Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053118\
Data File : VX002188.D
Acq On : 31 May 2018 20:50
Operator : JC/MD
Sample : J3118-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 01 03:26:41 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	264440	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	382879	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	348010	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191385	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	244051	51.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.26%				
35) Dibromofluoromethane	5.51	113	178573	46.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.28%				
50) Toluene-d8	8.72	98	706705	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
62) 4-Bromofluorobenzene	11.14	95	250007	46.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	226	Below Cal			92
3) Chloromethane	1.32	50	1291	0.32	ug/l		93
5) Bromomethane	1.65	94	1345	Below Cal			99
10) Methyl Iodide	2.52	142	2580	0.58	ug/l	#	97
12) 1,1-Dichloroethene	2.38	96	1039	0.34	ug/l		88
13) Acrolein	2.28	56	277	0.69	ug/l	#	49
15) Acrylonitrile	3.16	53	403	0.21	ug/l	#	50
16) Acetone	2.45	43	1835	1.01	ug/l		92
18) Methyl Acetate	2.78	43	503	Below Cal		#	66
20) Methylene Chloride	2.86	84	904	Below Cal		#	69
21) trans-1,2-Dichloroethene	3.17	96	820	Below Cal		#	81
27) cis-1,2-Dichloroethene	4.60	96	16221	4.04	ug/l		88
28) Bromochloromethane	5.00	49	25	Below Cal		#	14
31) Cyclohexane	5.66	56	6105	0.94	ug/l	#	26
36) 1,1-Dichloropropene	5.67	75	19353	3.63	ug/l	#	51
38) Carbon Tetrachloride	5.68	117	25294	4.07	ug/l	#	15
41) Methacrylonitrile	5.06	41	105	Below Cal		#	49
44) Trichloroethene	7.22	130	45195	9.94	ug/l		96
55) 1,1,2-Trichloroethane	9.22	97	1180	0.28	ug/l	#	86
60) Dibromochloromethane	9.34	129	7288	1.48	ug/l	#	11
64) Tetrachloroethene	9.34	164	8264	1.66	ug/l		95
74) N-amyl acetate	6.47	43	90	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.24	83	51	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	133692	29.08	ug/l	#	32
79) 2-Chlorotoluene	11.52	91	533	Below Cal			83
81) trans-1,4-Dichloro-2-buten	11.14	75	133692	69.90	ug/l	#	10

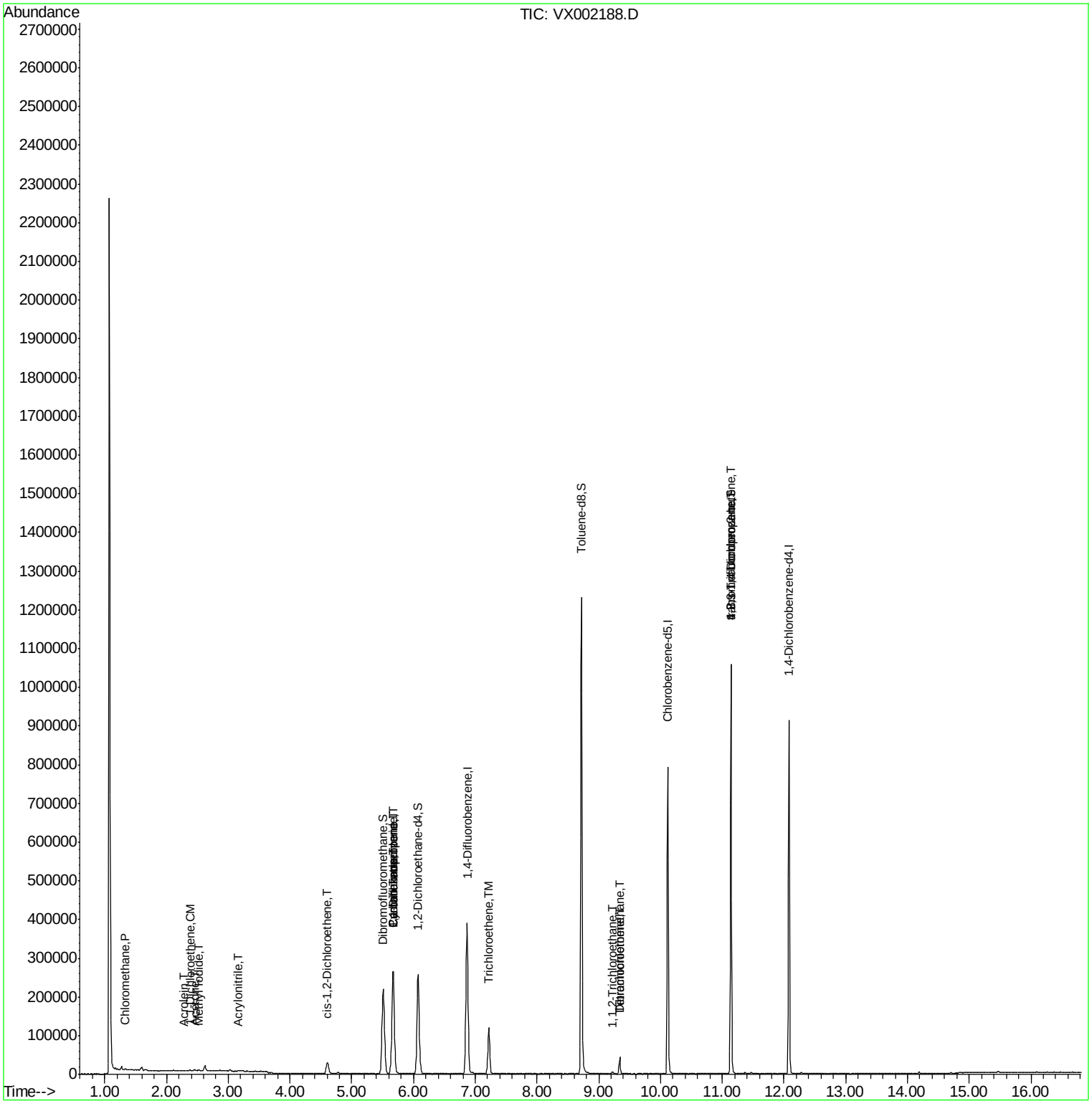
(#) = qualifier out of range (m) = manual integration (+) = signals summed

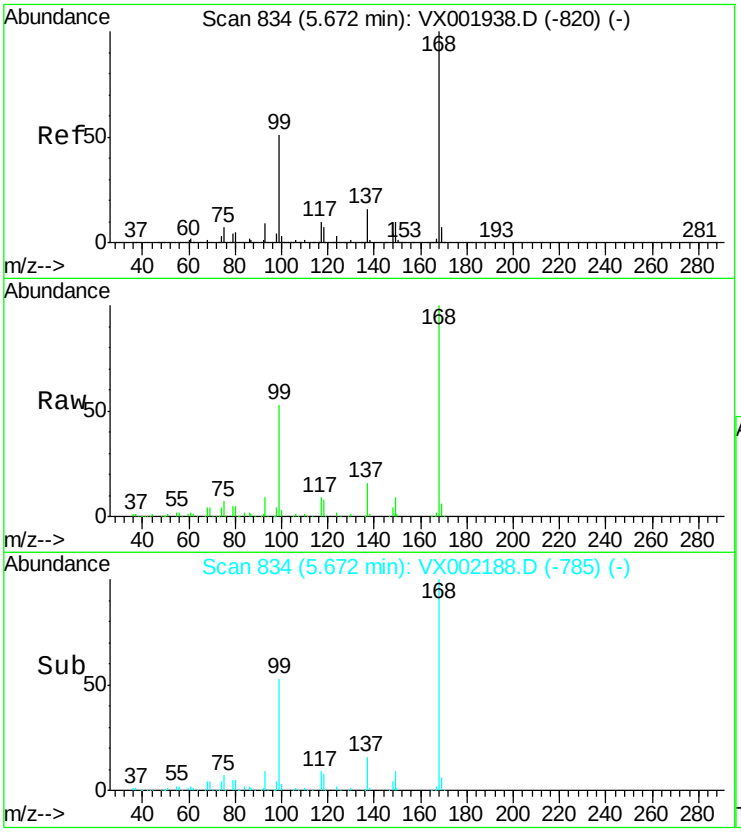
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002188.D
Acq On : 31 May 2018 20:50
Operator : JC/MD
Sample : J3118-20
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 01 03:26:41 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



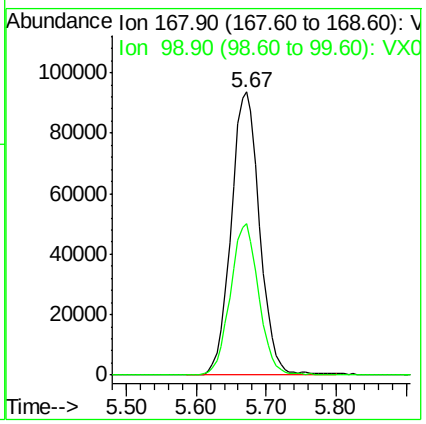


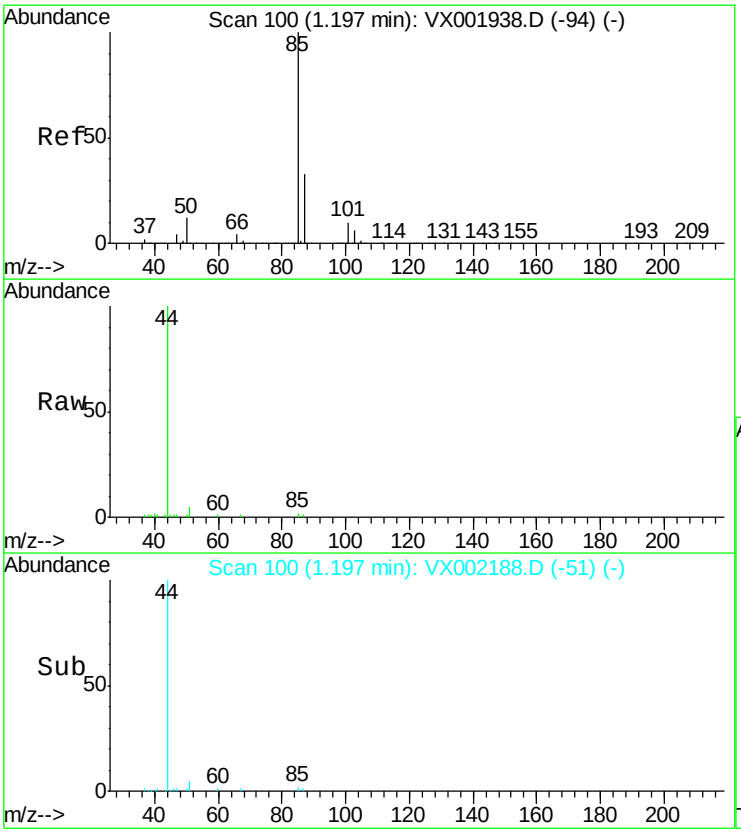
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 264440

