Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070218\
Data File : VX003133.D
Acq On : 02 Jul 2018 17:57
Operator : JC/MD
Sample : J3772-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Quant Time: Jul 03 06:58:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	308780	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	427092	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	394920	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242089	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	199202	46.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.34%				
35) Dibromofluoromethane	5.51	113	166050	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
50) Toluene-d8	8.72	98	594835	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
62) 4-Bromofluorobenzene	11.14	95	218028	45.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	52	Below Cal		#	43
3) Chloromethane	1.28	50	21241	6.38	ug/l	#	43
4) Vinyl Chloride	1.40	62	1477	0.42	ug/l	#	1
5) Bromomethane	1.64	94	1681	Below Cal			94
10) Methyl Iodide	2.52	142	1715	6.66	ug/l	#	97
11) Tert butyl alcohol	3.07	59	551	0.65	ug/l	#	50
13) Acrolein	2.29	56	1372	7.09	ug/l		98
15) Acrylonitrile	3.14	53	410	0.23	ug/l	#	53
16) Acetone	2.45	43	91688	51.87	ug/l		99
17) Carbon Disulfide	2.57	76	12313	1.52	ug/l		99
18) Methyl Acetate	2.78	43	1845	0.37	ug/l	#	57
20) Methylene Chloride	2.86	84	853	0.25	ug/l	#	57
25) 2-Butanone	4.72	43	107219	40.87	ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	9074	2.44	ug/l		47
29) Tetrahydrofuran	5.22	42	3974	2.36	ug/l	#	53
36) 1,1-Dichloropropene	5.67	75	19918	4.25	ug/l	#	51
37) Ethyl Acetate	4.72	43	107219	21.26	ug/l	#	71
38) Carbon Tetrachloride	5.67	117	27528	5.36	ug/l	#	15
40) Benzene	6.15	78	10370	0.76	ug/l		95
41) Methacrylonitrile	5.21	41	13218	4.55	ug/l	#	48
43) Isopropyl Acetate	6.48	43	7552	0.89	ug/l	#	65
44) Trichloroethene	7.21	130	10128	2.50	ug/l		92
45) 1,2-Dichloropropane	7.56	63	788	0.22	ug/l	#	58
48) Methyl methacrylate	7.74	41	8068	1.85	ug/l	#	21
49) 1,4-Dioxane	7.74	88	301	3.55	ug/l	#	1
59) 2-Hexanone	9.50	43	132755	33.01	ug/l		98
74) N-amyl acetate	6.48	43	7552	0.95	ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	109088	24.88	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	109088	70.69	ug/l	#	6

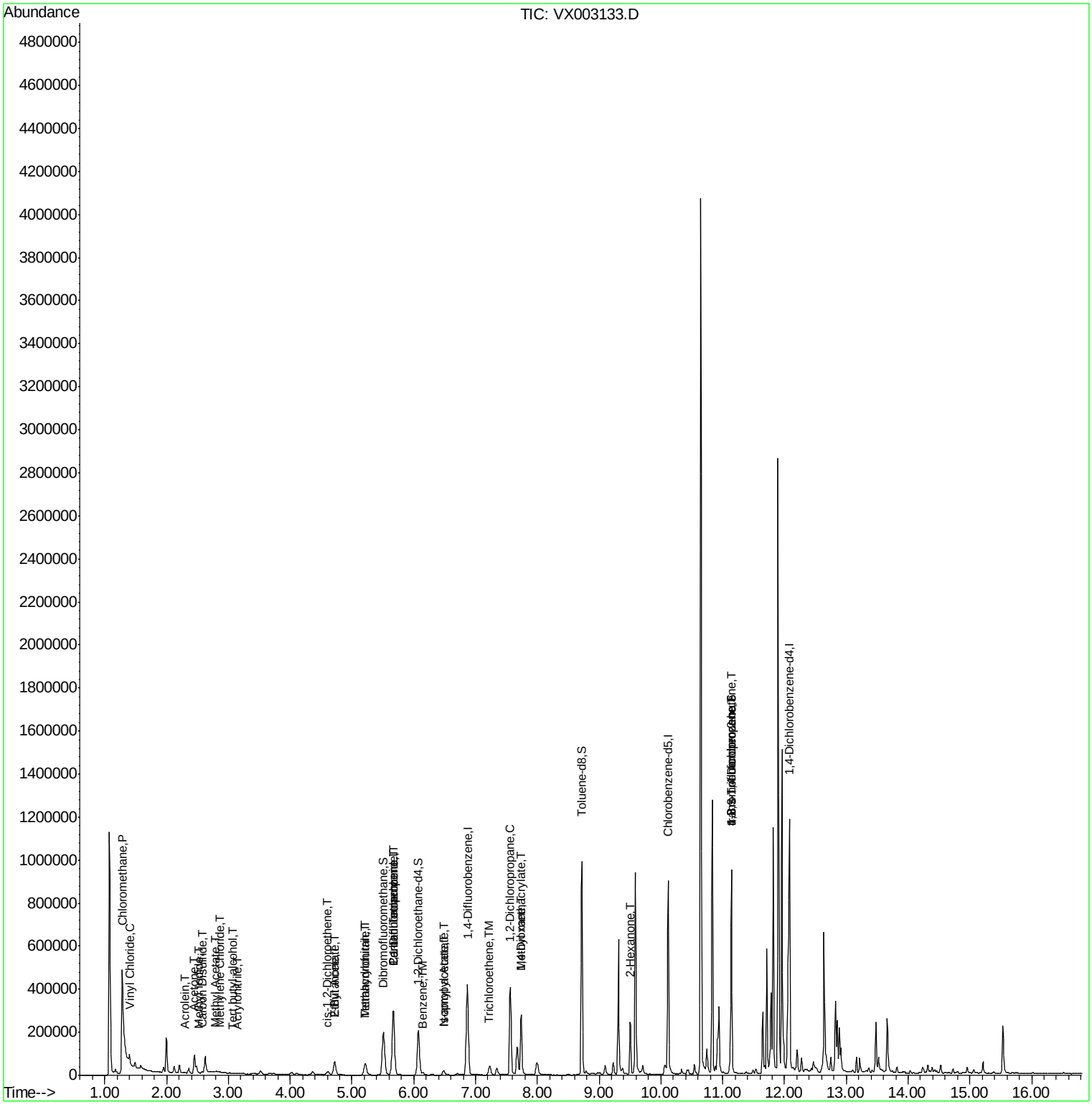
(#) = qualifier out of range (m) = manual integration (+) = signals summed

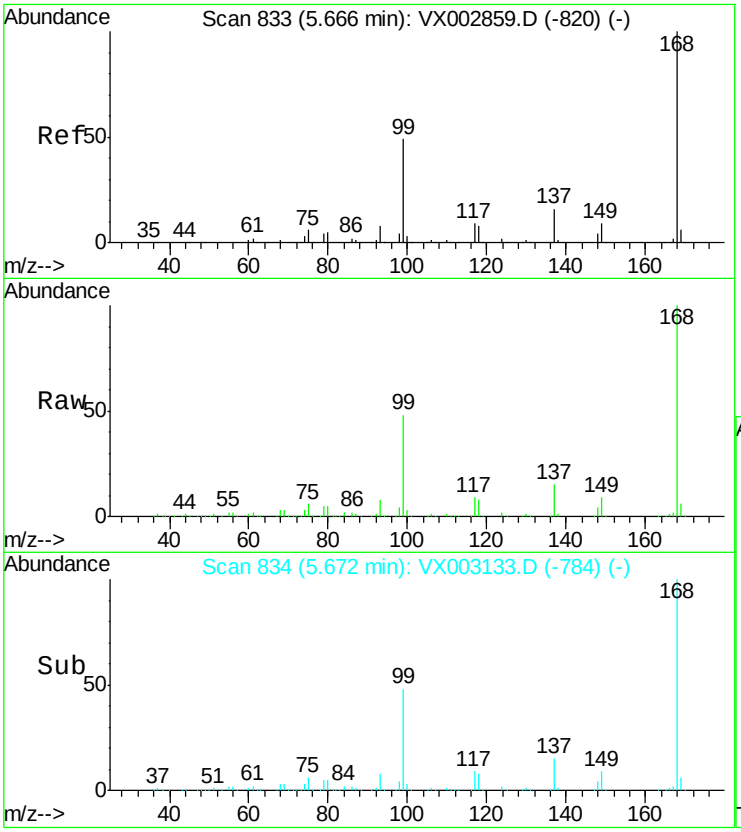
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
Data File : VX003133.D
Acq On : 02 Jul 2018 17:57
Operator : JC/MD
Sample : J3772-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Quant Time: Jul 03 06:58:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



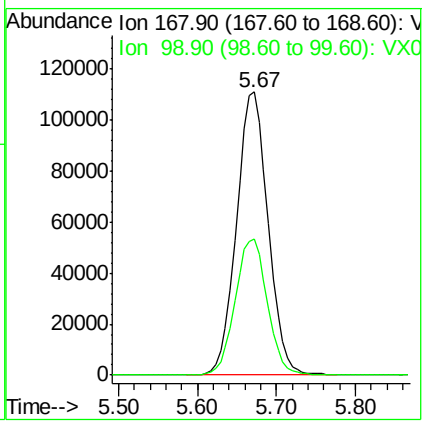


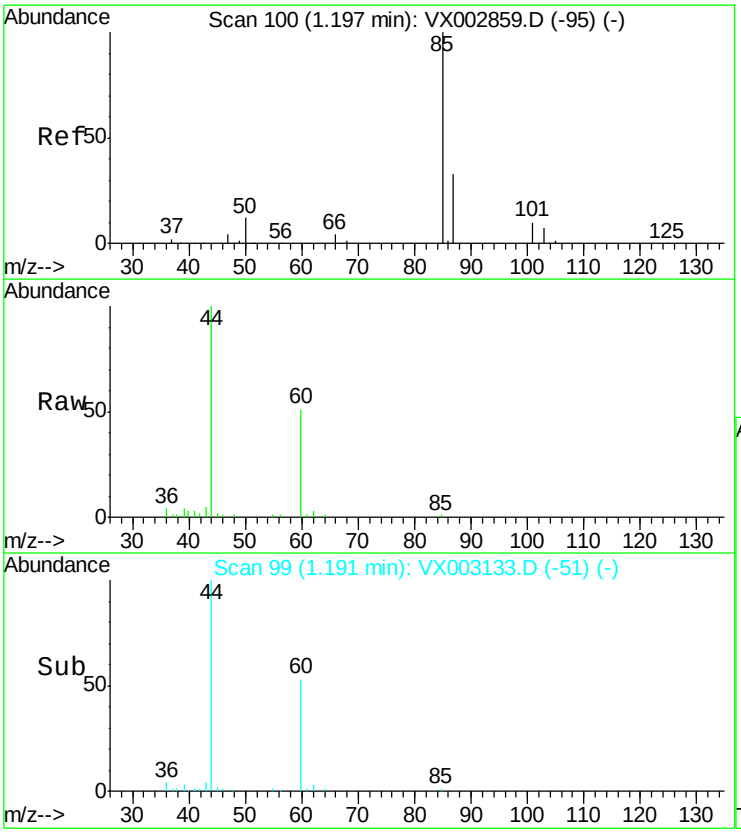
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion:168 Resp: 308780

