Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053118\
Data File : VX002183.D
Acq On : 31 May 2018 17:53
Operator : JC/MD
Sample : J3183-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 01 03:23:26 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	249713	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	351329	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	314426	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165561	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	188303	42.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.38%				
35) Dibromofluoromethane	5.51	113	138616	39.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.90%				
50) Toluene-d8	8.72	98	551768	43.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.76%				
62) 4-Bromofluorobenzene	11.14	95	187410	37.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	376	Below Cal			91
3) Chloromethane	1.32	50	1178	0.31	ug/l		98
5) Bromomethane	1.64	94	1131	Below Cal		#	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1667	0.54	ug/l	#	93
10) Methyl Iodide	2.52	142	2343	0.56	ug/l		99
11) Tert butyl alcohol	3.03	59	2975	3.40	ug/l	#	74
13) Acrolein	2.31	56	76	0.20	ug/l	#	1
15) Acrylonitrile	3.15	53	871	0.48	ug/l	#	69
16) Acetone	2.45	43	1609	0.93	ug/l		97
17) Carbon Disulfide	2.57	76	2124	0.25	ug/l	#	93
18) Methyl Acetate	2.79	43	666	Below Cal		#	74
20) Methylene Chloride	2.86	84	1226	Below Cal		#	76
21) trans-1,2-Dichloroethene	3.17	96	713	Below Cal		#	72
27) cis-1,2-Dichloroethene	4.60	96	8681	2.29	ug/l		15
28) Bromochloromethane	5.02	49	332	Below Cal		#	30
29) Tetrahydrofuran	5.18	42	621	0.30	ug/l	#	61
38) Carbon Tetrachloride	5.67	117	23313	4.09	ug/l	#	15
41) Methacrylonitrile	5.07	41	132	Below Cal		#	69
44) Trichloroethene	7.22	130	13502	3.24	ug/l		97
60) Dibromochloromethane	9.34	129	34296	7.61	ug/l	#	11
64) Tetrachloroethene	9.34	164	37523	8.32	ug/l		96
74) N-amyl acetate	6.49	43	297	Below Cal		#	60
75) 1,1,2,2-Tetrachloroethane	11.27	83	51	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	100371	25.24	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	966	Below Cal			92
81) trans-1,4-Dichloro-2-buten	11.14	75	100371	60.66	ug/l	#	10

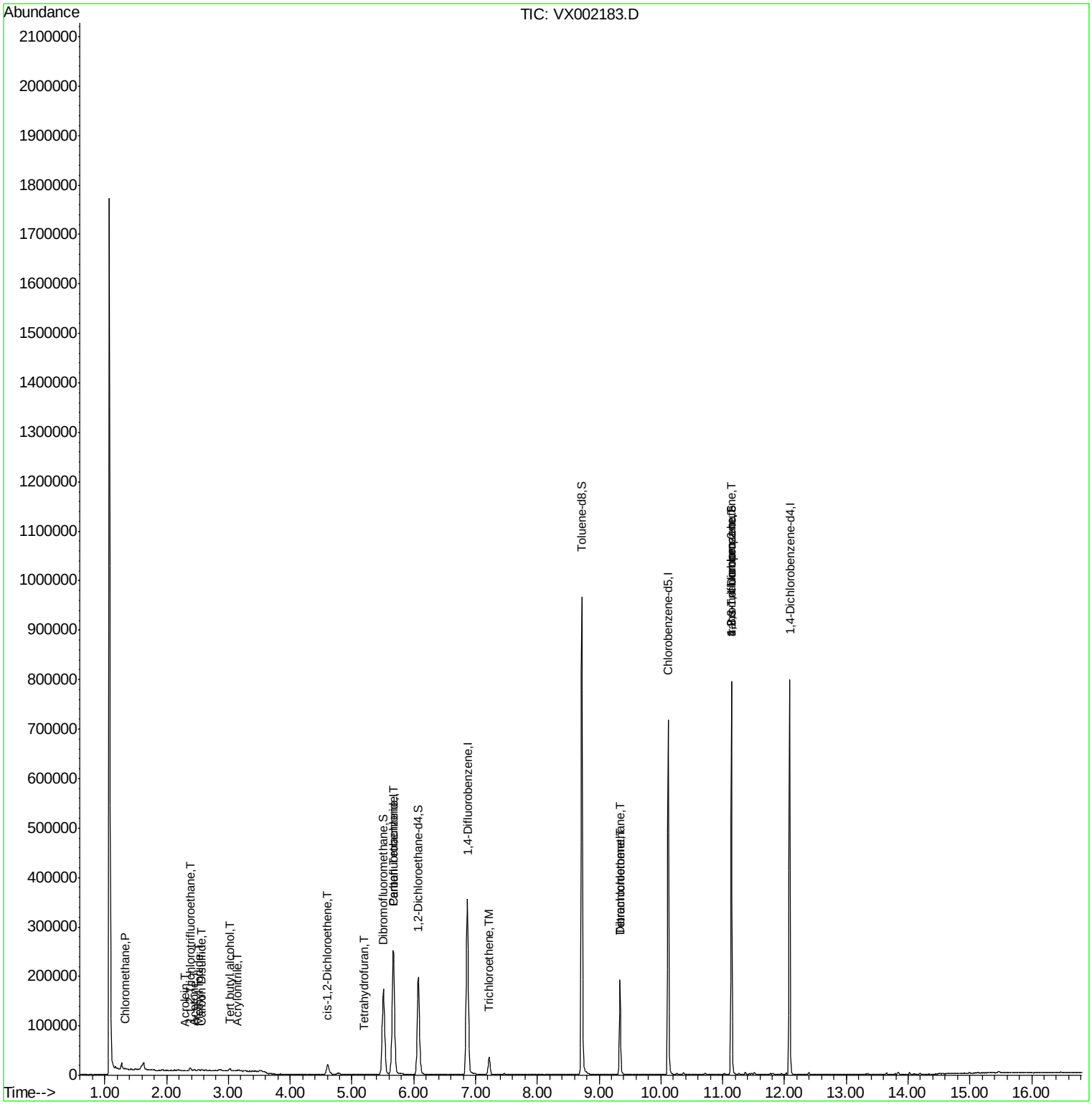
(#) = qualifier out of range (m) = manual integration (+) = signals summed

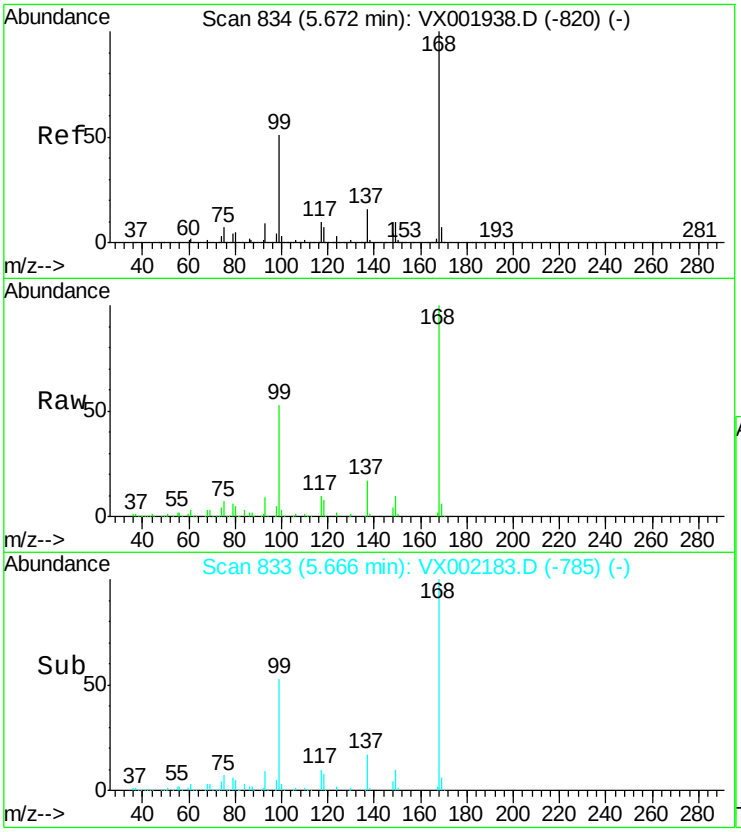
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002183.D
Acq On : 31 May 2018 17:53
Operator : JC/MD
Sample : J3183-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 01 03:23:26 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



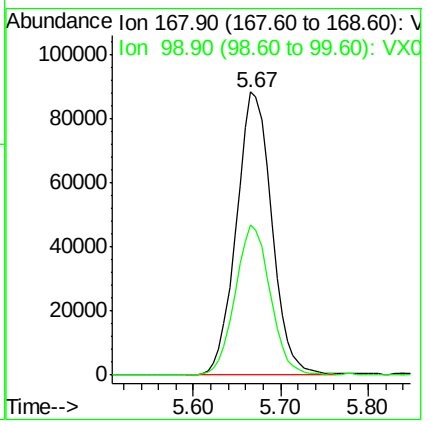


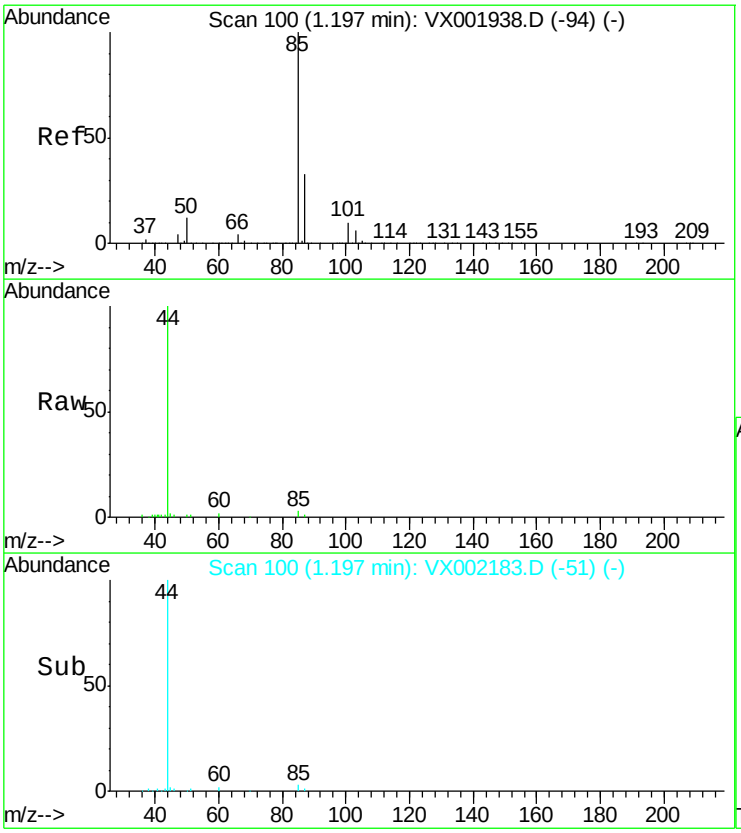
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 249713

