Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081518\
Data File : VX004103.D
Acq On : 16 Aug 2018 05:47
Operator : JC/MD
Sample : J4495-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS050MW636-180814

Quant Time: Aug 16 07:19:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	256495	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	402781	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	382705	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213493	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	194099	53.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.42%				
35) Dibromofluoromethane	5.51	113	158510	52.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.16%				
50) Toluene-d8	8.72	98	577833	47.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.56%				
62) 4-Bromofluorobenzene	11.14	95	198470	44.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.54%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	88009	26.55	ug/l		98
5) Bromomethane	1.65	94	820	0.31	ug/l	#	62
6) Chloroethane	1.73	64	2160	Below Cal			98
10) Methyl Iodide	2.52	142	533	5.16	ug/l	#	86
11) Tert butyl alcohol	3.04	59	495	0.68	ug/l	#	83
12) 1,1-Dichloroethene	2.38	96	563	0.21	ug/l		93
13) Acrolein	2.29	56	120	11.18	ug/l		95
16) Acetone	2.44	43	4154	2.21	ug/l		96
20) Methylene Chloride	2.85	84	373	Below Cal		#	78
21) trans-1,2-Dichloroethene	3.17	96	971	0.32	ug/l		82
27) cis-1,2-Dichloroethene	4.60	96	10184	2.96	ug/l		98
29) Tetrahydrofuran	5.15	42	706	0.45	ug/l	#	51
36) 1,1-Dichloropropene	5.67	75	17749	3.87	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	23578	5.29	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.71	43	2362	0.39	ug/l	#	1
52) Toluene	8.79	92	4803	0.55	ug/l		95
65) Chlorobenzene	10.14	112	4552	0.46	ug/l	#	82
76) 1,2,3-Trichloropropane	11.14	75	97392	22.75	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	97392	70.42	ug/l	#	10
95) Naphthalene	13.84	128	346	1.17	ug/l	#	69

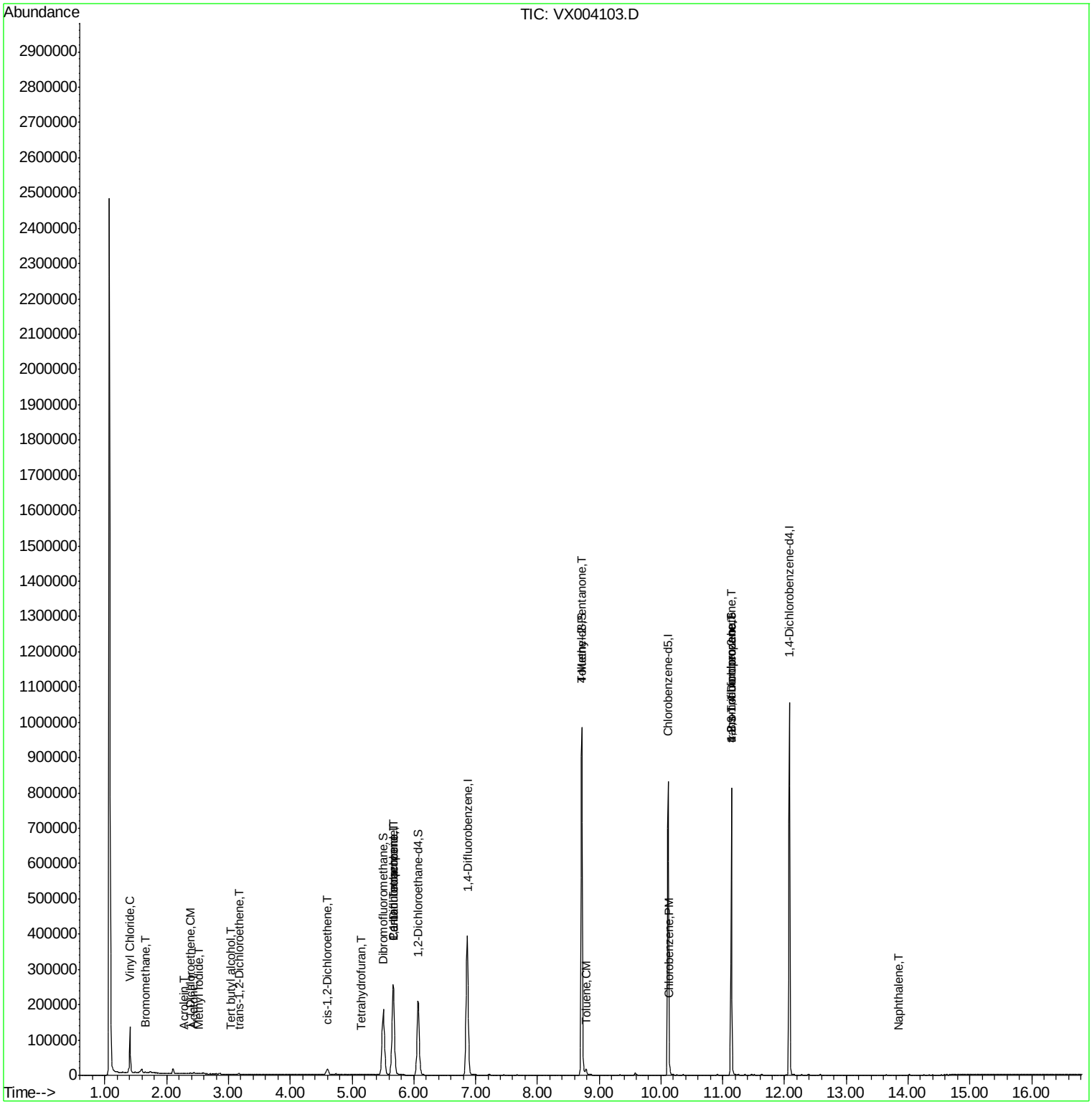
(#) = qualifier out of range (m) = manual integration (+) = signals summed

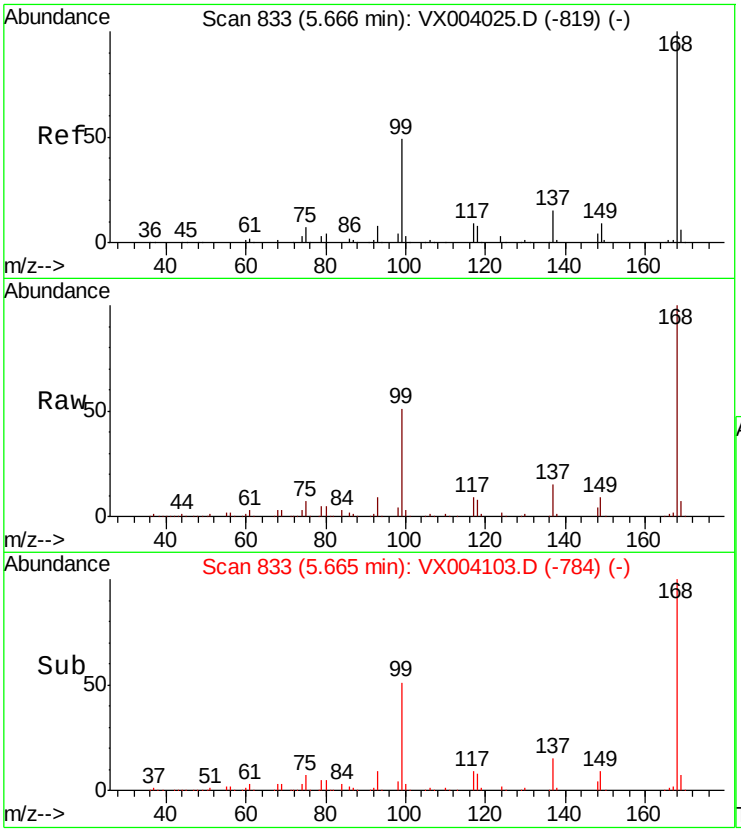
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004103.D
Acq On : 16 Aug 2018 05:47
Operator : JC/MD
Sample : J4495-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Quant Time: Aug 16 07:19:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration



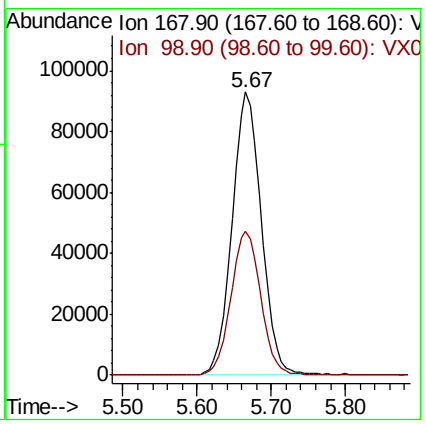


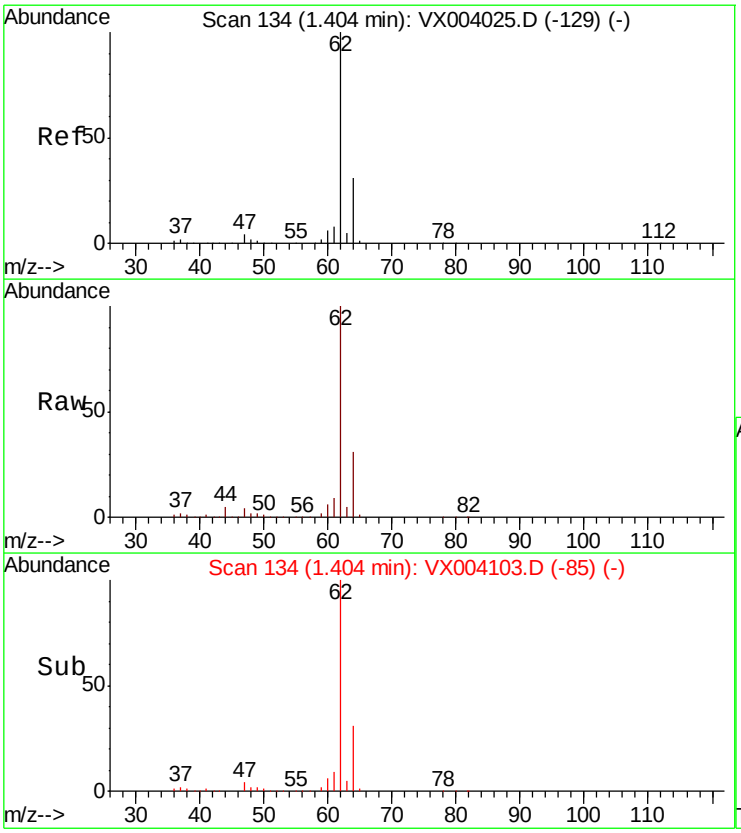
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion:168 Resp: 256495