Ion	Ratio	Lower	Upper
168	100		
99	48.3	39.3	58.9

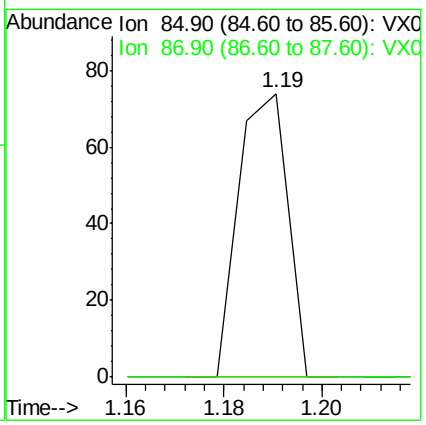


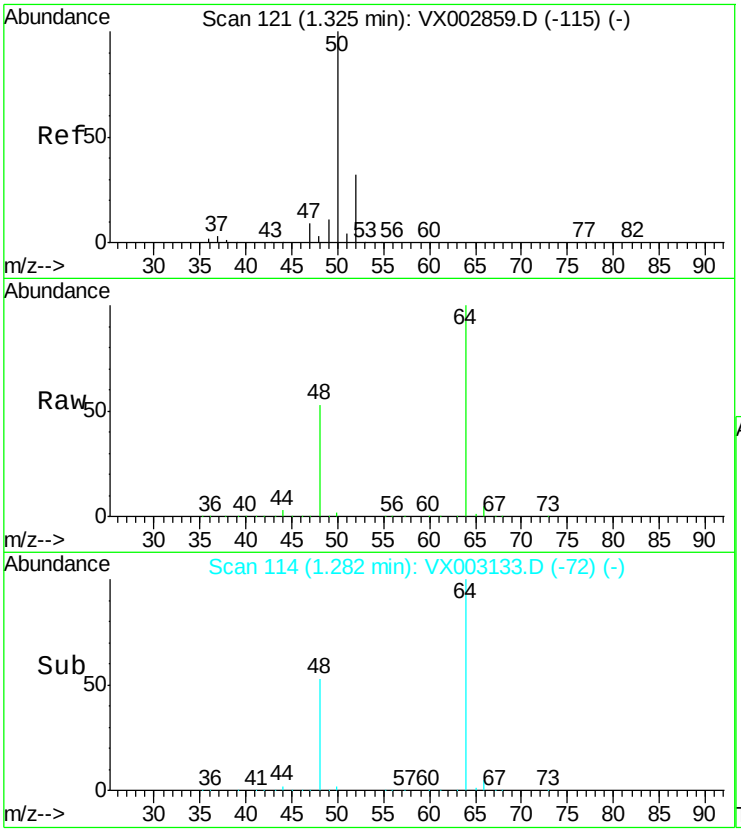


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 85 Resp: 52

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



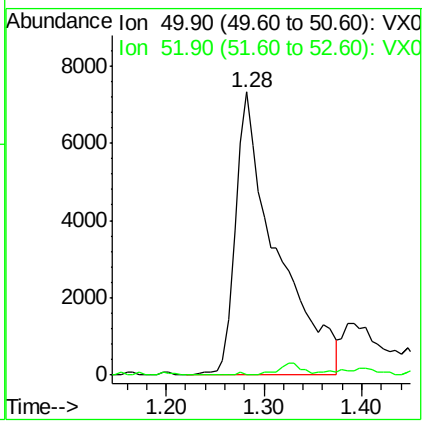


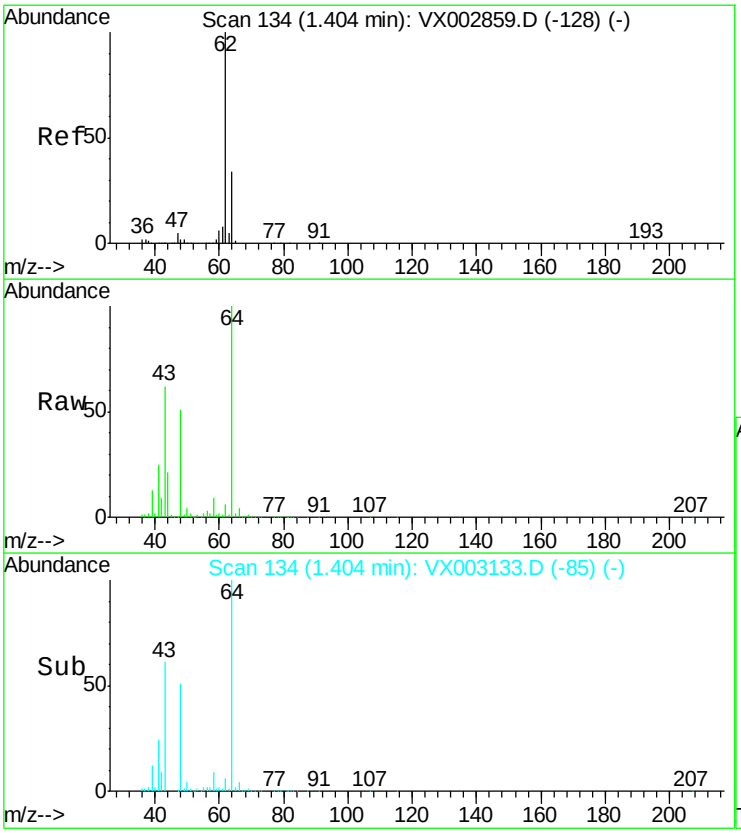
#3
Chloromethane
Concen: 6.38 ug/l
RT: 1.28 min Scan# 114
Delta R.T. -0.04 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 50 Resp: 21241

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#

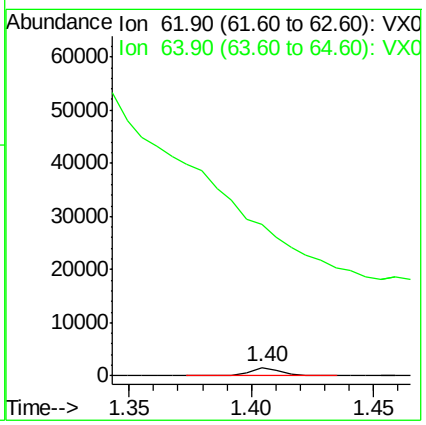


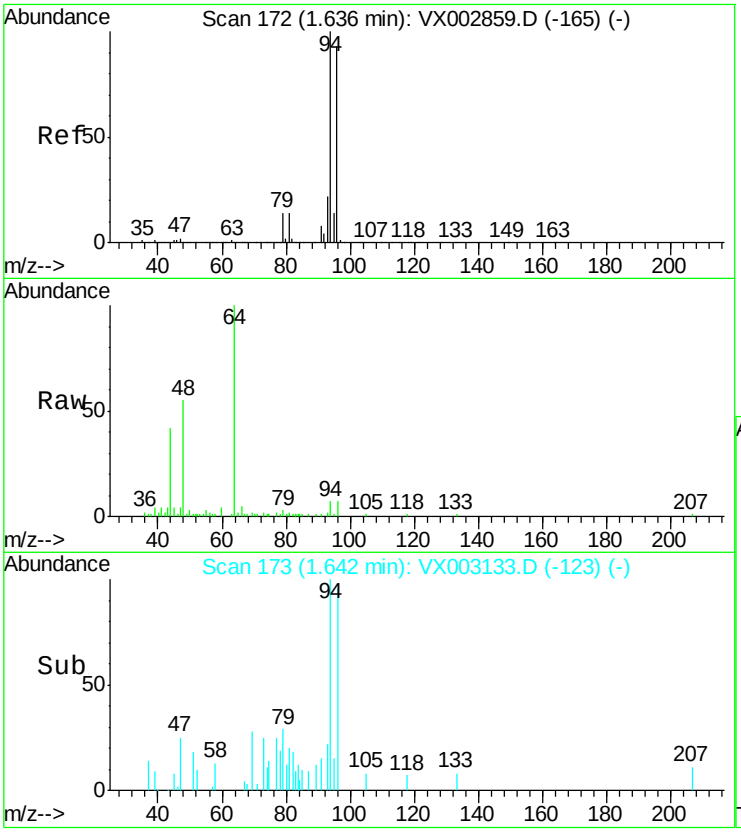


#4
Vinyl Chloride
Concen: 0.42 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 62 Resp: 1477

Ion	Ratio	Lower	Upper
62	100		
64	512.9	25.4	38.2#



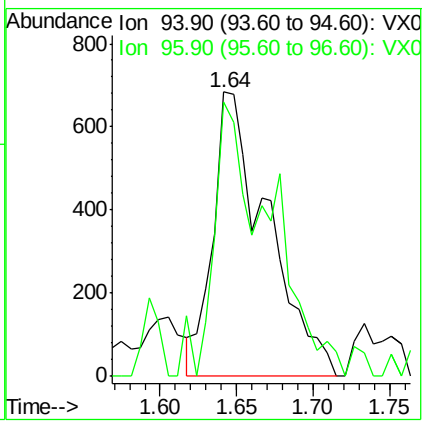


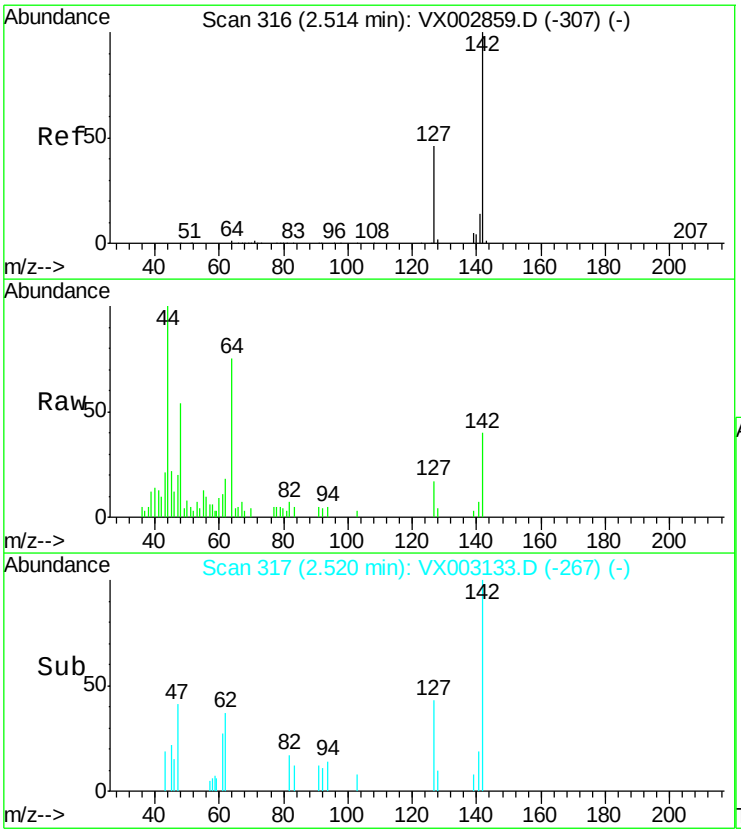
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 94 Resp: 1681

Ion	Ratio	Lower	Upper
94	100		
96	88.0	74.9	112.3

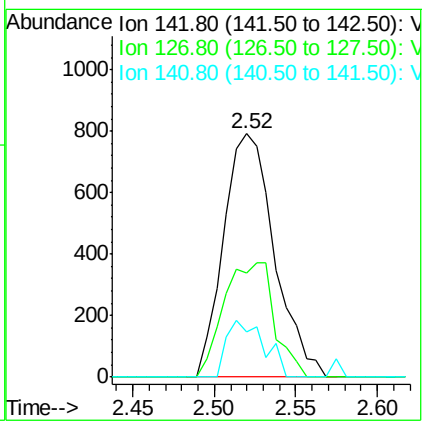


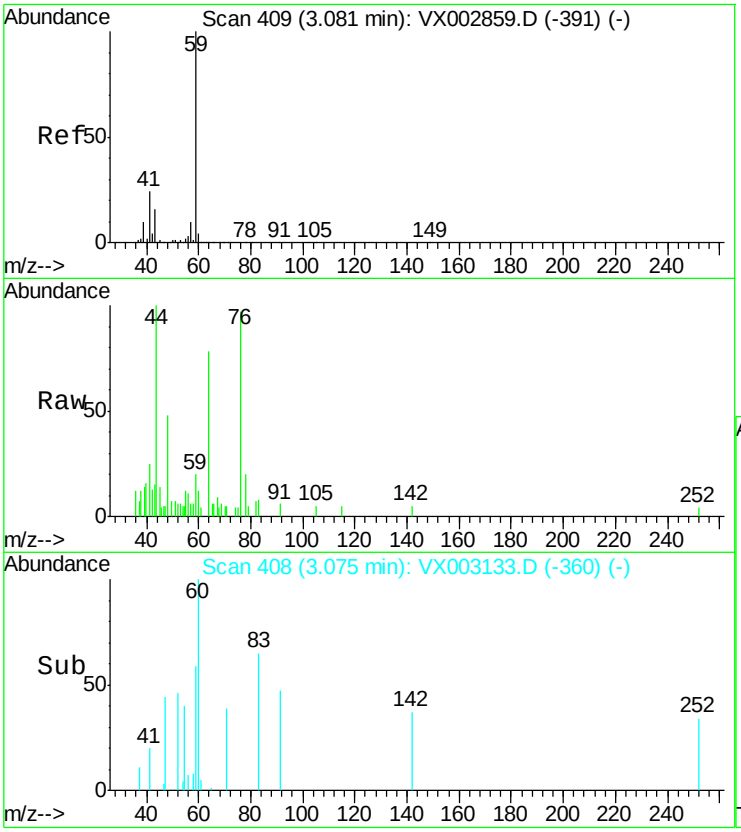


#10
Methyl Iodide
Concen: 6.66 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:142 Resp: 1715

Ion	Ratio	Lower	Upper
142	100		
127	46.9	36.6	55.0
141	17.0	11.3	16.9#



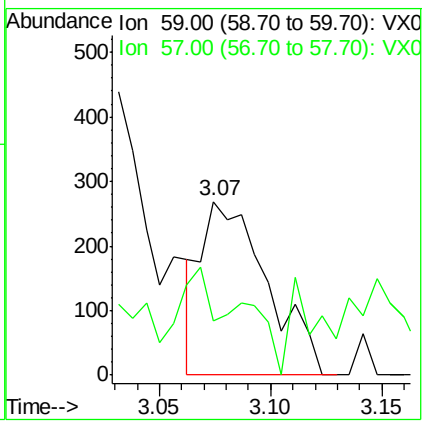


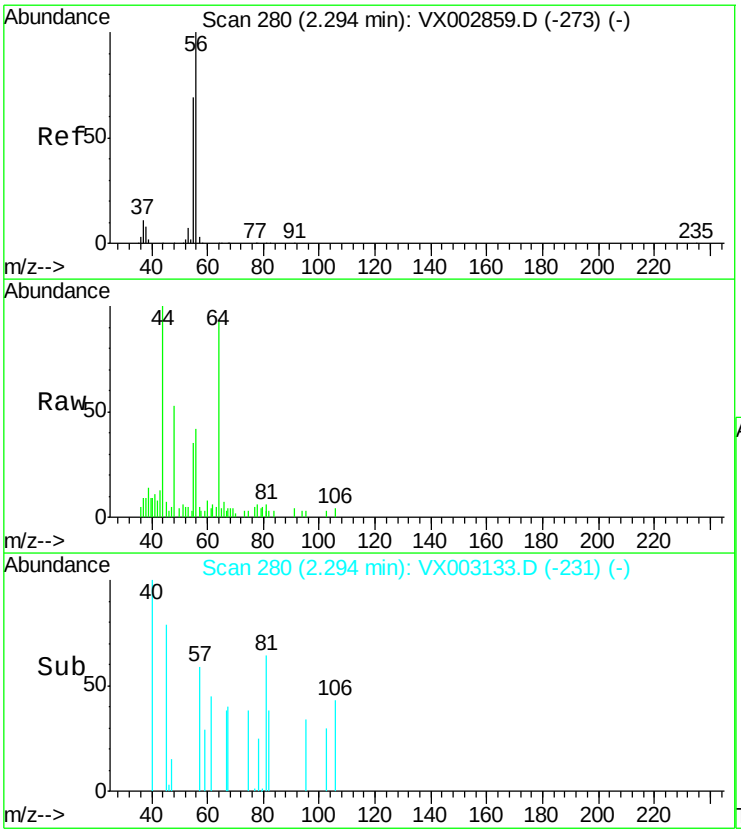
#11
Tert butyl alcohol
Concen: 0.65 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Tgt Ion: 59 Resp: 551