Ion	Ratio	Lower	Upper
168	100		
99	52.9	41.0	61.4

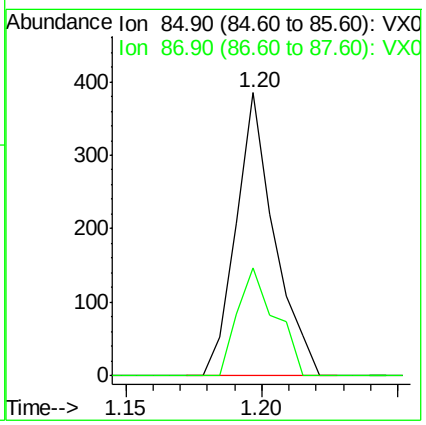


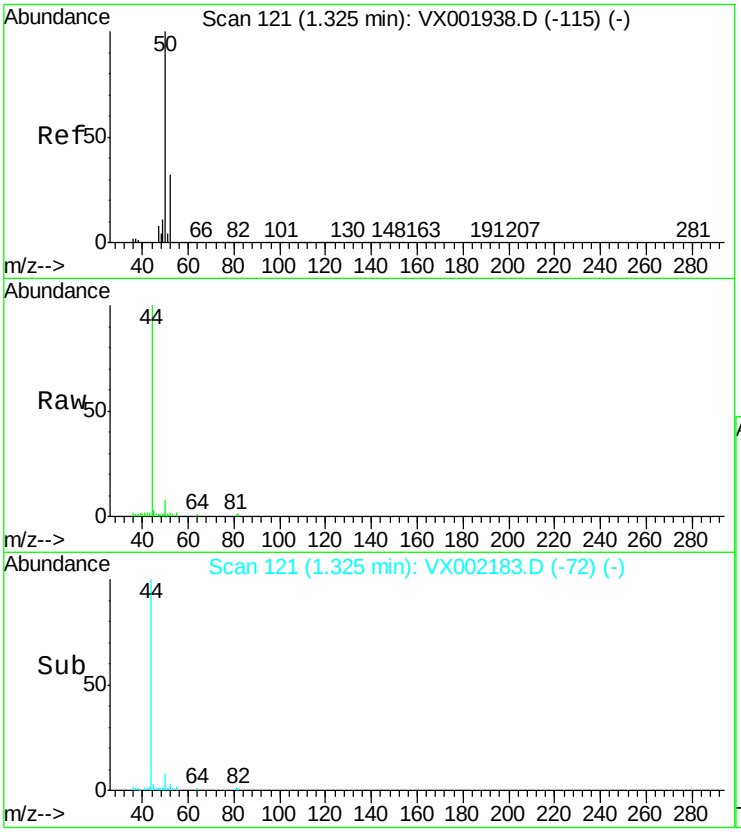


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 85 Resp: 376

Ion	Ratio	Lower	Upper
85	100		
87	38.2	16.7	50.0



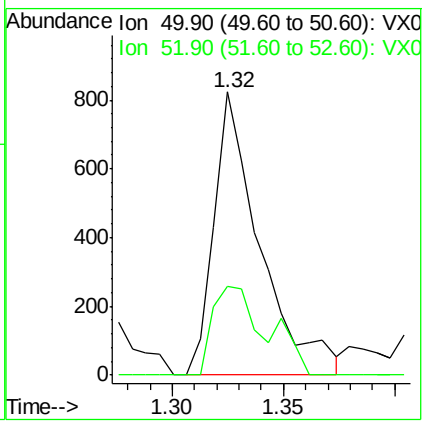


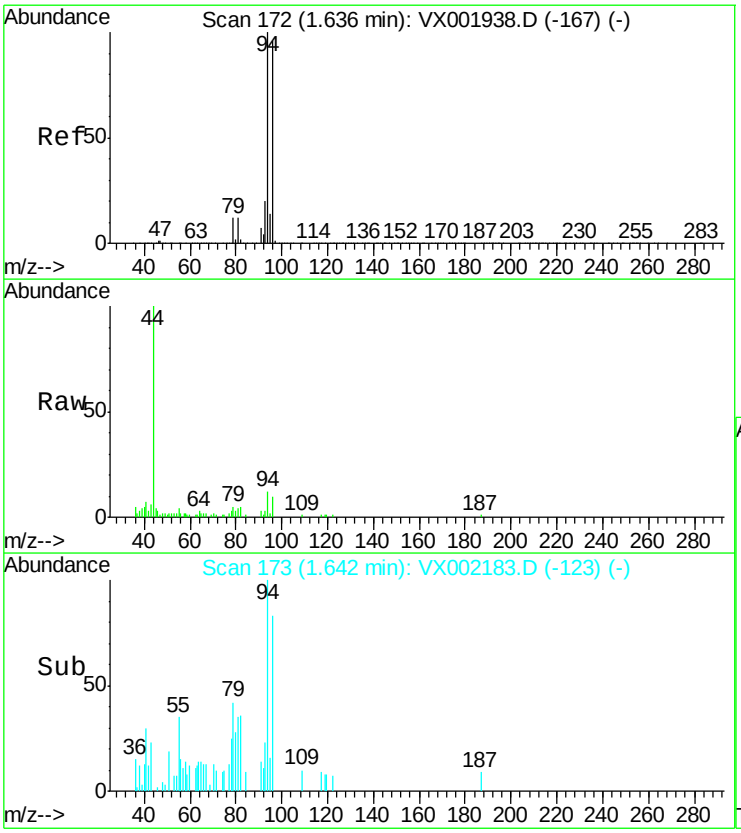
#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1178

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.0	39.0

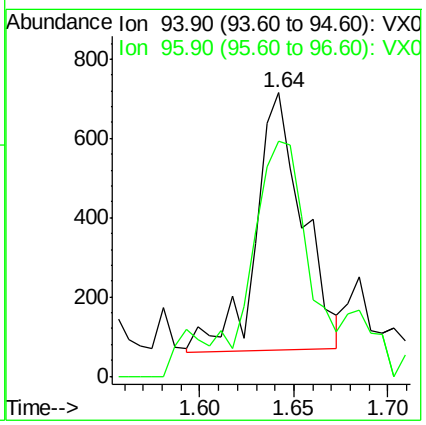


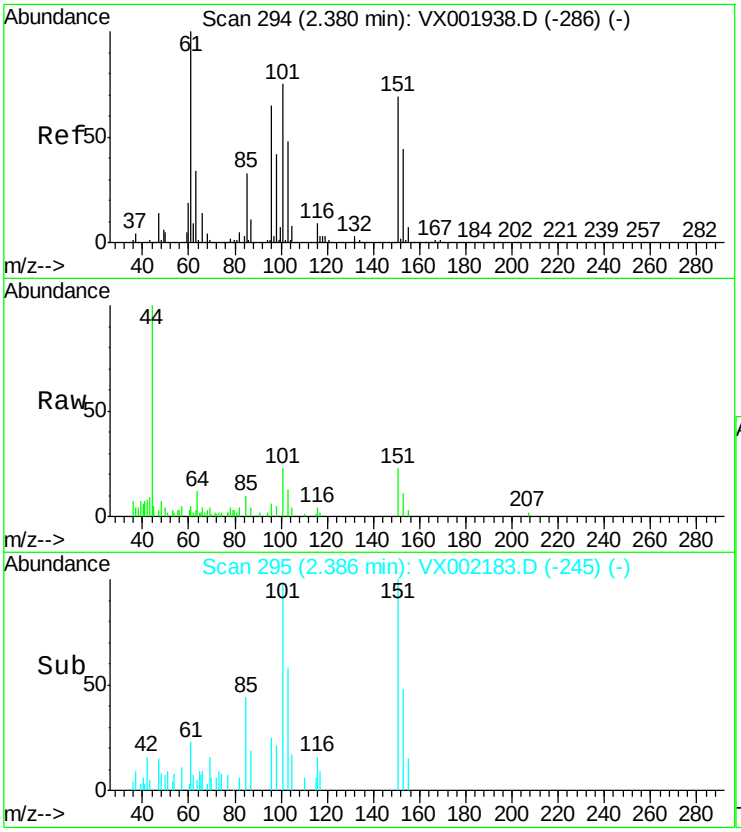


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 94 Resp: 1131

Ion	Ratio	Lower	Upper
94	100		
96	74.3	75.9	113.9#



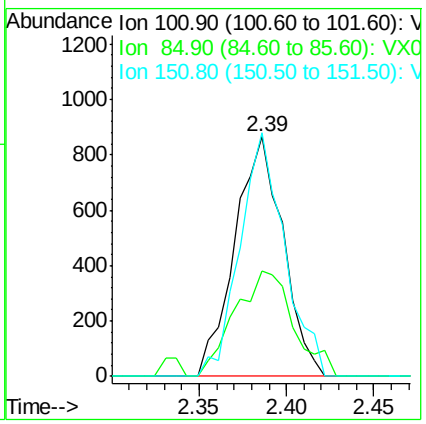


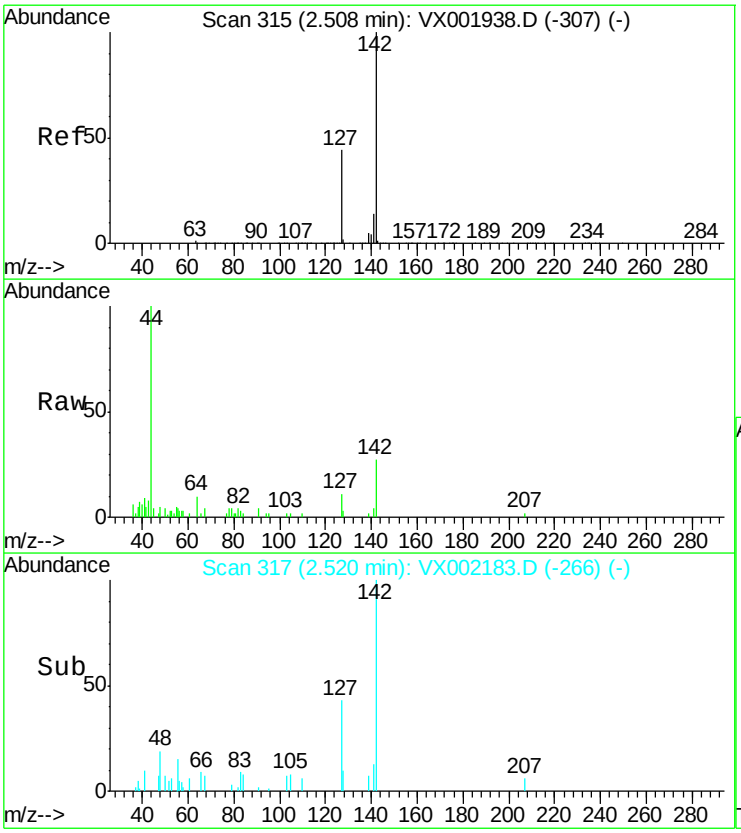
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.54 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1667

Ion	Ratio	Lower	Upper
101	100		
85	53.7	35.6	53.4#
151	94.4	73.2	109.8

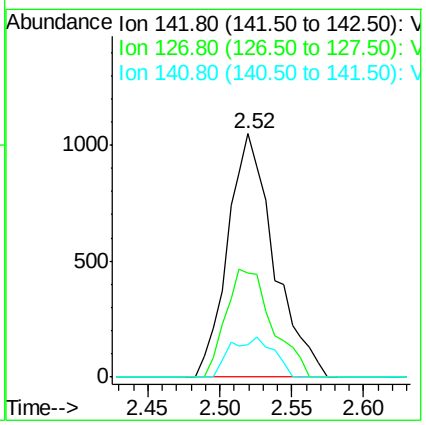


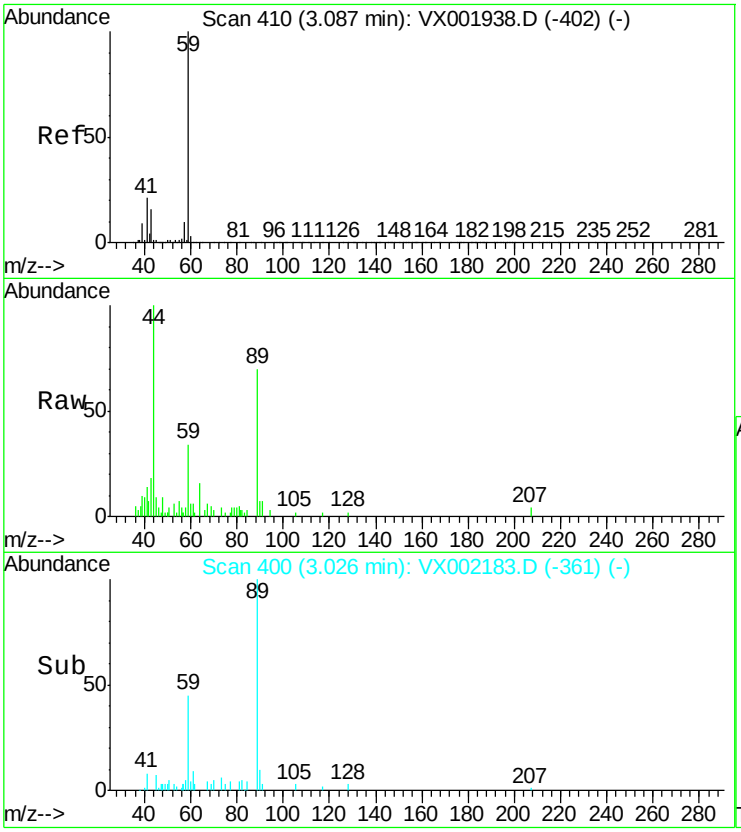


#10
Methyl Iodide
Concen: 0.56 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion:142 Resp: 2343