Ion	Ratio	Lower	Upper
168	100		
99	50.6	40.1	60.1

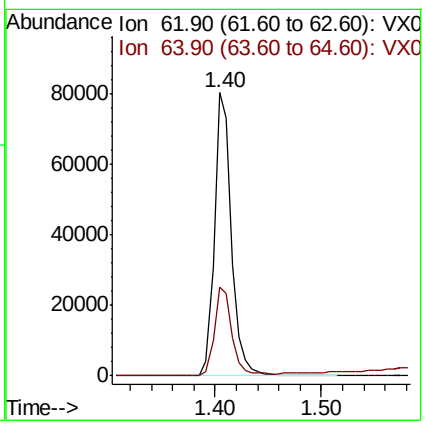


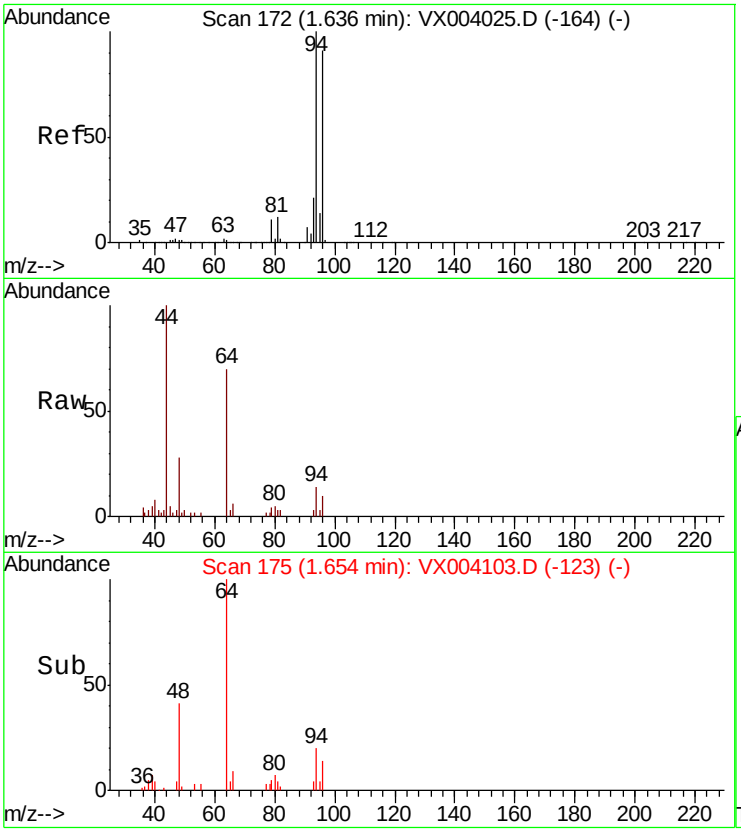


#4
Vinyl Chloride
Concen: 26.55 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 62 Resp: 88009

Ion	Ratio	Lower	Upper
62	100		
64	31.2	26.0	39.0



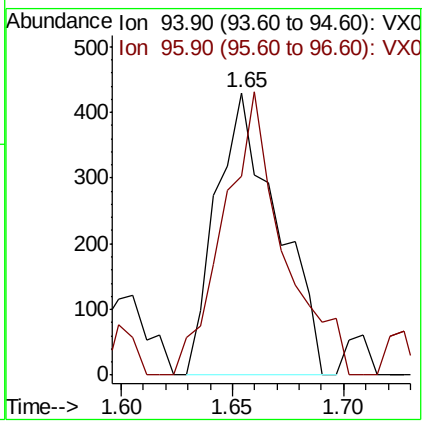


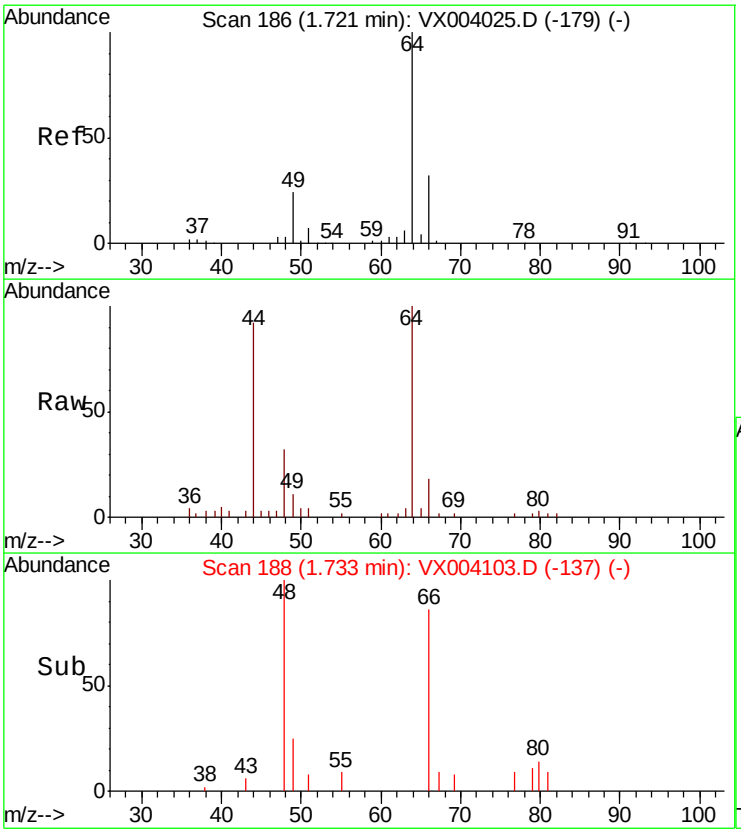
#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 94 Resp: 820

Ion	Ratio	Lower	Upper
94	100		
96	57.0	75.2	112.8#

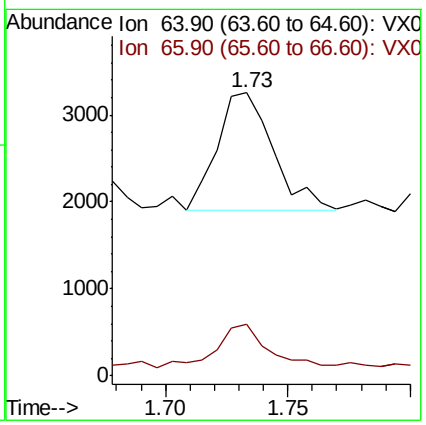


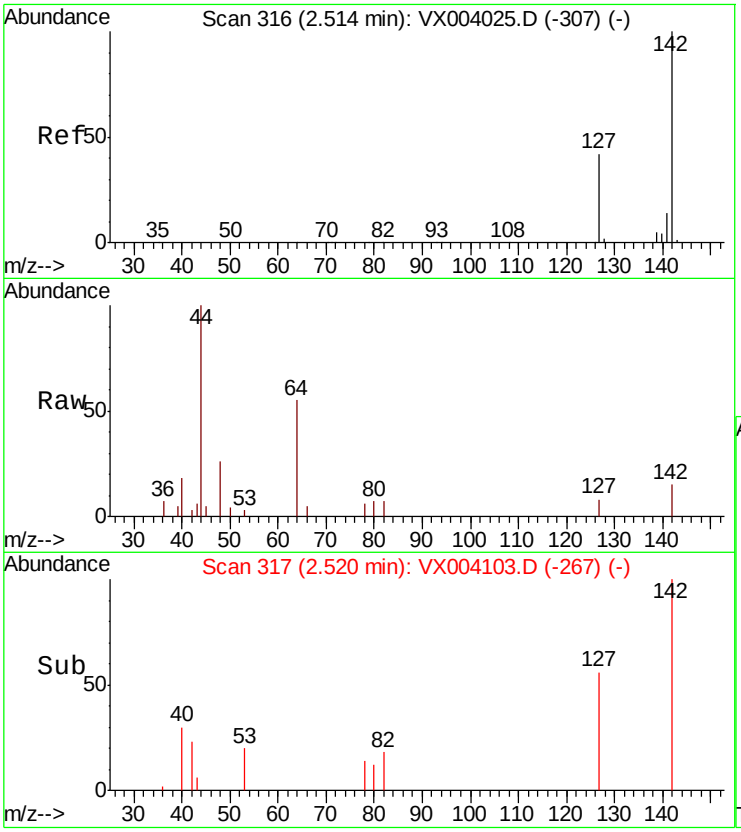


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 64 Resp: 2160

Ion	Ratio	Lower	Upper
64	100		
66	34.5	26.5	39.7



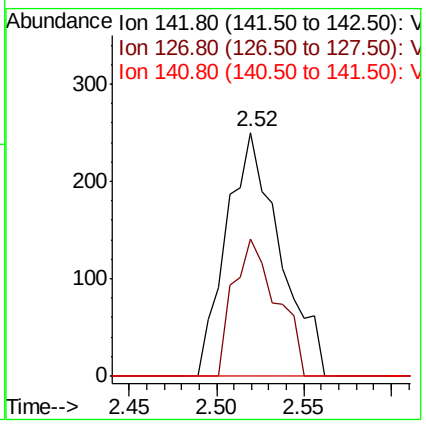


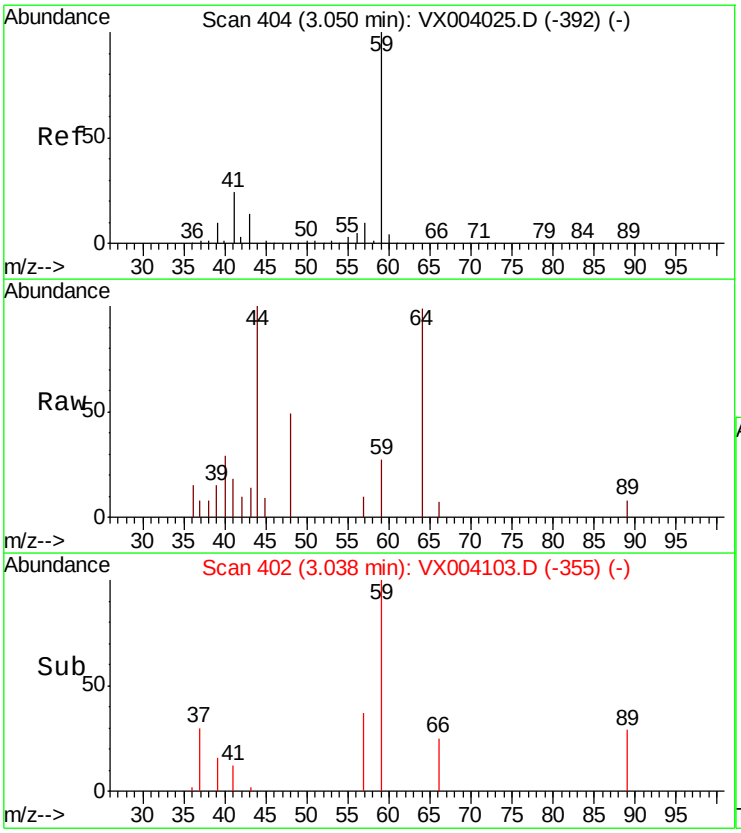
#10
Methyl Iodide
Concen: 5.16 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion:142 Resp: 533