Ion	Ratio	Lower	Upper
168	100		
99	53.4	41.0	61.4

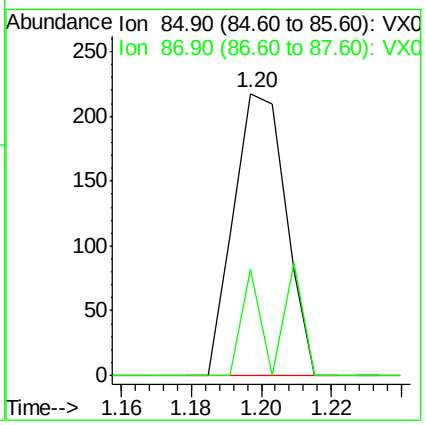


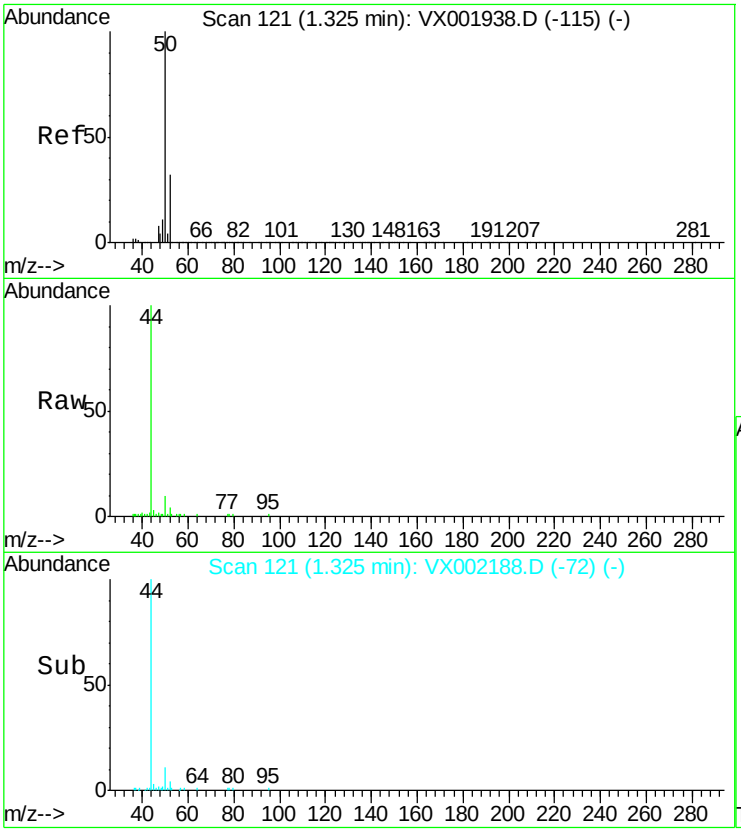


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 85 Resp: 226

Ion	Ratio	Lower	Upper
85	100		
87	37.6	16.7	50.0



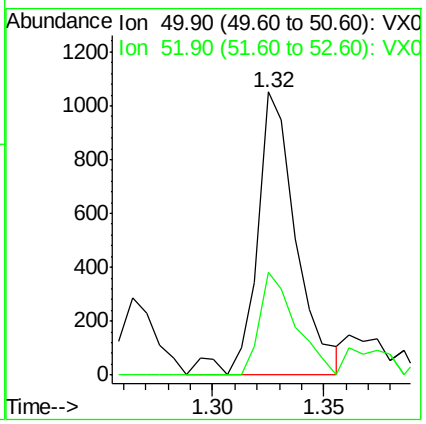


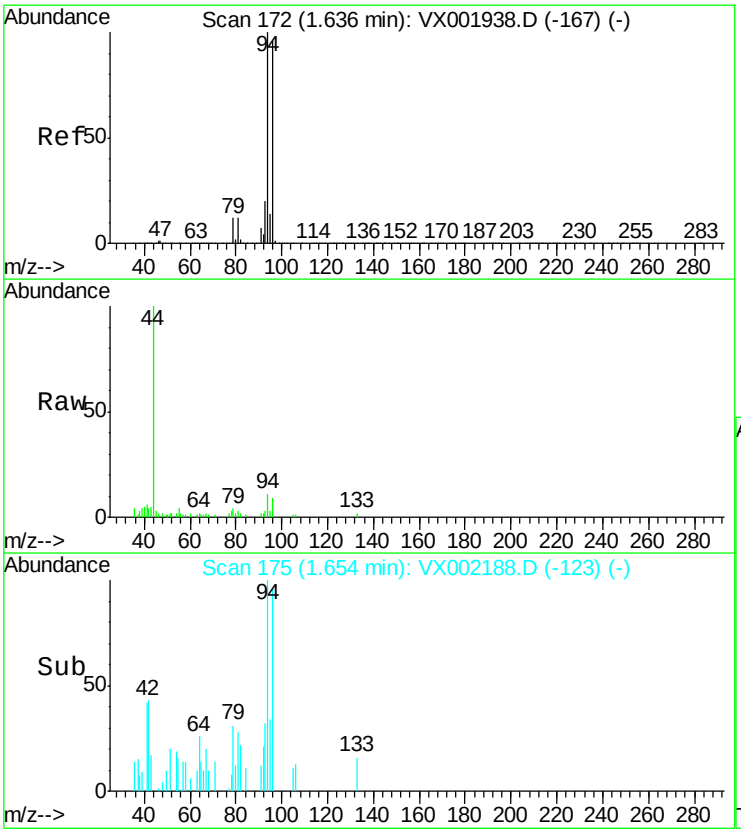
#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1291

Ion	Ratio	Lower	Upper
50	100		
52	36.2	26.0	39.0

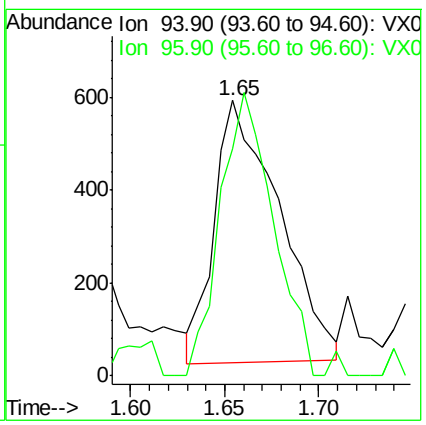


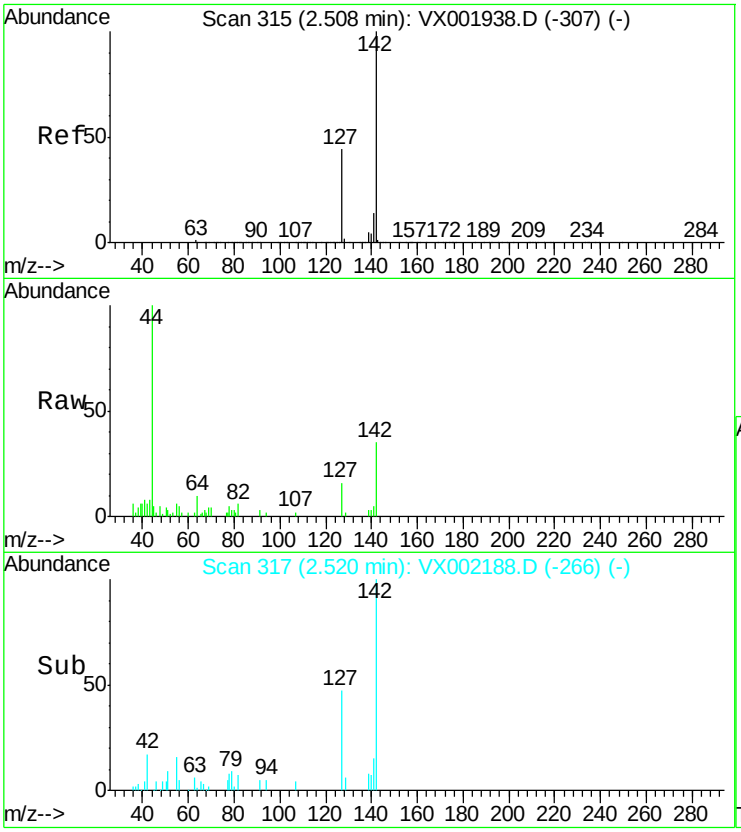


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 94 Resp: 1345

Ion	Ratio	Lower	Upper
94	100		
96	94.4	75.9	113.9



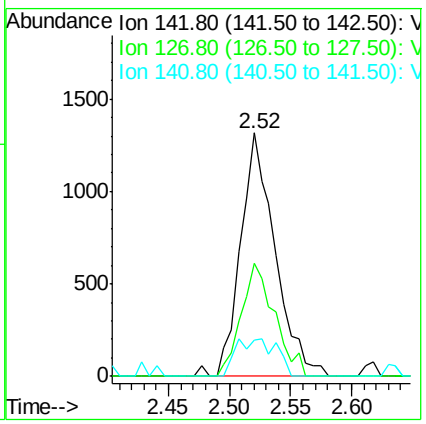


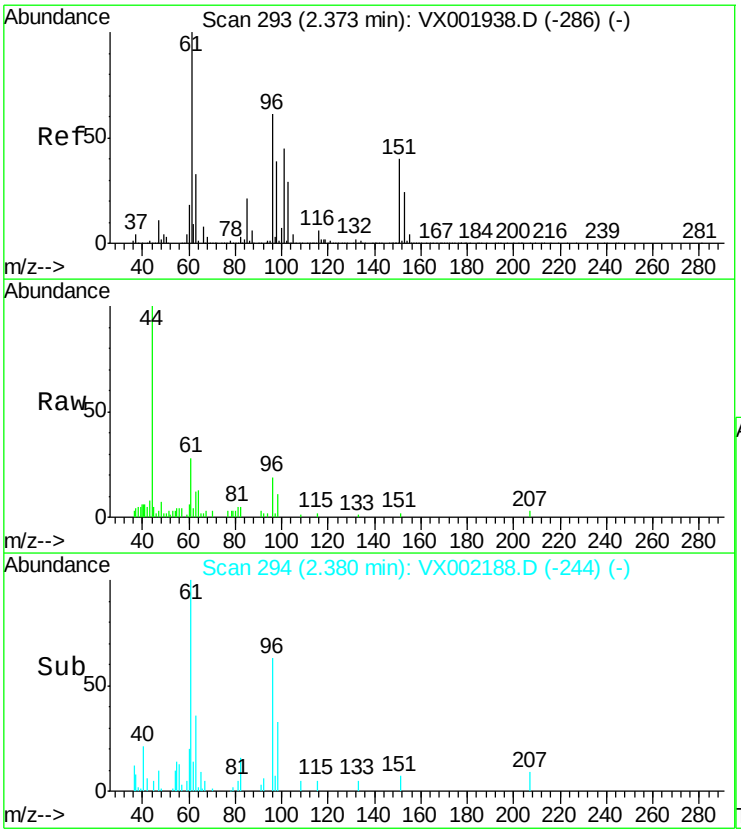
#10
Methyl Iodide
Concen: 0.58 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 2580

