Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002232.D
Acq On : 02 Jun 2018 00:23
Operator : JC/MD
Sample : J3151-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:24:42 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	226509	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	330204	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	302812	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163302	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	226814	56.02	ug/l		0.00
Spiked Amount 50.000			Recovery =	112.04%			
35) Dibromofluoromethane	5.51	113	163970	49.66	ug/l		0.00
Spiked Amount 50.000			Recovery =	99.32%			
50) Toluene-d8	8.72	98	650742	54.43	ug/l		0.00
Spiked Amount 50.000			Recovery =	108.86%			
62) 4-Bromofluorobenzene	11.14	95	222425	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery =	95.10%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	149	Below Cal		#	41
3) Chloromethane	1.33	50	706	0.20	ug/l		95
4) Vinyl Chloride	1.40	62	10065	2.99	ug/l		95
5) Bromomethane	1.67	94	862	Below Cal			86
10) Methyl Iodide	2.52	142	993	0.26	ug/l	#	88
11) Tert butyl alcohol	3.03	59	1941	2.44	ug/l	#	85
13) Acrolein	2.31	56	201	0.58	ug/l	#	67
16) Acetone	2.45	43	2786	1.78	ug/l		95
18) Methyl Acetate	2.78	43	408	Below Cal			92
20) Methylene Chloride	2.87	84	375	Below Cal		#	53
21) trans-1,2-Dichloroethene	3.17	96	749	Below Cal			91
25) 2-Butanone	4.73	43	702	0.25	ug/l	#	53
27) cis-1,2-Dichloroethene	4.60	96	21602	6.27	ug/l		94
28) Bromochloromethane	5.21	49	19	Below Cal		#	14
31) Cyclohexane	5.67	56	5239	0.94	ug/l	#	14
36) 1,1-Dichloropropene	5.67	75	16633	3.62	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21601	4.03	ug/l	#	15
41) Methacrylonitrile	5.05	41	81	Below Cal		#	27
44) Trichloroethene	7.23	130	1938	0.49	ug/l		84
51) 4-Methyl-2-Pentanone	8.71	43	3369	0.56	ug/l	#	1
74) N-amyl acetate	6.46	43	233	Below Cal		#	60
75) 1,1,2,2-Tetrachloroethane	11.35	83	20	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	121201	30.90	ug/l	#	32
79) 2-Chlorotoluene	11.37	91	99	Below Cal		#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	121201	74.26	ug/l	#	10

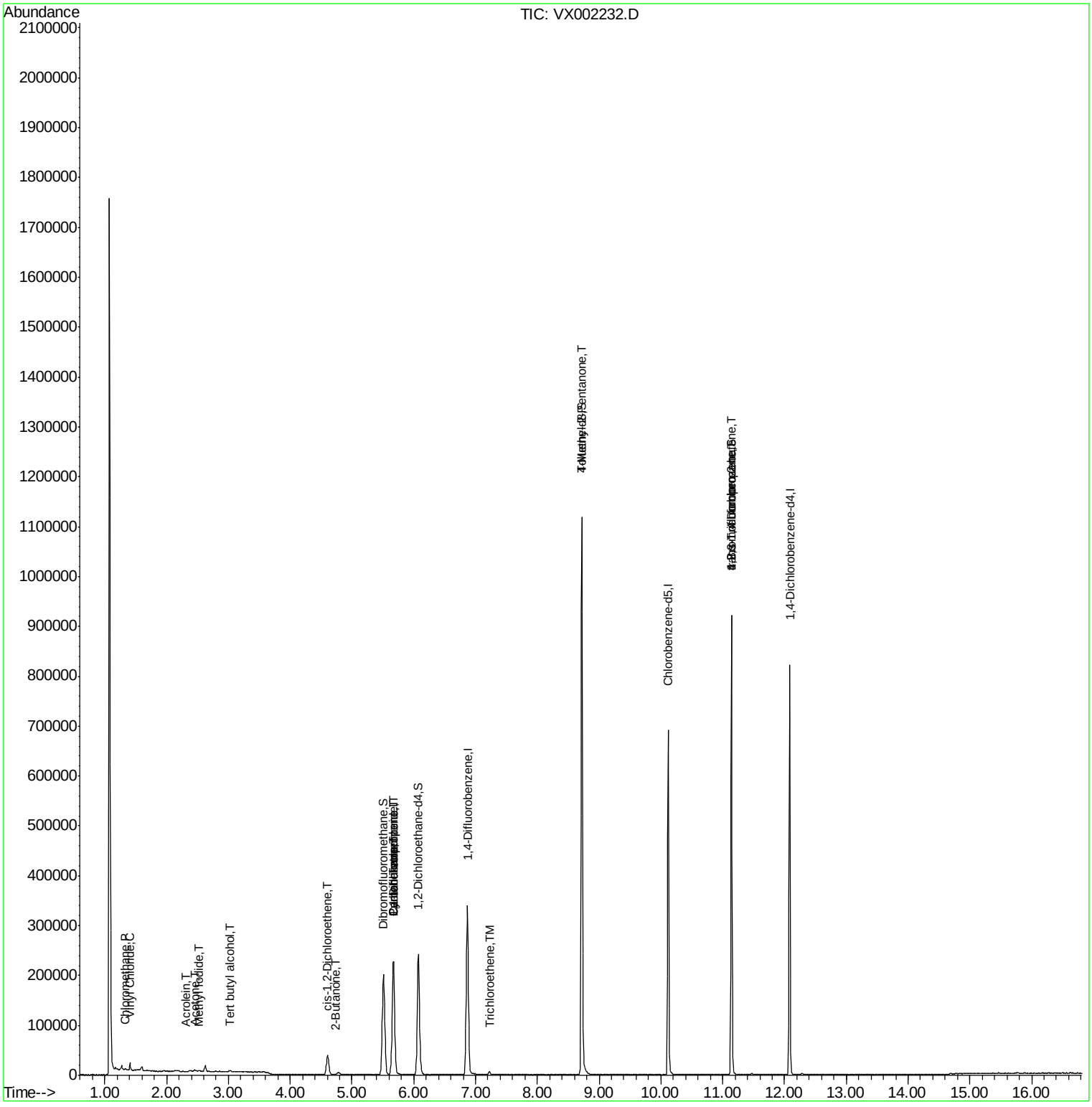
(#) = qualifier out of range (m) = manual integration (+) = signals summed

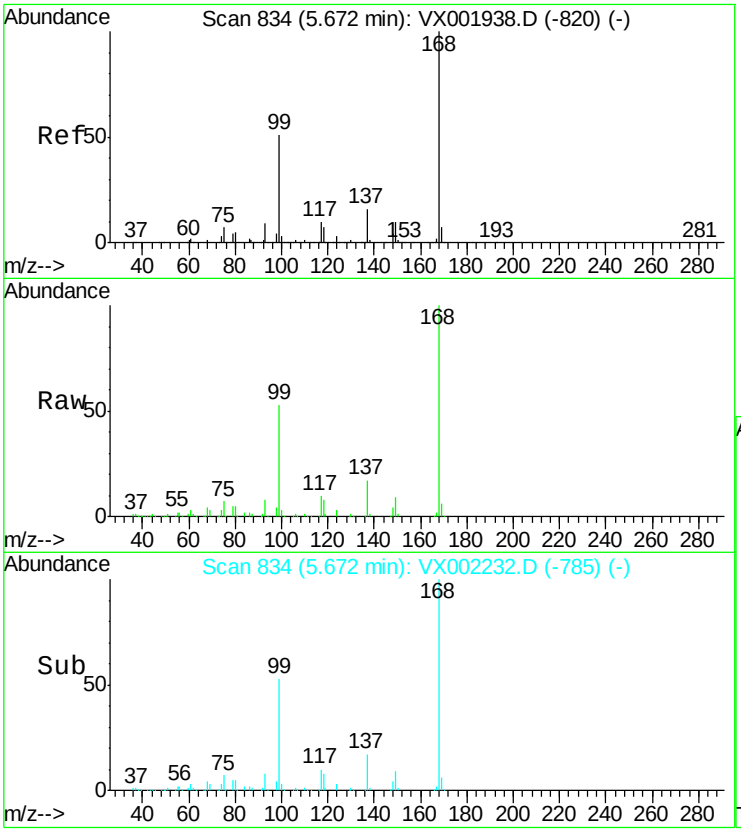
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
Data File : VX002232.D
Acq On : 02 Jun 2018 00:23
Operator : JC/MD
Sample : J3151-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:24:42 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



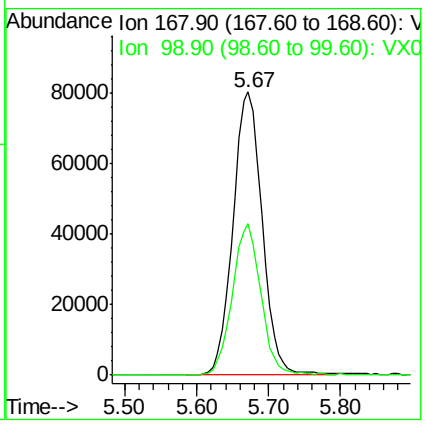


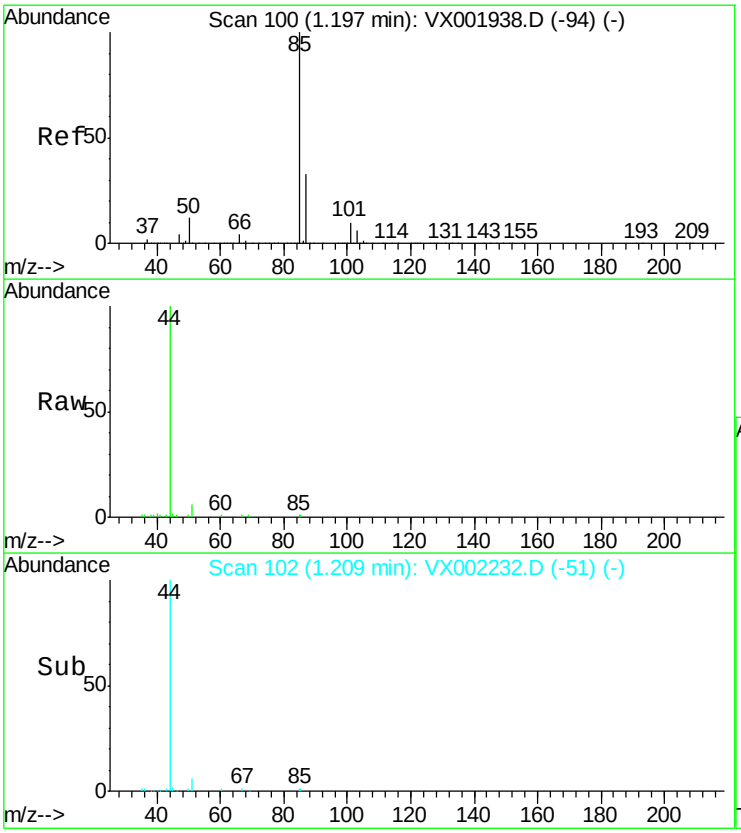
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 226509