Ion	Ratio	Lower	Upper
142	100		
127	45.6	33.1	49.7
141	0.0	11.1	16.7#

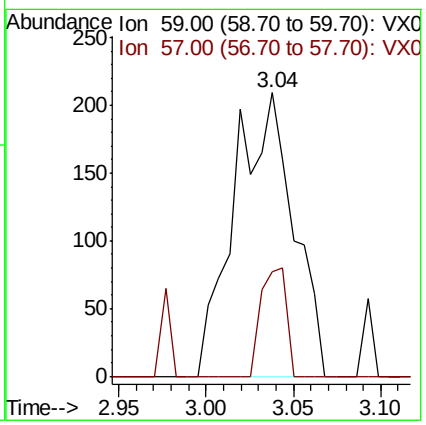


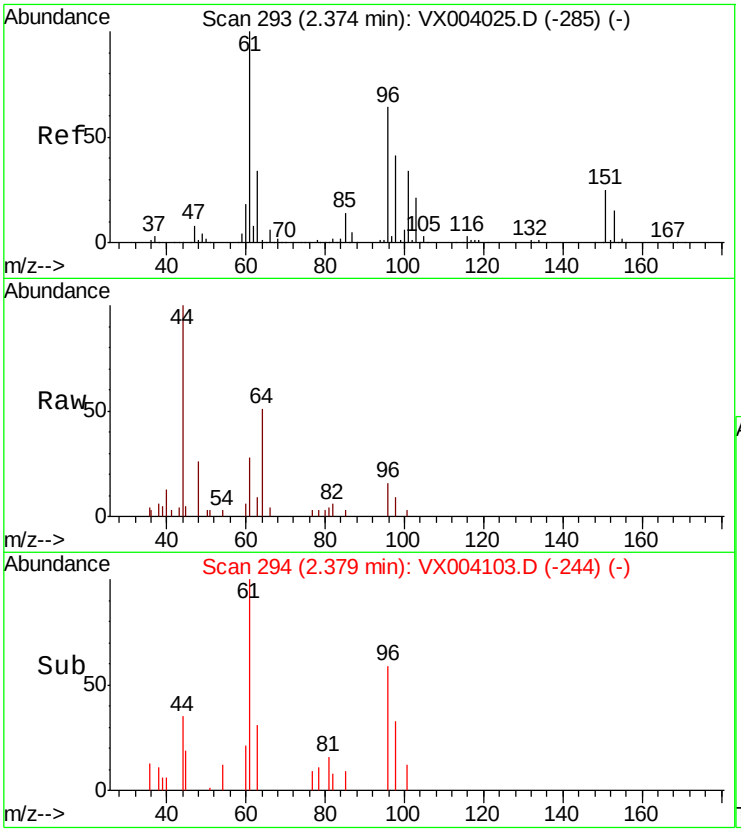


#11
Tert butyl alcohol
Concen: 0.68 ug/l
RT: 3.04 min Scan# 402
Delta R.T. -0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 59 Resp: 495

Ion	Ratio	Lower	Upper
59	100		
57	16.4	8.1	12.1#



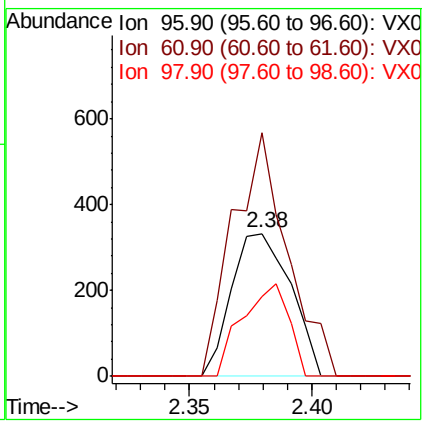


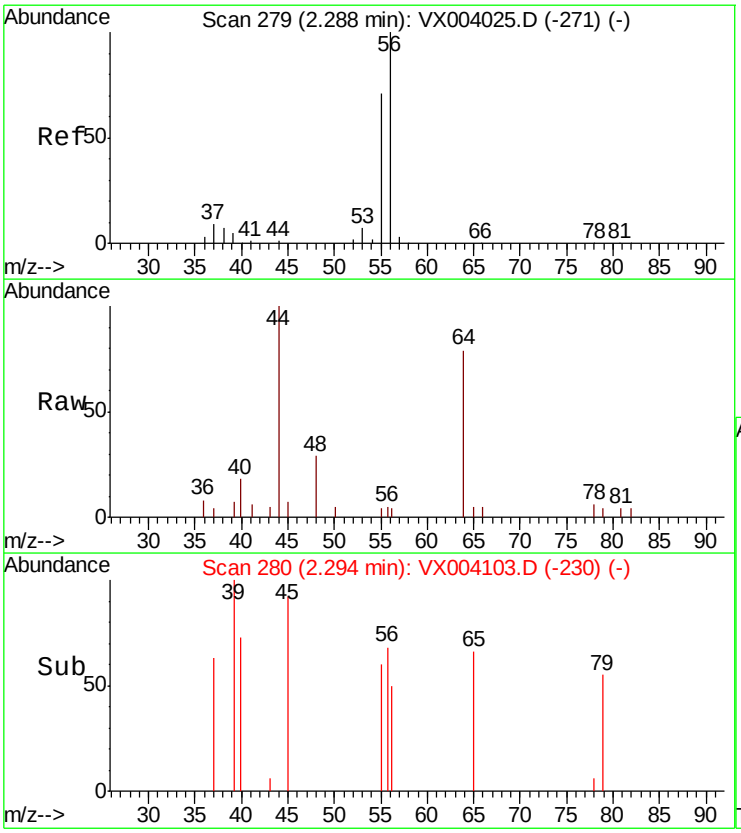
#12
1,1-Dichloroethene
Concen: 0.21 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument : MSVOA_X
ClientSampleId : SS050MW636-180814

Tgt Ion: 96 Resp: 563

Ion	Ratio	Lower	Upper
96	100		
61	170.8	131.3	196.9
98	55.7	51.8	77.6

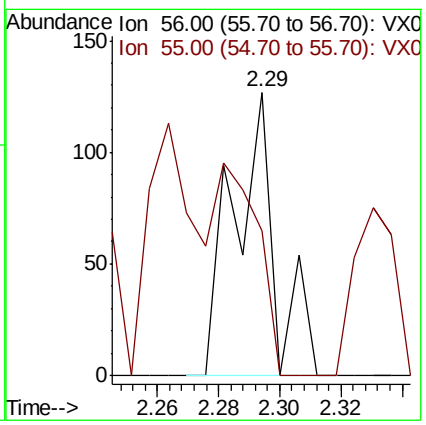


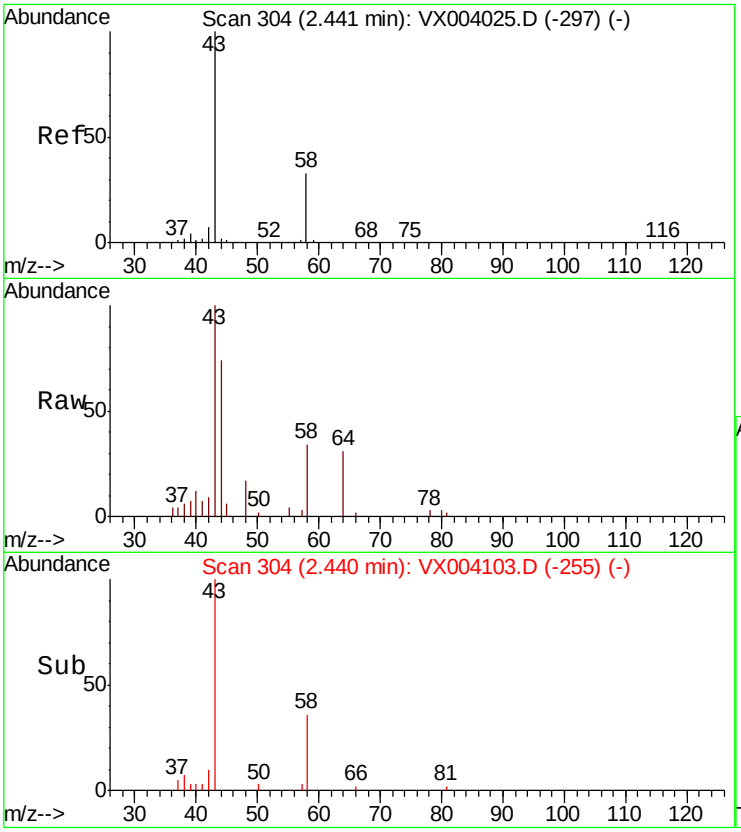


#13
Acrolein
Concen: 11.18 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 56 Resp: 120