Ion	Ratio	Lower	Upper
142	100		
127	44.3	35.5	53.3
141	15.3	11.3	16.9



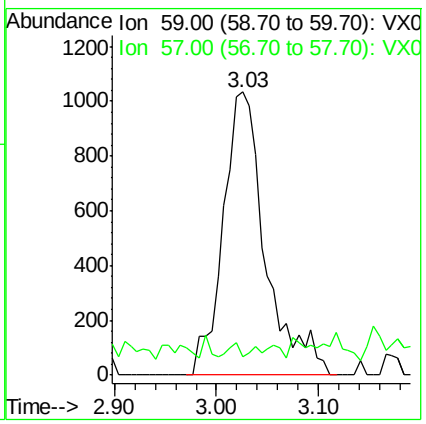


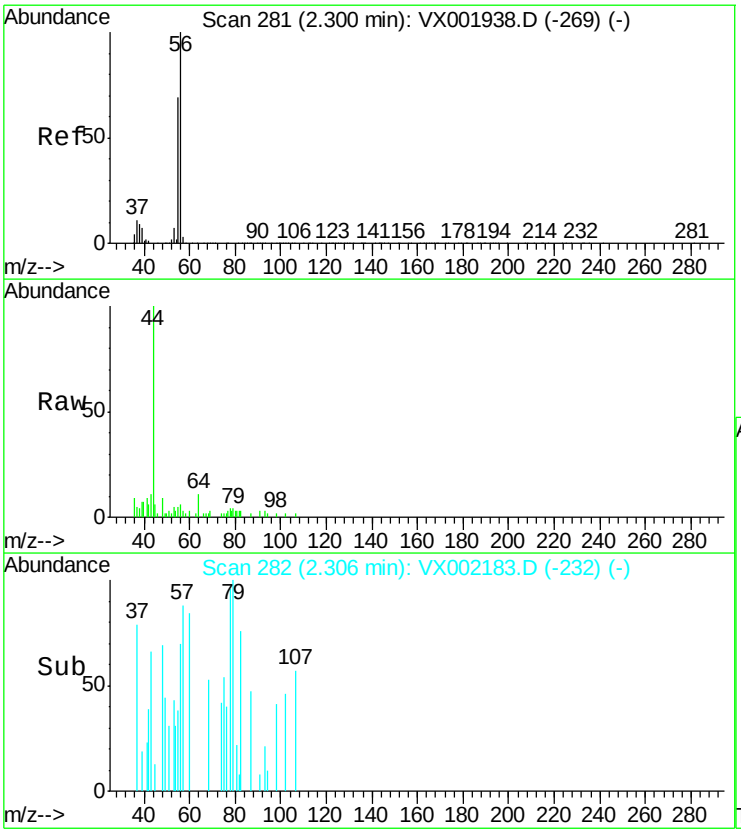
#11
Tert butyl alcohol
Concen: 3.40 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2975

Ion	Ratio	Lower	Upper
59	100		
57	1.2	8.9	13.3#

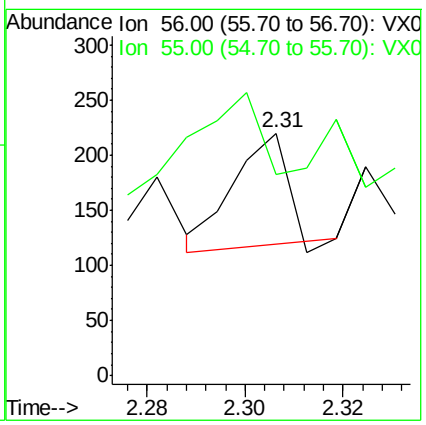


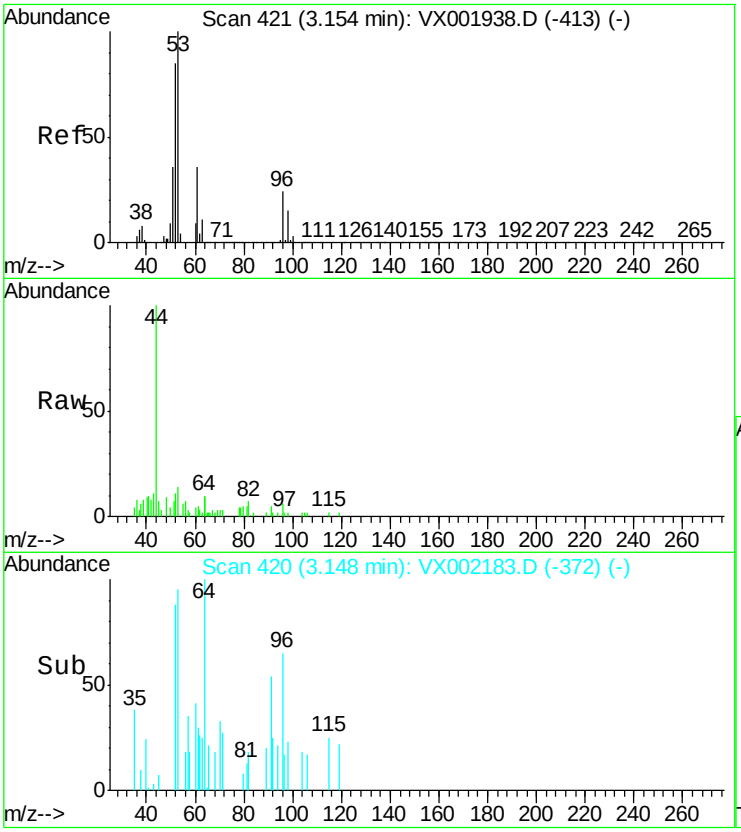


#13
Acrolein
Concen: 0.20 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 56 Resp: 76

Ion	Ratio	Lower	Upper
56	100		
55	211.8	56.8	85.2#



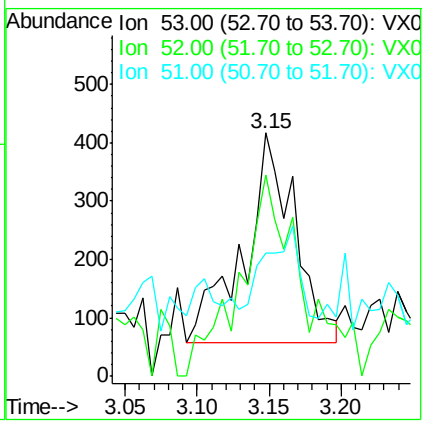


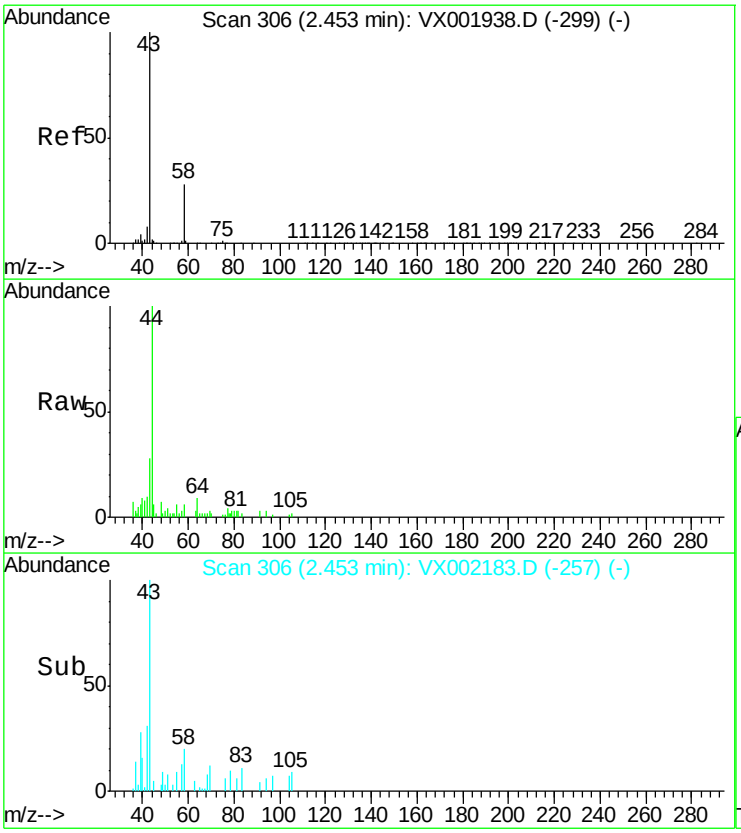
#15
Acrylonitrile
Concen: 0.48 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 871

Ion	Ratio	Lower	Upper
53	100		
52	118.7	66.4	99.6#
51	42.7	29.3	43.9

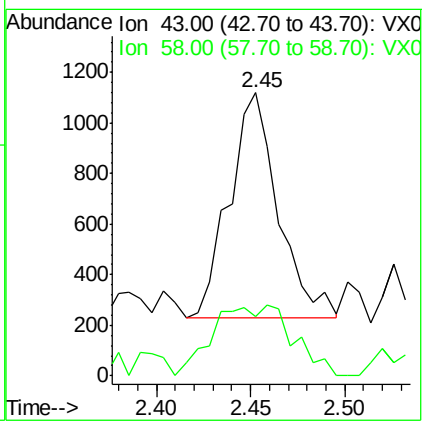


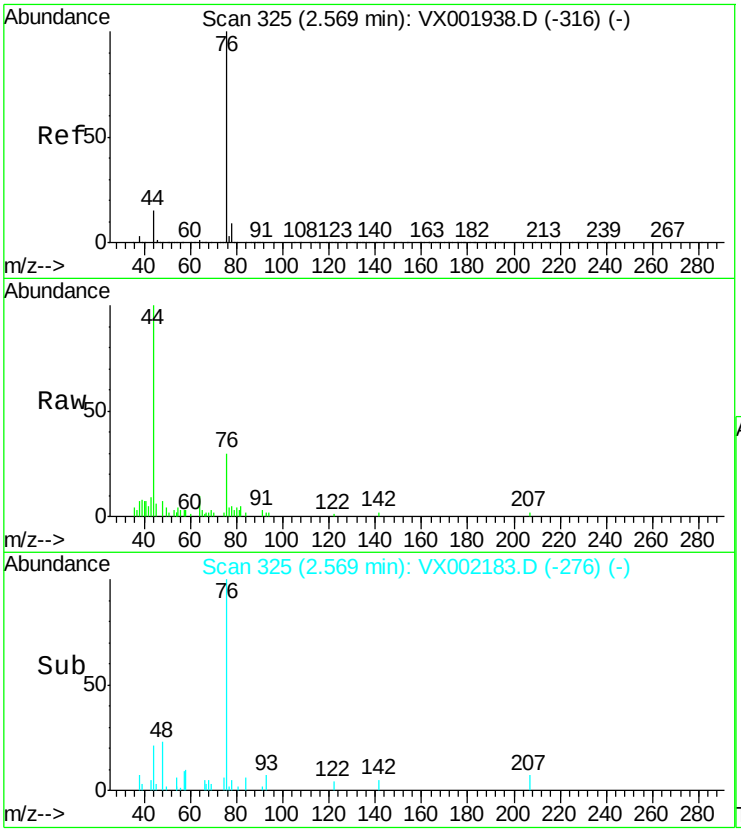


#16
Acetone
Concen: 0.93 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 43 Resp: 1609

