Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082318\
Data File : VX004236.D
Acq On : 23 Aug 2018 19:27
Operator : JC/MD
Sample : J4295-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OUTFALL

Quant Time: Aug 24 09:44:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	311594	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	488803	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	436610	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	256631	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	209822	51.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.32%				
35) Dibromofluoromethane	5.50	113	180520	49.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.28%				
50) Toluene-d8	8.71	98	691329	50.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.74%				
62) 4-Bromofluorobenzene	11.14	95	252438	49.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.58%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1819	0.74	ug/l	#	75
5) Bromomethane	1.64	94	1212	Below Cal			96
6) Chloroethane	1.62	64	3227	1.95	ug/l	#	58
10) Methyl Iodide	2.52	142	444	4.37	ug/l	#	94
11) Tert butyl alcohol	3.07	59	1255	1.45	ug/l	#	92
13) Acrolein	2.29	56	5210	24.96	ug/l		94
16) Acetone	2.45	43	120810	66.96	ug/l		96
17) Carbon Disulfide	2.57	76	623	0.86	ug/l	#	82
18) Methyl Acetate	2.78	43	1433	0.24	ug/l		94
25) 2-Butanone	4.71	43	35263	10.23	ug/l		100
29) Tetrahydrofuran	5.17	42	678	0.39	ug/l	#	50
36) 1,1-Dichloropropene	5.66	75	20313	3.70	ug/l	#	49
37) Ethyl Acetate	4.71	43	35263	6.52	ug/l	#	68
38) Carbon Tetrachloride	5.67	117	26756	5.18	ug/l	#	14
39) Methylcyclohexane	7.46	83	1740	0.28	ug/l	#	85
48) Methyl methacrylate	7.78	41	2508	0.56	ug/l		89
51) 4-Methyl-2-Pentanone	8.65	43	26805	4.44	ug/l		97
59) 2-Hexanone	9.50	43	5393	1.17	ug/l		96
67) Ethyl Benzene	10.26	91	3809	0.21	ug/l		96
68) m/p-Xylenes	10.36	106	4522	0.65	ug/l		97
70) Styrene	10.71	104	5485	0.51	ug/l		93
74) N-amyl acetate	10.91	43	2514	0.39	ug/l	#	7
76) 1,2,3-Trichloropropane	11.14	75	121983	23.37	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	121983	75.83	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	7292	0.51	ug/l		73
94) Hexachlorobutadiene	13.79	225	108	Below Cal		#	37

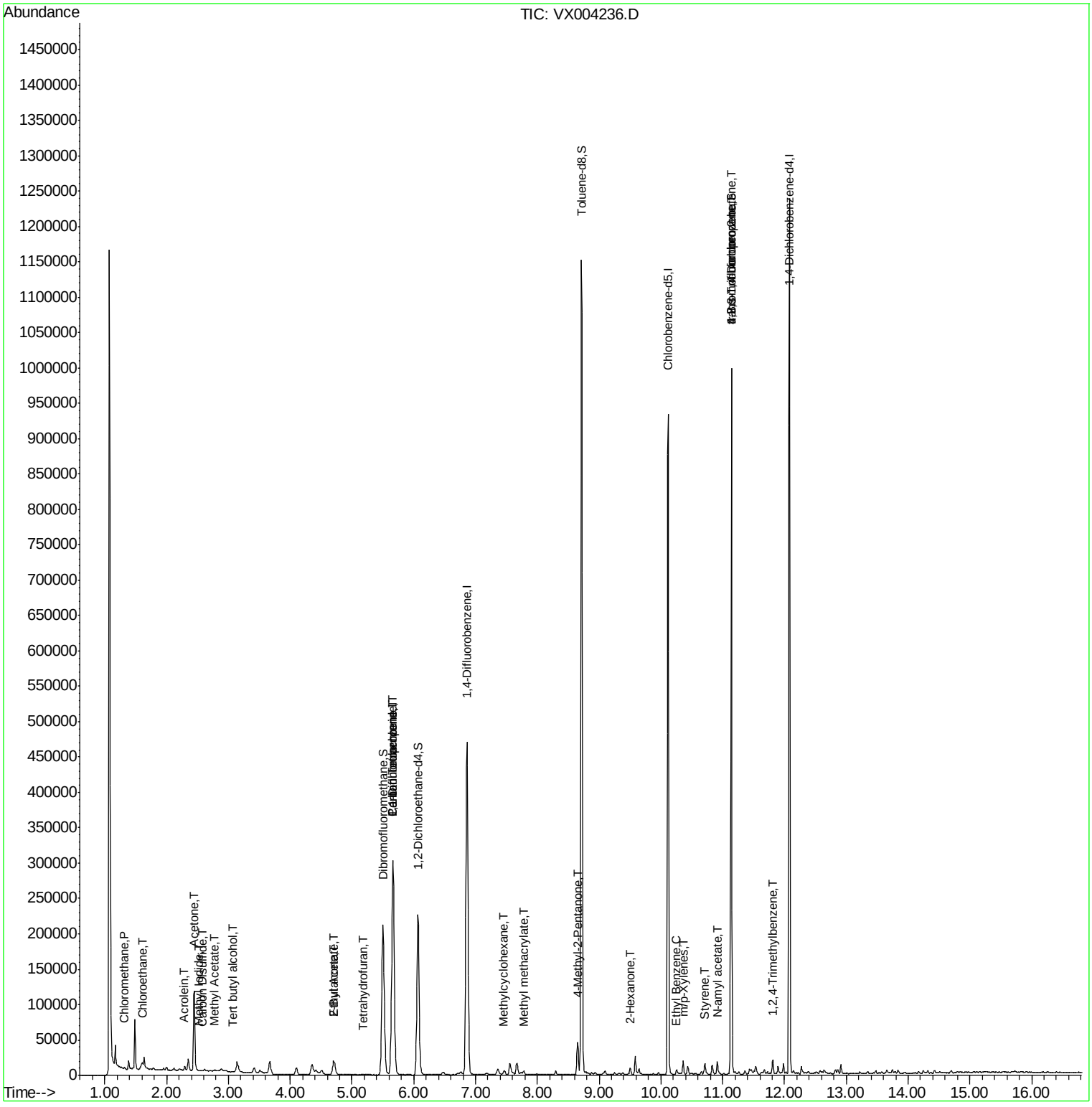
(#) = qualifier out of range (m) = manual integration (+) = signals summed

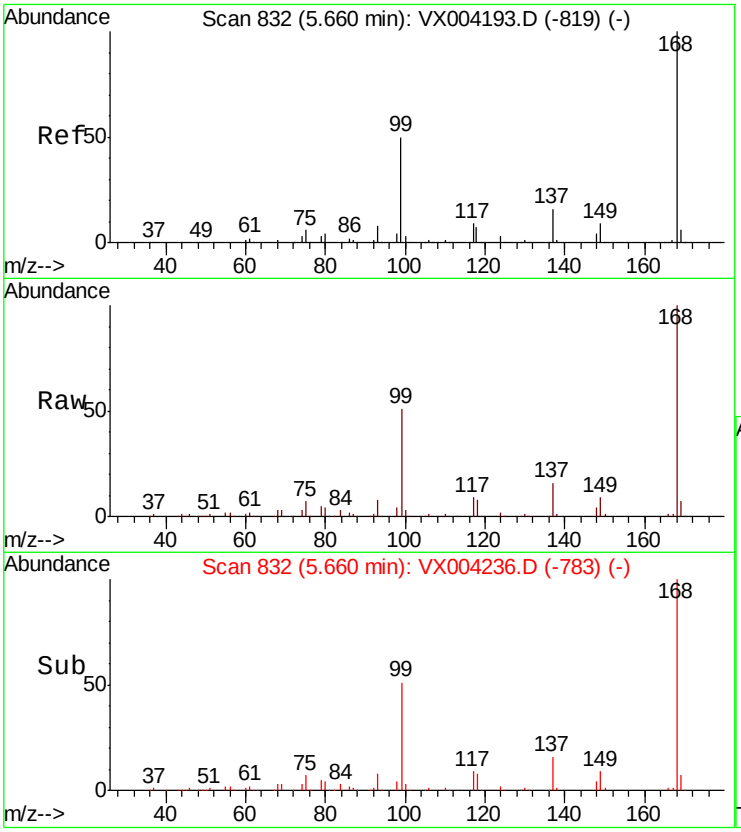
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082318\
Data File : VX004236.D
Acq On : 23 Aug 2018 19:27
Operator : JC/MD
Sample : J4295-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Quant Time: Aug 24 09:44:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



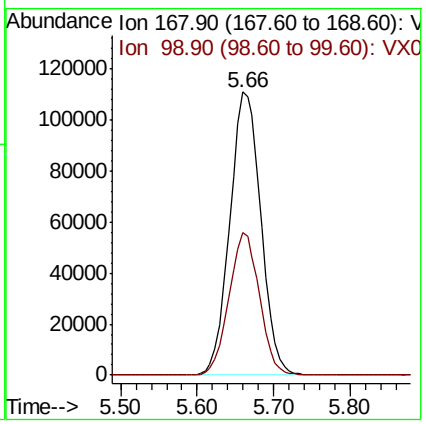


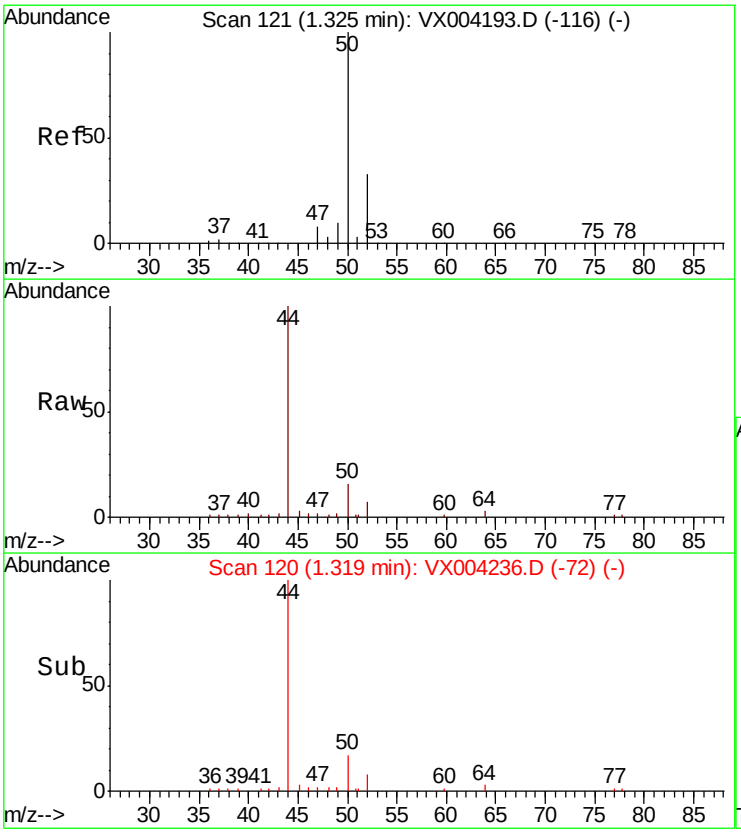
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion:168 Resp: 311594

