Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002219.D
Acq On : 01 Jun 2018 18:36
Operator : JC/MD
Sample : J3118-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:19:54 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	222743	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	319447	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	283306	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151517	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	219815	55.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.42%				
35) Dibromofluoromethane	5.51	113	161638	50.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.20%				
50) Toluene-d8	8.72	98	633802	54.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.60%				
62) 4-Bromofluorobenzene	11.14	95	215554	47.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	252	Below Cal		#	41
3) Chloromethane	1.32	50	1422	0.41	ug/l		91
5) Bromomethane	1.67	94	1426	Below Cal			87
6) Chloroethane	1.74	64	579	0.30	ug/l	#	43
10) Methyl Iodide	2.52	142	3267	0.87	ug/l	#	88
11) Tert butyl alcohol	3.03	59	1413	1.81	ug/l		99
12) 1,1-Dichloroethene	2.37	96	1222	0.47	ug/l	#	83
13) Acrolein	2.31	56	104	0.31	ug/l	#	1
15) Acrylonitrile	3.16	53	538	0.33	ug/l	#	34
16) Acetone	2.45	43	1929	1.26	ug/l		95
17) Carbon Disulfide	2.57	76	1630	0.22	ug/l	#	74
18) Methyl Acetate	2.78	43	749	Below Cal		#	68
19) Methyl tert-butyl Ether	3.22	73	1965	0.20	ug/l		92
20) Methylene Chloride	2.86	84	636	Below Cal		#	94
21) trans-1,2-Dichloroethene	3.17	96	812	Below Cal			82
24) 1,1-Dichloroethane	3.70	63	1135	0.22	ug/l	#	79
27) cis-1,2-Dichloroethene	4.60	96	15992	4.72	ug/l		95
28) Bromochloromethane	5.03	49	98	Below Cal		#	46
29) Tetrahydrofuran	5.18	42	574	0.31	ug/l	#	62
31) Cyclohexane	5.66	56	5091	0.93	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	15849	3.57	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20308	3.92	ug/l	#	14
41) Methacrylonitrile	5.09	41	158	Below Cal		#	33
44) Trichloroethene	7.22	130	42333	11.16	ug/l		92
49) 1,4-Dioxane	7.51	88	19	0.22	ug/l	#	1
55) 1,1,2-Trichloroethane	9.22	97	1286	0.37	ug/l		96
60) Dibromochloromethane	9.34	129	6652	1.62	ug/l	#	11
64) Tetrachloroethene	9.34	164	7492	1.84	ug/l		89
74) N-amyl acetate	6.46	43	45	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.14	83	301	Below Cal		#	1
76) 1,2,3-Trichloropropane	11.14	75	117885	32.39	ug/l	#	33
79) 2-Chlorotoluene	11.43	91	458	Below Cal			80
81) trans-1,4-Dichloro-2-buten	11.14	75	117885	77.85	ug/l	#	10

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002219.D
Acq On : 01 Jun 2018 18:36
Operator : JC/MD
Sample : J3118-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:19:54 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)

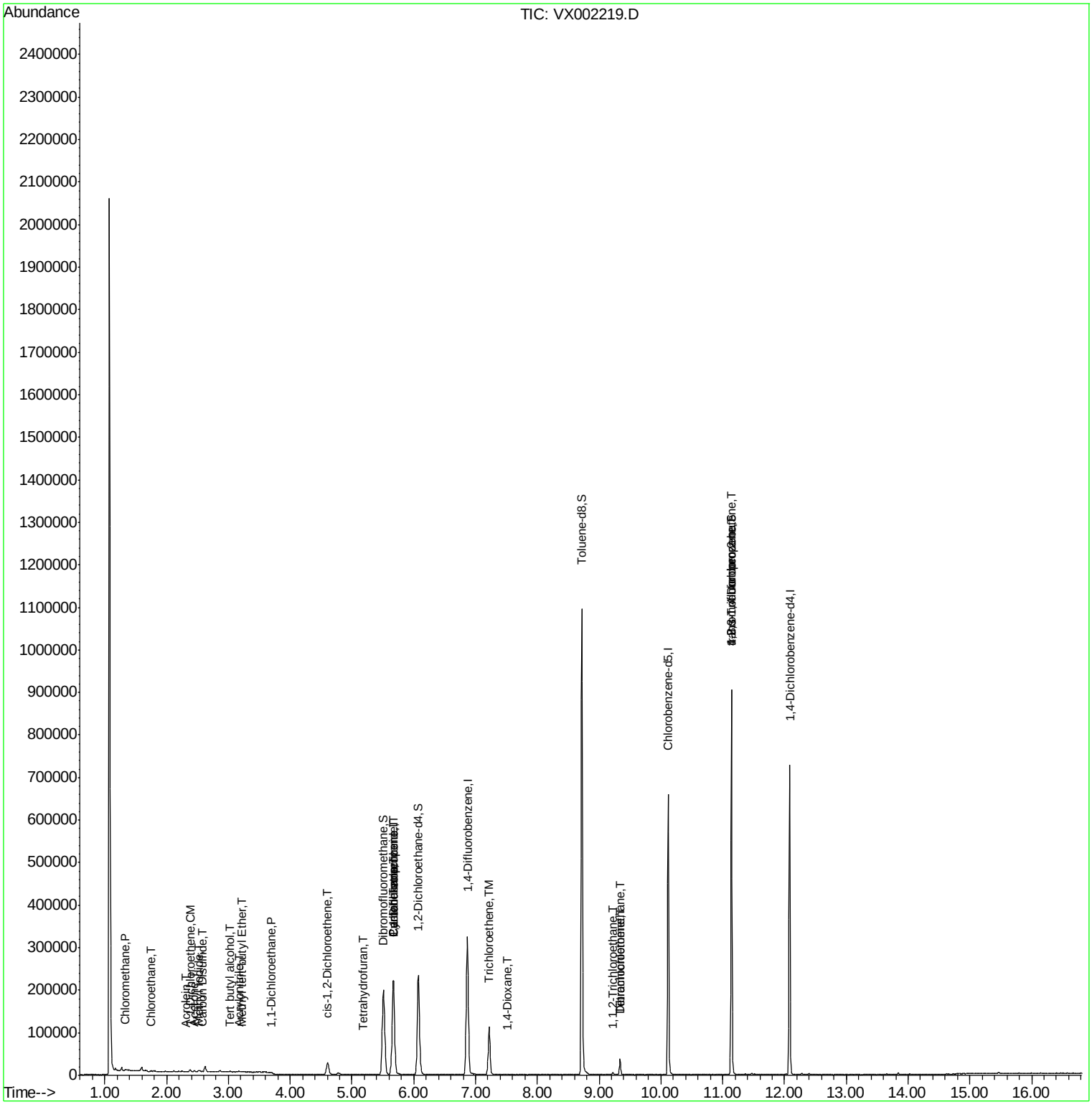
(#) = qualifier out of range (m) = manual integration (+) = signals summed

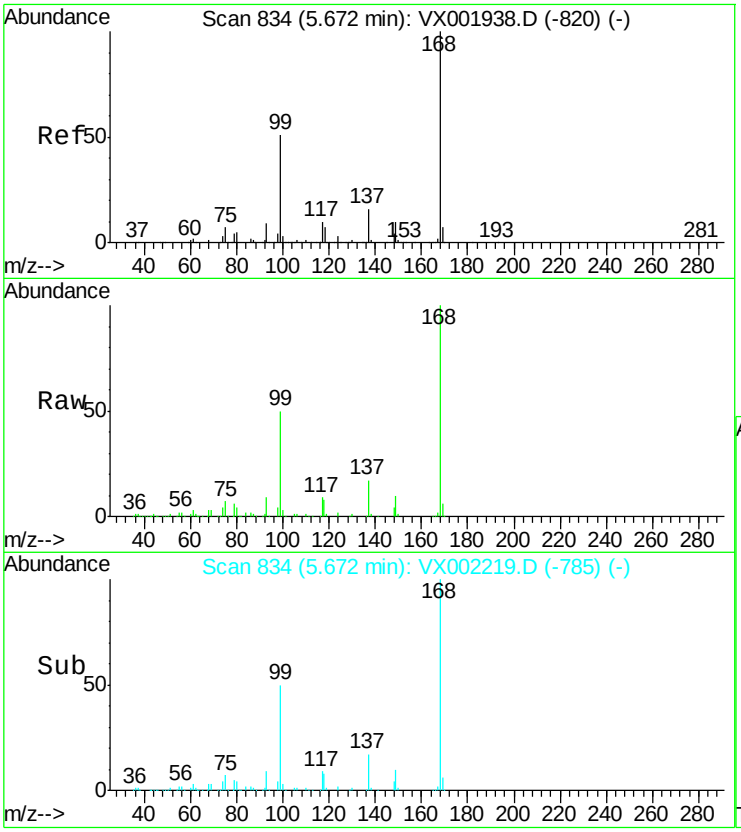
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
Data File : VX002219.D
Acq On : 01 Jun 2018 18:36
Operator : JC/MD
Sample : J3118-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:19:54 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



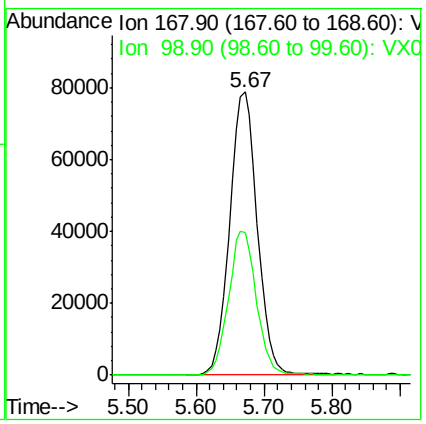


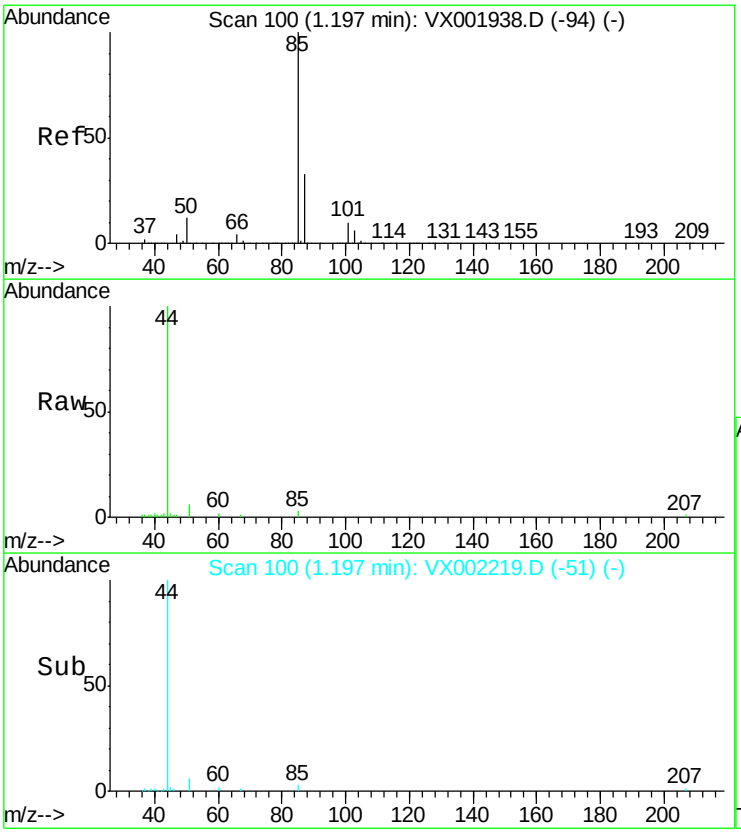
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 222743