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.3	33.5



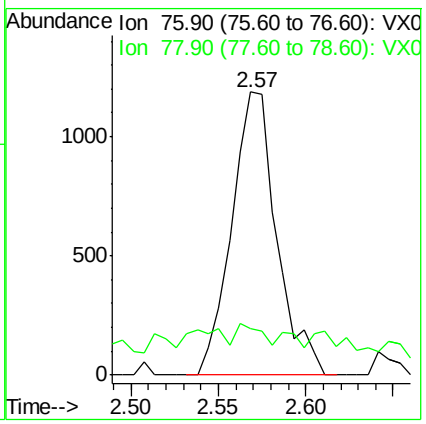


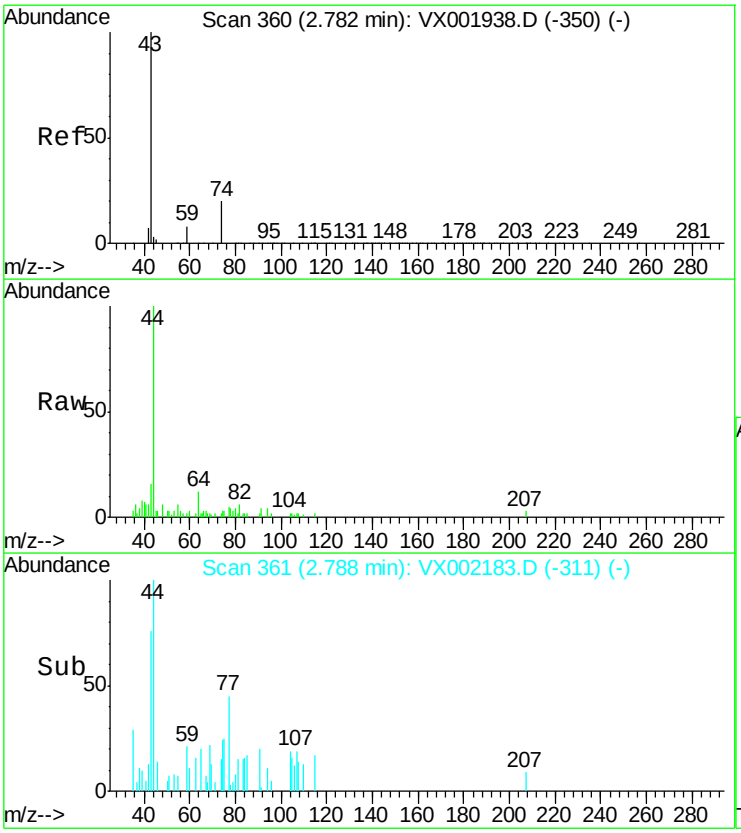
#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2124

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.4	11.2#

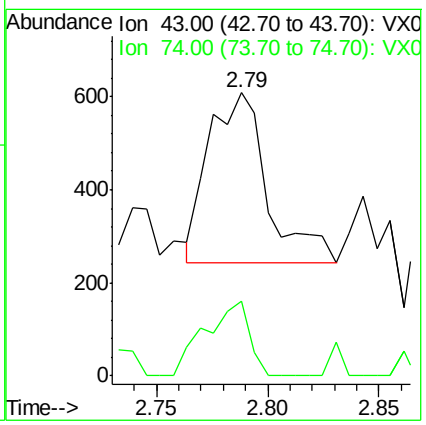


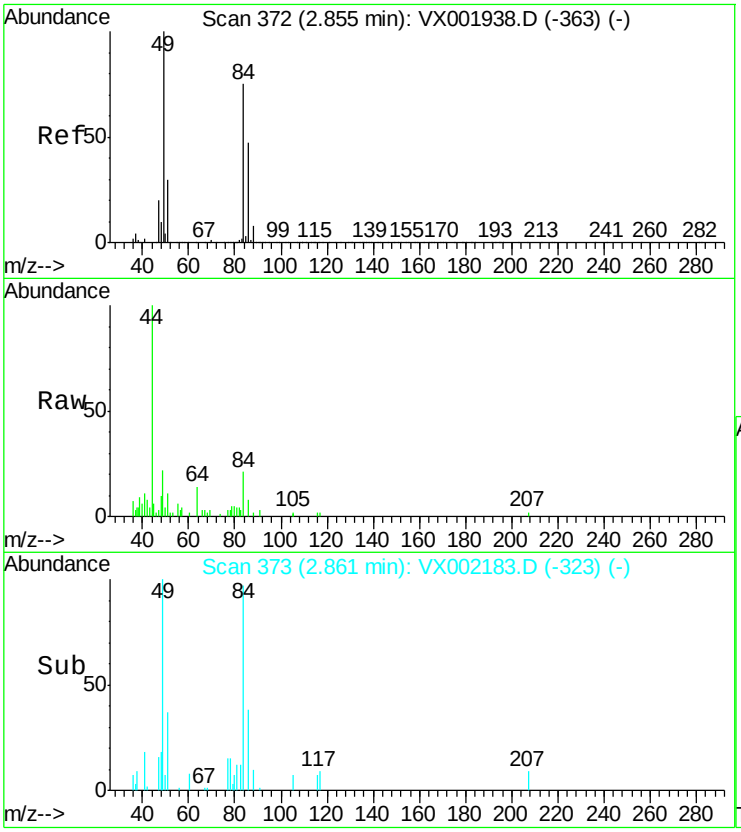


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 43 Resp: 666

Ion	Ratio	Lower	Upper
43	100		
74	33.3	16.8	25.2#



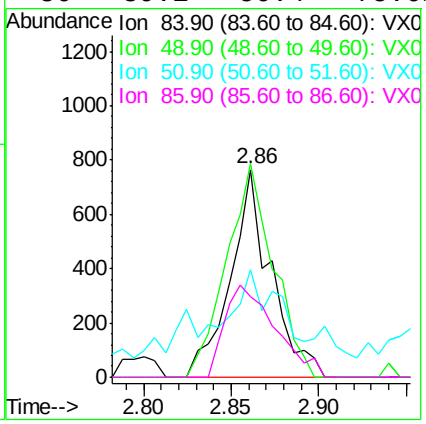


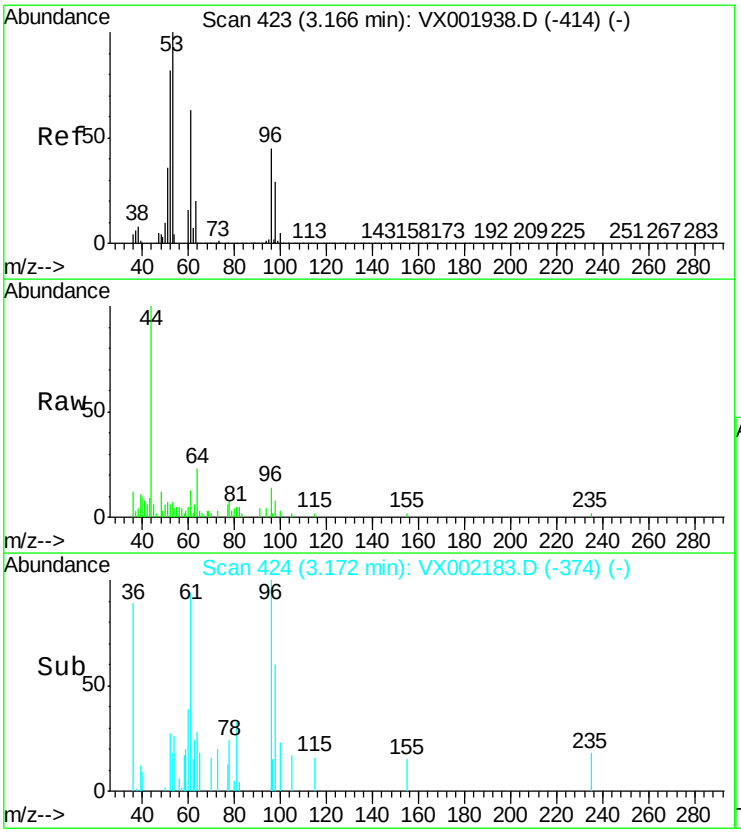
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1226

Ion	Ratio	Lower	Upper
84	100		
49	102.9	107.2	160.8#
51	36.6	32.4	48.6
86	39.1	50.4	75.6#

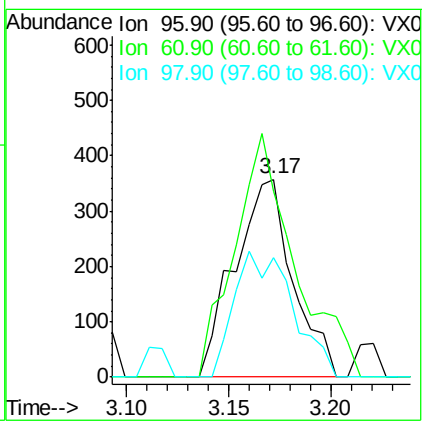


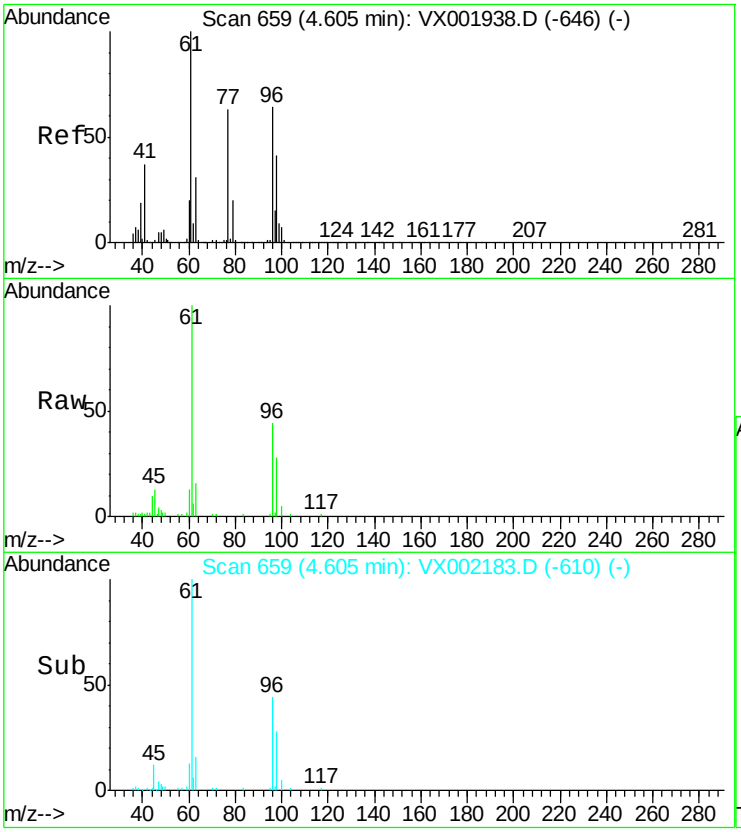


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 96 Resp: 713

Ion	Ratio	Lower	Upper
96	100		
61	94.1	113.3	169.9#
98	60.1	51.7	77.5



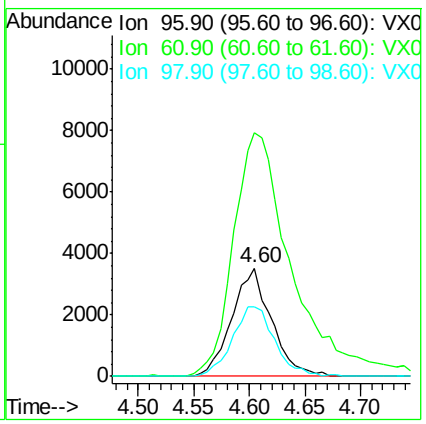


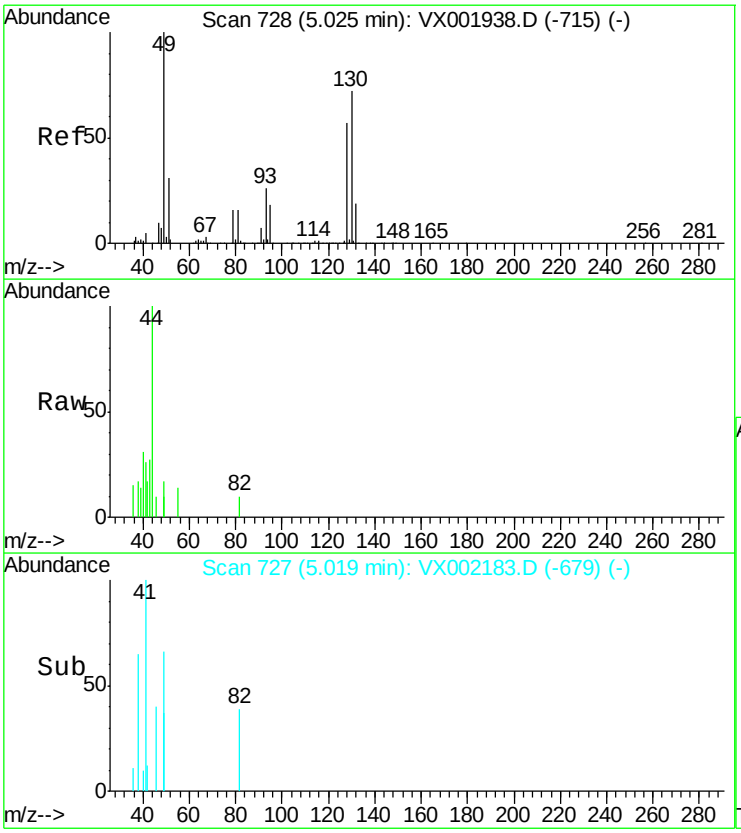
#27
cis-1,2-Dichloroethene
Concen: 2.29 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 8681