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.9	59.9

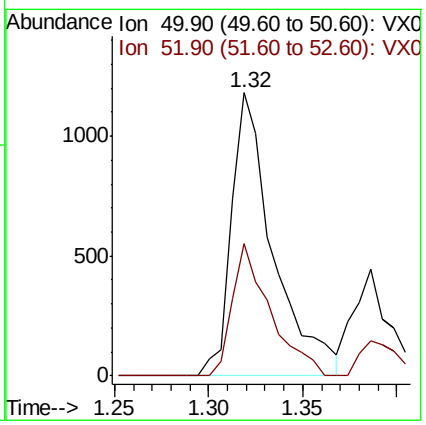


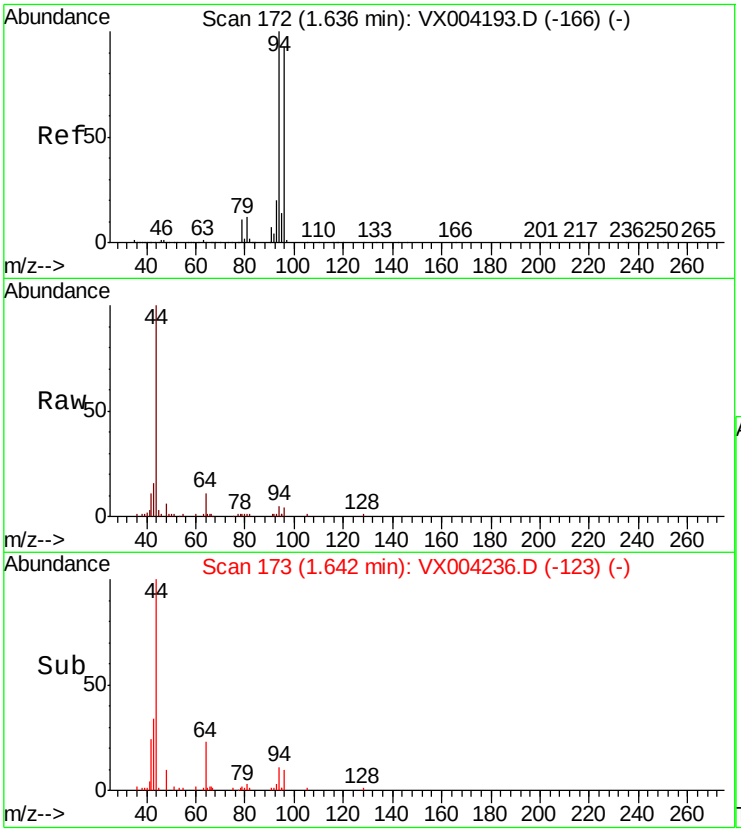


#3
Chloromethane
Concen: 0.74 ug/l
RT: 1.32 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 50 Resp: 1819

Ion	Ratio	Lower	Upper
50	100		
52	46.8	26.2	39.2#



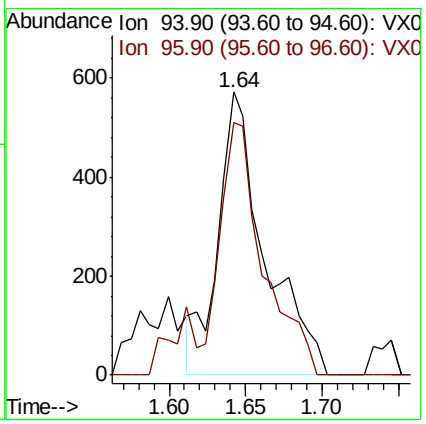


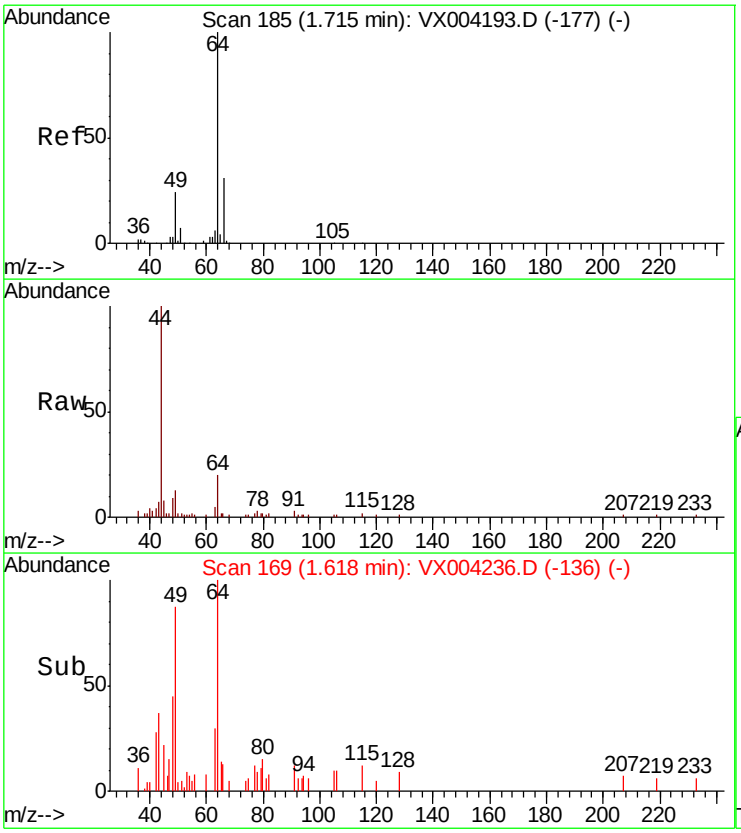
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 94 Resp: 1212

Ion	Ratio	Lower	Upper
94	100		
96	89.3	74.5	111.7

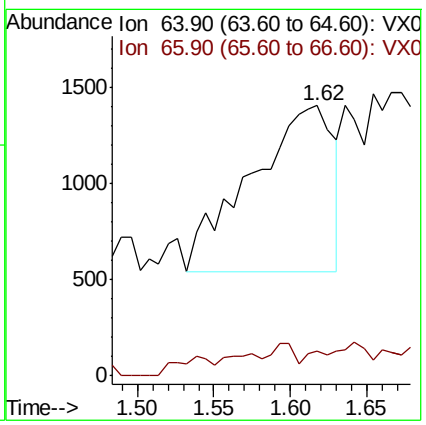


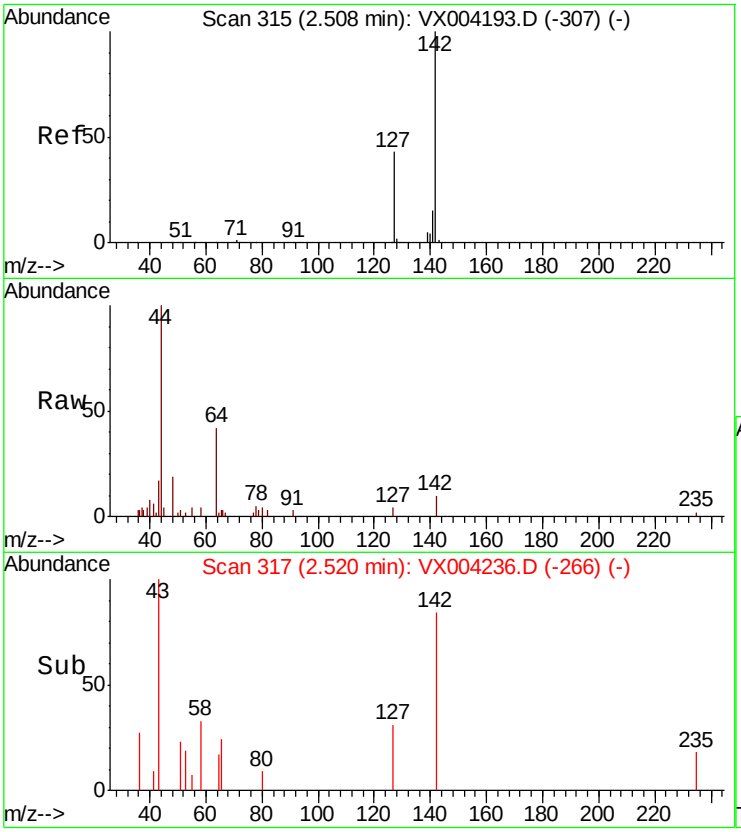


#6
Chloroethane
Concen: 1.95 ug/l
RT: 1.62 min Scan# 169
Delta R.T. -0.10 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 64 Resp: 3227

Ion	Ratio	Lower	Upper
64	100		
66	7.7	24.6	36.8#



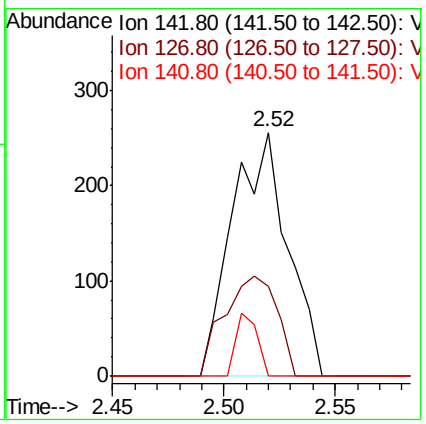


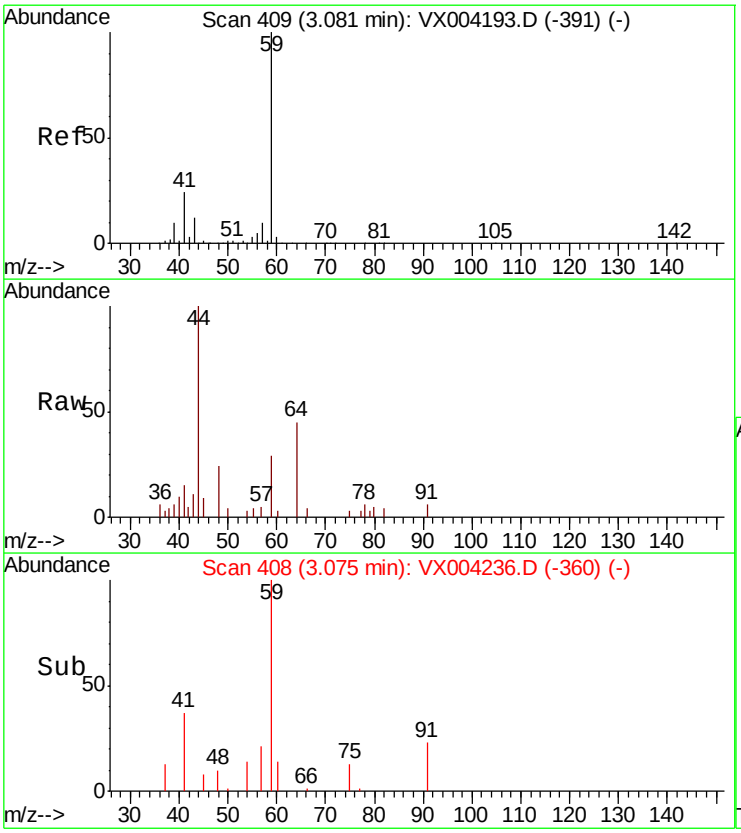
#10
Methyl Iodide
Concen: 4.37 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument : MSVOA_X
ClientSampleId : OUTFALL

Tgt Ion:142 Resp: 444

Ion	Ratio	Lower	Upper
142	100		
127	39.0	33.8	50.6
141	9.9	11.4	17.0#

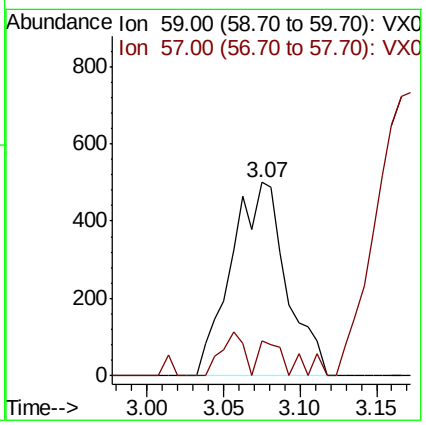


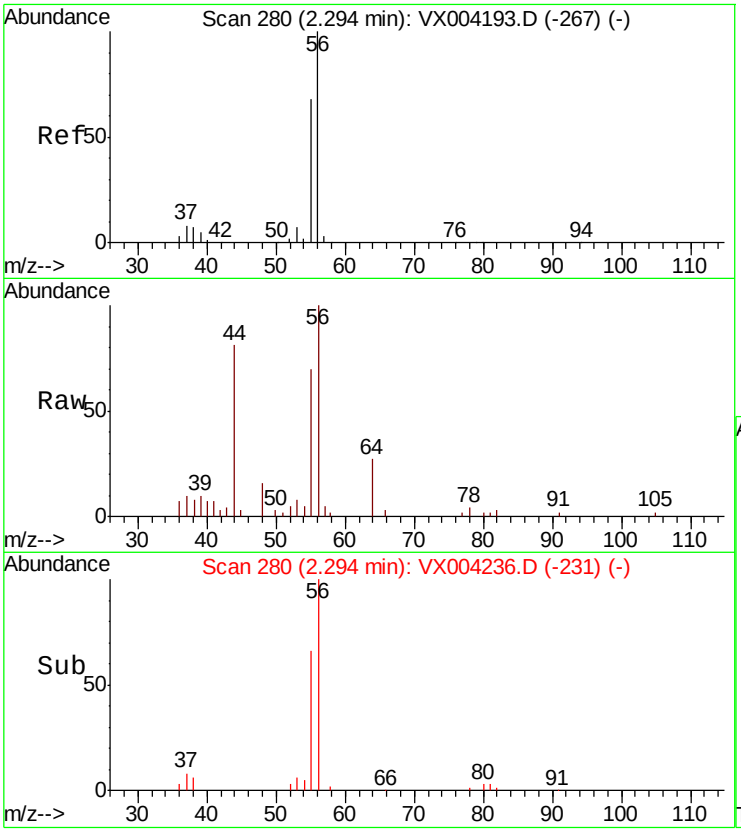


#11
Tert butyl alcohol
Concen: 1.45 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 59 Resp: 1255

