Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082018\
Data File : VX004160.D
Acq On : 20 Aug 2018 18:28
Operator : JC/MD
Sample : J4282-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Quant Time: Aug 21 01:06:26 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	272732	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	442179	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	439960	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236704	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	201482	52.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.86%				
35) Dibromofluoromethane	5.50	113	171321	51.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.54%				
50) Toluene-d8	8.71	98	641123	47.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.56%				
62) 4-Bromofluorobenzene	11.14	95	218272	44.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.70%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2996	0.92	ug/l		92
5) Bromomethane	1.64	94	1312	0.56	ug/l	#	72
6) Chloroethane	1.73	64	555	Below Cal		#	65
8) Diethyl Ether	2.18	74	490	0.23	ug/l		88
10) Methyl Iodide	2.53	142	951	5.27	ug/l	#	91
11) Tert butyl alcohol	3.06	59	375	0.48	ug/l	#	94
13) Acrolein	2.30	56	301	11.50	ug/l		85
16) Acetone	2.45	43	20654	10.34	ug/l		97
17) Carbon Disulfide	2.57	76	2219	0.27	ug/l	#	92
18) Methyl Acetate	2.78	43	6824	1.54	ug/l		97
20) Methylene Chloride	2.86	84	50280	14.97	ug/l		98
25) 2-Butanone	4.71	43	3235	1.00	ug/l		94
29) Tetrahydrofuran	5.16	42	1015	0.61	ug/l	#	47
30) Chloroform	5.22	83	7092	1.20	ug/l		97
31) Cyclohexane	5.66	56	5271	0.99	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	18219	3.62	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	23628	4.83	ug/l	#	14
43) Isopropyl Acetate	6.46	43	149470	18.51	ug/l		99
47) Bromodichloromethane	7.90	83	1694	0.35	ug/l		89
48) Methyl methacrylate	7.69	41	7582	1.86	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.66	43	1446	0.22	ug/l	#	53
59) 2-Hexanone	9.45	43	1370	0.27	ug/l	#	22
68) m/p-Xylenes	10.36	106	1983	0.28	ug/l		96
74) N-amyl acetate	6.46	43	149470	19.84	ug/l	#	99
76) 1,2,3-Trichloropropane	11.14	75	105787	22.29	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	105787	68.99	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.80	105	5607	0.41	ug/l		95
95) Naphthalene	13.83	128	393774	24.39	ug/l		100

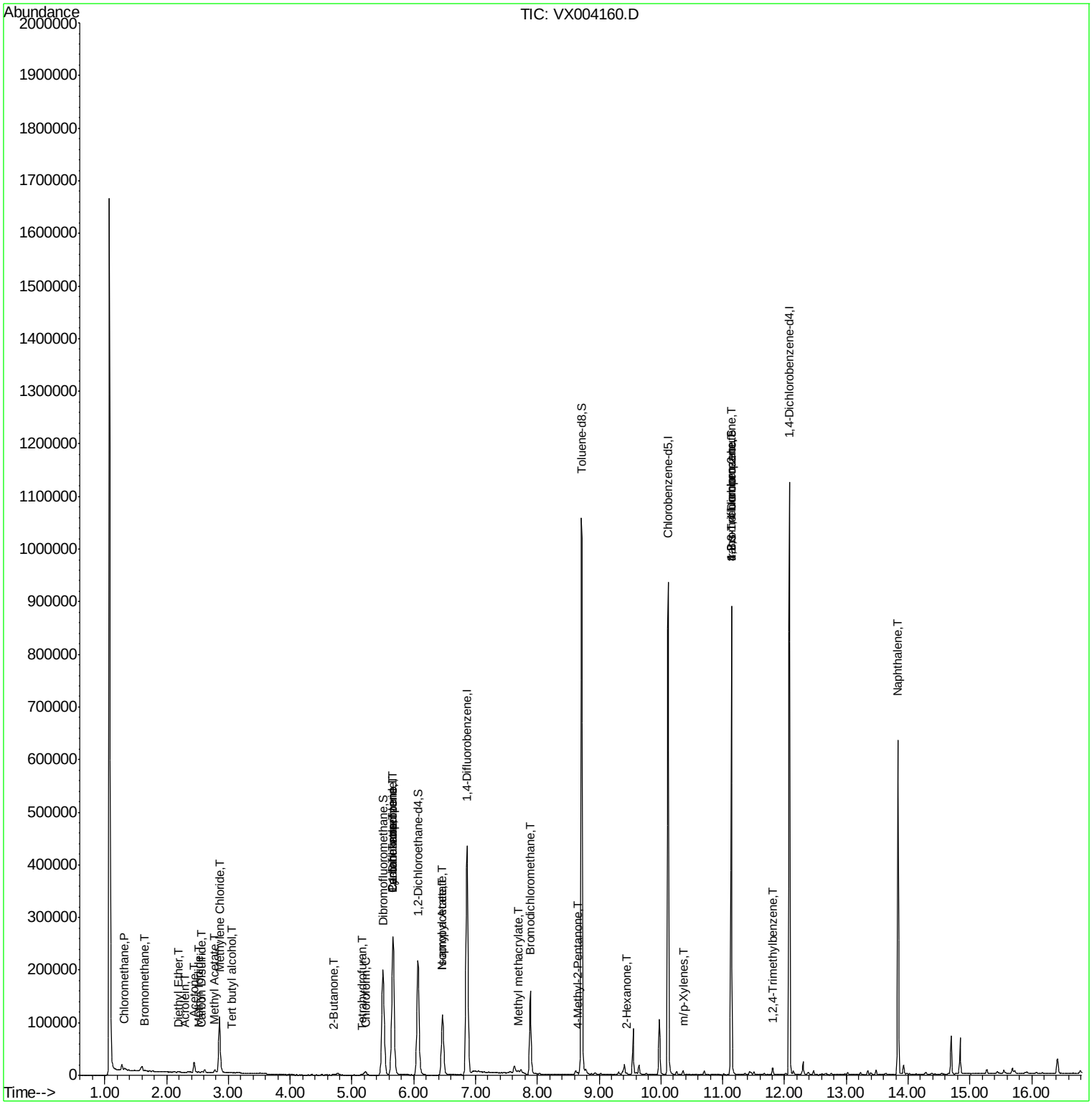
(#) = qualifier out of range (m) = manual integration (+) = signals summed

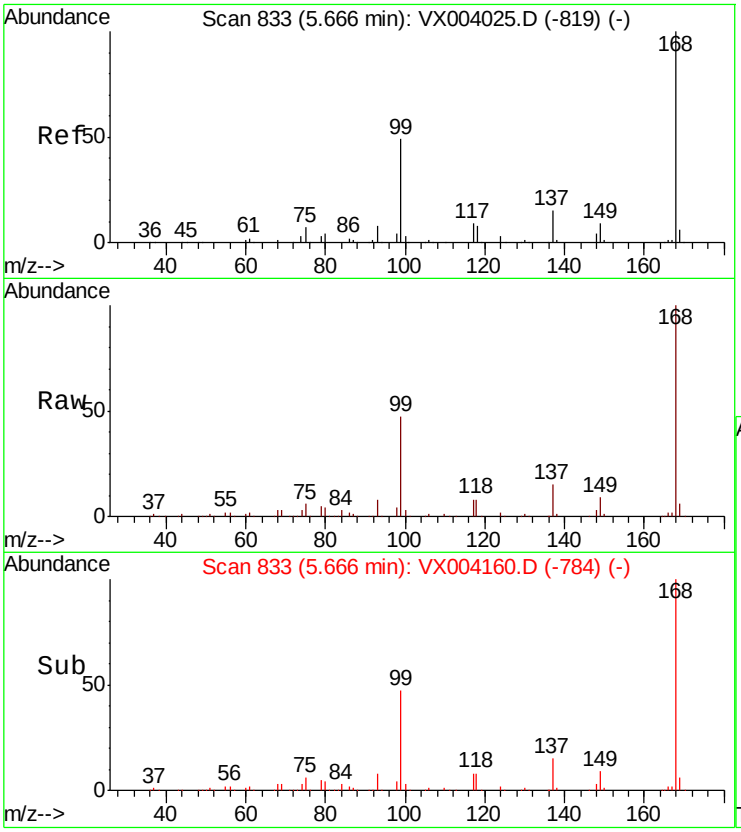
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
Data File : VX004160.D
Acq On : 20 Aug 2018 18:28
Operator : JC/MD
Sample : J4282-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Quant Time: Aug 21 01:06:26 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



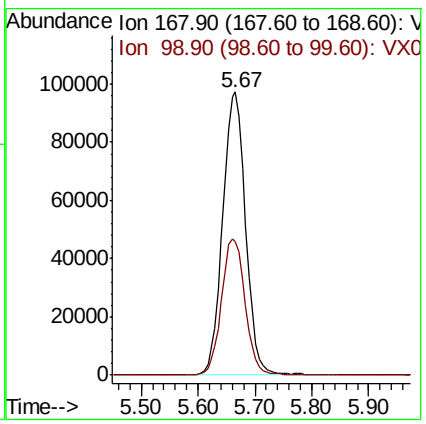


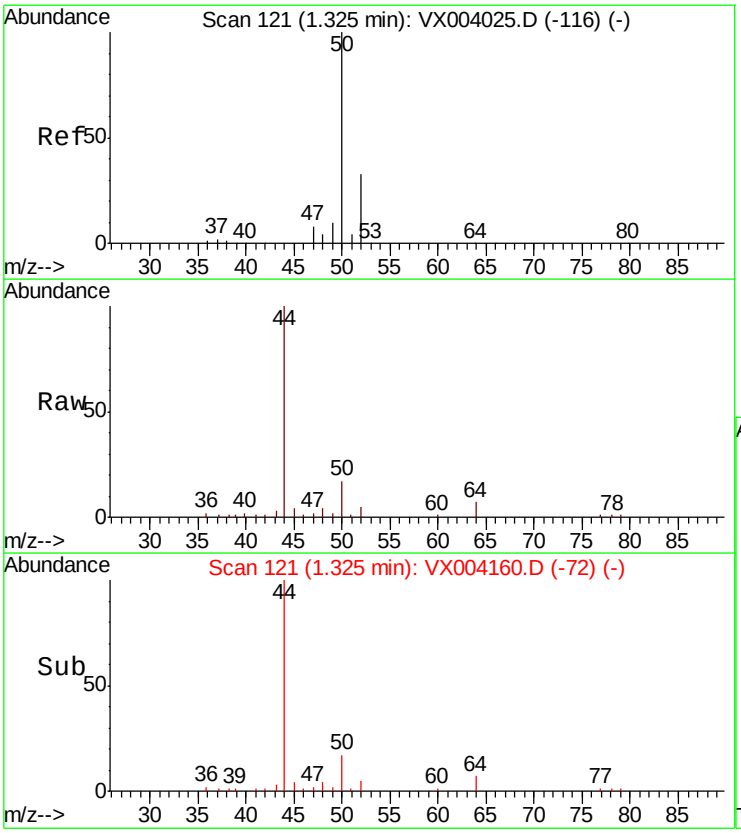
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion:168 Resp: 272732

Ion	Ratio	Lower	Upper
168	100		
99	47.3	40.1	60.1

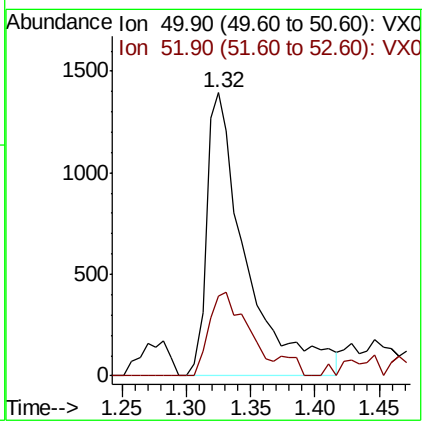


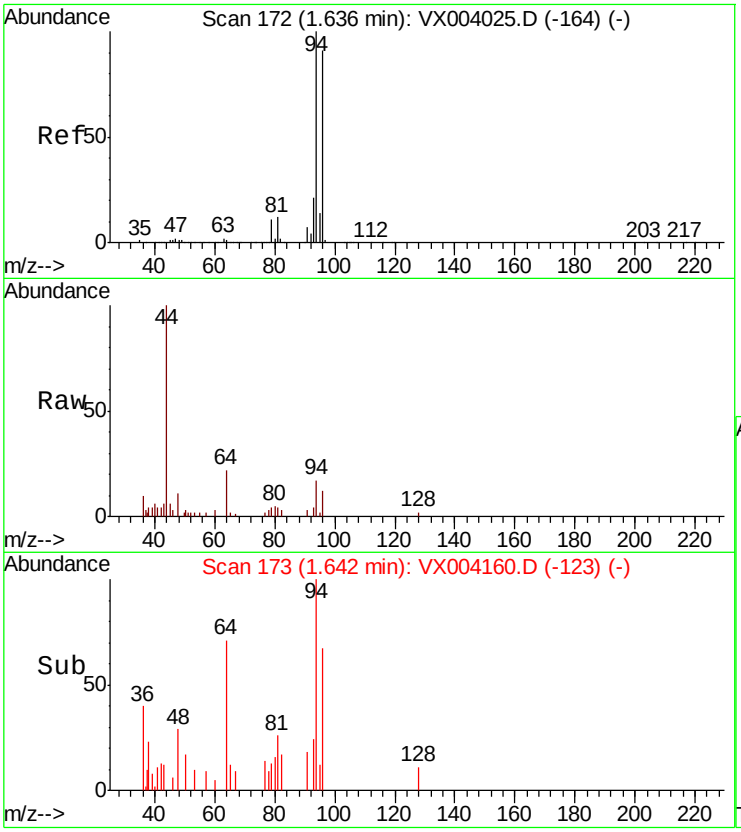


#3
Chloromethane
Concen: 0.92 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 50 Resp: 2996