Ion	Ratio	Lower	Upper
168	100		
99	50.2	41.0	61.4

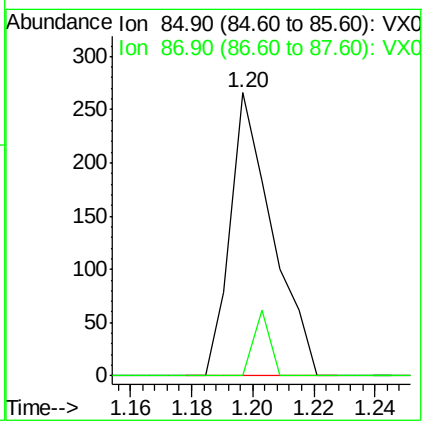


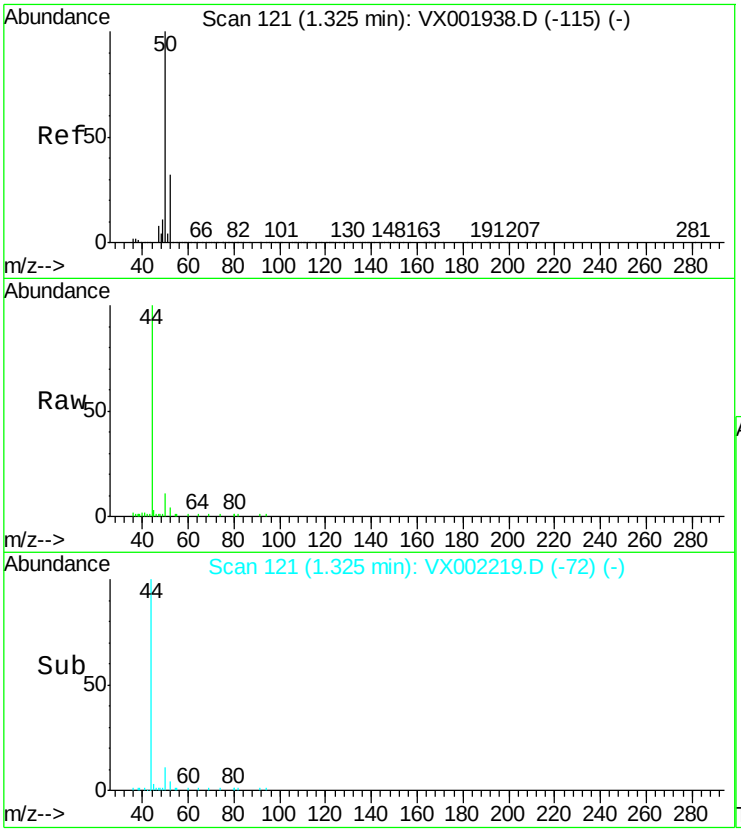


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 85 Resp: 252

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



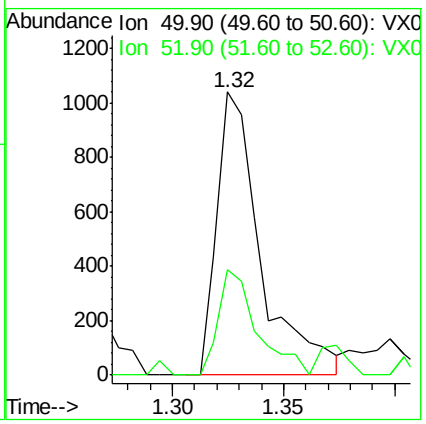


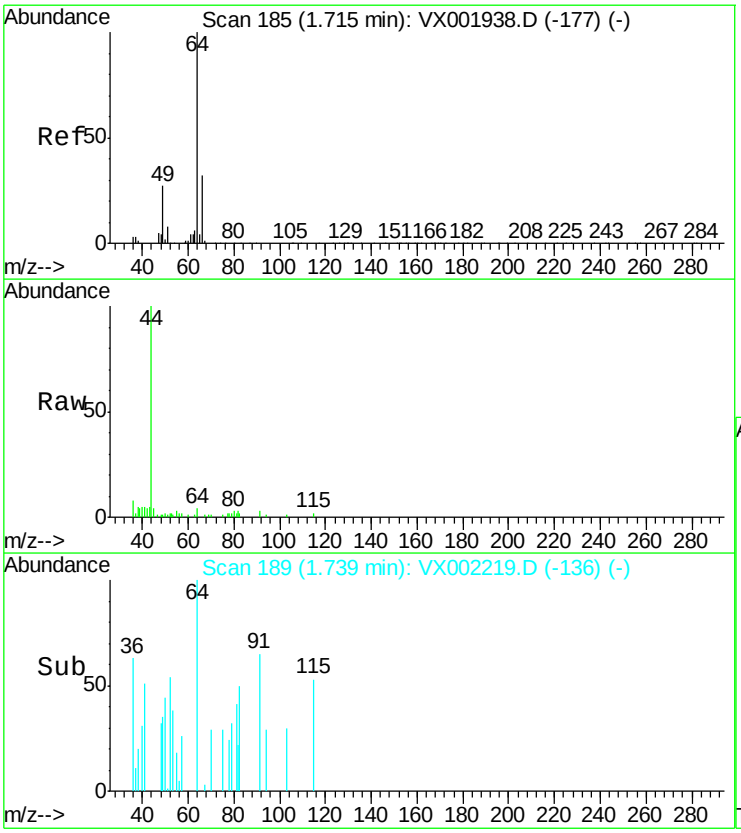
#3
Chloromethane
Concen: 0.41 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1422

Ion	Ratio	Lower	Upper
50	100		
52	37.3	26.0	39.0

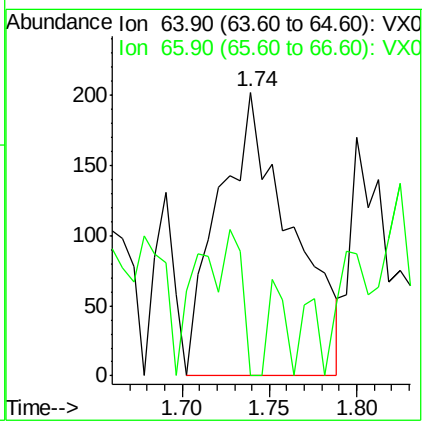


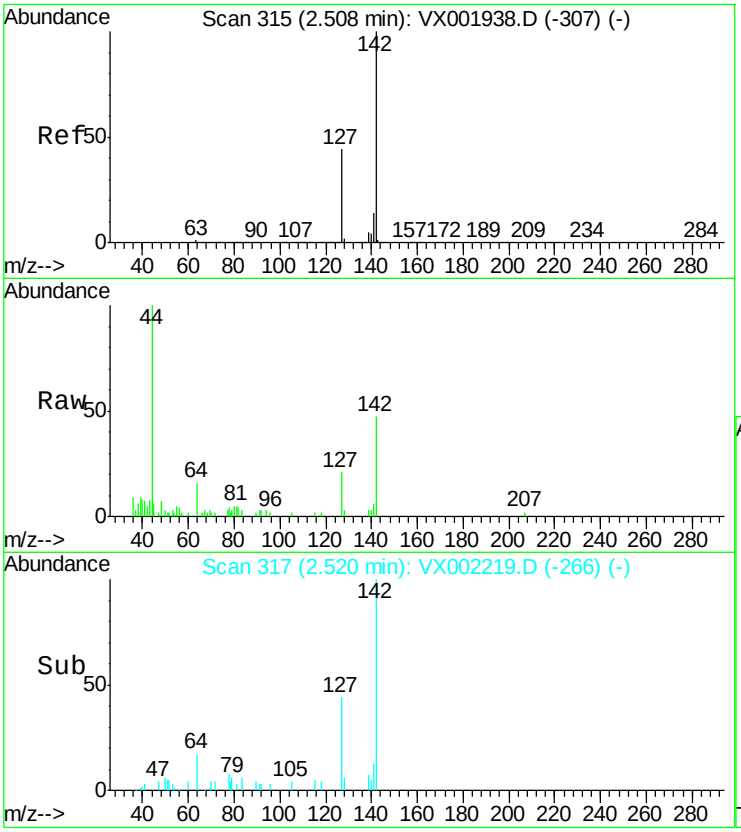


#6
Chloroethane
Concen: 0.30 ug/l
RT: 1.74 min Scan# 189
Delta R.T. 0.02 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 64 Resp: 579

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.6	38.4#



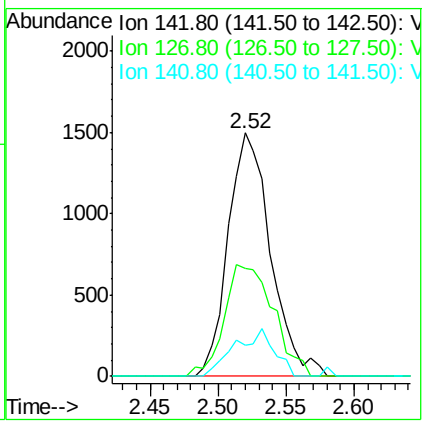


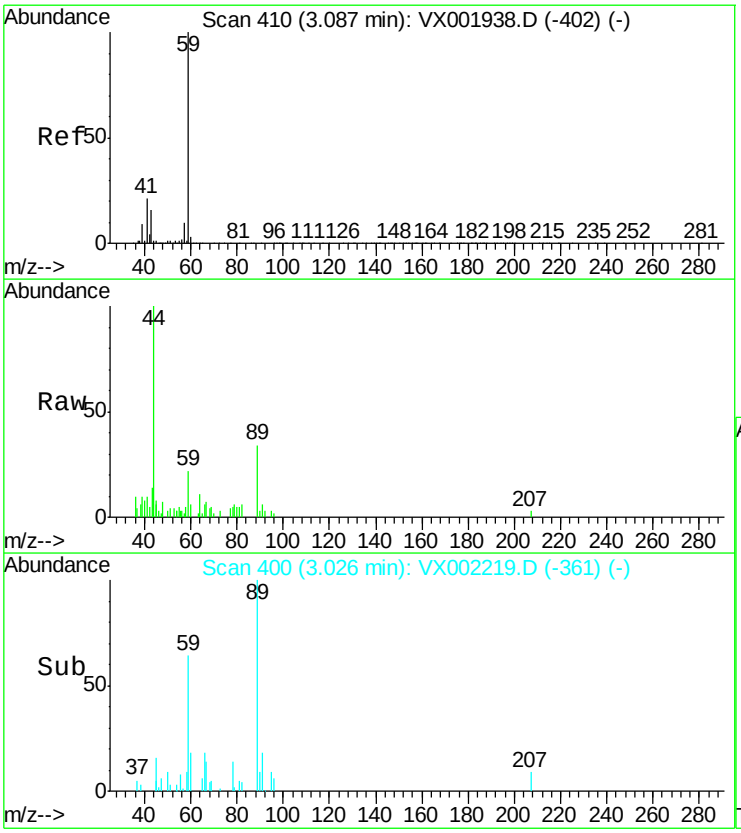
#10
Methyl Iodide
Concen: 0.87 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 3267

Ion	Ratio	Lower	Upper
142	100		
127	52.9	35.5	53.3
141	18.2	11.3	16.9#

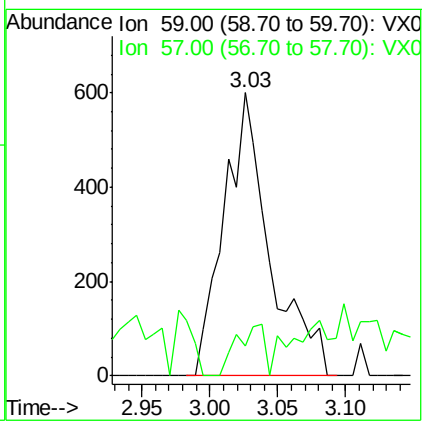


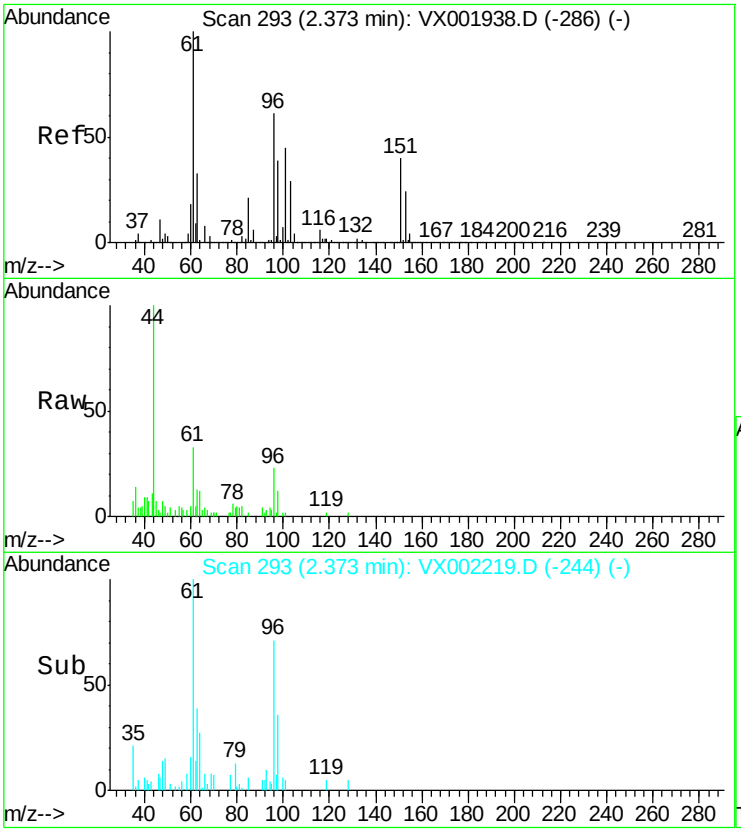


#11
Tert butyl alcohol
Concen: 1.81 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 59 Resp: 1413

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3



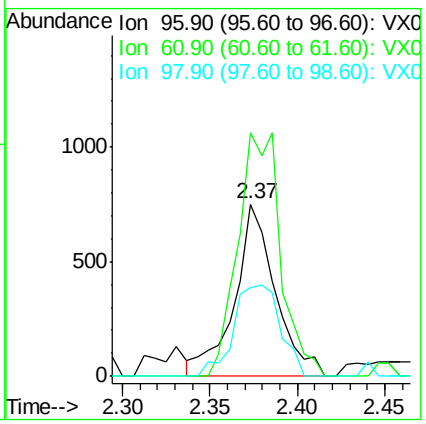


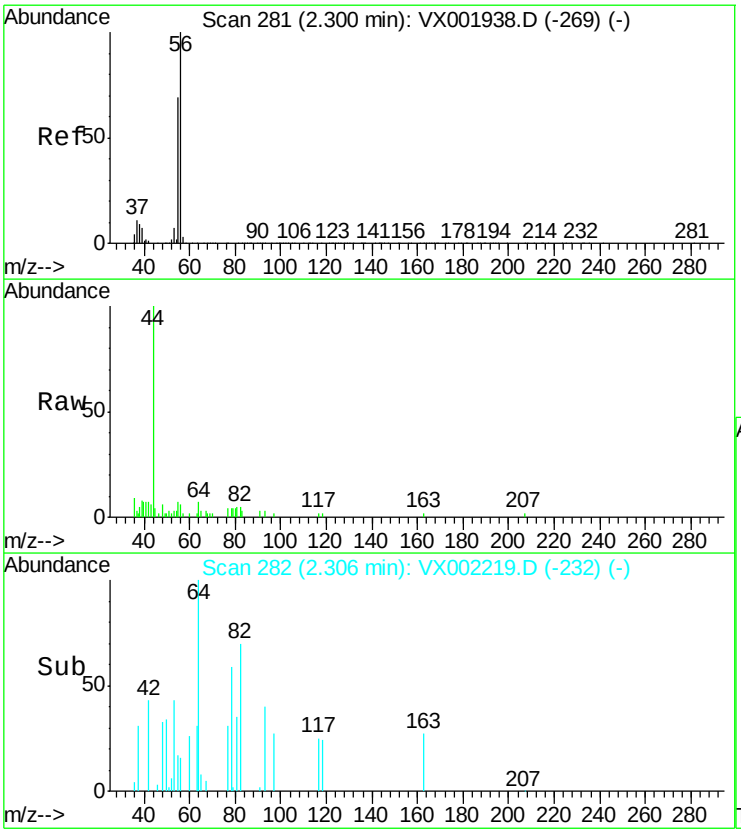
#12
1,1-Dichloroethene
Concen: 0.47 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1222