Ion	Ratio	Lower	Upper
142	100		
127	44.7	35.5	53.3
141	17.8	11.3	16.9#

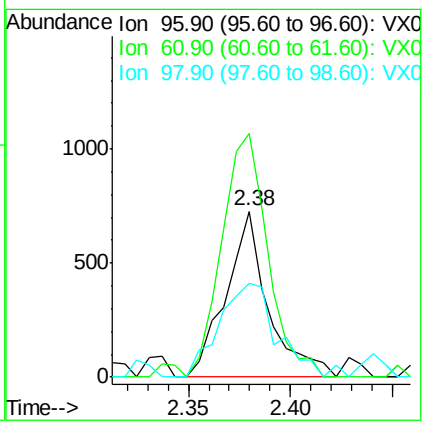


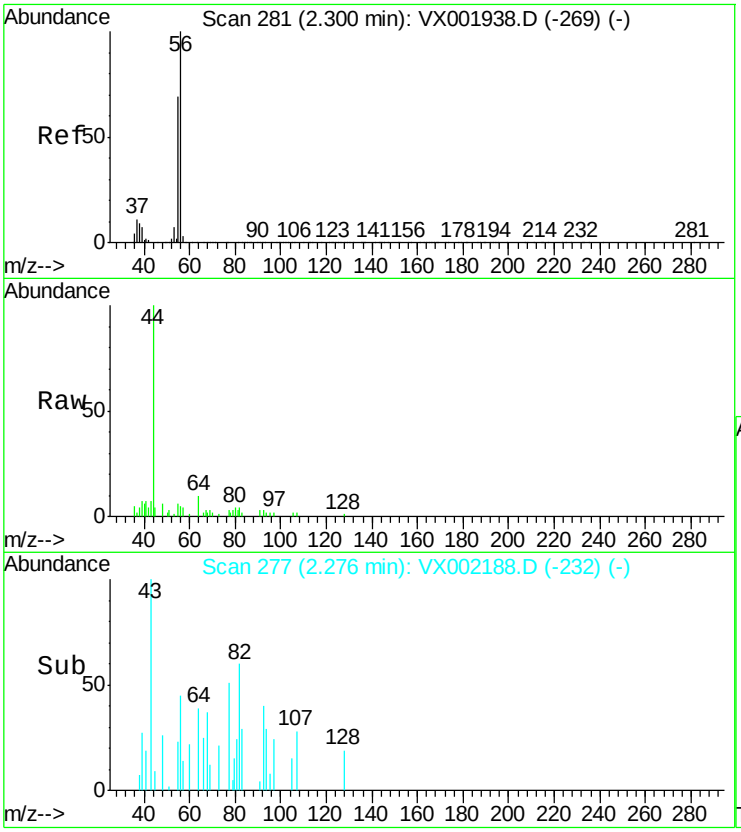


#12
1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 96 Resp: 1039

Ion	Ratio	Lower	Upper
96	100		
61	146.6	131.7	197.5
98	56.7	51.6	77.4



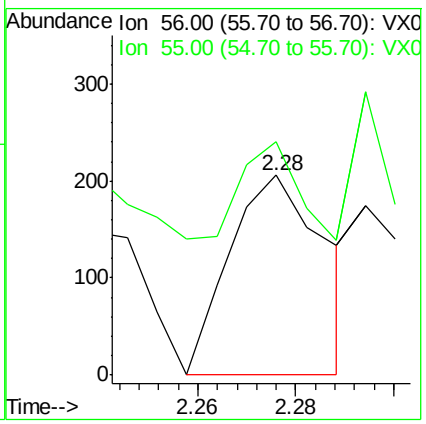


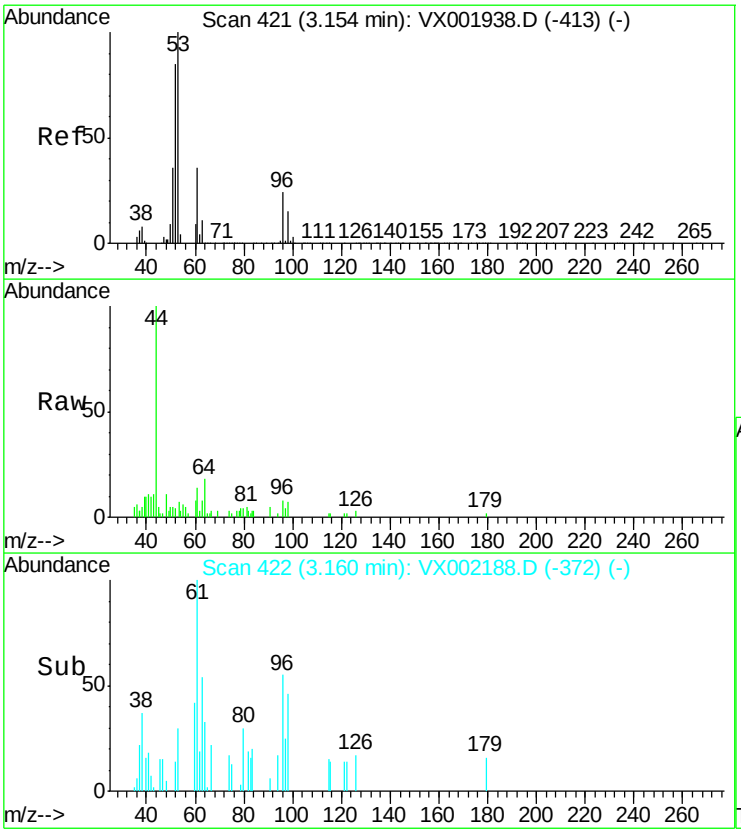
#13
Acrolein
Concen: 0.69 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 277

Ion	Ratio	Lower	Upper
56	100		
55	28.5	56.8	85.2#

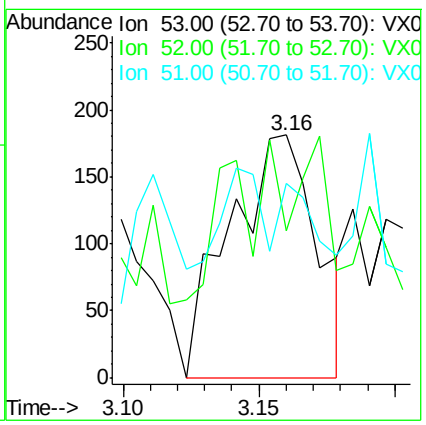


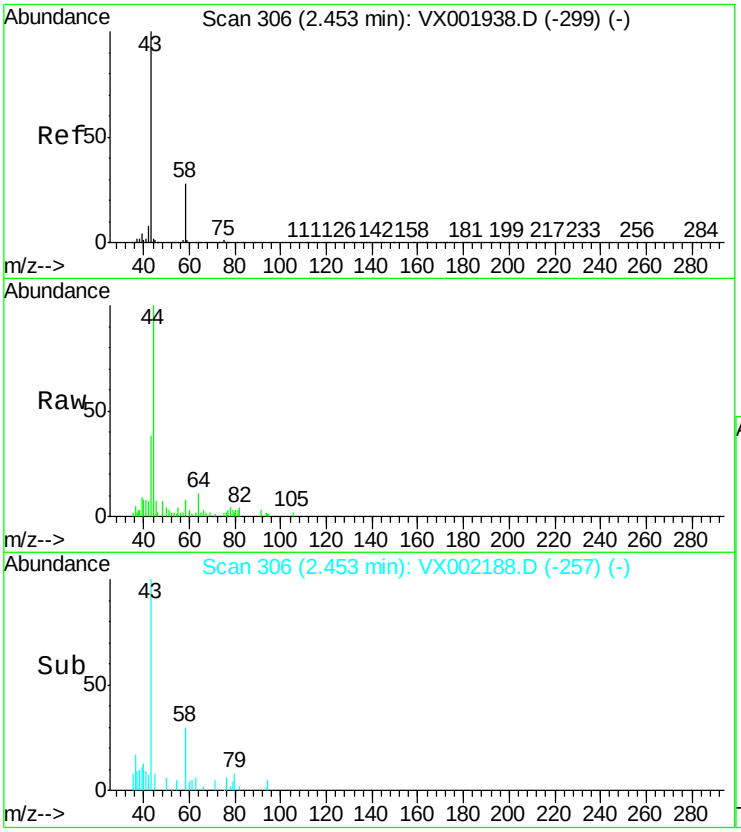


#15
Acrylonitrile
Concen: 0.21 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 53 Resp: 403

Ion	Ratio	Lower	Upper
53	100		
52	22.6	66.4	99.6#
51	30.3	29.3	43.9



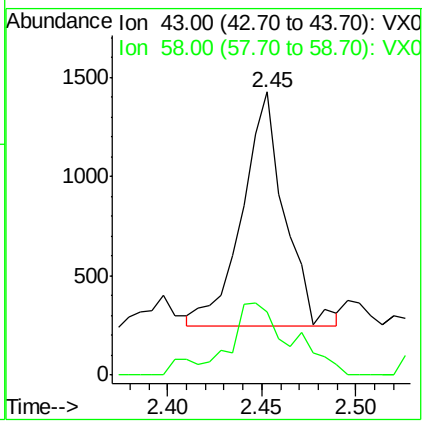


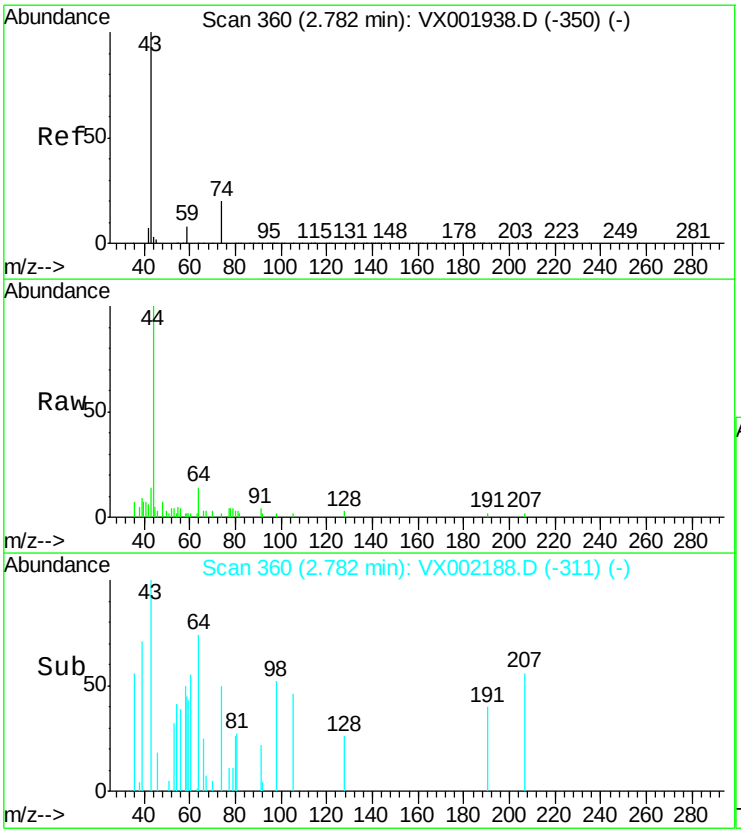
#16
Acetone
Concen: 1.01 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1835

Ion	Ratio	Lower	Upper
43	100		
58	23.6	22.3	33.5

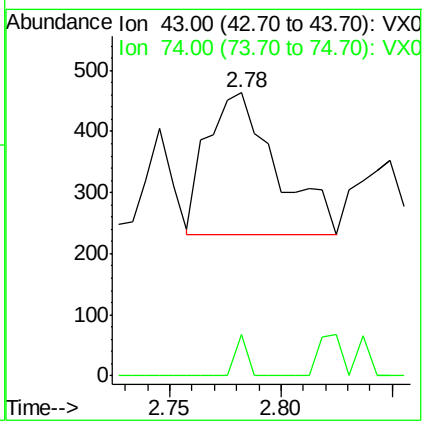


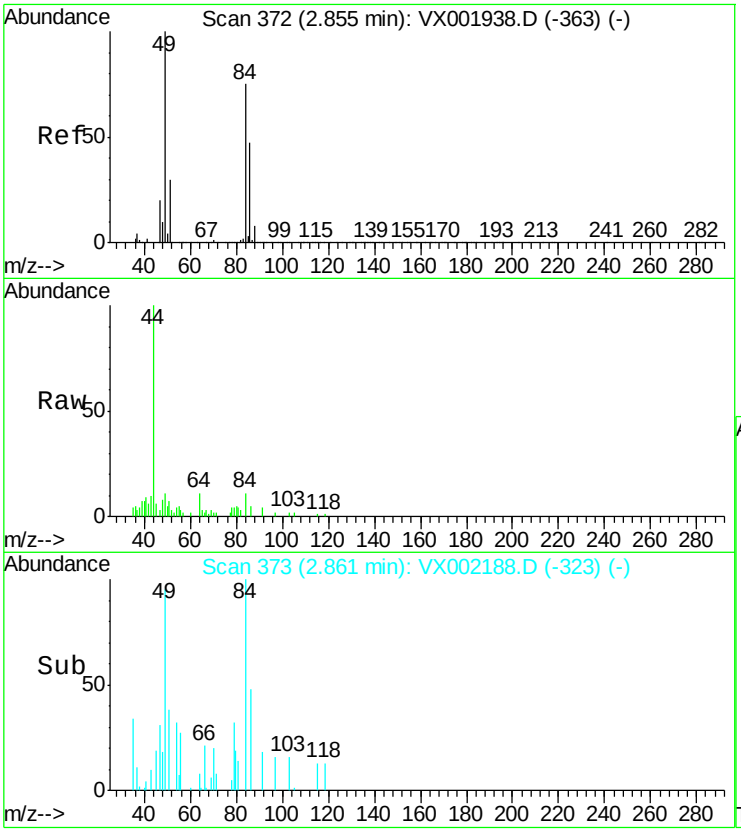


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
74	5.0	16.8	25.2#



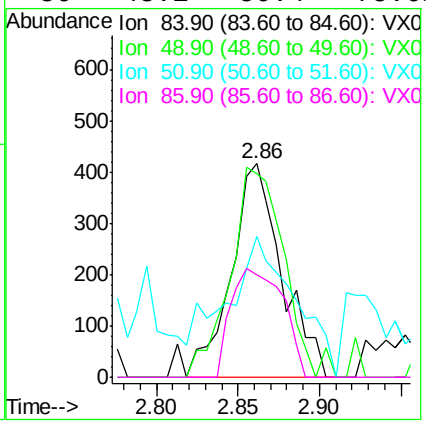


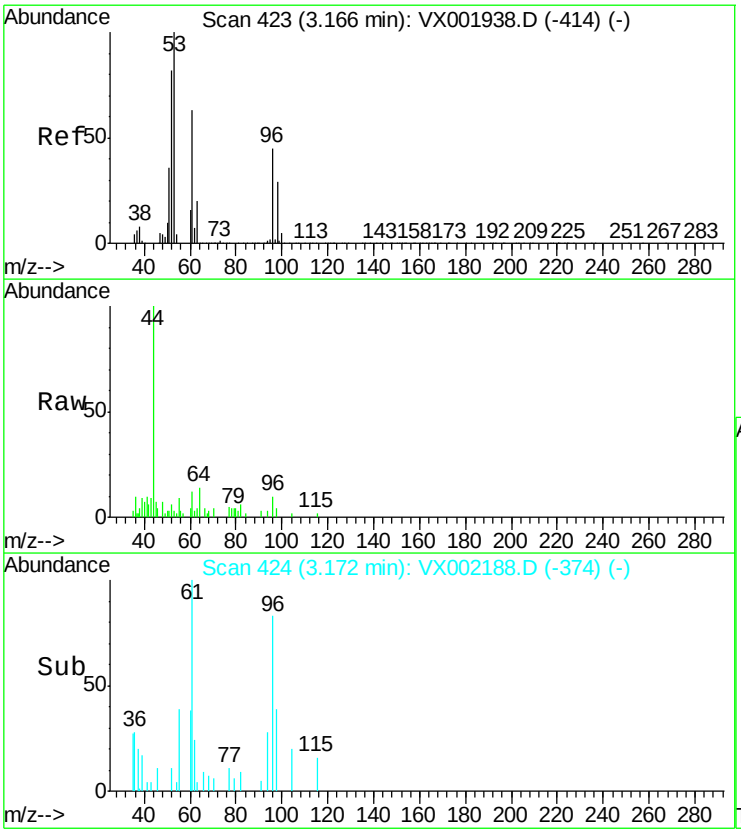
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 904