Ion	Ratio	Lower	Upper
96	100		
61	333.7	0.0	348.4
98	68.8	0.0	128.6

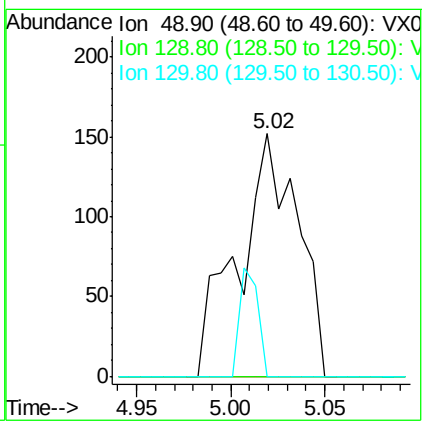


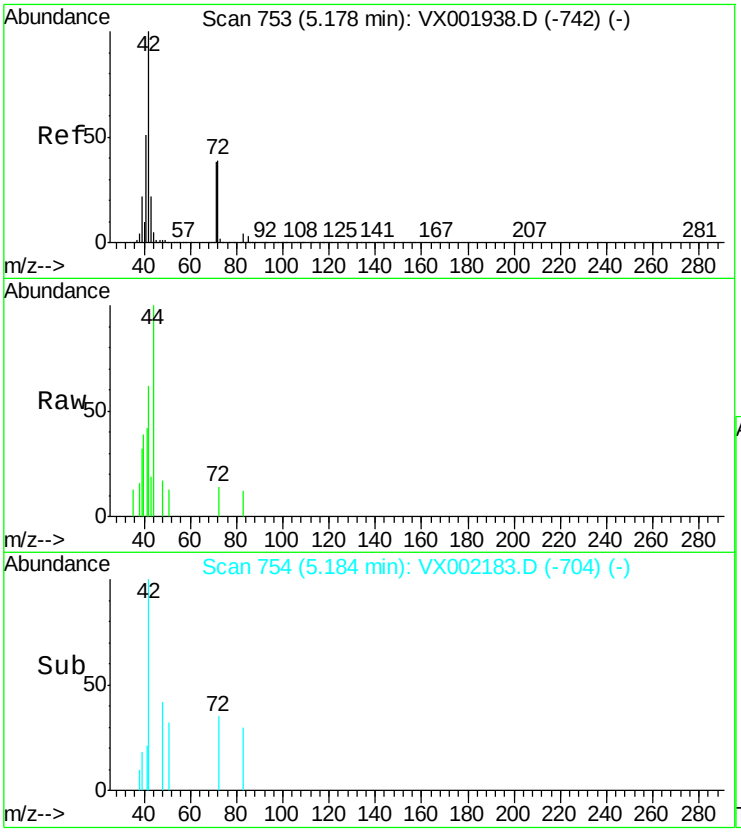


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 49 Resp: 332

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	13.9	59.4	89.2#



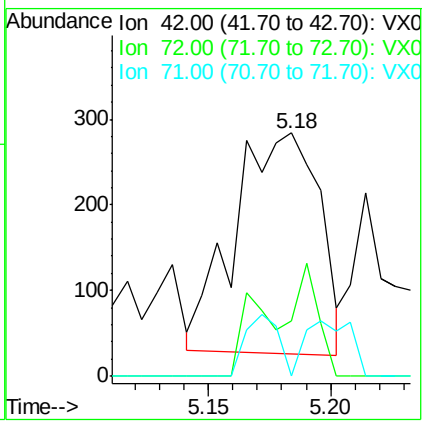


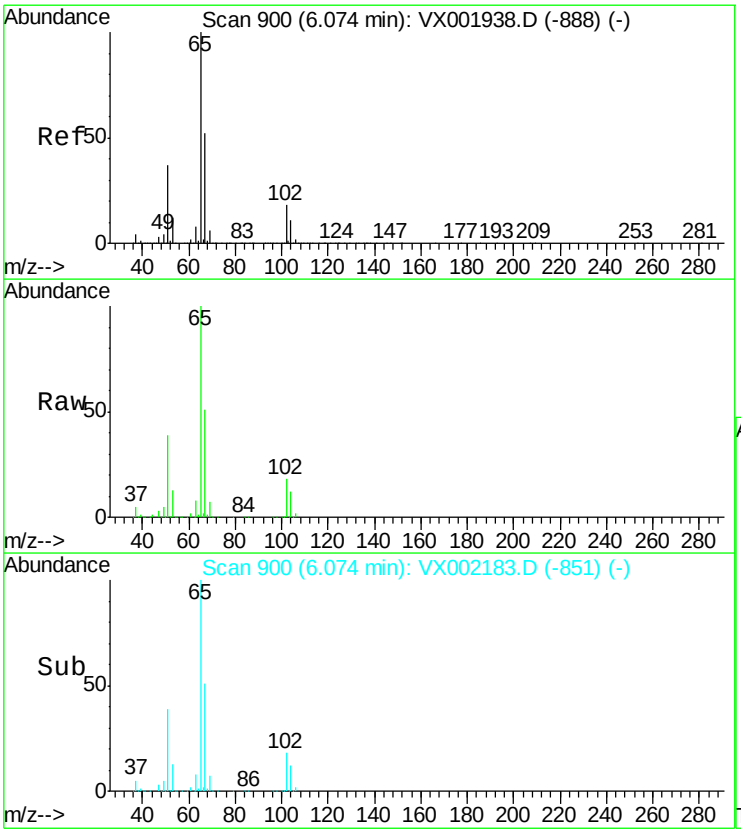
#29
Tetrahydrofuran
Concen: 0.30 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 621

Ion	Ratio	Lower	Upper
42	100		
72	15.1	31.4	47.0#
71	13.8	29.5	44.3#

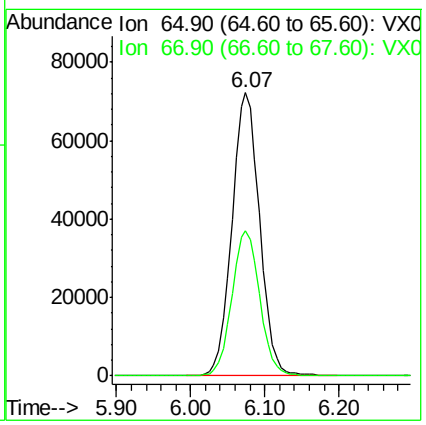


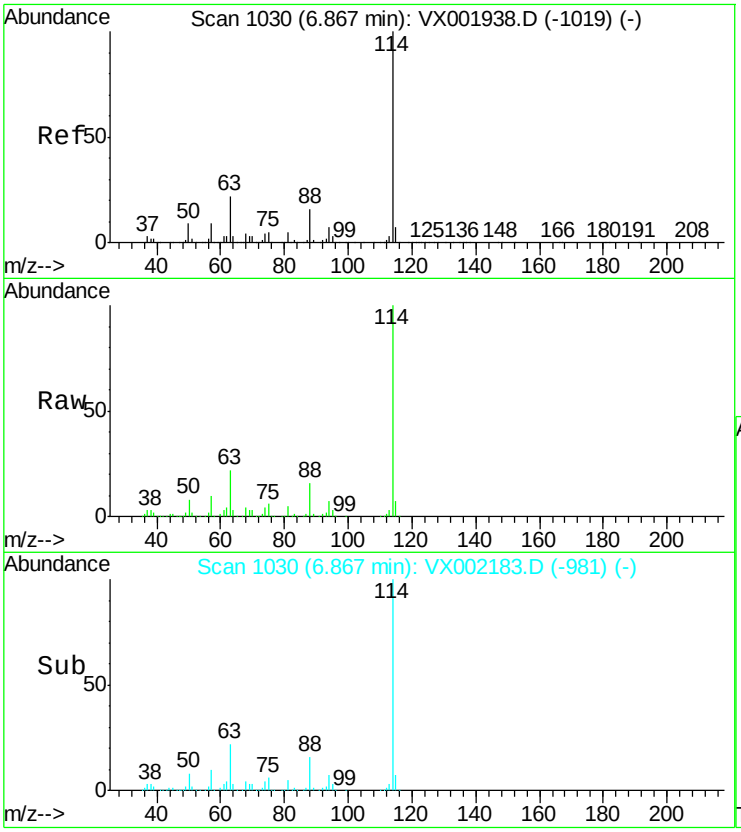


#33
1,2-Dichloroethane-d4
Concen: 42.19 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 65 Resp: 188303

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.0



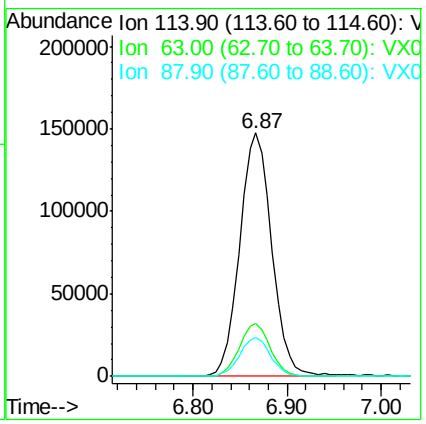


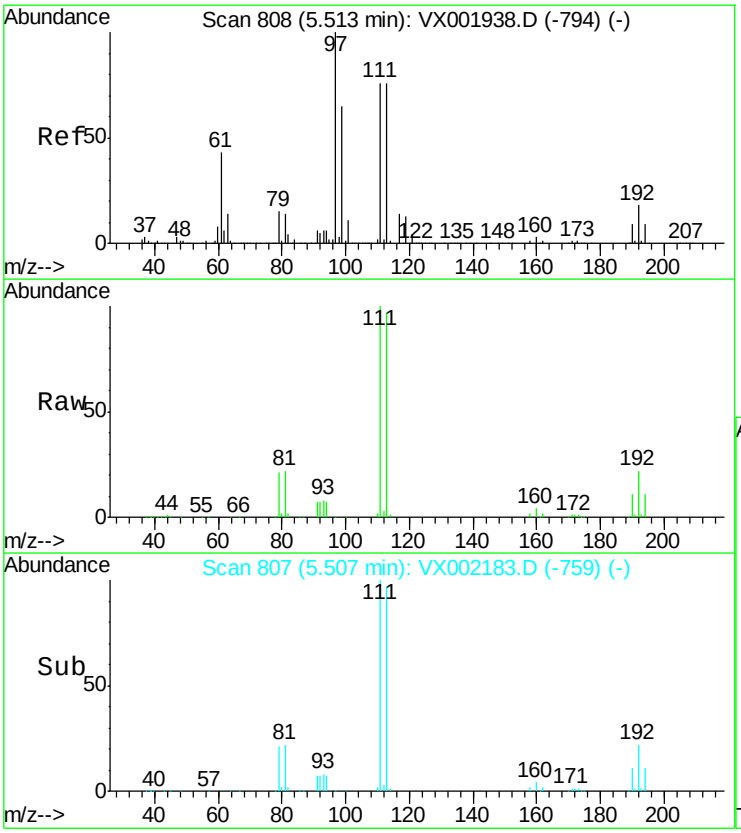
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 351329

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	15.8	0.0	31.6

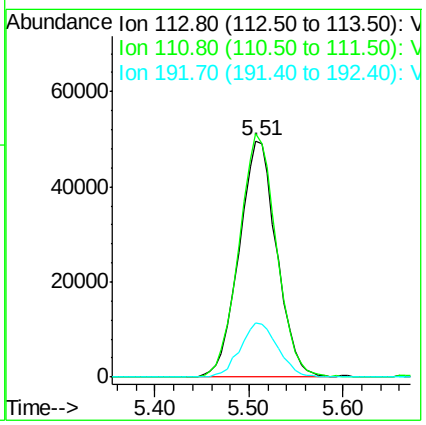


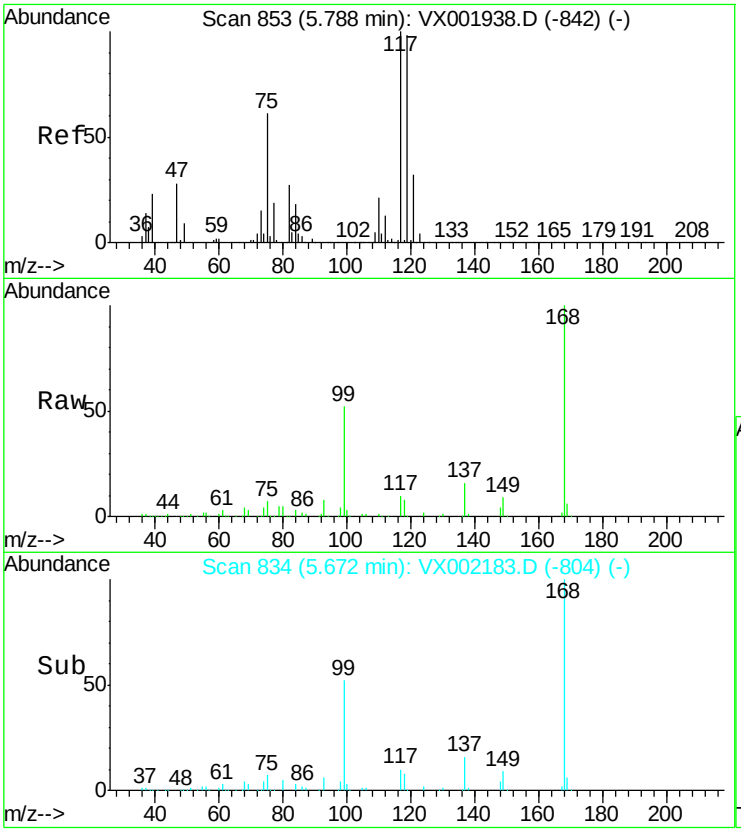


#35
Dibromofluoromethane
Concen: 39.45 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion:113 Resp: 138616

