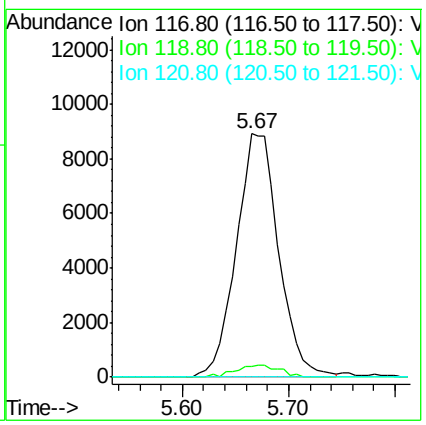


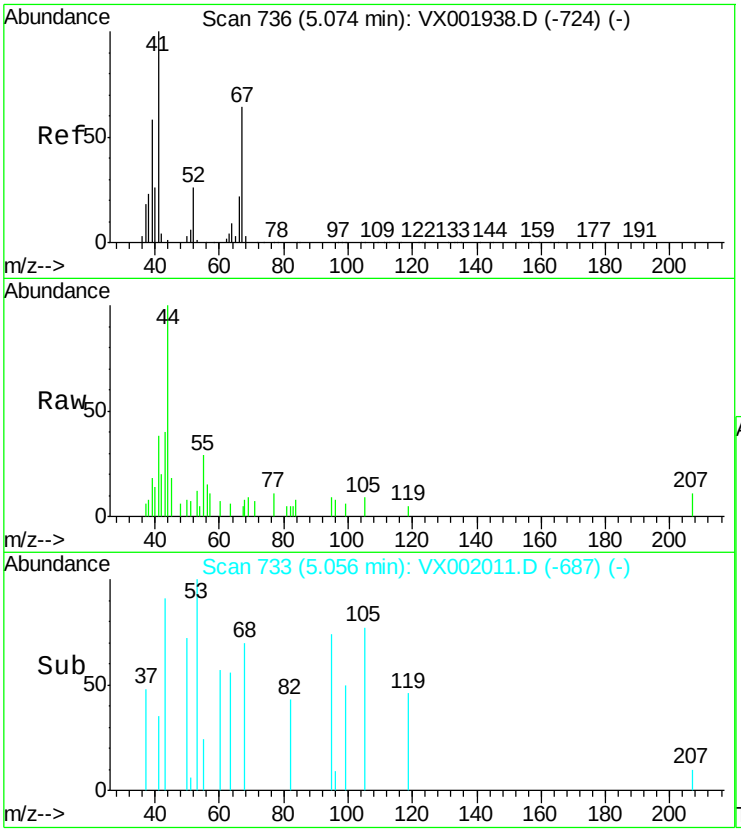


#38
Carbon Tetrachloride
Concen: 3.57 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion:117 Resp: 24938

Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.5	117.7#
121	0.0	25.5	38.3#