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.2	12.4#



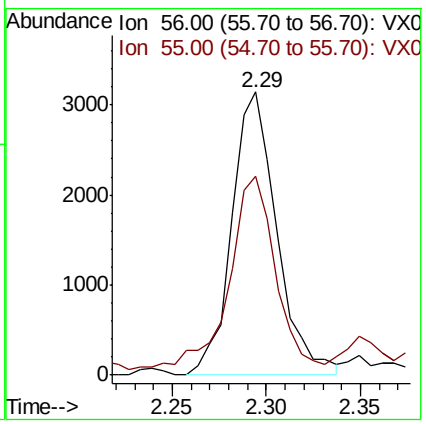


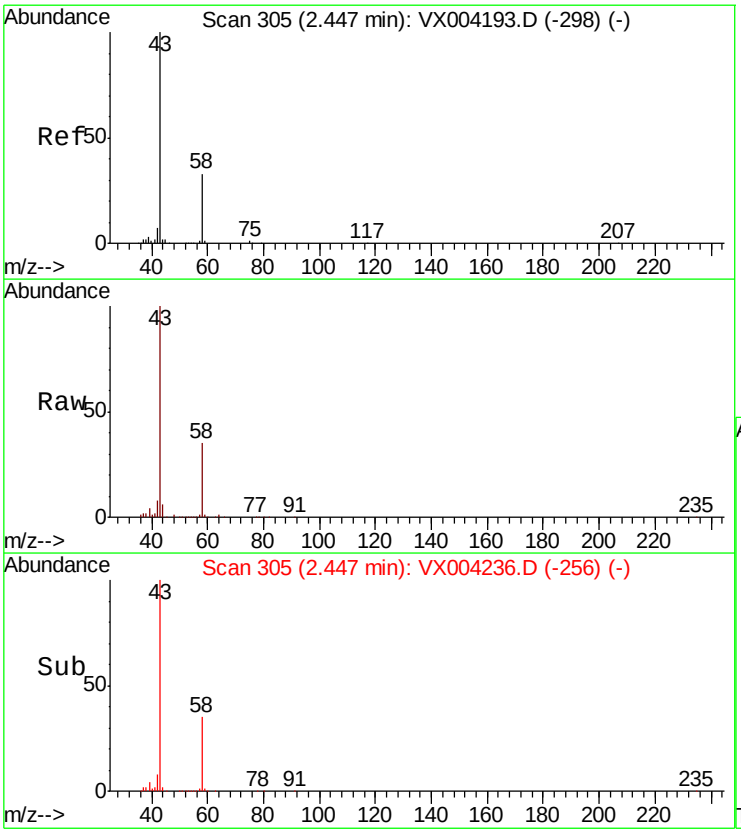
#13
Acrolein
Concen: 24.96 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 56 Resp: 5210

Ion	Ratio	Lower	Upper
56	100		
55	73.2	54.7	82.1

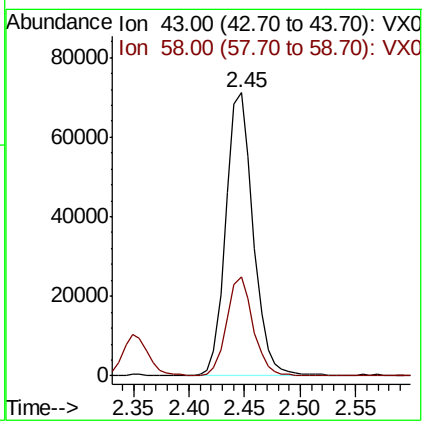


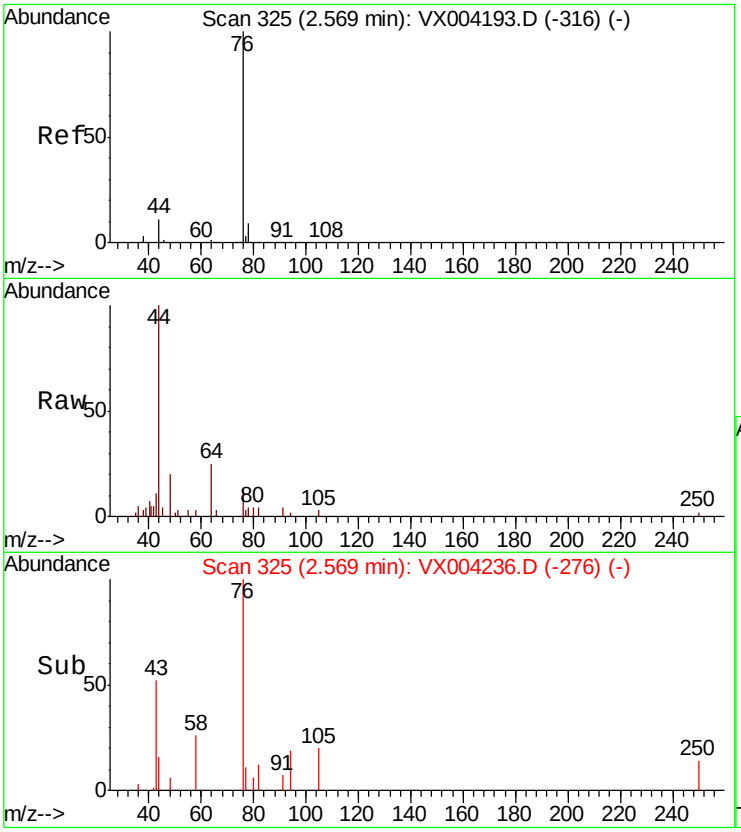


#16
Acetone
Concen: 66.96 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 43 Resp: 120810

Ion	Ratio	Lower	Upper
43	100		
58	35.0	26.2	39.4



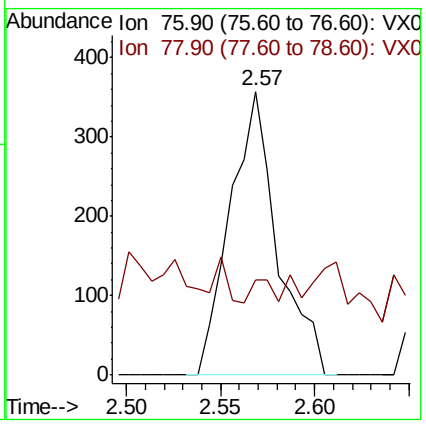


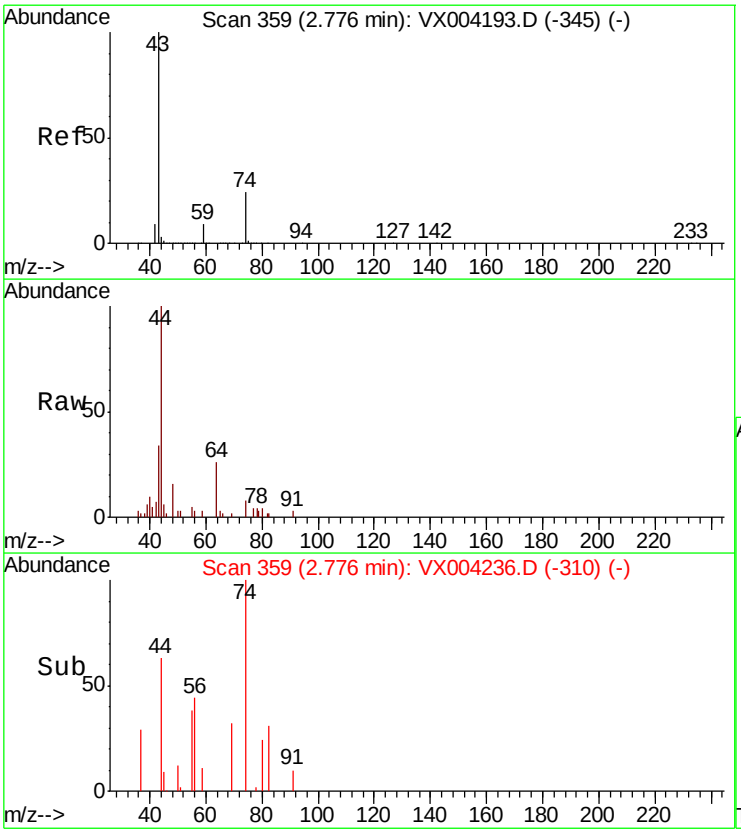
#17
Carbon Disulfide
Concen: 0.86 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 76 Resp: 623