Ion	Ratio	Lower	Upper
56	100		
55	74.2	56.1	84.1



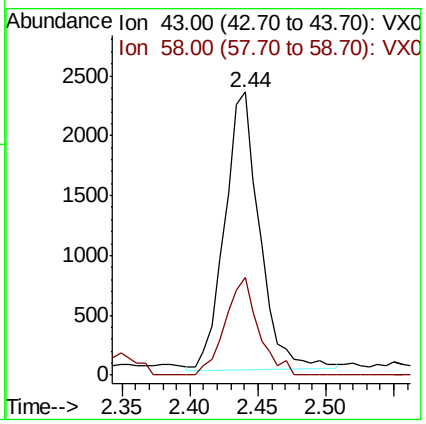


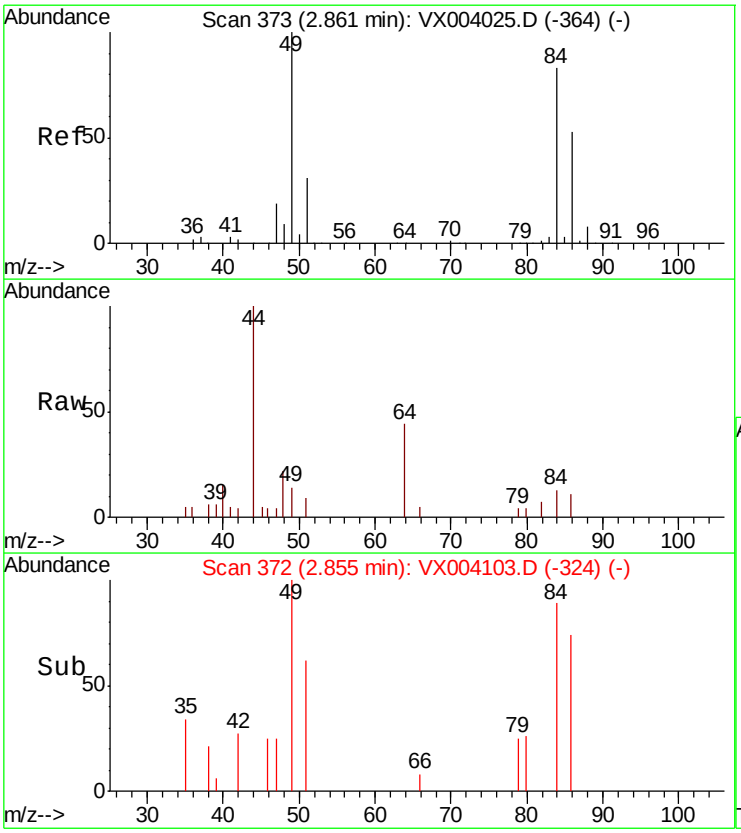
#16
Acetone
Concen: 2.21 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 43 Resp: 4154

Ion	Ratio	Lower	Upper
43	100		
58	35.4	26.4	39.6

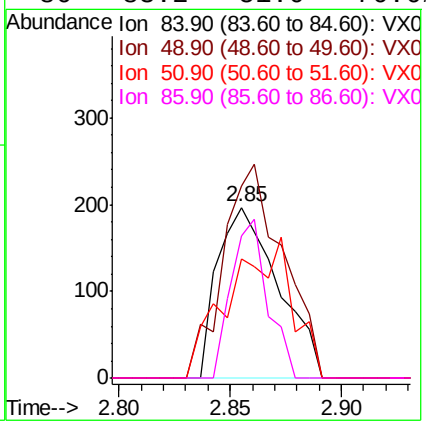


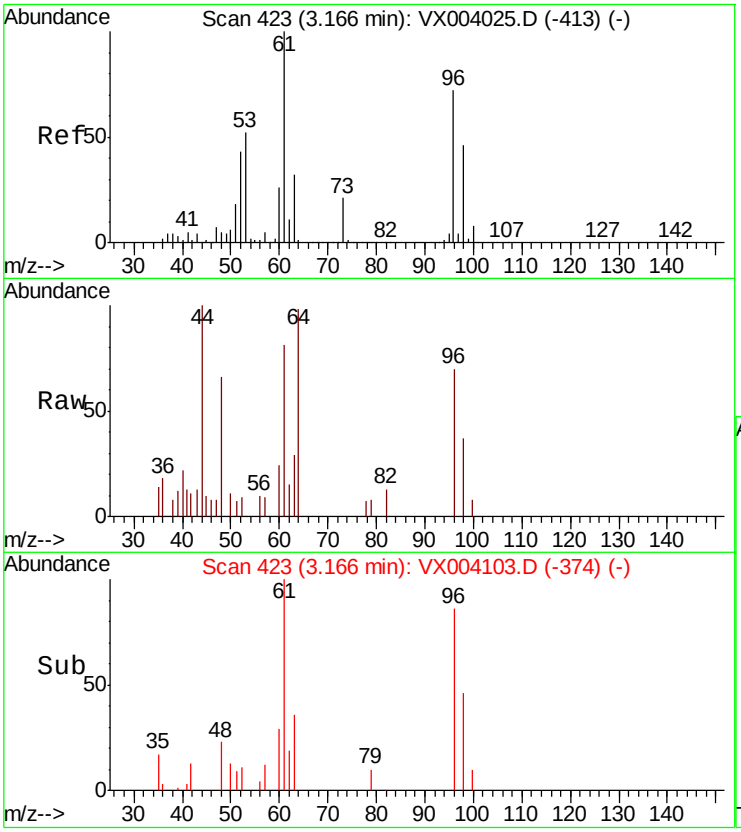


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 84 Resp: 373

Ion	Ratio	Lower	Upper
84	100		
49	112.2	98.9	148.3
51	69.5	29.9	44.9#
86	83.2	51.0	76.6#



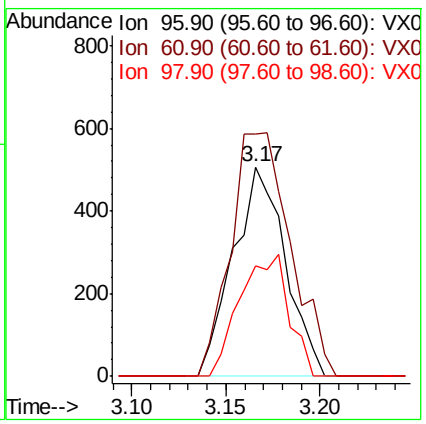


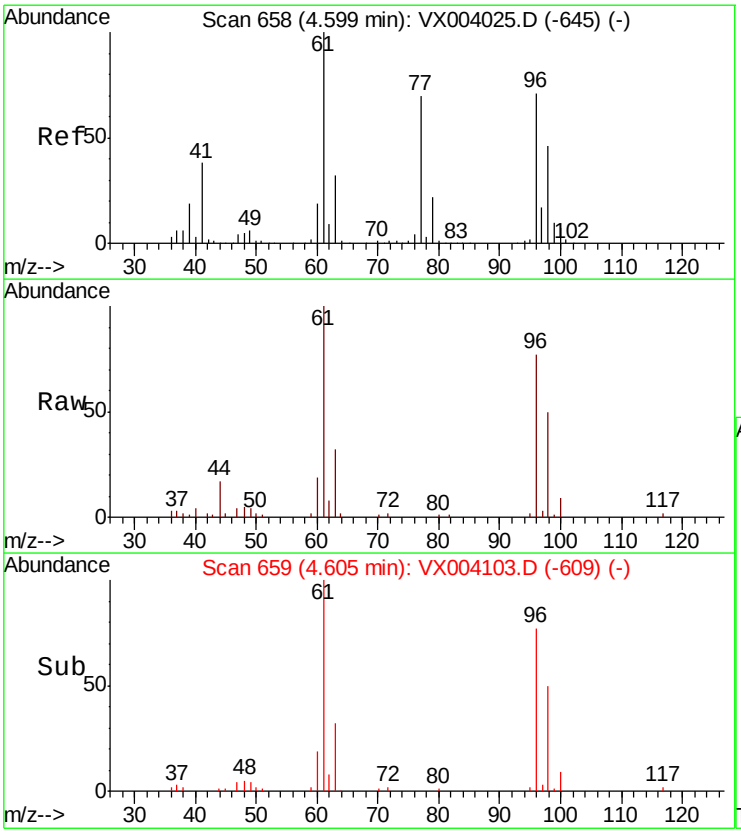
#21
trans-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 96 Resp: 971

Ion	Ratio	Lower	Upper
96	100		
61	116.2	111.8	167.6
98	53.0	51.8	77.6

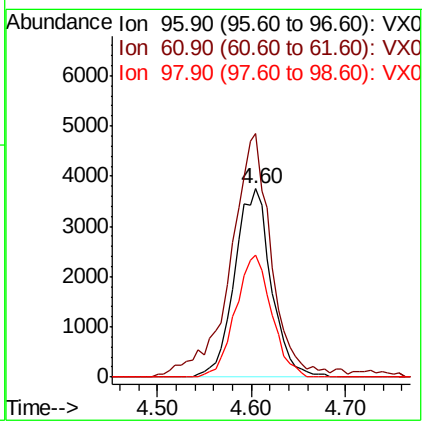


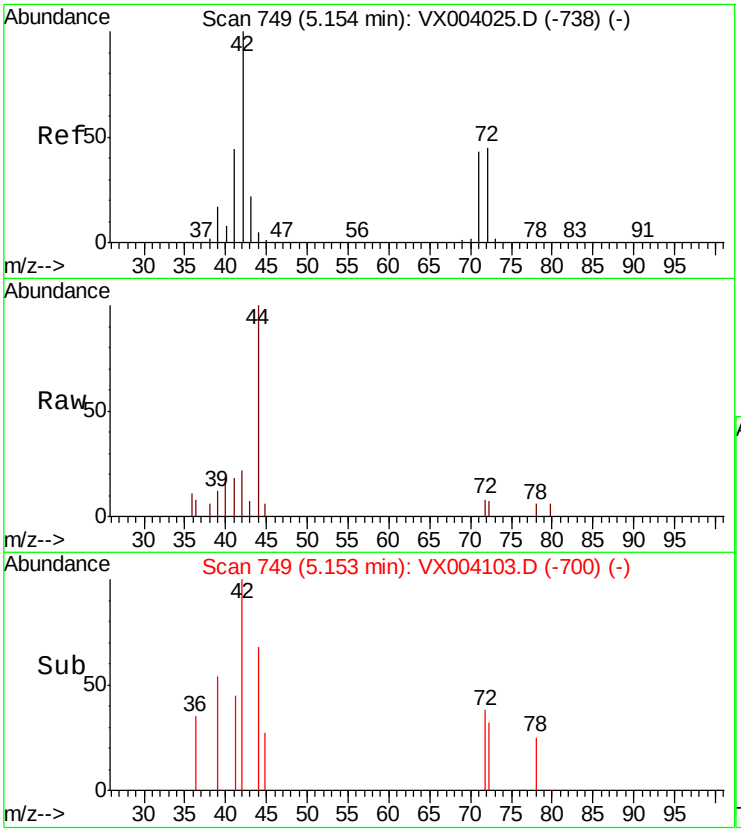


#27
cis-1,2-Dichloroethene
Concen: 2.96 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 96 Resp: 10184