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.0	18.9	28.3



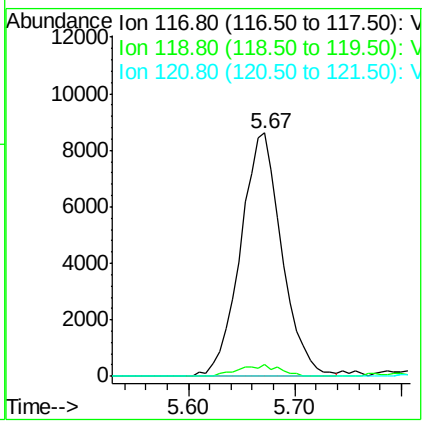


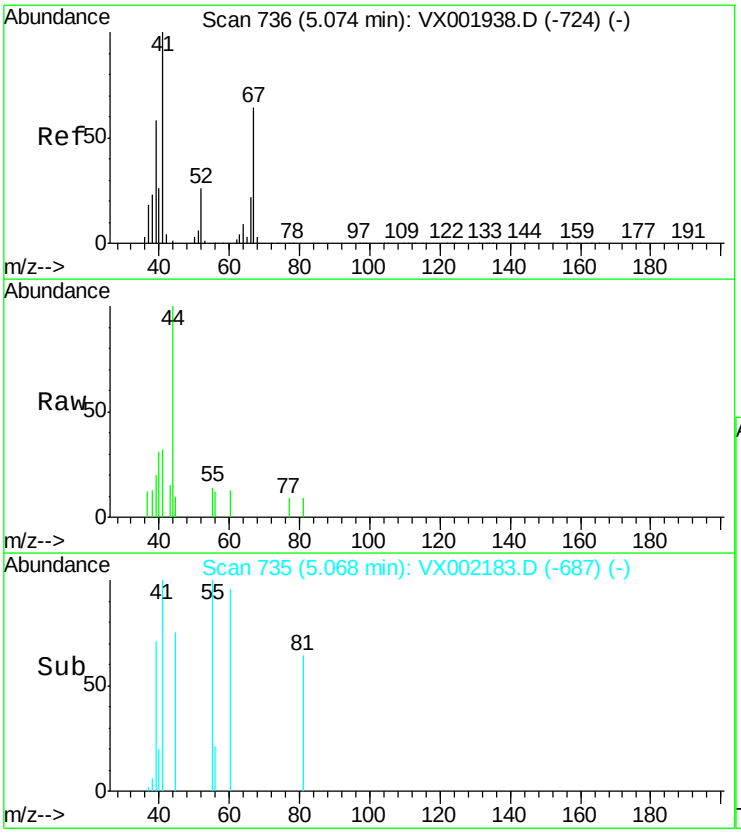
#38
Carbon Tetrachloride
Concen: 4.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 23313

Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.5	117.7#
121	0.0	25.5	38.3#

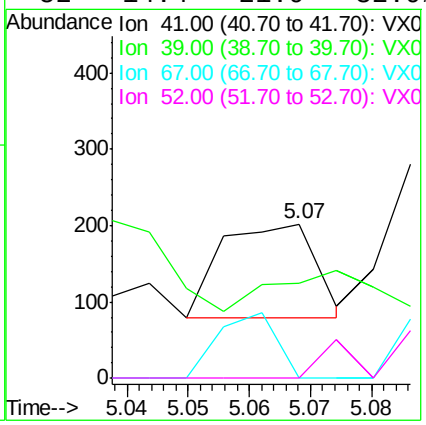


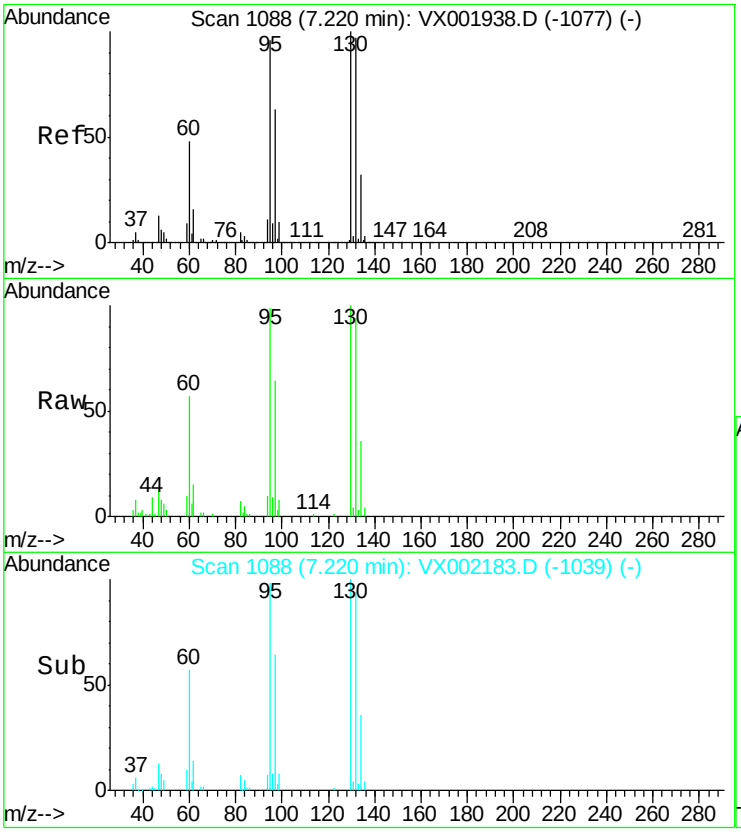


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 41 Resp: 132

Ion	Ratio	Lower	Upper
41	100		
39	85.6	46.0	69.0#
67	42.4	50.6	75.8#
52	14.4	21.9	32.9#



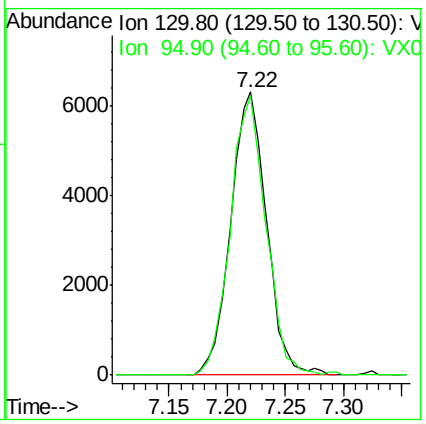


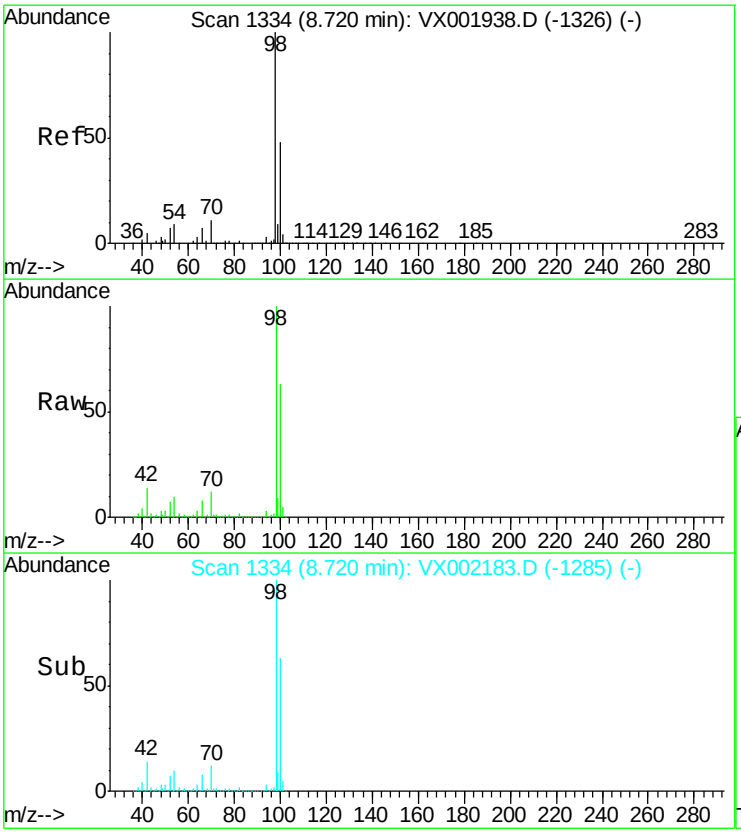
#44
Trichloroethene
Concen: 3.24 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 13502

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	192.0

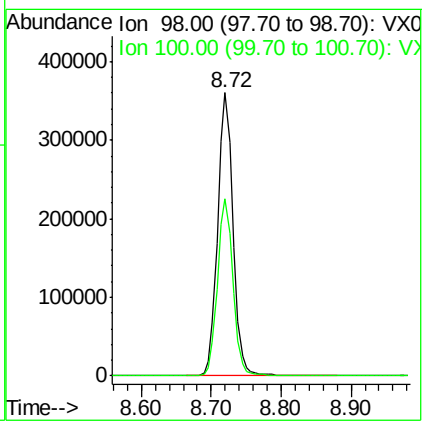


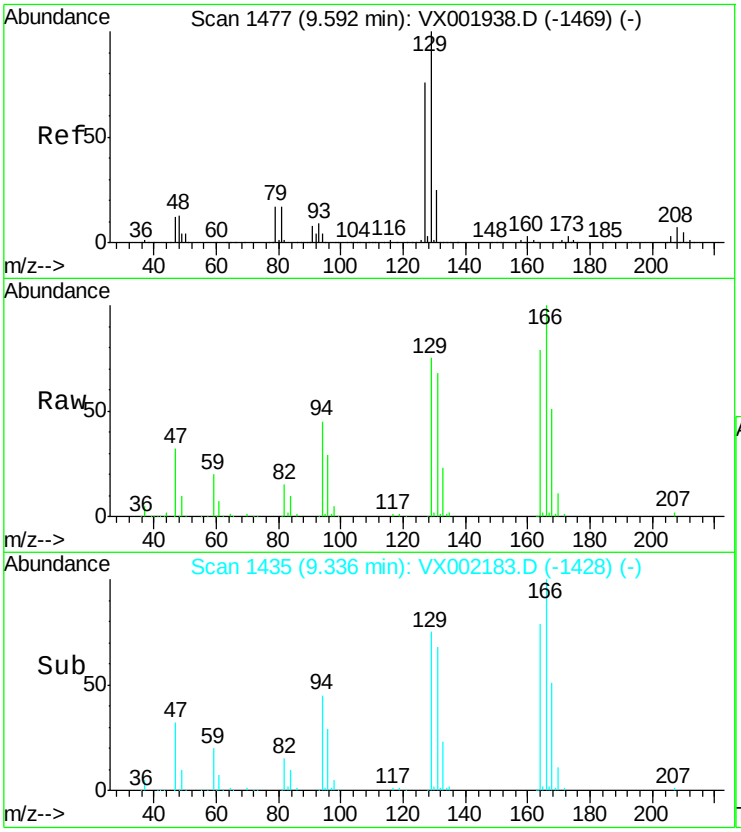


#50
Toluene-d8
Concen: 43.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 98 Resp: 551768