Ion	Ratio	Lower	Upper
76	100		
78	2.2	7.0	10.6#

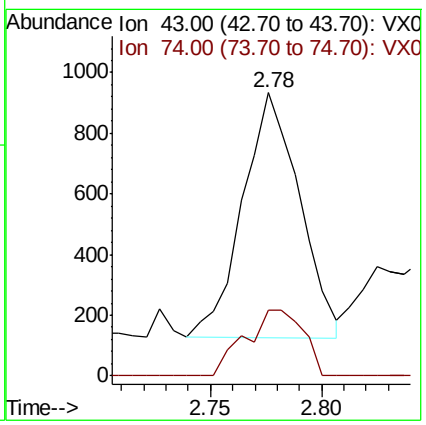


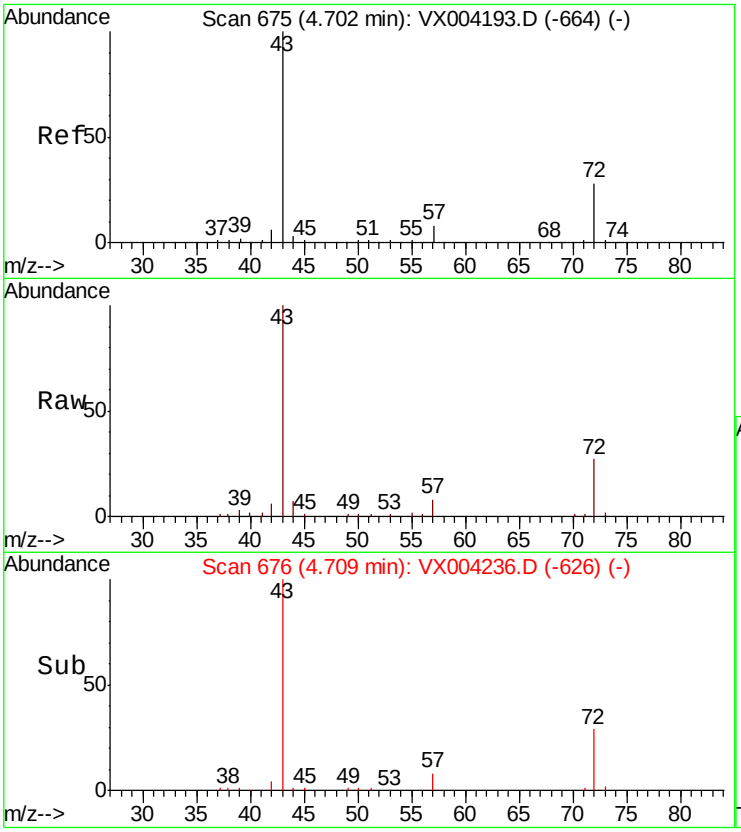


#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 43 Resp: 1433

Ion	Ratio	Lower	Upper
43	100		
74	27.2	19.4	29.2



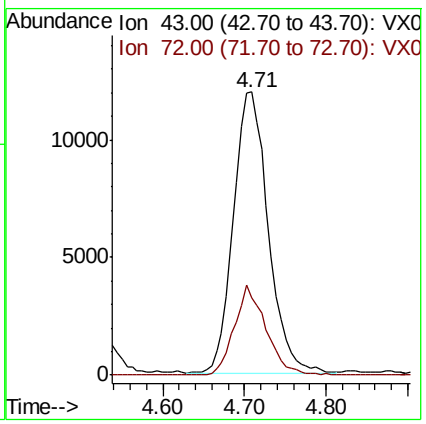


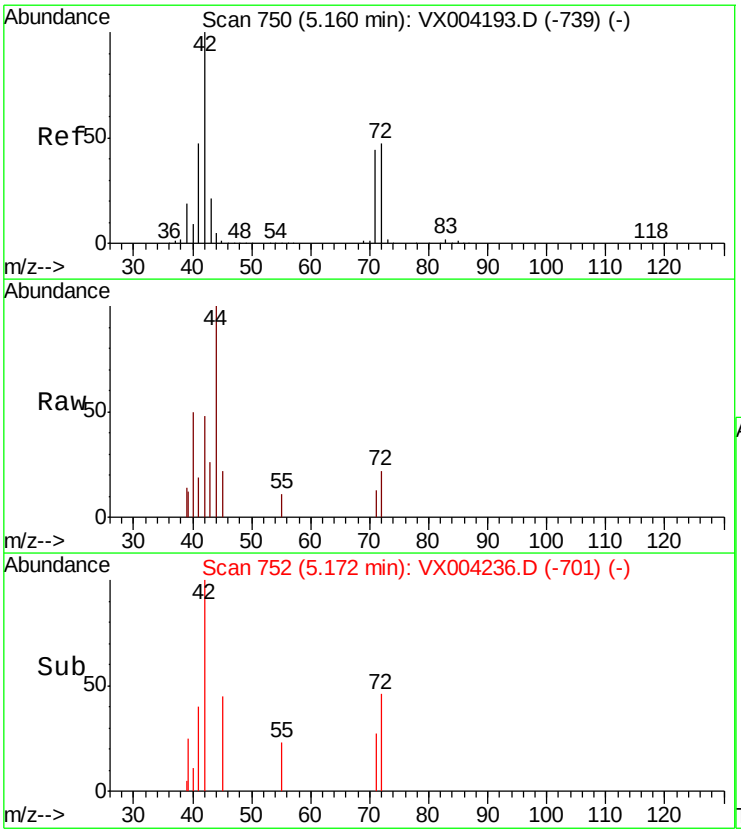
#25
2-Butanone
Concen: 10.23 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 43 Resp: 35263

Ion	Ratio	Lower	Upper
43	100		
72	27.4	22.0	33.0

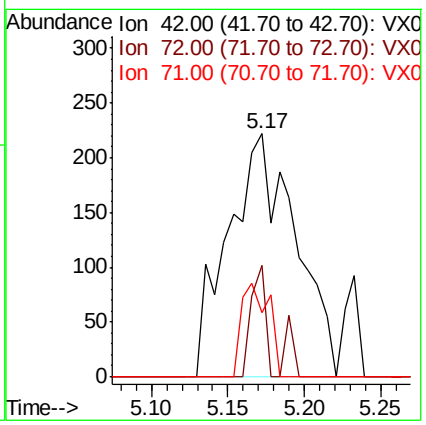


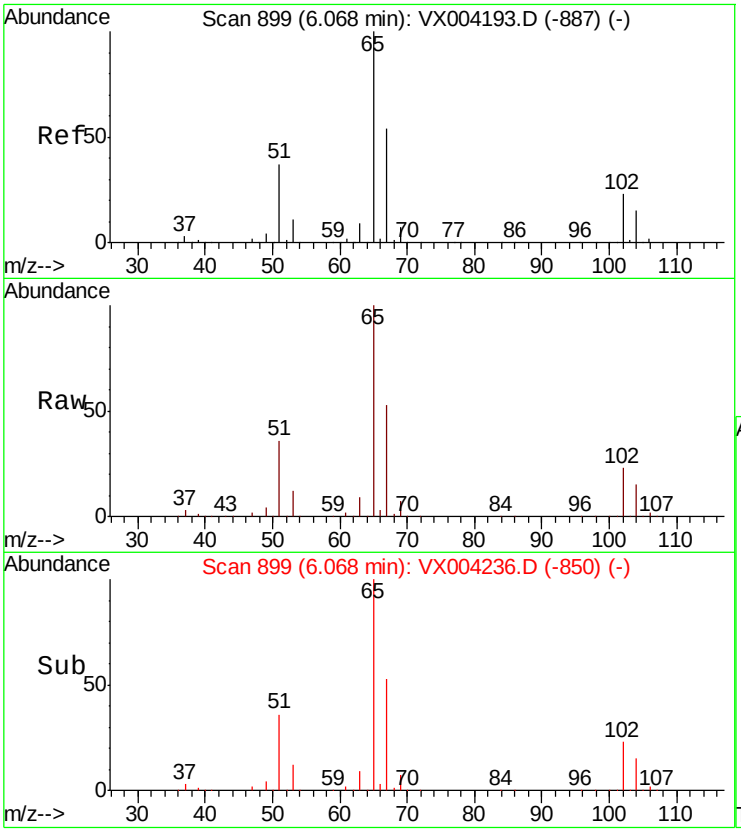


#29
Tetrahydrofuran
Concen: 0.39 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 42 Resp: 678

Ion	Ratio	Lower	Upper
42	100		
72	9.4	37.4	56.0#
71	15.8	34.5	51.7#



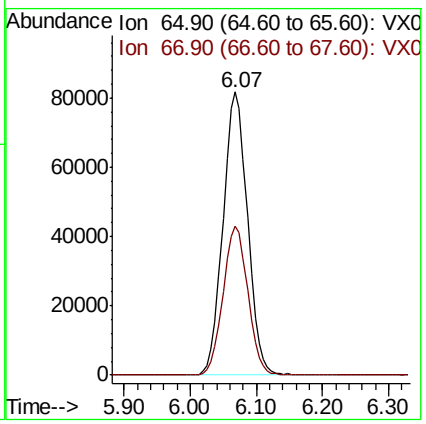


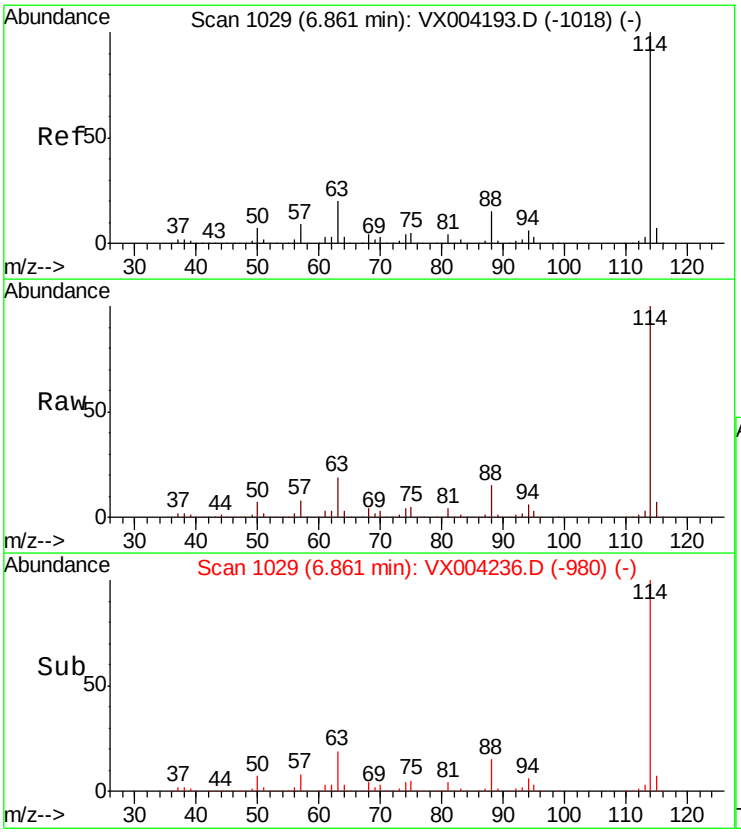
#33
1,2-Dichloroethane-d4
Concen: 51.66 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 65 Resp: 209822

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	106.8

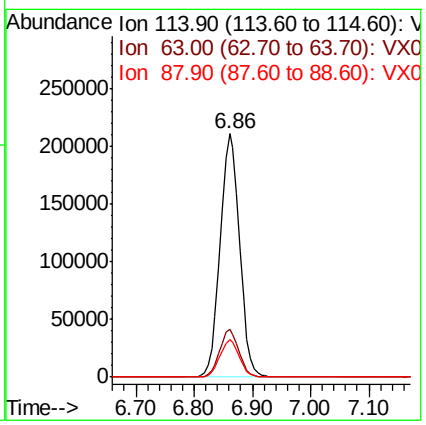


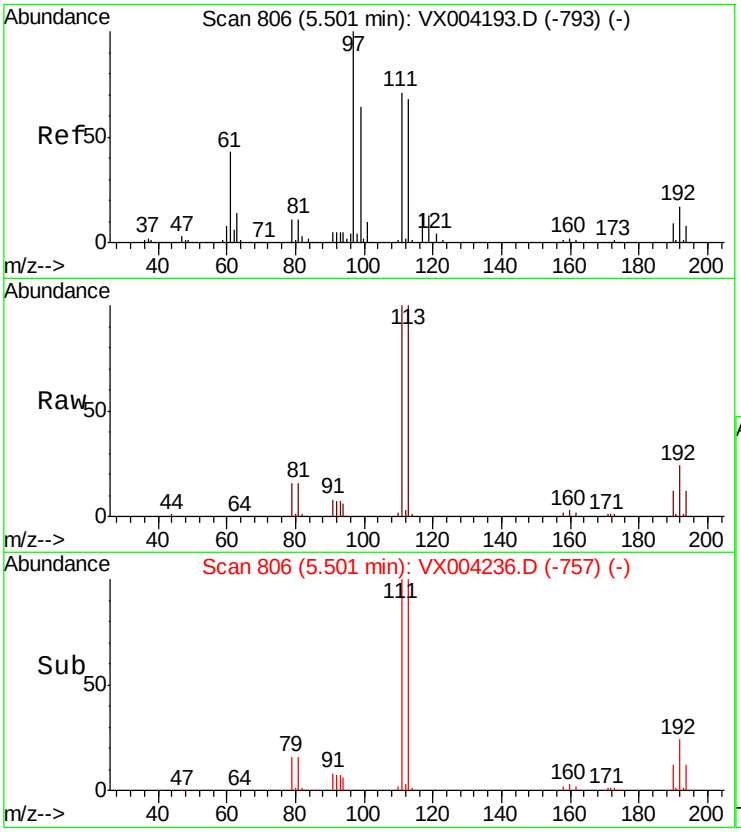


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion:114 Resp: 488803

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.3	0.0	30.4



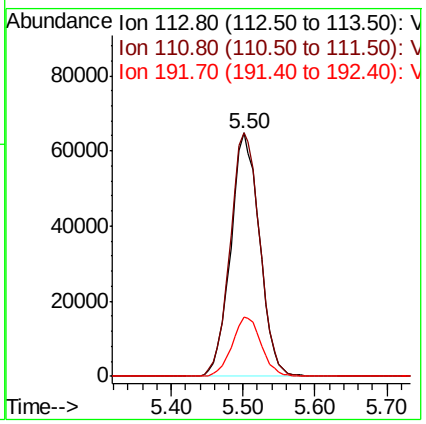


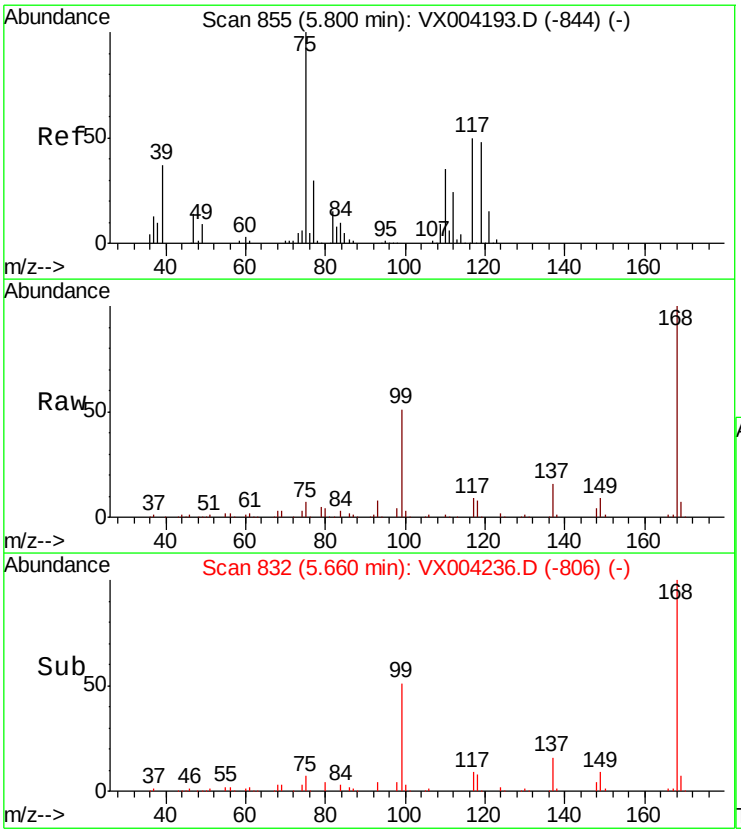
#35
Dibromofluoromethane
Concen: 49.64 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion:113 Resp: 180520