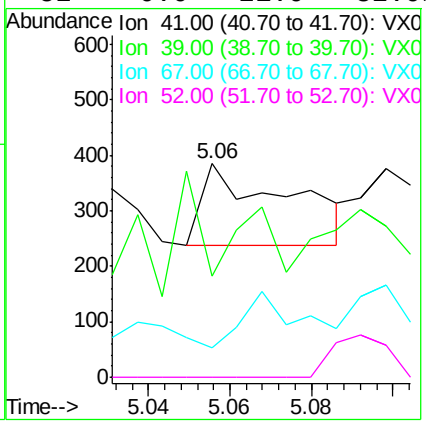


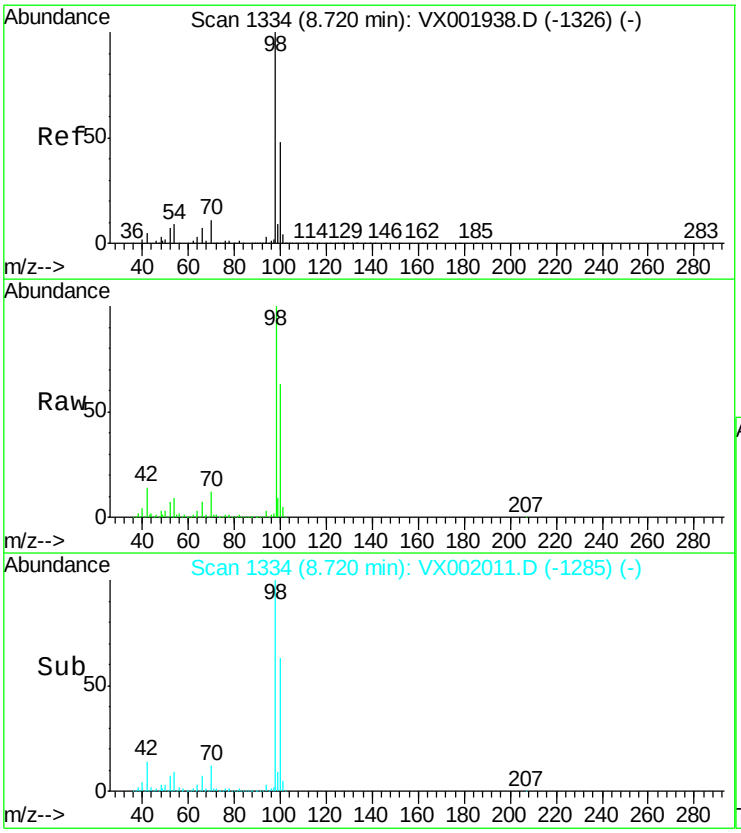
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 214

Ion	Ratio	Lower	Upper
41	100		
39	65.0	46.0	69.0
67	91.6	50.6	75.8#
52	0.0	21.9	32.9#

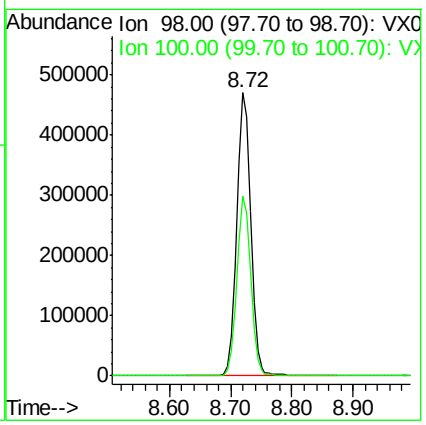


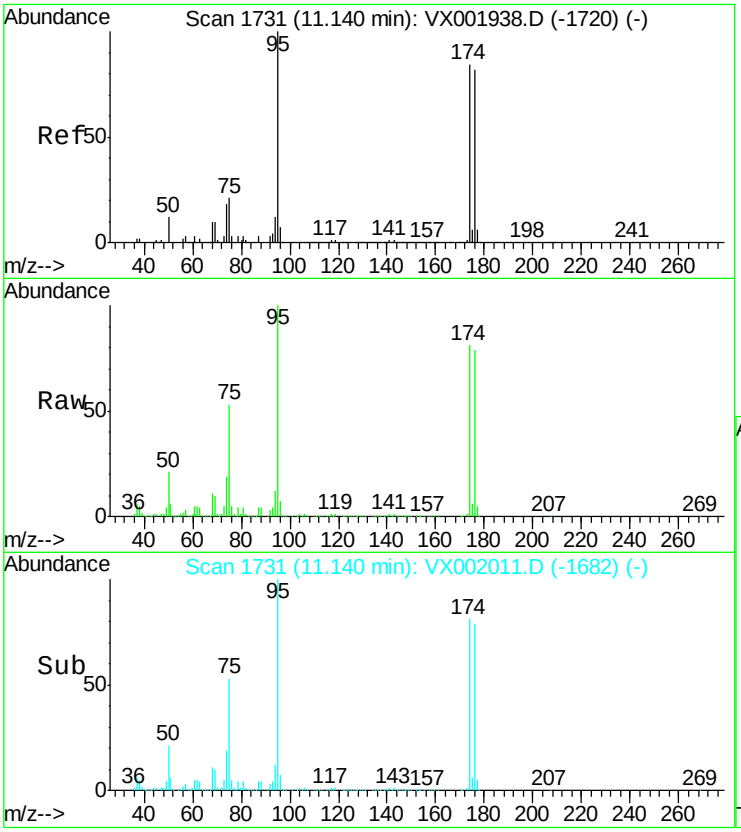


#50
Toluene-d8
Concen: 46.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 98 Resp: 731637