Ion	Ratio	Lower	Upper
50	100		
52	28.4	26.6	39.8



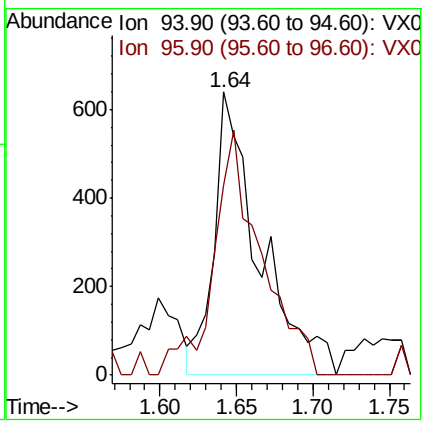


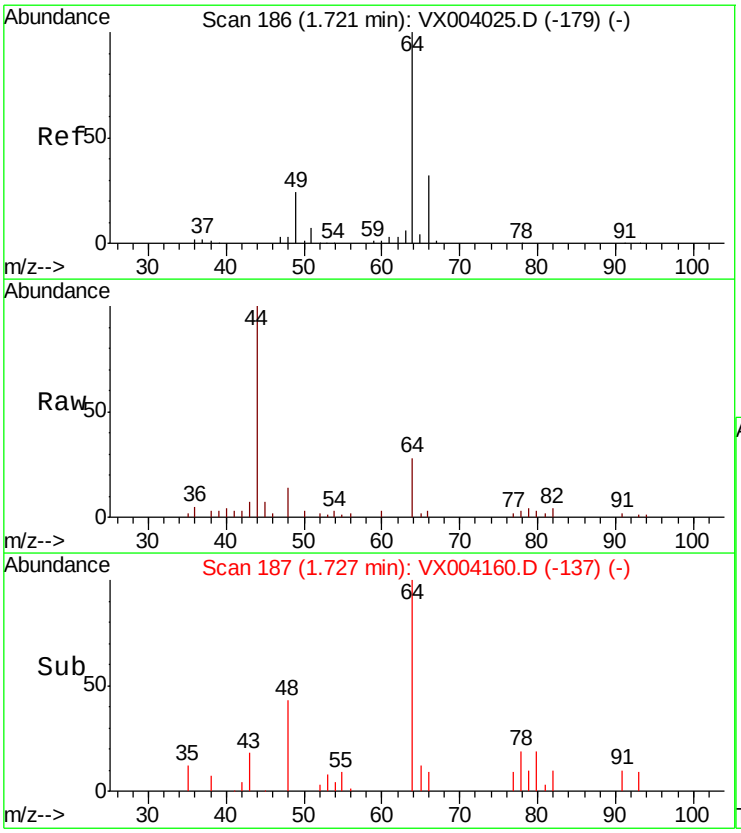
#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 94 Resp: 1312

Ion	Ratio	Lower	Upper
94	100		
96	67.0	75.2	112.8#

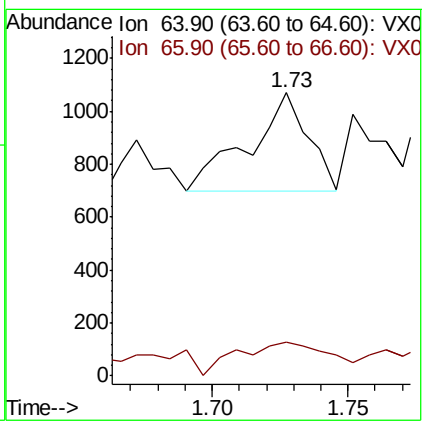


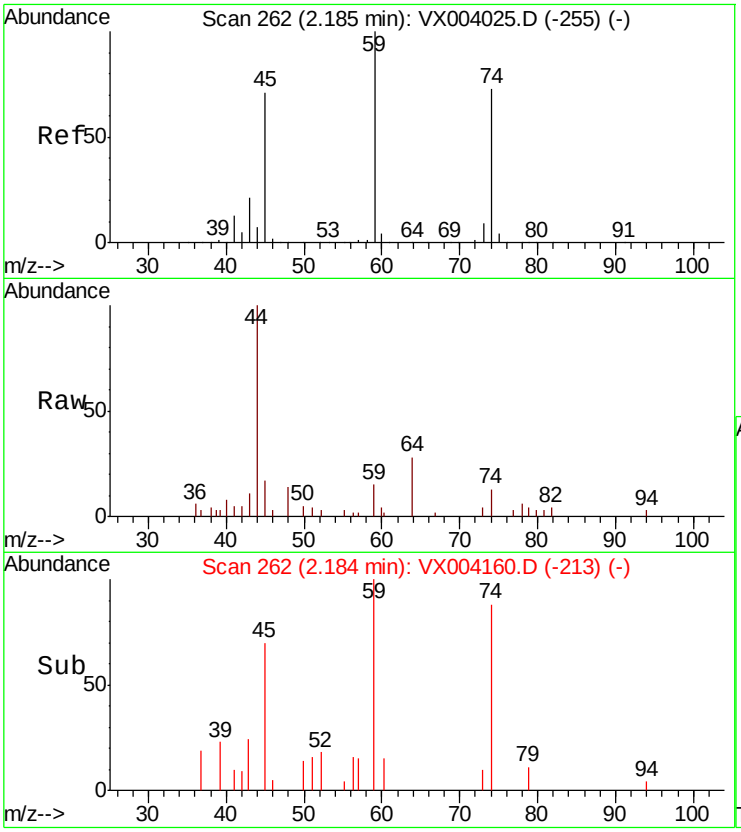


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 64 Resp: 555

Ion	Ratio	Lower	Upper
64	100		
66	13.2	26.5	39.7#



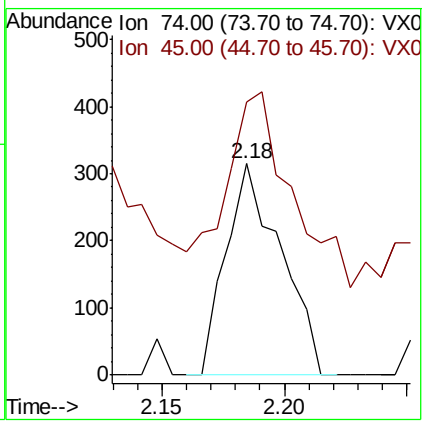


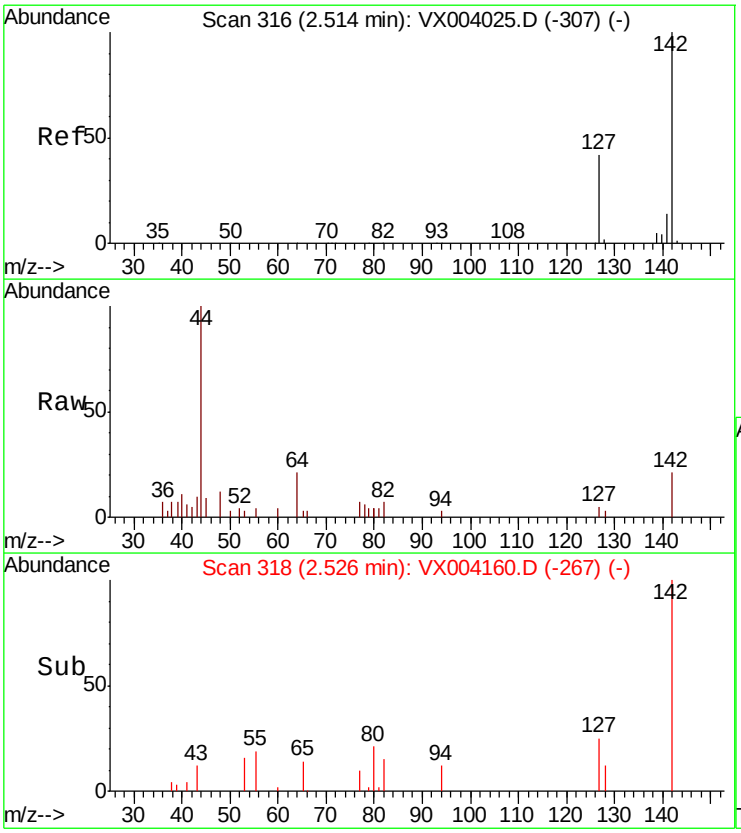
#8
Diethyl Ether
Concen: 0.23 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Tgt Ion: 74 Resp: 490

Ion	Ratio	Lower	Upper
74	100		
45	108.8	48.3	144.9

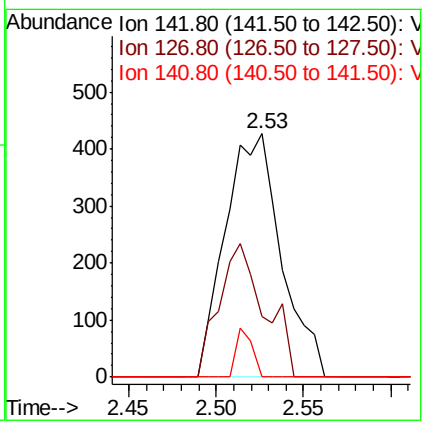


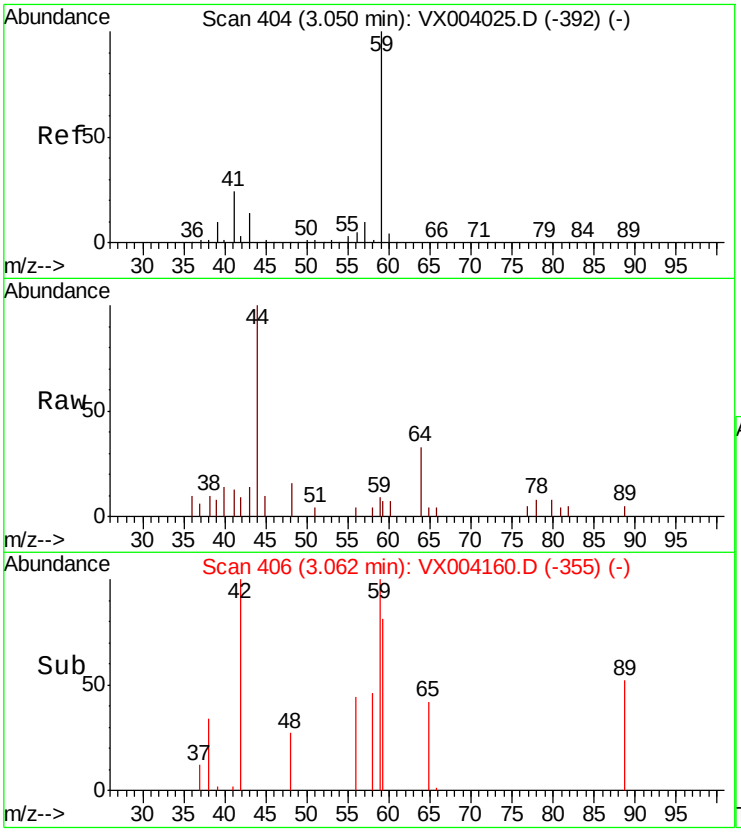


#10
Methyl Iodide
Concen: 5.27 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion:142 Resp: 951