Ion	Ratio	Lower	Upper
96	100		
61	141.2	131.7	197.5
98	51.3	51.6	77.4#

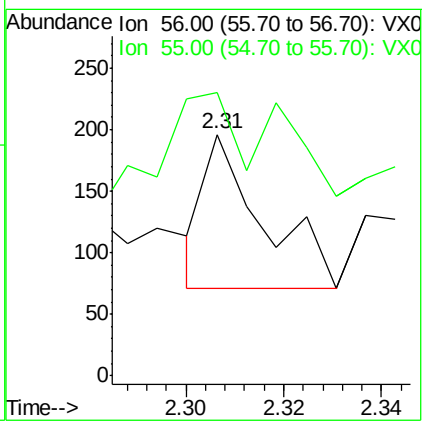


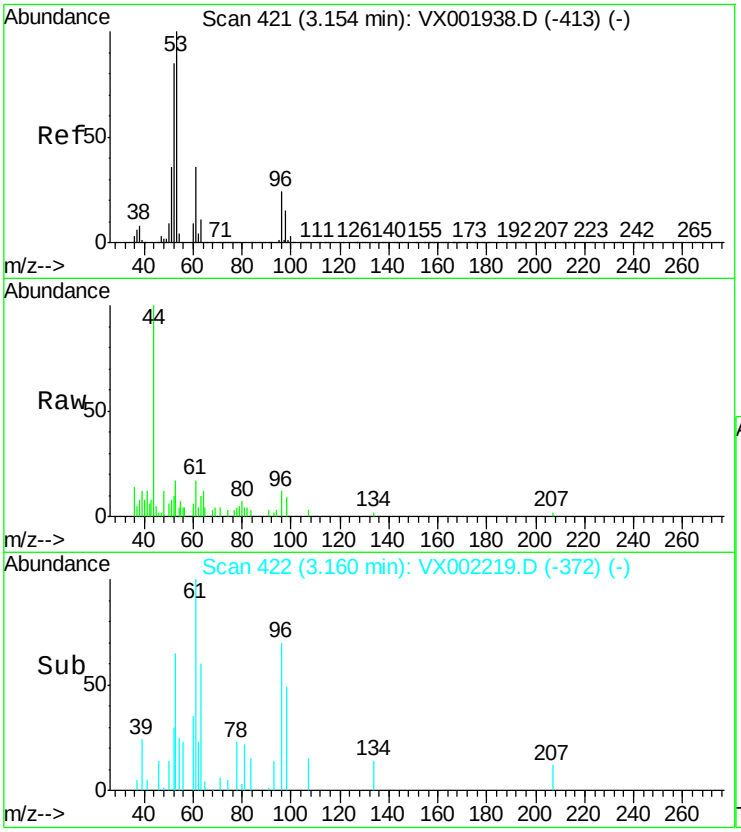


#13
Acrolein
Concen: 0.31 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 56 Resp: 104

Ion	Ratio	Lower	Upper
56	100		
55	153.8	56.8	85.2#



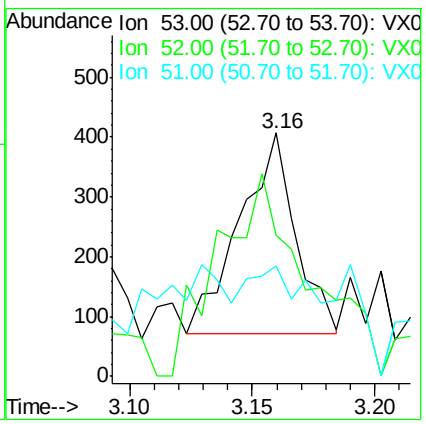


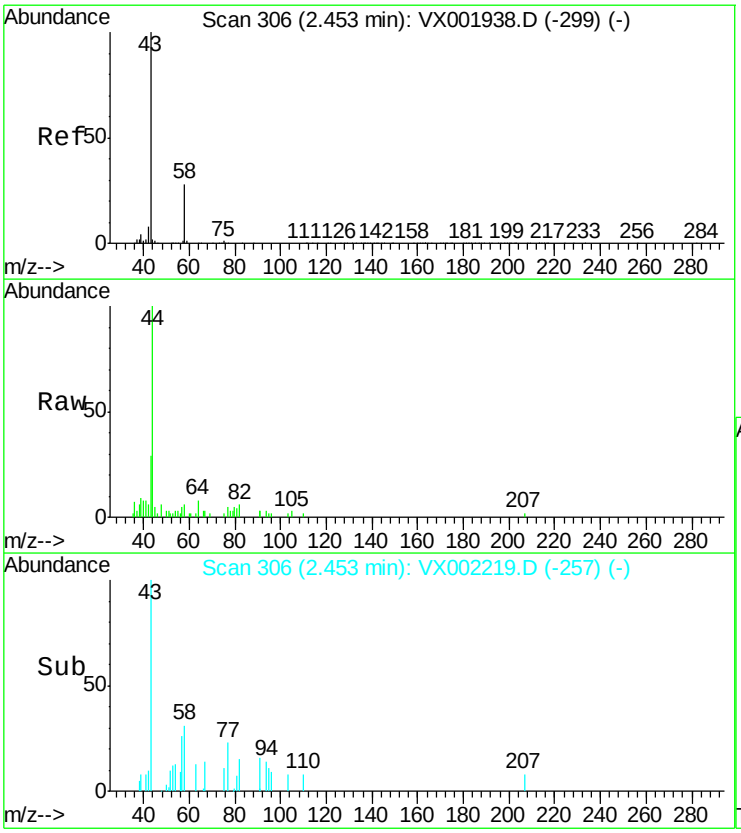
#15
Acrylonitrile
Concen: 0.33 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 538

Ion	Ratio	Lower	Upper
53	100		
52	163.8	66.4	99.6#
51	28.6	29.3	43.9#

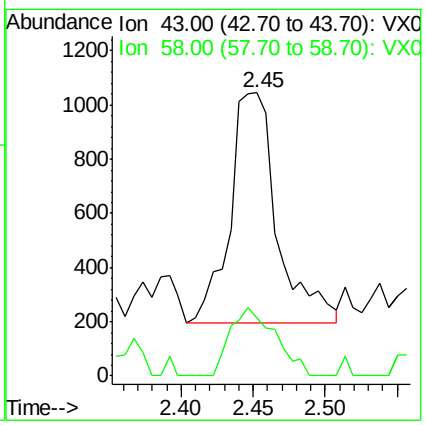


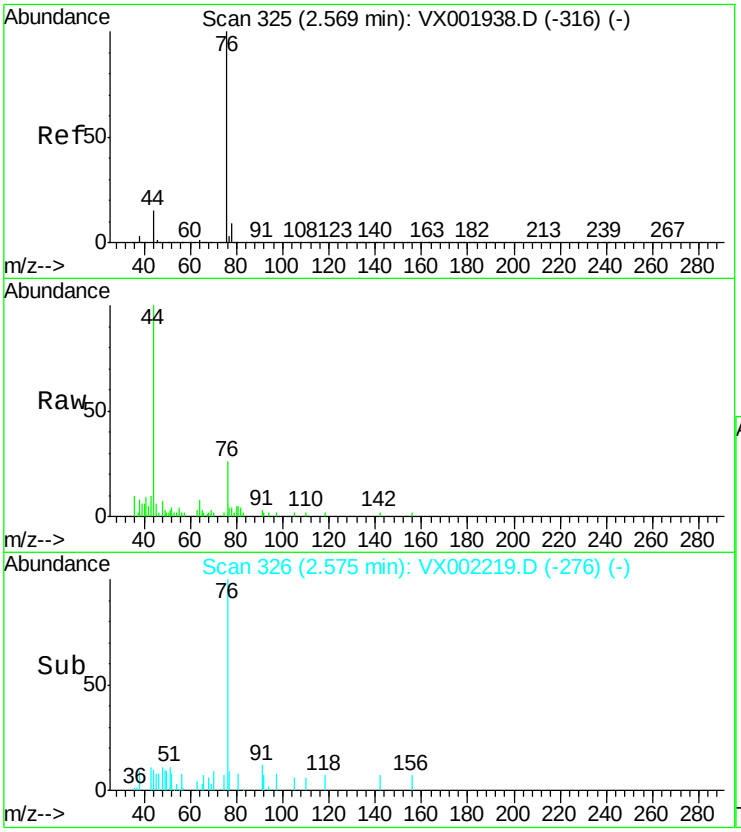


#16
Acetone
Concen: 1.26 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 43 Resp: 1929

Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.3	33.5



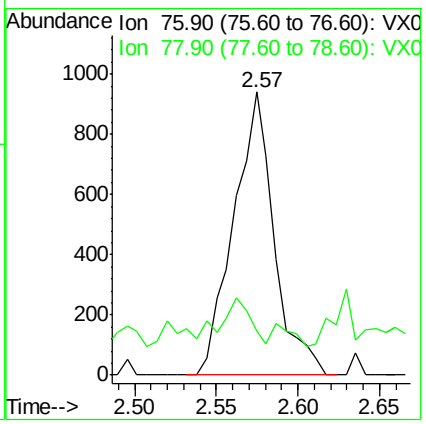


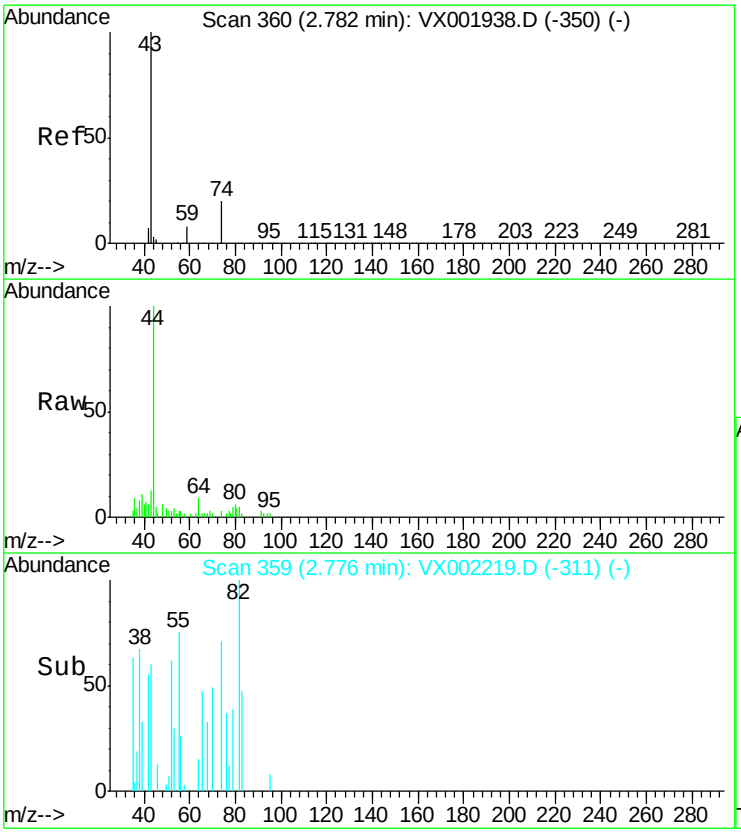
#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1630

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

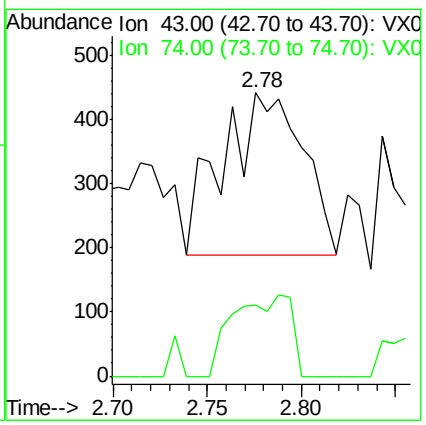


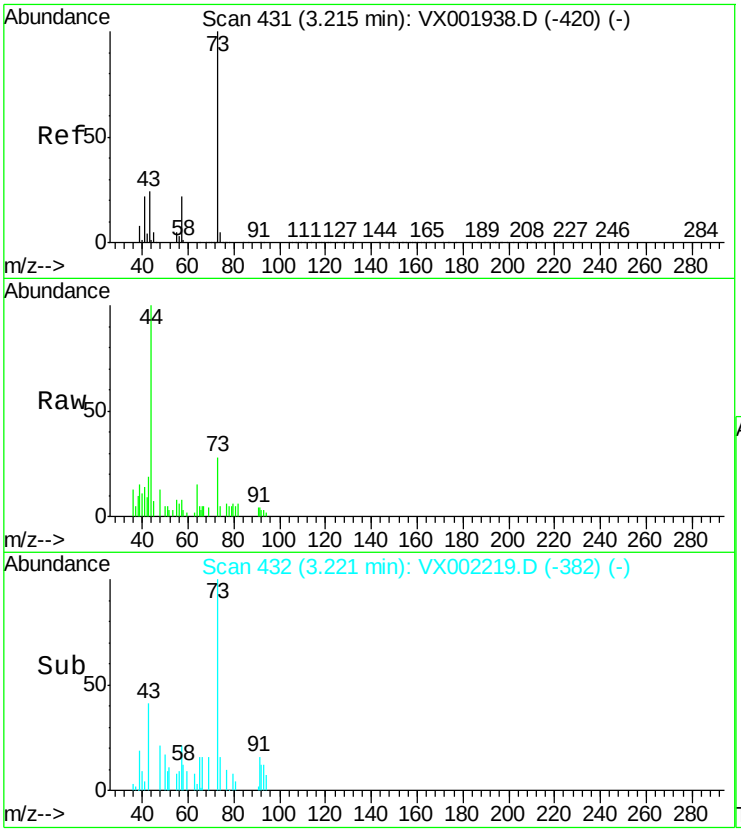


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 43 Resp: 749

Ion	Ratio	Lower	Upper
43	100		
74	36.0	16.8	25.2#



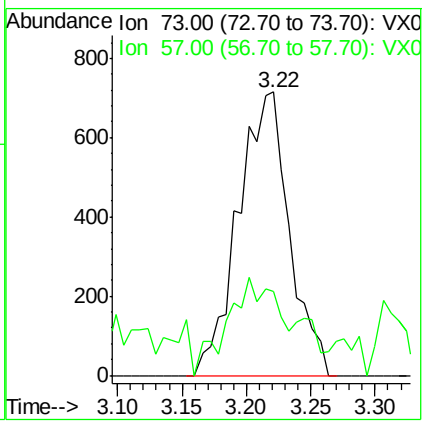


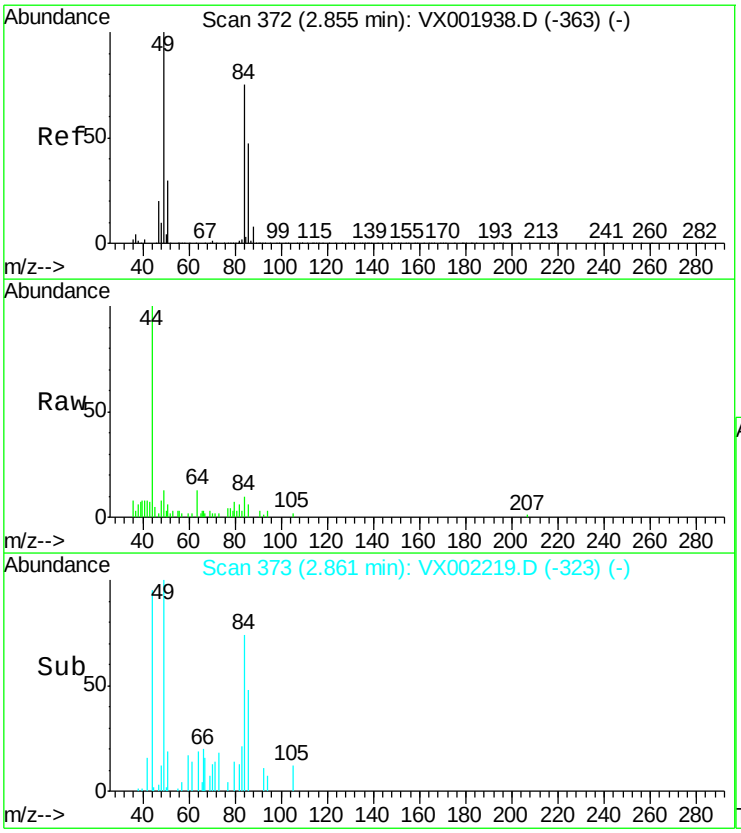
#19
Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 1965