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	293.0
98	63.6	0.0	131.8



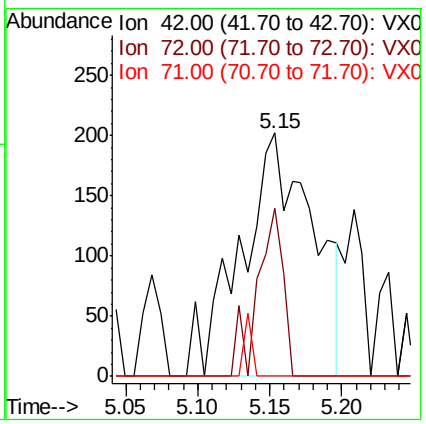


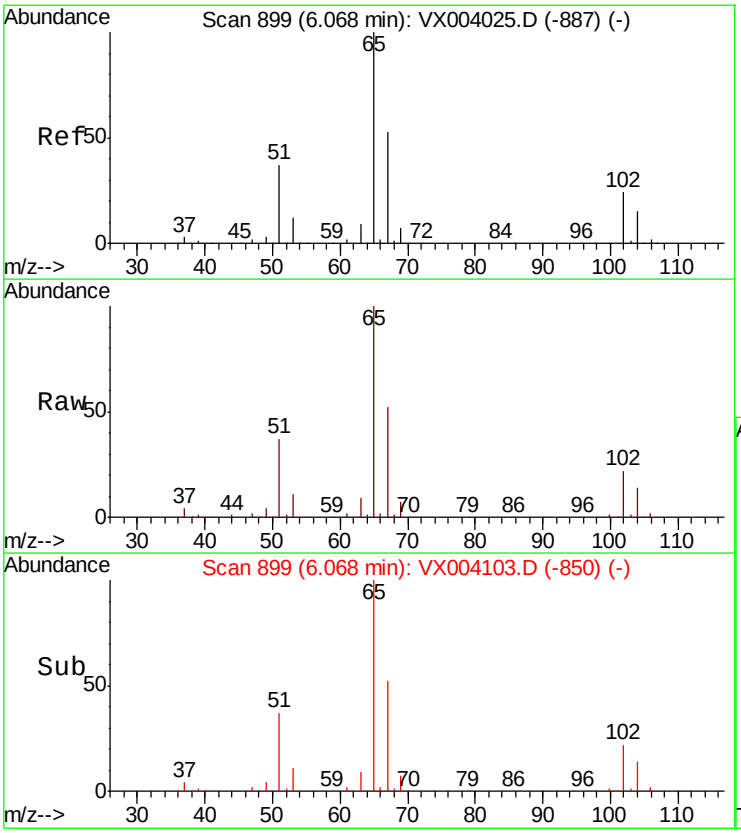
#29
Tetrahydrofuran
Concen: 0.45 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 42 Resp: 706

Ion	Ratio	Lower	Upper
42	100		
72	24.1	37.7	56.5#
71	2.7	35.0	52.6#

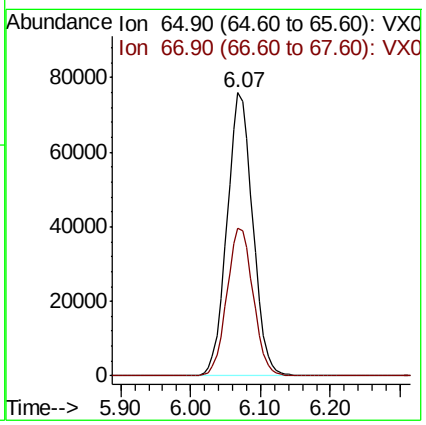


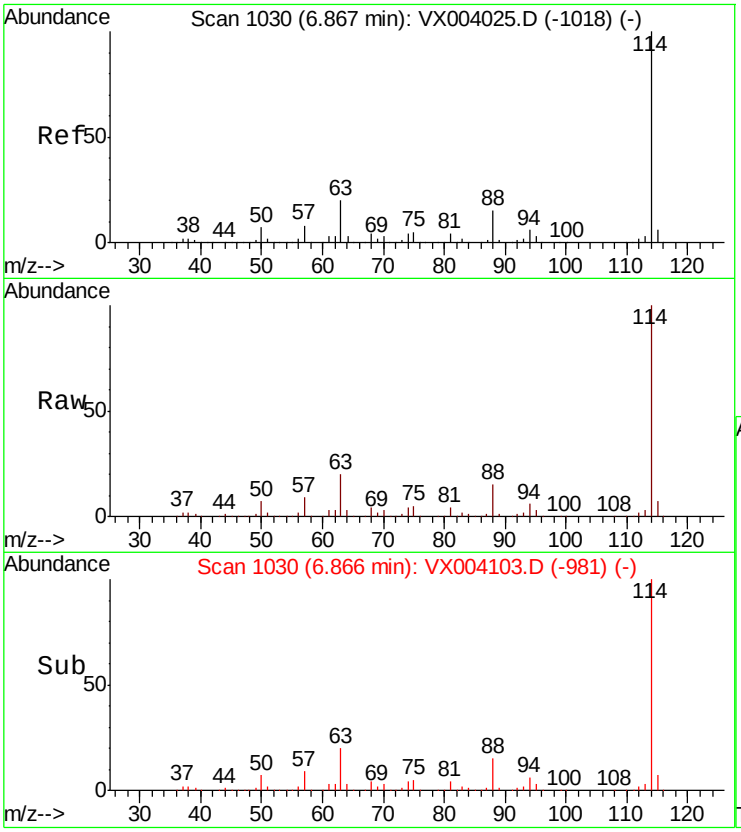


#33
1,2-Dichloroethane-d4
Concen: 53.71 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 65 Resp: 194099

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8



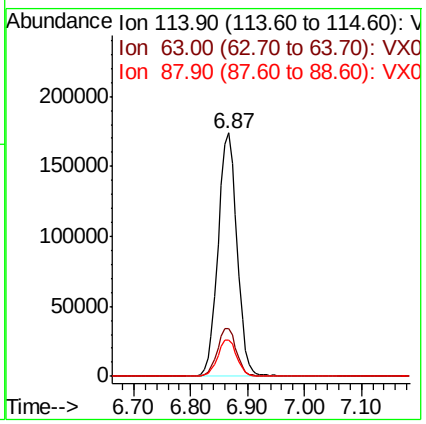


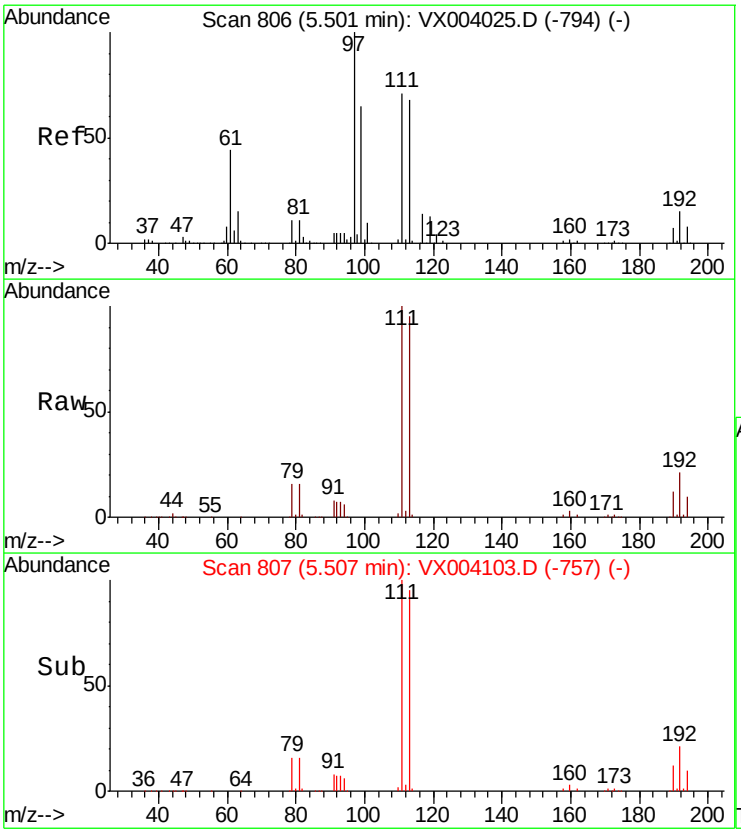
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion:114 Resp: 402781

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.0	0.0	32.0

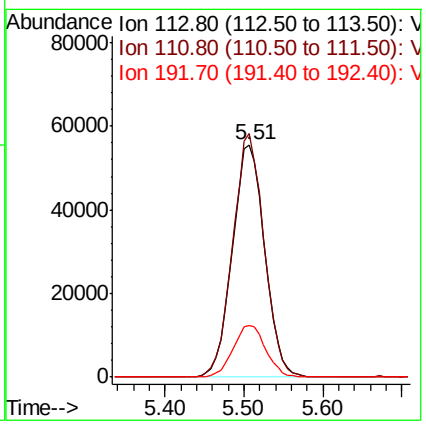


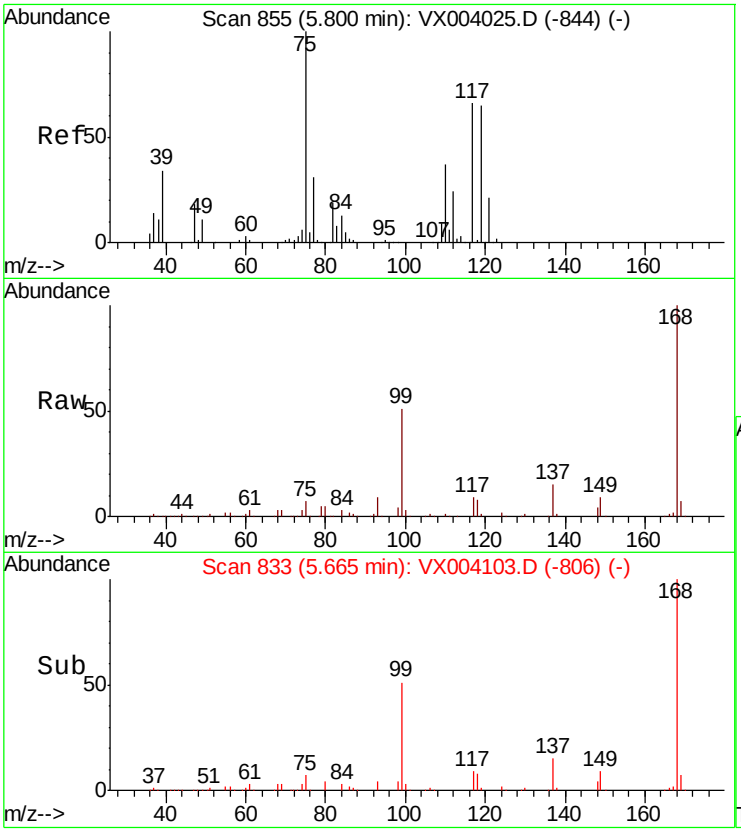


#35
Dibromofluoromethane
Concen: 52.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion:113 Resp: 158510

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	22.5	19.0	28.4



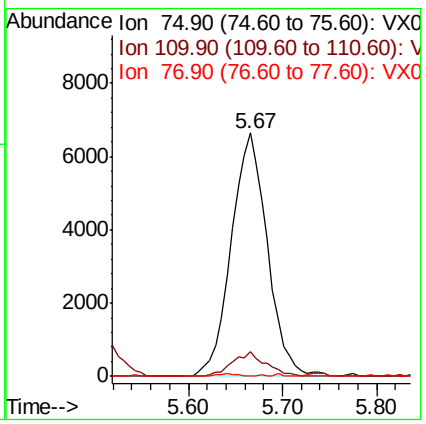


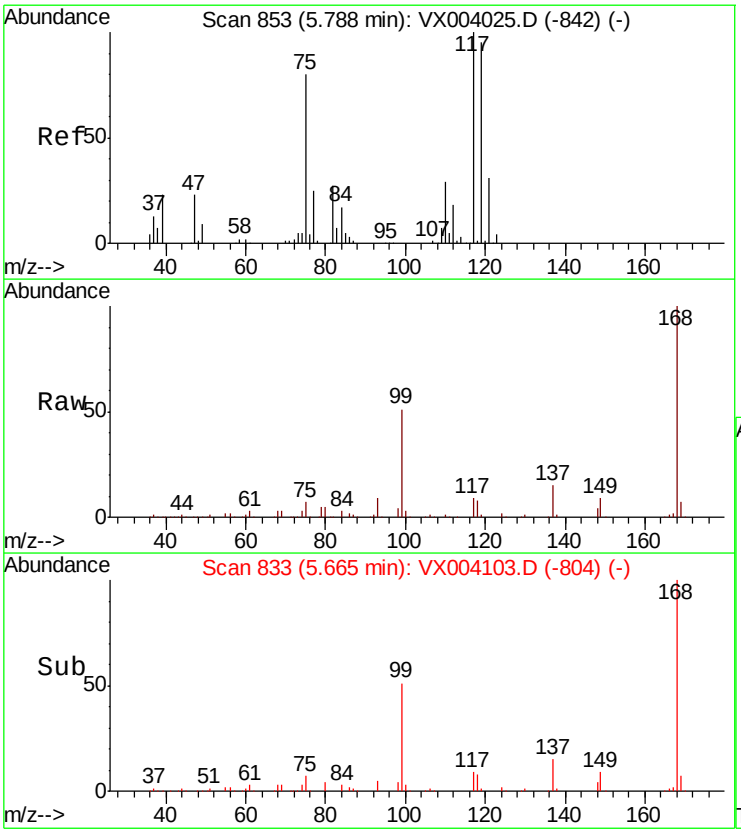
#36
1,1-Dichloropropene
Concen: 3.87 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 75 Resp: 17749

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.2	54.6#
77	0.1	25.0	37.4#

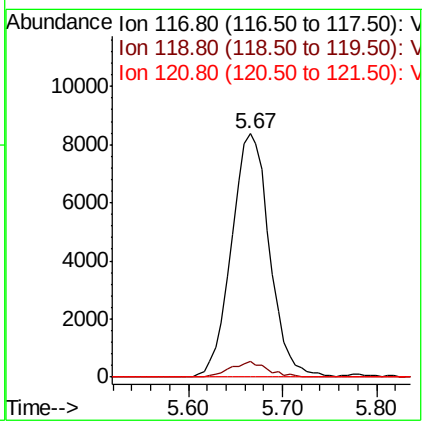


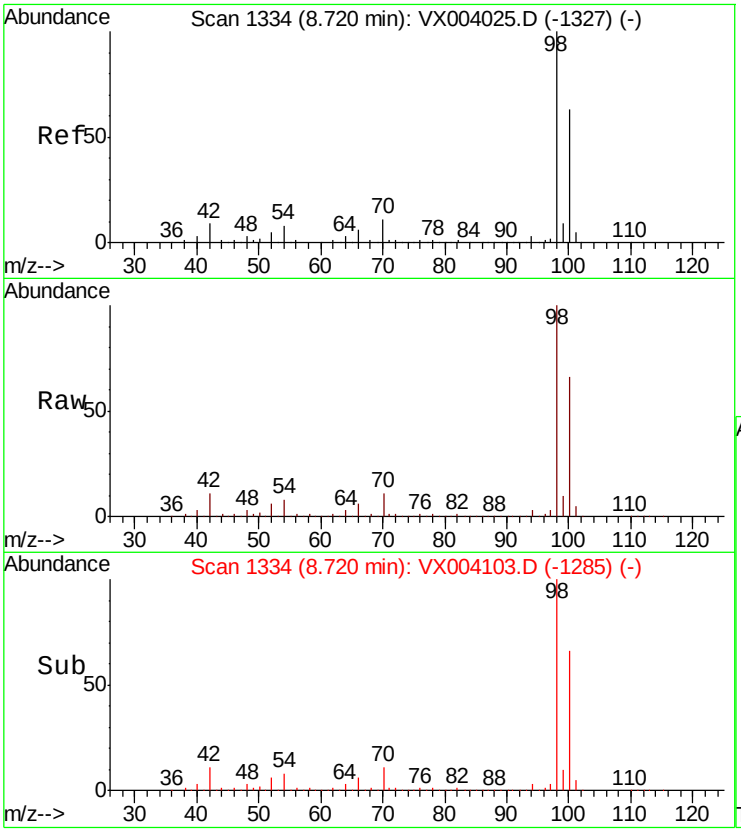


#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion:117 Resp: 23578

Ion	Ratio	Lower	Upper
117	100		
119	6.5	79.5	119.3#
121	0.0	25.0	37.4#



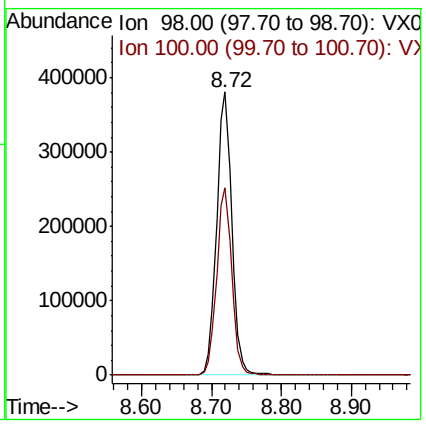


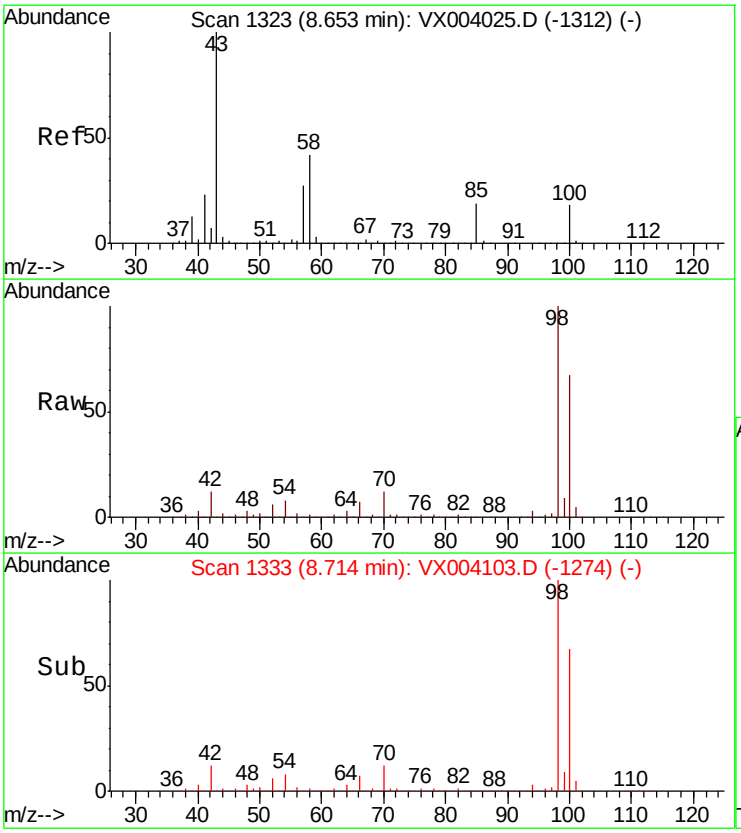
#50
Toluene-d8
Concen: 47.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 98 Resp: 577833

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.3	79.9

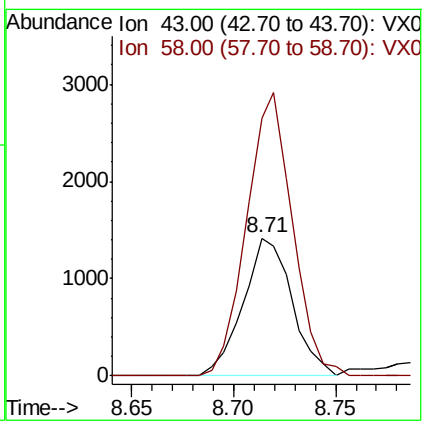


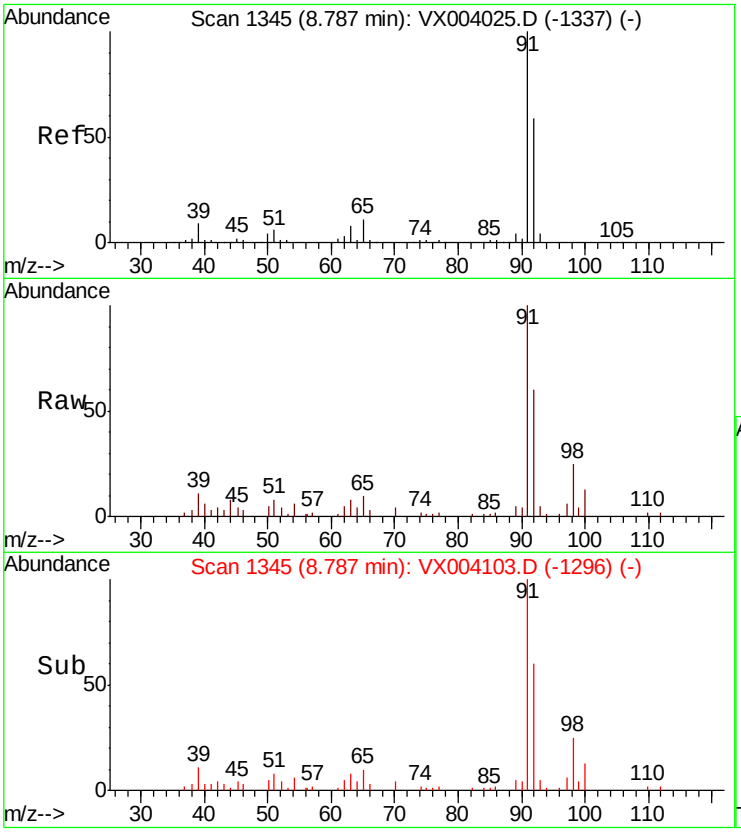


#51
4-Methyl-2-Pentanone
Concen: 0.39 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.06 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 43 Resp: 2362

Ion	Ratio	Lower	Upper
43	100		
58	192.1	33.0	49.6#



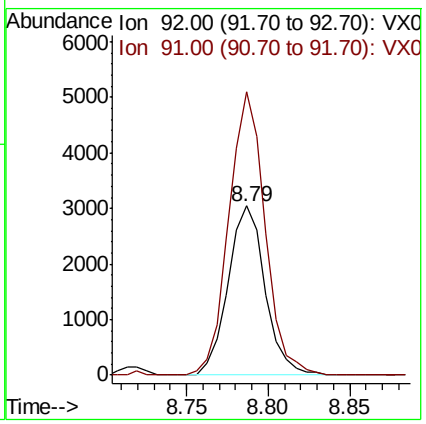


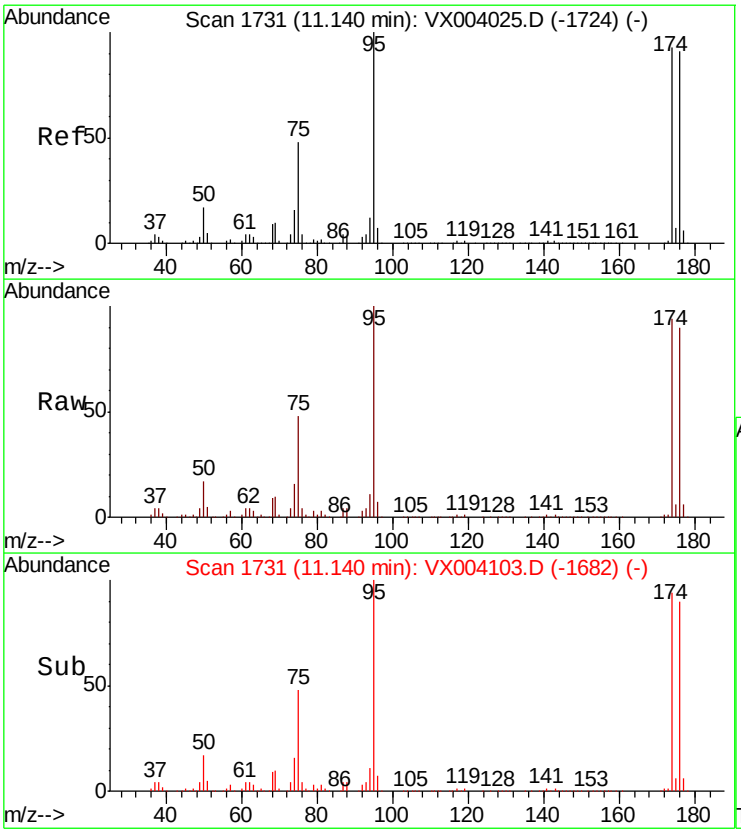
#52
Toluene
Concen: 0.55 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 92 Resp: 4803

Ion	Ratio	Lower	Upper
92	100		
91	163.6	136.1	204.1

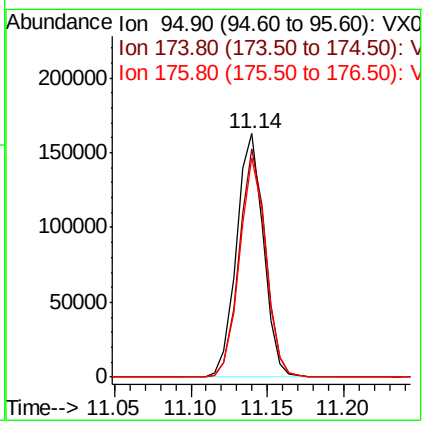


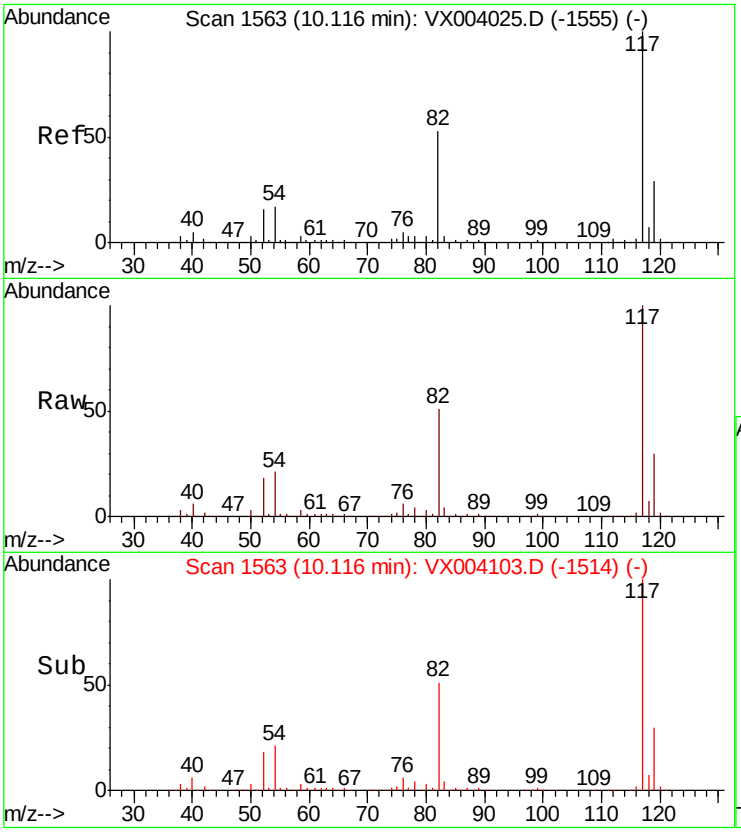


#62
4-Bromofluorobenzene
Concen: 44.77 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 95 Resp: 198470

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	182.8
176	88.7	0.0	179.0



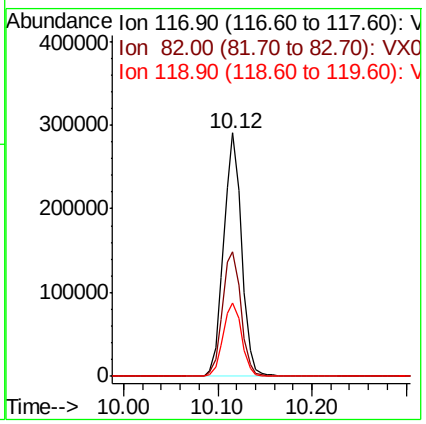


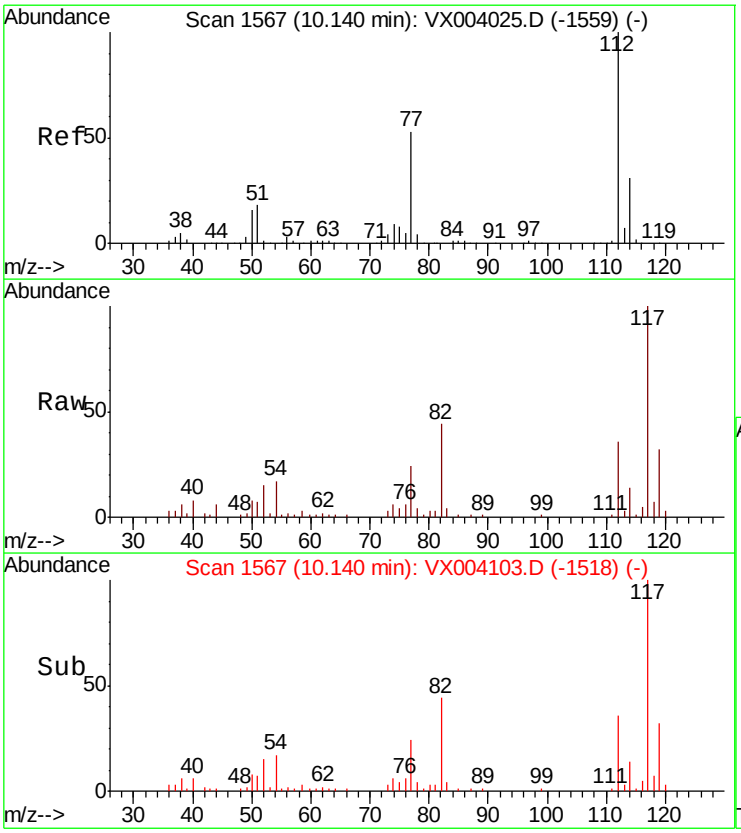
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion:117 Resp: 382705

Ion	Ratio	Lower	Upper
117	100		
82	51.0	45.4	68.0
119	30.3	26.6	40.0

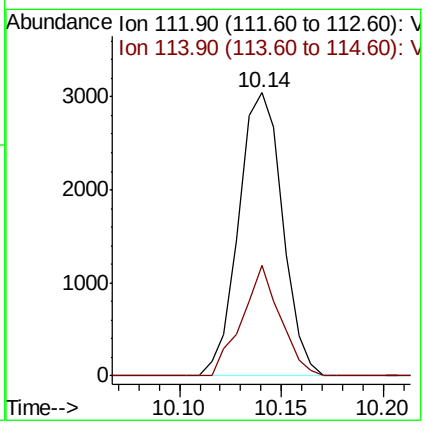


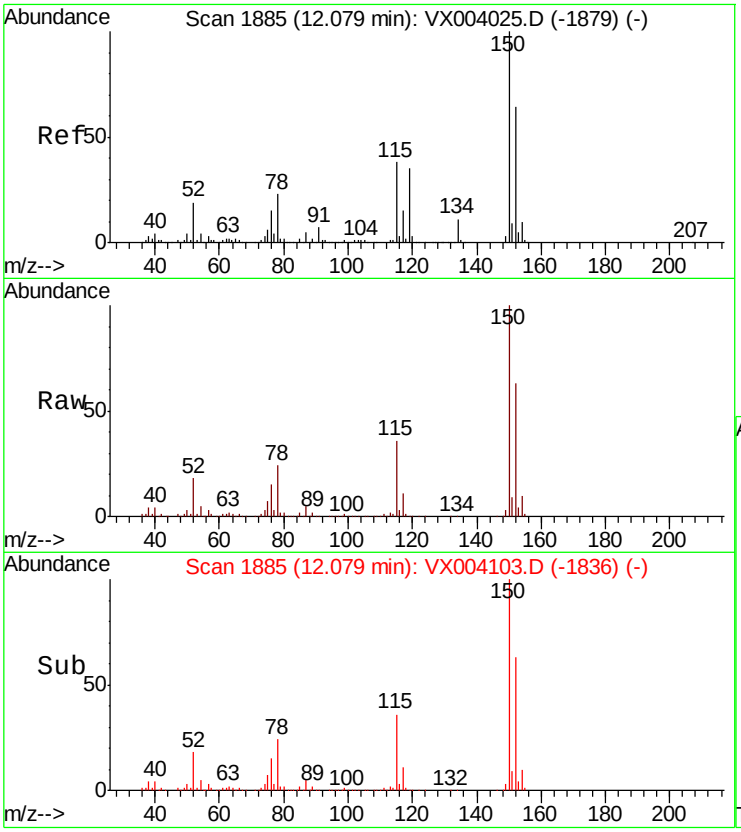


#65
Chlorobenzene
Concen: 0.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion:112 Resp: 4552

Ion	Ratio	Lower	Upper
112	100		
114	39.0	23.6	35.4#



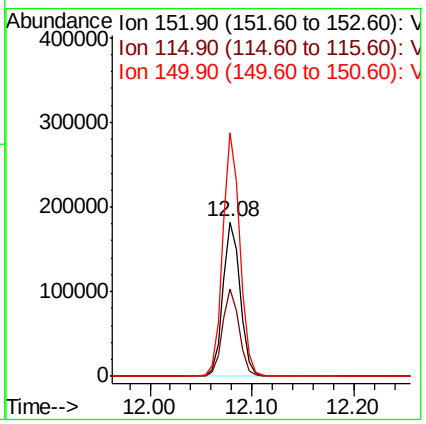


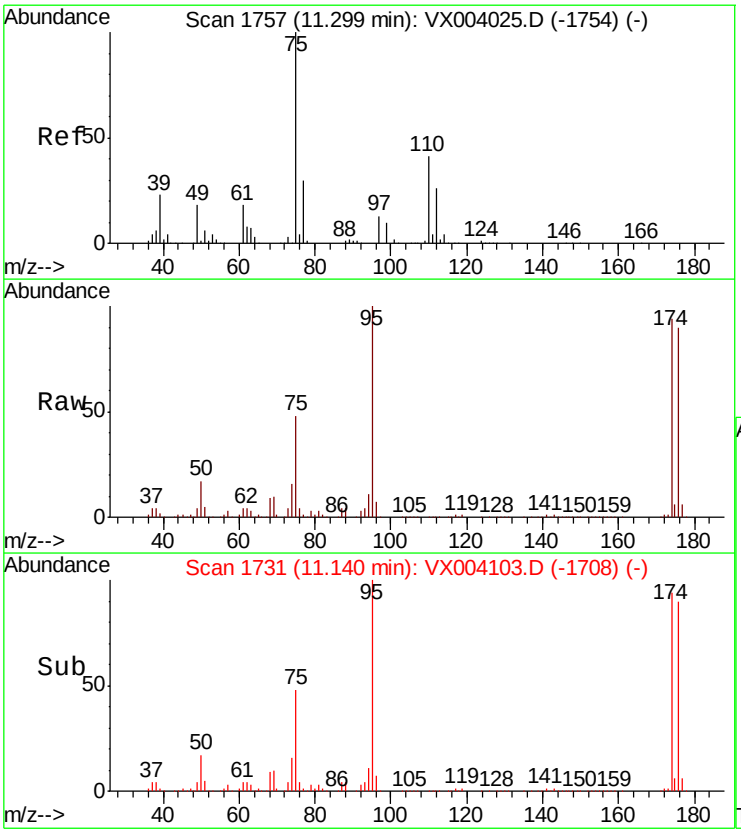
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion:152 Resp: 213493

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.3
150	156.2	0.0	349.2

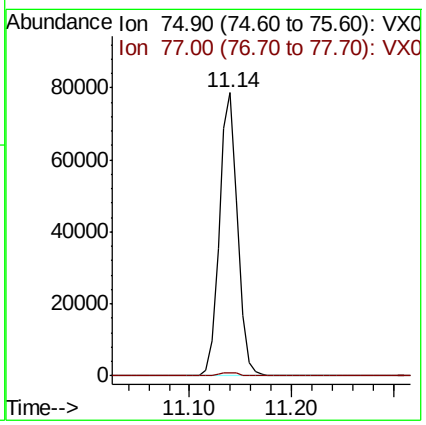


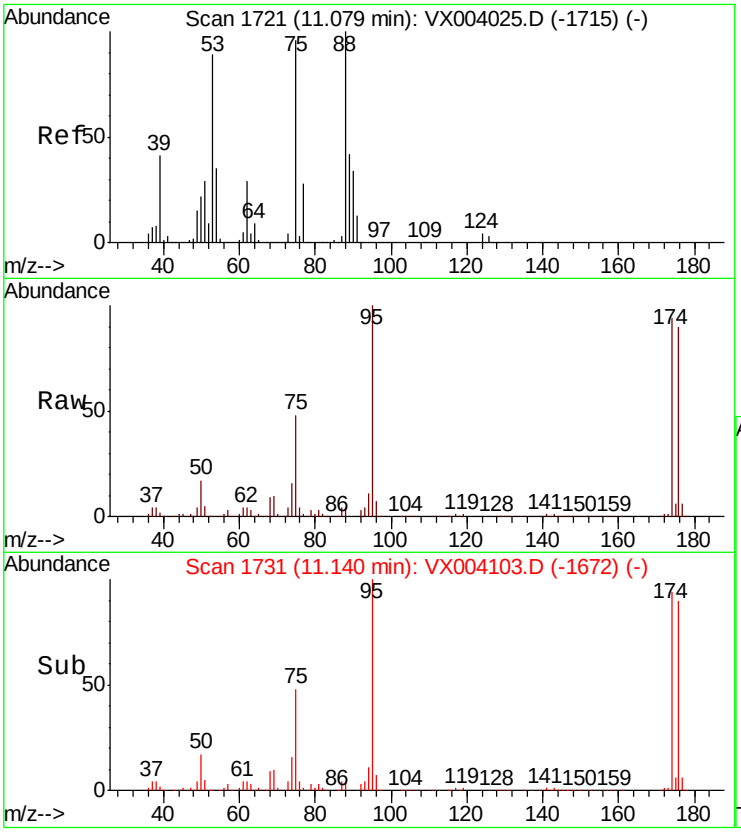


#76
1,2,3-Trichloropropane
Concen: 22.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion: 75 Resp: 97392

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.8	62.5#



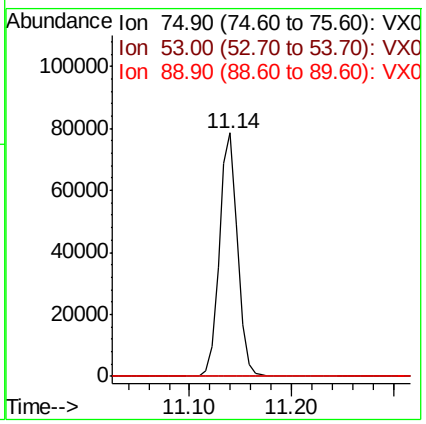


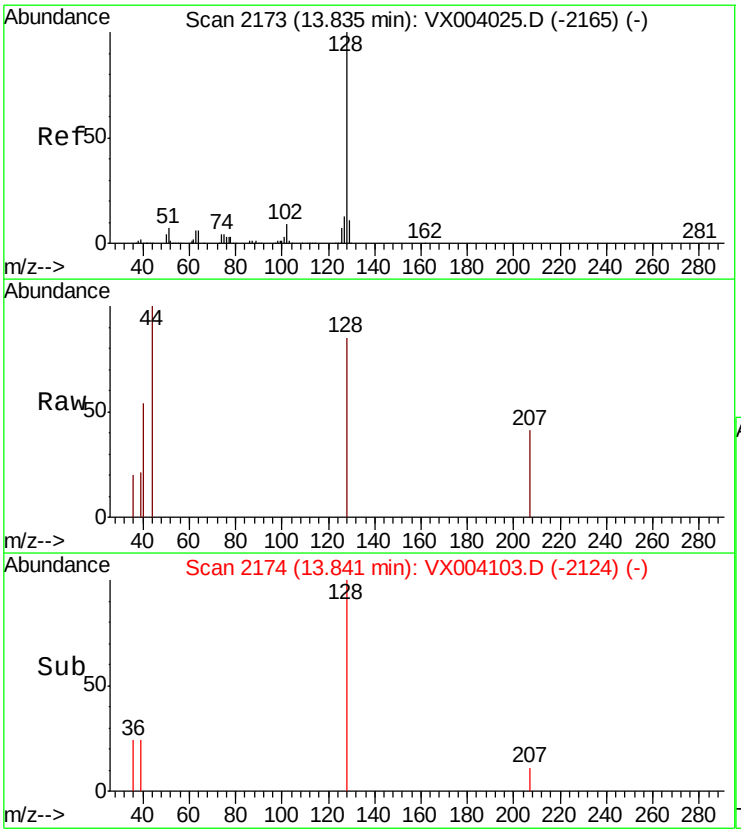
#81
trans-1,4-Dichloro-2-butene
Concen: 70.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Instrument :
MSVOA_X
ClientSampleId :
SS050MW636-180814

Tgt Ion: 75 Resp: 97392

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.3	120.5#
89	0.0	37.8	56.8#





#95
Naphthalene
Concen: 1.17 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX004103.D
Acq: 16 Aug 2018 05:47

Tgt Ion:128 Resp: 346

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#