Ion	Ratio	Lower	Upper
142	100		
127	44.7	33.1	49.7
141	5.8	11.1	16.7#



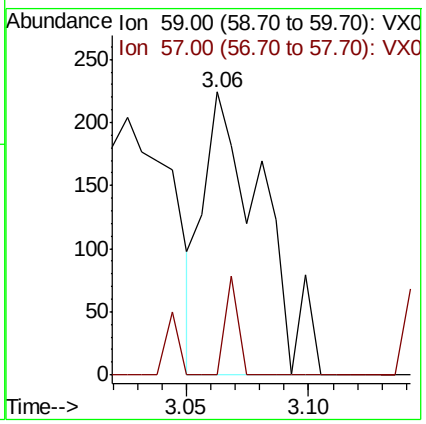


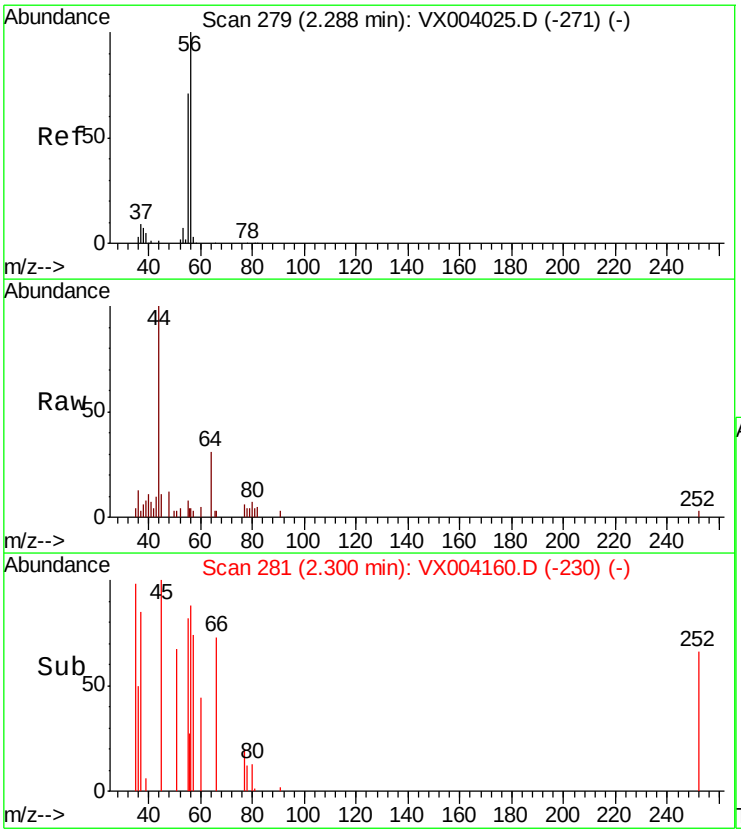
#11
Tert butyl alcohol
Concen: 0.48 ug/l
RT: 3.06 min Scan# 406
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 59 Resp: 375

Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.1	12.1#

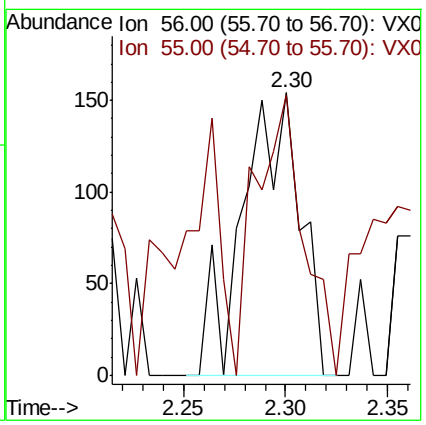


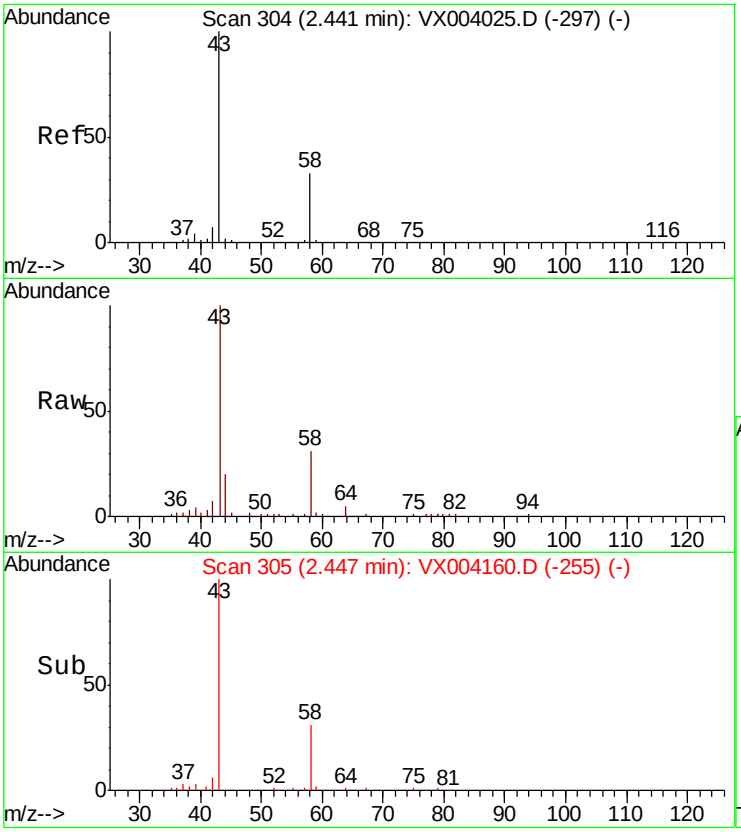


#13
Acrolein
Concen: 11.50 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 56 Resp: 301

Ion	Ratio	Lower	Upper
56	100		
55	82.4	56.1	84.1



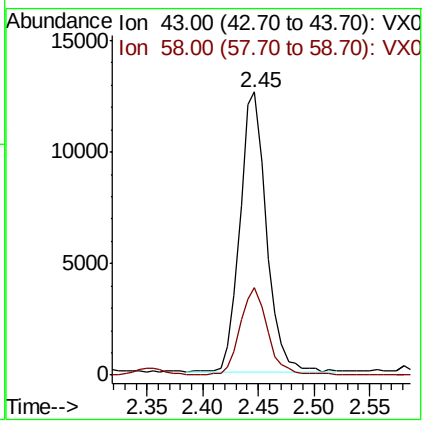


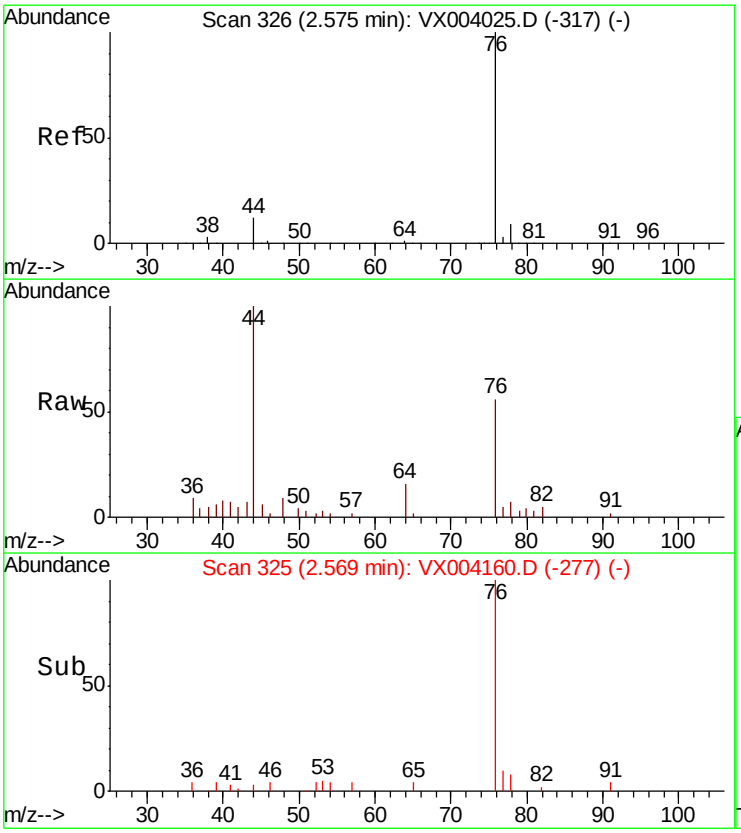
#16
Acetone
Concen: 10.34 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Tgt Ion: 43 Resp: 20654

Ion	Ratio	Lower	Upper
43	100		
58	31.2	26.4	39.6

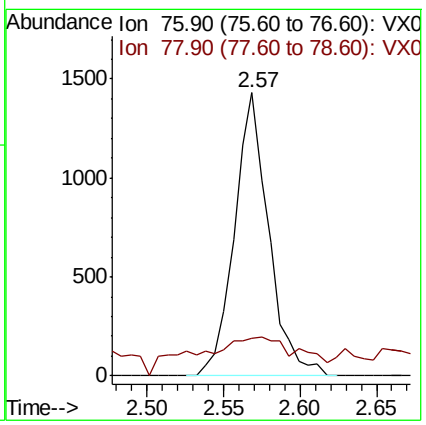


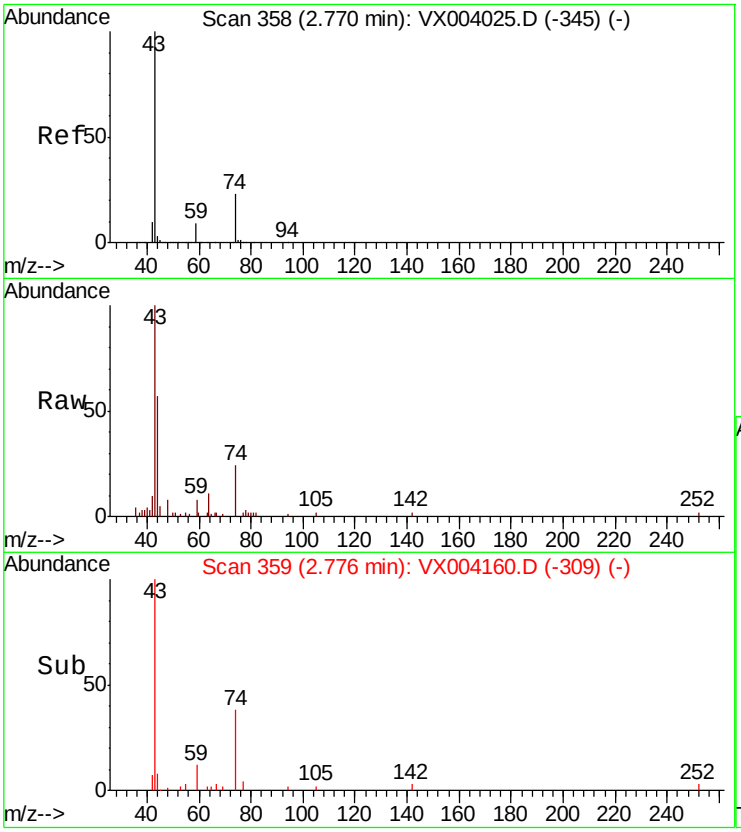


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 76 Resp: 2219

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.5	11.3#



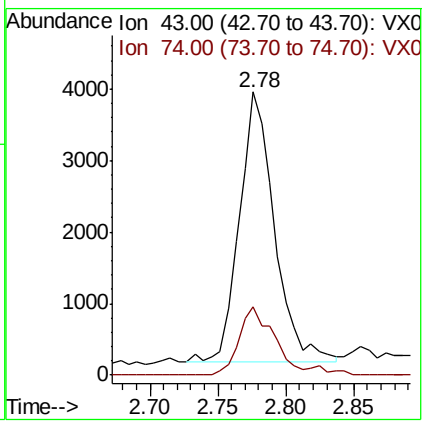


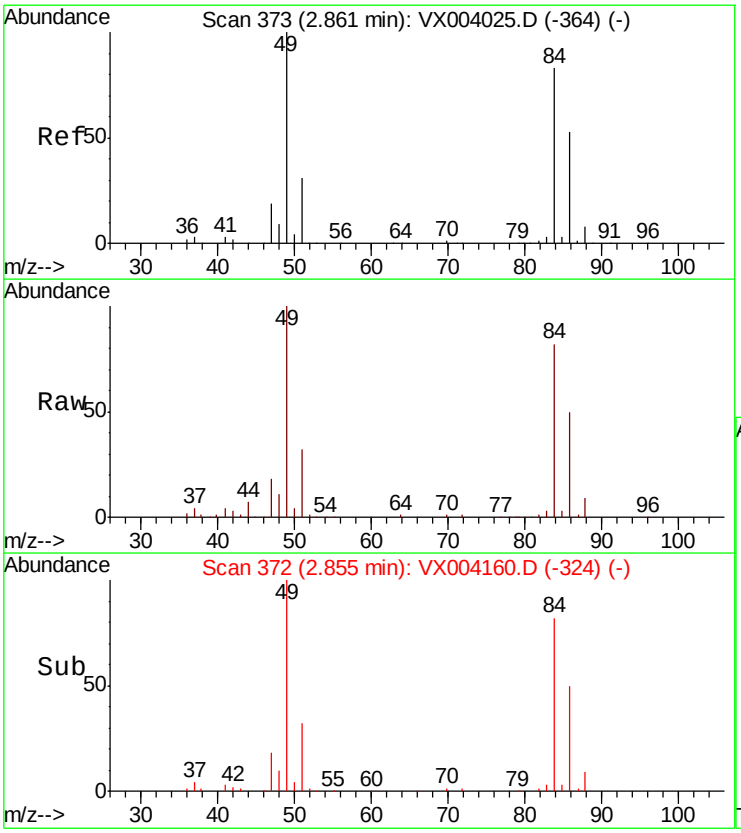
#18
Methyl Acetate
Concen: 1.54 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Tgt Ion: 43 Resp: 6824

Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.9	28.3

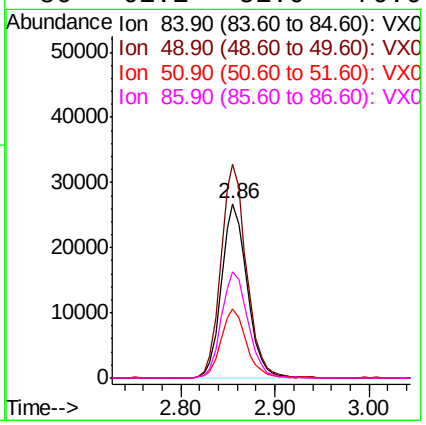


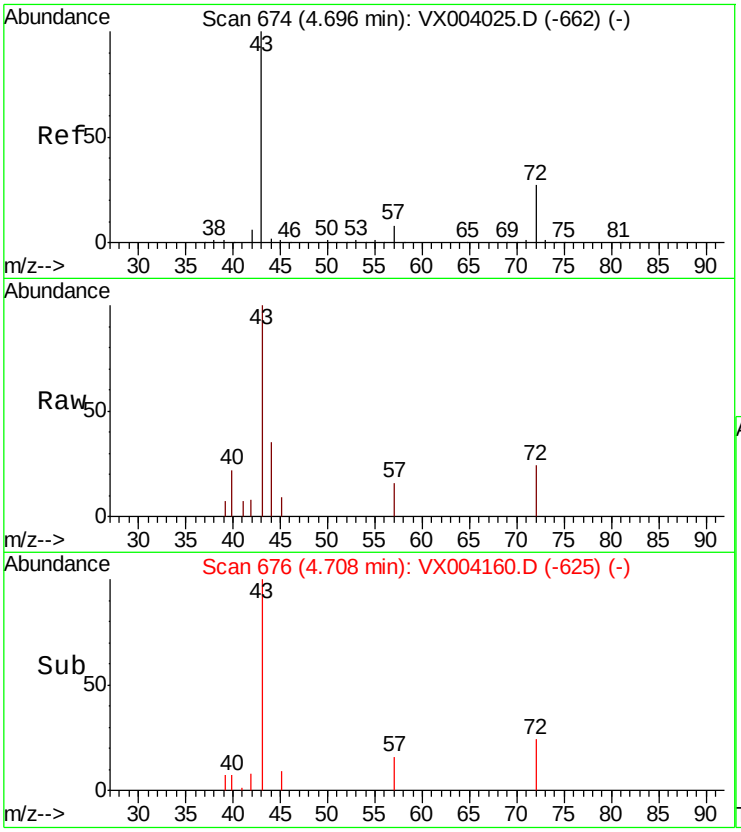


#20
Methylene Chloride
Concen: 14.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 84 Resp: 50280

Ion	Ratio	Lower	Upper
84	100		
49	122.6	98.9	148.3
51	39.1	29.9	44.9
86	61.1	51.0	76.6



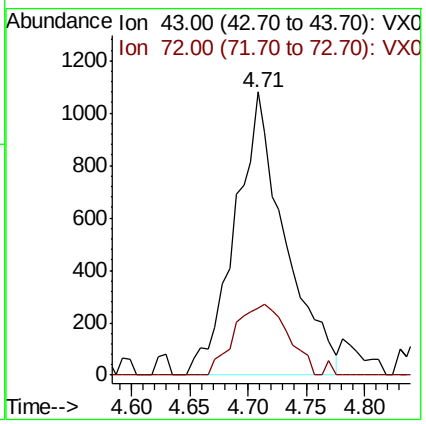


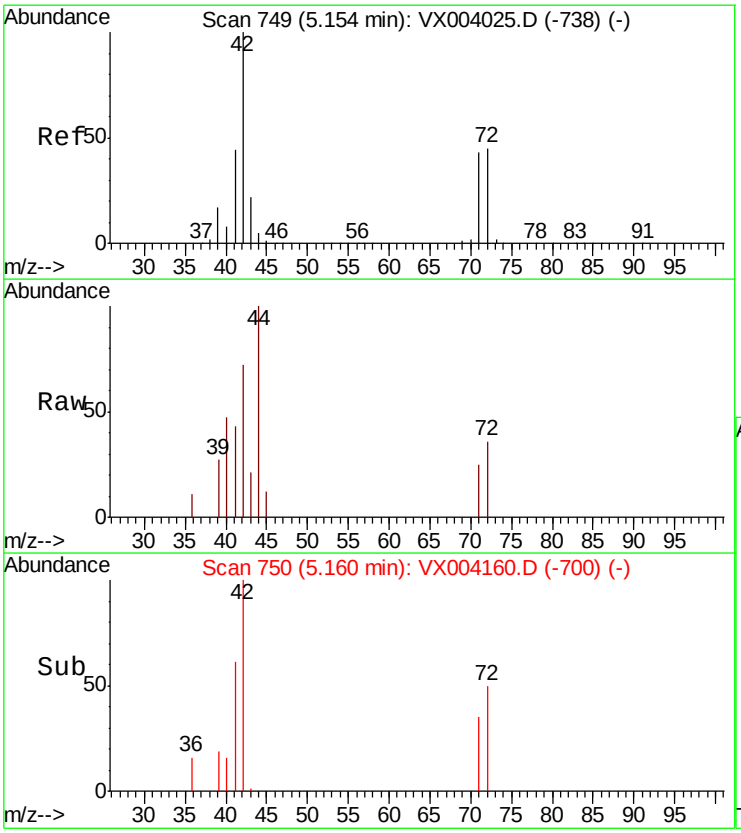
#25
2-Butanone
Concen: 1.00 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 43 Resp: 3235

Ion	Ratio	Lower	Upper
43	100		
72	23.6	21.4	32.0

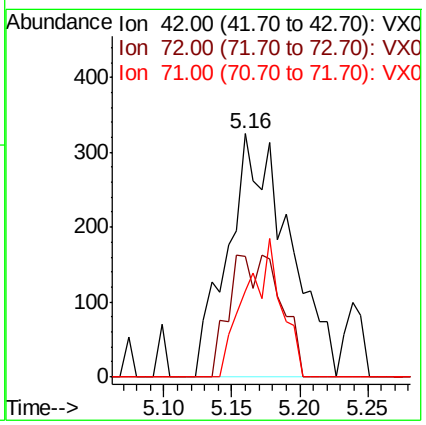


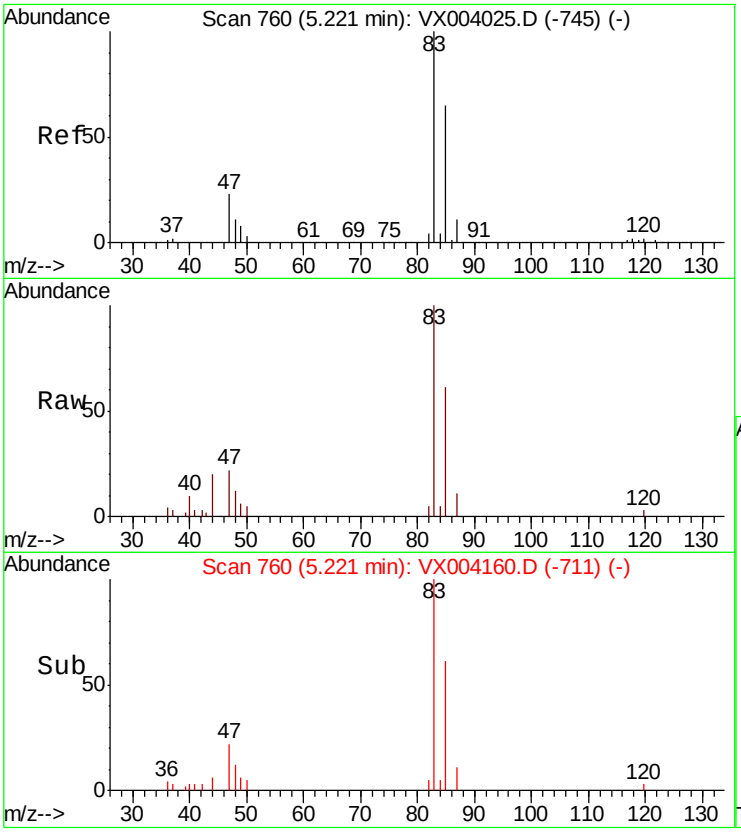


#29
Tetrahydrofuran
Concen: 0.61 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 42 Resp: 1015

Ion	Ratio	Lower	Upper
42	100		
72	21.2	37.7	56.5#
71	0.0	35.0	52.6#



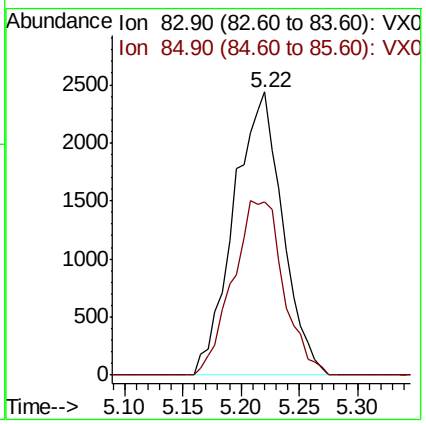


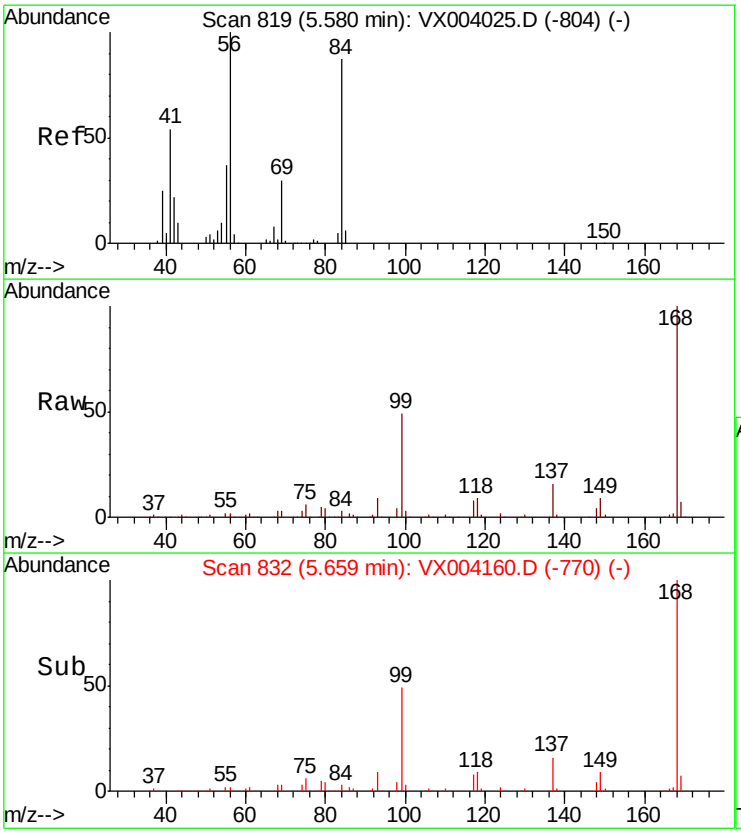
#30
Chloroform
Concen: 1.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 83 Resp: 7092

Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.7	76.1

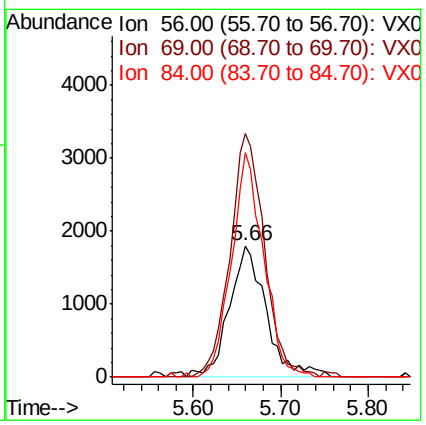


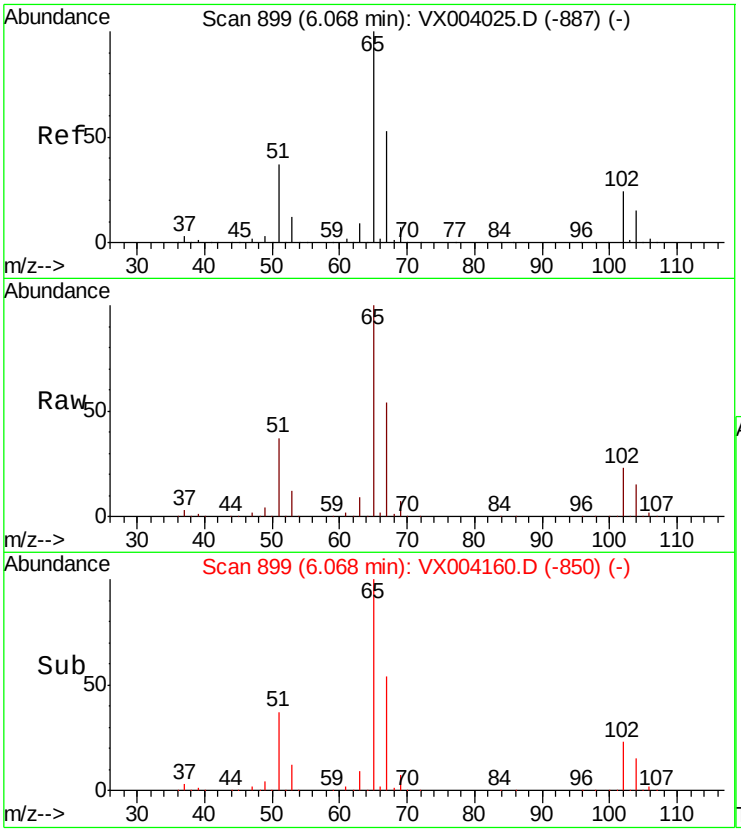


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 56 Resp: 5271

Ion	Ratio	Lower	Upper
56	100		
69	185.2	24.9	37.3#
84	170.8	71.7	107.5#



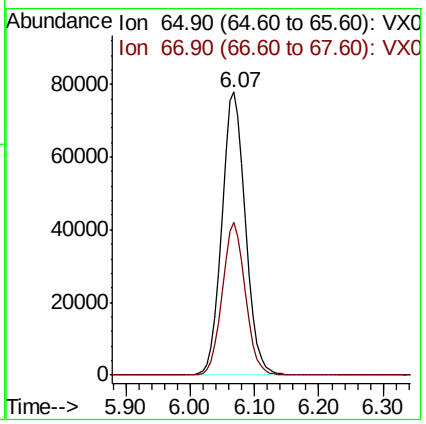


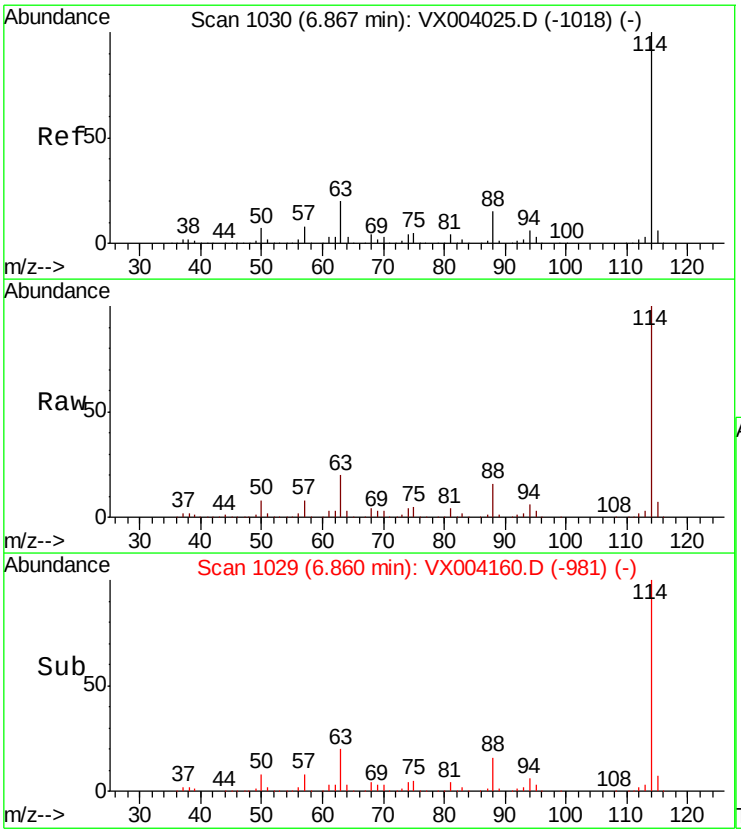
#33
1,2-Dichloroethane-d4
Concen: 52.43 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 65 Resp: 201482

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.8

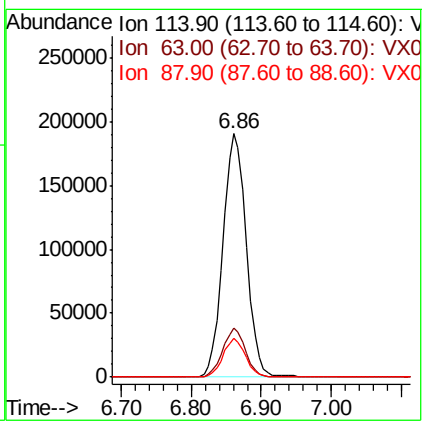


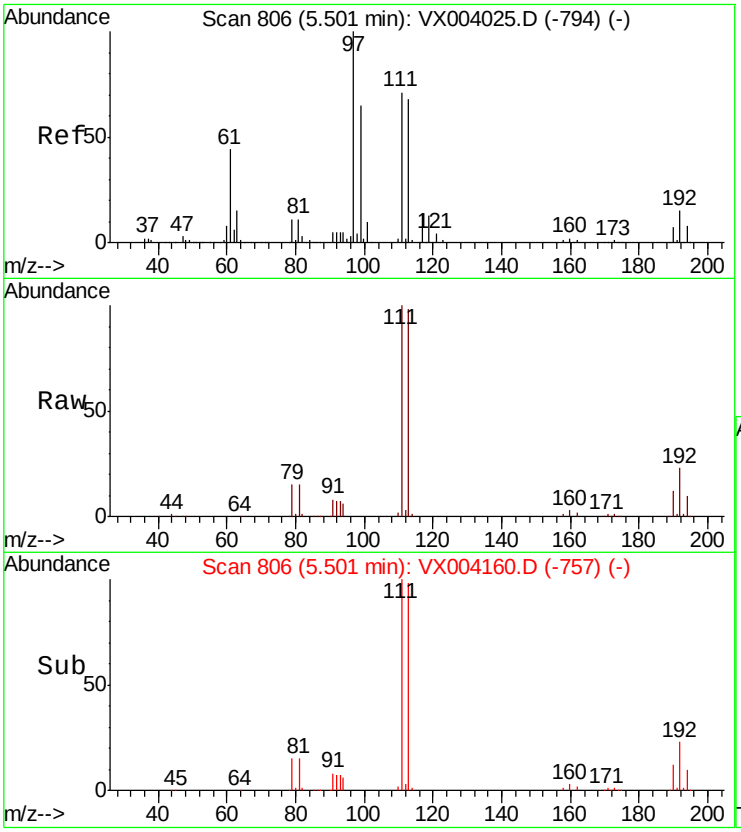


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion:114 Resp: 442179

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.8	0.0	32.0



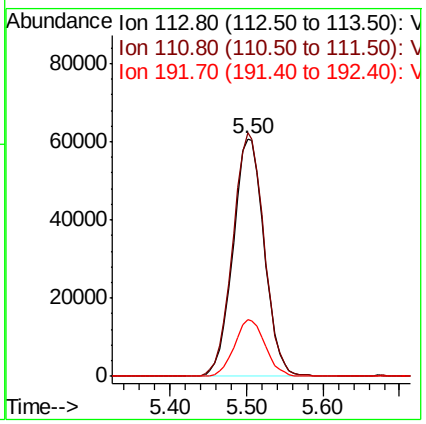


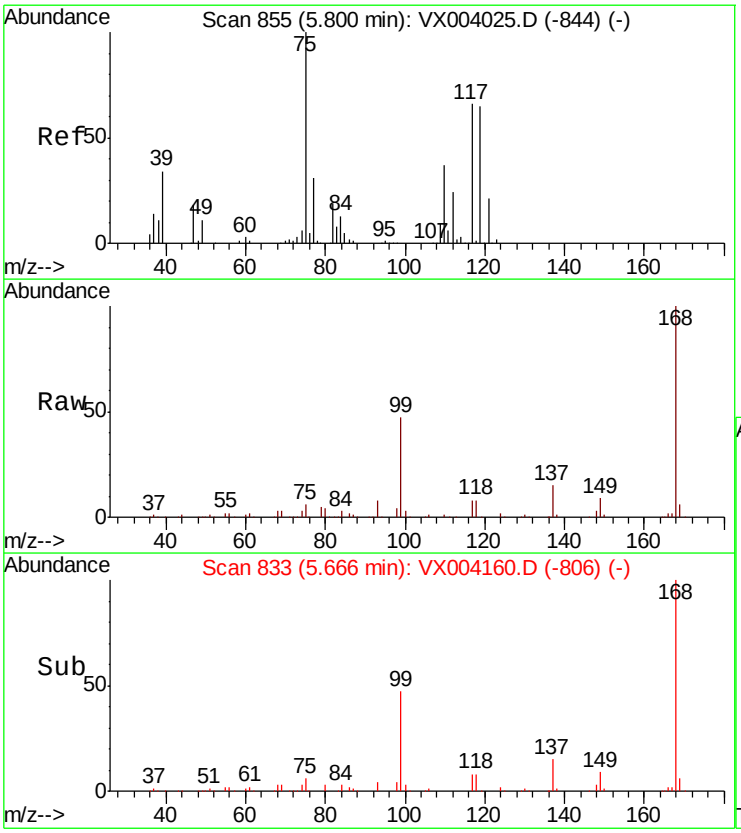
#35
Dibromofluoromethane
Concen: 51.77 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion:113 Resp: 171321

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.5	19.0	28.4

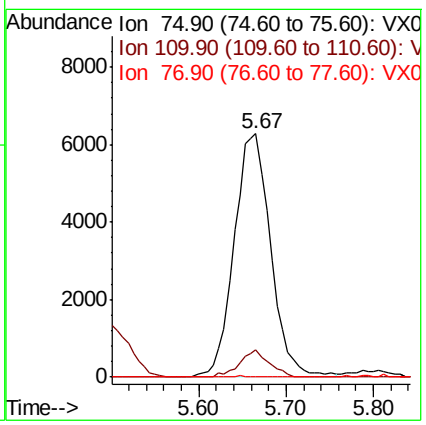


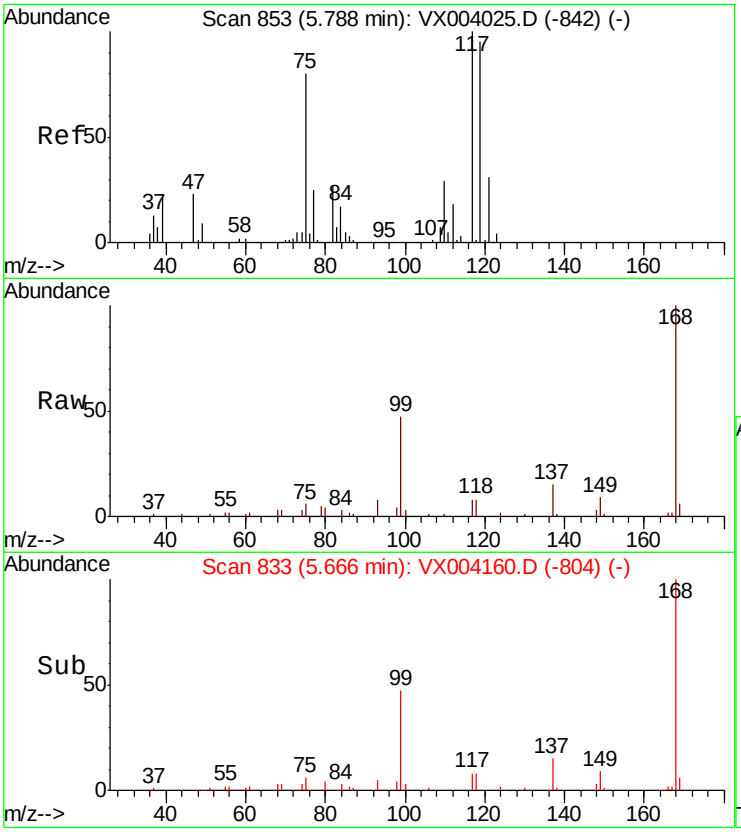


#36
1,1-Dichloropropene
Concen: 3.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 75 Resp: 18219

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.2	54.6#
77	0.1	25.0	37.4#



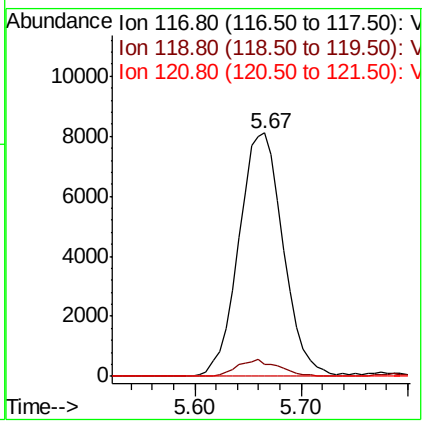


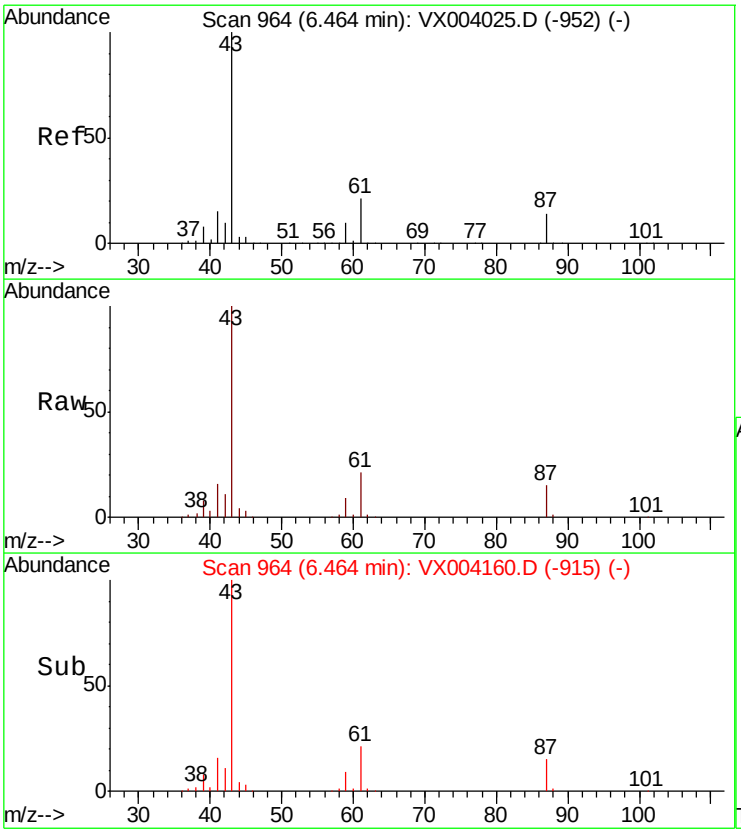
#38
Carbon Tetrachloride
Concen: 4.83 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion:117 Resp: 23628