Ion	Ratio	Lower	Upper
73	100		
57	17.8	17.4	26.0

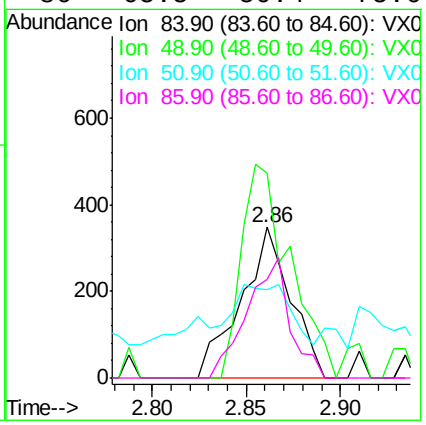


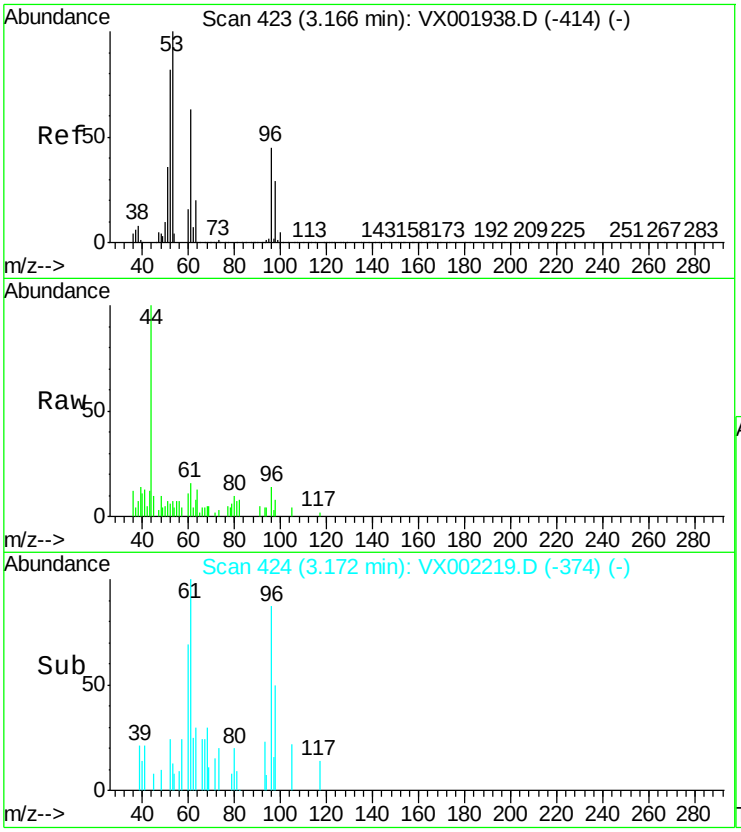


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 84 Resp: 636

Ion	Ratio	Lower	Upper
84	100		
49	135.9	107.2	160.8
51	26.7	32.4	48.6#
86	65.5	50.4	75.6



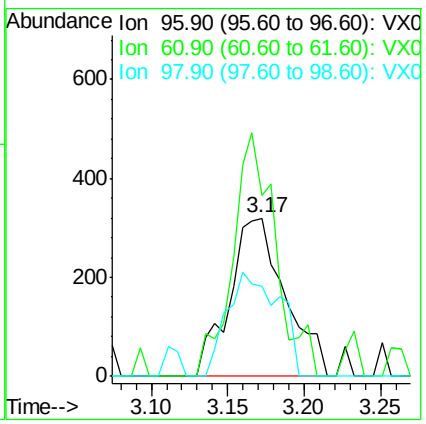


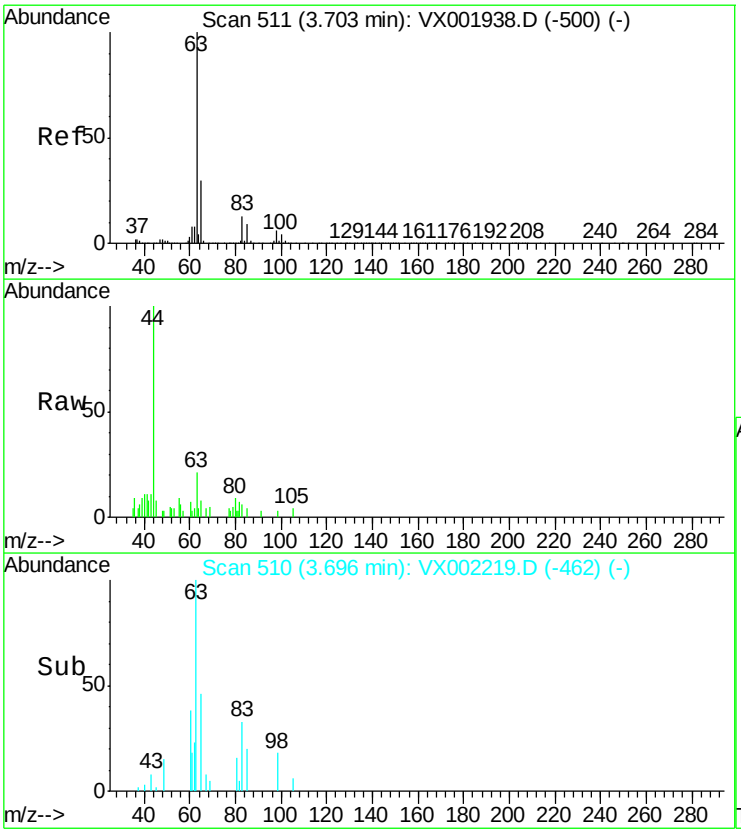
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 812

Ion	Ratio	Lower	Upper
96	100		
61	114.4	113.3	169.9
98	57.4	51.7	77.5

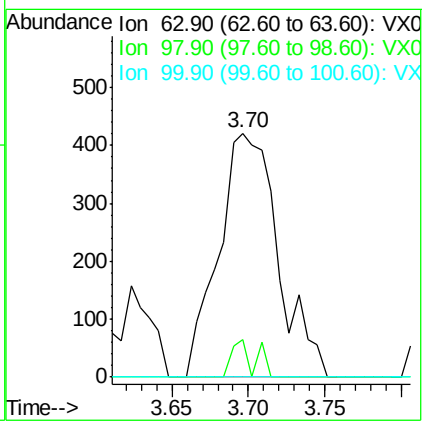


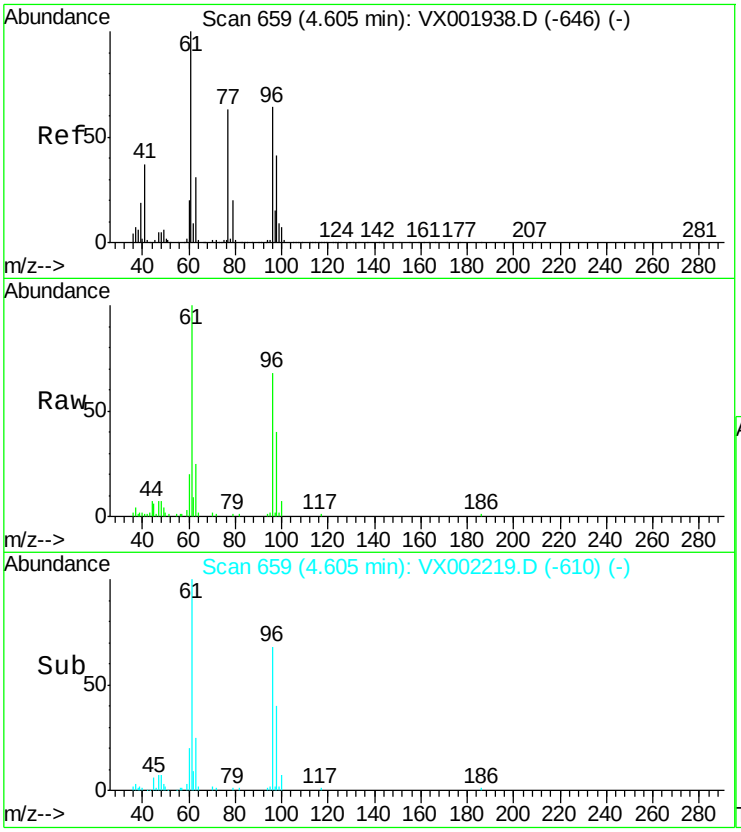


#24
1,1-Dichloroethane
Concen: 0.22 ug/l
RT: 3.70 min Scan# 510
Delta R.T. -0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 63 Resp: 1135

Ion	Ratio	Lower	Upper
63	100		
98	15.4	3.3	9.8#
100	0.0	2.1	6.5#



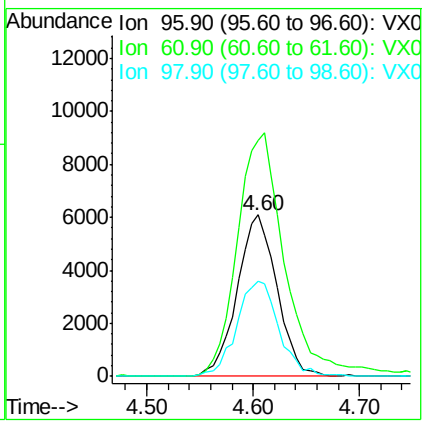


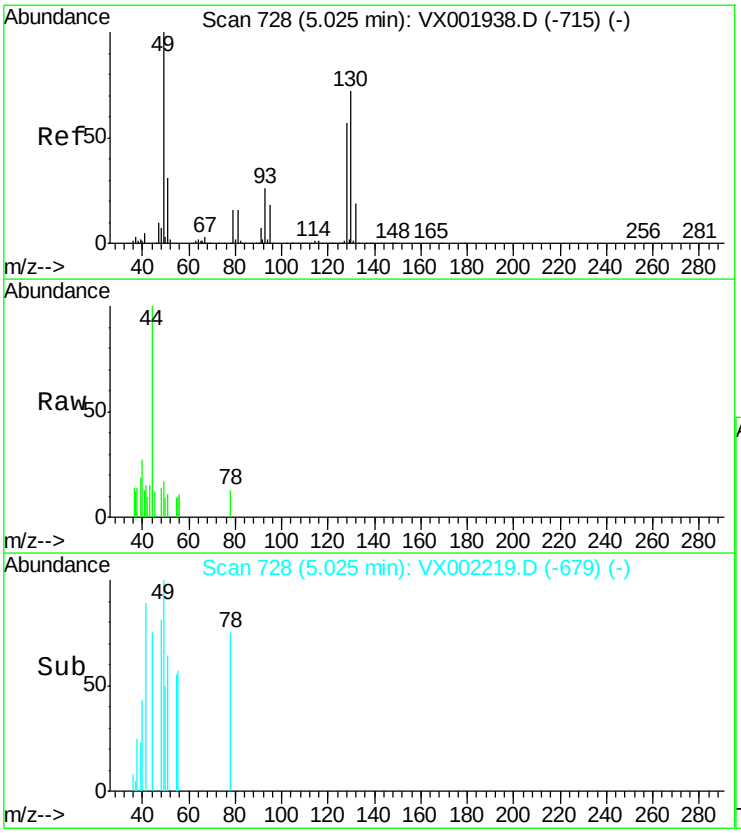
#27
cis-1,2-Dichloroethene
Concen: 4.72 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 15992