Ion	Ratio	Lower	Upper
84	100		
49	95.2	107.2	160.8#
51	65.9	32.4	48.6#
86	48.1	50.4	75.6#

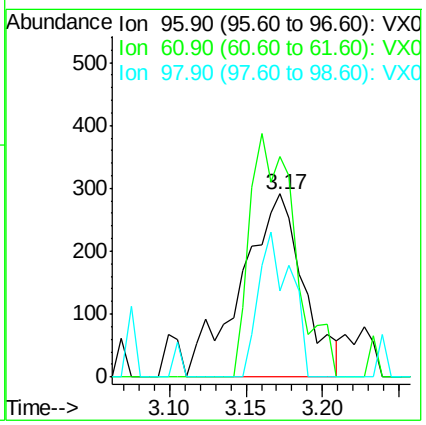


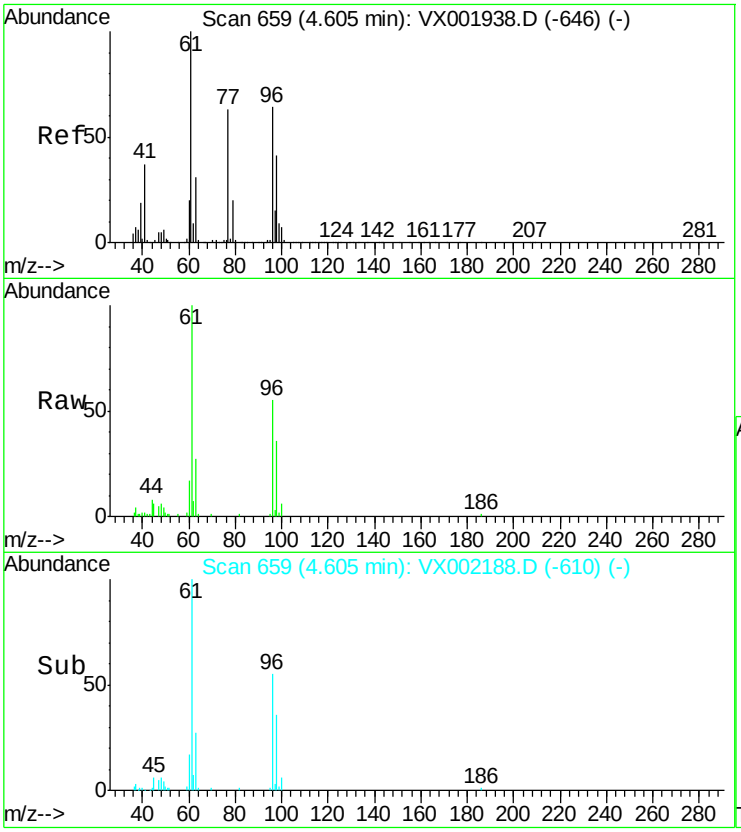


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 96 Resp: 820

Ion	Ratio	Lower	Upper
96	100		
61	120.6	113.3	169.9
98	47.1	51.7	77.5#



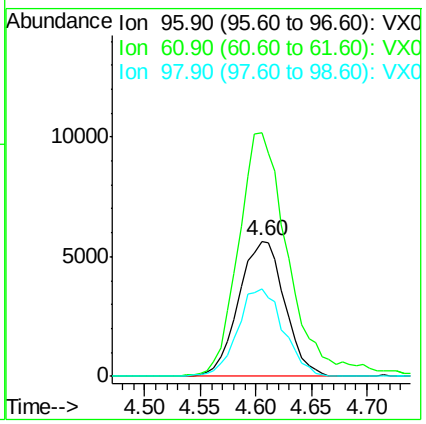


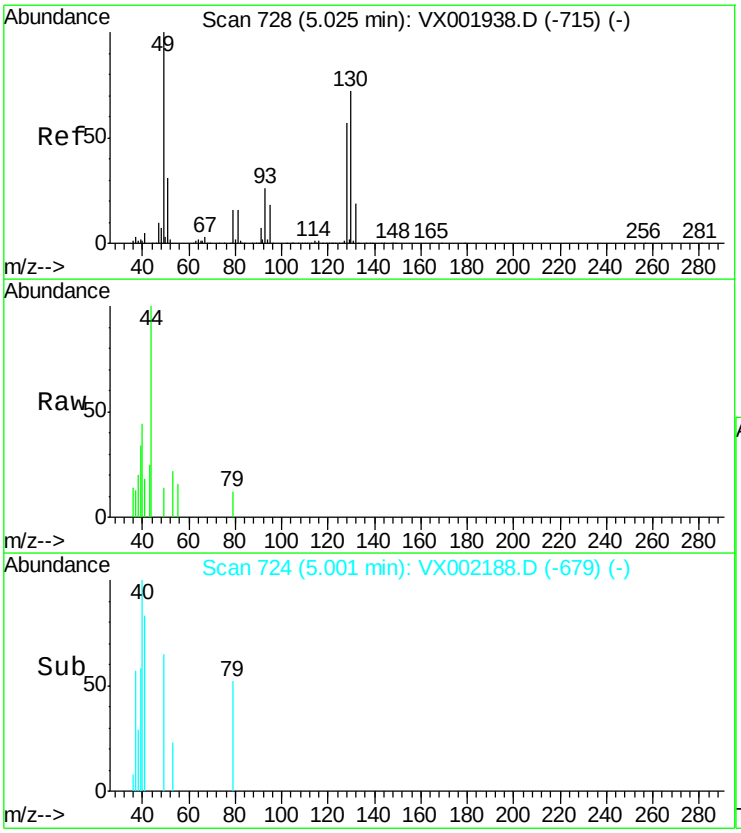
#27
cis-1,2-Dichloroethene
Concen: 4.04 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 16221

Ion	Ratio	Lower	Upper
96	100		
61	197.3	0.0	348.4
98	64.6	0.0	128.6

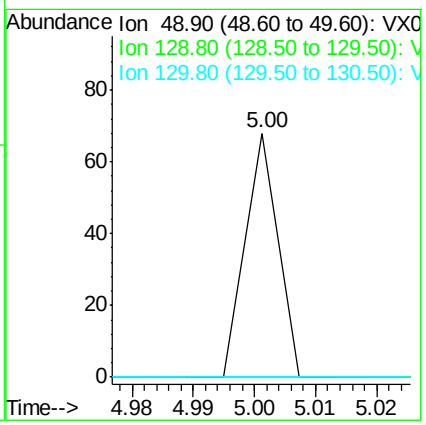


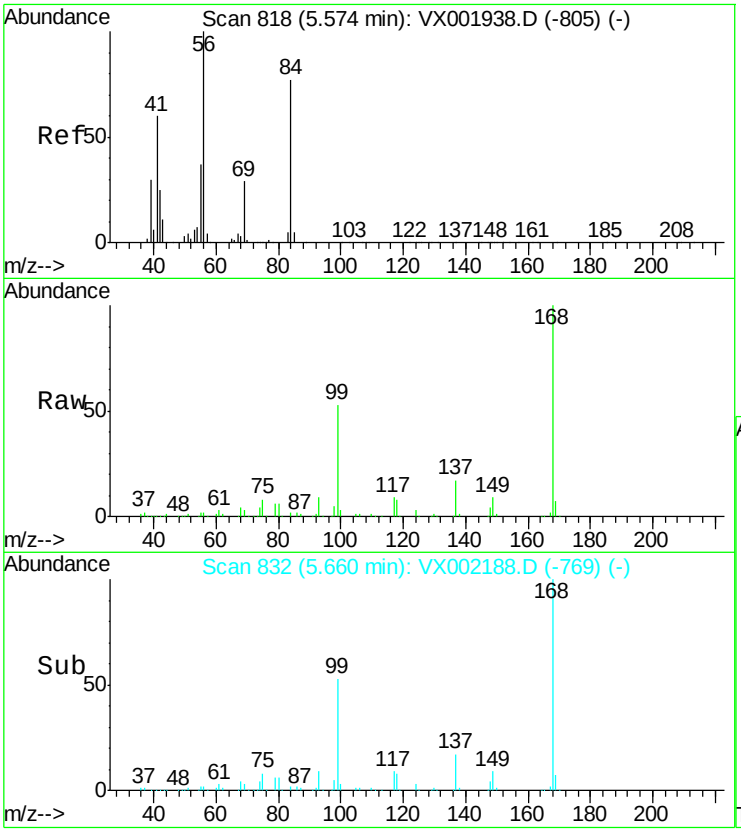


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 724
Delta R.T. -0.02 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 49 Resp: 25

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



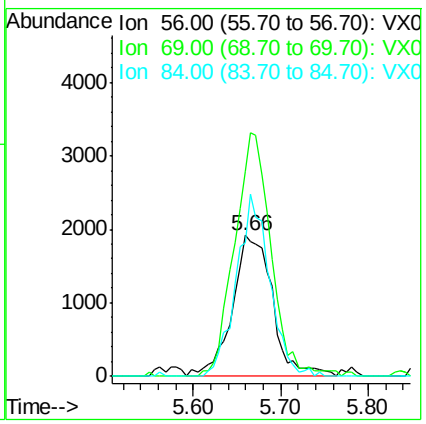


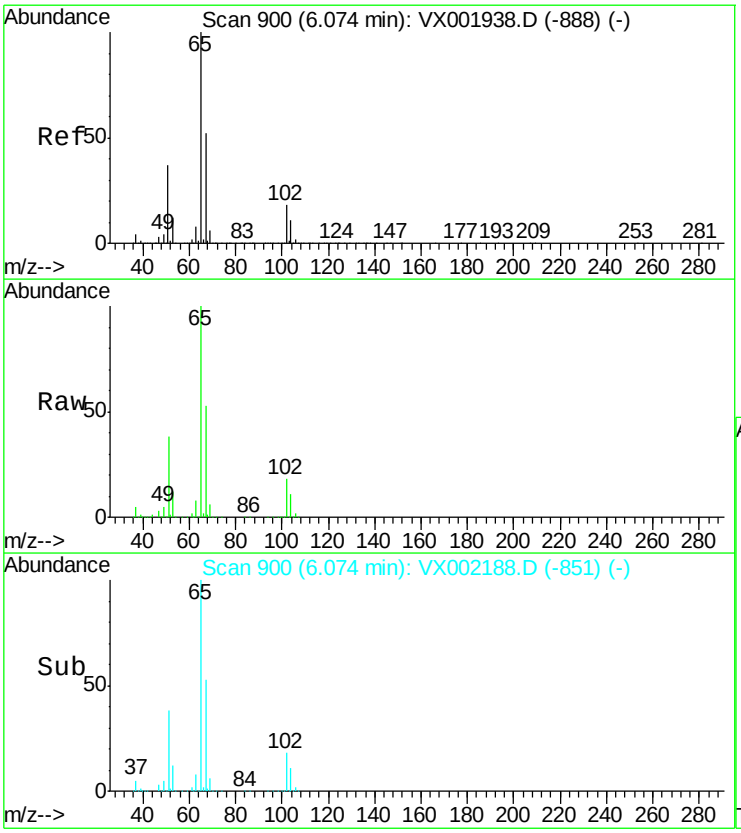
#31
Cyclohexane
Concen: 0.94 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 6105