Ion	Ratio	Lower	Upper
117	100		
119	5.0	79.5	119.3#
121	0.0	25.0	37.4#

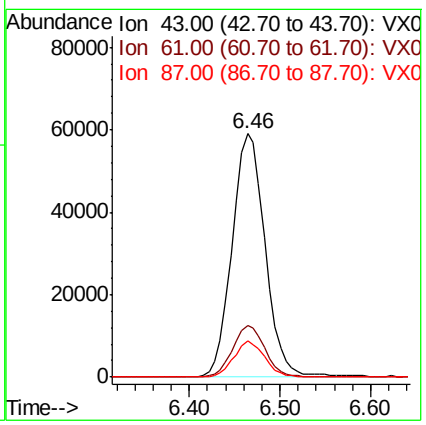


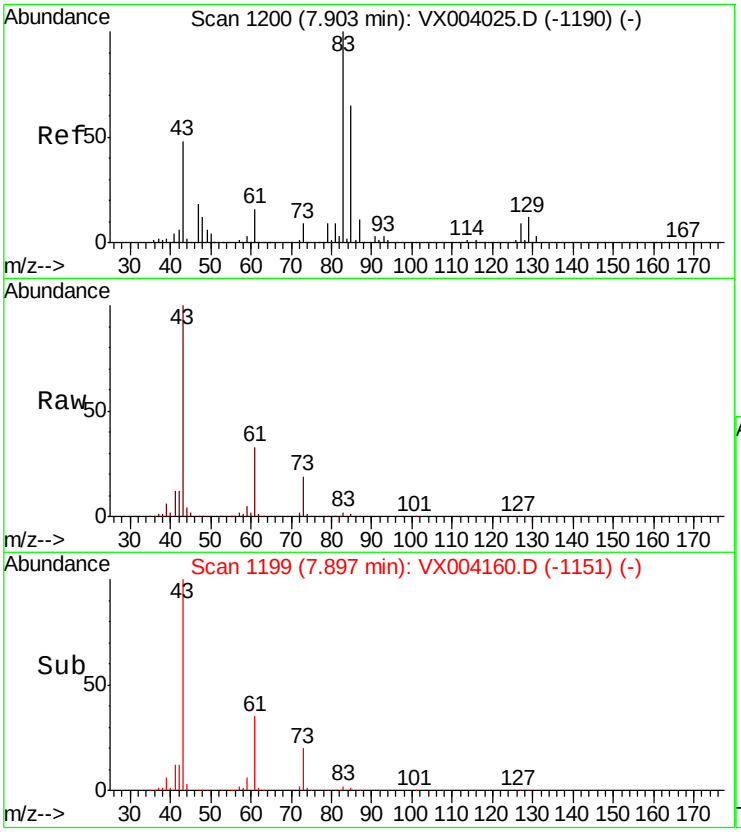


#43
Isopropyl Acetate
Concen: 18.51 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 43 Resp: 149470

Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	14.0	11.3	16.9



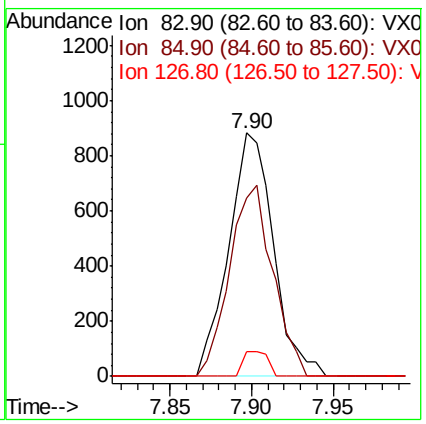


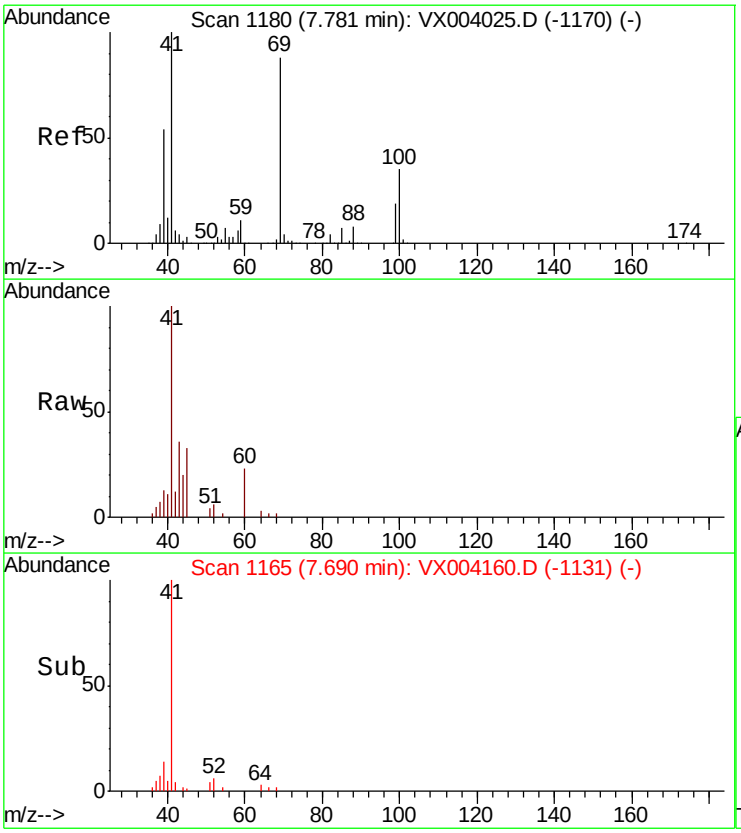
#47
Bromodichloromethane
Concen: 0.35 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 83 Resp: 1694

Ion	Ratio	Lower	Upper
83	100		
85	73.2	51.2	76.8
127	10.3	7.2	10.8

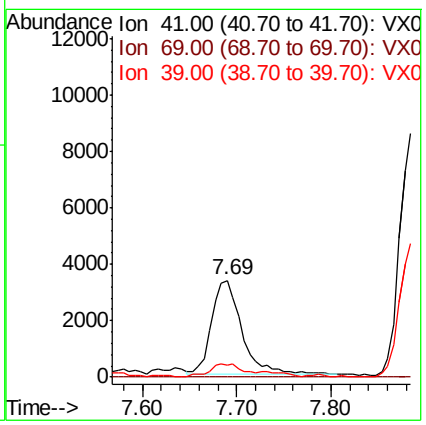


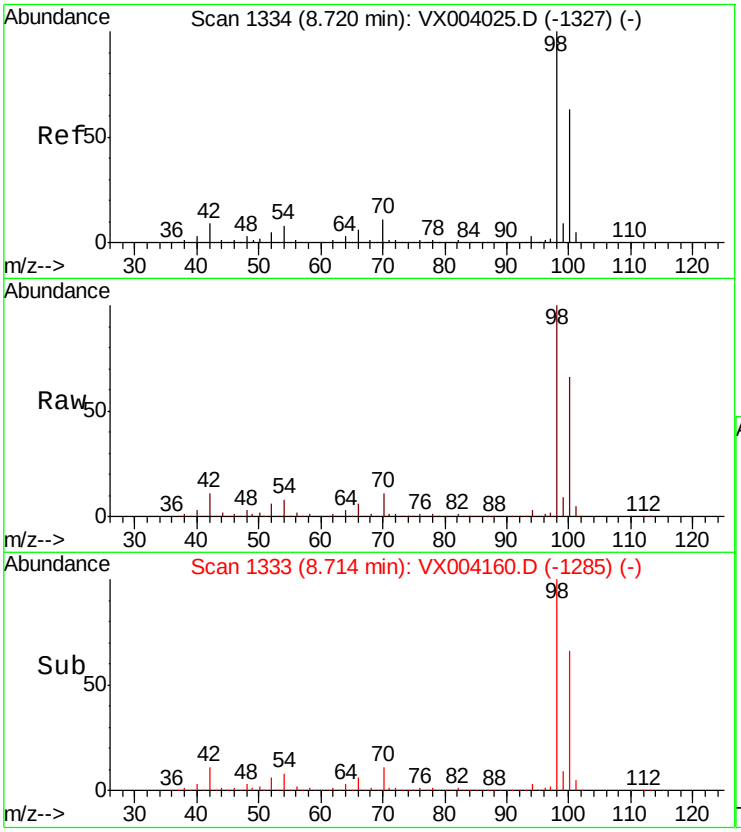


#48
Methyl methacrylate
Concen: 1.86 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 41 Resp: 7582

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.8	103.2#
39	15.2	42.3	63.5#

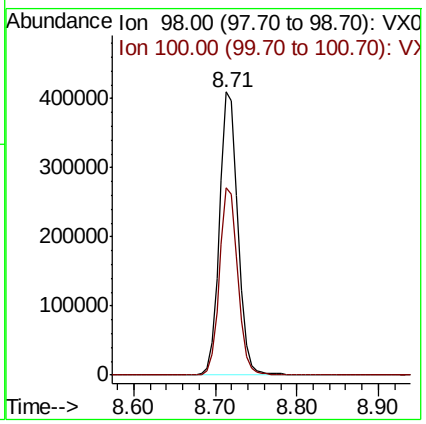




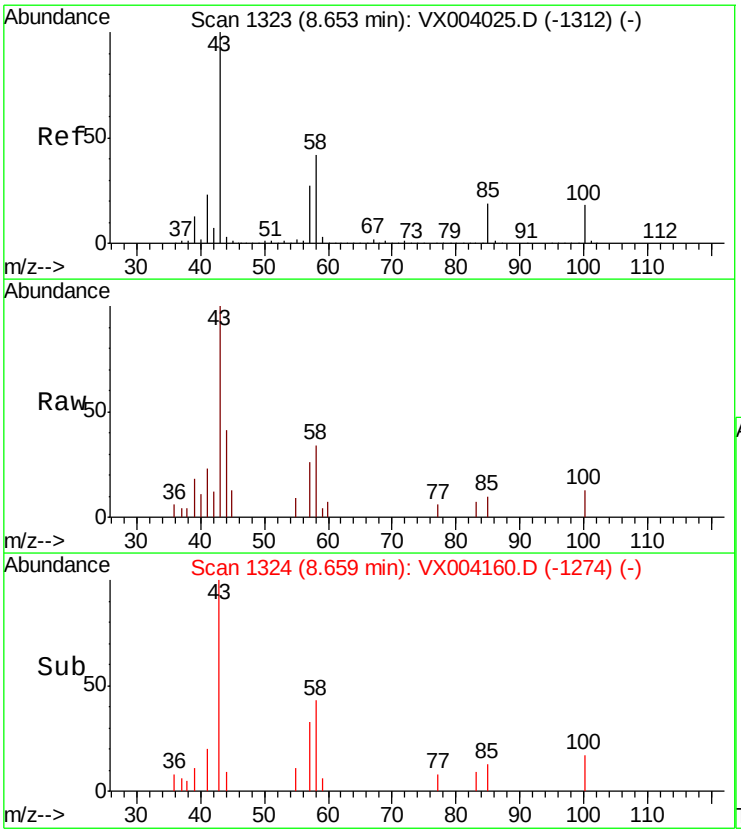
#50
Toluene-d8
Concen: 47.78 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 98 Resp: 641123

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.3	79.9



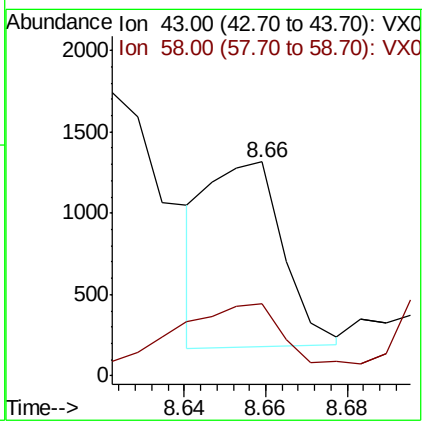
Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