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3



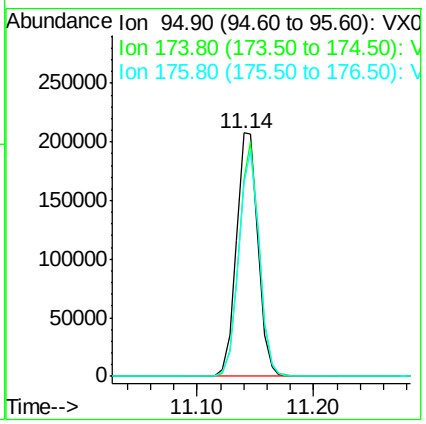


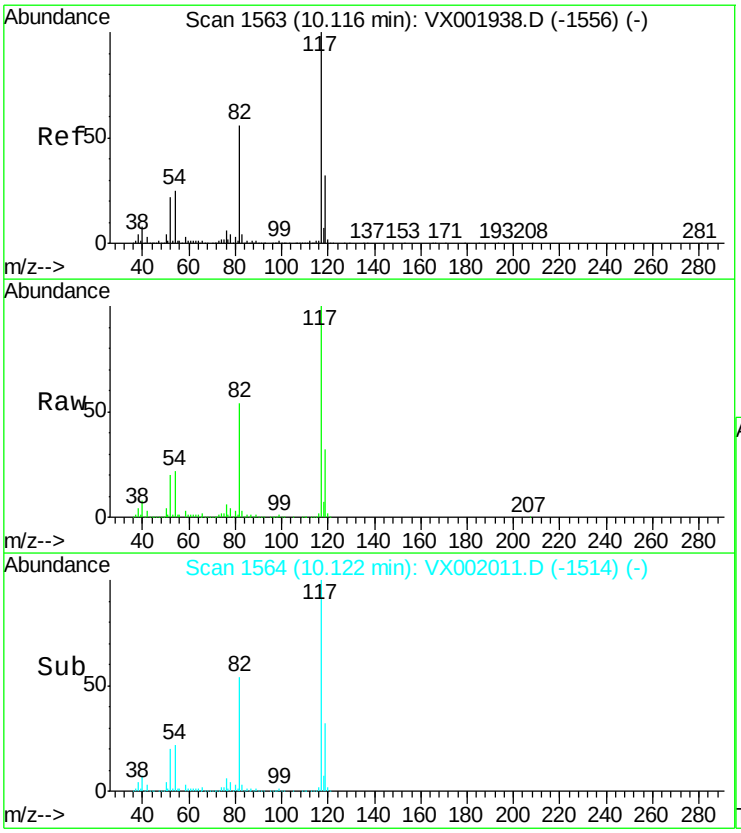
#62
4-Bromofluorobenzene
Concen: 44.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 268596