Ion	Ratio	Lower	Upper
96	100		
61	181.9	0.0	348.4
98	62.4	0.0	128.6

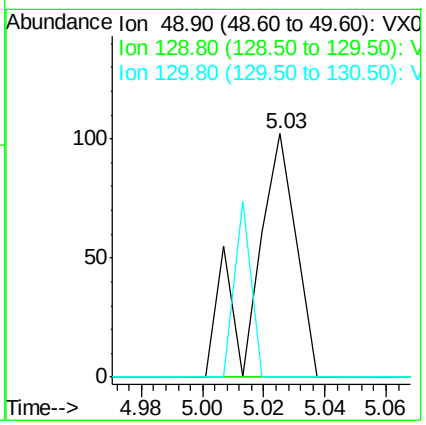


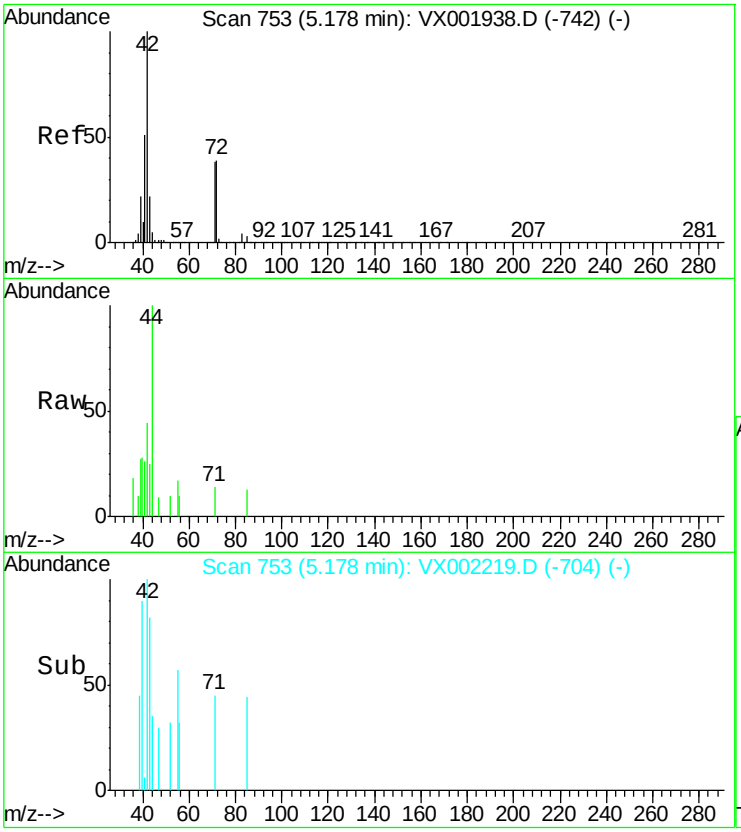


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 49 Resp: 98

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	27.6	59.4	89.2#



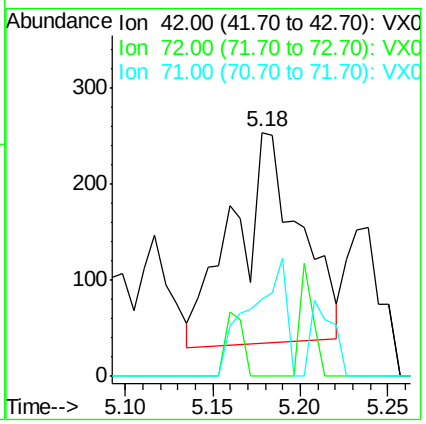


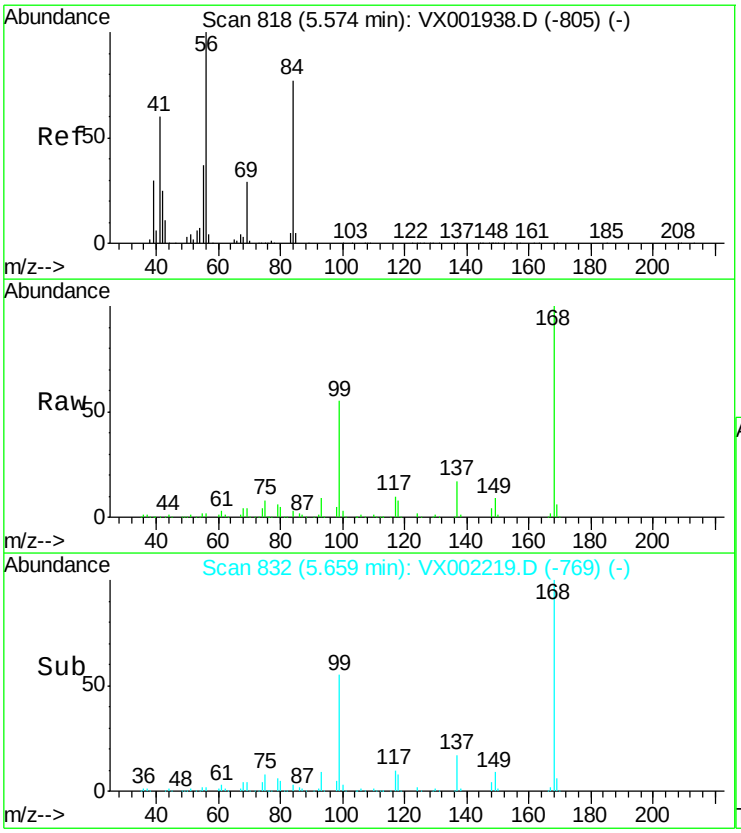
#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 574

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	30.3	29.5	44.3

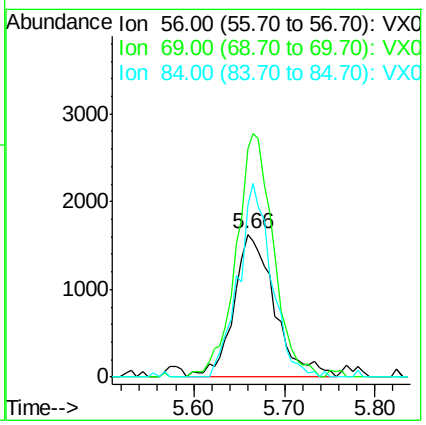


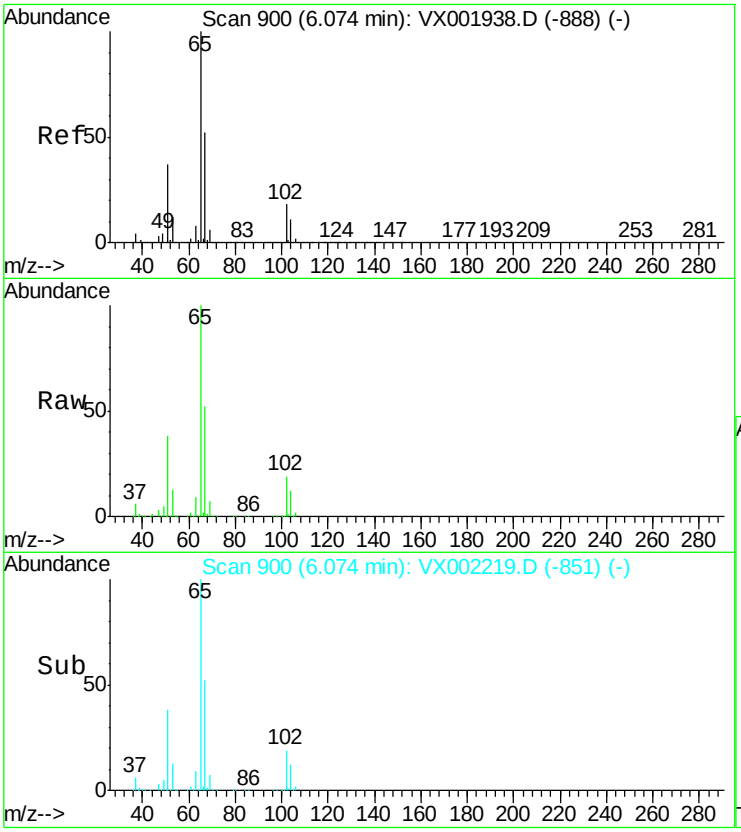


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.09 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 56 Resp: 5091

Ion	Ratio	Lower	Upper
56	100		
69	159.6	23.1	34.7#
84	120.6	62.0	93.0#



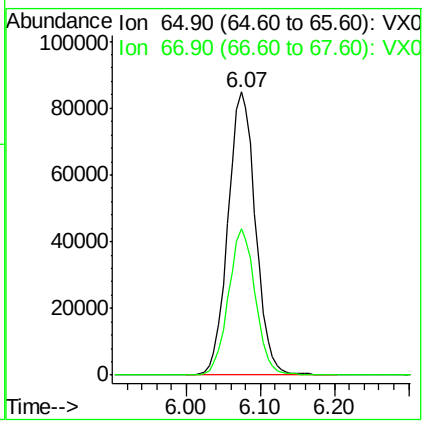


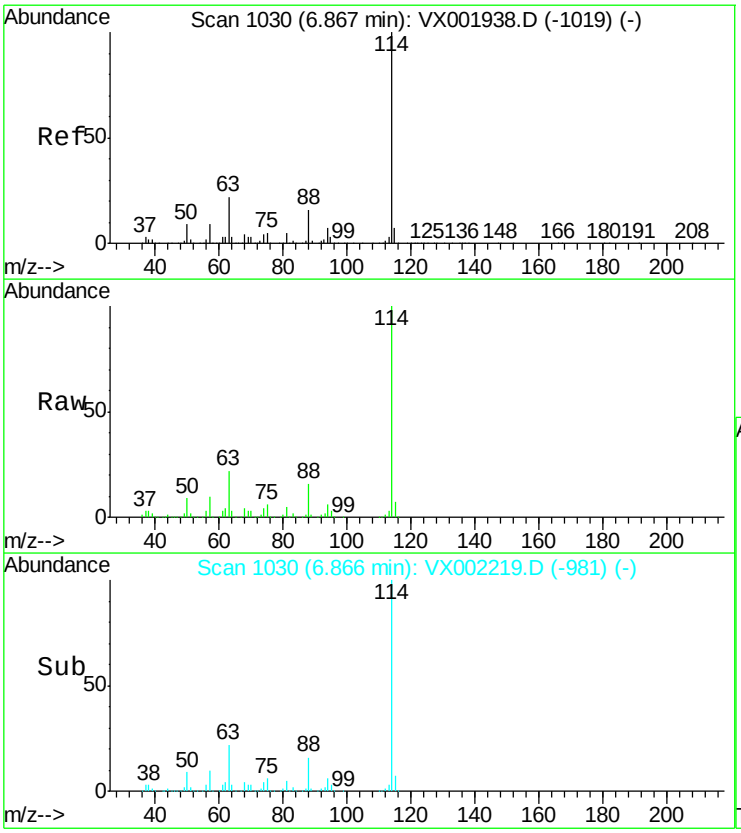
#33
1,2-Dichloroethane-d4
Concen: 55.21 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 219815

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.0

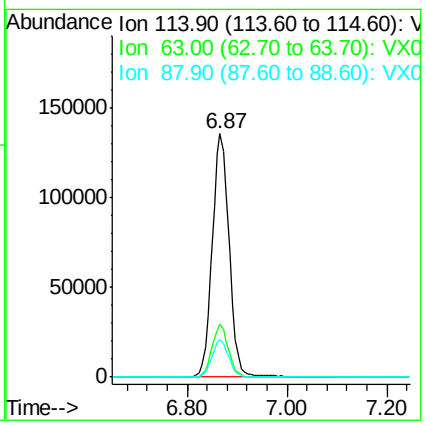


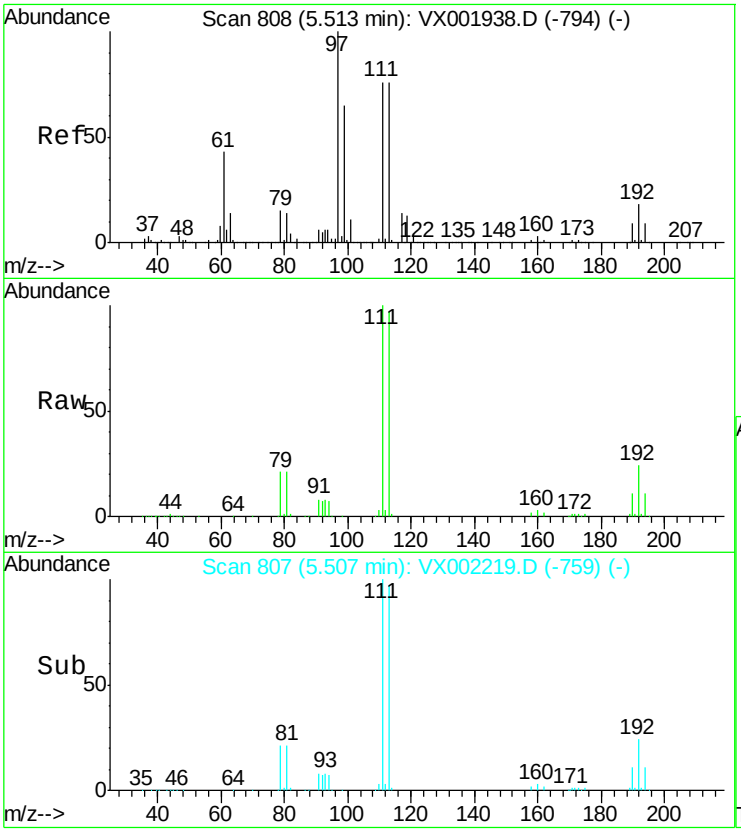


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion:114 Resp: 319447

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	15.5	0.0	31.6



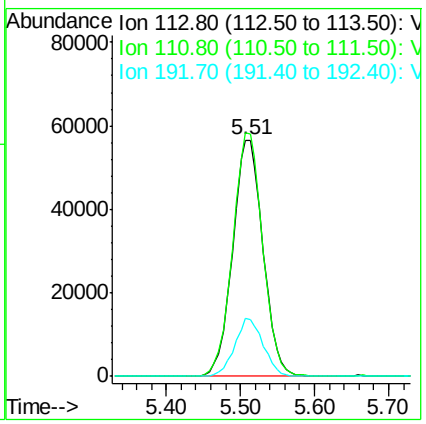


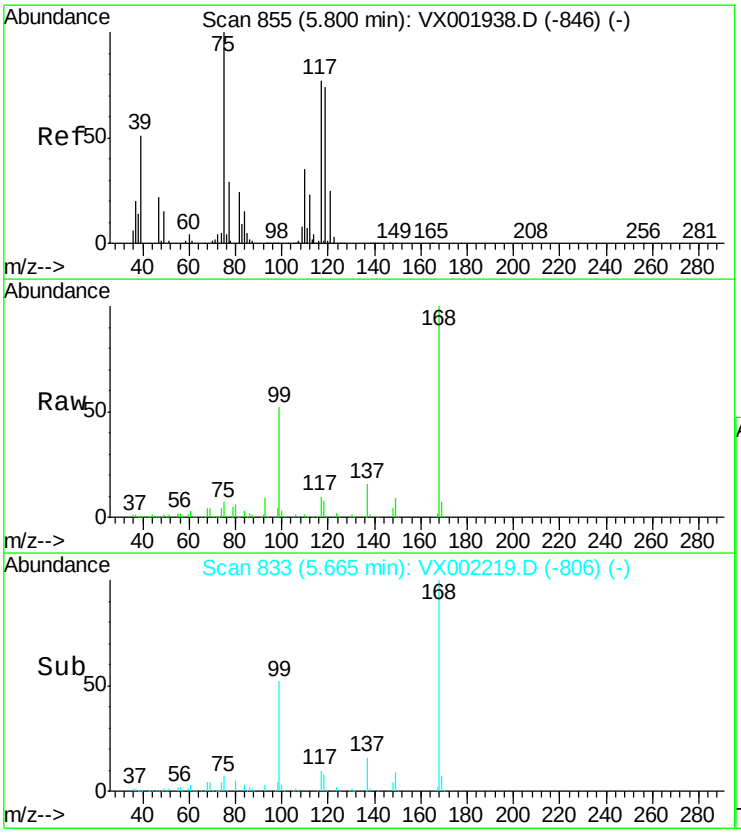
#35
Dibromofluoromethane
Concen: 50.60 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 161638