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.5	19.4	29.2

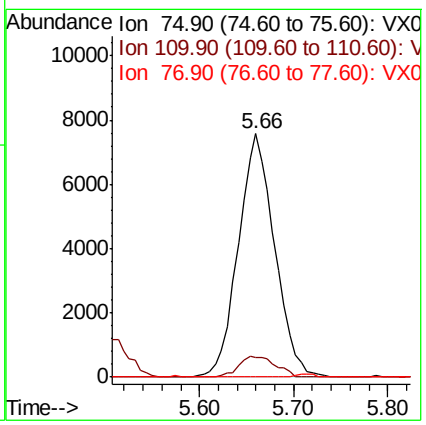


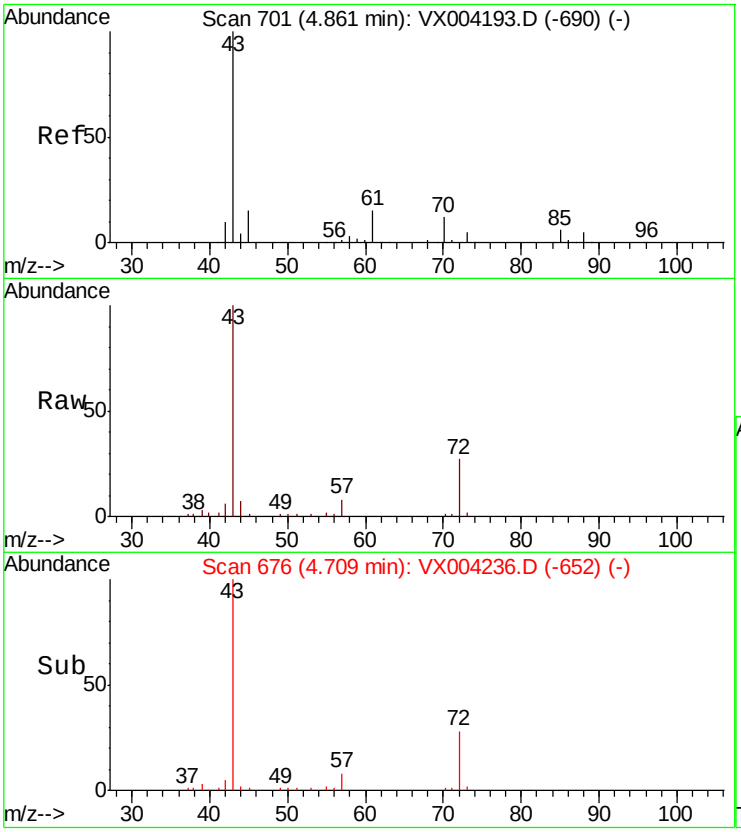


#36
1,1-Dichloropropene
Concen: 3.70 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 75 Resp: 20313

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.6	36.8#



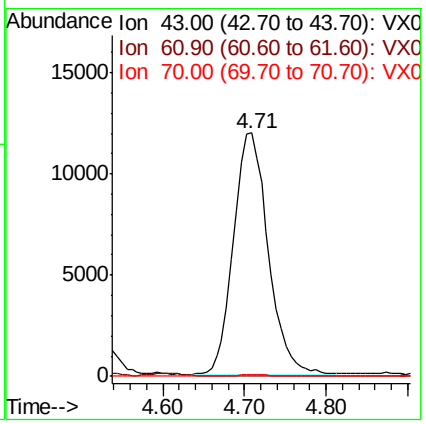


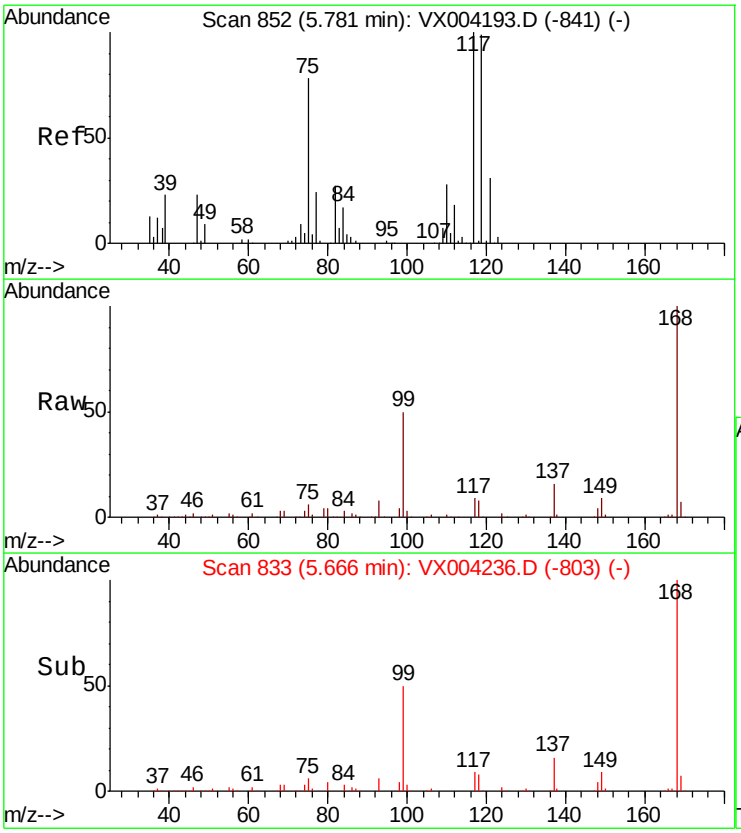
#37
Ethyl Acetate
Concen: 6.52 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.15 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 43 Resp: 35263

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.4	9.0	13.6#

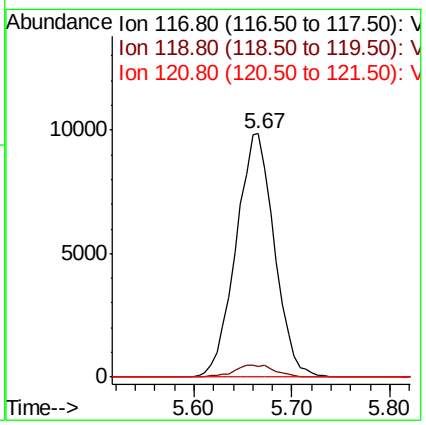


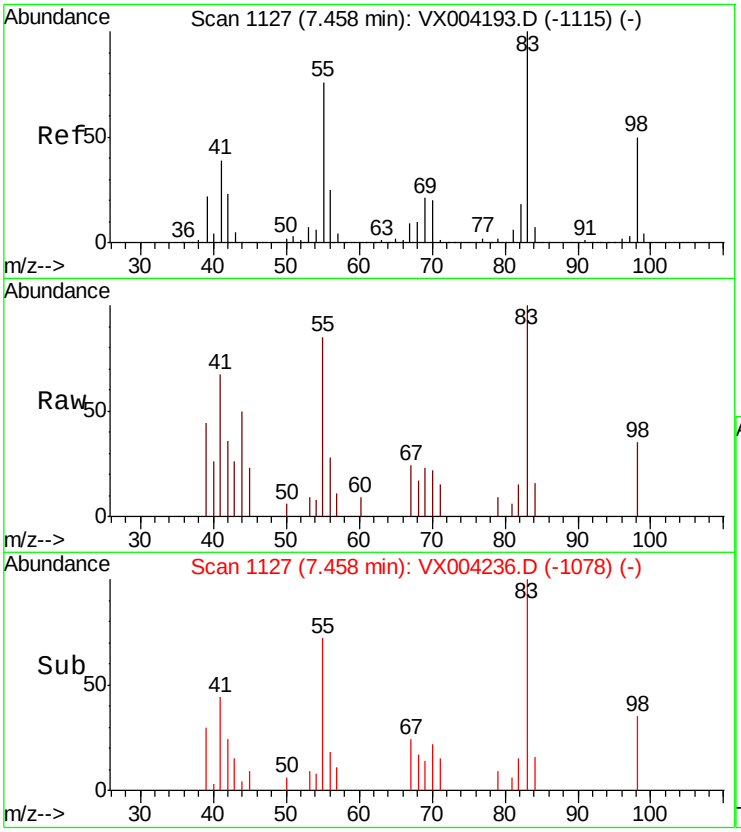


#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion:117 Resp: 26756

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.8	118.2#
121	0.0	24.9	37.3#



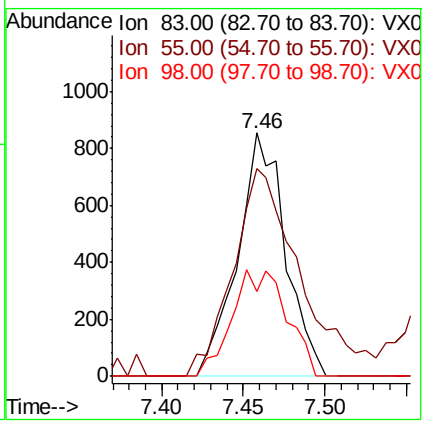


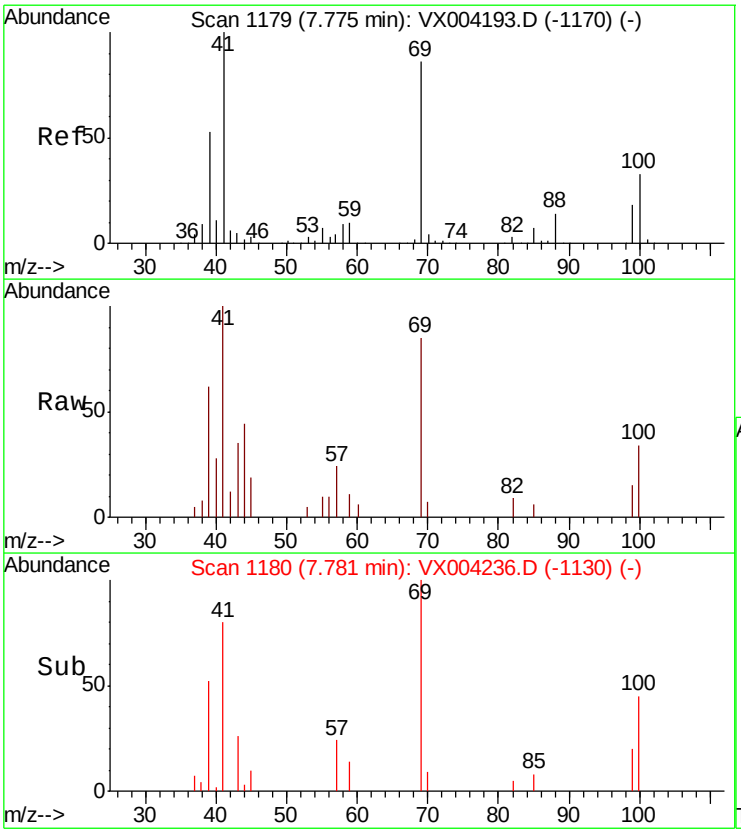
#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 83 Resp: 1740