Ion	Ratio	Lower	Upper
168	100		
99	53.4	41.0	61.4

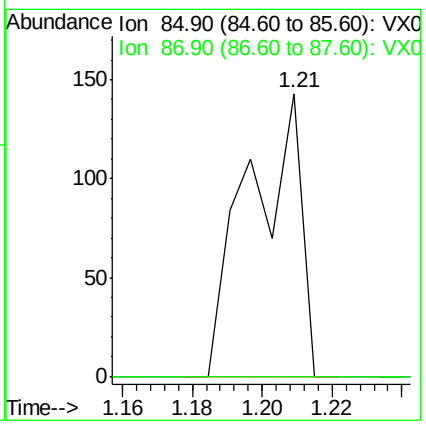


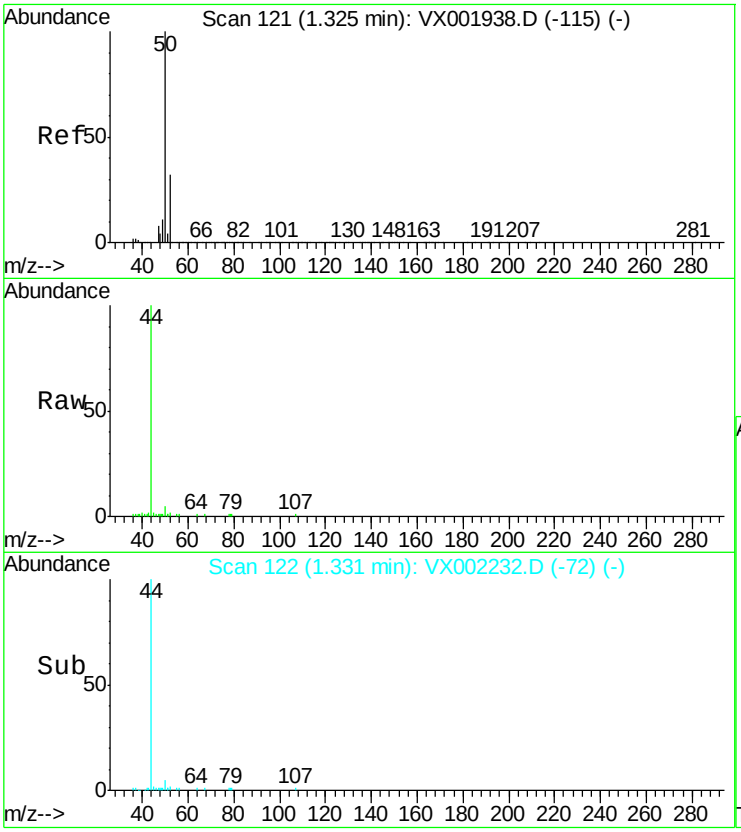


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.21 min Scan# 102
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 85 Resp: 149

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



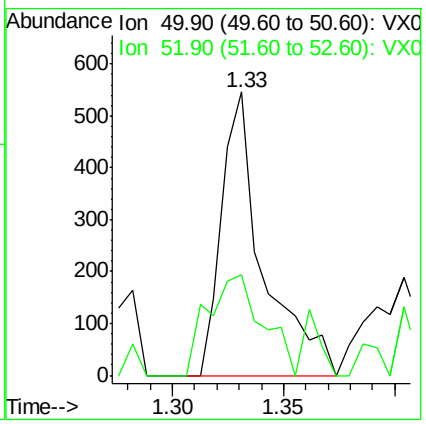


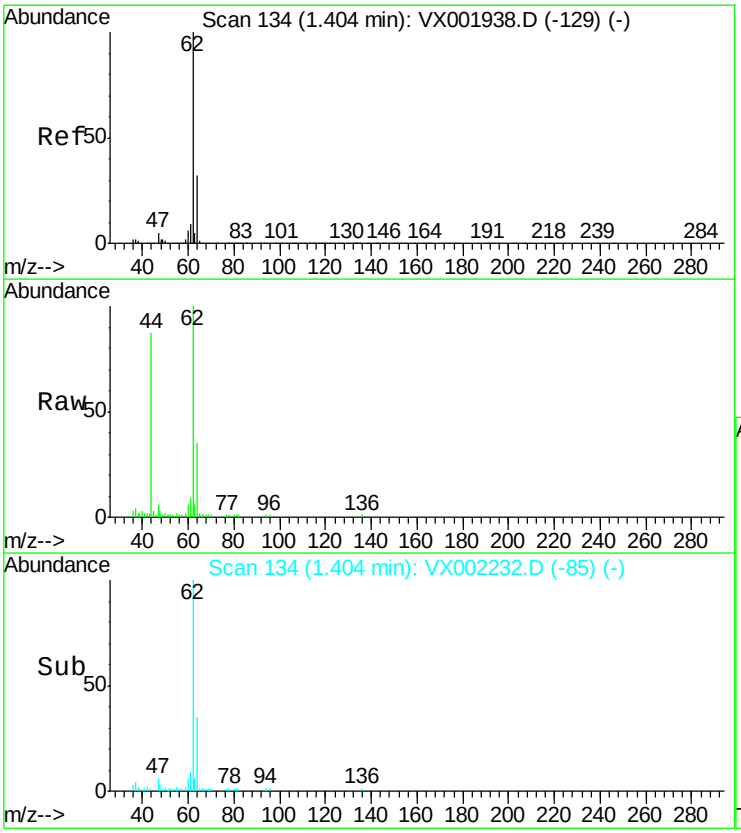
#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 706

Ion	Ratio	Lower	Upper
50	100		
52	35.3	26.0	39.0

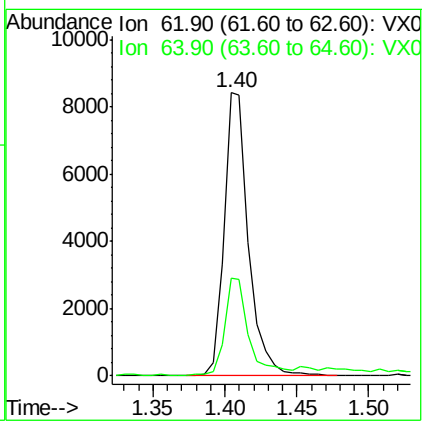


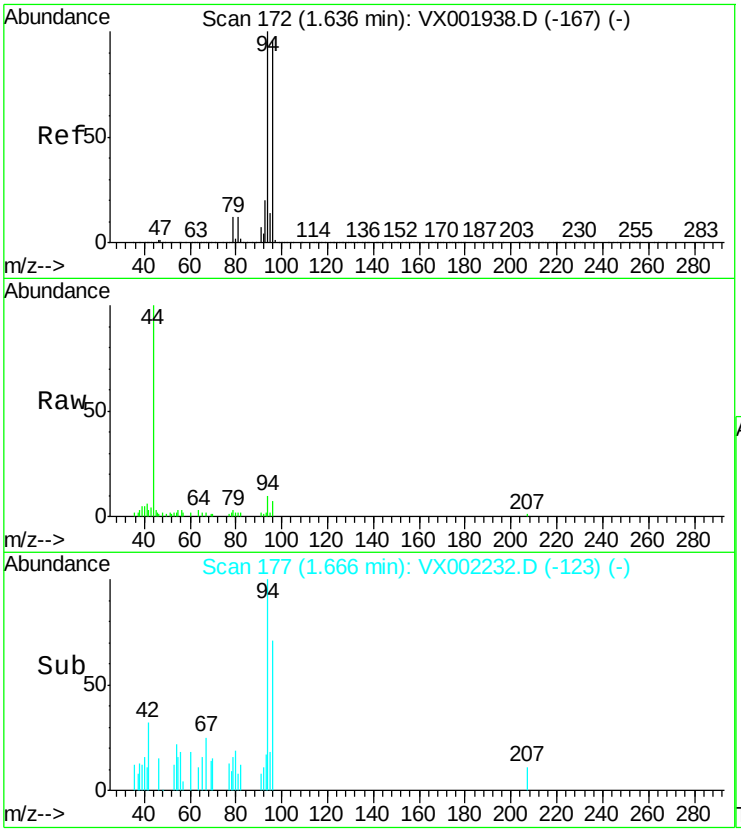


#4
Vinyl Chloride
Concen: 2.99 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 62 Resp: 10065

Ion	Ratio	Lower	Upper
62	100		
64	34.6	25.4	38.0



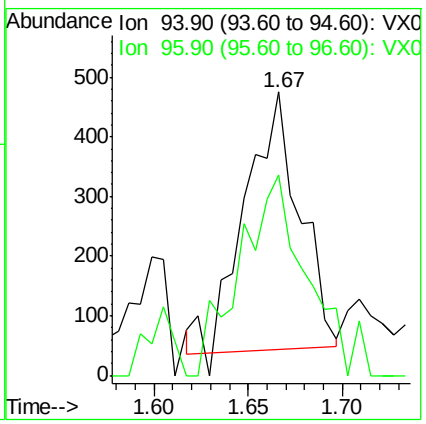


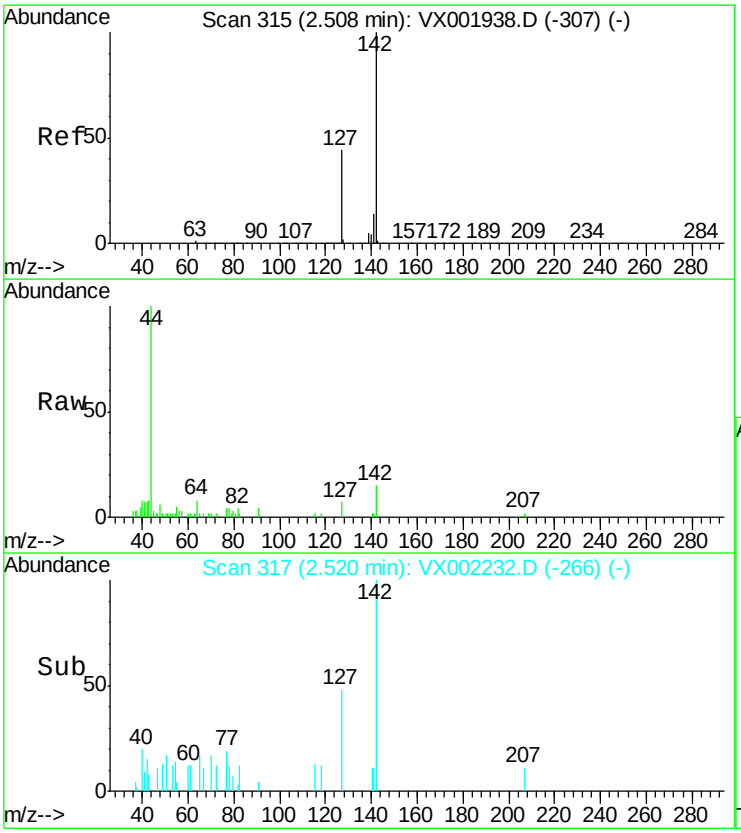
#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 862