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	23.1	18.9	28.3

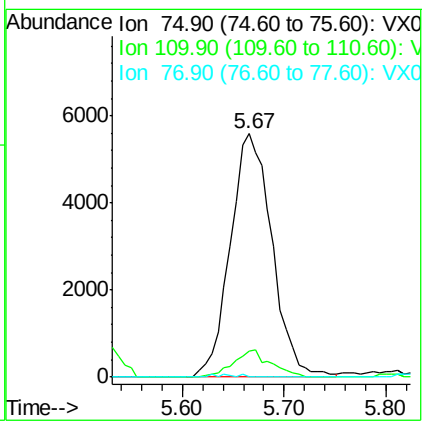


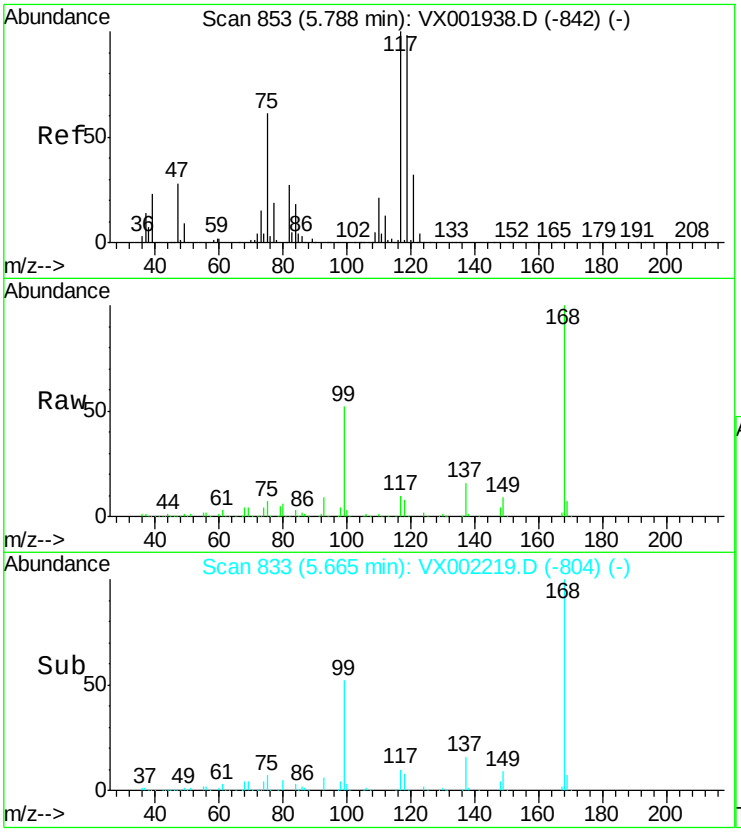


#36
1,1-Dichloropropene
Concen: 3.57 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 75 Resp: 15849

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.4	52.2#
77	0.0	24.4	36.6#



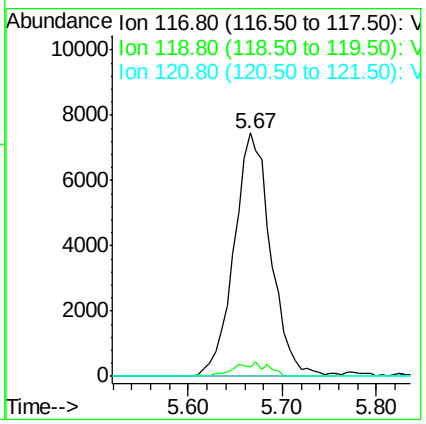


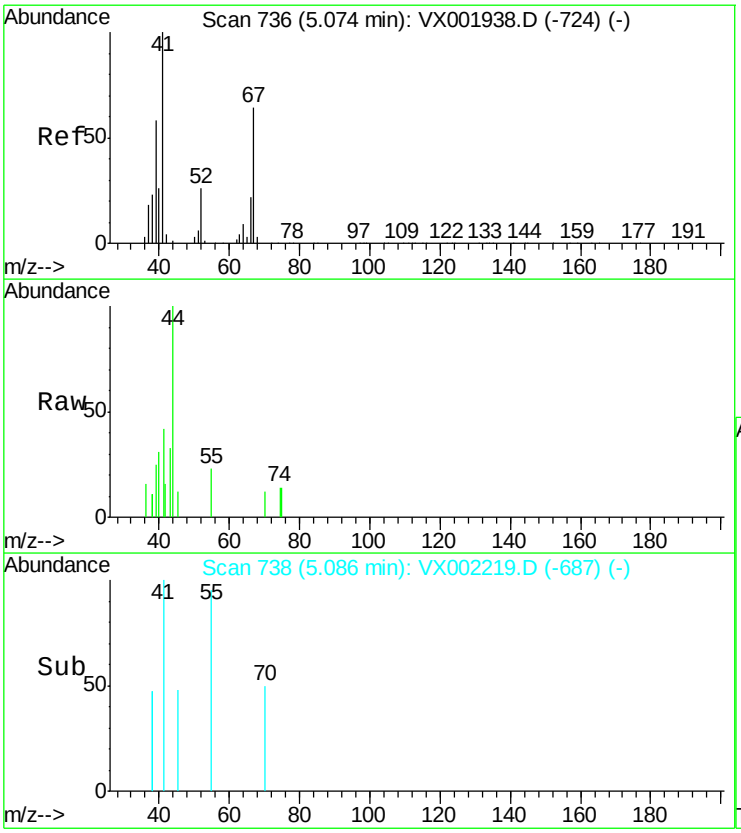
#38
Carbon Tetrachloride
Concen: 3.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20308

Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.5	117.7#
121	0.0	25.5	38.3#

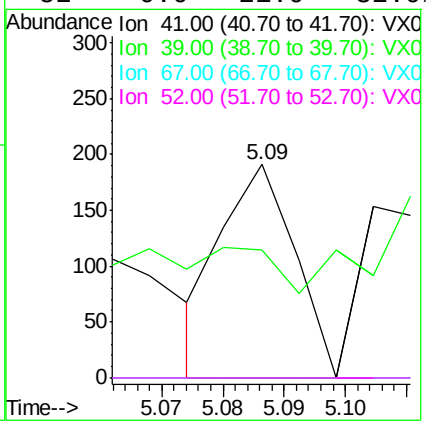


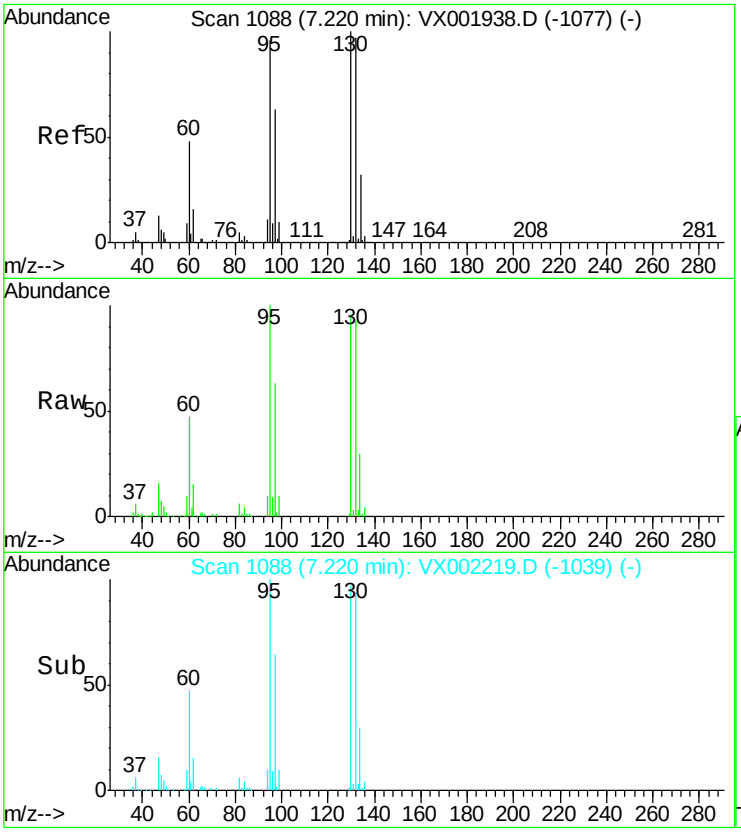


#41
Methacrylonitrile
Concen: Below Cal
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 41 Resp: 158

Ion	Ratio	Lower	Upper
41	100		
39	13.9	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



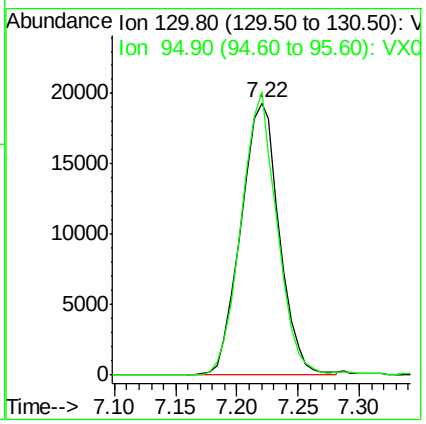


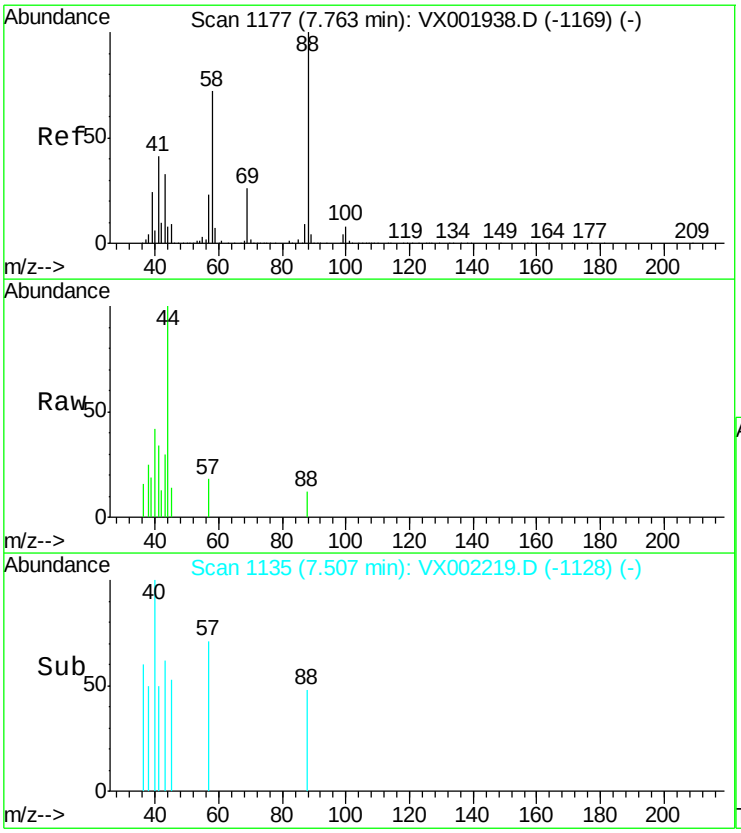
#44
Trichloroethene
Concen: 11.16 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 42333

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	192.0

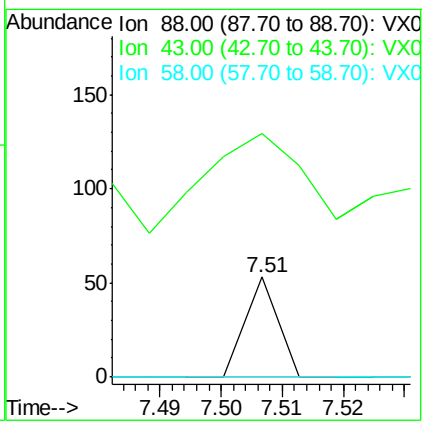


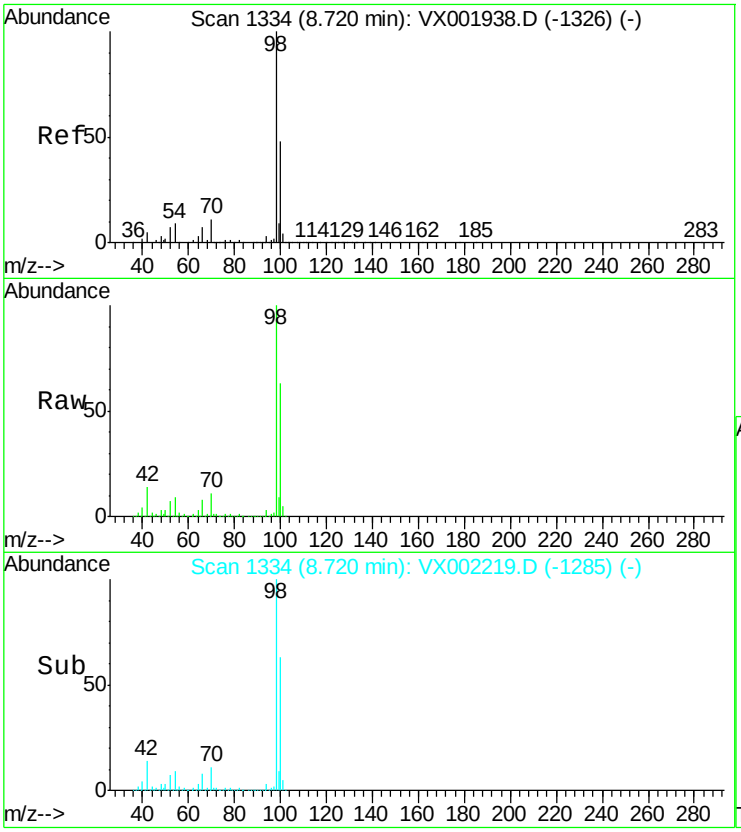


#49
1,4-Dioxane
Concen: 0.22 ug/l
RT: 7.51 min Scan# 1135
Delta R.T. -0.26 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	310.5	29.8	44.8#
58	0.0	58.7	88.1#