Ion	Ratio	Lower	Upper
56	100		
69	146.0	23.1	34.7#
84	94.6	62.0	93.0#

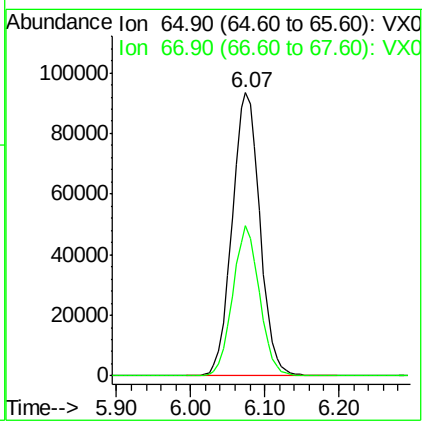


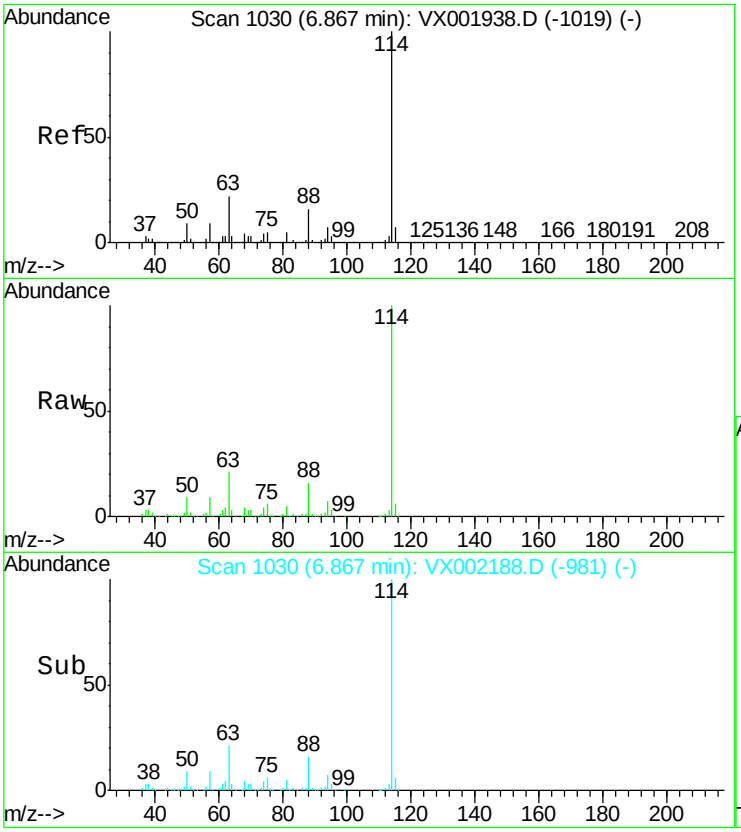


#33
1,2-Dichloroethane-d4
Concen: 51.63 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 65 Resp: 244051

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0



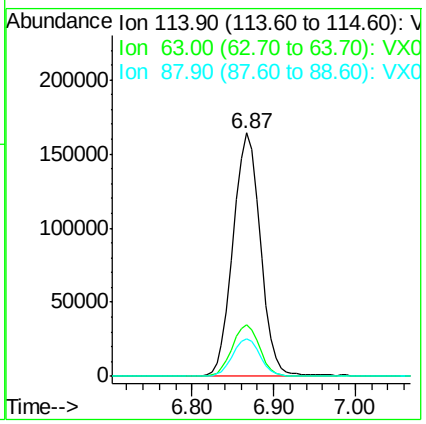


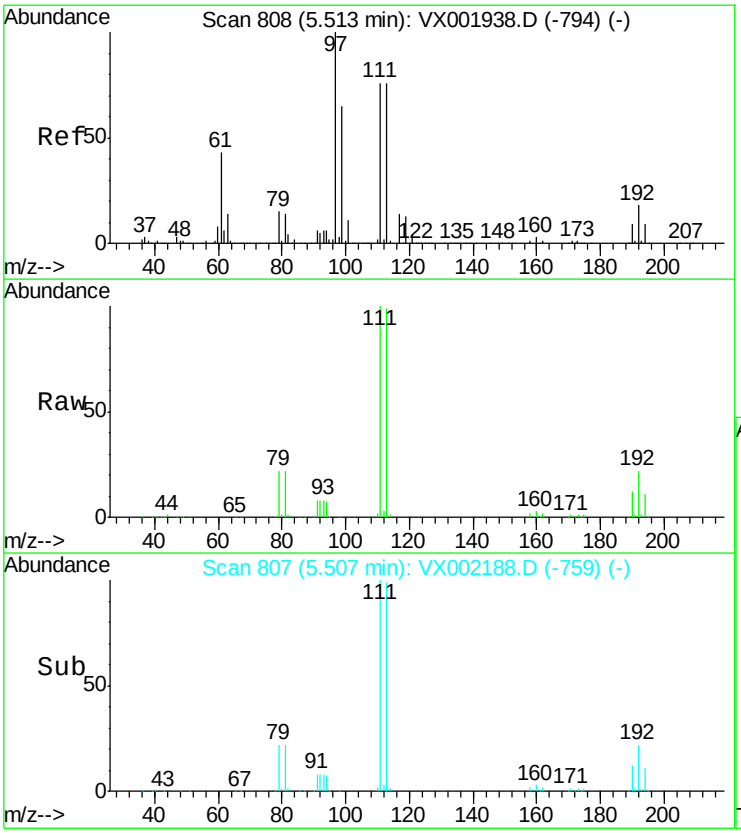
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 382879

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.5	0.0	31.6

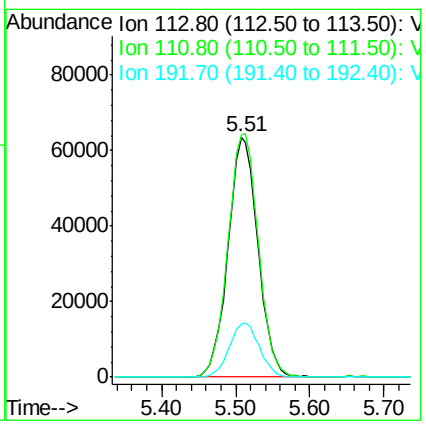


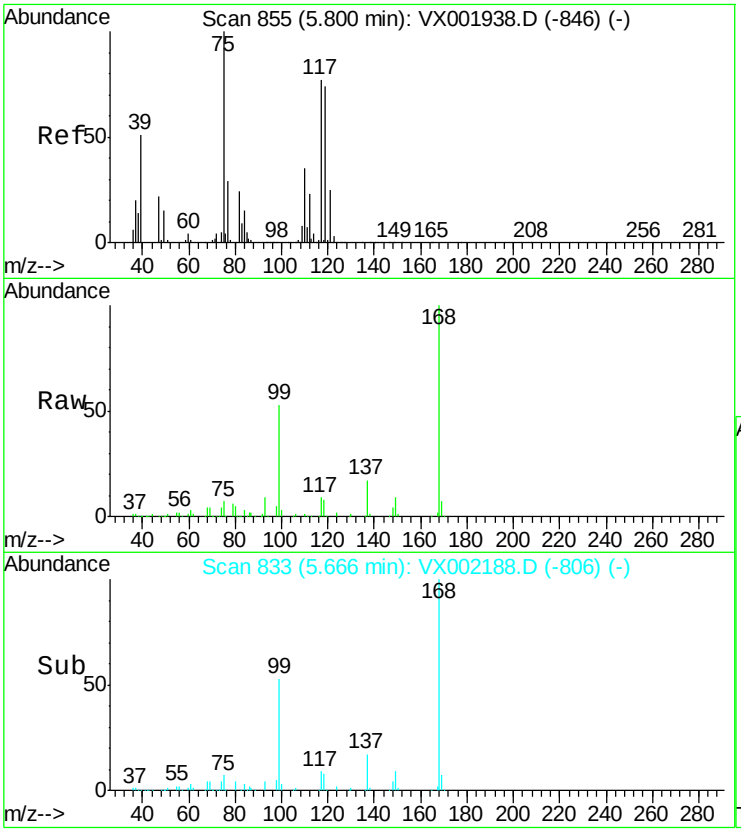


#35
Dibromofluoromethane
Concen: 46.64 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion:113 Resp: 178573

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	22.9	18.9	28.3



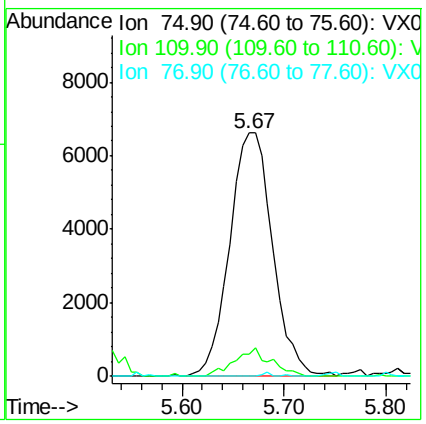


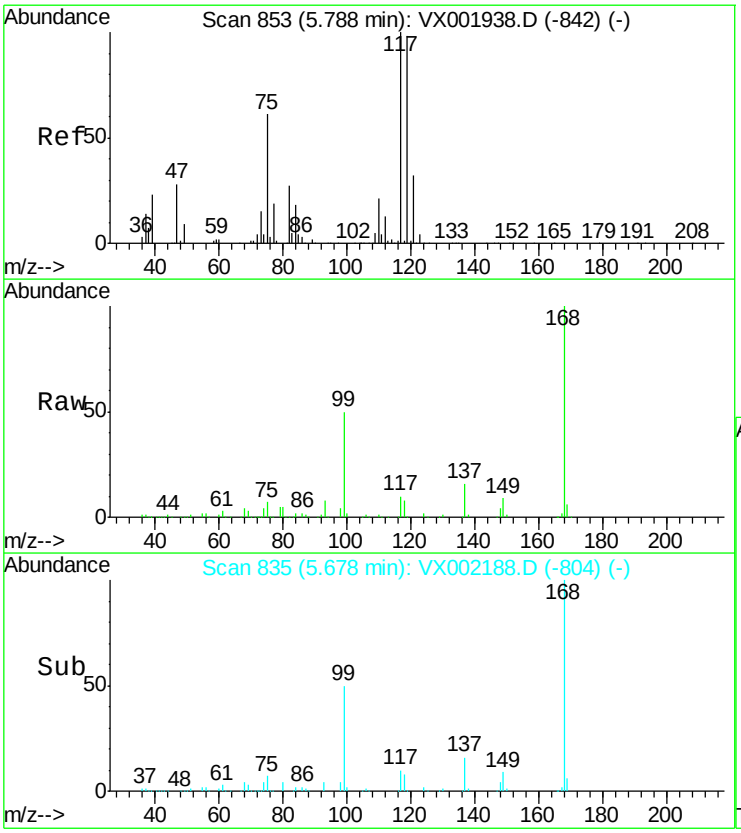
#36
1,1-Dichloropropene
Concen: 3.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 19353

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.4	52.2#
77	0.3	24.4	36.6#

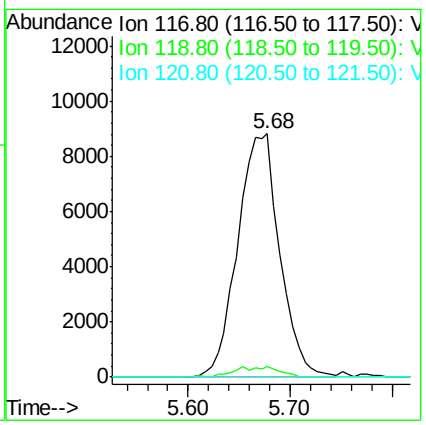


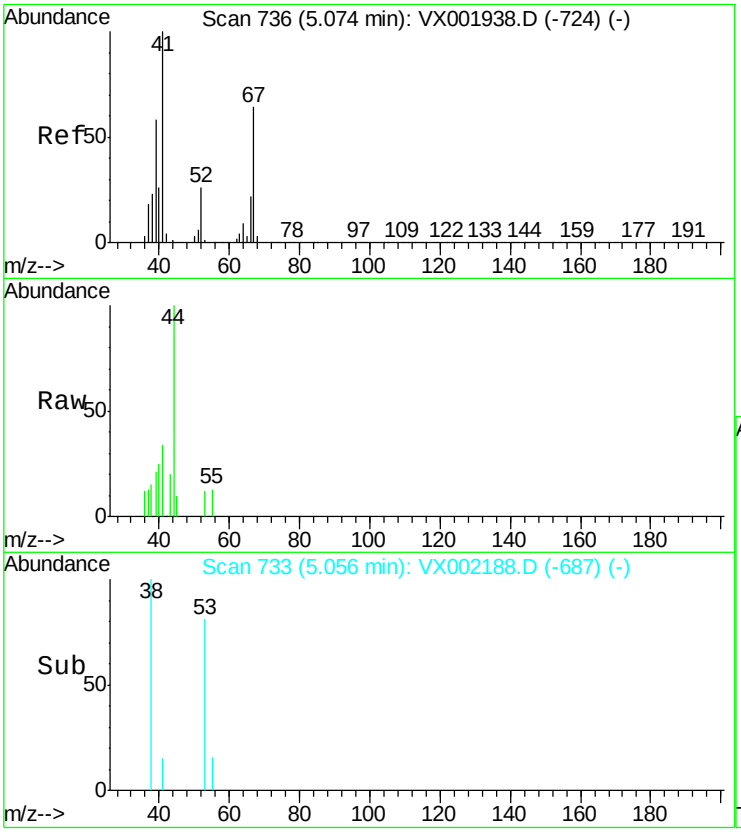


#38
Carbon Tetrachloride
Concen: 4.07 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.11 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion:117 Resp: 25294