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



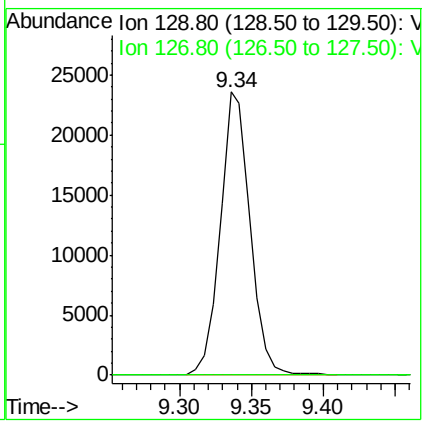


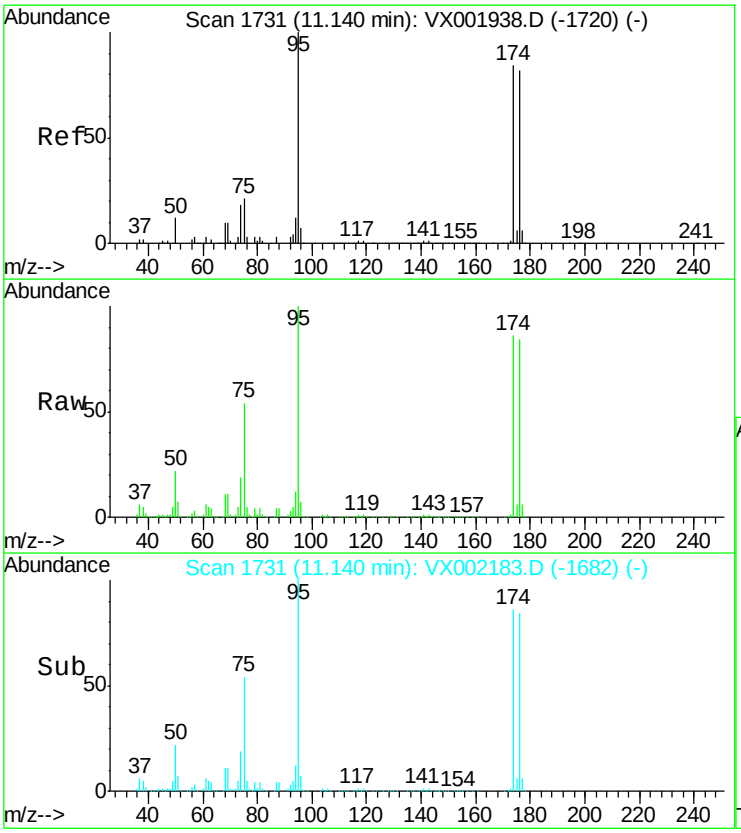
#60
Dibromochloromethane
Concen: 7.61 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.26 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 34296

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#

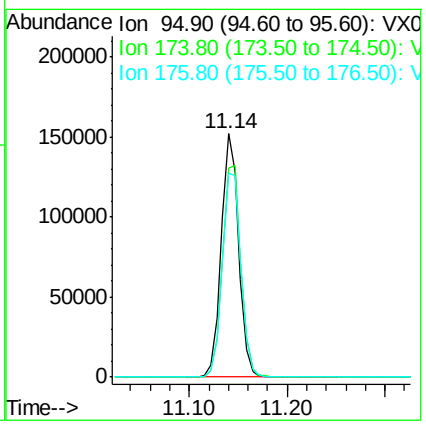


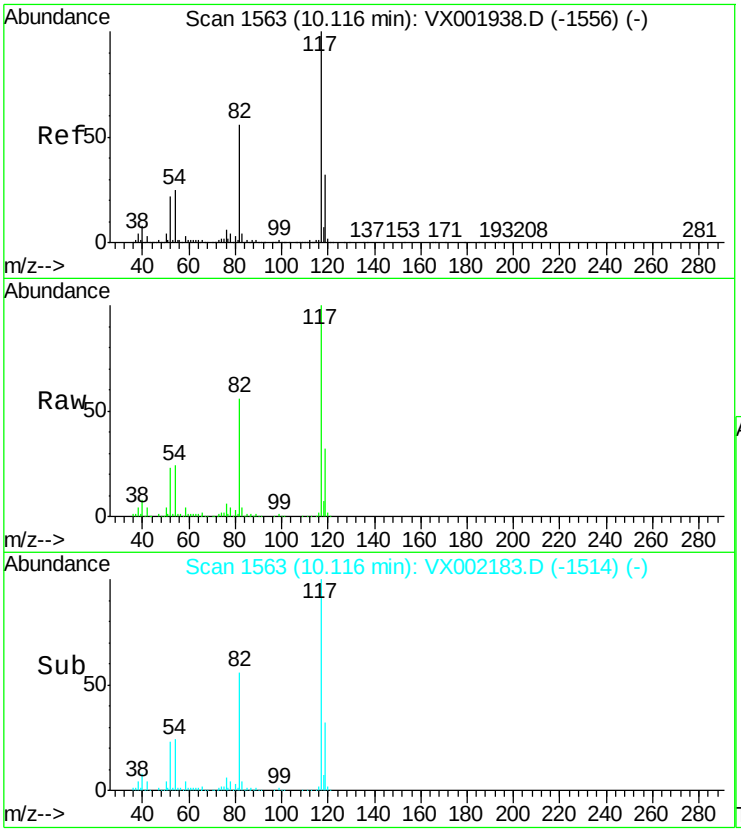


#62
4-Bromofluorobenzene
Concen: 37.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 95 Resp: 187410

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	178.8
176	89.6	0.0	175.6



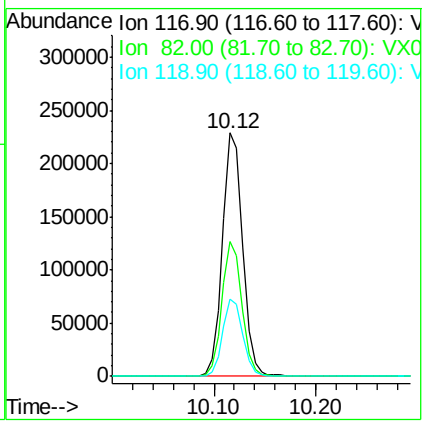


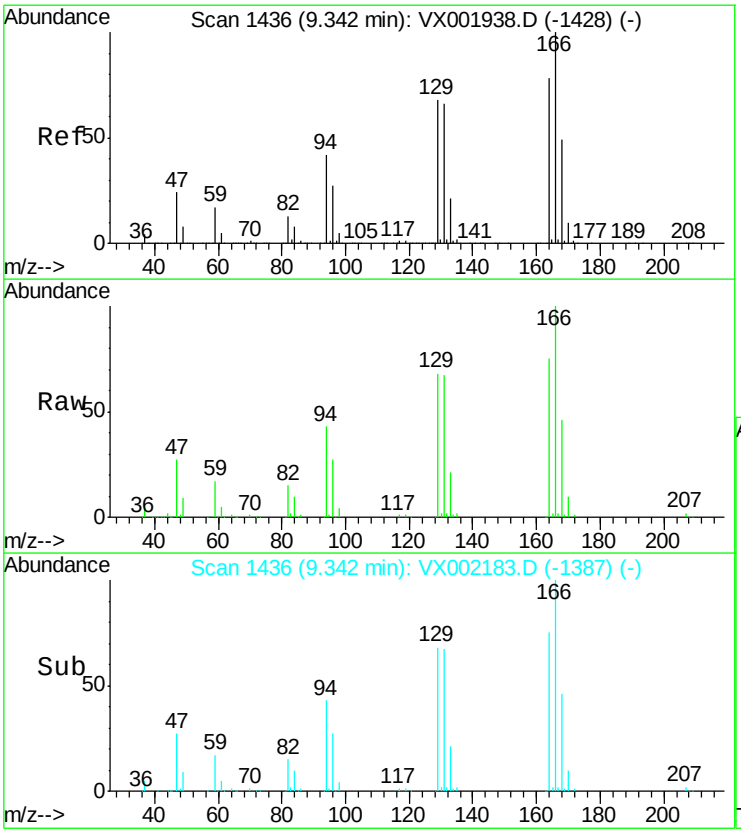
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 314426

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.8	67.2
119	31.9	25.5	38.3

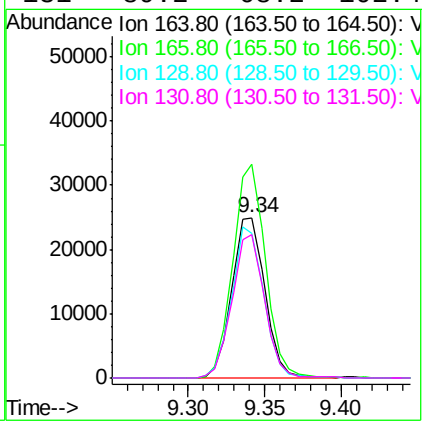


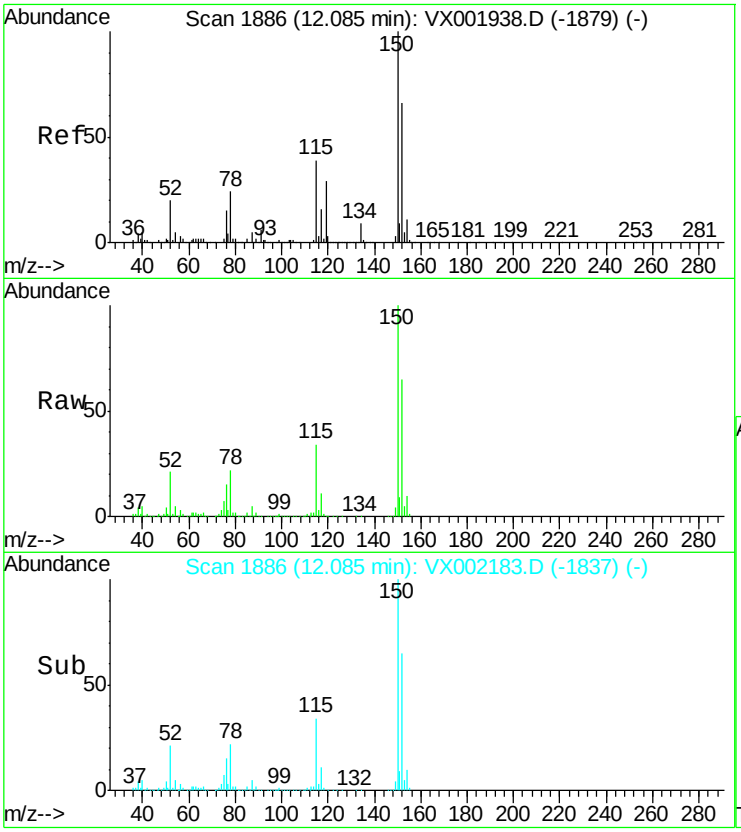


#64
Tetrachloroethene
Concen: 8.32 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion:164 Resp: 37523

Ion	Ratio	Lower	Upper
164	100		
166	133.3	102.7	154.1
129	90.7	70.3	105.5
131	89.2	68.2	102.4



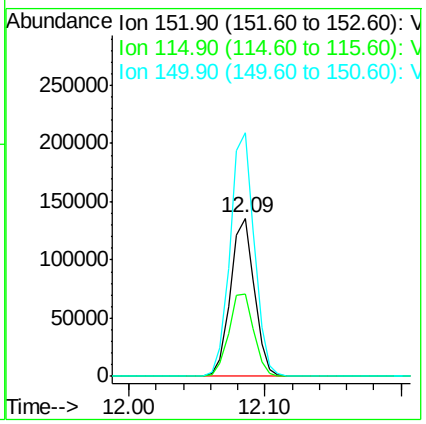


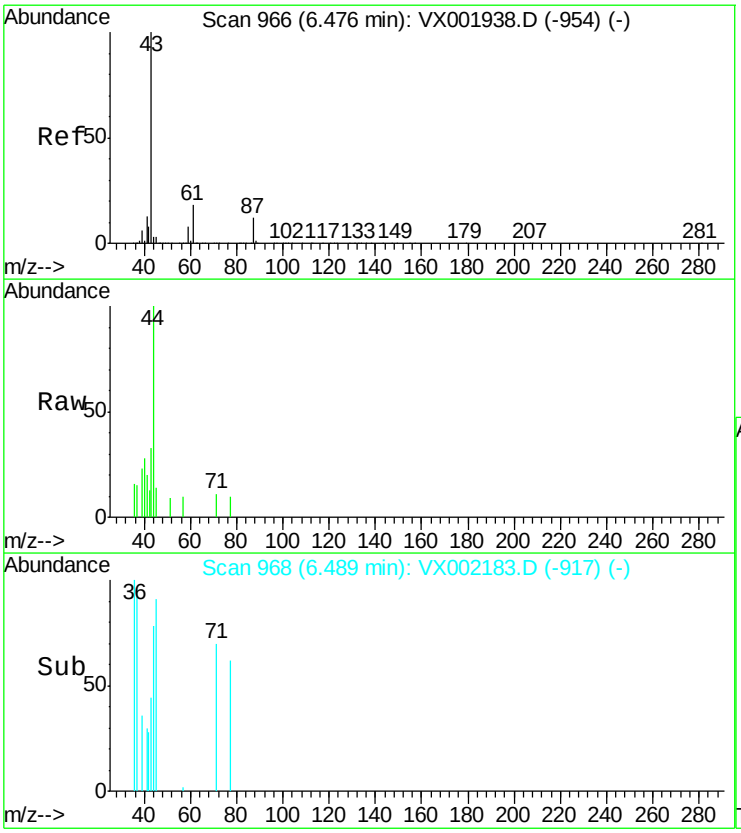
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 165561