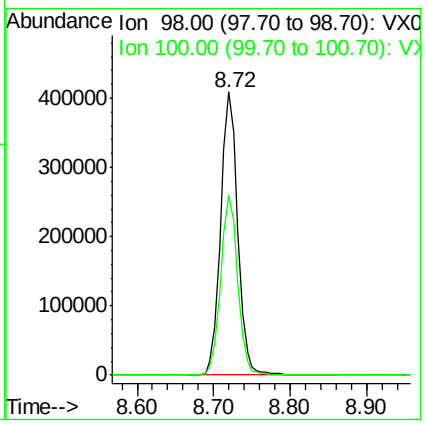


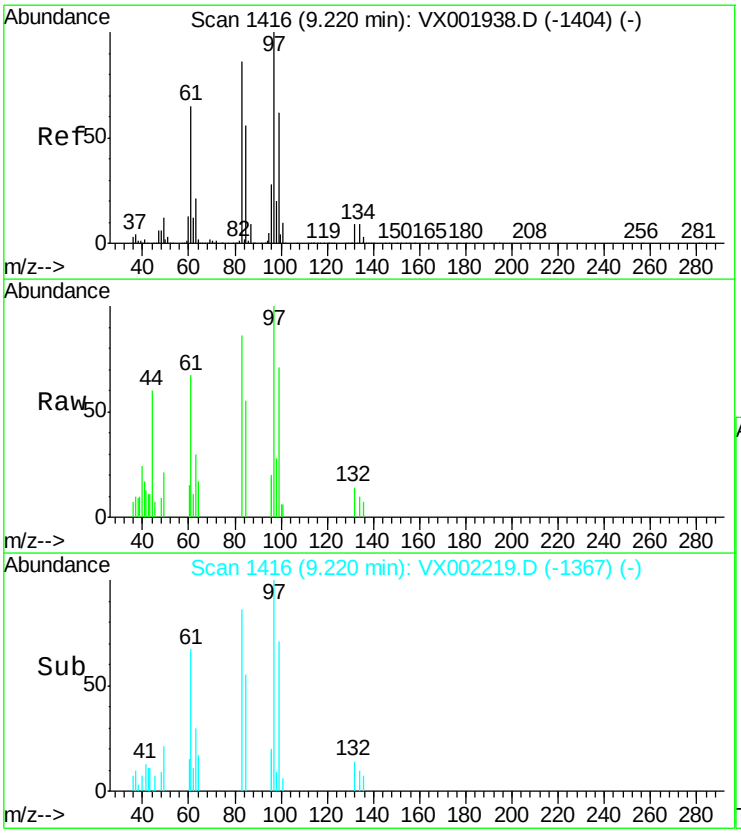
#50
Toluene-d8
Concen: 54.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 633802

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3

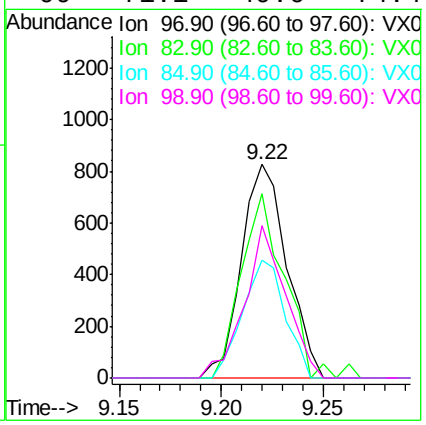


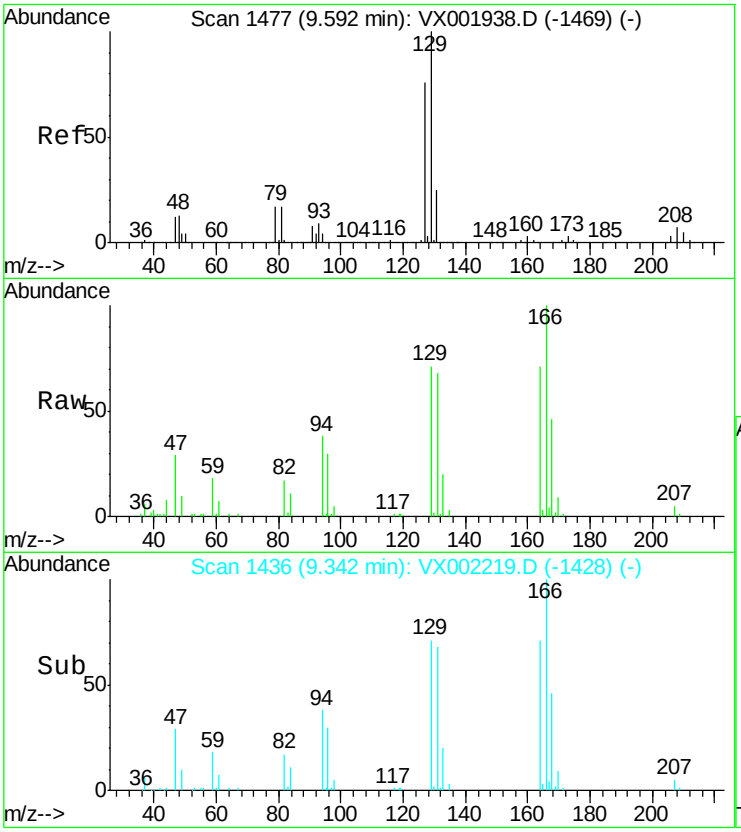


#55
1,1,2-Trichloroethane
Concen: 0.37 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 97 Resp: 1286

Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.1	103.7
85	55.0	45.2	67.8
99	71.1	49.6	74.4



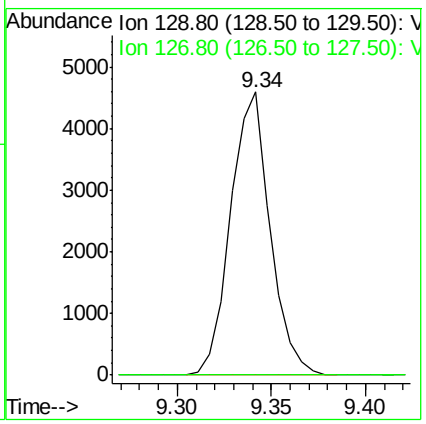


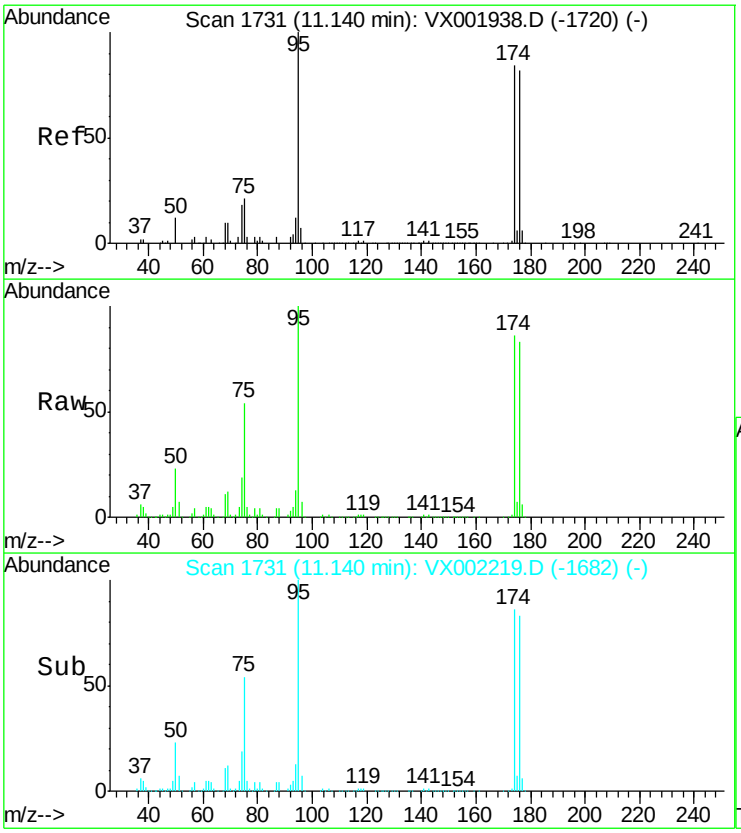
#60
Dibromochloromethane
Concen: 1.62 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 6652

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#

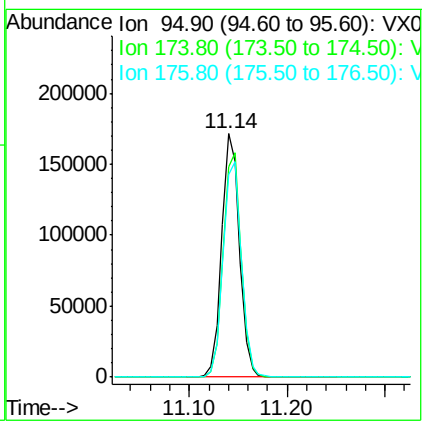


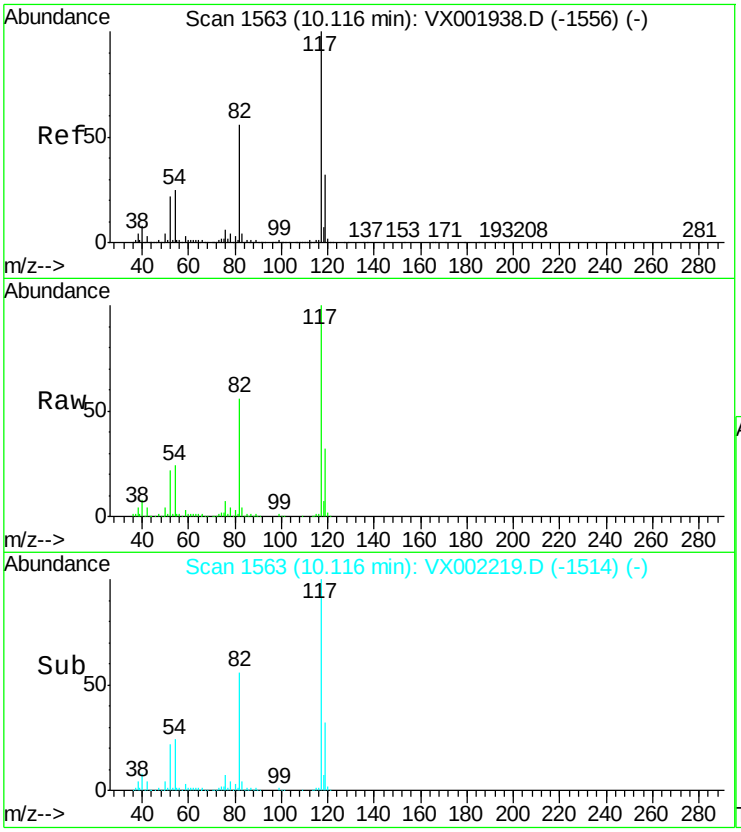


#62
4-Bromofluorobenzene
Concen: 47.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 95 Resp: 215554

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	178.8
176	91.7	0.0	175.6



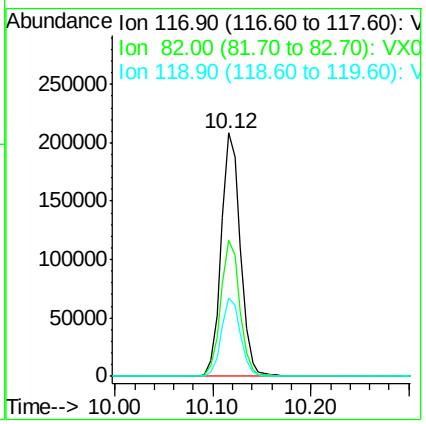


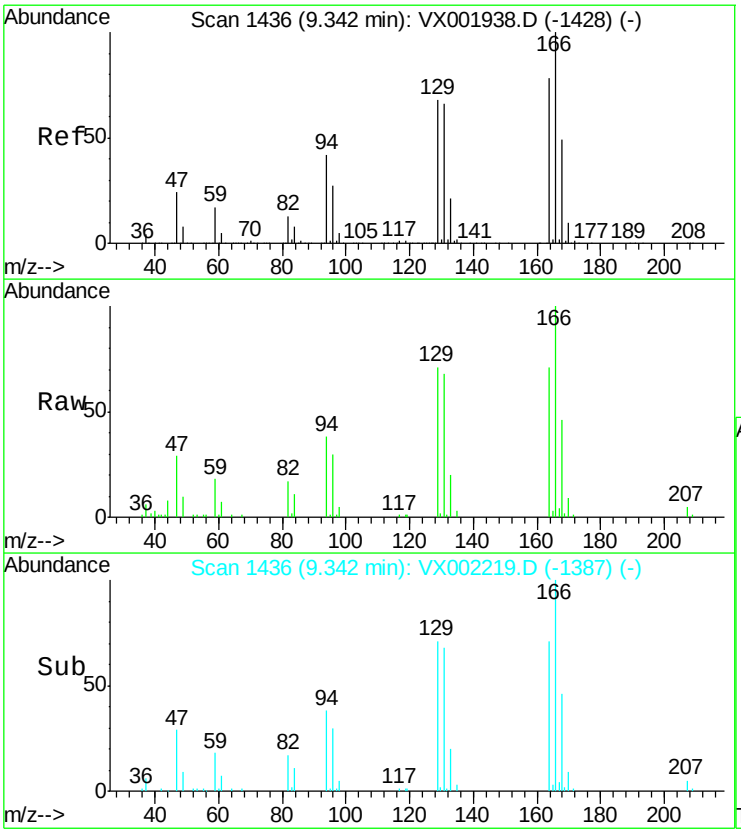
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 283306

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.8	67.2
119	32.4	25.5	38.3

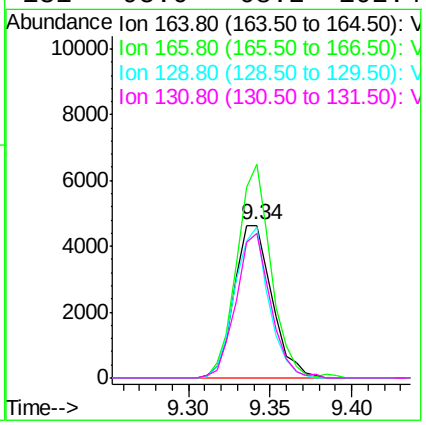


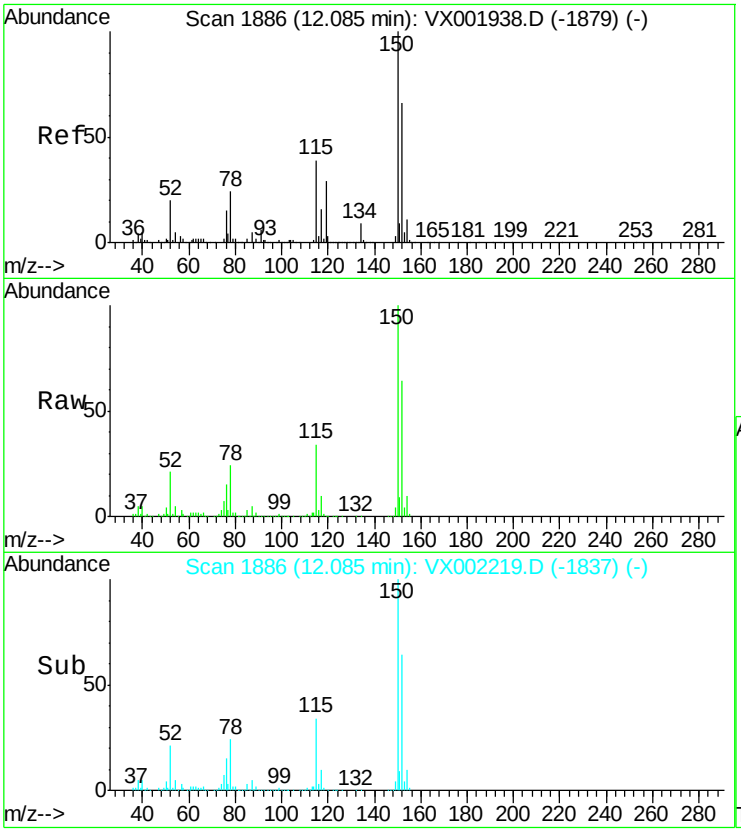


#64
Tetrachloroethene
Concen: 1.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion:164 Resp: 7492