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.5	117.7#
121	0.0	25.5	38.3#



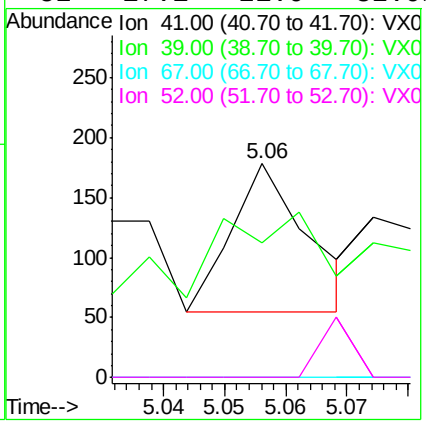


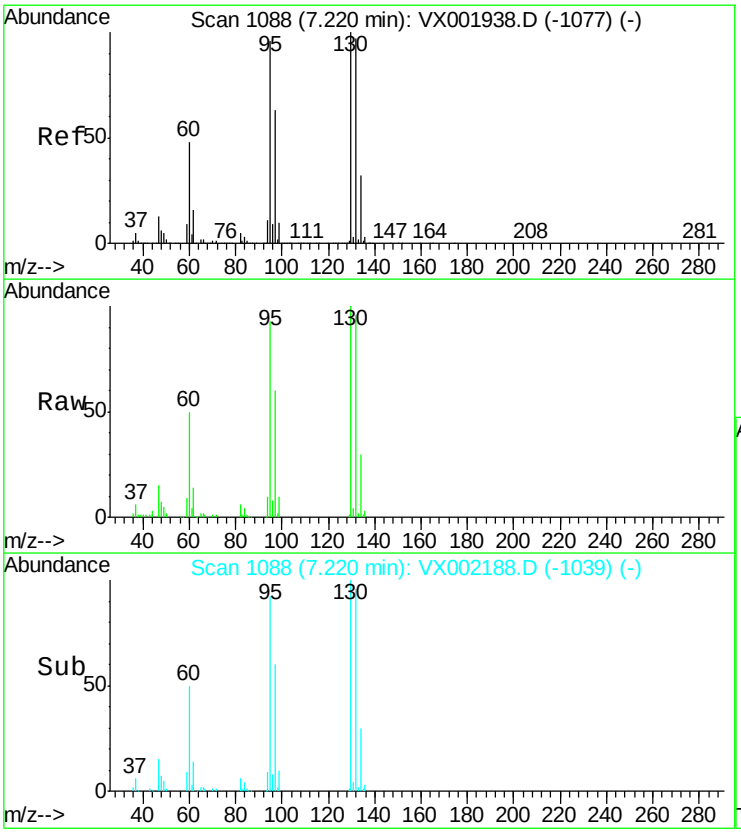
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 105

Ion	Ratio	Lower	Upper
41	100		
39	81.9	46.0	69.0#
67	0.0	50.6	75.8#
52	17.1	21.9	32.9#

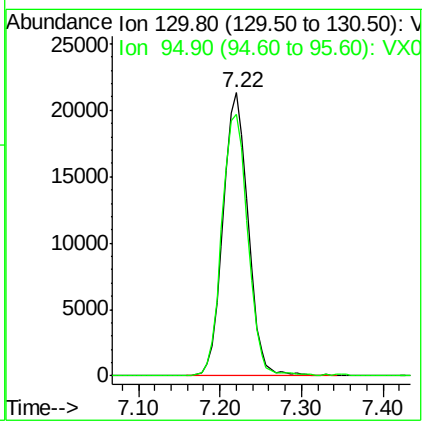


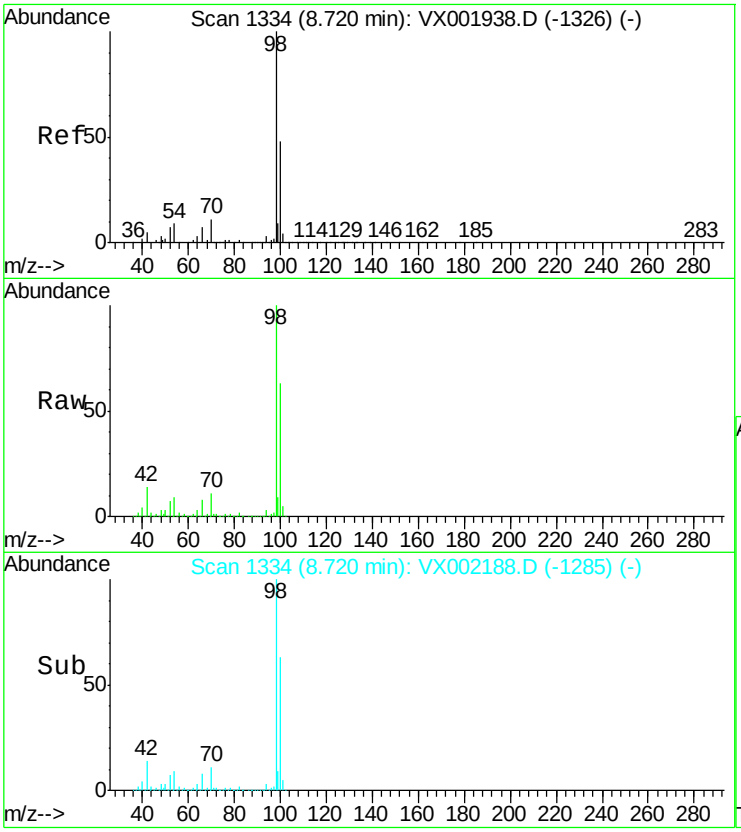


#44
Trichloroethene
Concen: 9.94 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion:130 Resp: 45195

Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	192.0



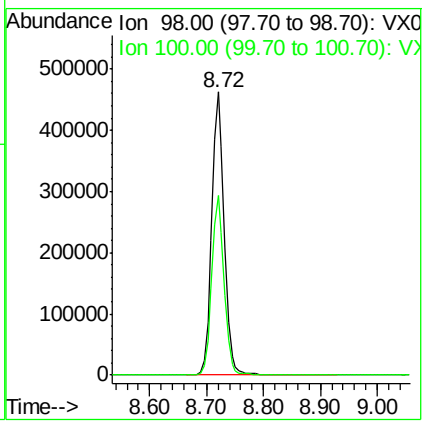


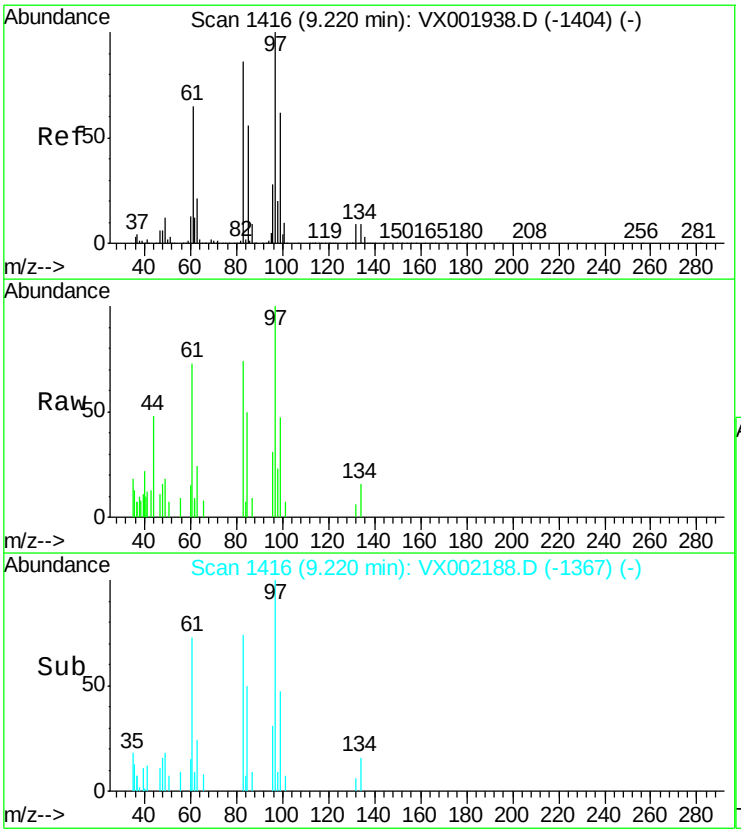
#50
Toluene-d8
Concen: 50.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 706705

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3

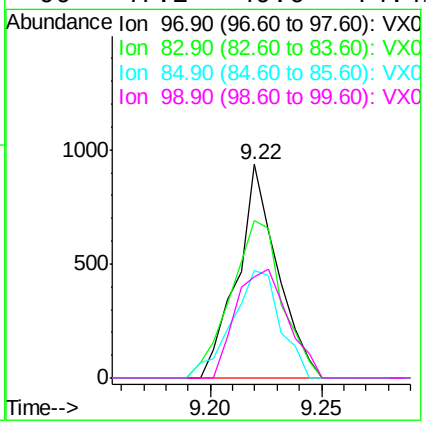


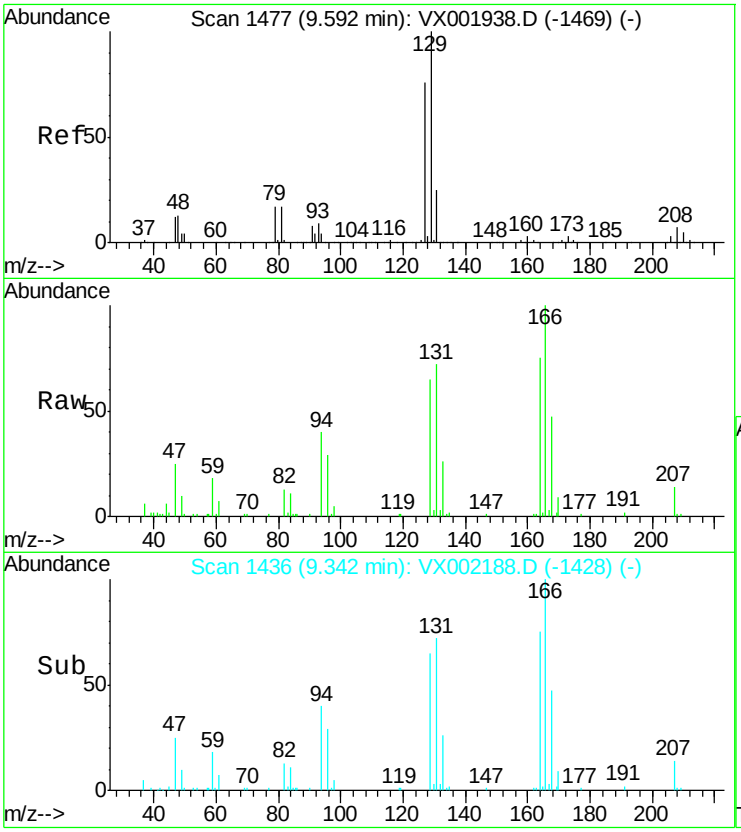


#55
1,1,2-Trichloroethane
Concen: 0.28 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 97 Resp: 1180

Ion	Ratio	Lower	Upper
97	100		
83	73.9	69.1	103.7
85	50.2	45.2	67.8
99	47.2	49.6	74.4#



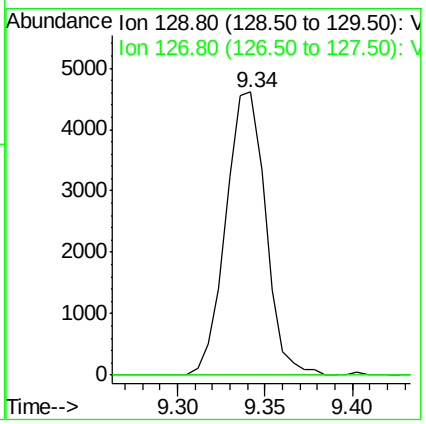


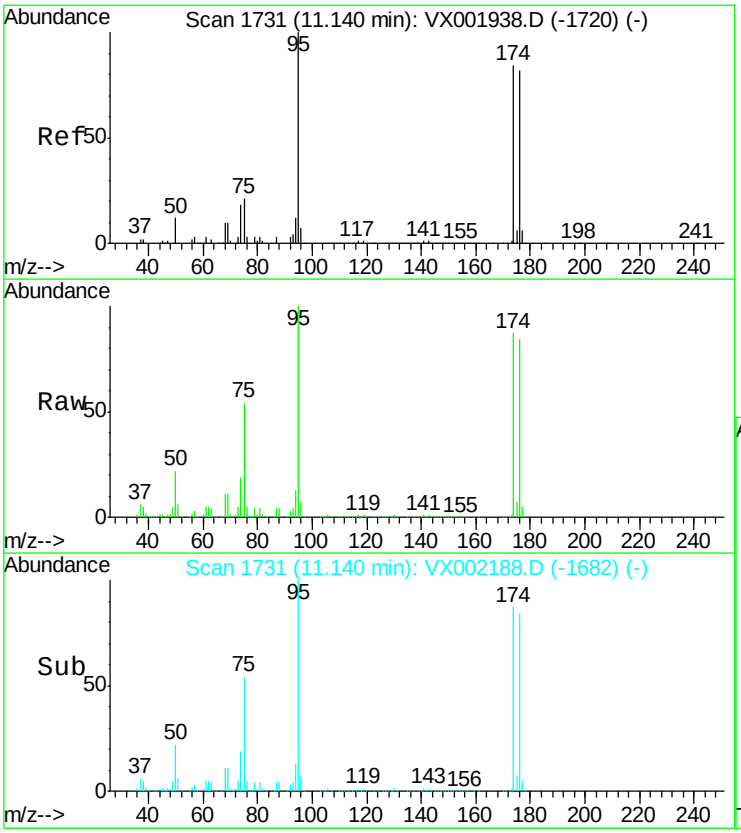
#60
Dibromochloromethane
Concen: 1.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 7288

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#

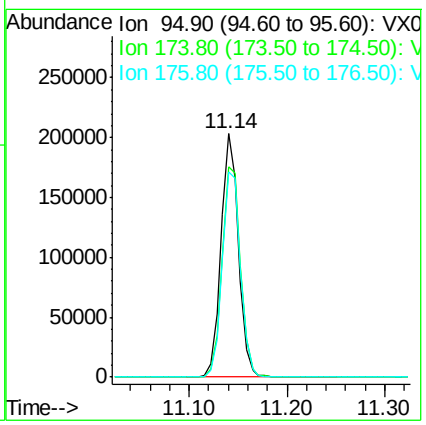


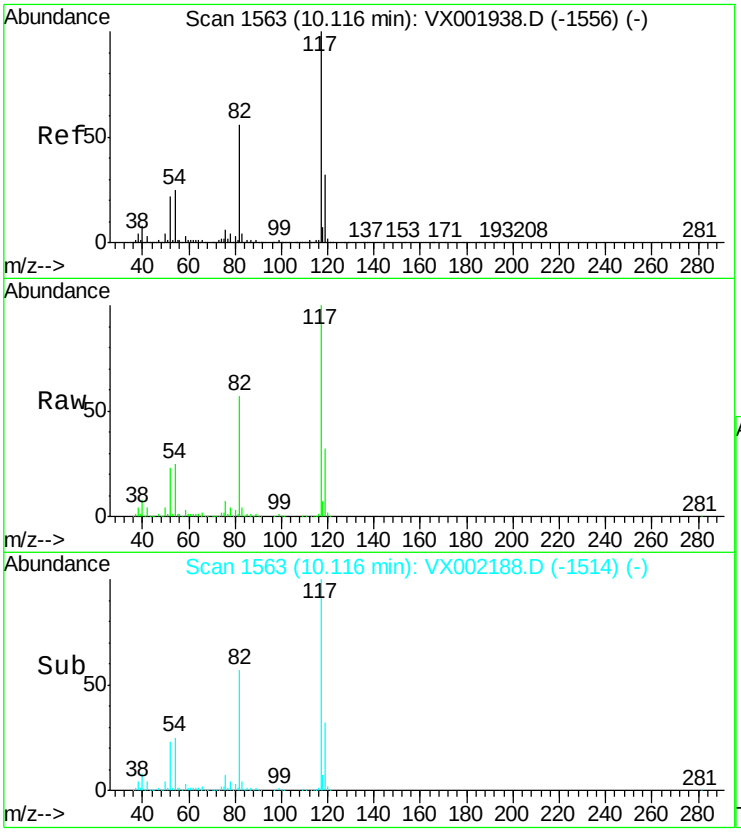


#62
4-Bromofluorobenzene
Concen: 46.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 95 Resp: 250007

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	178.8
176	89.0	0.0	175.6



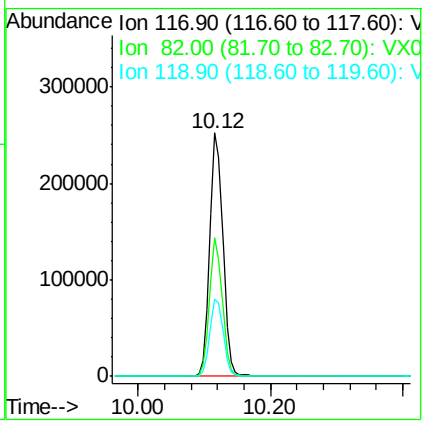


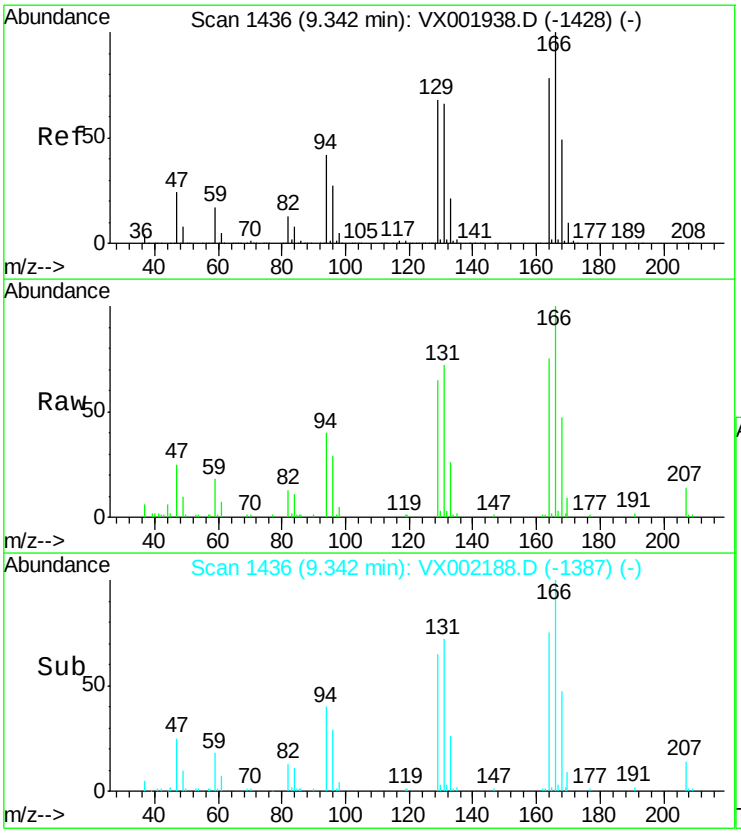
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 348010

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.8	67.2
119	31.6	25.5	38.3

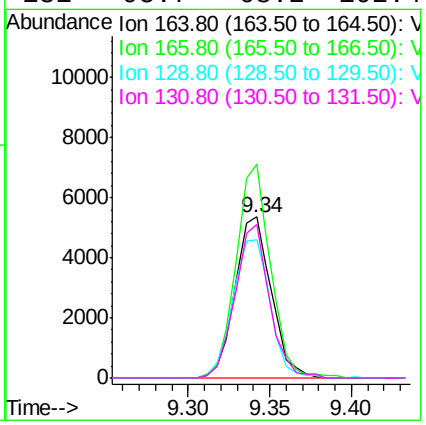


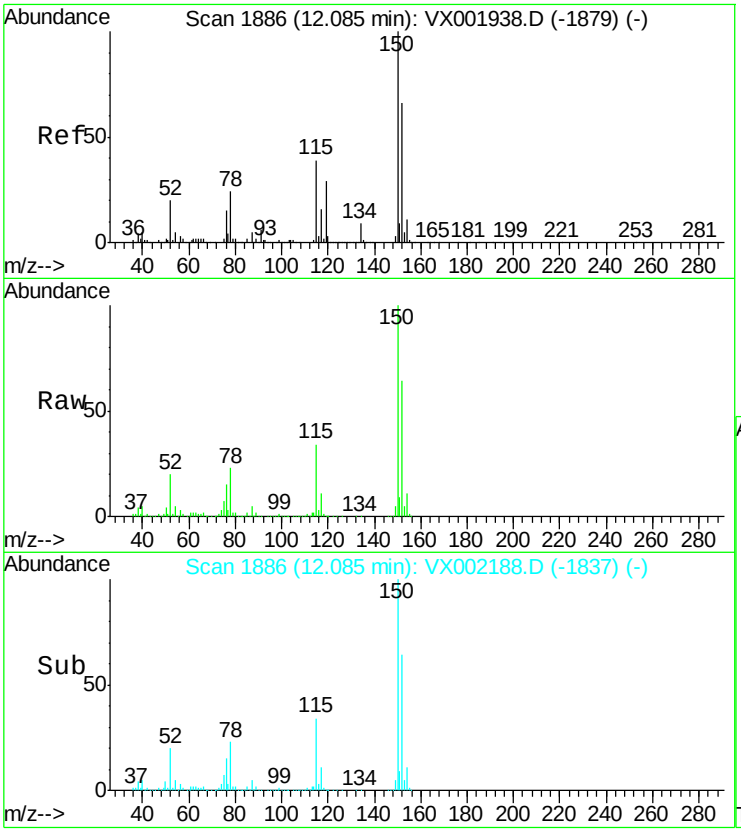


#64
Tetrachloroethene
Concen: 1.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion:164 Resp: 8264

Ion	Ratio	Lower	Upper
164	100		
166	132.9	102.7	154.1
129	86.2	70.3	105.5
131	95.7	68.2	102.4



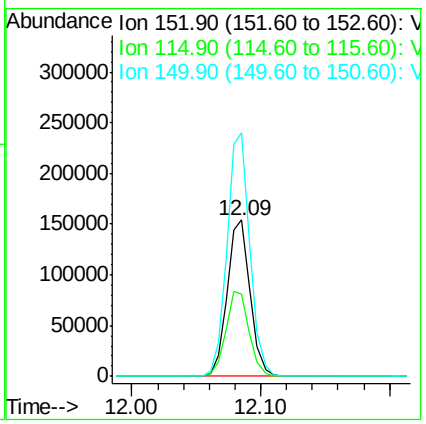


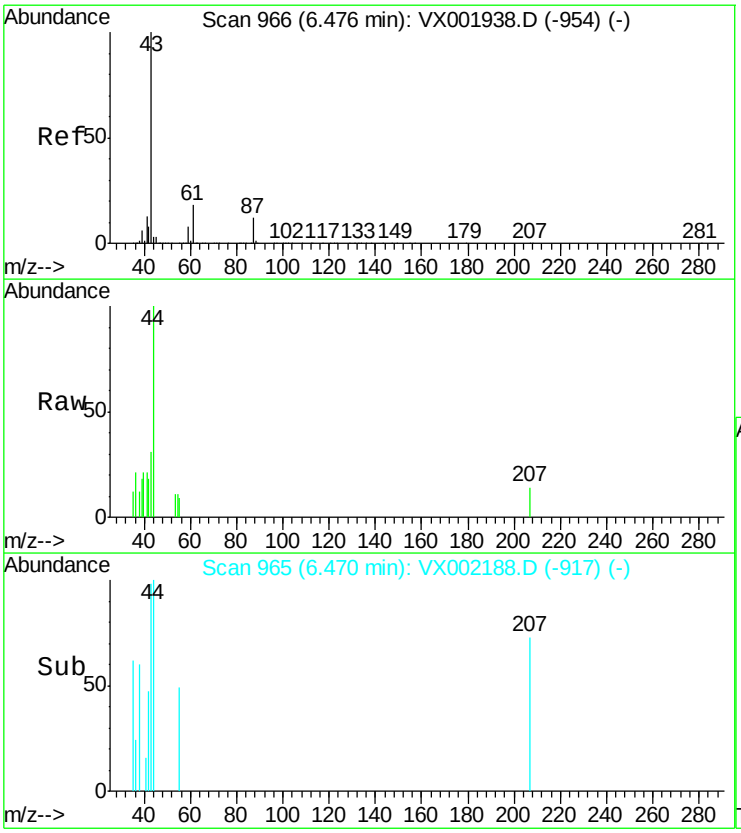
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 191385