Ion	Ratio	Lower	Upper
94	100		
96	81.2	75.9	113.9

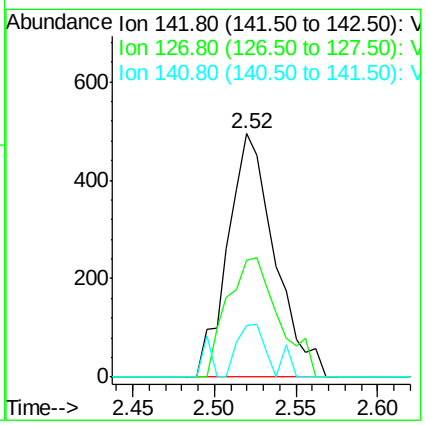


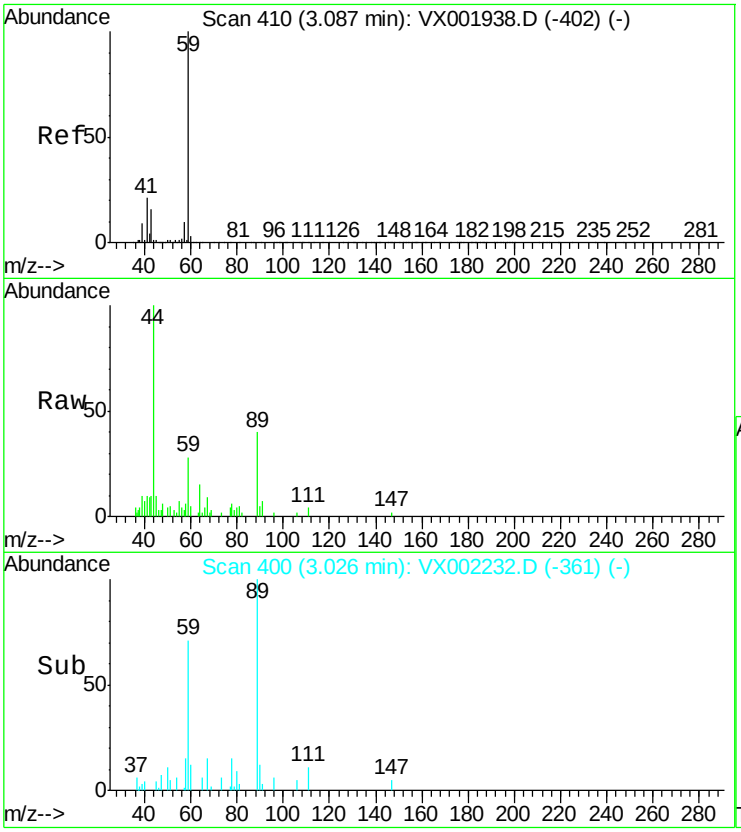


#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion:142 Resp: 993

Ion	Ratio	Lower	Upper
142	100		
127	53.9	35.5	53.3#
141	12.5	11.3	16.9



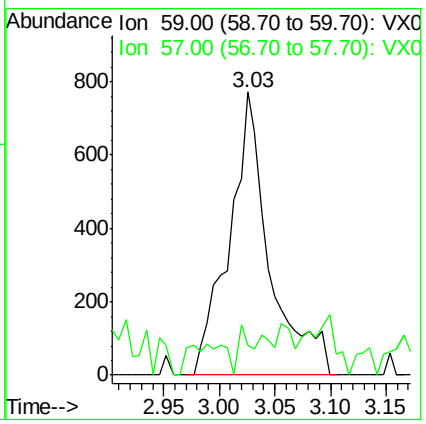


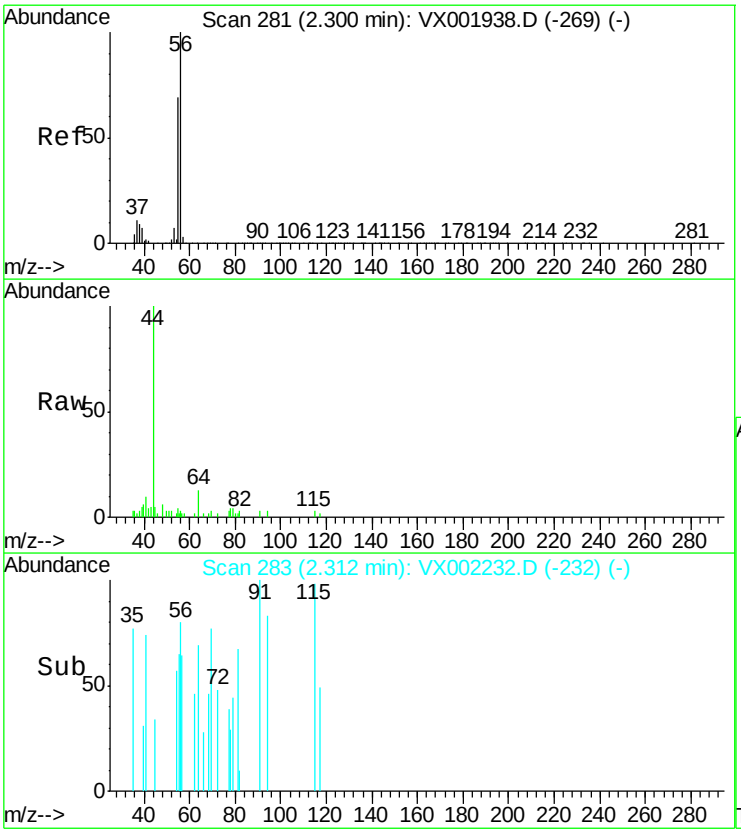
#11
Tert butyl alcohol
Concen: 2.44 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1941

Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.9	13.3#

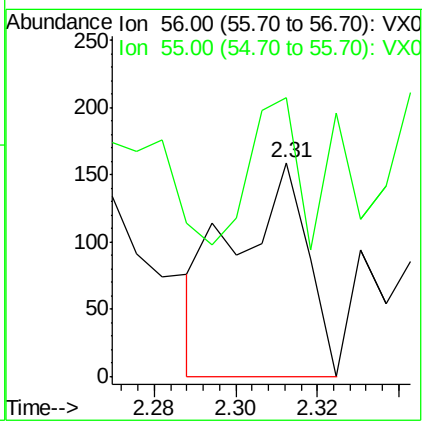


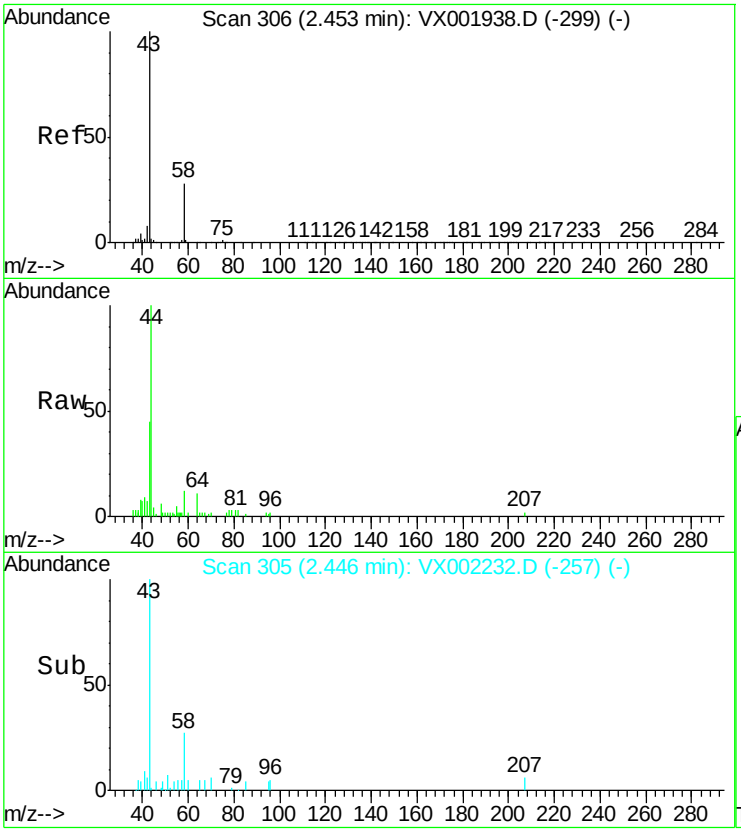


#13
Acrolein
Concen: 0.58 ug/l
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 56 Resp: 201

Ion	Ratio	Lower	Upper
56	100		
55	43.8	56.8	85.2#



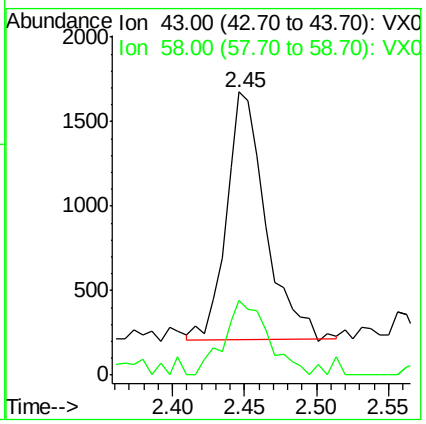


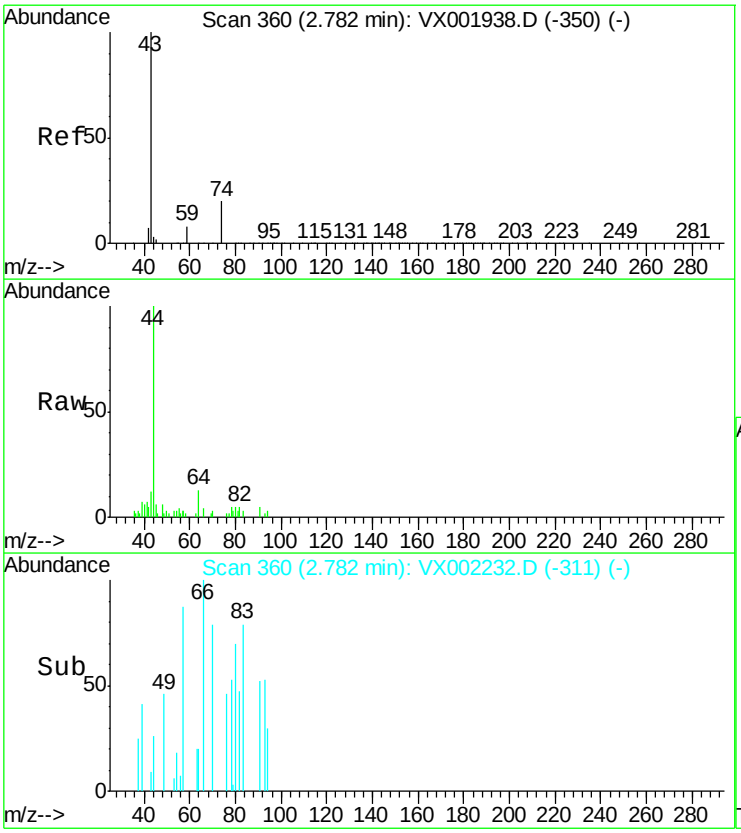
#16
Acetone
Concen: 1.78 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2786

Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.3	33.5

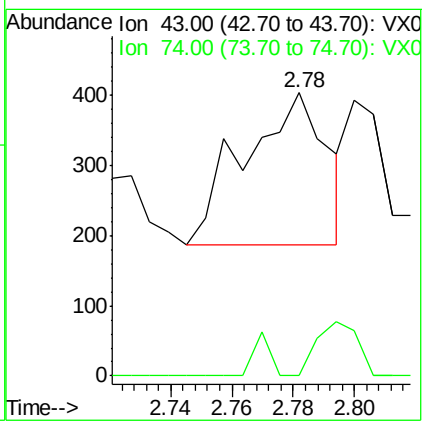


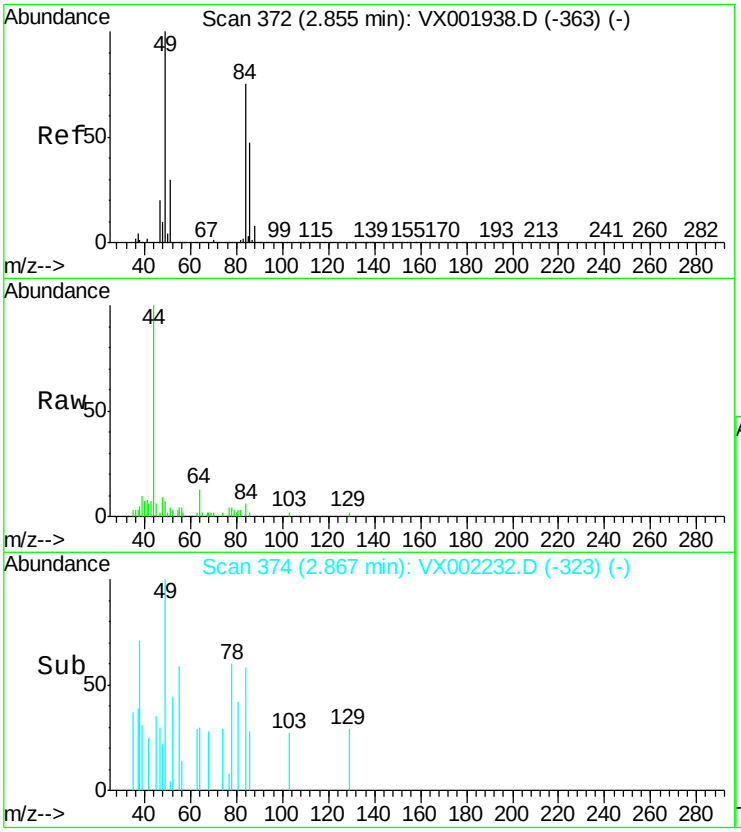


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 43 Resp: 408

Ion	Ratio	Lower	Upper
43	100		
74	17.4	16.8	25.2



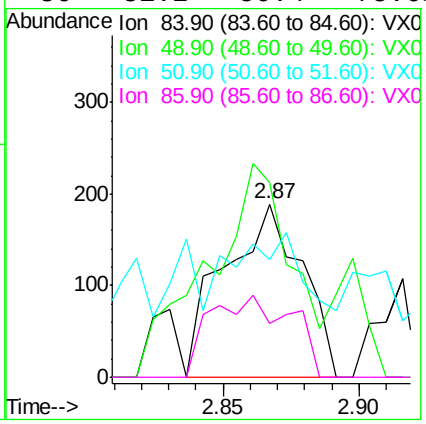


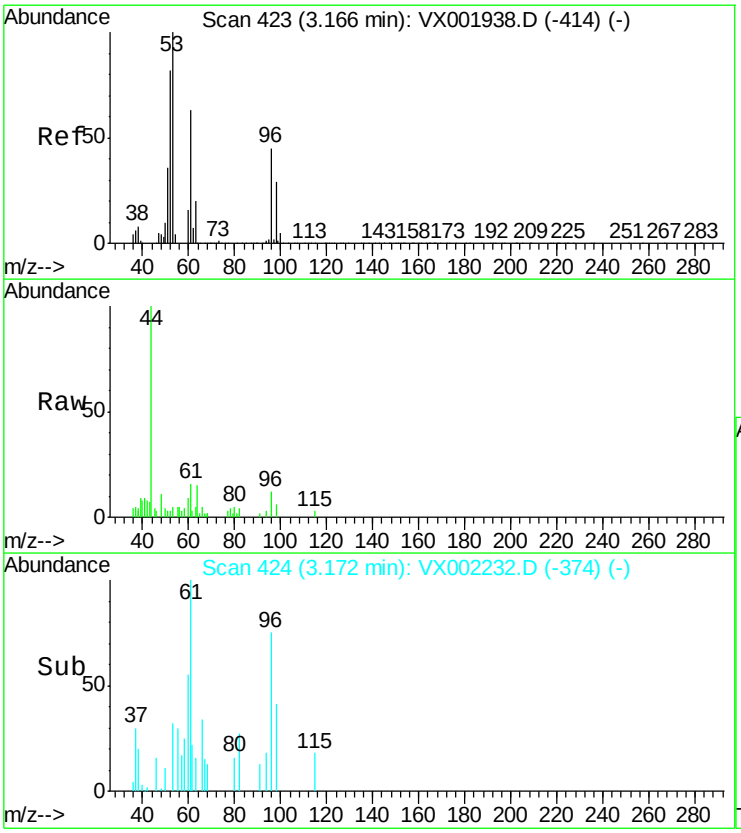
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 375

Ion	Ratio	Lower	Upper
84	100		
49	65.1	107.2	160.8#
51	29.1	32.4	48.6#
86	31.2	50.4	75.6#

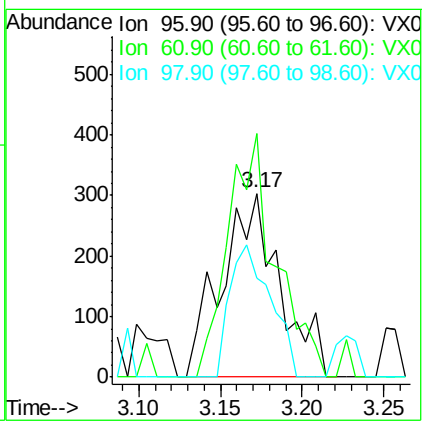


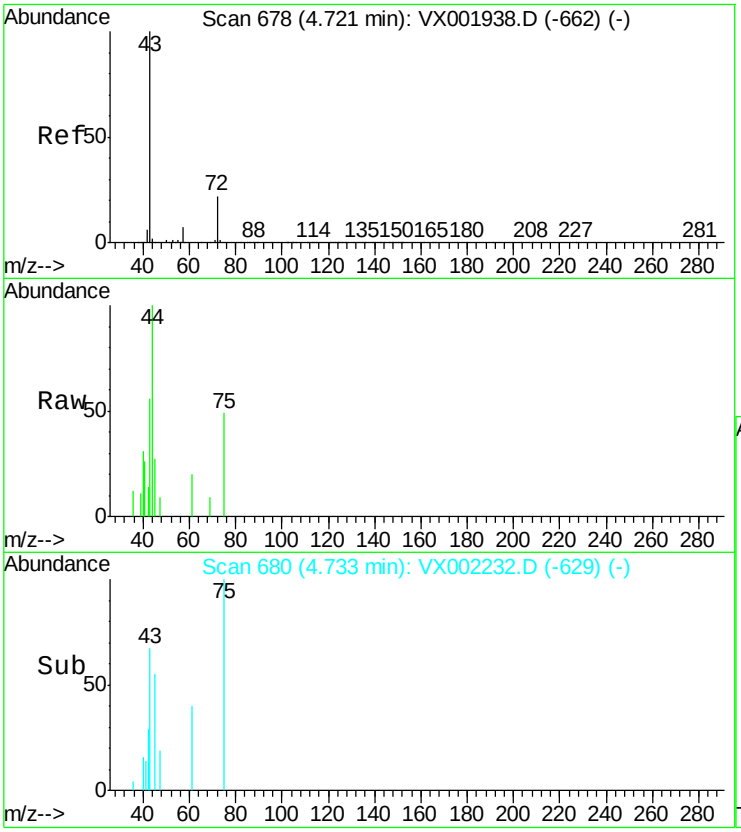


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 96 Resp: 749

Ion	Ratio	Lower	Upper
96	100		
61	132.7	113.3	169.9
98	54.1	51.7	77.5



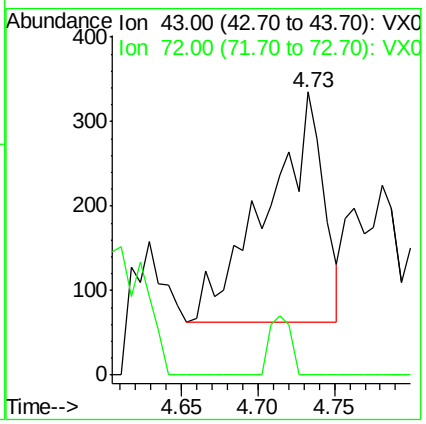


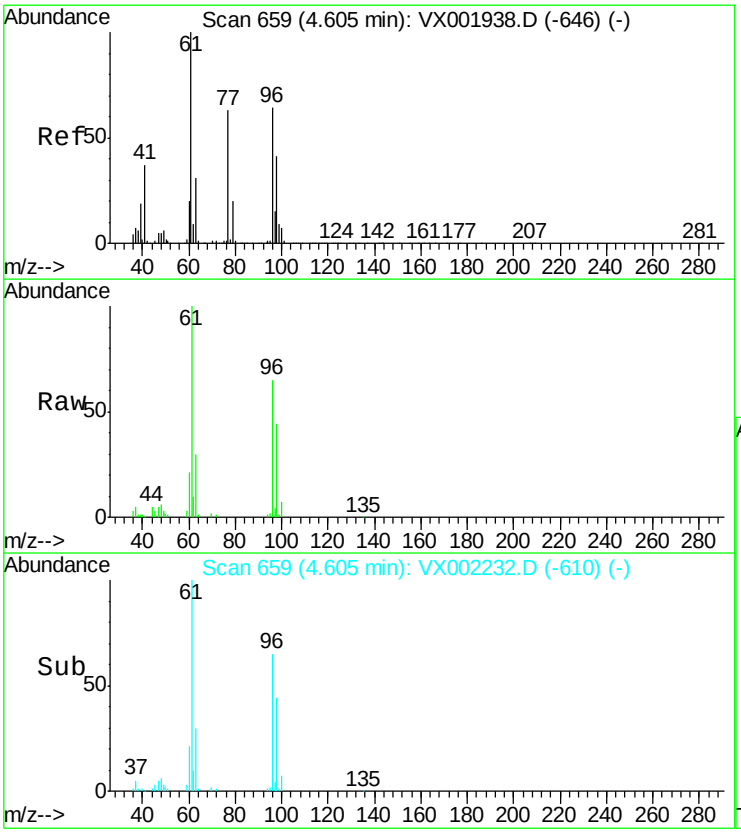
#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 702

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.9	26.9#

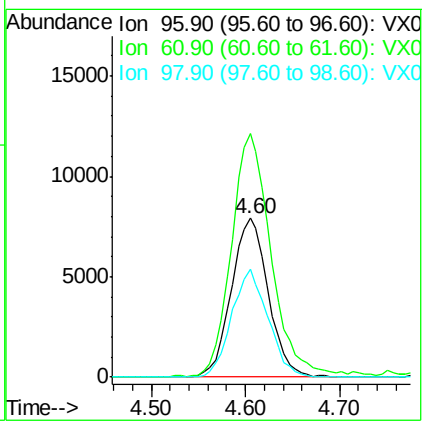


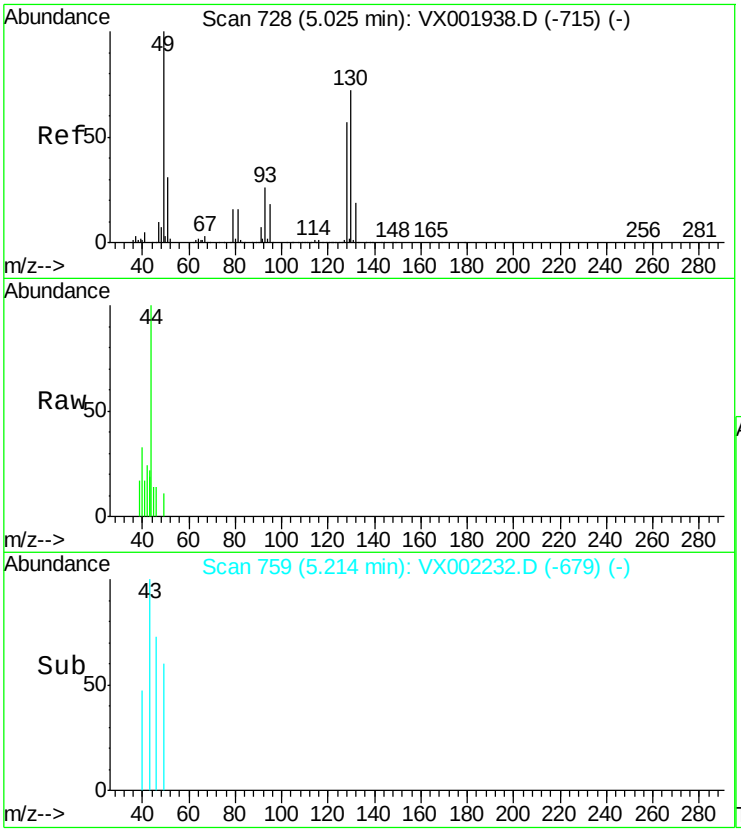


#27
cis-1,2-Dichloroethene
Concen: 6.27 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 96 Resp: 21602