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	178.8
176	88.1	0.0	175.6

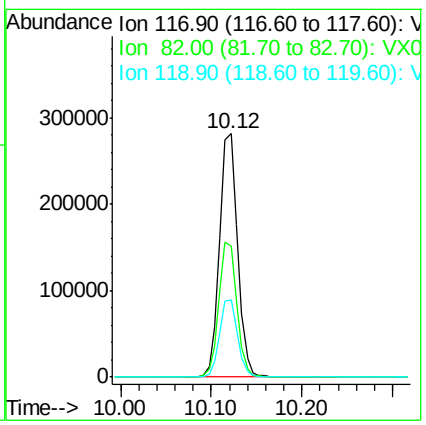


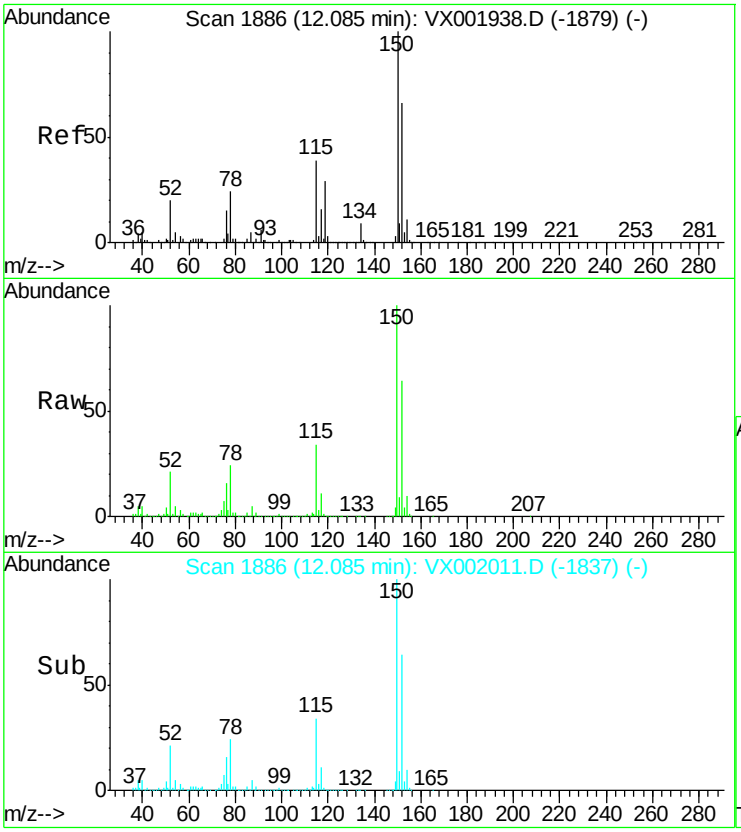


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion:117 Resp: 392912

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.8	67.2
119	31.9	25.5	38.3



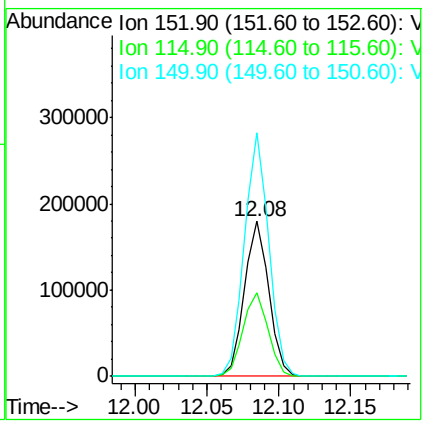


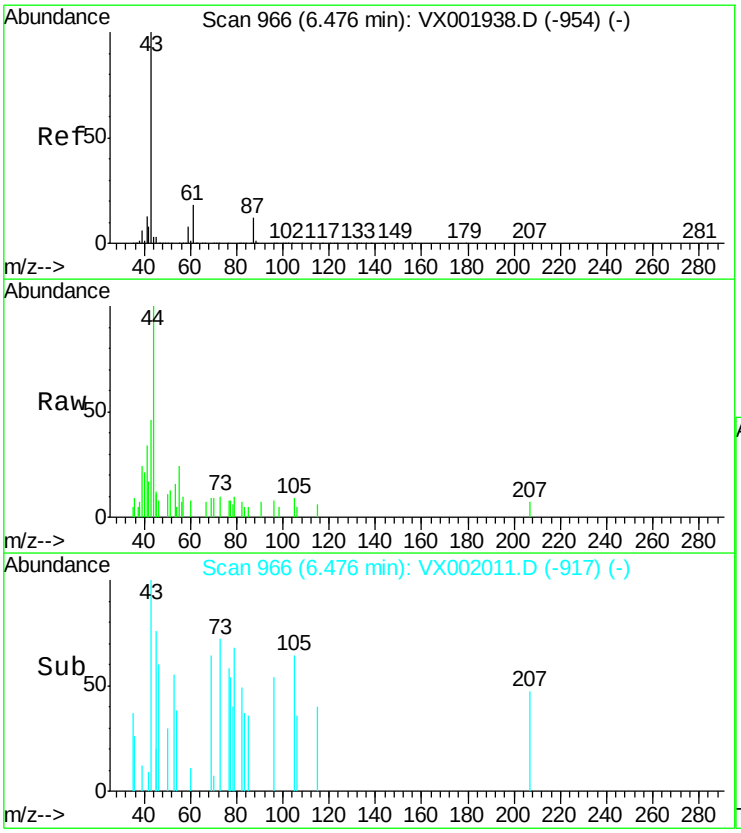
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 210023

Ion	Ratio	Lower	Upper
152	100		
115	55.2	42.3	126.8
150	156.2	0.0	351.0

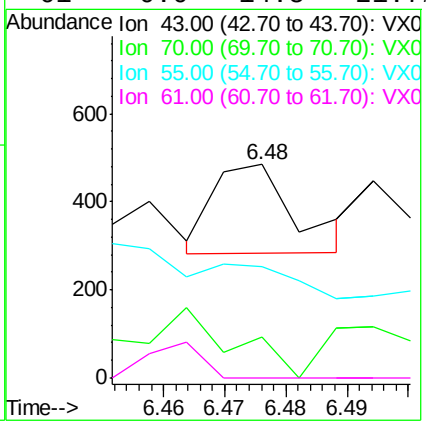


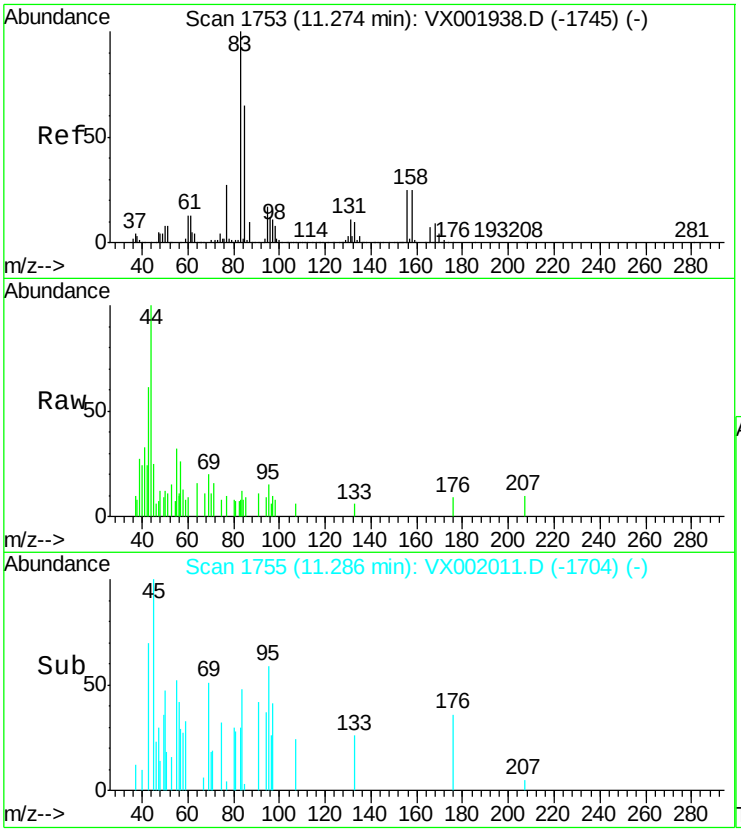


#74
N-amyl acetate
Concen: Below Cal
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 43 Resp: 189

Ion	Ratio	Lower	Upper
43	100		
70	61.4	0.1	0.1#
55	0.0	0.1	0.1#
61	0.0	14.5	21.7#



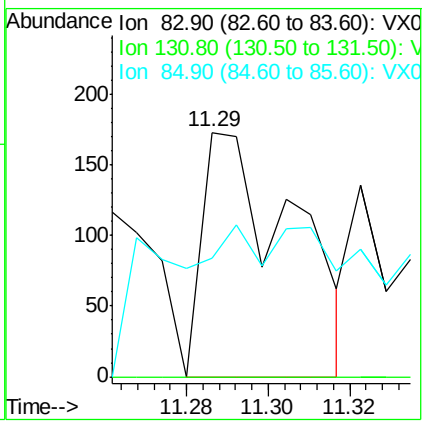


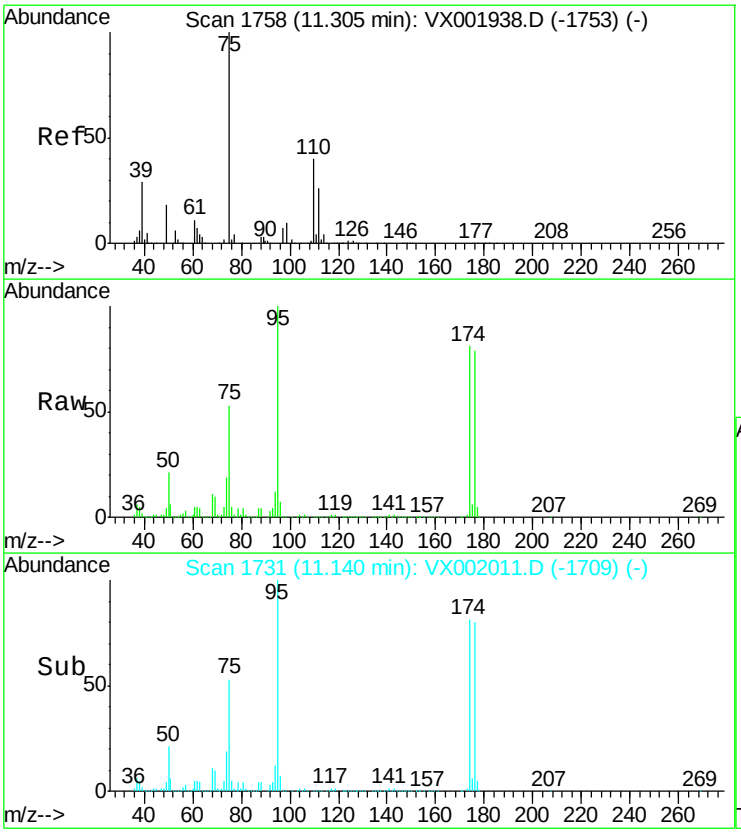
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 265

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	35.8	32.6	97.7

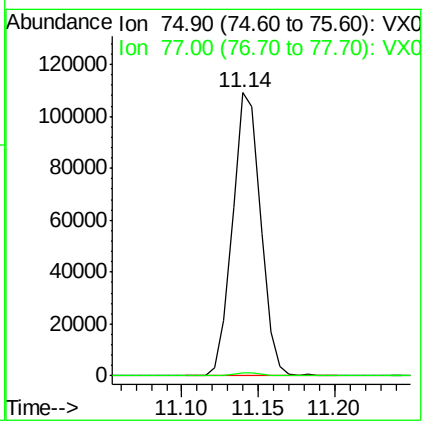


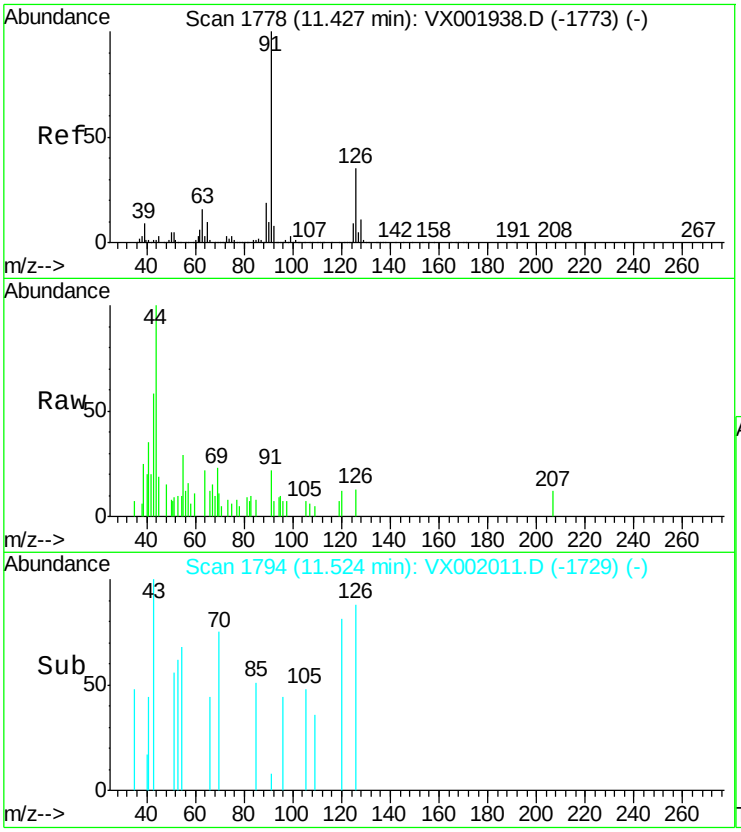


#76
1,2,3-Trichloropropane
Concen: 27.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.17 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 75 Resp: 139112

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



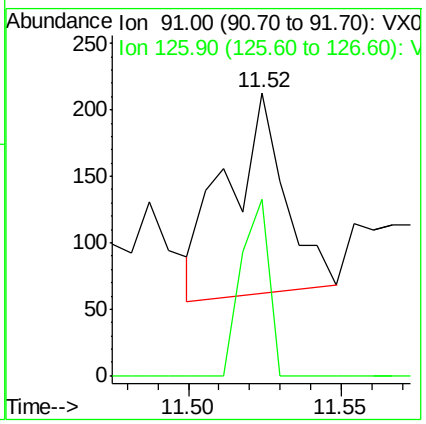


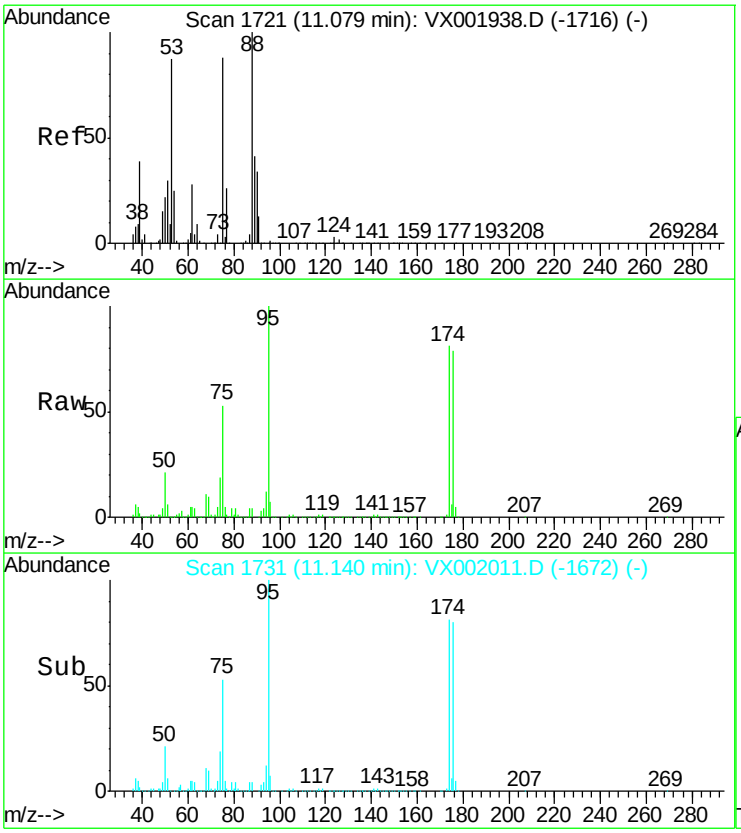
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.52 min Scan# 1794
Delta R.T. 0.10 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 199

Ion	Ratio	Lower	Upper
91	100		
126	41.7	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 66.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002011.D
Acq: 26 May 2018 07:14

Tgt Ion: 75 Resp: 139112

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.0	117.0#
89	0.1	39.4	59.2#