Ion	Ratio	Lower	Upper
152	100		
115	55.3	42.3	126.8
150	156.2	0.0	351.0

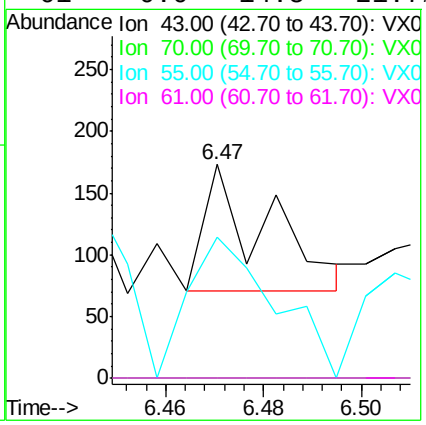


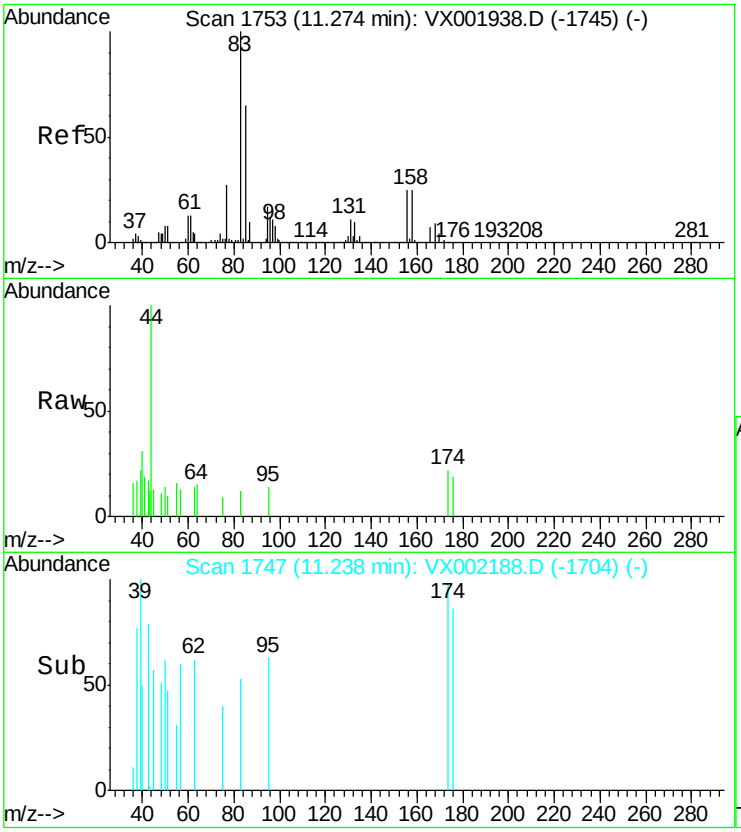


#74
N-amyl acetate
Concen: Below Cal
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 43 Resp: 90

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	155.6	0.1	0.1#
61	0.0	14.5	21.7#



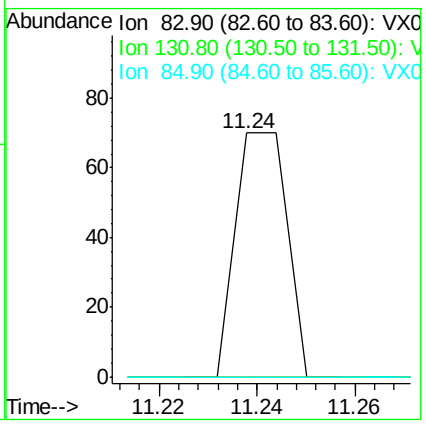


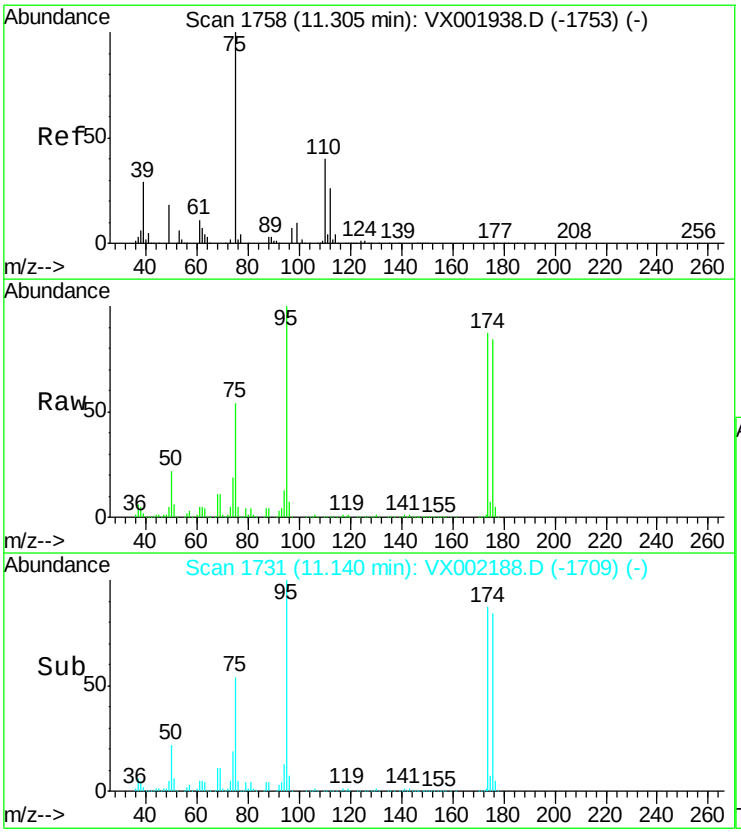
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.24 min Scan# 1747
Delta R.T. -0.04 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 51

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

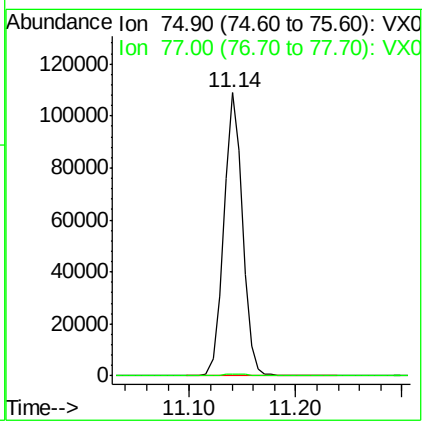


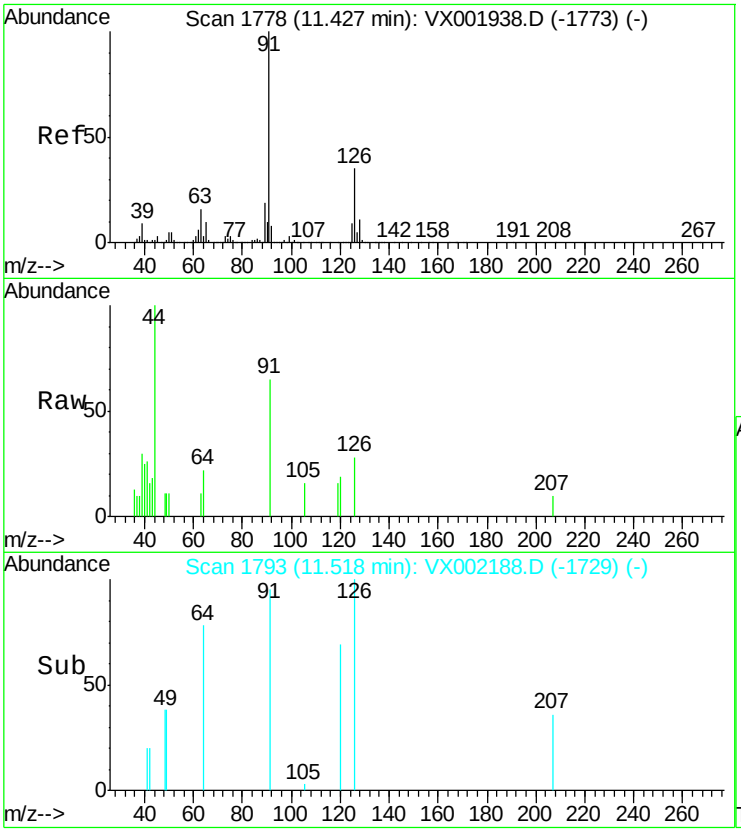


#76
1,2,3-Trichloropropane
Concen: 29.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 75 Resp: 133692

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



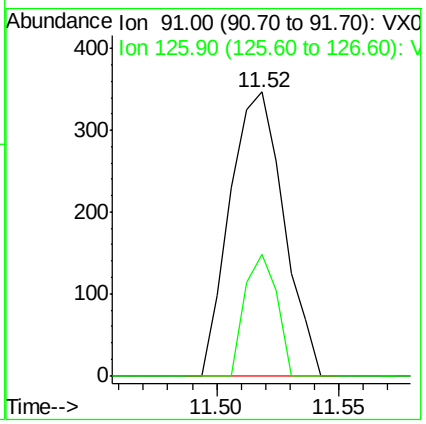


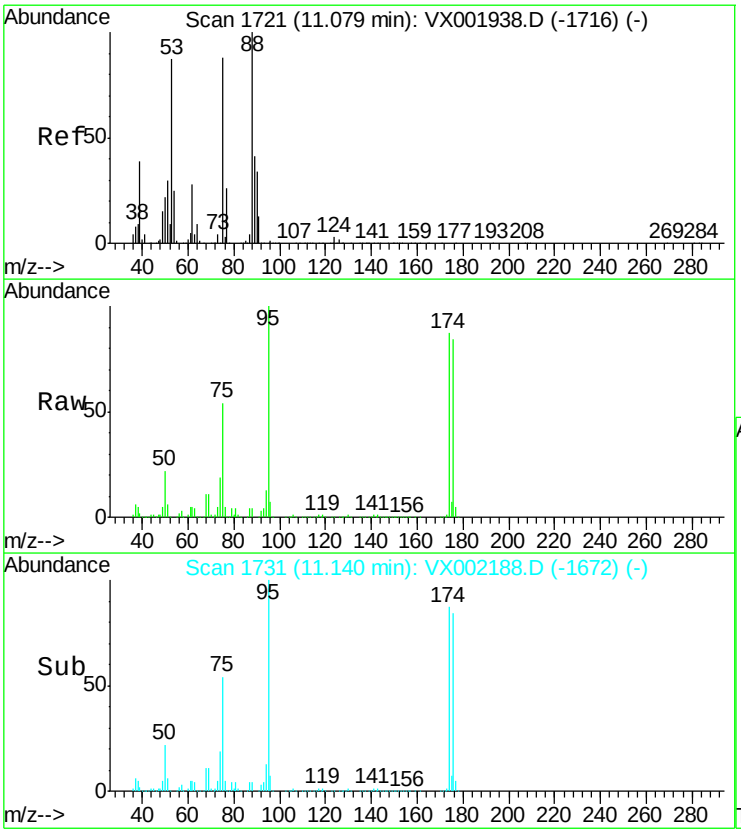
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.52 min Scan# 1793
Delta R.T. 0.09 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 533

Ion	Ratio	Lower	Upper
91	100		
126	25.1	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 69.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002188.D
Acq: 31 May 2018 20:50

Tgt Ion: 75 Resp: 133692

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