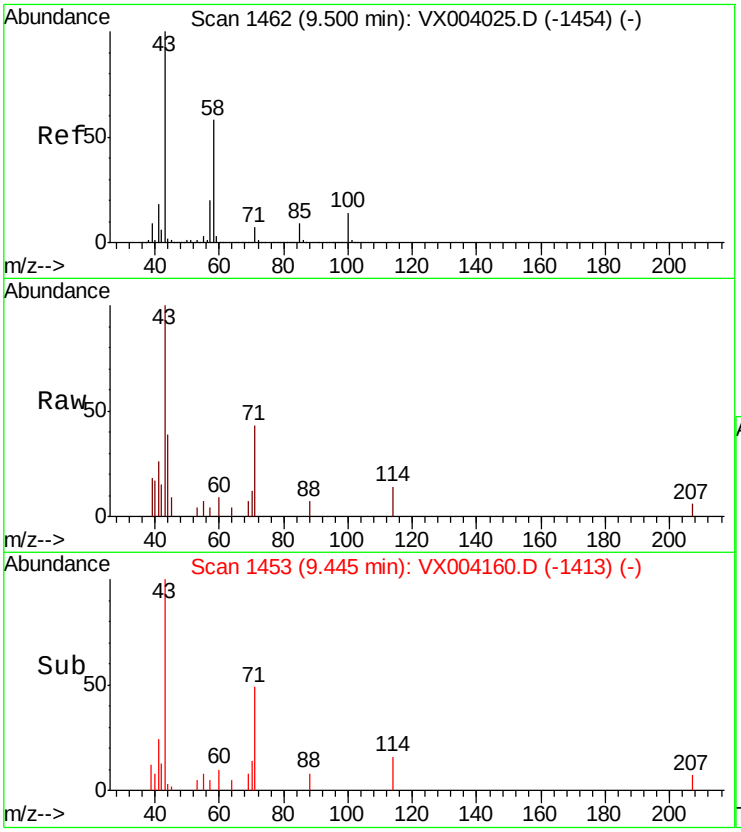


#51
4-Methyl-2-Pentanone
Concen: 0.22 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 43 Resp: 1446

Ion	Ratio	Lower	Upper
43	100		
58	71.1	33.0	49.6#



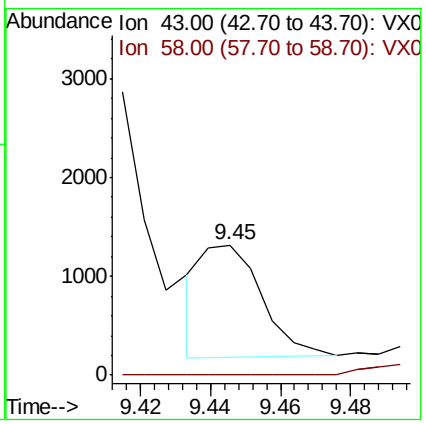


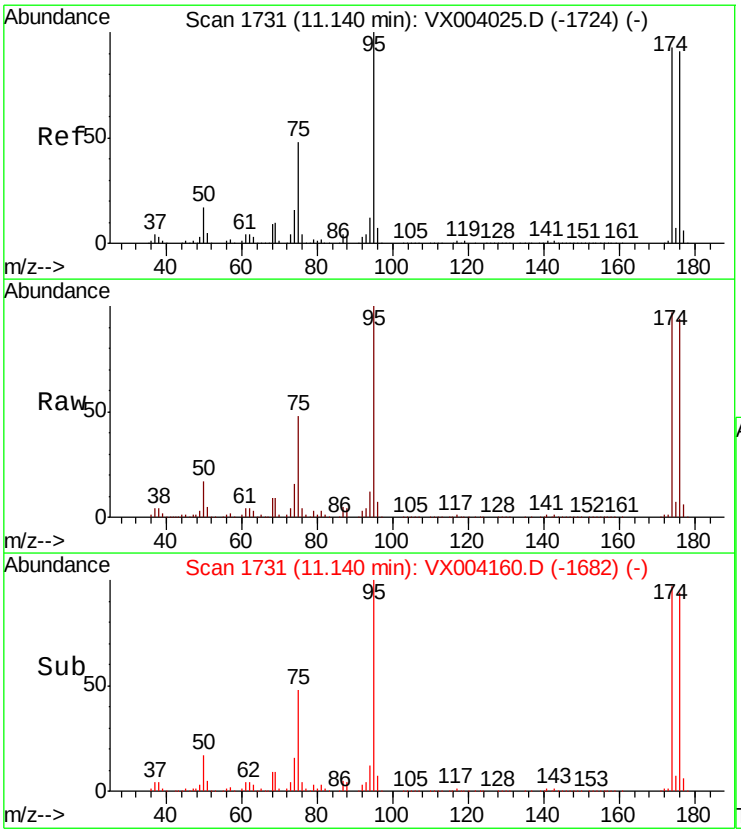
#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#

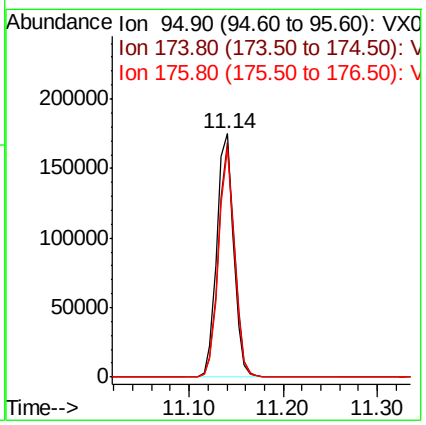


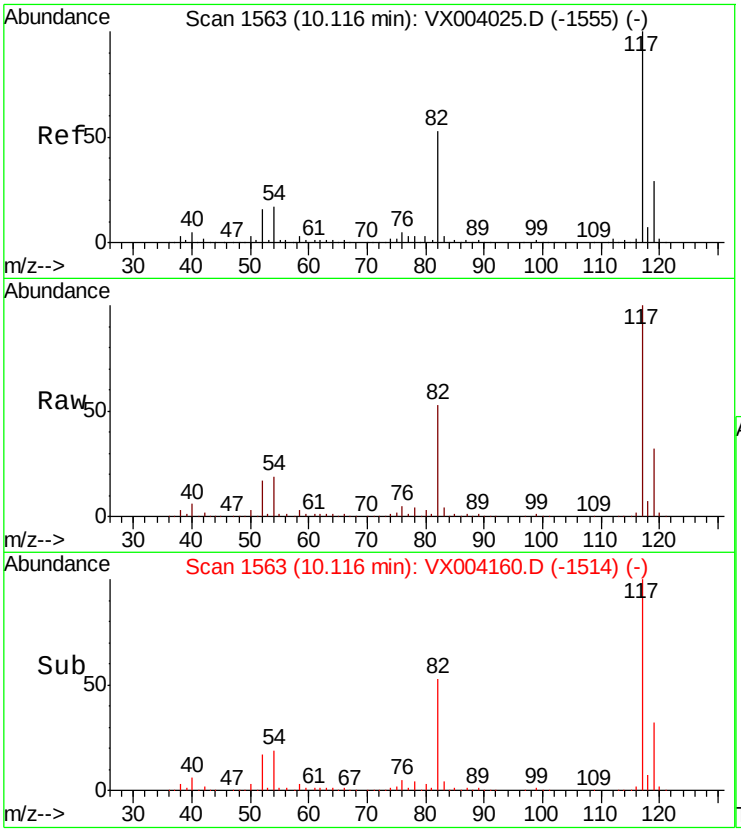


#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 95 Resp: 218272

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	182.8
176	89.1	0.0	179.0



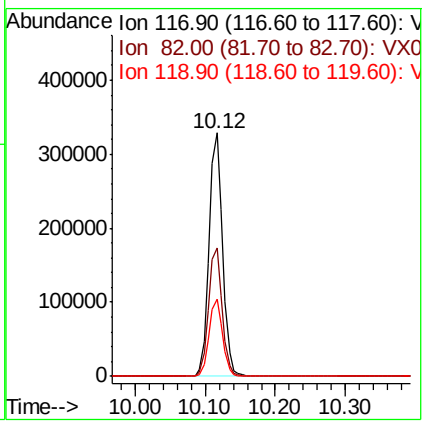


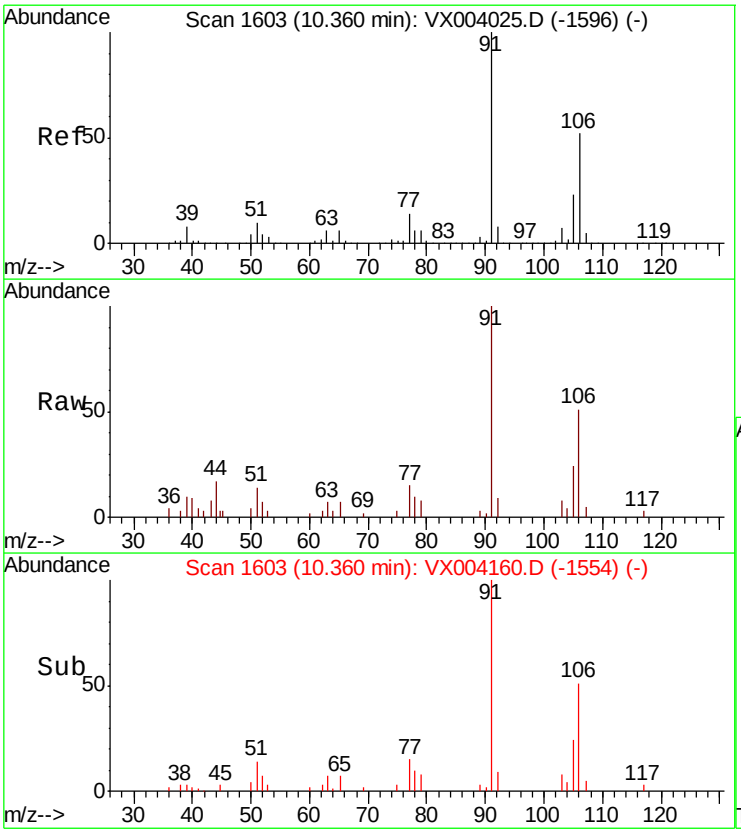
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument : MSVOA_X
ClientSampleId : SU-04-081718

Tgt Ion:117 Resp: 439960

Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.4	68.0
119	31.9	26.6	40.0

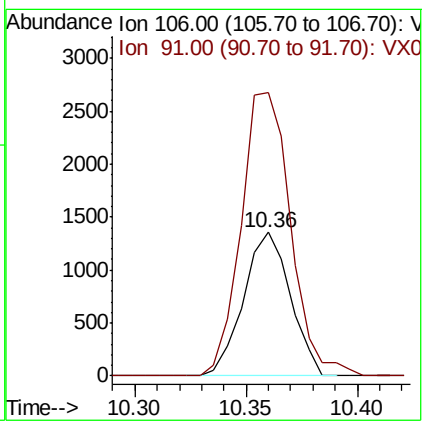


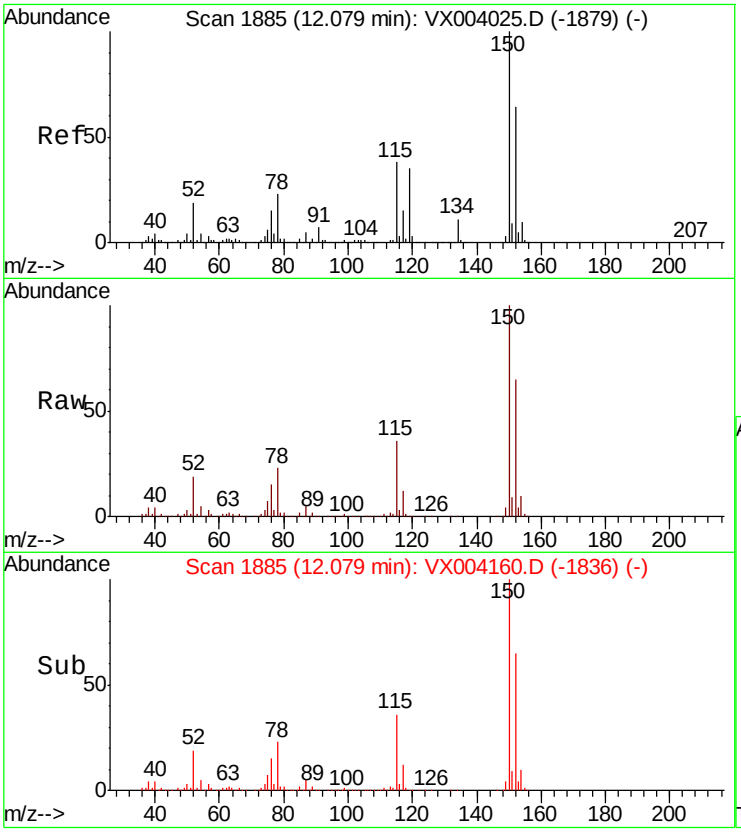


#68
m/p-Xylenes
Concen: 0.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion:106 Resp: 1983