Ion	Ratio	Lower	Upper
59	100		
57	28.7	8.2	12.2#

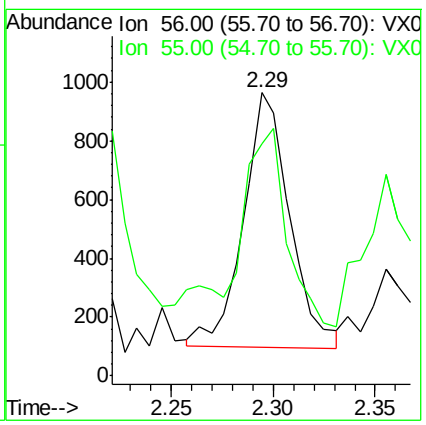


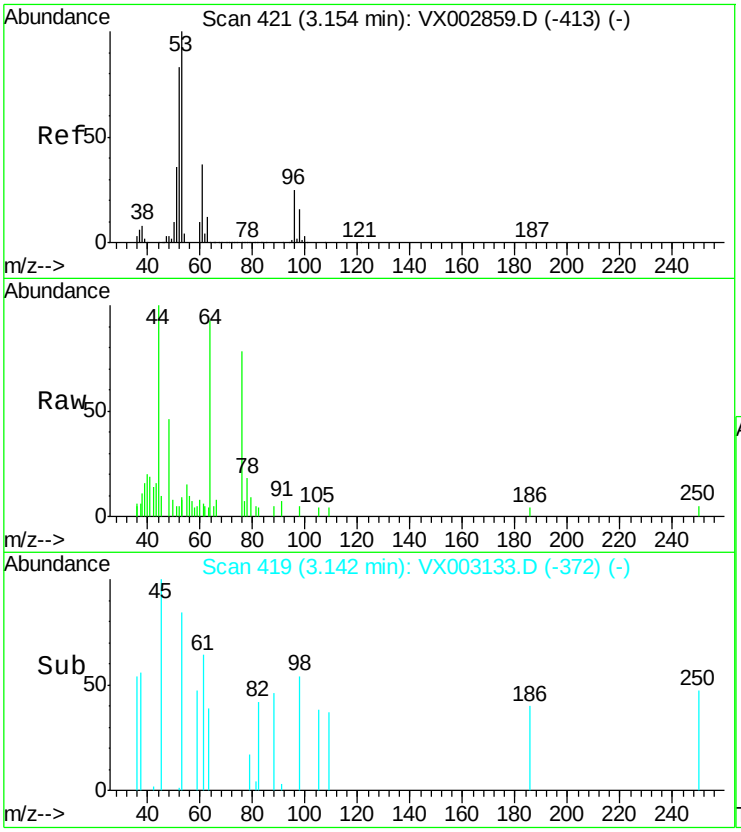


#13
Acrolein
Concen: 7.09 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 56 Resp: 1372

Ion	Ratio	Lower	Upper
56	100		
55	69.7	57.0	85.4



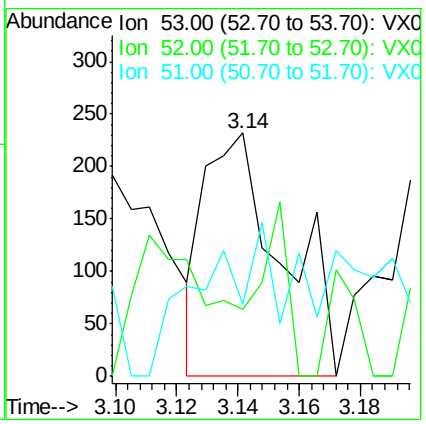


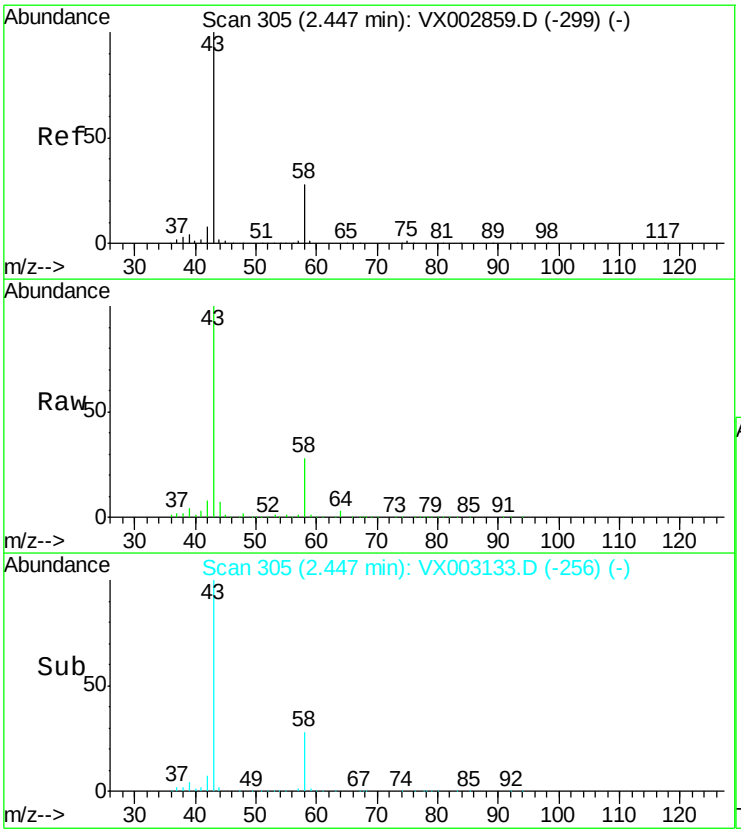
#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Tgt Ion: 53 Resp: 410

Ion	Ratio	Lower	Upper
53	100		
52	22.9	66.7	100.1#
51	38.5	29.9	44.9

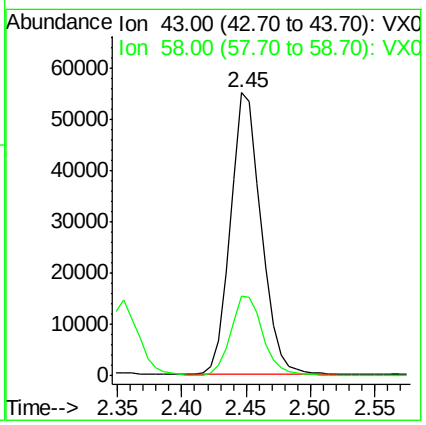


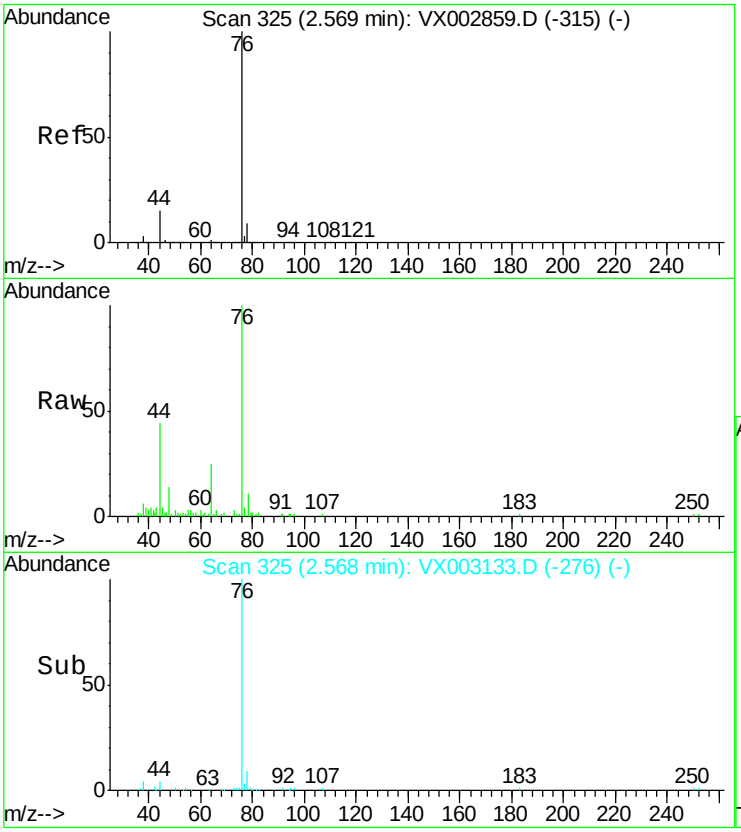


#16
Acetone
Concen: 51.87 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 91688

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.1	33.1



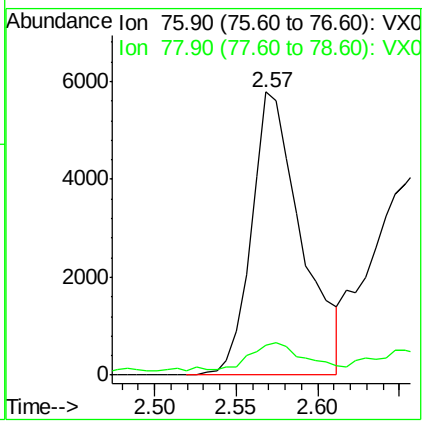


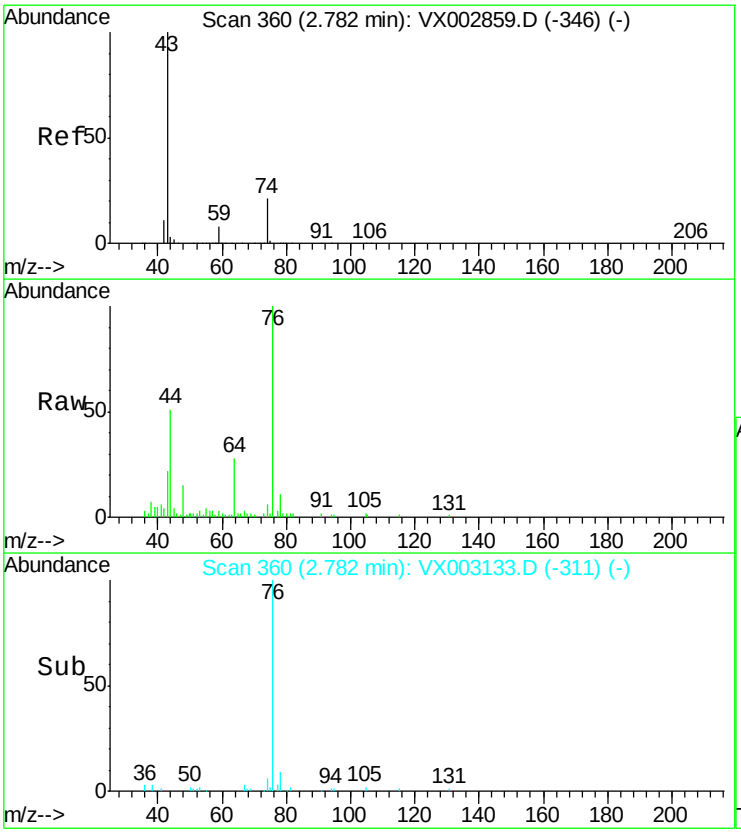
#17
Carbon Disulfide
Concen: 1.52 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 76 Resp: 12313