Ion	Ratio	Lower	Upper
96	100		
61	165.4	0.0	348.4
98	67.0	0.0	128.6



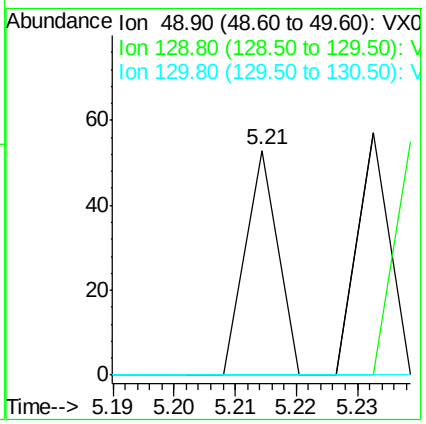


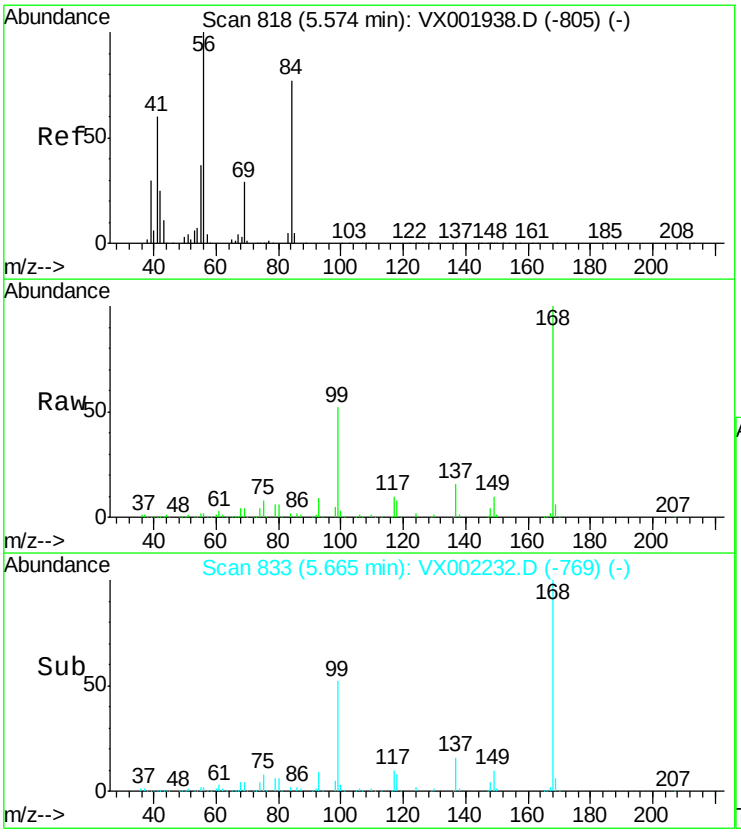
#28
Bromochloromethane
Concen: Below Cal
RT: 5.21 min Scan# 759
Delta R.T. 0.19 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

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#

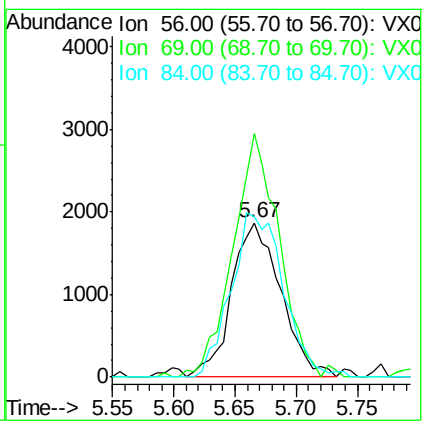


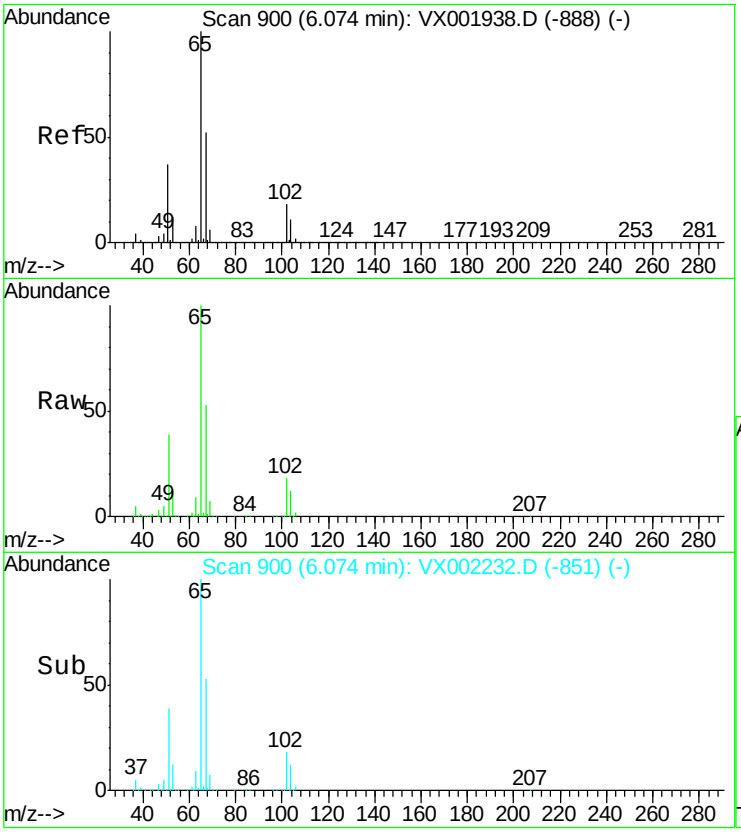


#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 56 Resp: 5239

Ion	Ratio	Lower	Upper
56	100		
69	153.4	23.1	34.7#
84	104.0	62.0	93.0#



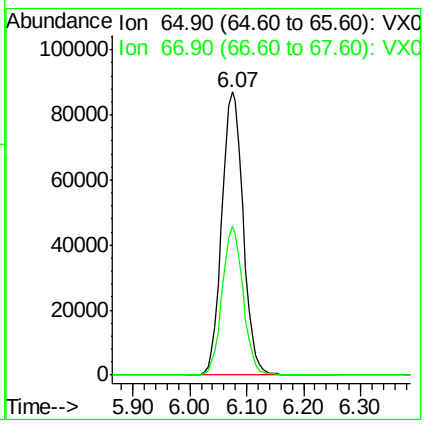


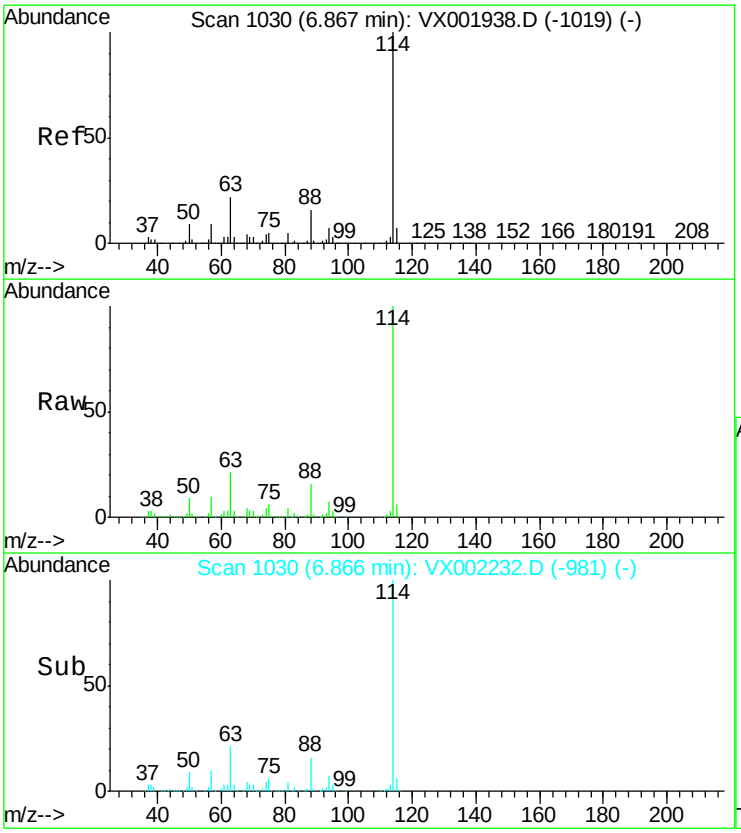
#33
1,2-Dichloroethane-d4
Concen: 56.02 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 226814

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0

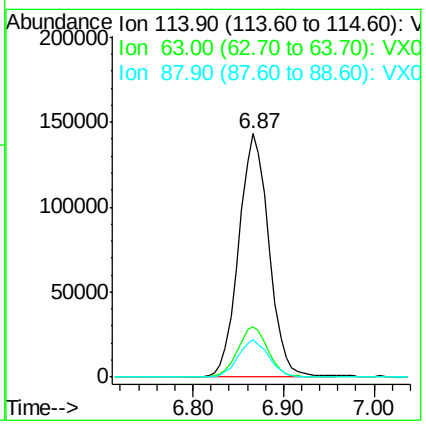


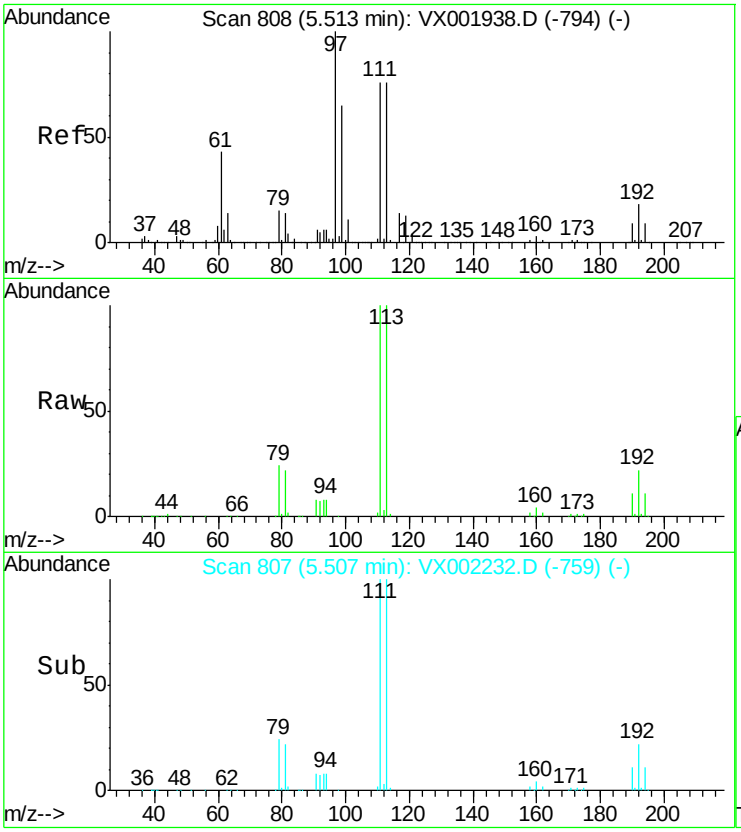


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion:114 Resp: 330204

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.6	0.0	31.6



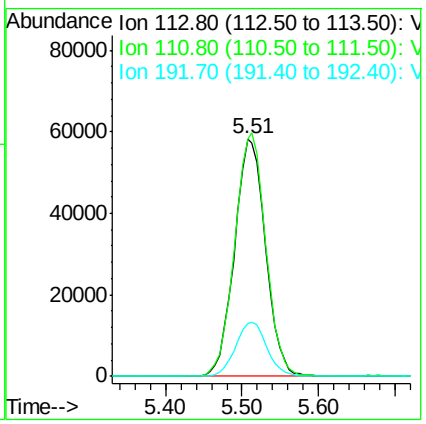


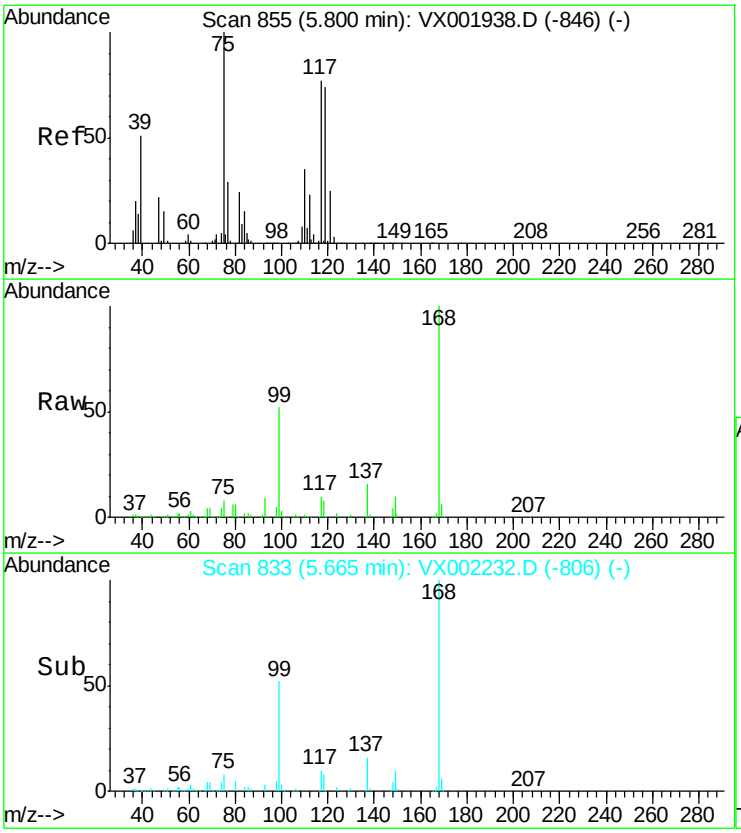
#35
Dibromofluoromethane
Concen: 49.66 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 163970

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	22.9	18.9	28.3

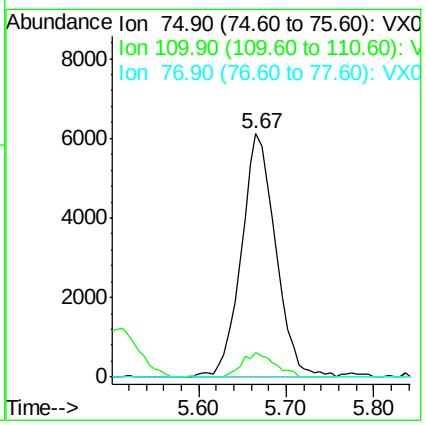


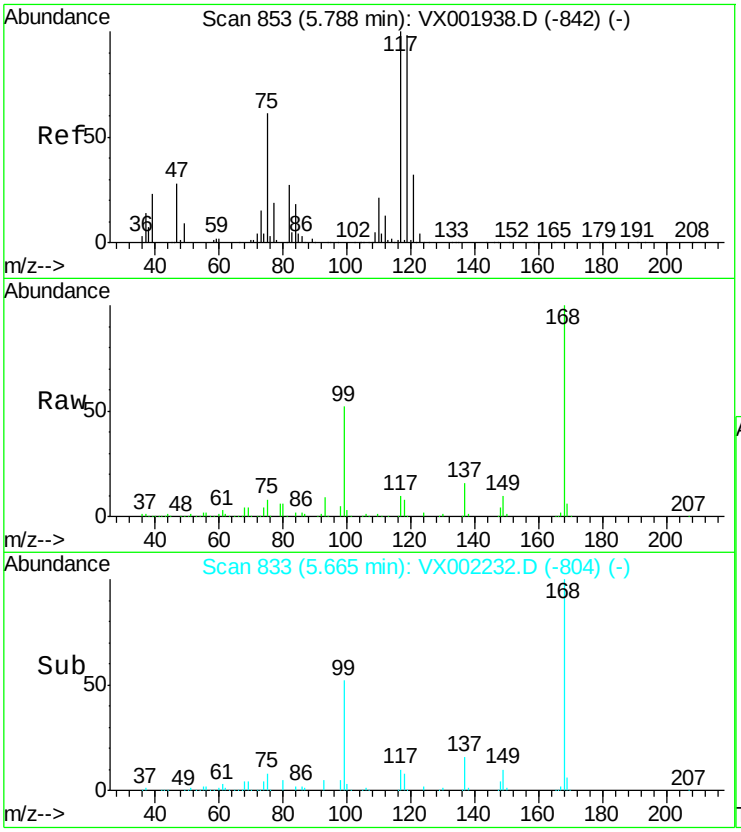


#36
1,1-Dichloropropene
Concen: 3.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 75 Resp: 16633

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.4	52.2#
77	0.0	24.4	36.6#



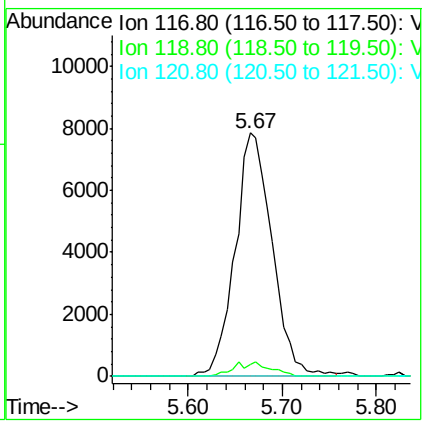


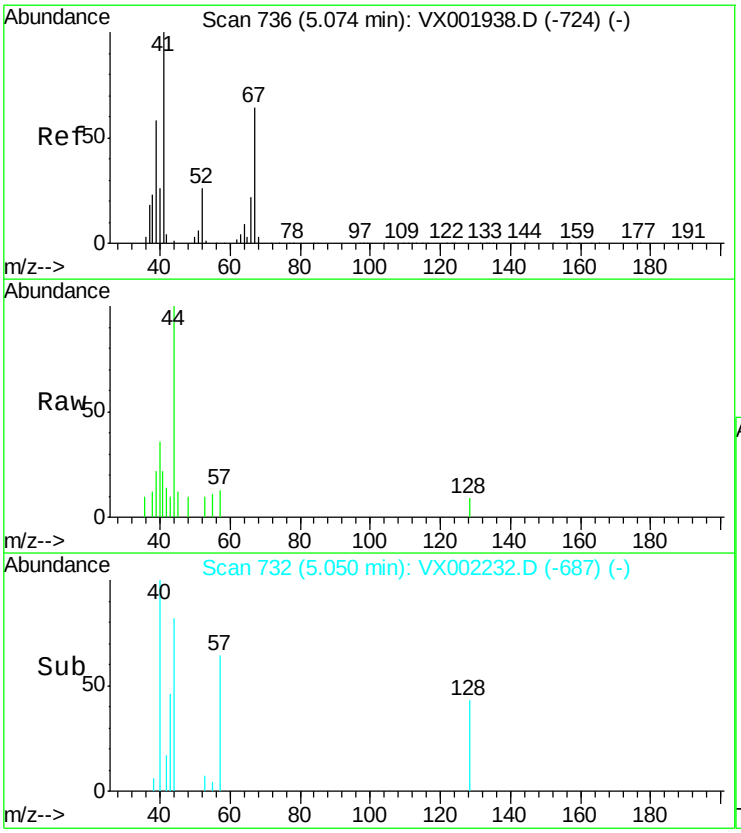
#38
Carbon Tetrachloride
Concen: 4.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21601

Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.5	117.7#
121	0.0	25.5	38.3#

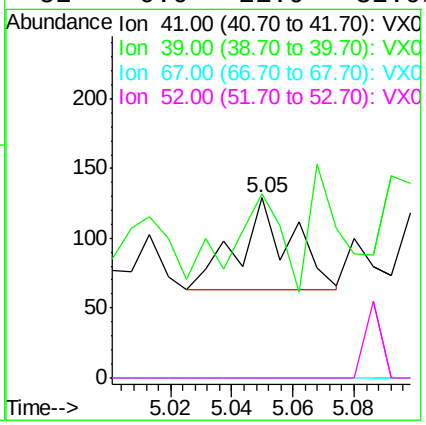


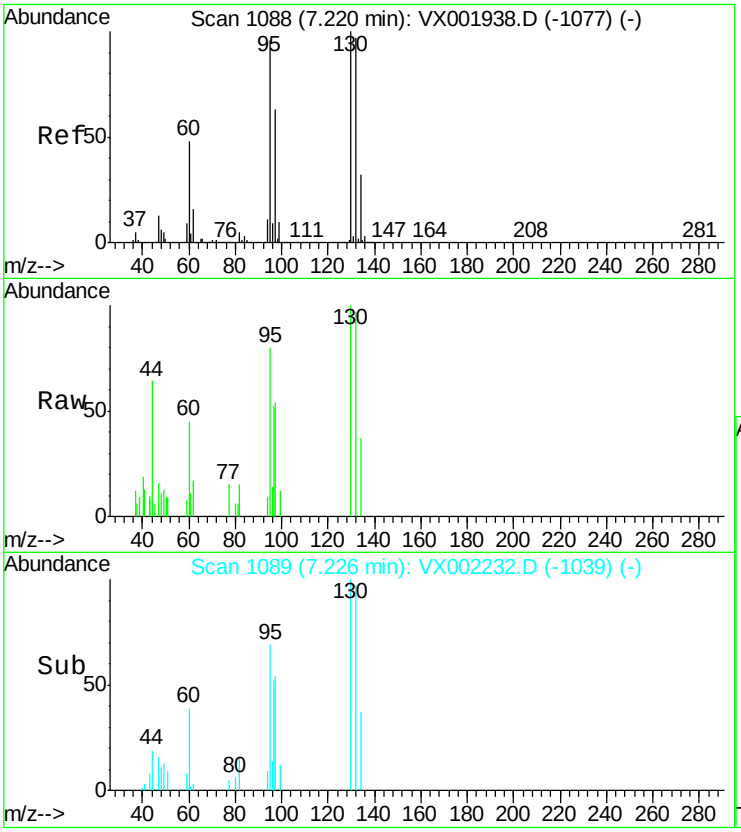


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.05 min Scan# 732
Delta R.T. -0.02 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 41 Resp: 81

Ion	Ratio	Lower	Upper
41	100		
39	111.1	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



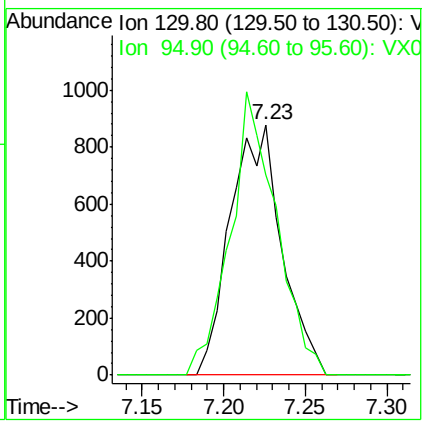


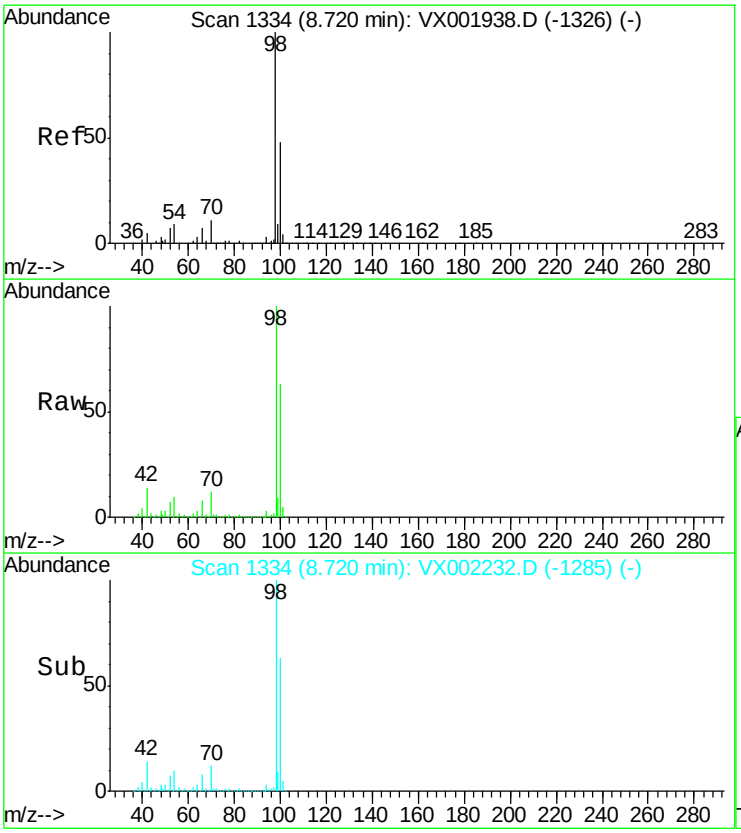
#44
Trichloroethene
Concen: 0.49 ug/l
RT: 7.23 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 1938

Ion	Ratio	Lower	Upper
130	100		
95	80.0	0.0	192.0

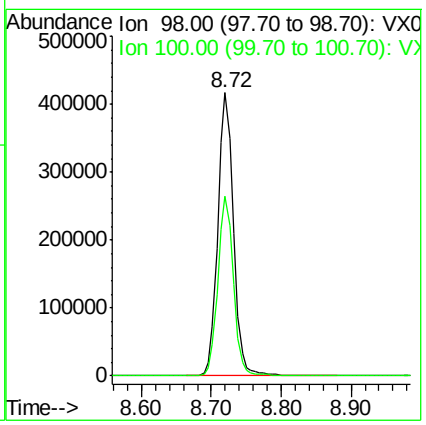


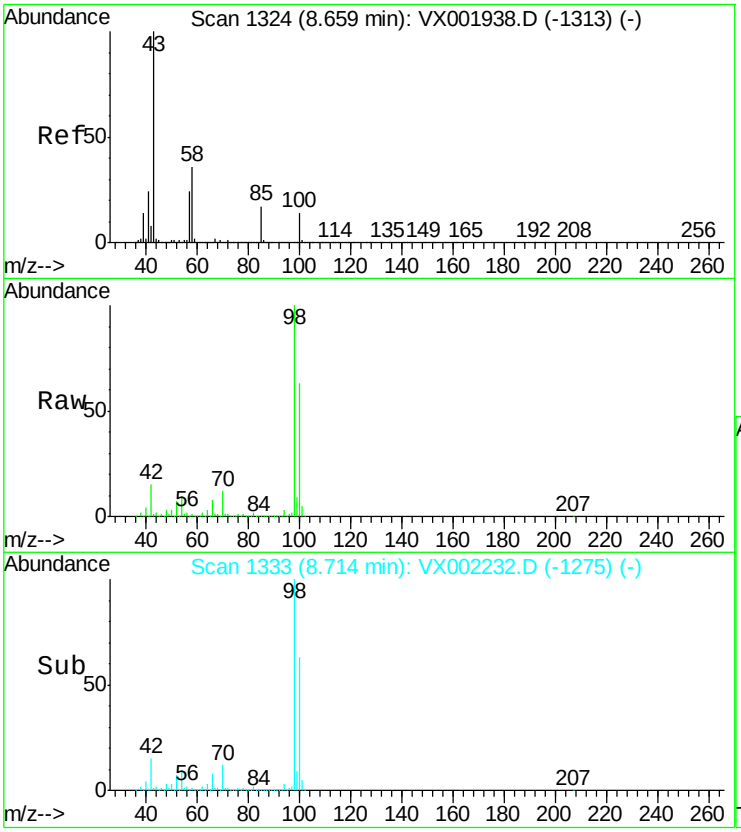


#50
Toluene-d8
Concen: 54.43 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 98 Resp: 650742

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.5	77.3



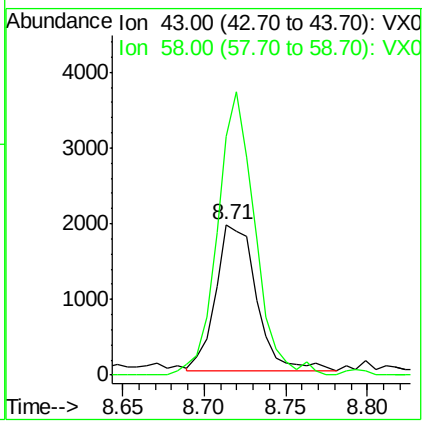


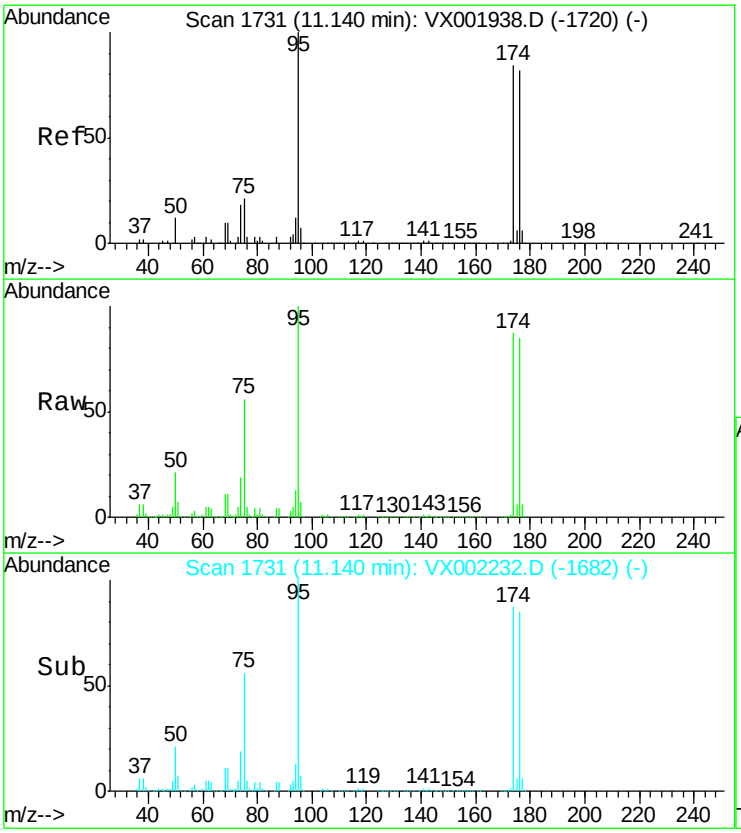
#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.05 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3369

Ion	Ratio	Lower	Upper
43	100		
58	176.7	28.5	42.7#

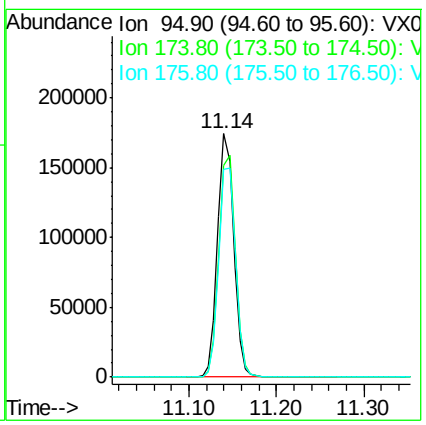


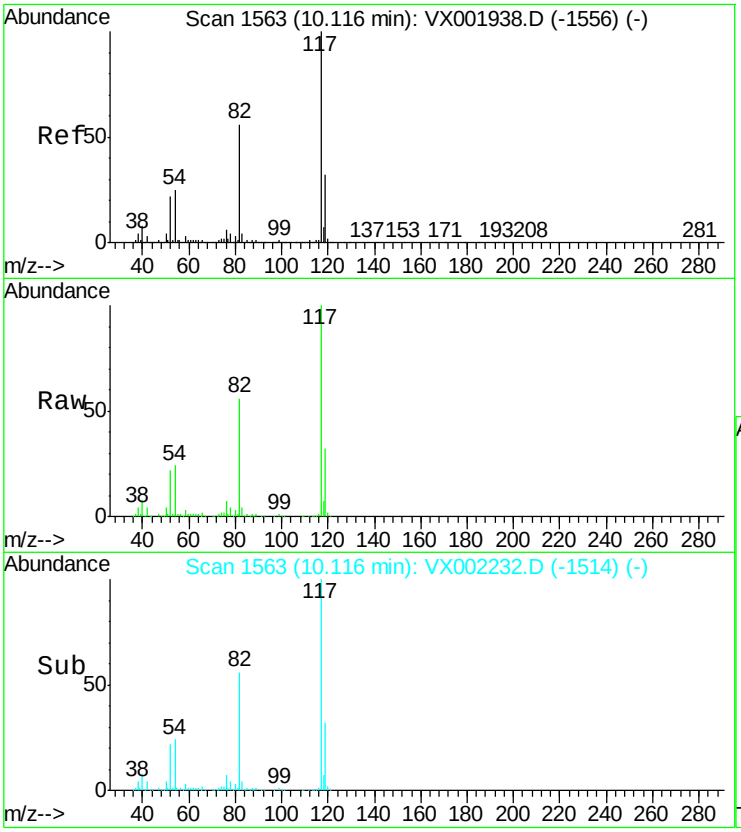


#62
4-Bromofluorobenzene
Concen: 47.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 95 Resp: 222425

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	178.8
176	89.9	0.0	175.6



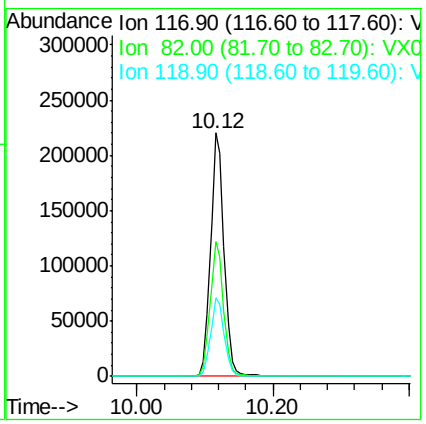


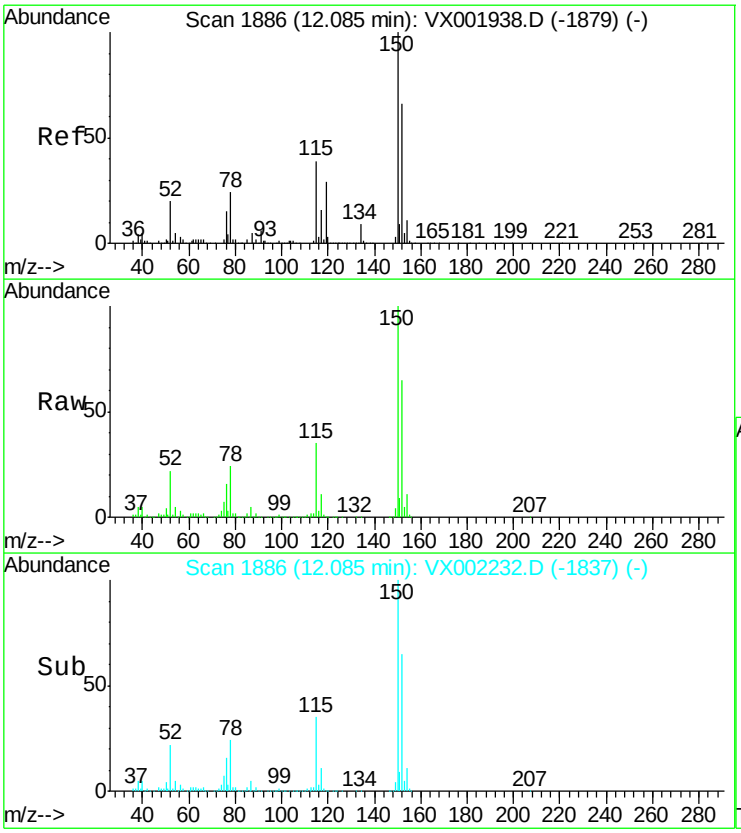
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 302812

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.8	67.2
119	32.0	25.5	38.3

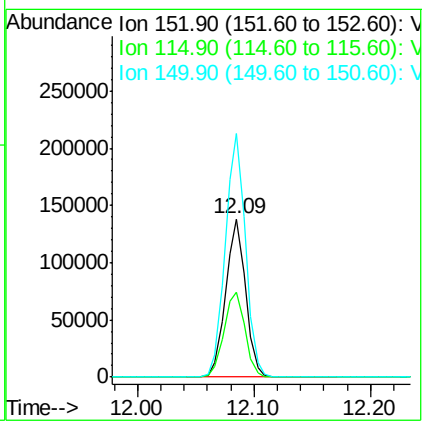


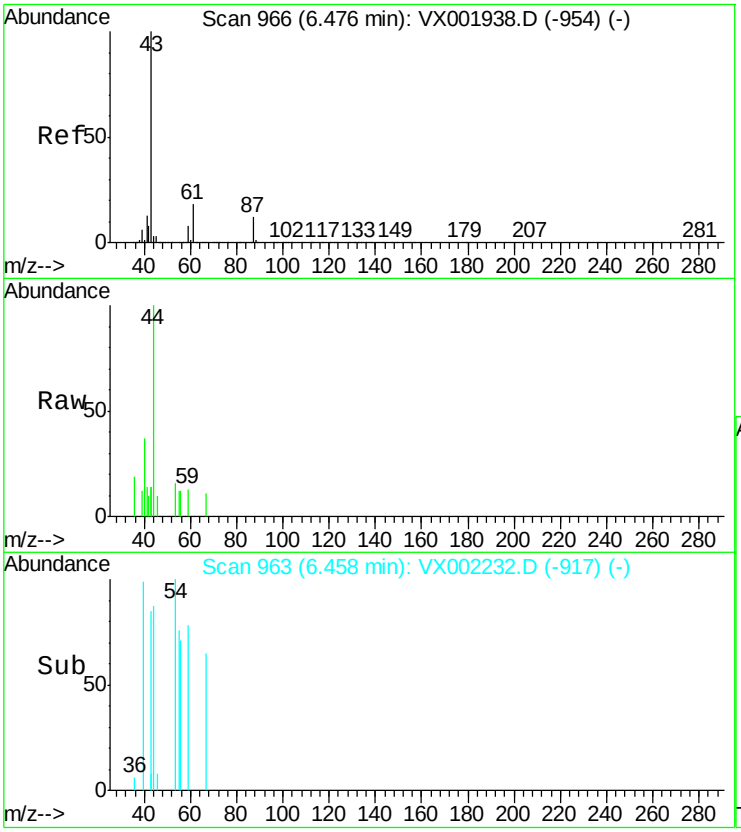


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion:152 Resp: 163302

Ion	Ratio	Lower	Upper
152	100		
115	56.3	42.3	126.8
150	156.5	0.0	351.0



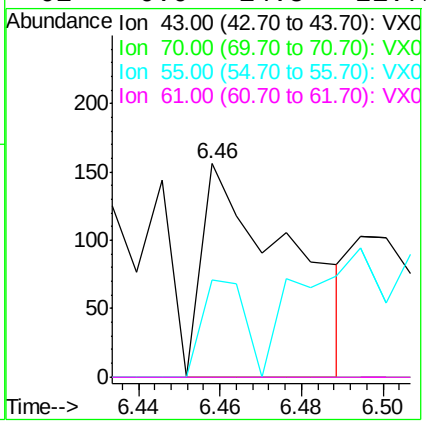


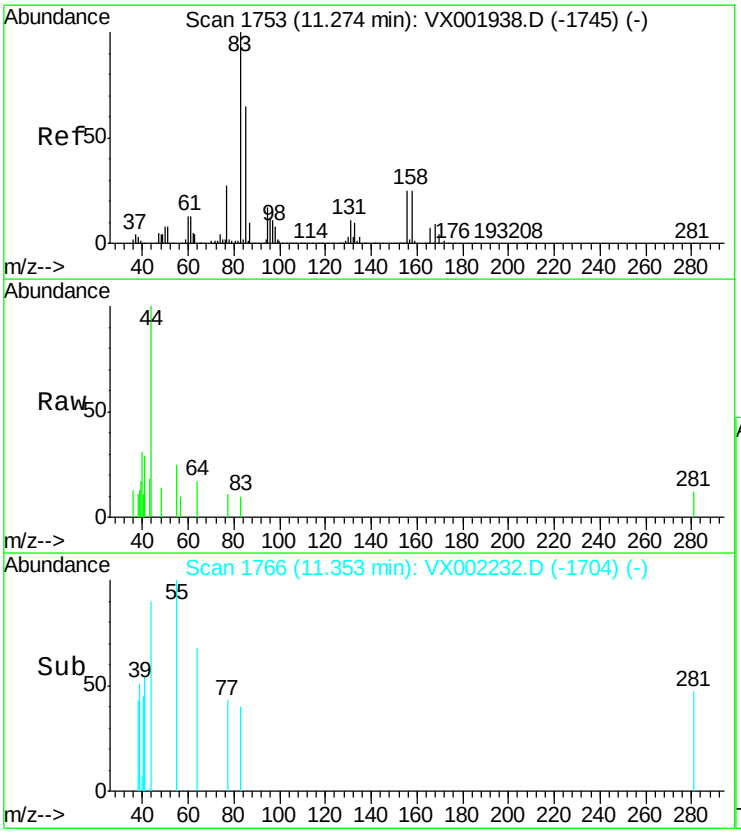
#74
N-amyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 963
Delta R.T. -0.02 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 233

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	21.9	0.1	0.1#
61	0.0	14.5	21.7#

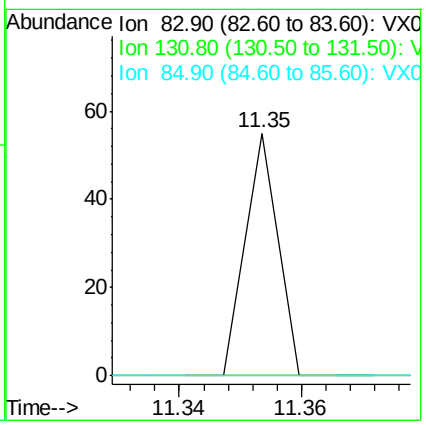


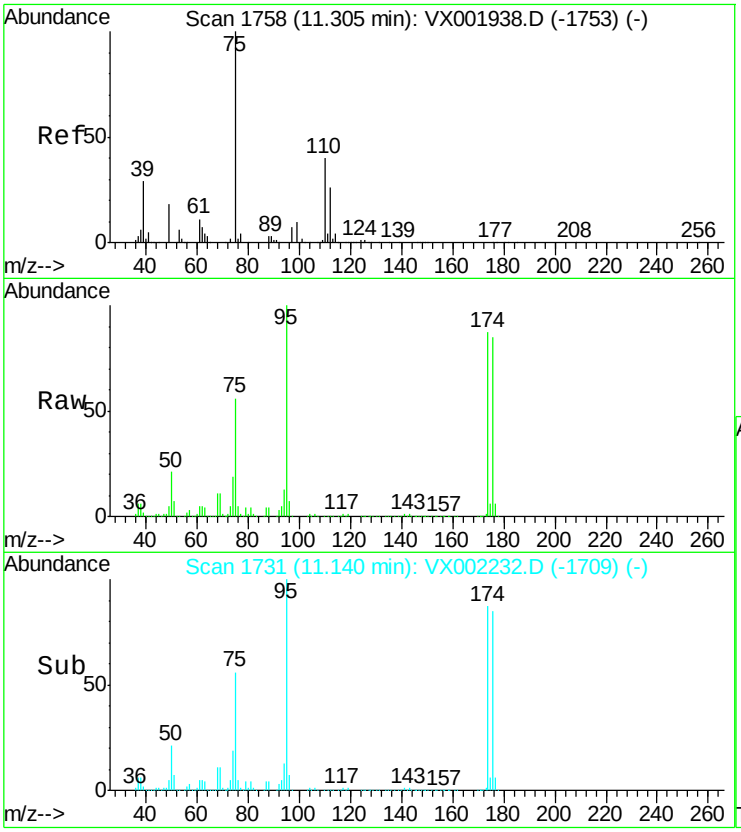


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.35 min Scan# 1766
Delta R.T. 0.08 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 83 Resp: 20

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



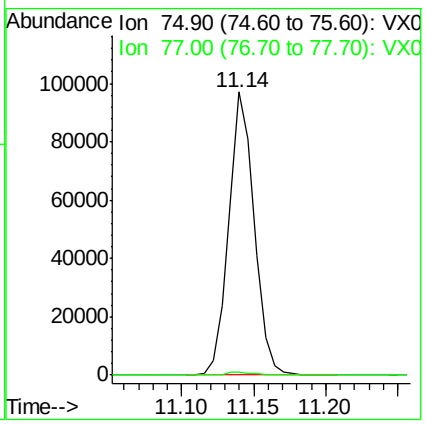


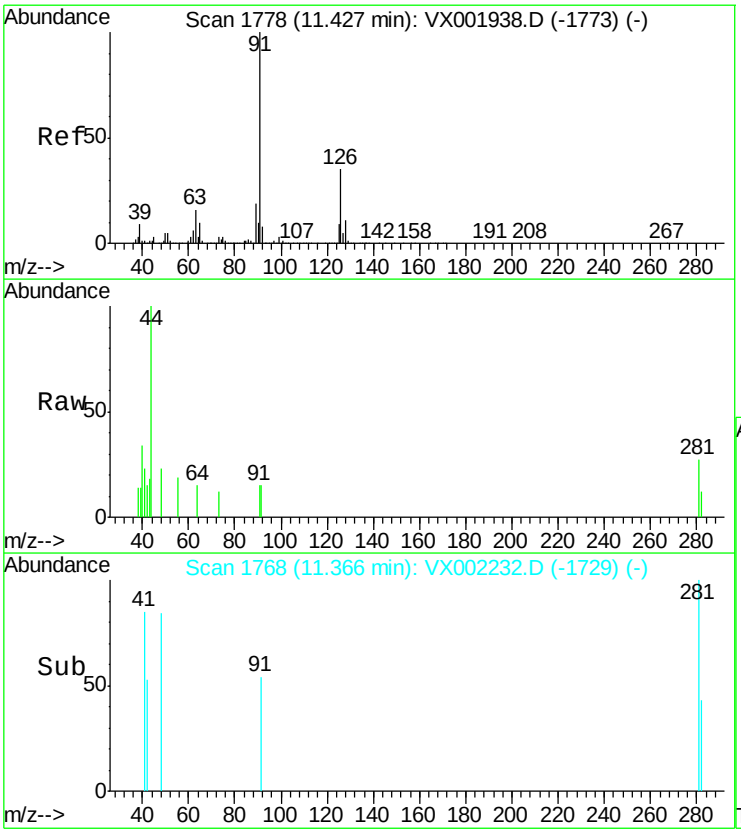
#76
1,2,3-Trichloropropane
Concen: 30.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 121201

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

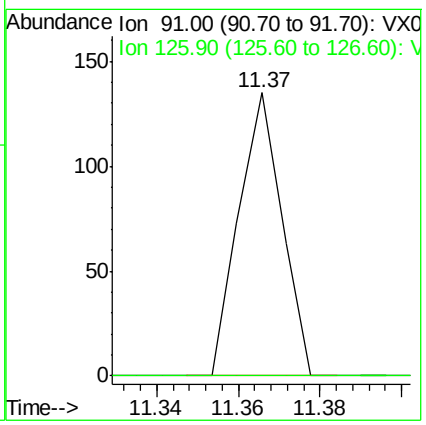


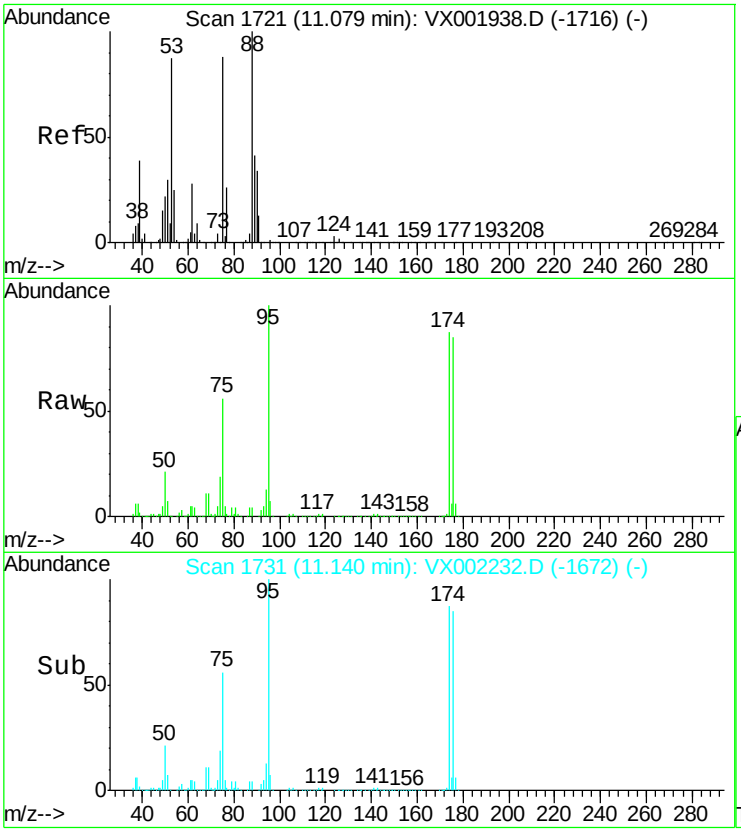


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.37 min Scan# 1768
Delta R.T. -0.06 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Tgt Ion: 91 Resp: 99

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002232.D
Acq: 02 Jun 2018 00:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 121201

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