Ion	Ratio	Lower	Upper
164	100		
166	139.9	102.7	154.1
129	98.9	70.3	105.5
131	95.0	68.2	102.4



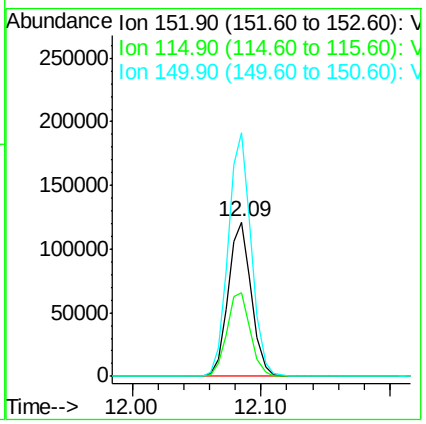


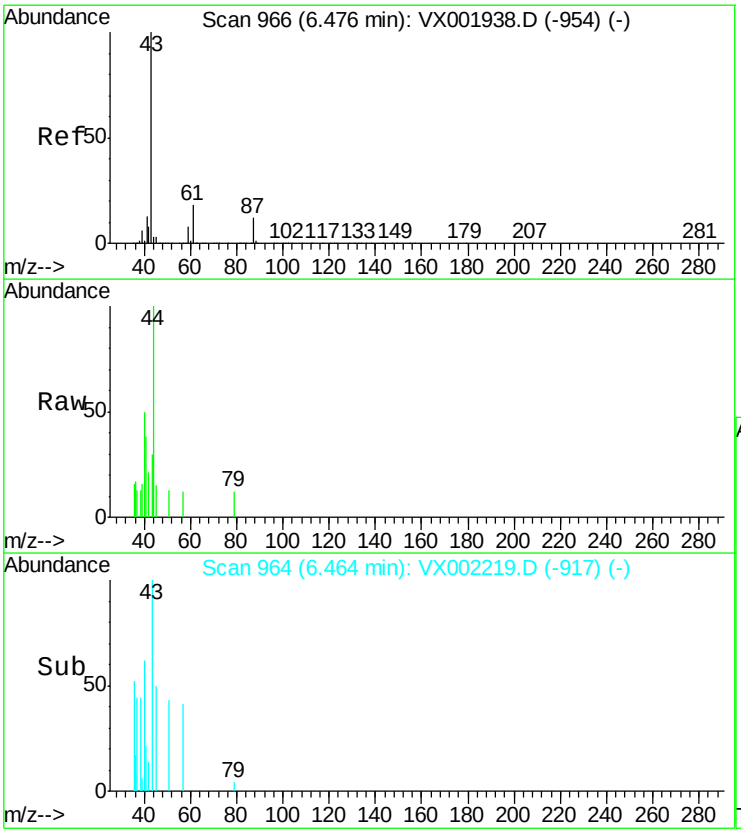
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 151517

Ion	Ratio	Lower	Upper
152	100		
115	55.9	42.3	126.8
150	157.6	0.0	351.0

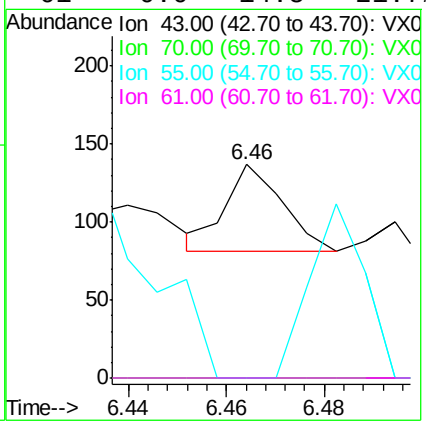


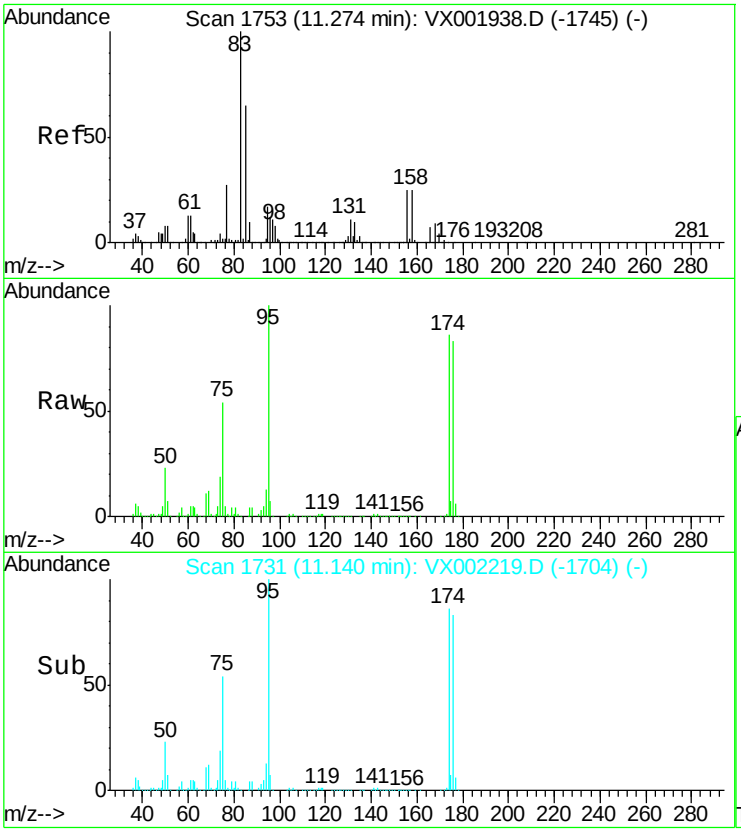


#74
N-amyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 43 Resp: 45

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	193.3	0.1	0.1#
61	0.0	14.5	21.7#



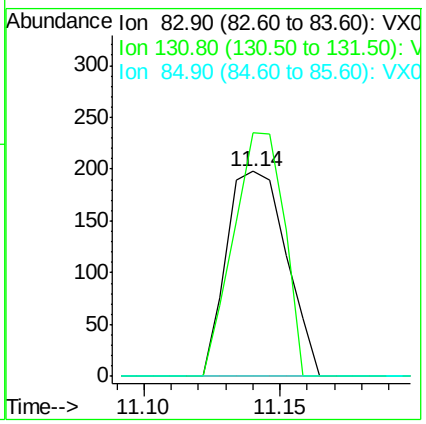


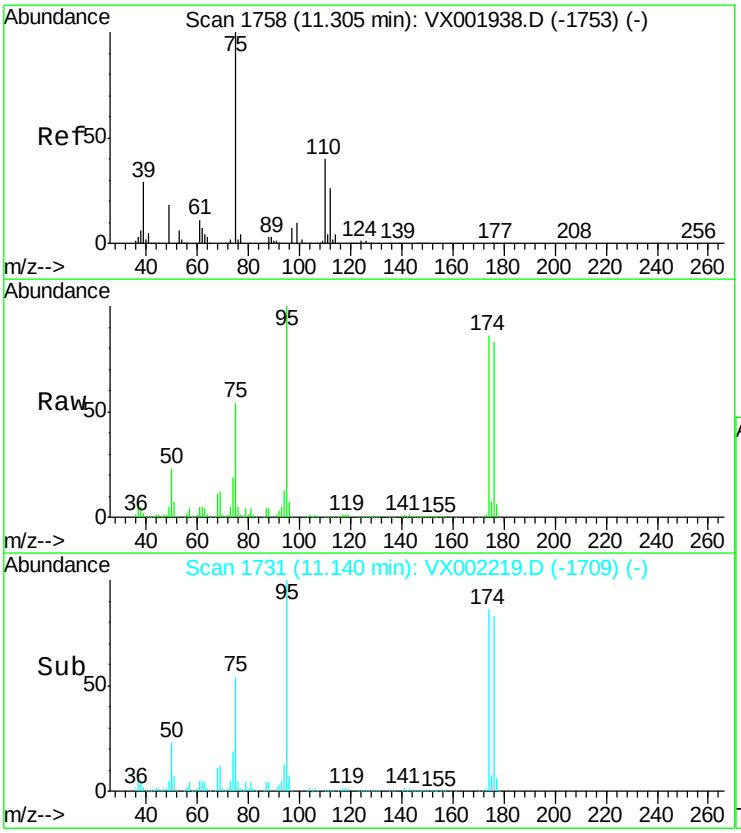
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.14 min Scan# 1731
Delta R.T. -0.13 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 301

Ion	Ratio	Lower	Upper
83	100		
131	100.7	5.7	17.0#
85	0.0	32.6	97.7#

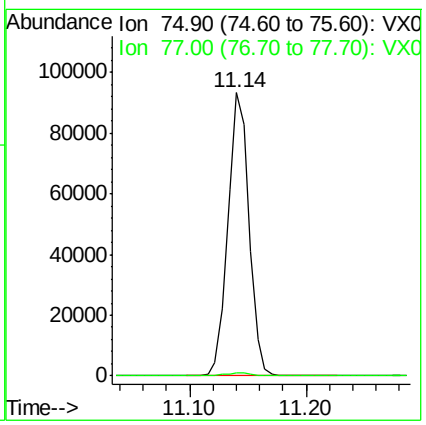


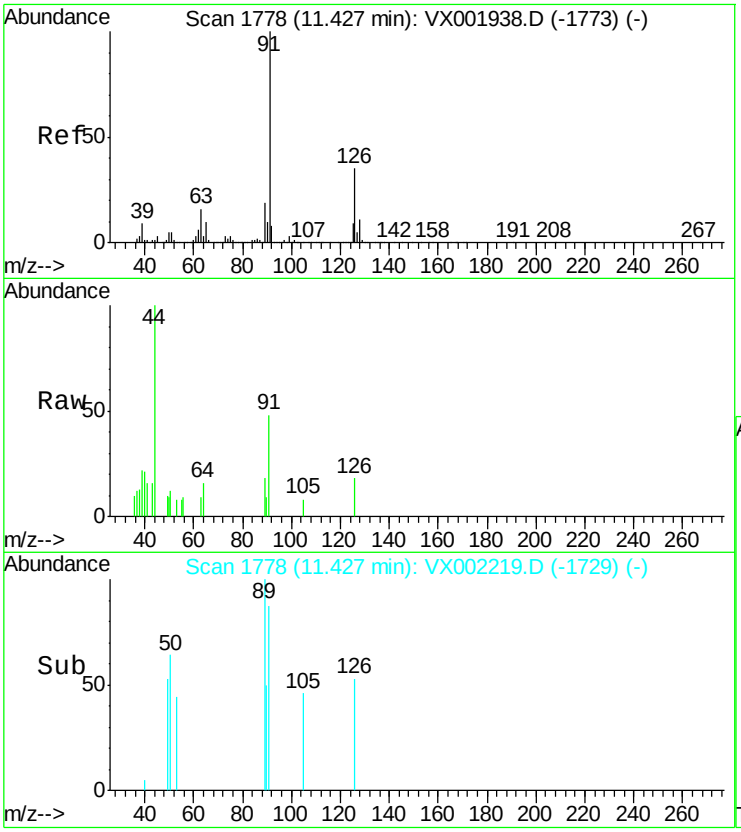


#76
1,2,3-Trichloropropane
Concen: 32.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 75 Resp: 117885

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



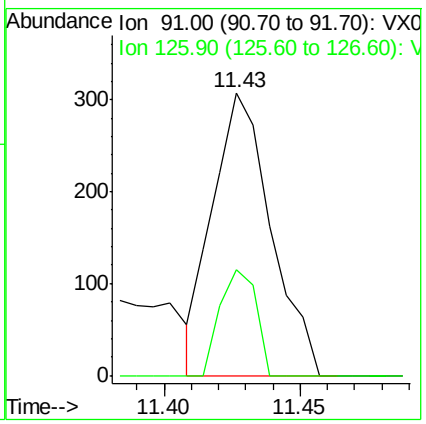


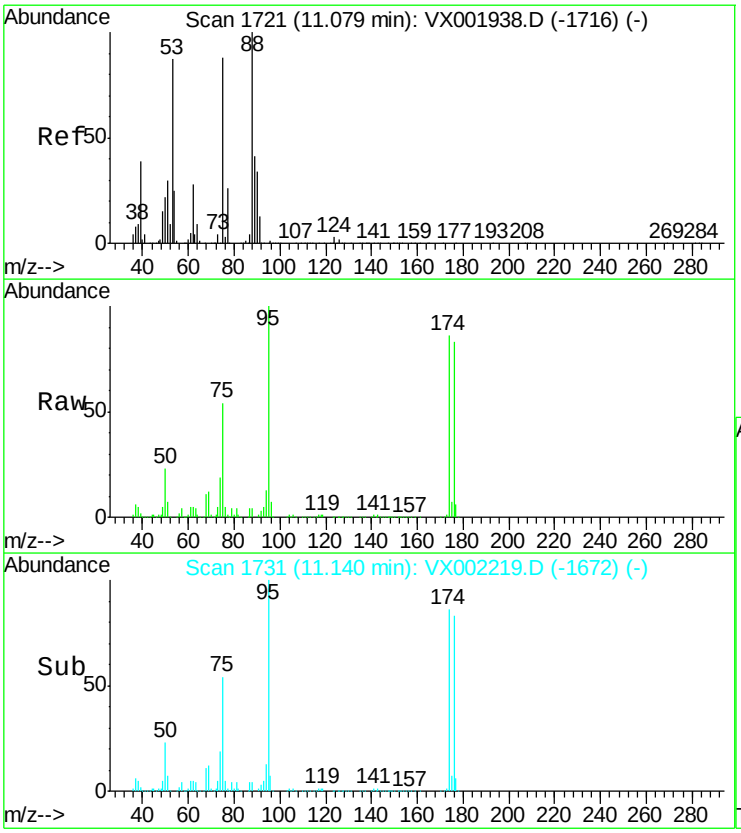
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 458

Ion	Ratio	Lower	Upper
91	100		
126	23.1	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 77.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion: 75 Resp: 117885

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