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

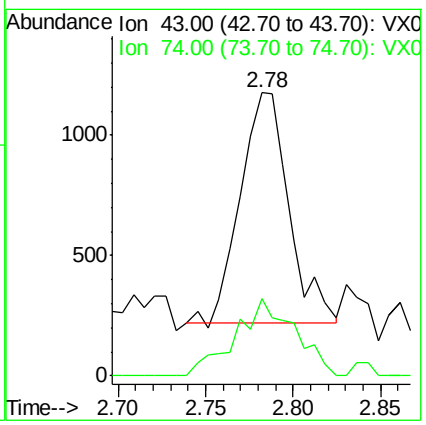


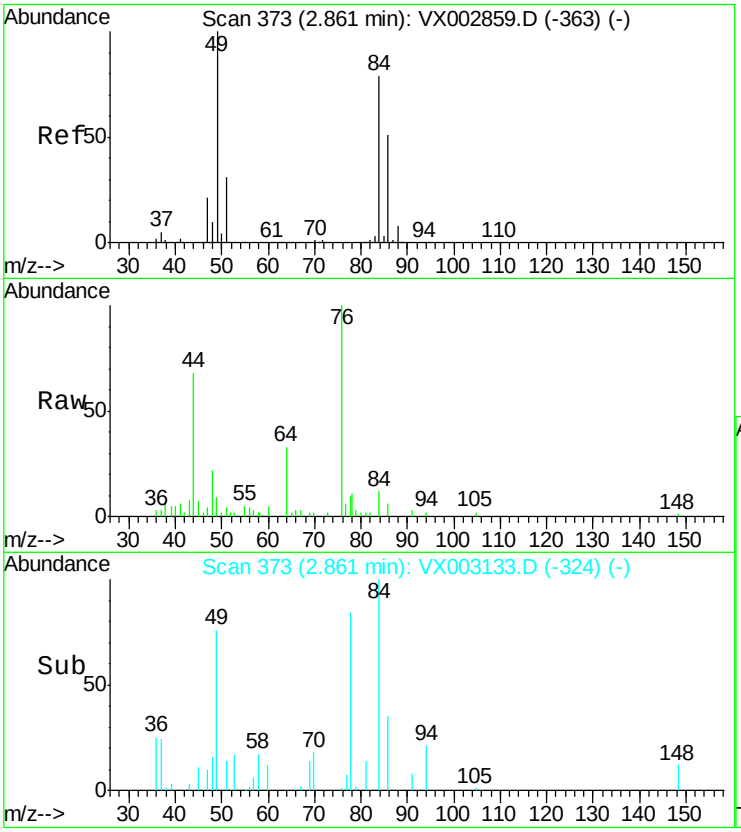


#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 1845

Ion	Ratio	Lower	Upper
43	100		
74	41.0	16.7	25.1#



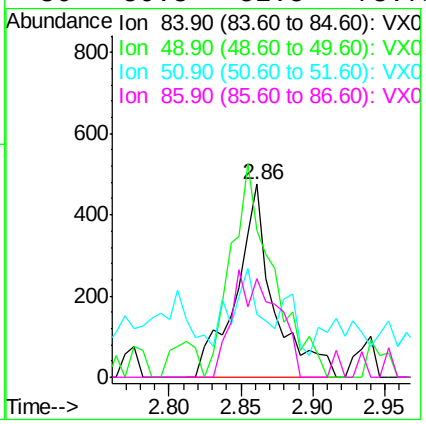


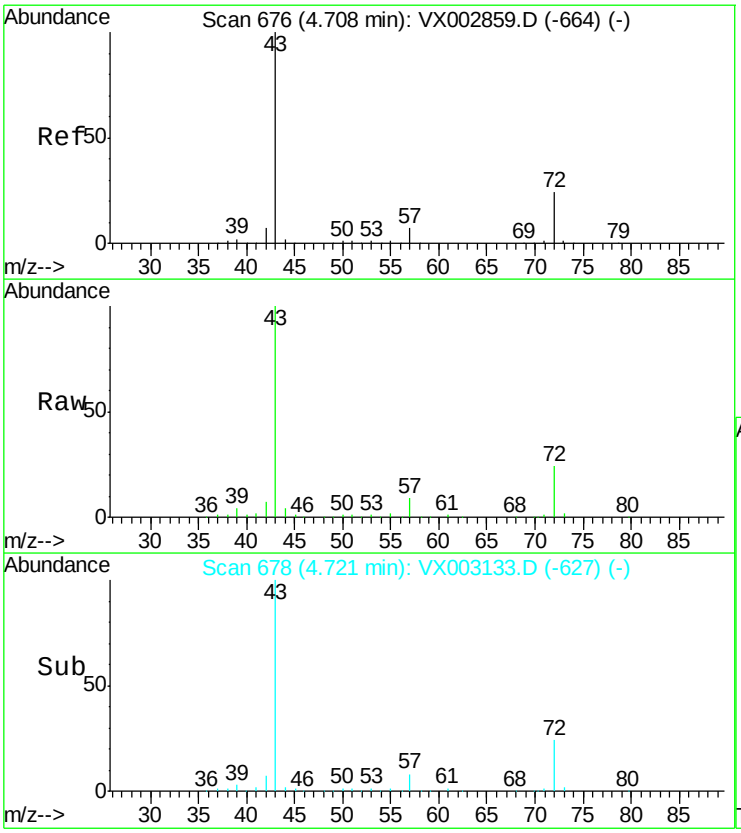
#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Tgt Ion: 84 Resp: 853

Ion	Ratio	Lower	Upper
84	100		
49	76.5	107.8	161.6#
51	2.5	32.8	49.2#
86	50.8	52.5	78.7#

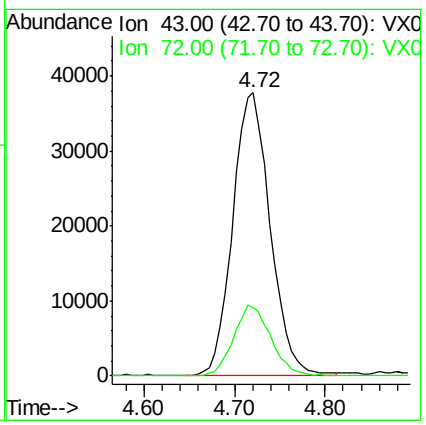


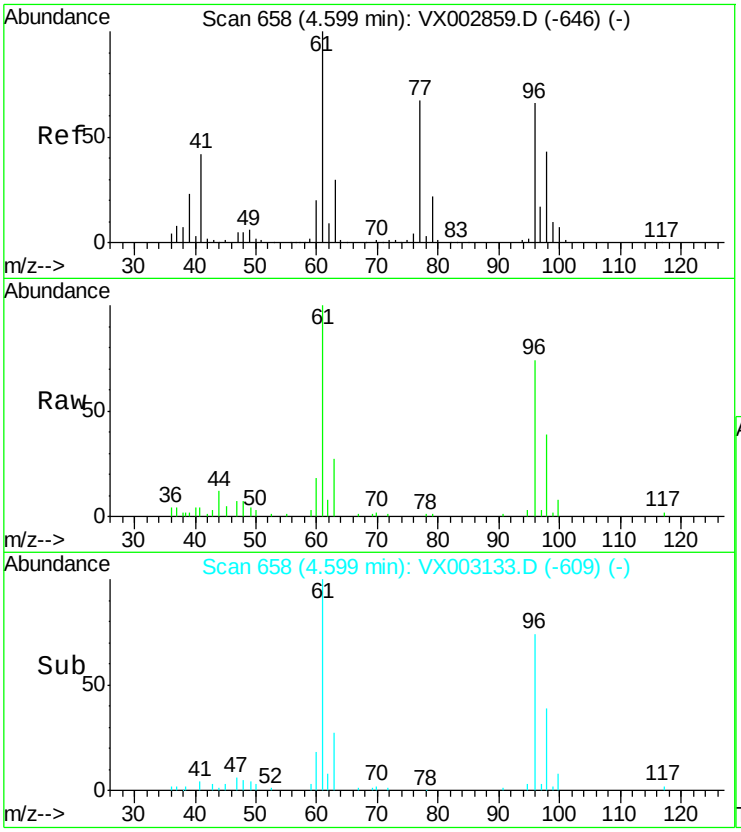


#25
2-Butanone
Concen: 40.87 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 107219

Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.5	27.7



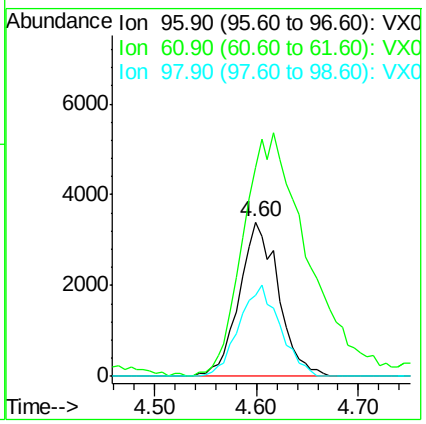


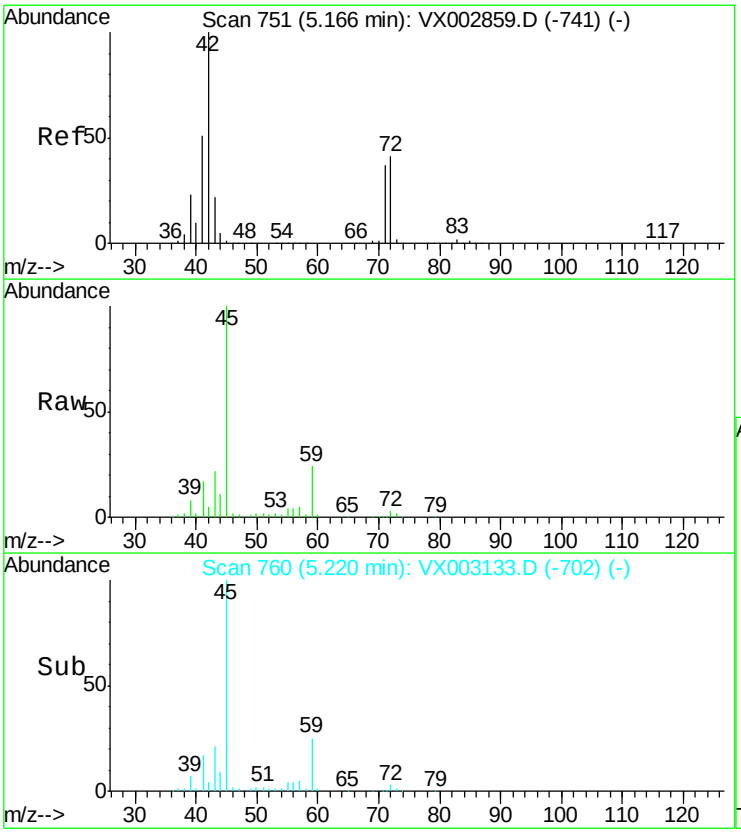
#27
cis-1,2-Dichloroethene
Concen: 2.44 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 96 Resp: 9074

Ion	Ratio	Lower	Upper
96	100		
61	261.6	0.0	330.2
98	61.8	0.0	130.2

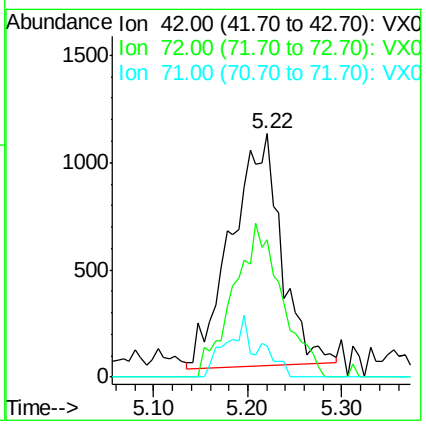


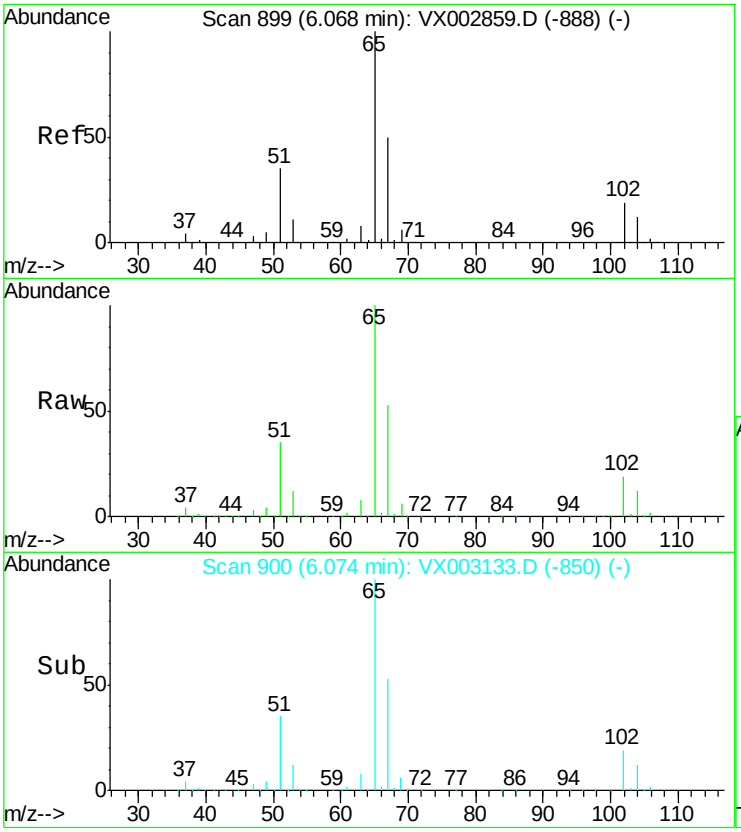


#29
Tetrahydrofuran
Concen: 2.36 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.05 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 42 Resp: 3974

Ion	Ratio	Lower	Upper
42	100		
72	64.5	32.0	48.0#
71	4.9	30.1	45.1#



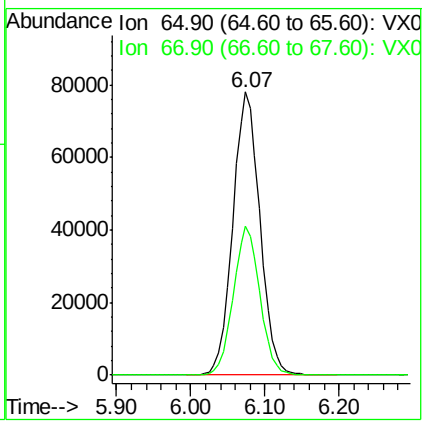


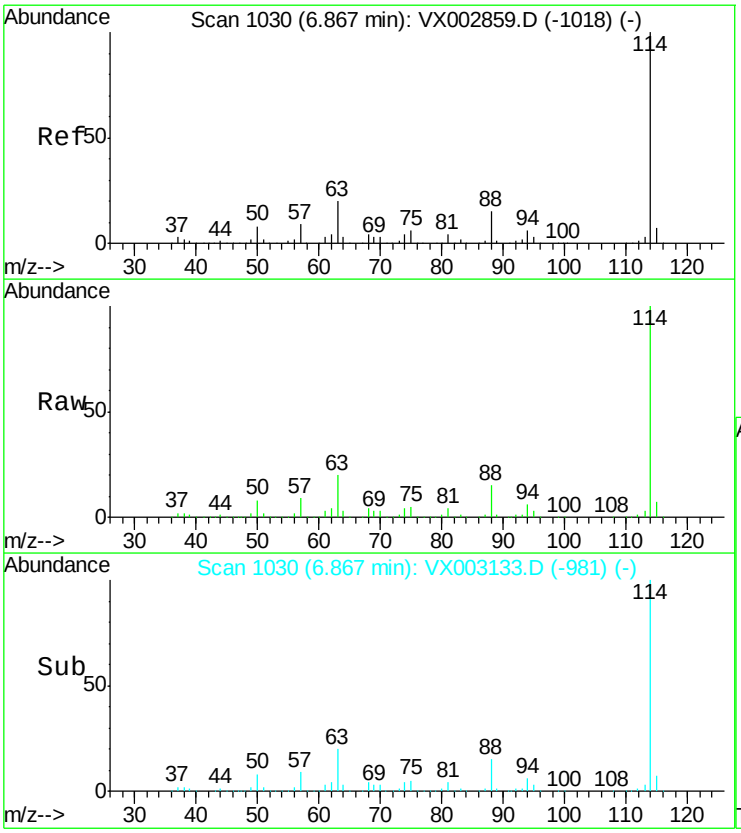
#33
1,2-Dichloroethane-d4
Concen: 46.67 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 65 Resp: 199202