Ion	Ratio	Lower	Upper
83	100		
55	85.3	61.0	91.4
98	35.0	39.6	59.4#

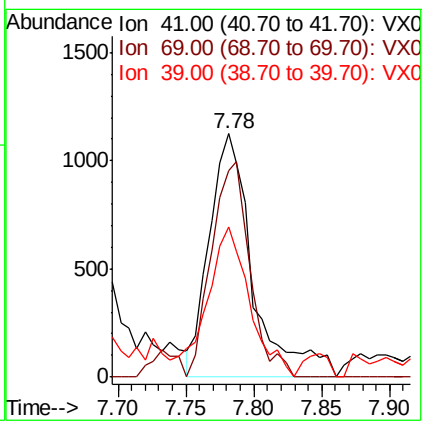


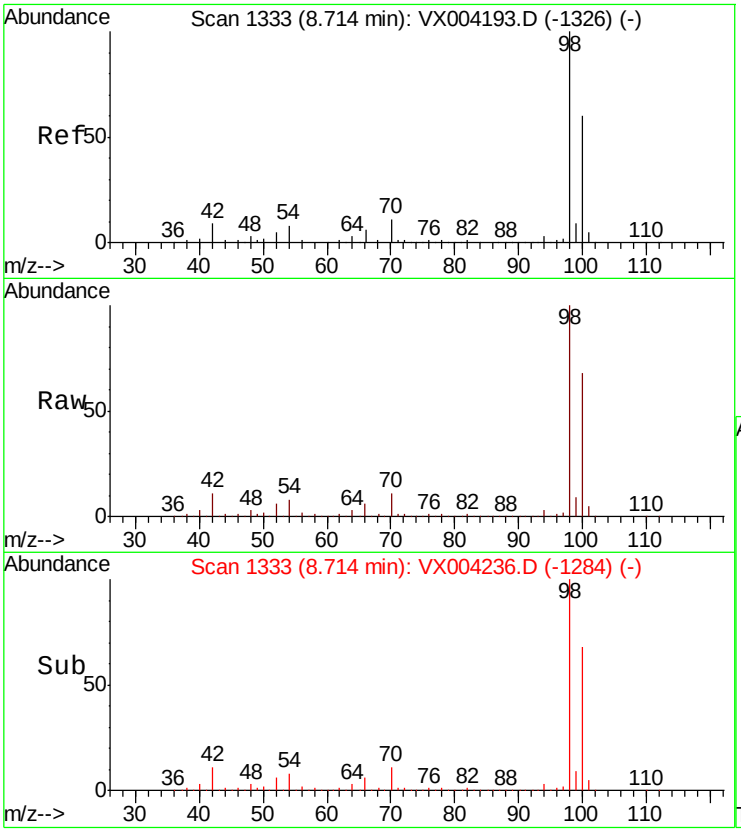


#48
Methyl methacrylate
Concen: 0.56 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 41 Resp: 2508

Ion	Ratio	Lower	Upper
41	100		
69	77.6	70.2	105.4
39	60.4	42.7	64.1



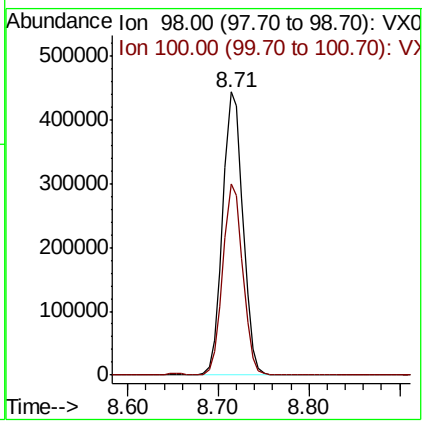


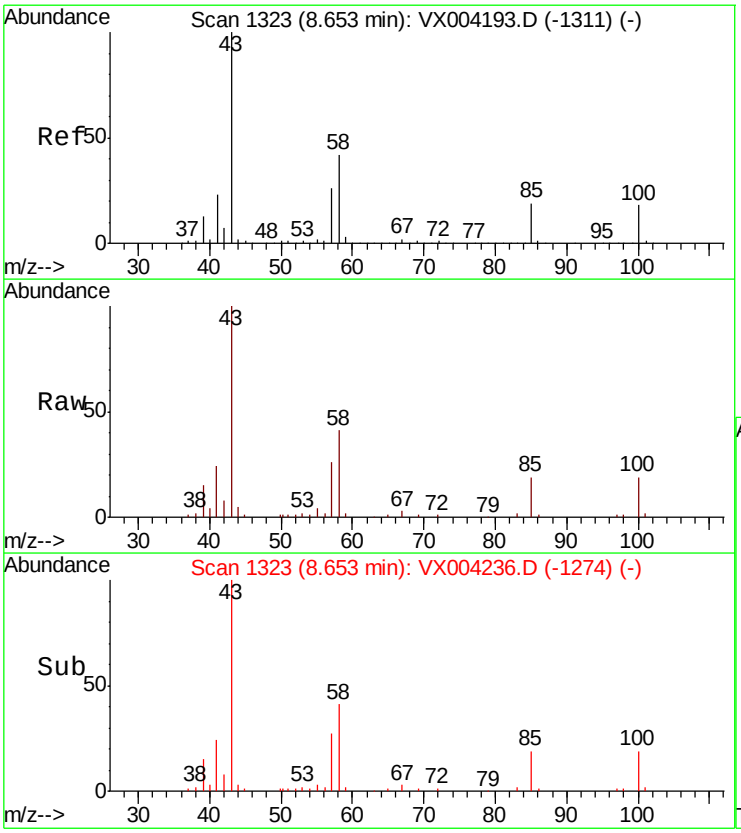
#50
Toluene-d8
Concen: 50.37 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 98 Resp: 691329

Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3

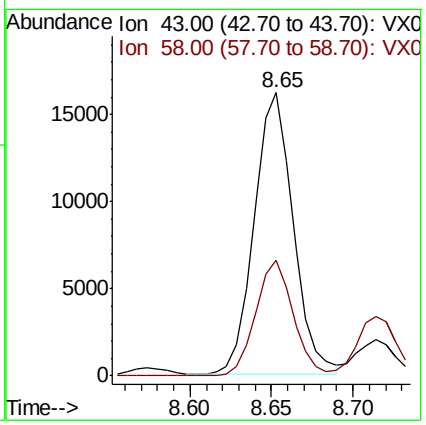


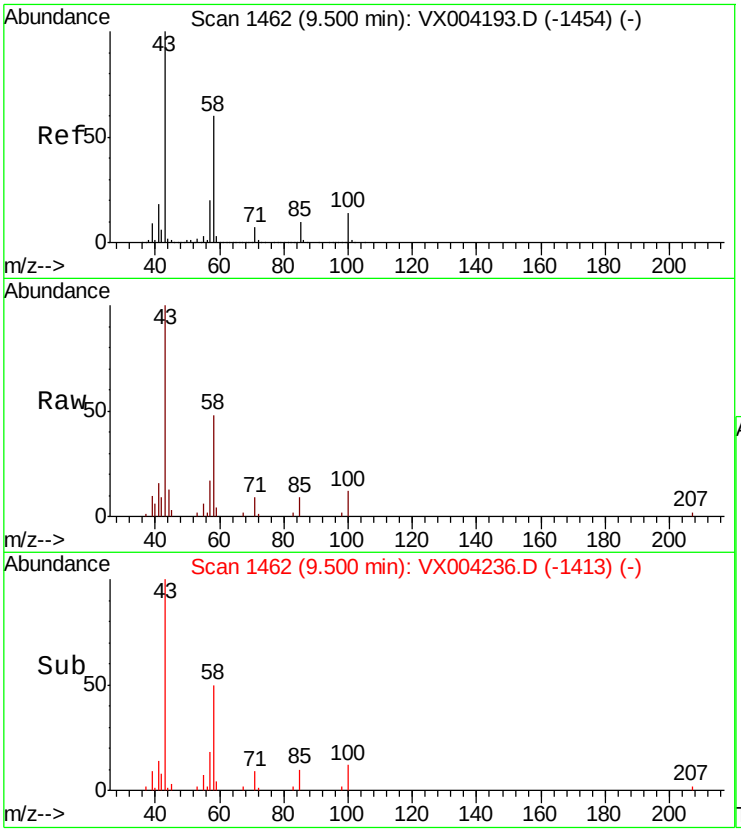


#51
4-Methyl-2-Pentanone
Concen: 4.44 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 43 Resp: 26805

Ion	Ratio	Lower	Upper
43	100		
58	39.4	33.1	49.7



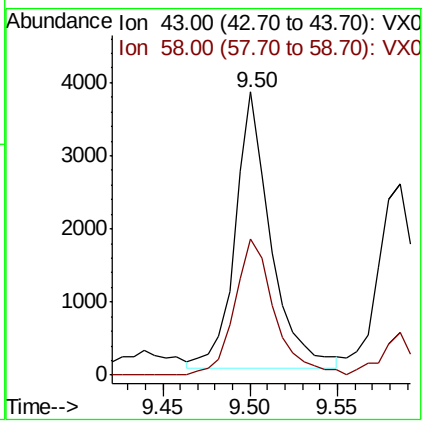


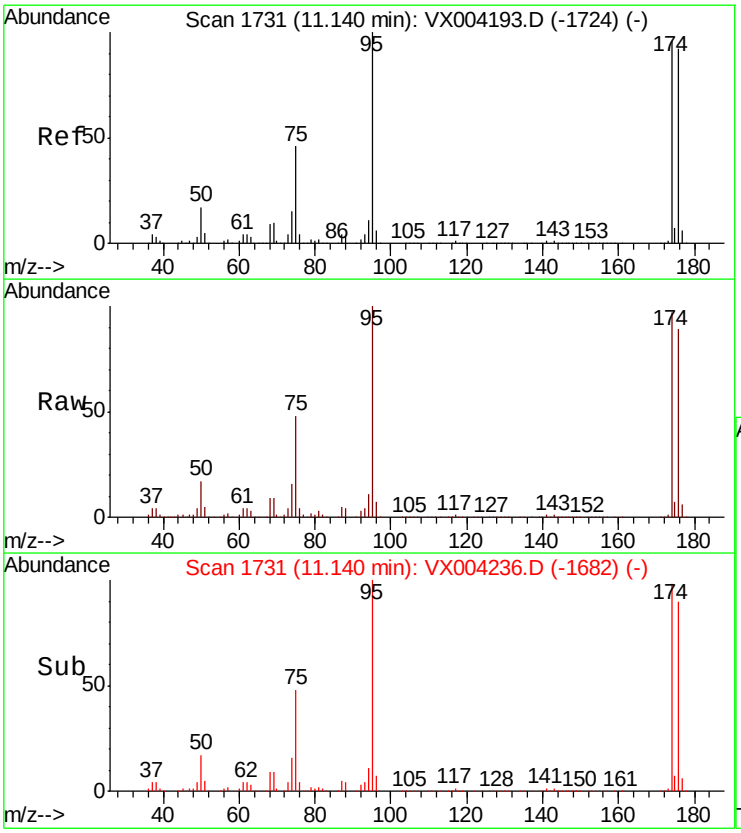
#59
2-Hexanone
Concen: 1.17 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 43 Resp: 5393