Ion	Ratio	Lower	Upper
106	100		
91	209.7	162.3	243.5



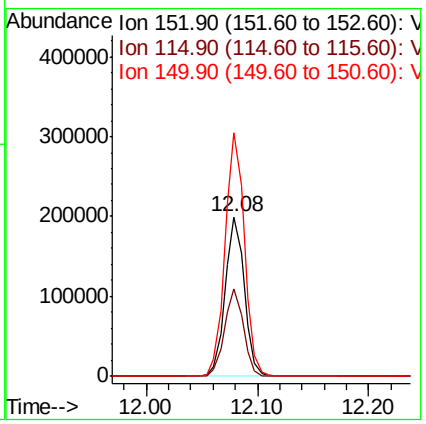


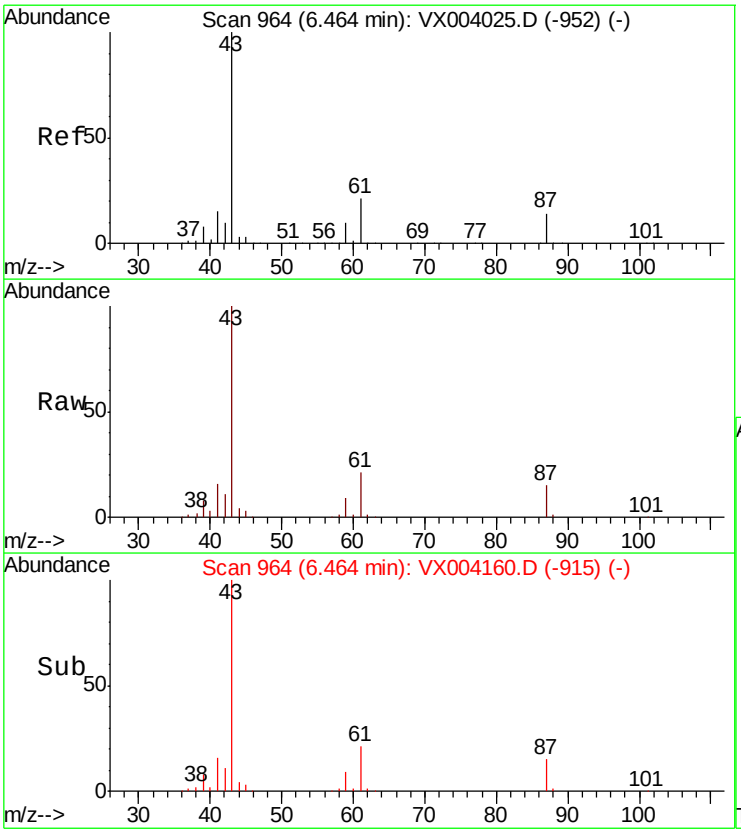
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion:152 Resp: 236704

Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.1	117.3
150	154.1	0.0	349.2

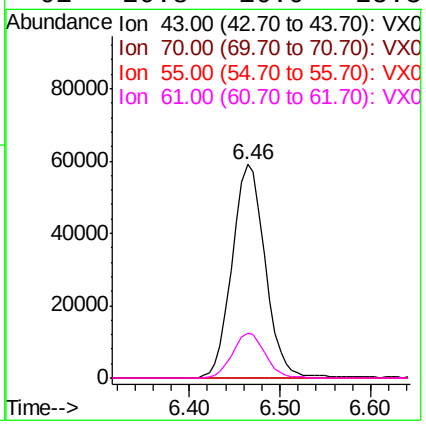


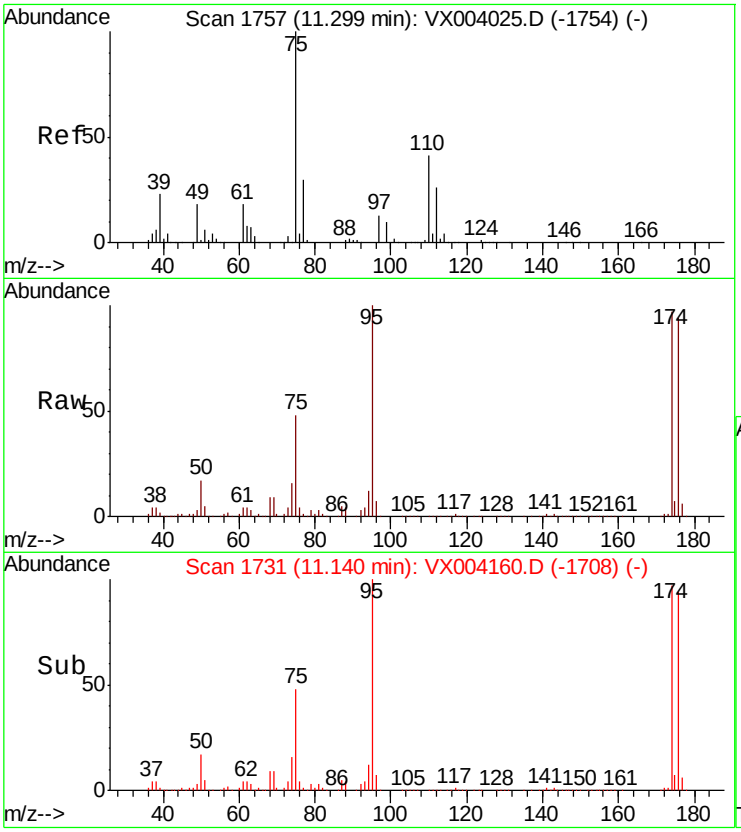


#74
N-amyl acetate
Concen: 19.84 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 43 Resp: 149470

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	20.8	16.9	25.3



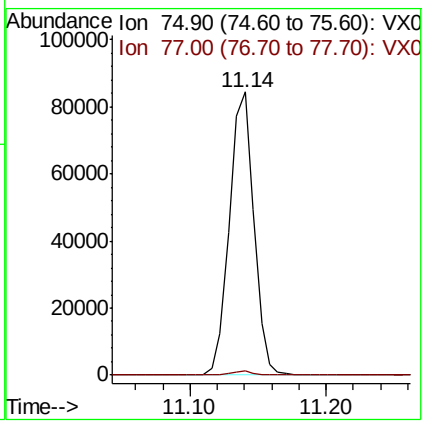


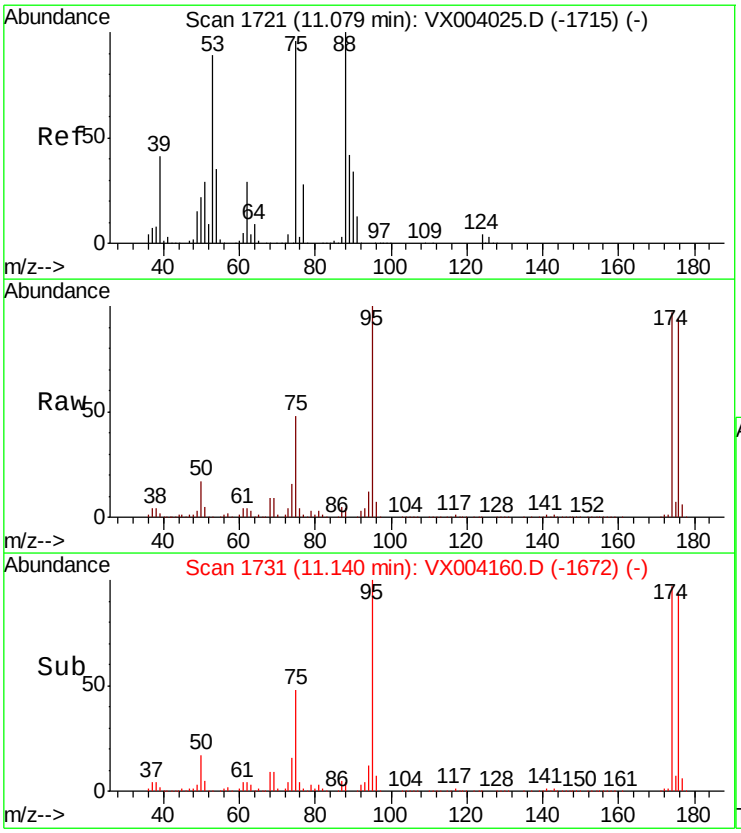
#76
1,2,3-Trichloropropane
Concen: 22.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion: 75 Resp: 105787

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.8	62.5#

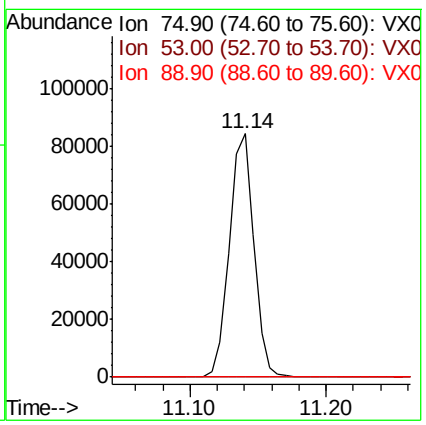


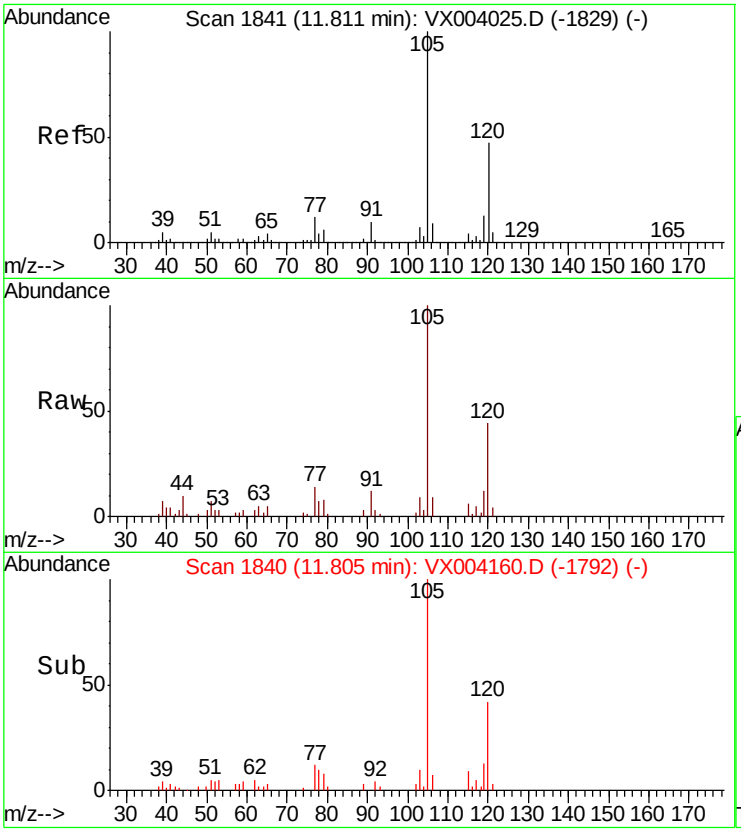


#81
trans-1,4-Dichloro-2-butene
Concen: 68.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion: 75 Resp: 105787

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



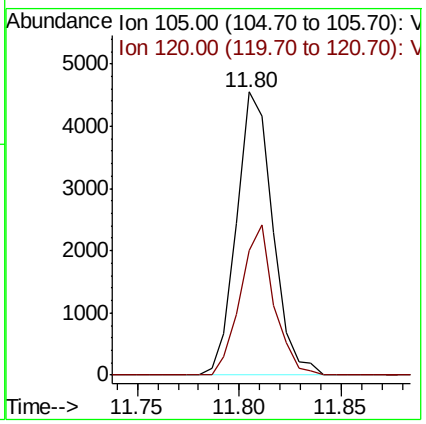


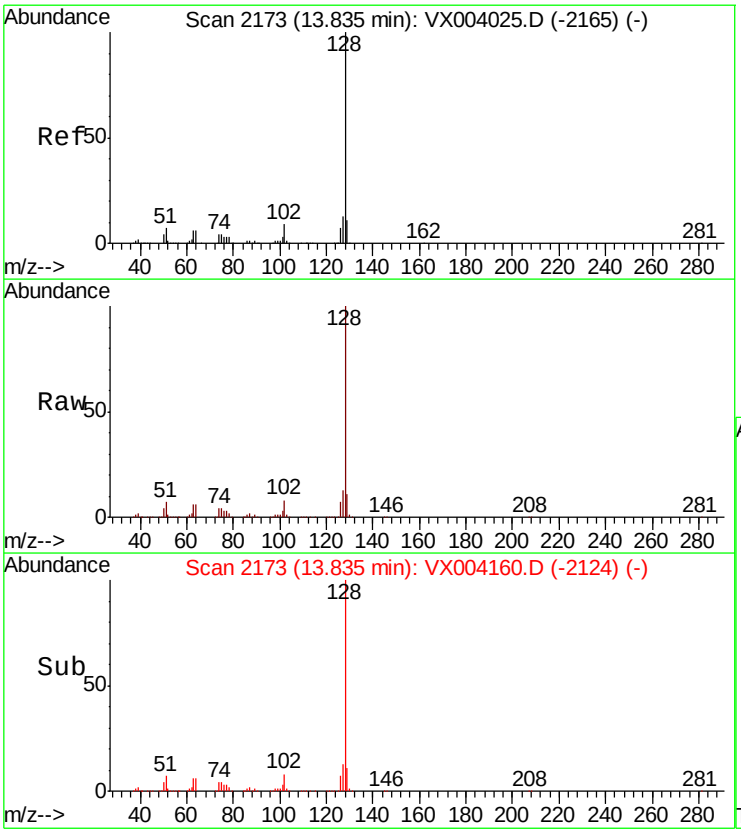
#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-081718

Tgt Ion:105 Resp: 5607

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.1	69.2





#95
Naphthalene
Concen: 24.39 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004160.D
Acq: 20 Aug 2018 18:28

Tgt Ion:128 Resp: 393774

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2