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.6

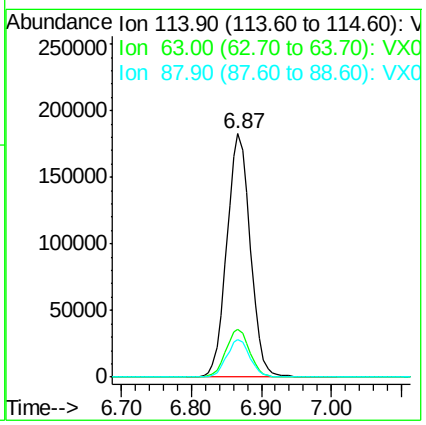


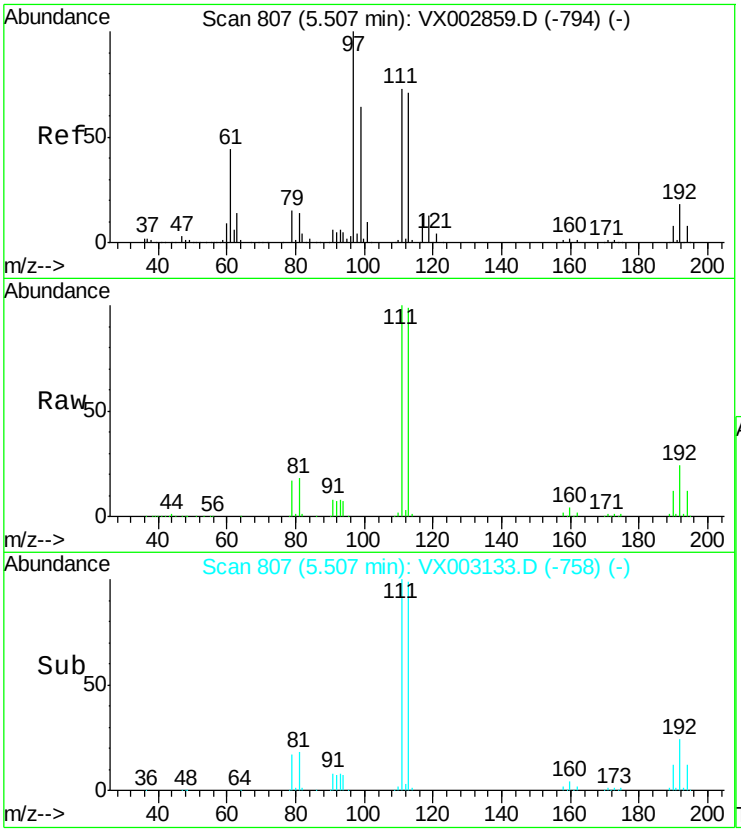


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:114 Resp: 427092

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	15.2	0.0	30.0



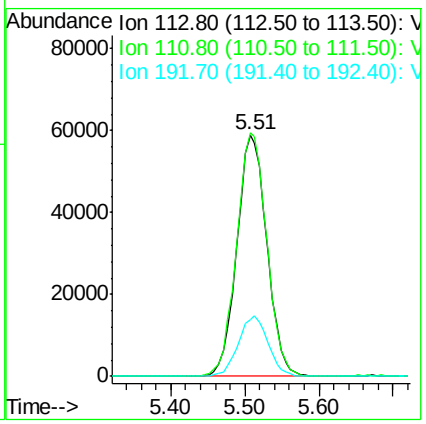


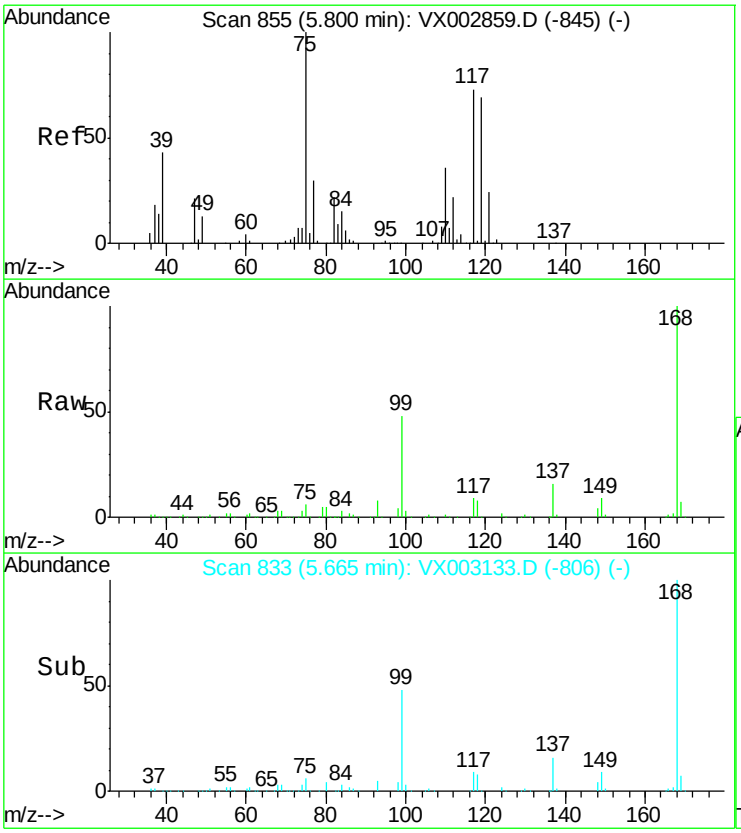
#35
Dibromofluoromethane
Concen: 49.10 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion:113 Resp: 166050

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	24.9	19.1	28.7

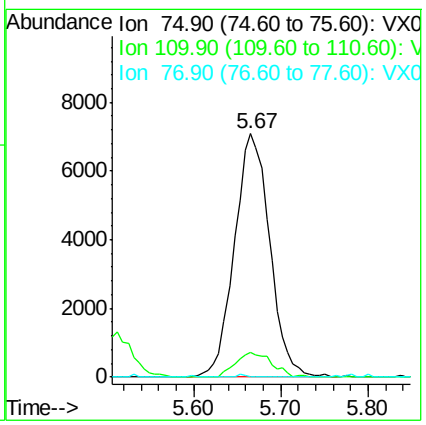


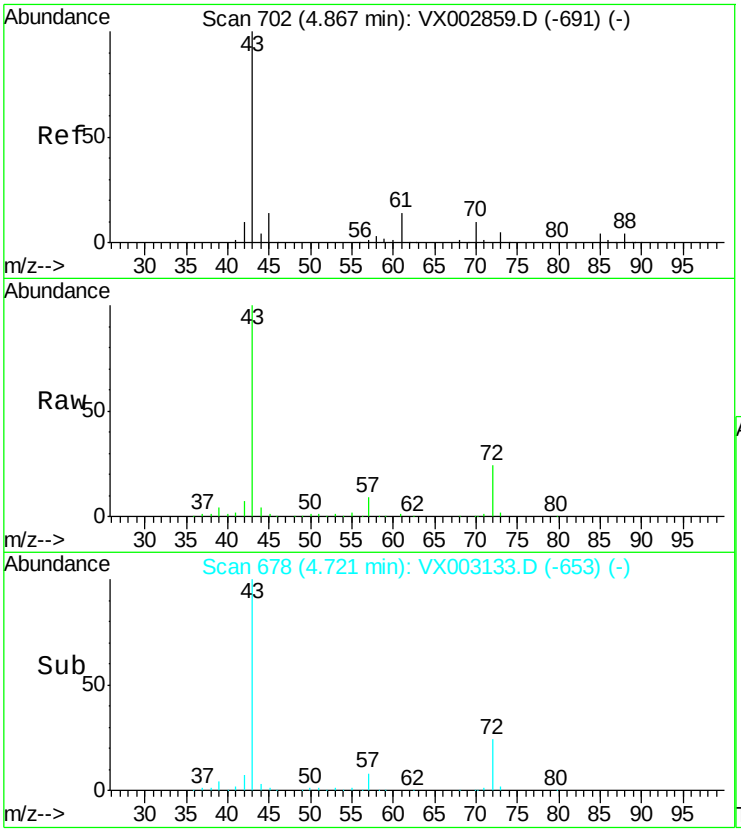


#36
1,1-Dichloropropene
Concen: 4.25 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 75 Resp: 19918

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.1	54.4#
77	0.3	24.3	36.5#



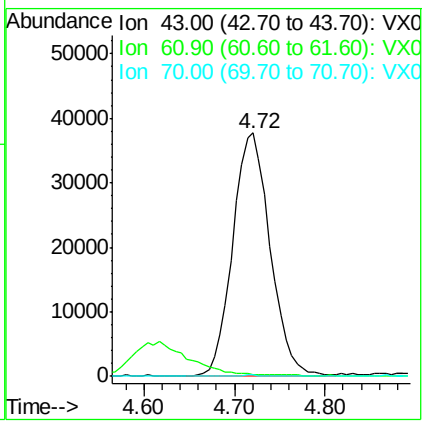


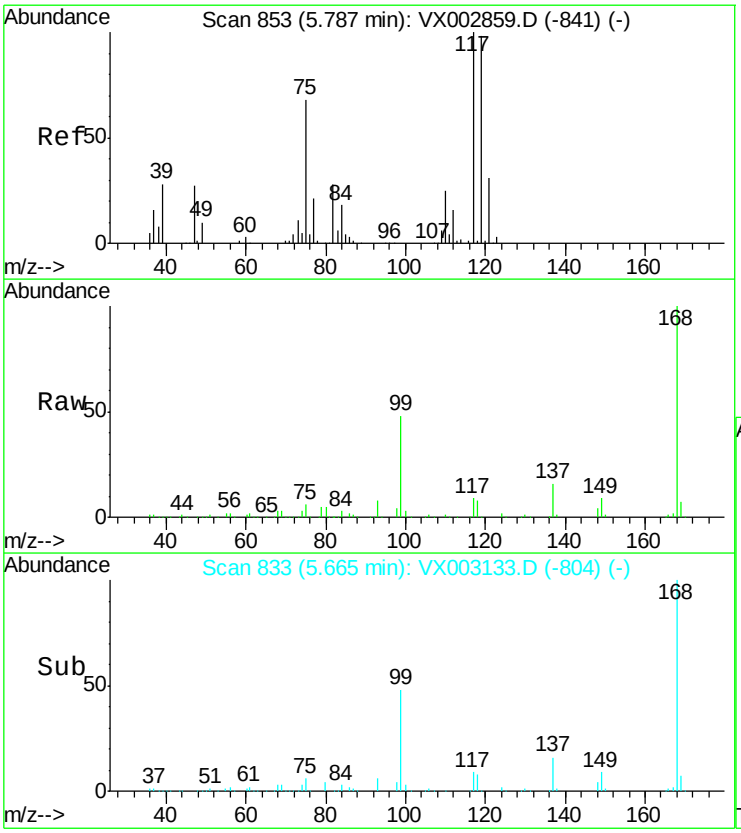
#37
Ethyl Acetate
Concen: 21.26 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.15 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 43 Resp: 107219