Ion	Ratio	Lower	Upper
43	100		
58	54.8	29.0	87.0

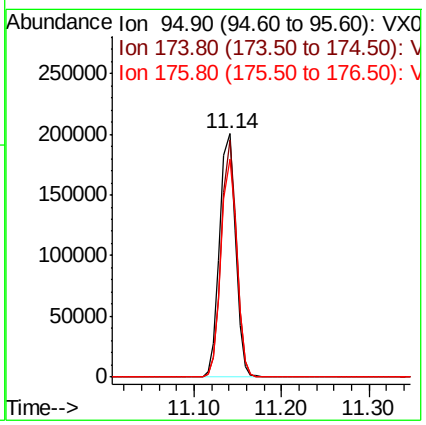


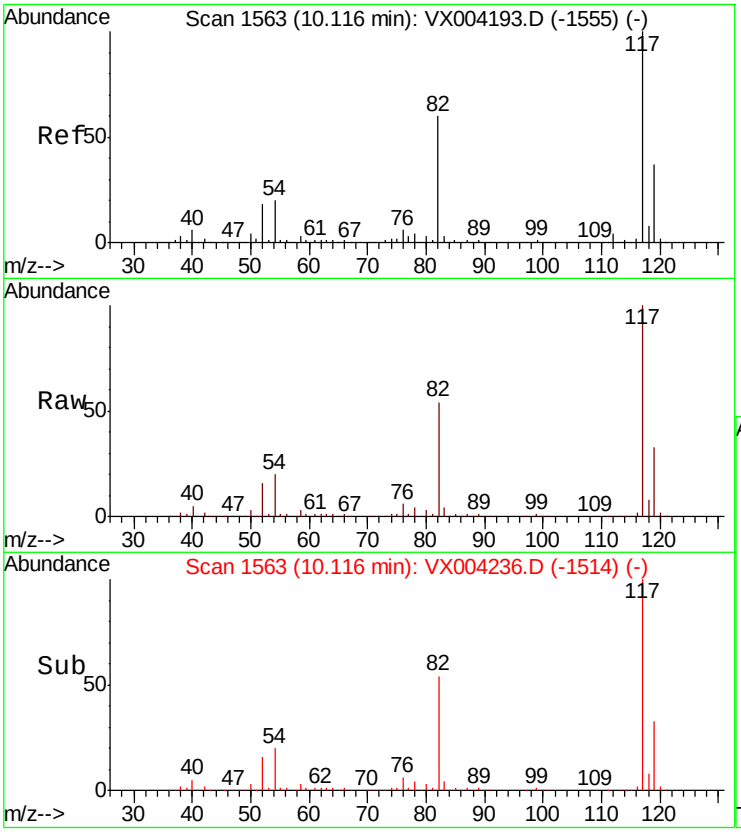


#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 95 Resp: 252438

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	185.2
176	88.8	0.0	178.6



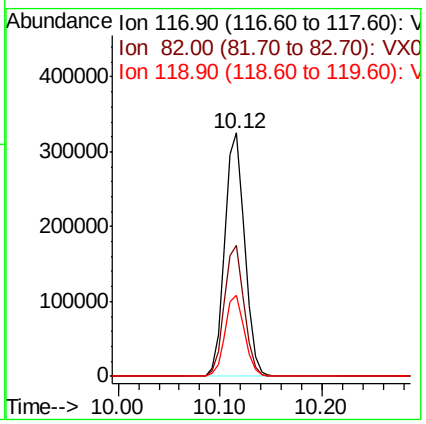


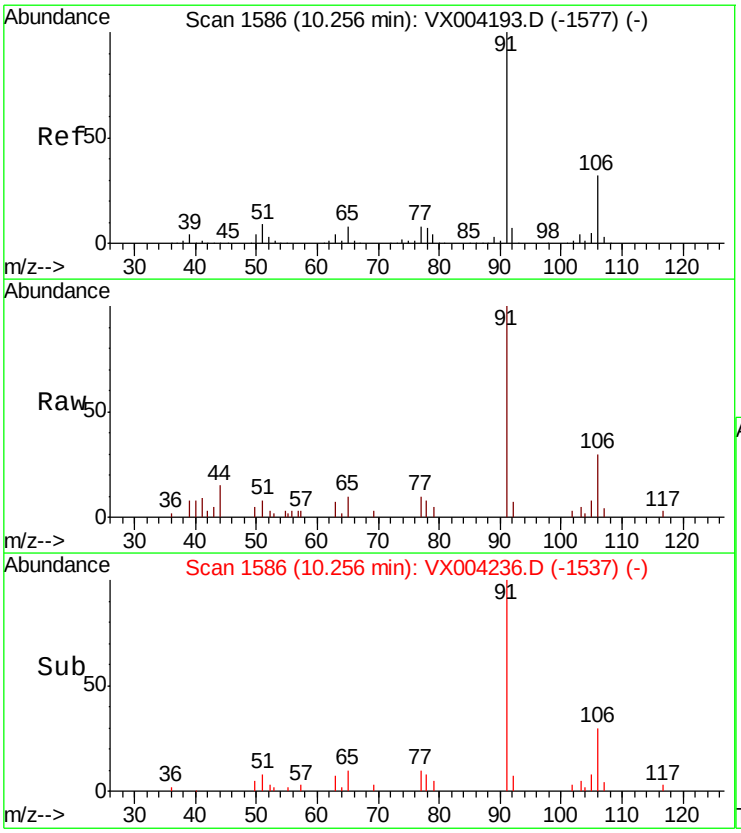
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion:117 Resp: 436610

Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.6
119	33.2	29.3	43.9

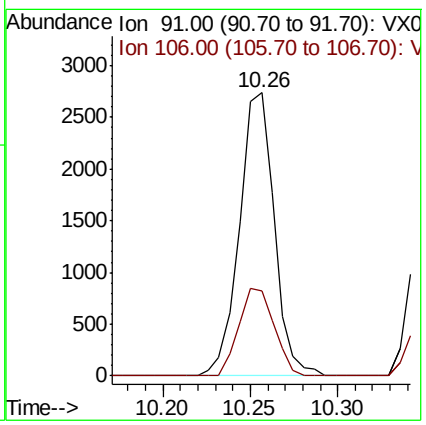


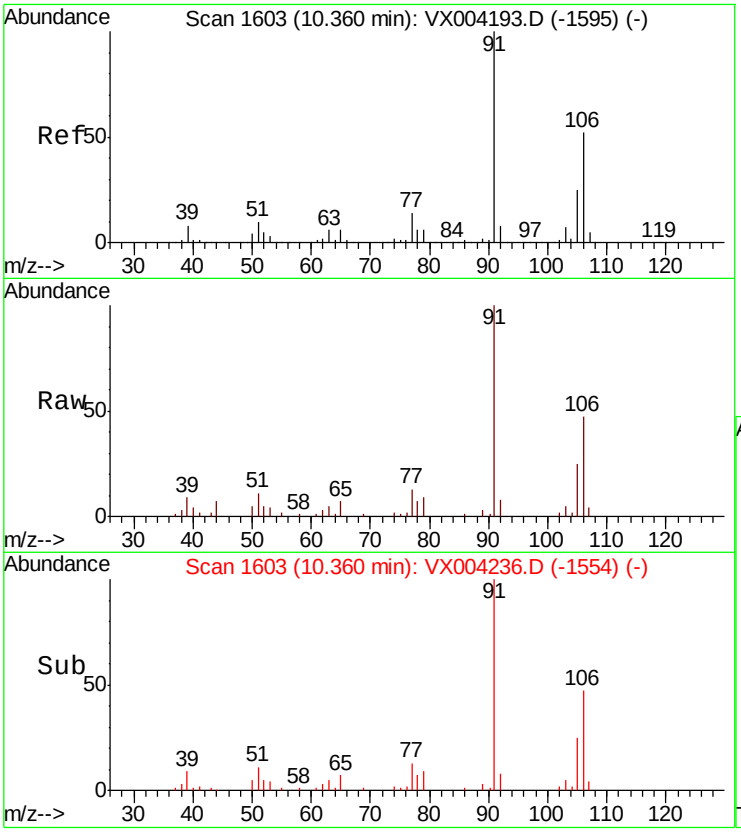


#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 91 Resp: 3809

Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.9	38.9



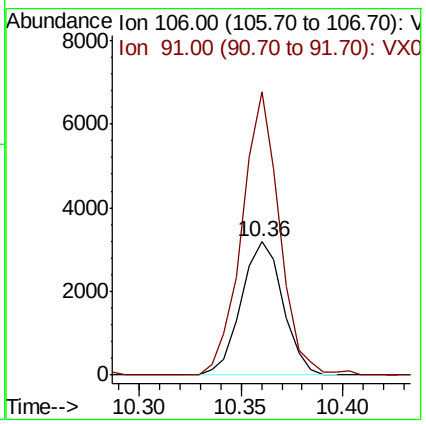


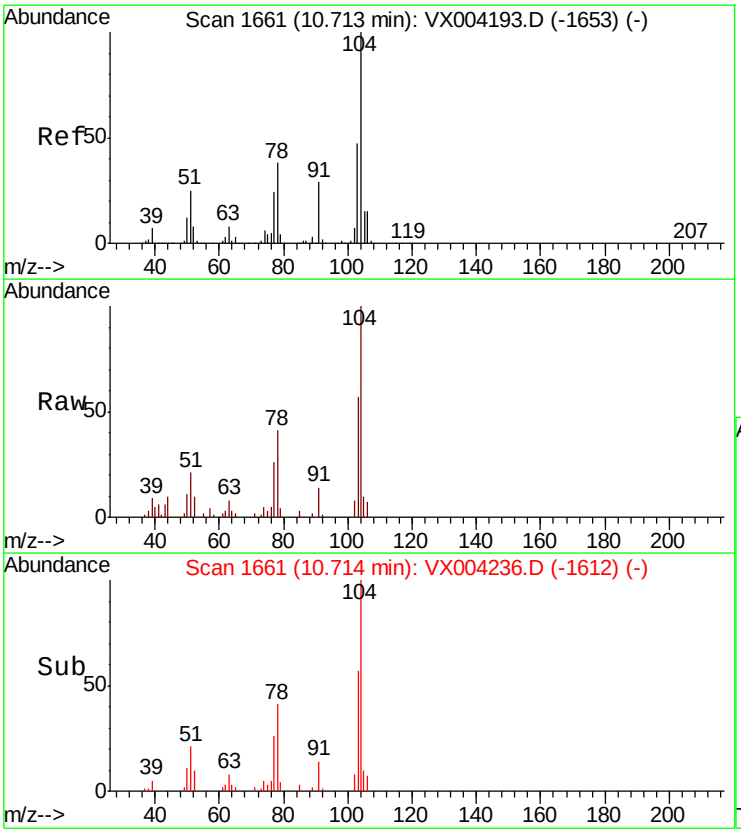
#68
m/p-Xylenes
Concen: 0.65 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion:106 Resp: 4522

Ion	Ratio	Lower	Upper
106	100		
91	192.3	157.1	235.7

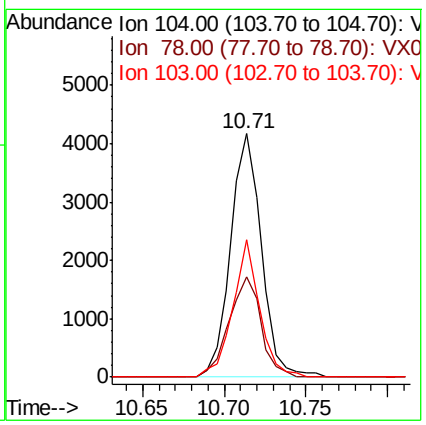


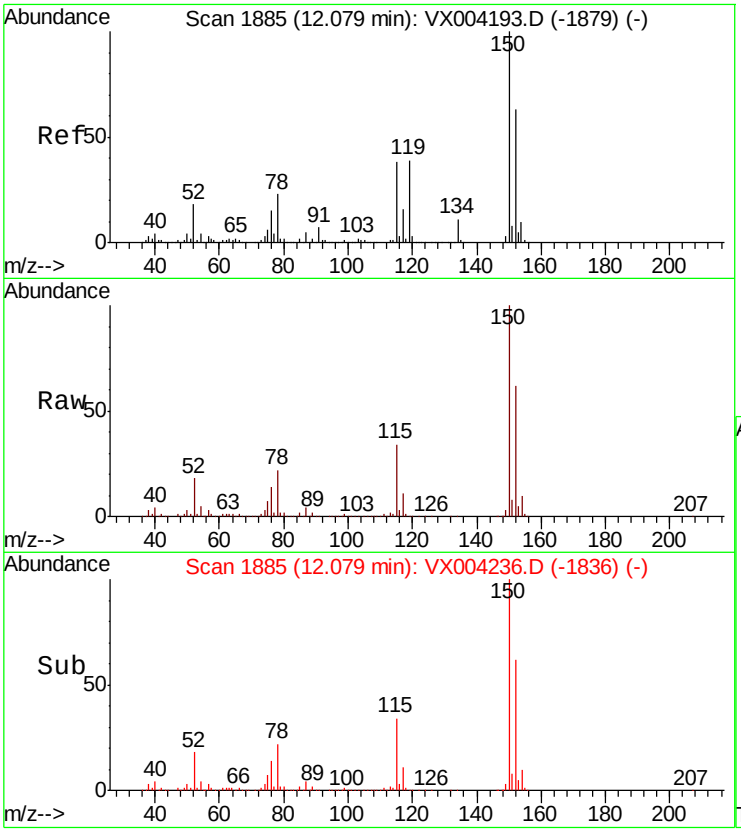


#70
Styrene
Concen: 0.51 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion:104 Resp: 5485