Ion	Ratio	Lower	Upper
152	100		
115	55.2	42.3	126.8
150	155.9	0.0	351.0

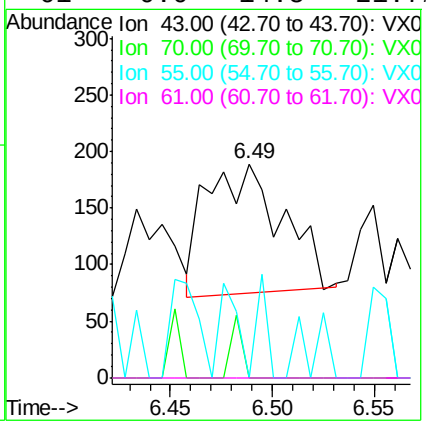


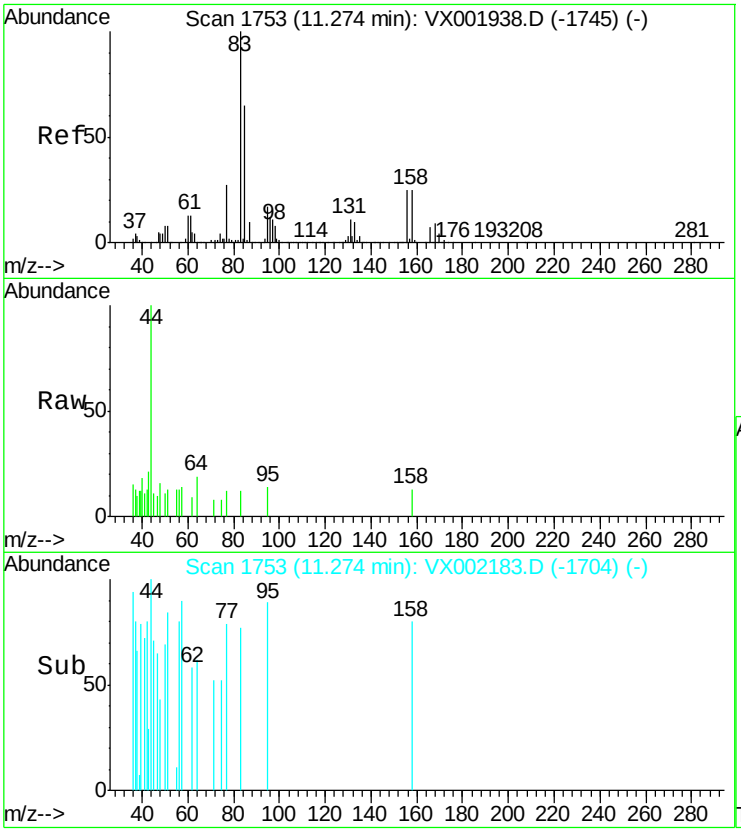


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 43 Resp: 297

Ion	Ratio	Lower	Upper
43	100		
70	6.7	0.1	0.1#
55	17.5	0.1	0.1#
61	0.0	14.5	21.7#



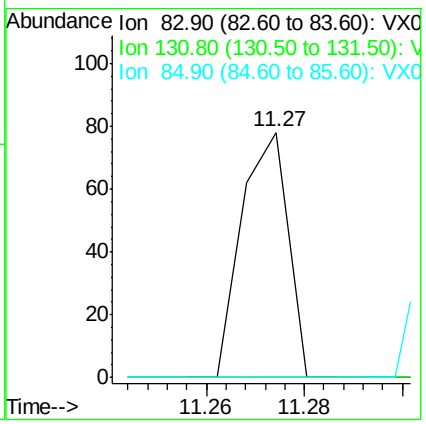


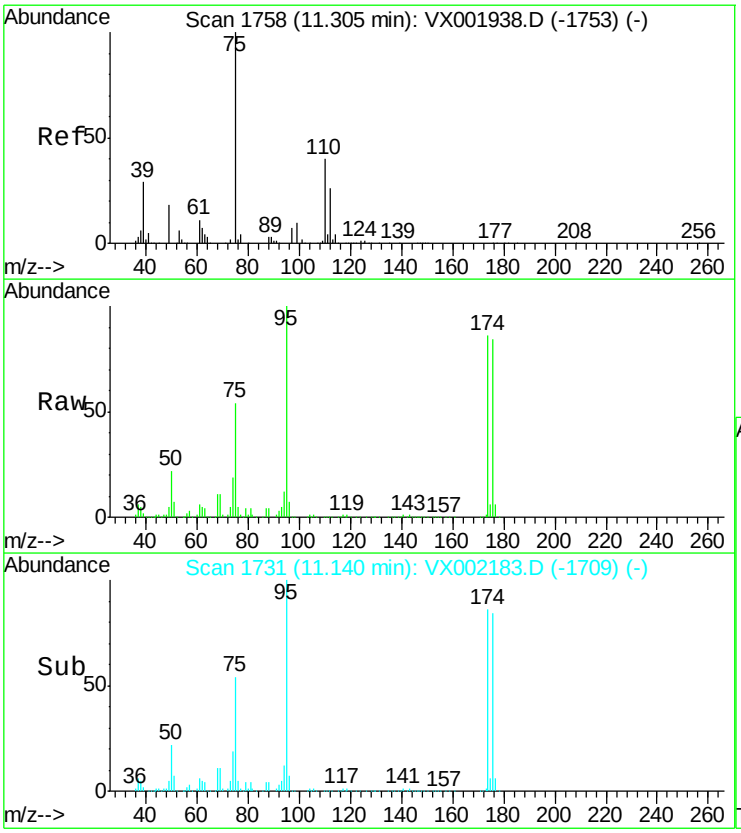
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.27 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

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#

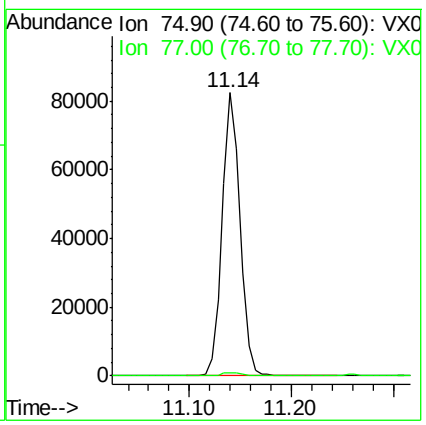


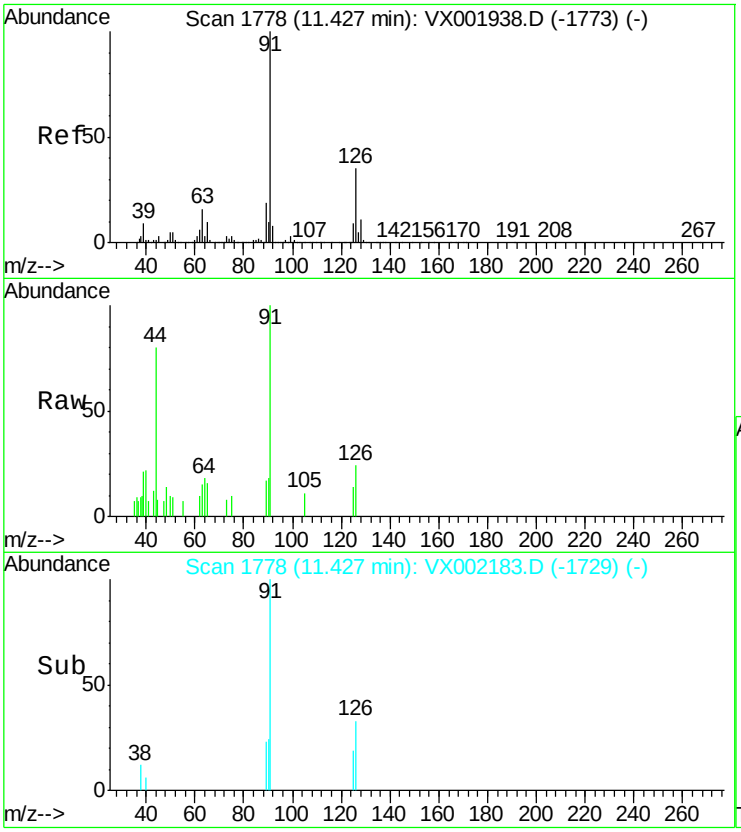


#76
1,2,3-Trichloropropane
Concen: 25.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 75 Resp: 100371

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



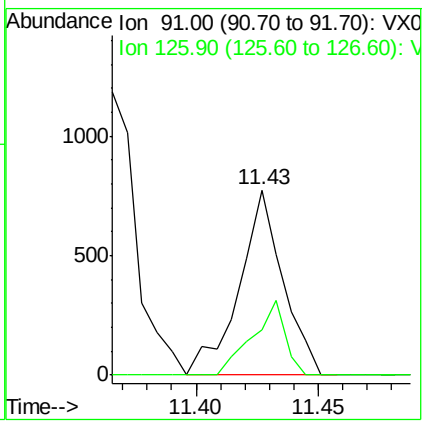


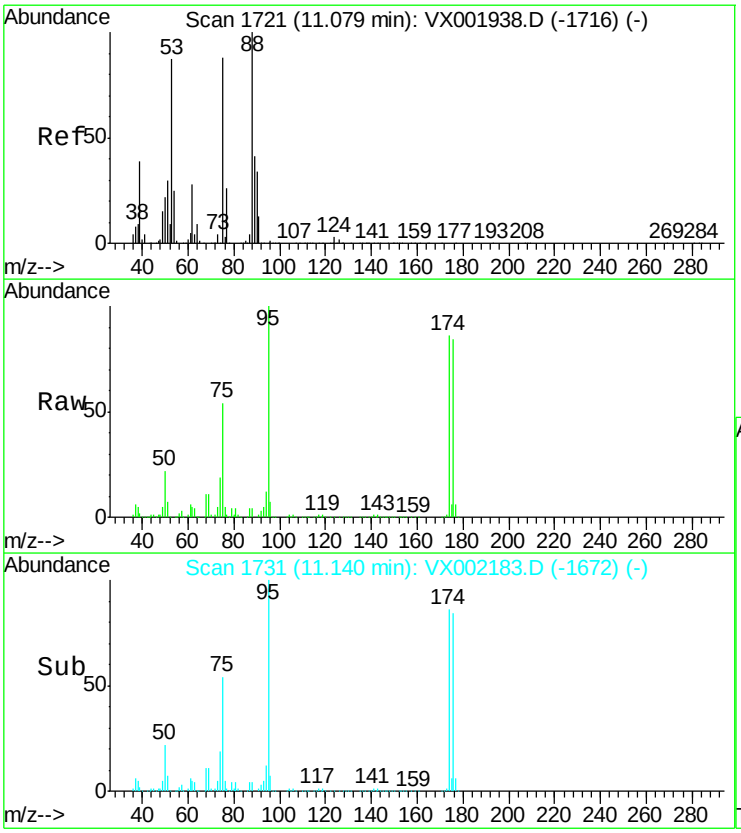
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 966

Ion	Ratio	Lower	Upper
91	100		
126	30.2	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 60.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002183.D
Acq: 31 May 2018 17:53

Tgt Ion: 75 Resp: 100371

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