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.4	7.6	11.4#

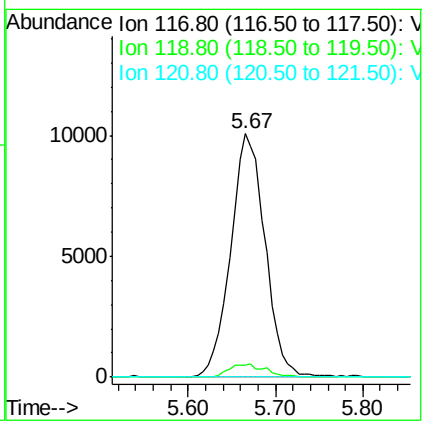


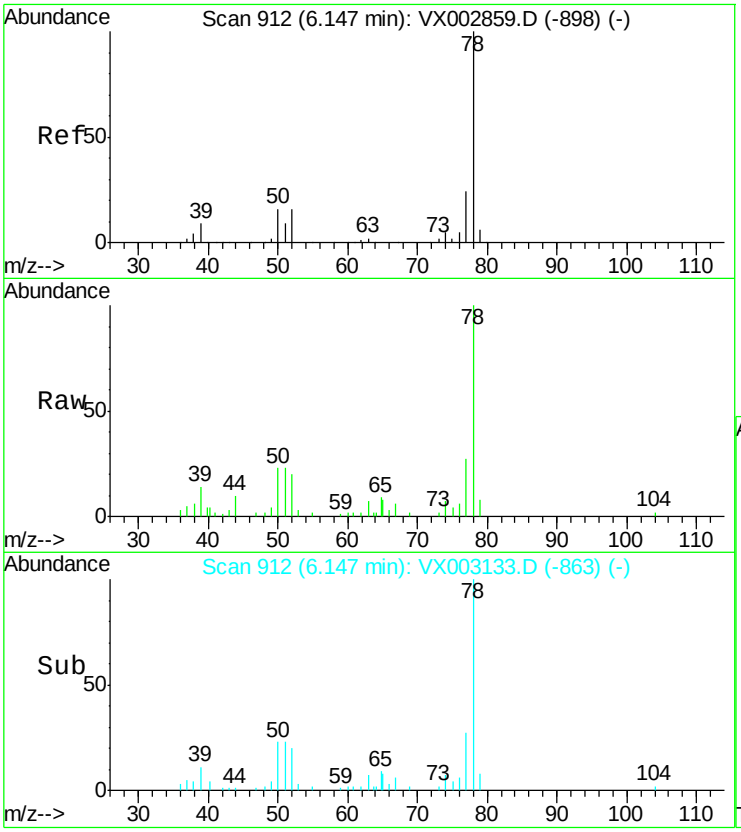


#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:117 Resp: 27528

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.4	36.6#



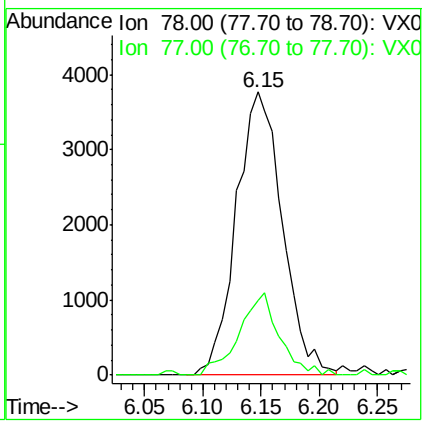


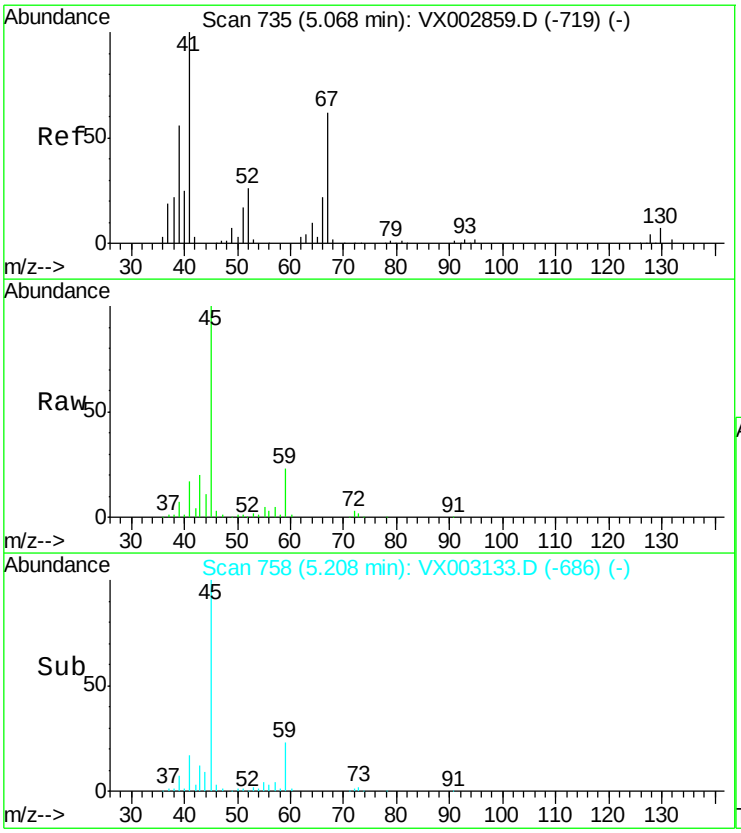
#40
Benzene
Concen: 0.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 78 Resp: 10370

Ion	Ratio	Lower	Upper
78	100		
77	26.5	19.1	28.7

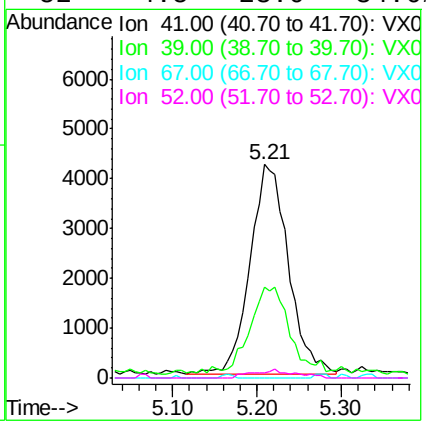


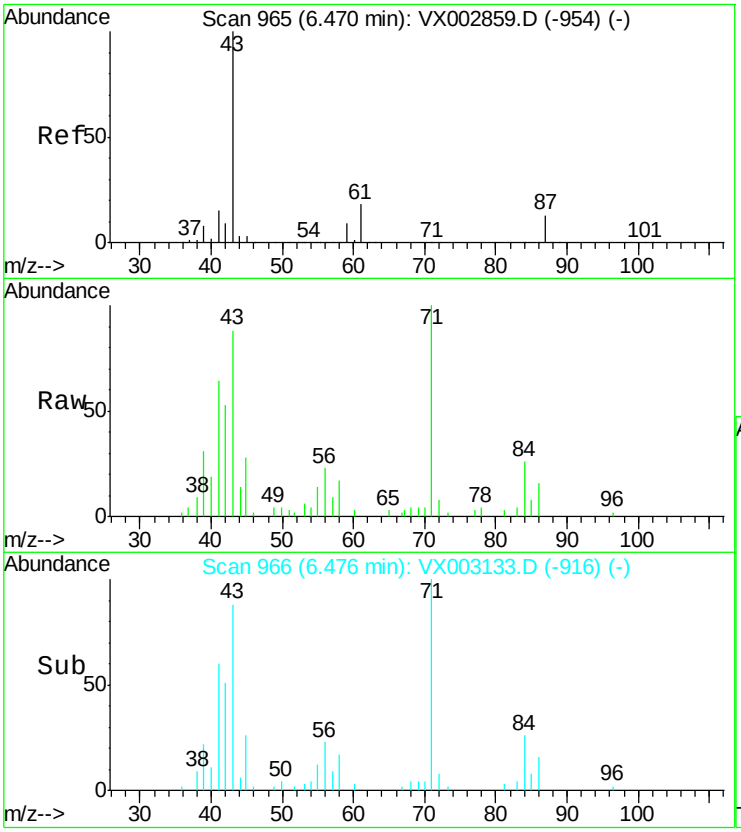


#41
Methacrylonitrile
Concen: 4.55 ug/l
RT: 5.21 min Scan# 758
Delta R.T. 0.14 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 41 Resp: 13218

Ion	Ratio	Lower	Upper
41	100		
39	41.9	45.8	68.6#
67	0.0	51.3	76.9#
52	4.5	23.0	34.6#



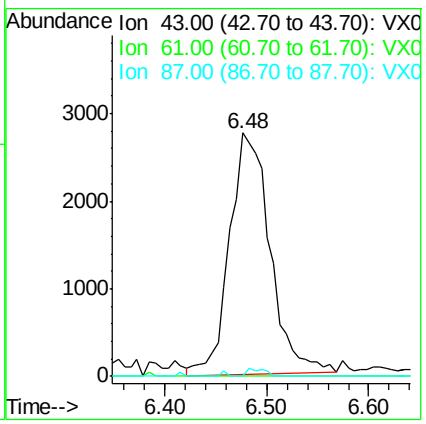


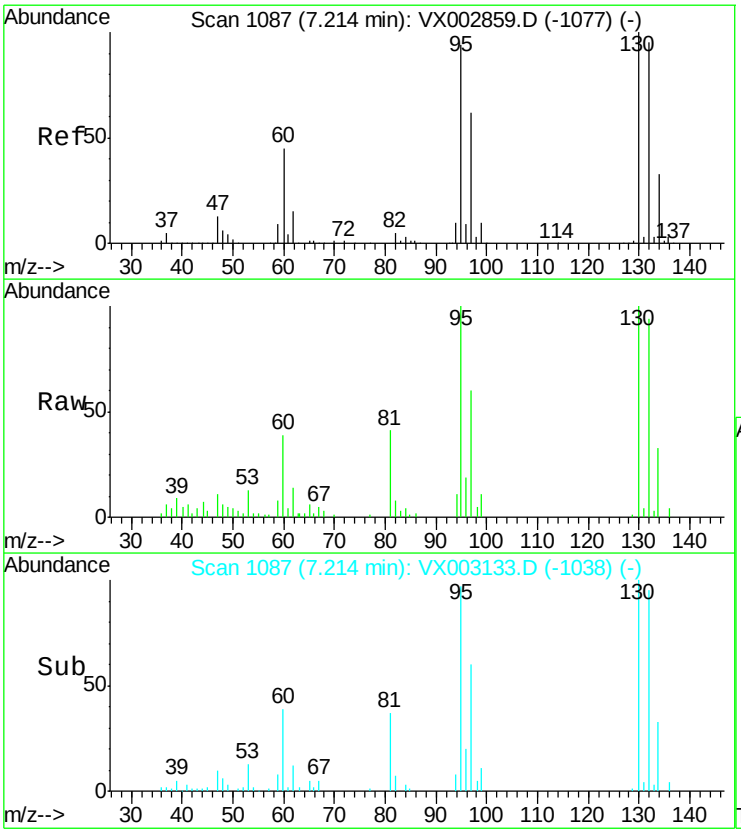
#43
Isopropyl Acetate
Concen: 0.89 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Tgt Ion: 43 Resp: 7552

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	1.5	9.5	14.3#

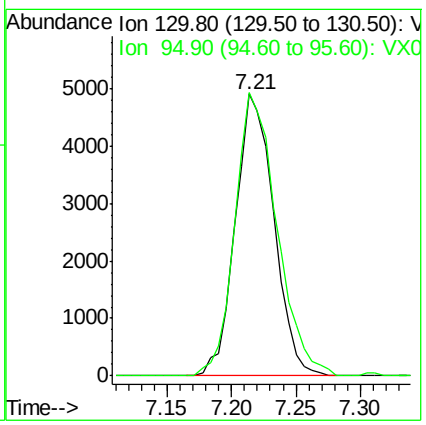


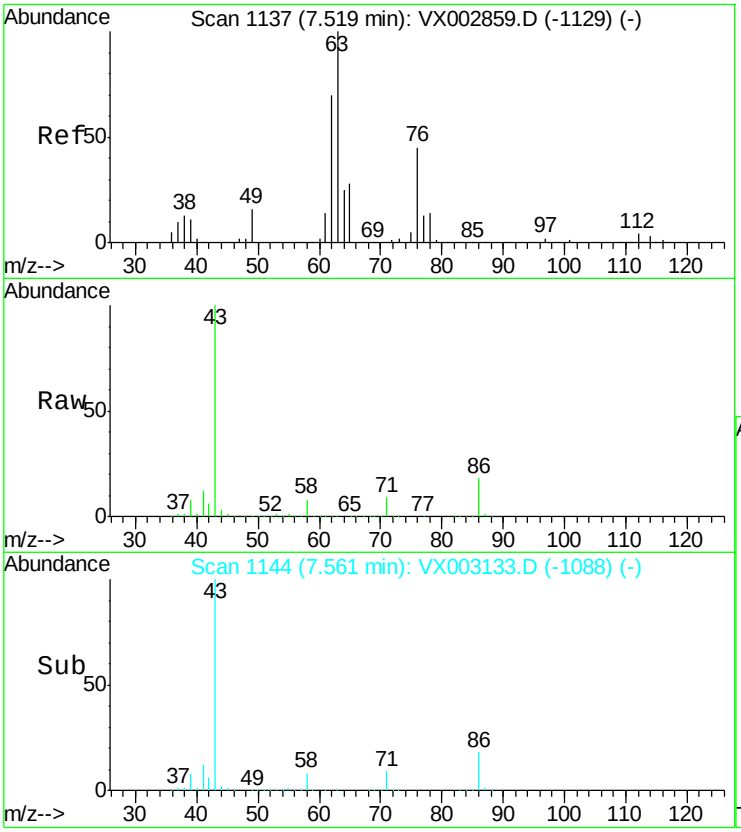


#44
Trichloroethene
Concen: 2.50 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:130 Resp: 10128

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	185.4



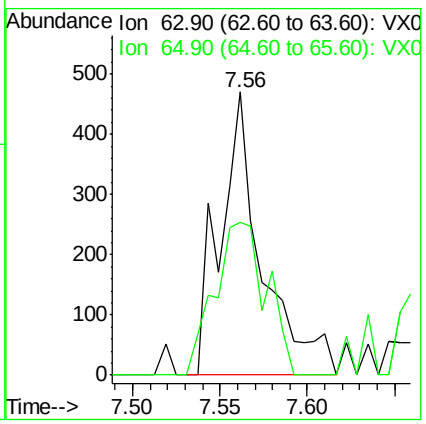


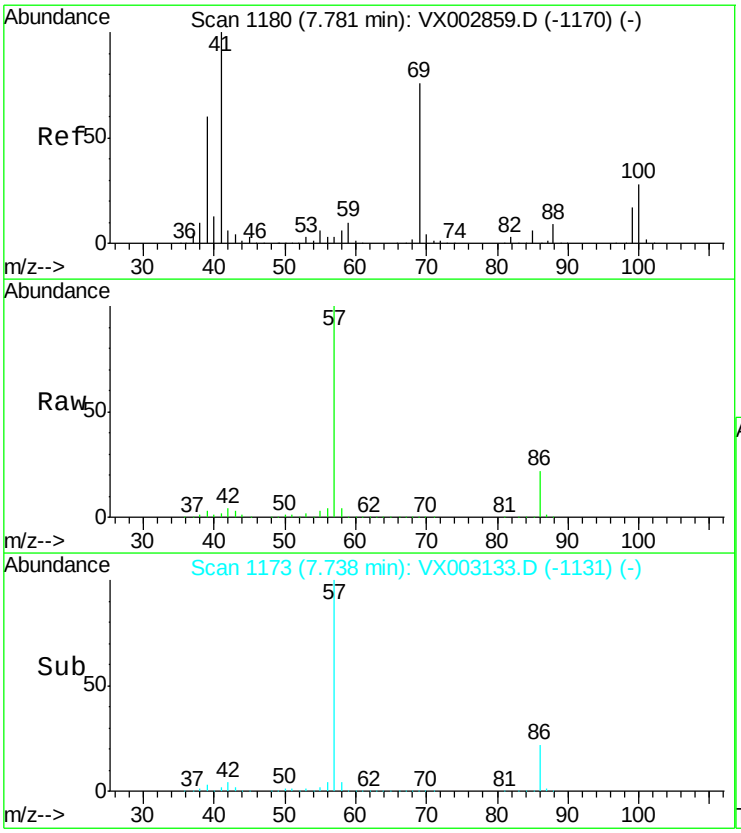
#45
1,2-Dichloropropane
Concen: 0.22 ug/l
RT: 7.56 min Scan# 1144
Delta R.T. 0.04 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 63 Resp: 788

Ion	Ratio	Lower	Upper
63	100		
65	53.8	24.7	37.1#

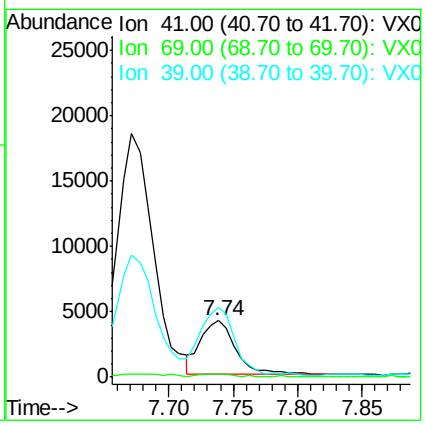


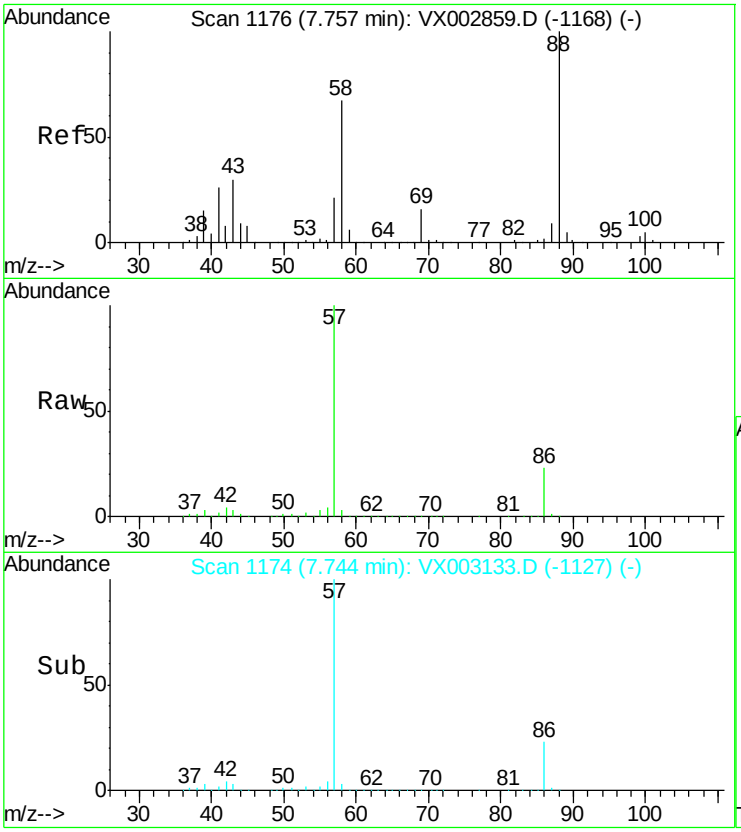


#48
Methyl methacrylate
Concen: 1.85 ug/l
RT: 7.74 min Scan# 1173
Delta R.T. -0.04 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 41 Resp: 8068

Ion	Ratio	Lower	Upper
41	100		
69	6.4	59.1	88.7#
39	119.9	48.9	73.3#



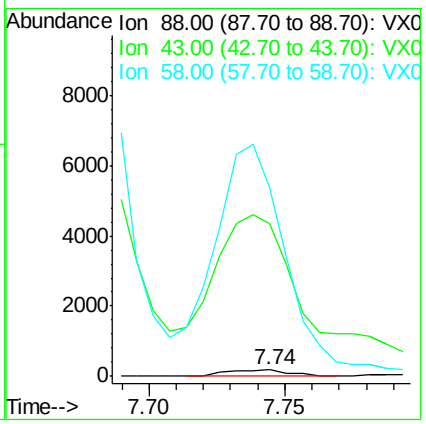


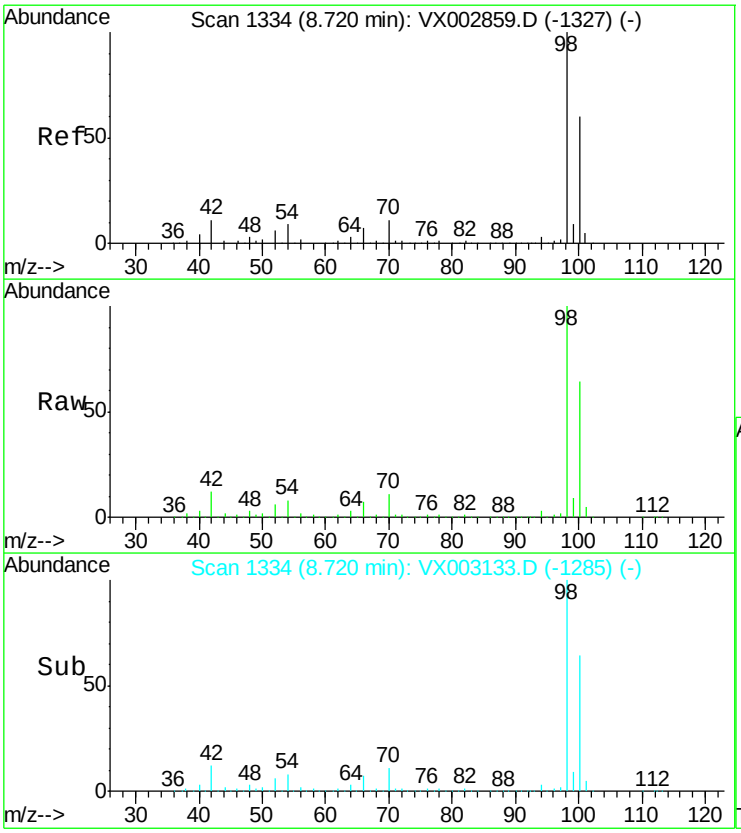
#49
1,4-Dioxane
Concen: 3.55 ug/l
RT: 7.74 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	4029.2	57.1	85.7#

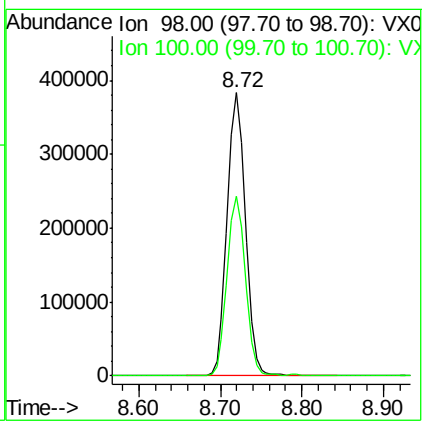


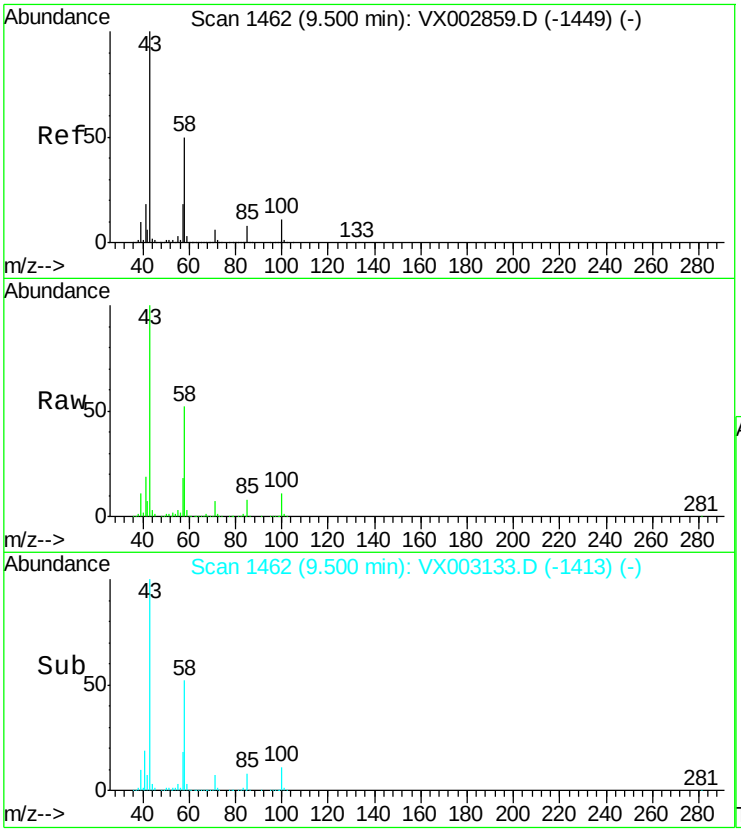


#50
Toluene-d8
Concen: 48.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 98 Resp: 594835

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



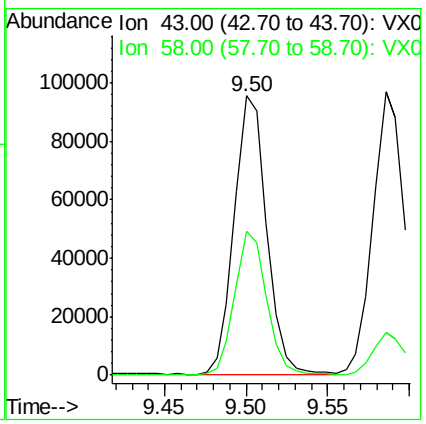


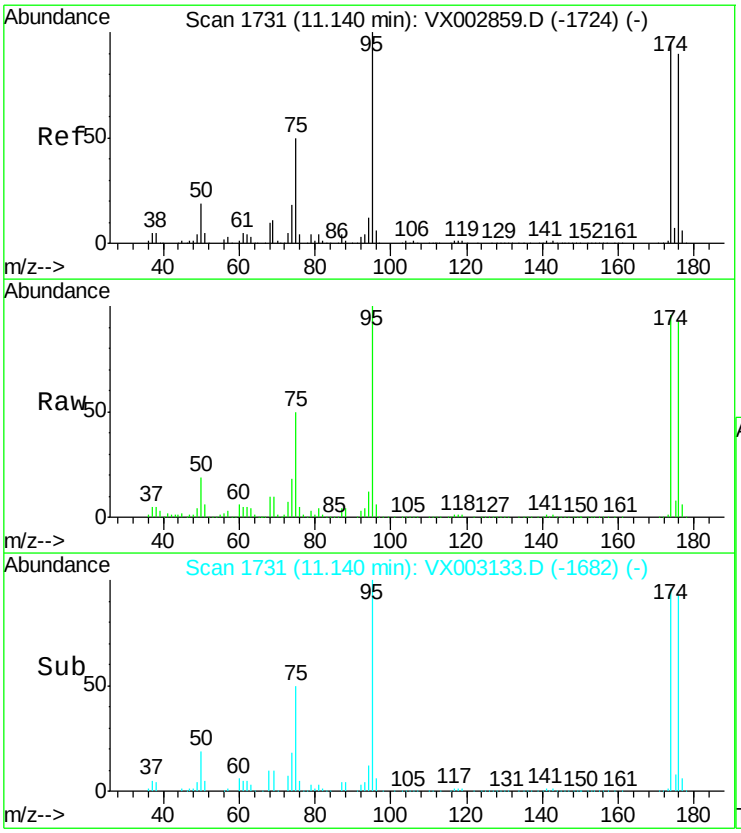
#59
2-Hexanone
Concen: 33.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 43 Resp: 132755

Ion	Ratio	Lower	Upper
43	100		
58	50.7	24.6	73.6

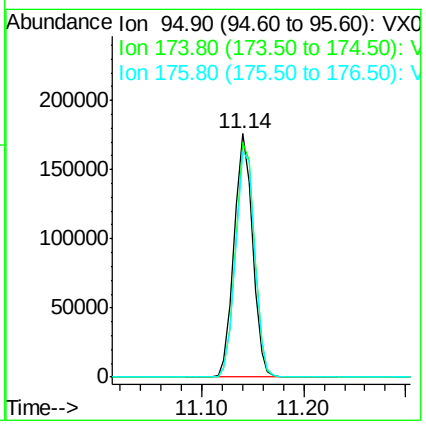


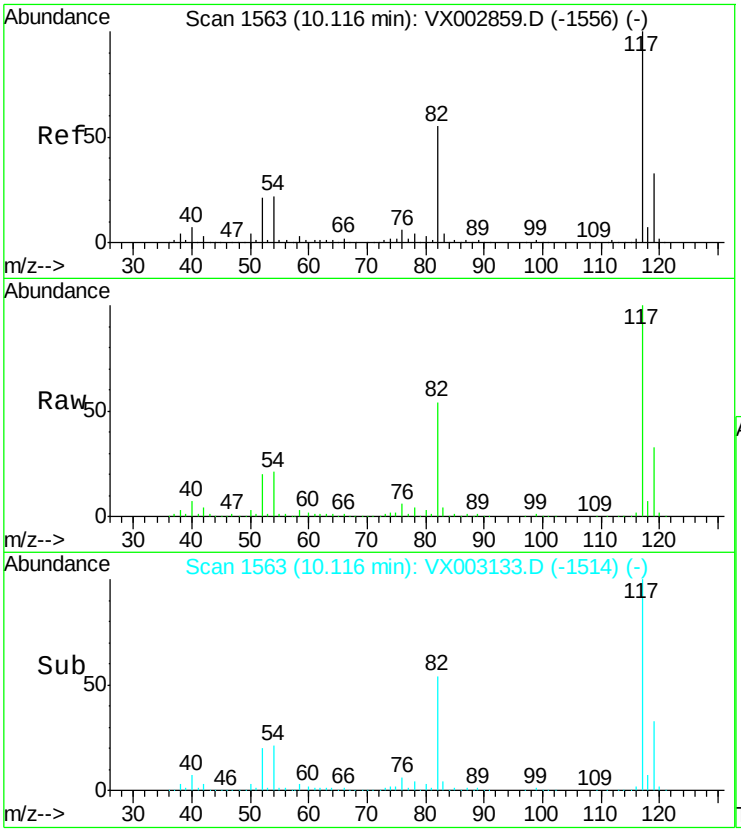


#62
4-Bromofluorobenzene
Concen: 45.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 95 Resp: 218028

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	187.4
176	96.3	0.0	181.0



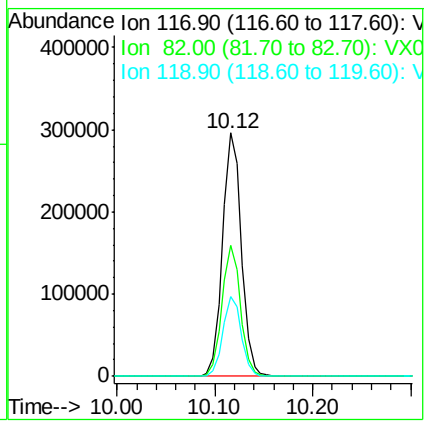


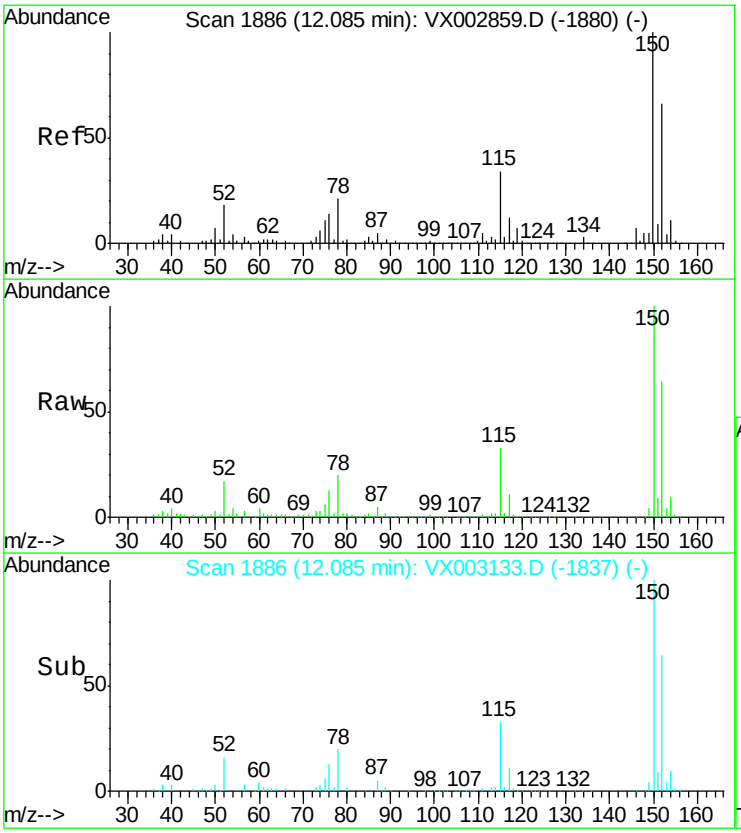
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion:117 Resp: 394920

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.5	25.8	38.6

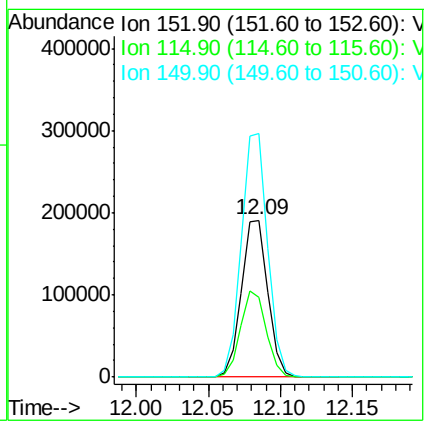


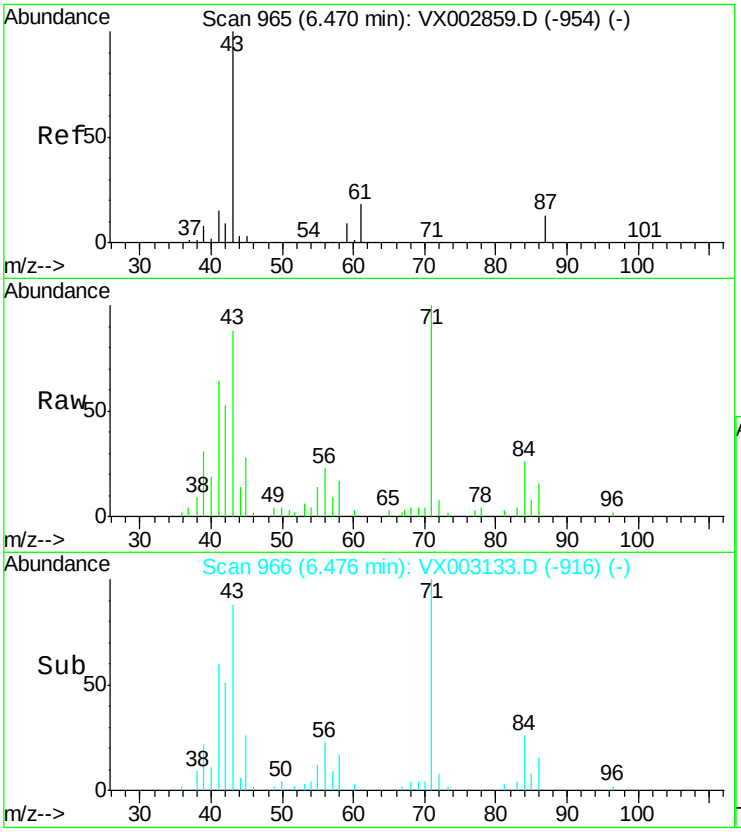


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:152 Resp: 242089

Ion	Ratio	Lower	Upper
152	100		
115	53.8	40.1	120.2
150	155.2	0.0	347.2



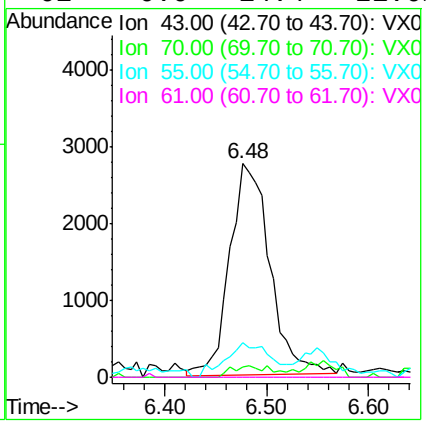


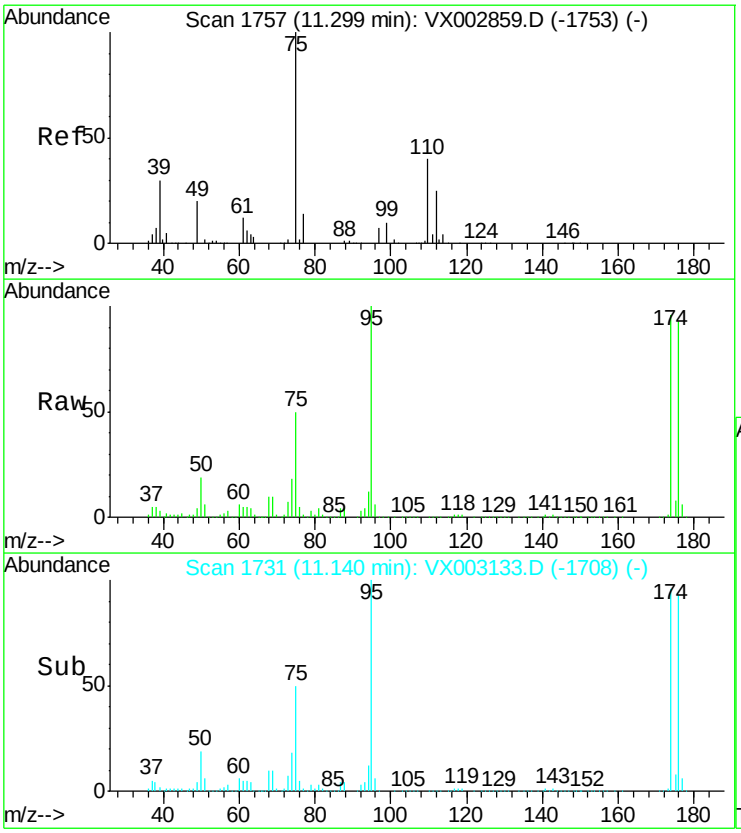
#74
N-amyl acetate
Concen: 0.95 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument : MSVOA_X
ClientSampleId : SP18-CHY02-9001

Tgt Ion: 43 Resp: 7552

Ion	Ratio	Lower	Upper
43	100		
70	3.7	0.0	0.0#
55	18.1	0.0	0.0#
61	0.0	14.4	21.6#

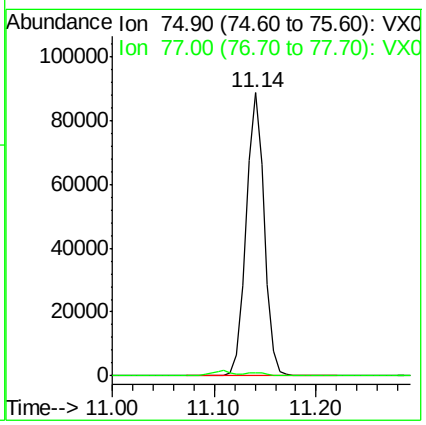


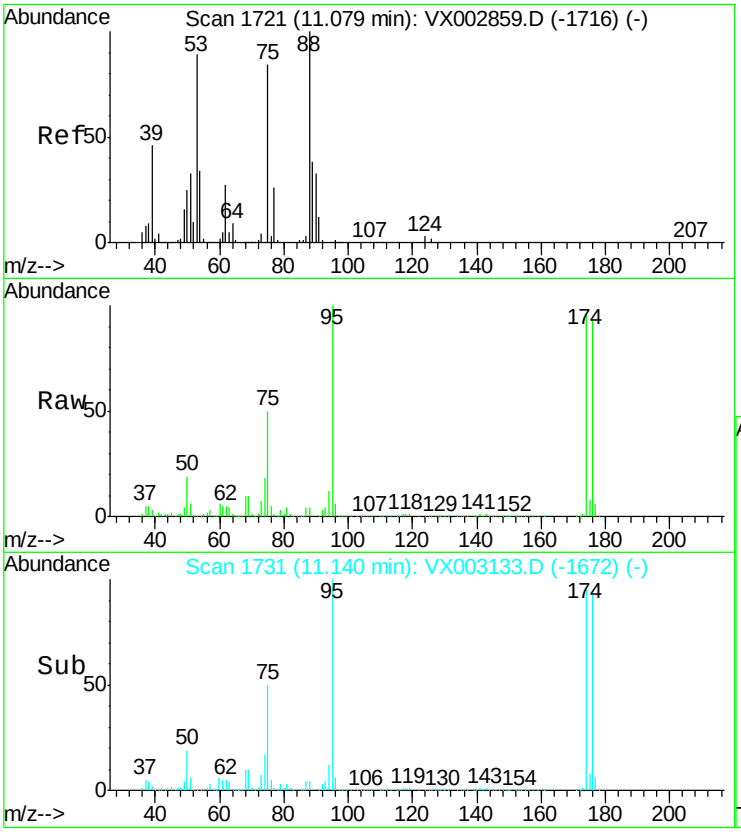


#76
1,2,3-Trichloropropane
Concen: 24.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 75 Resp: 109088

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tgt Ion: 75 Resp: 109088

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.8	130.2#
89	0.0	38.2	57.2#