Ion	Ratio	Lower	Upper
104	100		
78	42.6	37.4	56.0
103	49.0	43.8	65.6



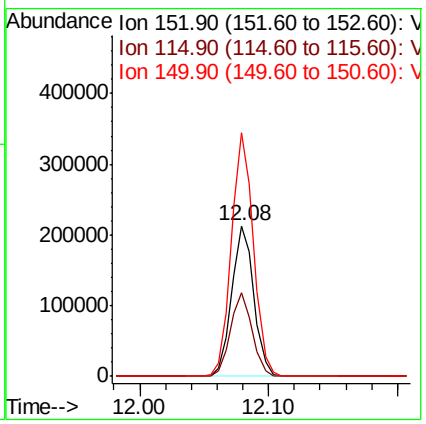


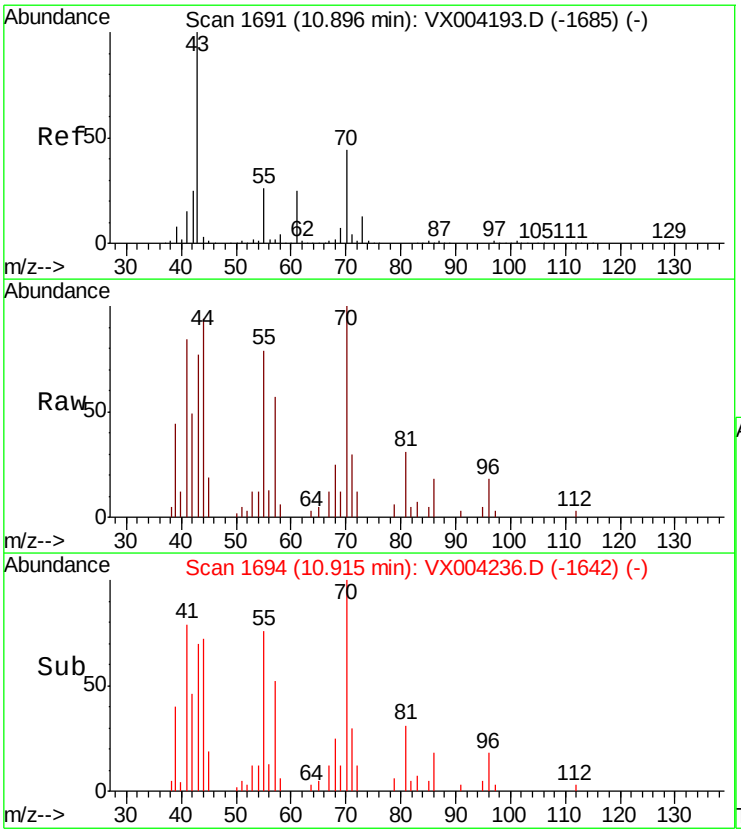
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion:152 Resp: 256631

Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.0	117.0
150	160.7	0.0	351.0

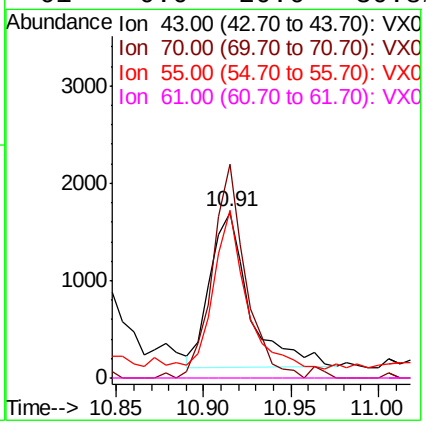


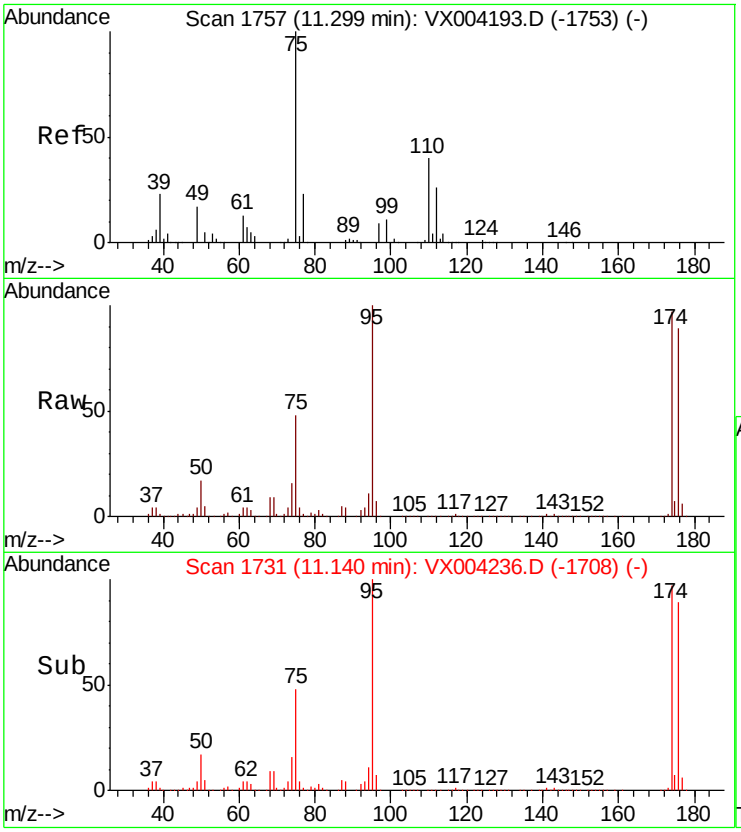


#74
N-amyl acetate
Concen: 0.39 ug/l
RT: 10.91 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 43 Resp: 2514

Ion	Ratio	Lower	Upper
43	100		
70	114.7	37.4	56.0#
55	88.3	21.8	32.8#
61	0.0	20.6	30.8#



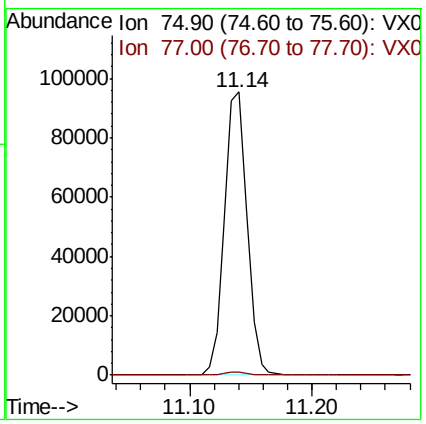


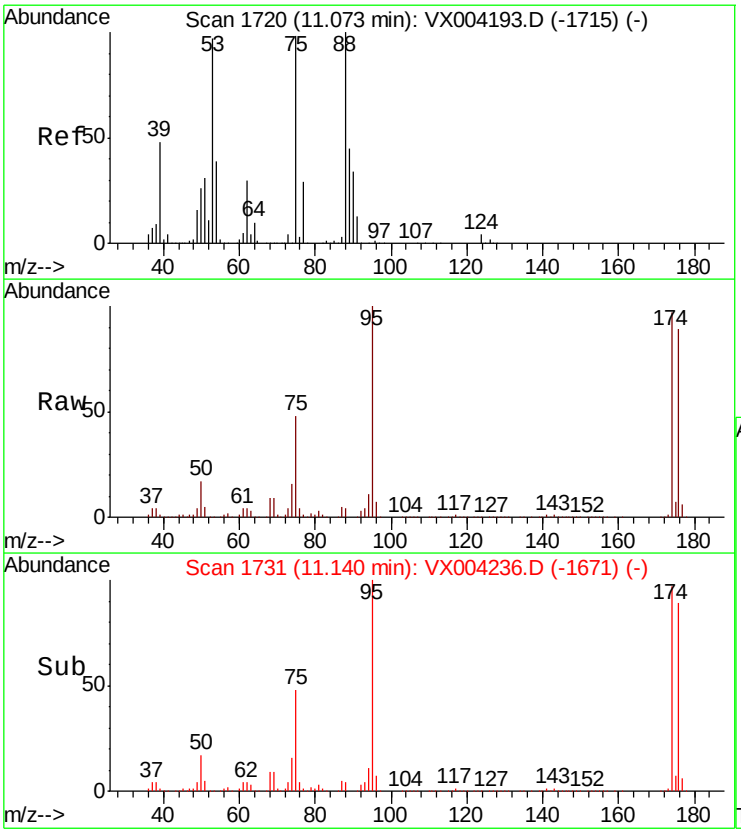
#76
1,2,3-Trichloropropane
Concen: 23.37 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL

Tgt Ion: 75 Resp: 121983

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

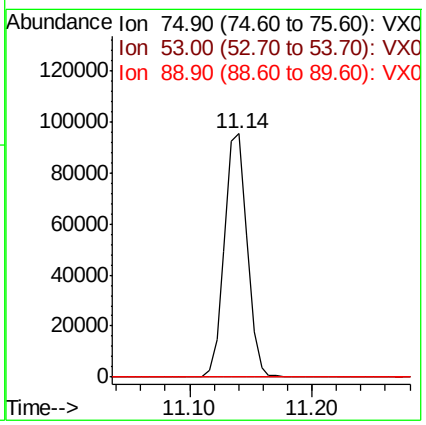


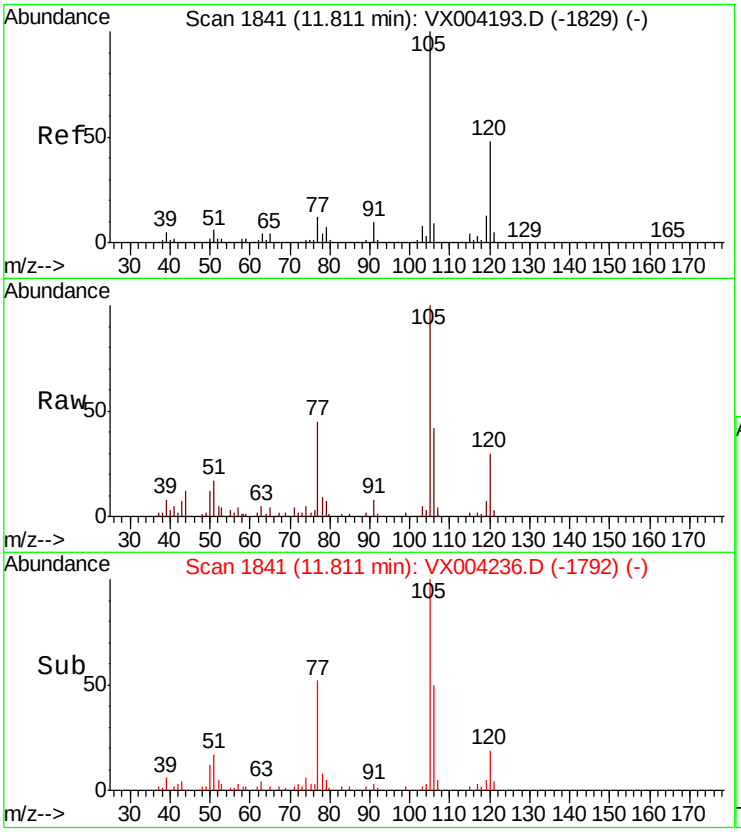


#81
trans-1,4-Dichloro-2-butene
Concen: 75.83 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion: 75 Resp: 121983

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#





#84
1,2,4-Trimethylbenzene
Concen: 0.51 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX004236.D
Acq: 23 Aug 2018 19:27

Tgt Ion:105 Resp: 7292

Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.2	69.6

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL