Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090618\
Data File : VX004392.D
Acq On : 06 Sep 2018 18:26
Operator : JC/MD
Sample : J4793-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Quant Time: Sep 07 04:47:29 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	5.67	168	290093	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	469167	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	463708	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248700	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	201791	53.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.74%				
35) Dibromofluoromethane	5.50	113	180747	51.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.58%				
50) Toluene-d8	8.72	98	675165	51.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.50%				
62) 4-Bromofluorobenzene	11.14	95	238526	48.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.04%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	841	0.52	ug/l	#	61
5) Bromomethane	1.64	94	879	Below Cal			90
6) Chloroethane	1.58	64	7279	3.34	ug/l	#	60
10) Methyl Iodide	2.51	142	171	4.31	ug/l	#	1
11) Tert butyl alcohol	3.07	59	2804	3.48	ug/l	#	85
13) Acrolein	2.29	56	628	3.23	ug/l	#	20
16) Acetone	2.45	43	70149	38.62	ug/l		97
17) Carbon Disulfide	2.57	76	3028	1.15	ug/l		99
18) Methyl Acetate	2.78	43	13362	2.38	ug/l		99
20) Methylene Chloride	2.85	84	60569	16.64	ug/l		96
25) 2-Butanone	4.71	43	8146	0.37	ug/l		97
29) Tetrahydrofuran	5.17	42	2515	1.55	ug/l		96
30) Chloroform	5.21	83	1522	0.25	ug/l		95
36) 1,1-Dichloropropene	5.67	75	18914	3.59	ug/l	#	49
37) Ethyl Acetate	4.71	43	8146	1.57	ug/l	#	67
38) Carbon Tetrachloride	5.67	117	25162	5.07	ug/l	#	15
43) Isopropyl Acetate	6.46	43	212565	26.67	ug/l		100
48) Methyl methacrylate	7.69	41	11324	2.66	ug/l	#	19
51) 4-Methyl-2-Pentanone	8.65	43	2183	0.38	ug/l	#	60
52) Toluene	8.79	92	2885	0.29	ug/l		97
54) cis-1,3-Dichloropropene	8.62	75	1533	0.26	ug/l	#	74
59) 2-Hexanone	9.55	43	15085	3.41	ug/l	#	56
76) 1,2,3-Trichloropropane	11.14	75	110530	21.85	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	110530	70.90	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	6747	0.49	ug/l		99
90) Hexachloroethane	12.67	117	1162	0.57	ug/l	#	3
94) Hexachlorobutadiene	13.79	225	203	Below Cal			71
95) Naphthalene	13.83	128	1426579	87.92	ug/l		100

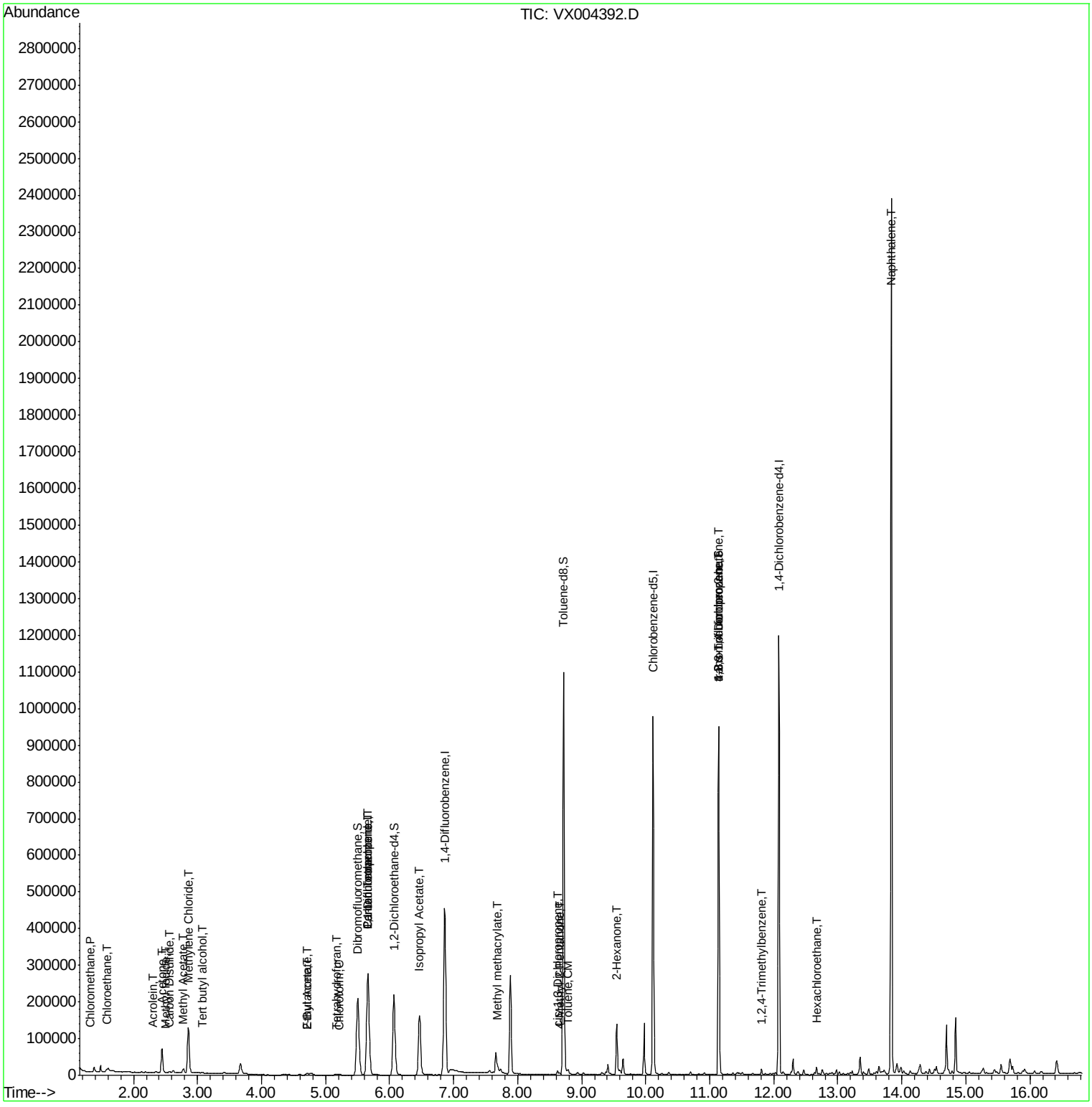
(#) = qualifier out of range (m) = manual integration (+) = signals summed

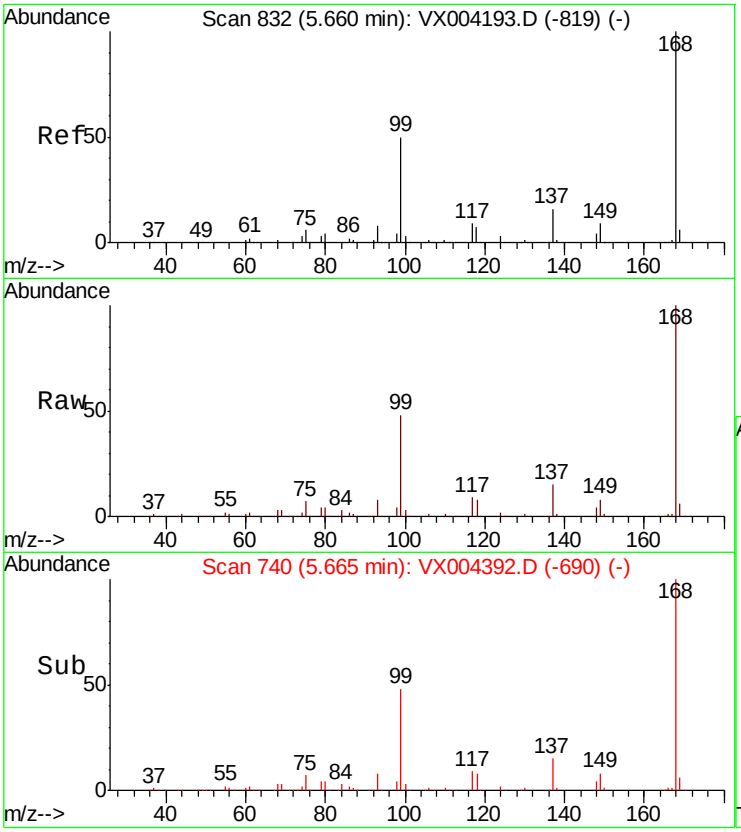
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
Data File : VX004392.D
Acq On : 06 Sep 2018 18:26
Operator : JC/MD
Sample : J4793-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Quant Time: Sep 07 04:47:29 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



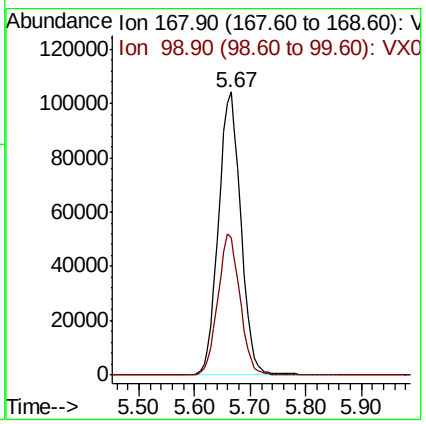


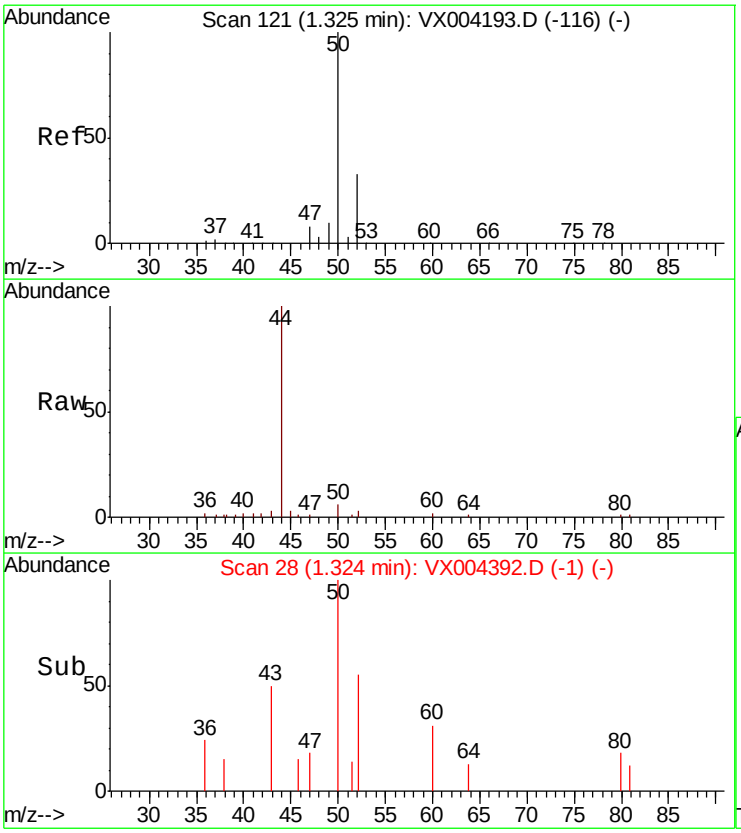
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion:168 Resp: 290093

Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.9	59.9

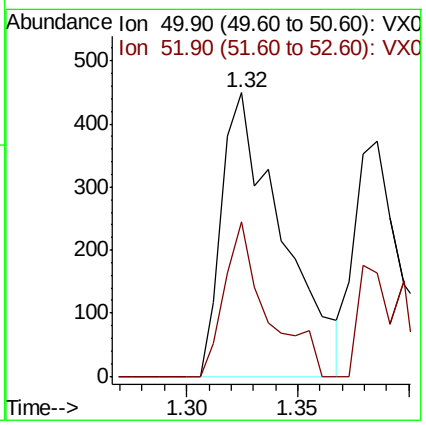


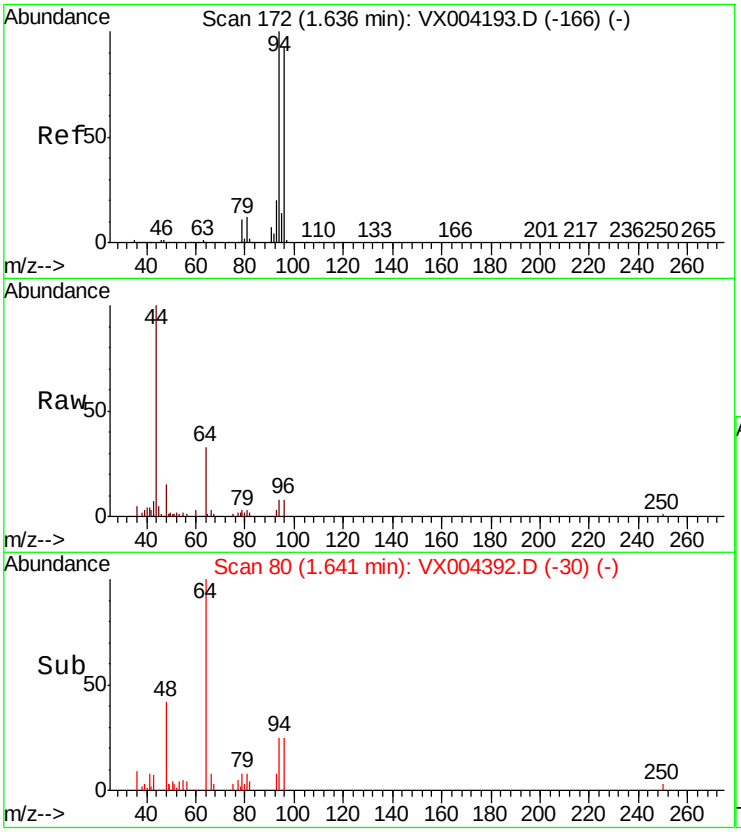


#3
Chloromethane
Concen: 0.52 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 50 Resp: 841

Ion	Ratio	Lower	Upper
50	100		
52	54.6	26.2	39.2#



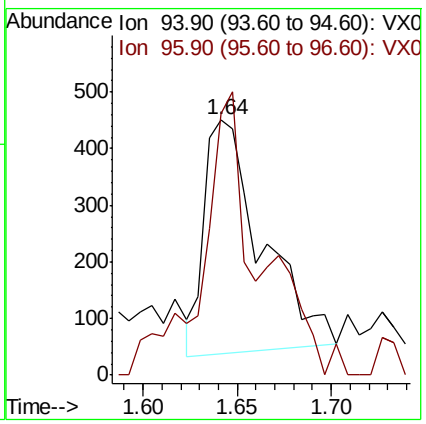


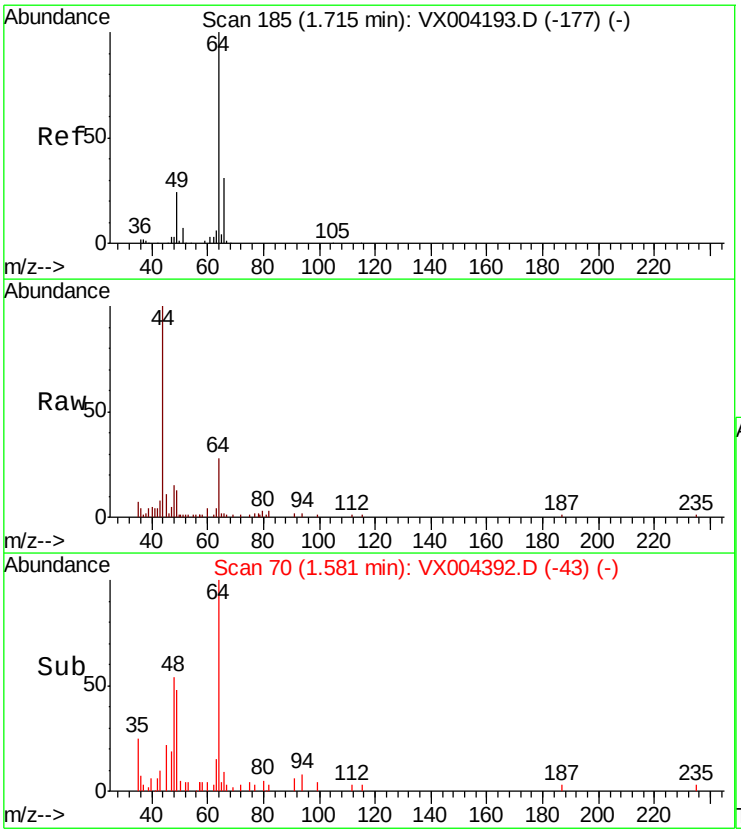
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 94 Resp: 879

Ion	Ratio	Lower	Upper
94	100		
96	102.8	74.5	111.7

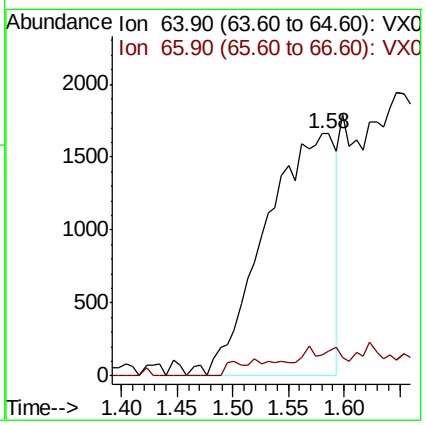


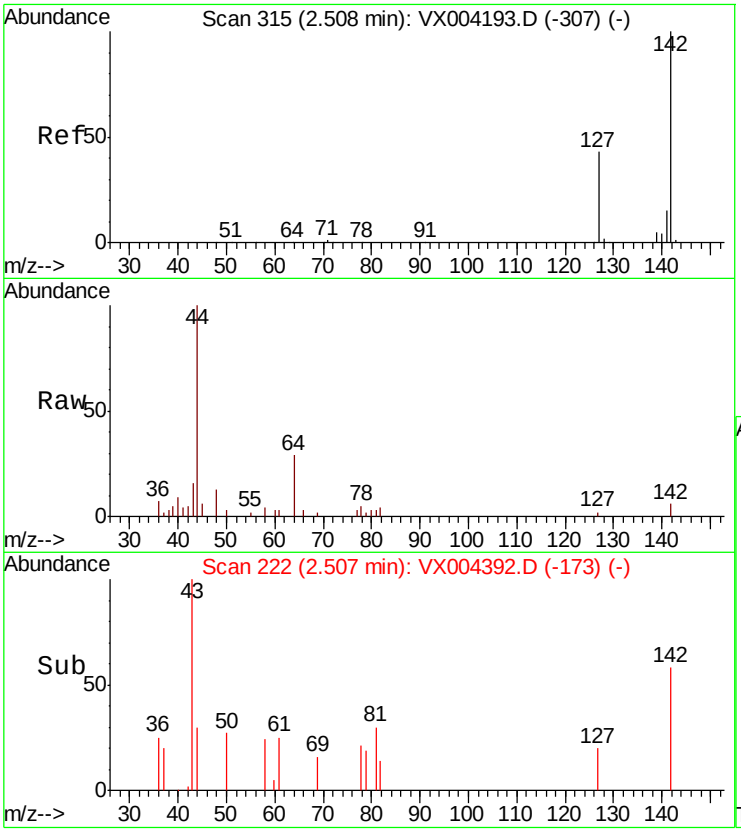


#6
Chloroethane
Concen: 3.34 ug/l
RT: 1.58 min Scan# 70
Delta R.T. -0.13 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 64 Resp: 7279

Ion	Ratio	Lower	Upper
64	100		
66	8.6	24.6	36.8#



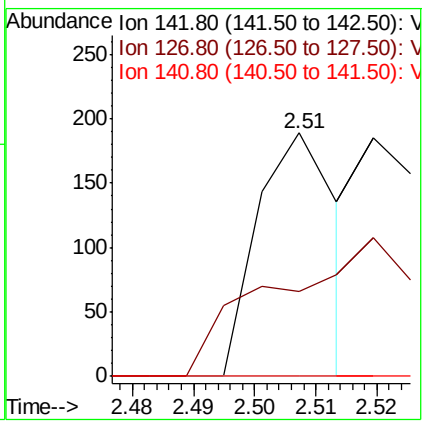


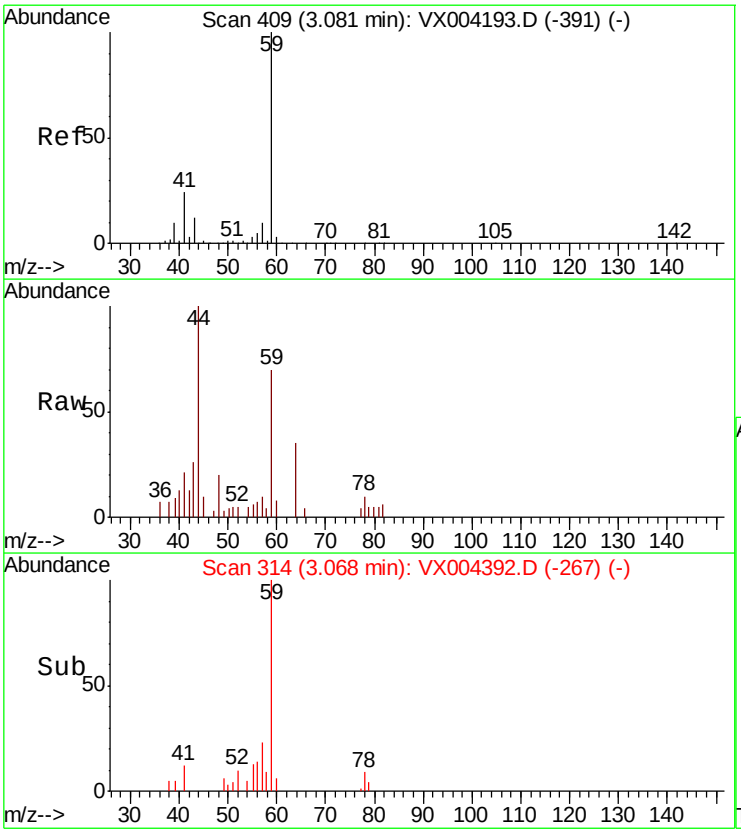
#10
Methyl Iodide
Concen: 4.31 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion:142 Resp: 171

Ion	Ratio	Lower	Upper
142	100		
127	143.3	33.8	50.6#
141	0.0	11.4	17.0#

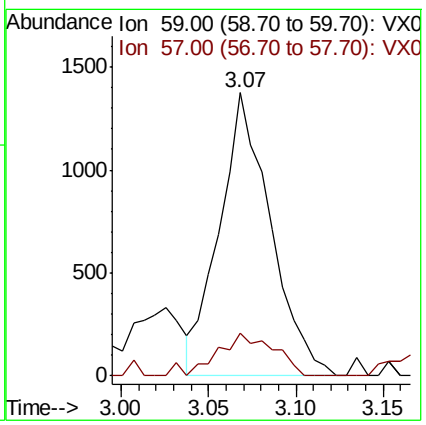


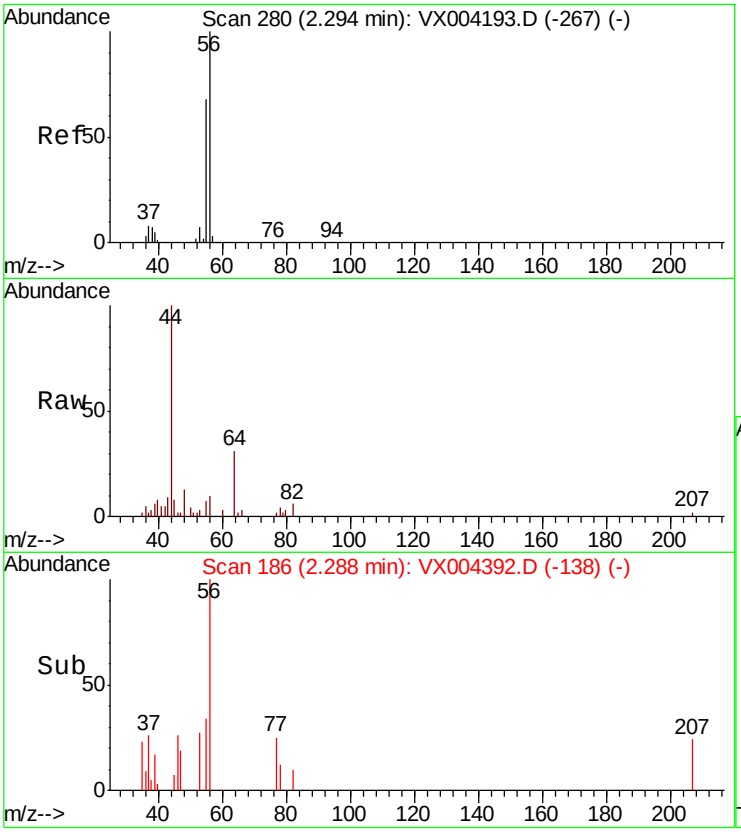


#11
Tert butyl alcohol
Concen: 3.48 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 59 Resp: 2804

Ion	Ratio	Lower	Upper
59	100		
57	16.0	8.2	12.4#



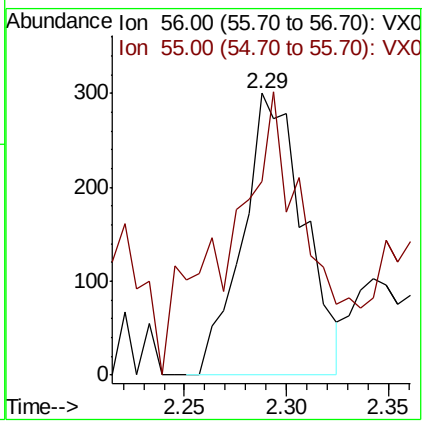


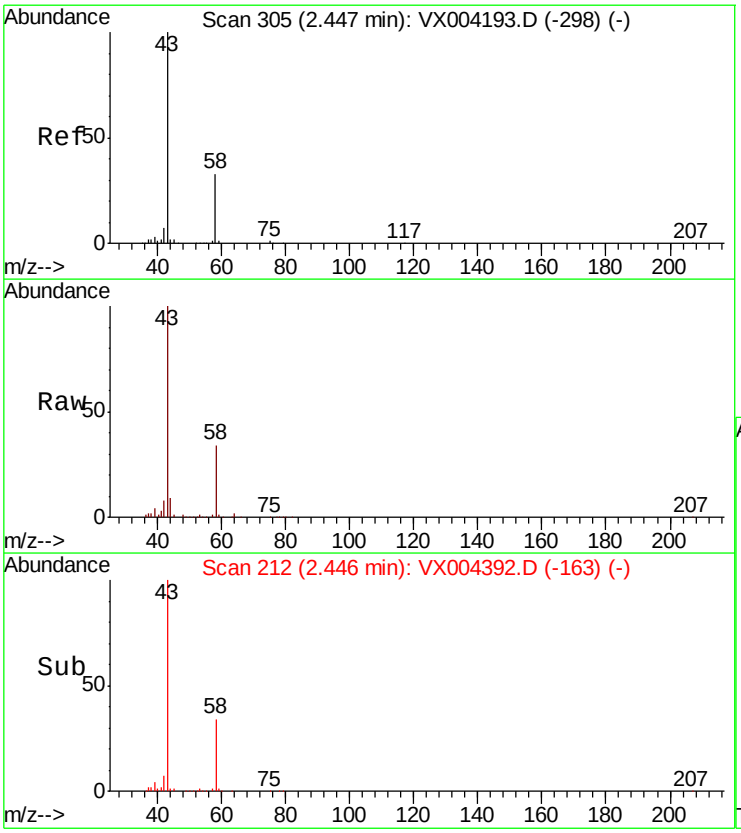
#13
Acrolein
Concen: 3.23 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 56 Resp: 628

Ion	Ratio	Lower	Upper
56	100		
55	133.4	54.7	82.1#

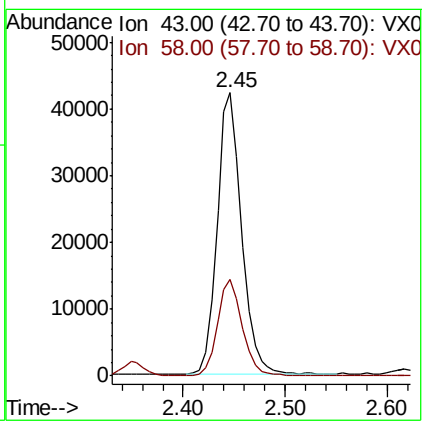


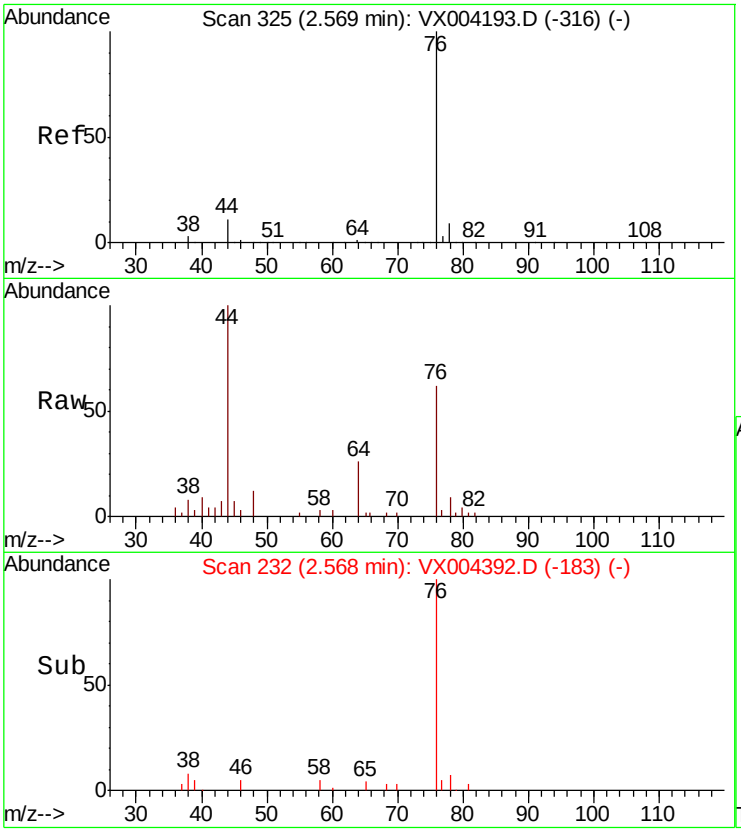


#16
Acetone
Concen: 38.62 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 43 Resp: 70149

Ion	Ratio	Lower	Upper
43	100		
58	34.5	26.2	39.4



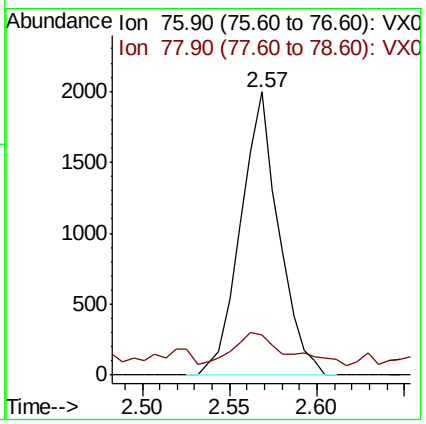


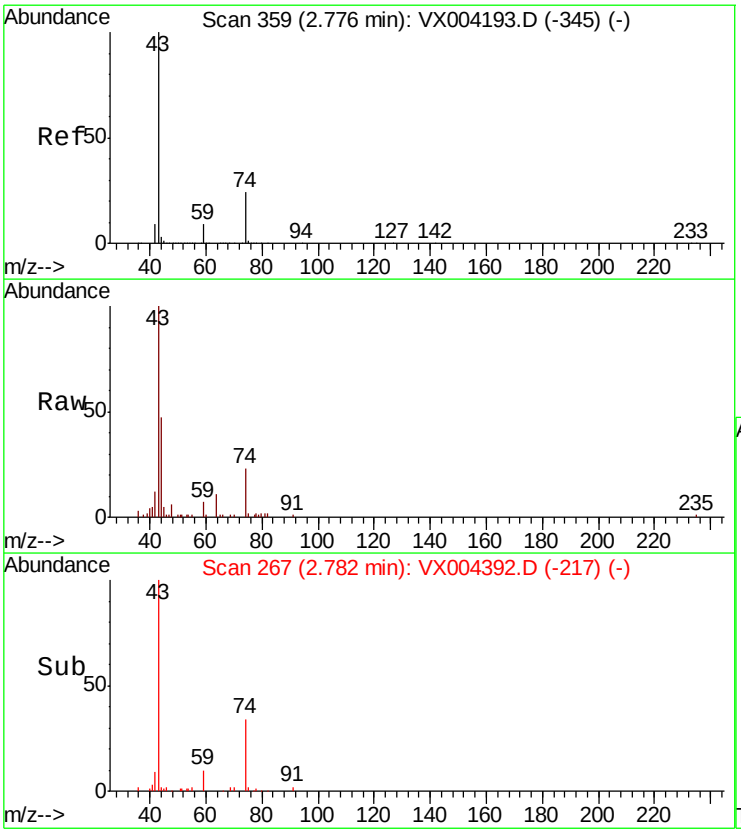
#17
Carbon Disulfide
Concen: 1.15 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 76 Resp: 3028

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

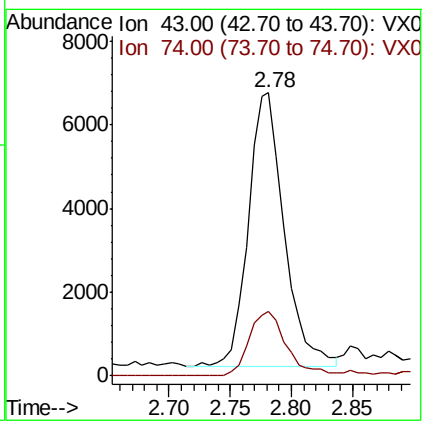


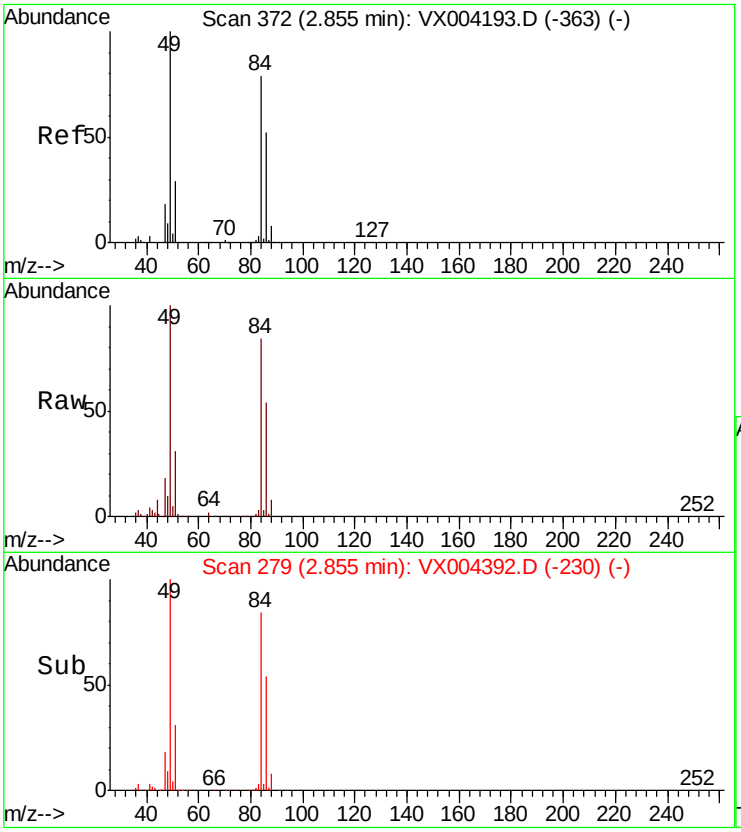


#18
Methyl Acetate
Concen: 2.38 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 43 Resp: 13362

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.4	29.2



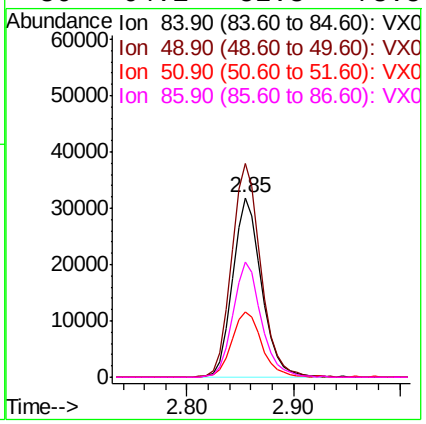


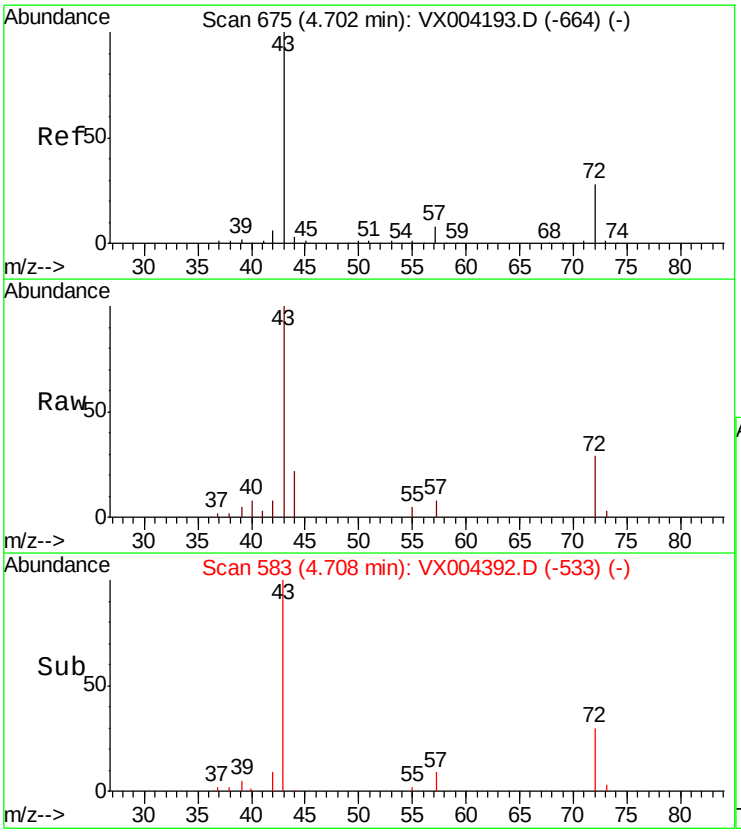
#20
Methylene Chloride
Concen: 16.64 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion: 84 Resp: 60569

Ion	Ratio	Lower	Upper
84	100		
49	119.0	101.2	151.8
51	36.6	29.5	44.3
86	64.1	52.3	78.5

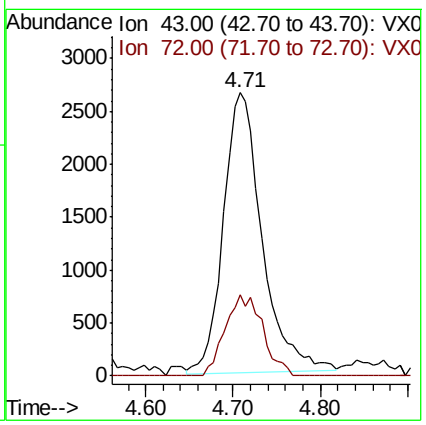


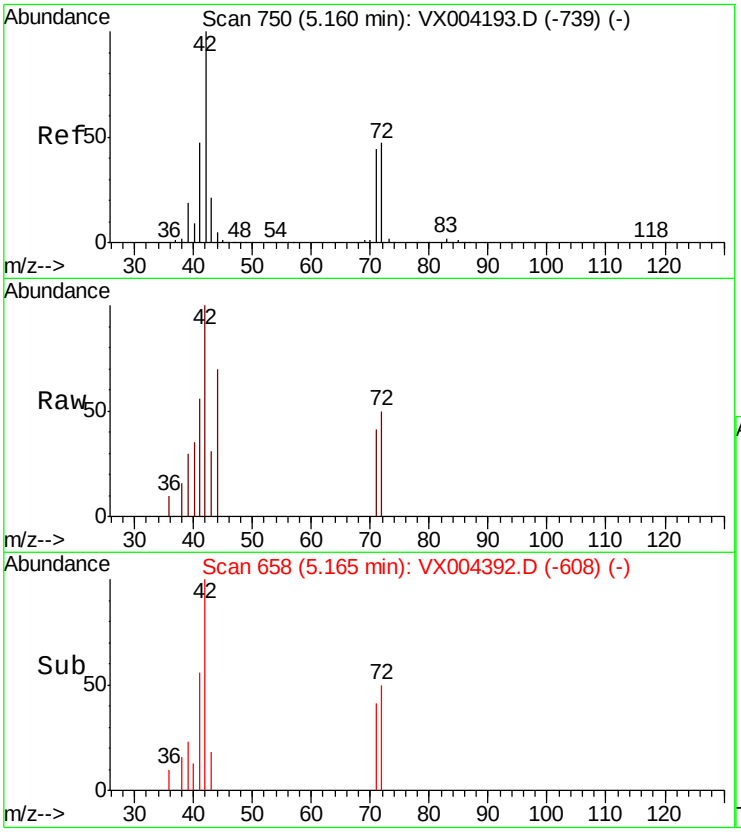


#25
2-Butanone
Concen: 0.37 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 43 Resp: 8146

Ion	Ratio	Lower	Upper
43	100		
72	29.2	22.0	33.0



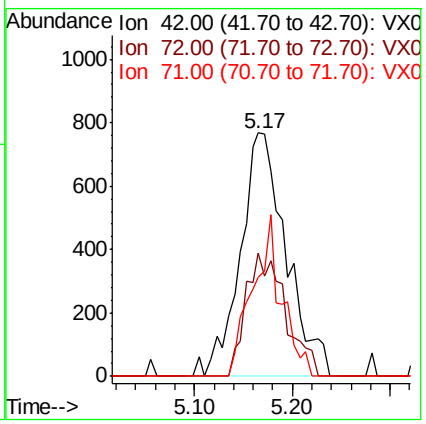


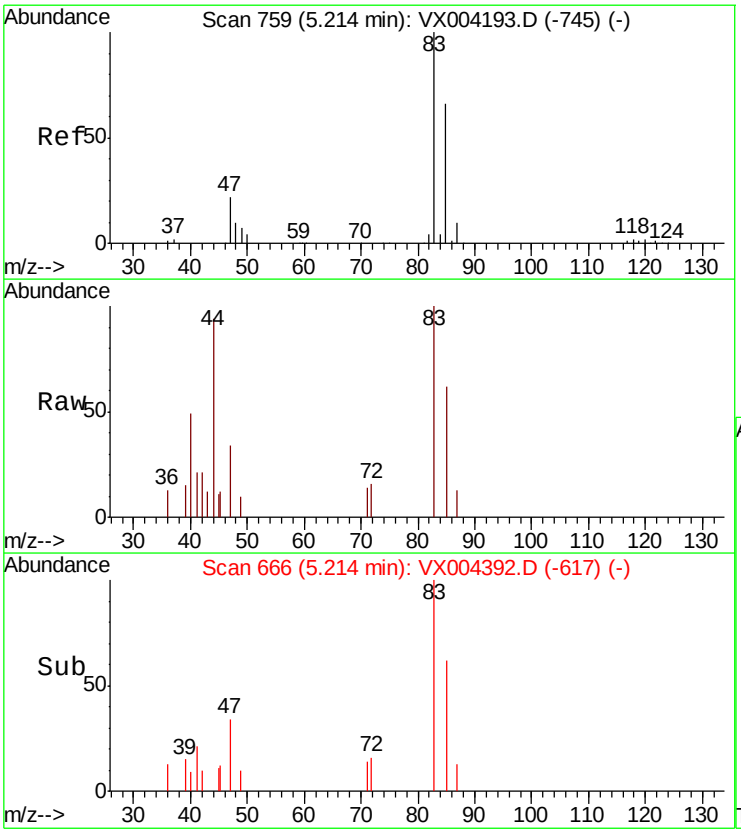
#29
Tetrahydrofuran
Concen: 1.55 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion: 42 Resp: 2515

Ion	Ratio	Lower	Upper
42	100		
72	43.6	37.4	56.0
71	41.6	34.5	51.7

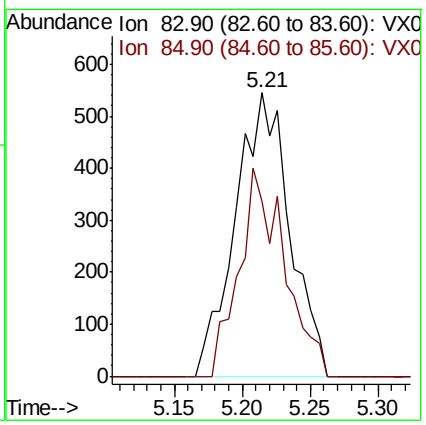


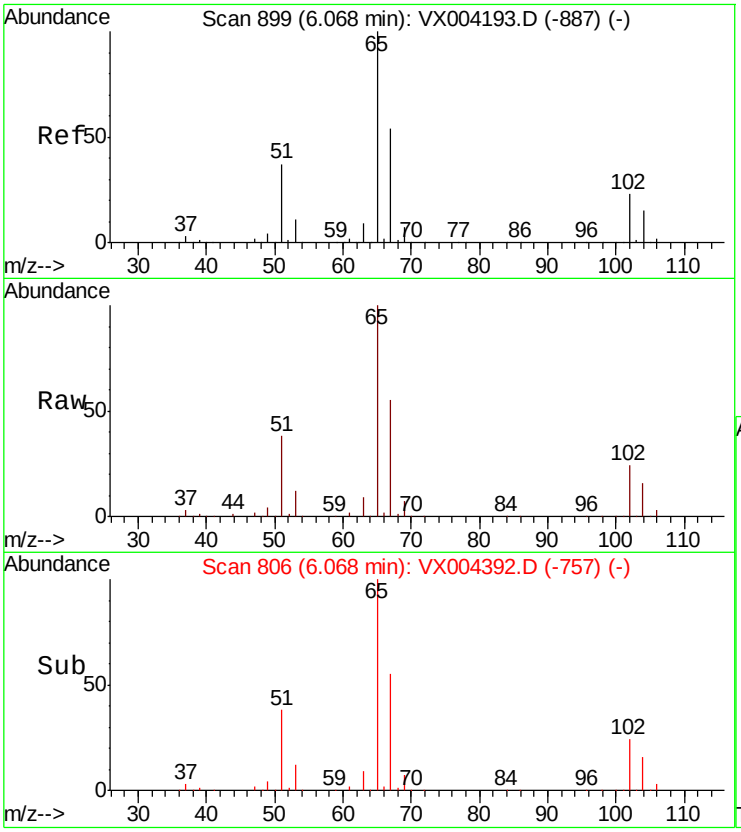


#30
Chloroform
Concen: 0.25 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 83 Resp: 1522

Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.6	79.0



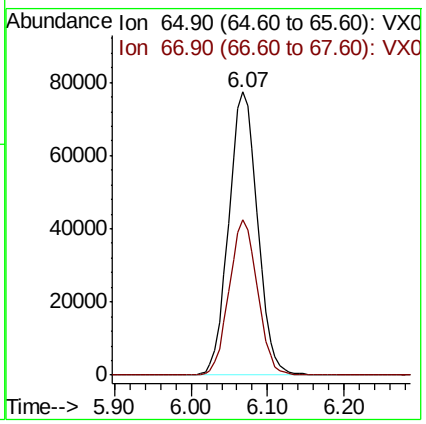


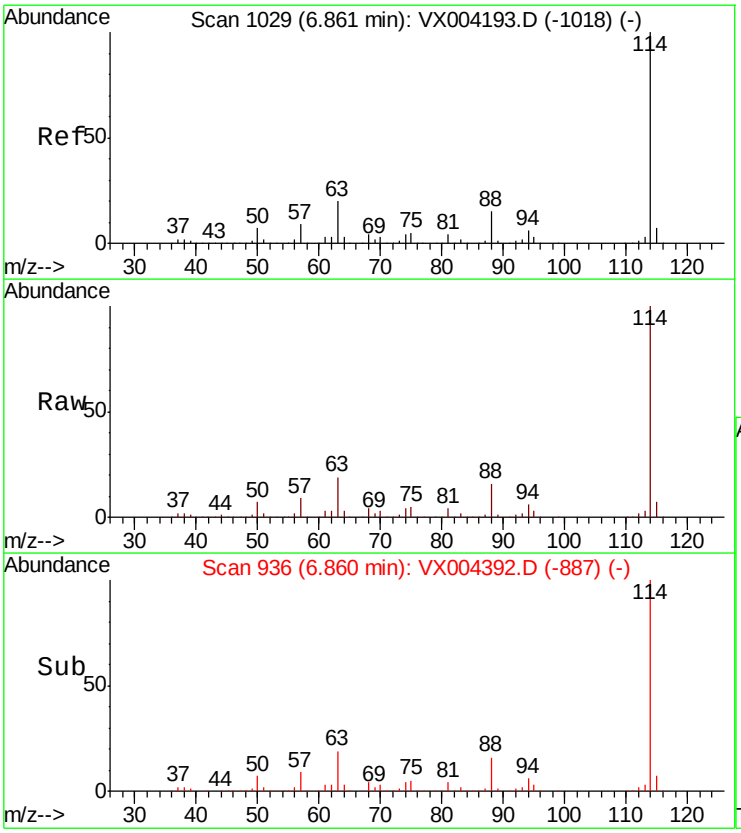
#33
1,2-Dichloroethane-d4
Concen: 53.37 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 65 Resp: 201791

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8

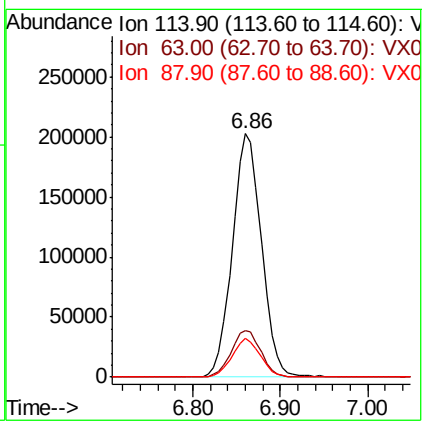


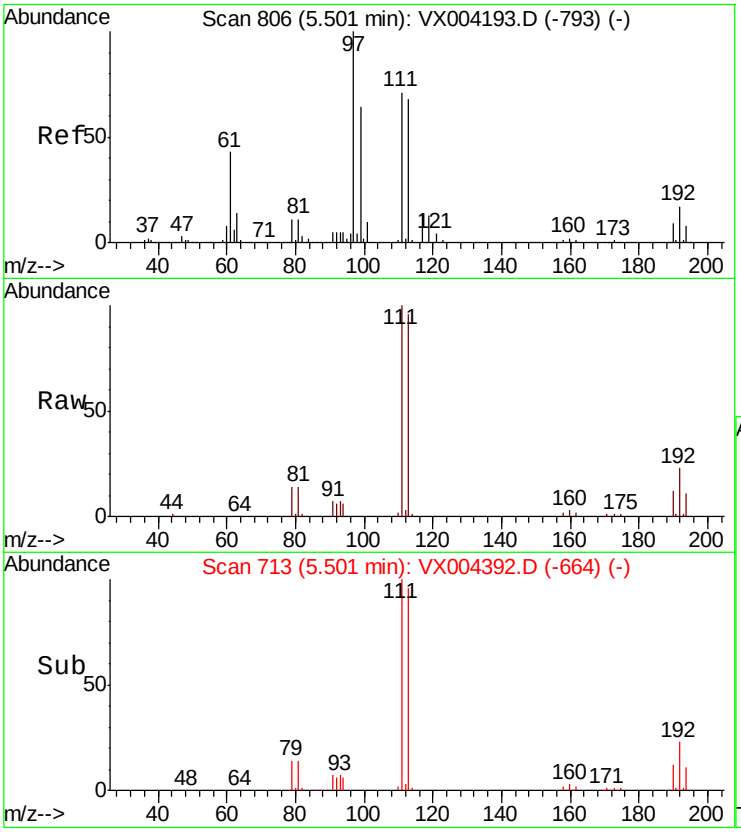


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion:114 Resp: 469167

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.8	0.0	30.4



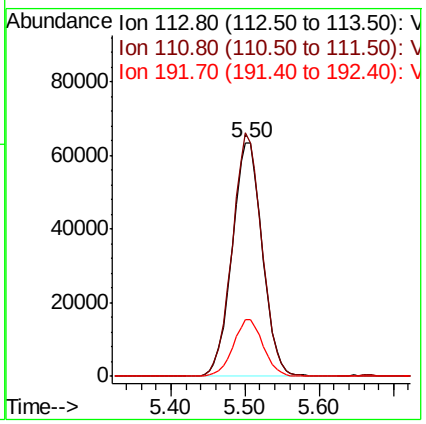


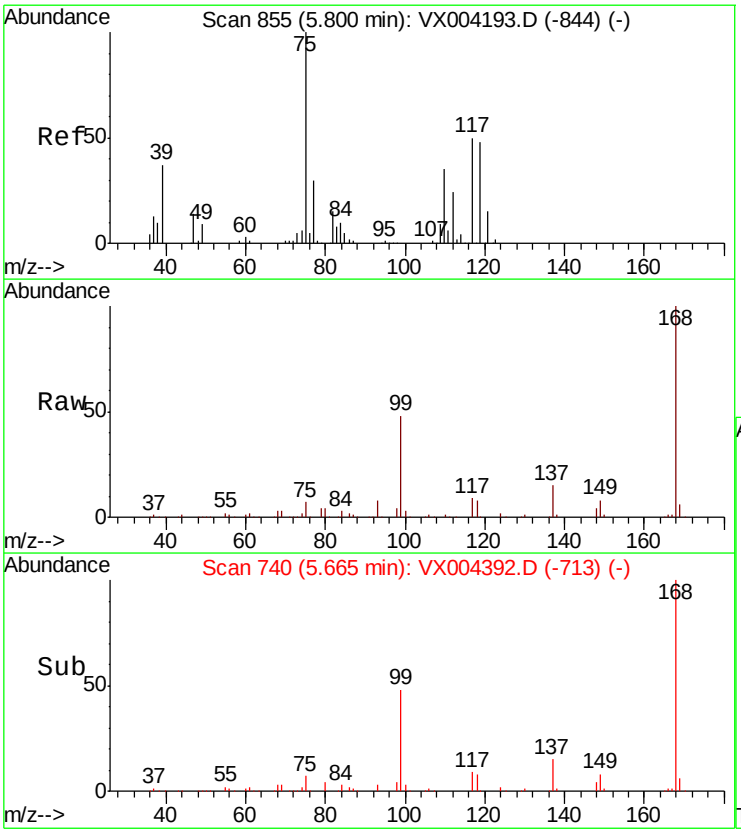
#35
Dibromofluoromethane
Concen: 51.79 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion:113 Resp: 180747

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	24.1	19.4	29.2

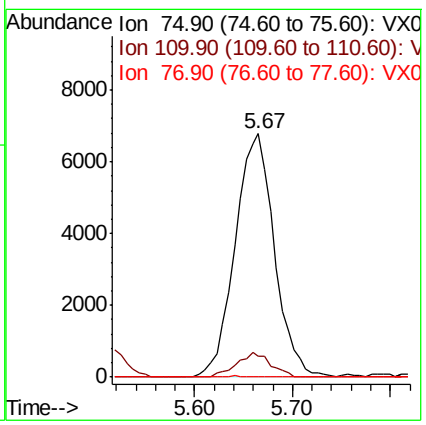


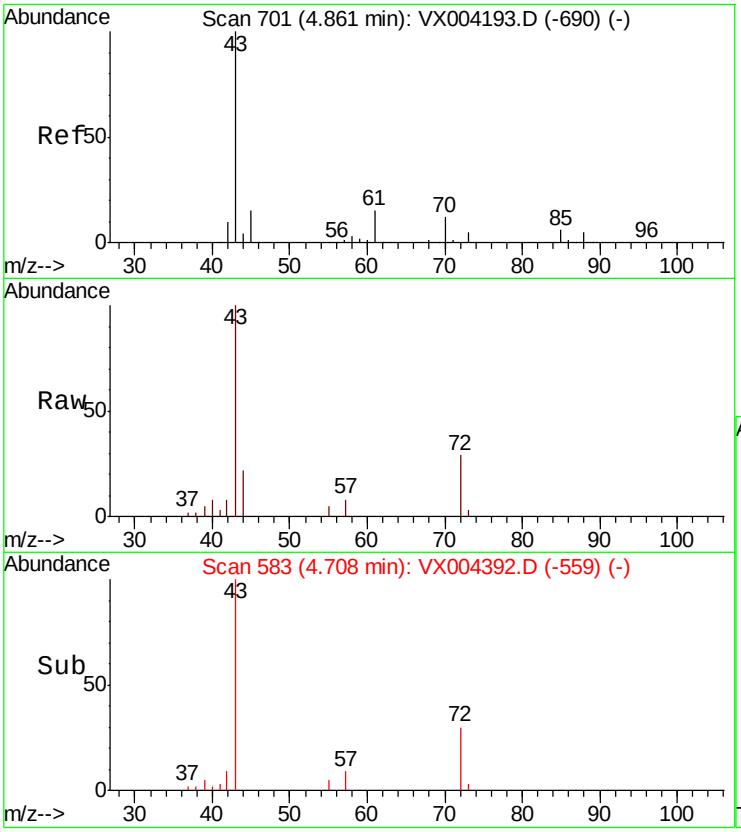


#36
1,1-Dichloropropene
Concen: 3.59 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 75 Resp: 18914

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



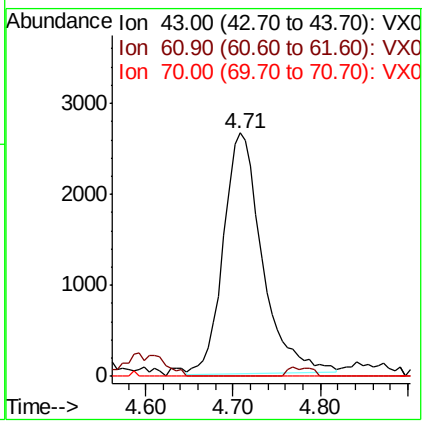


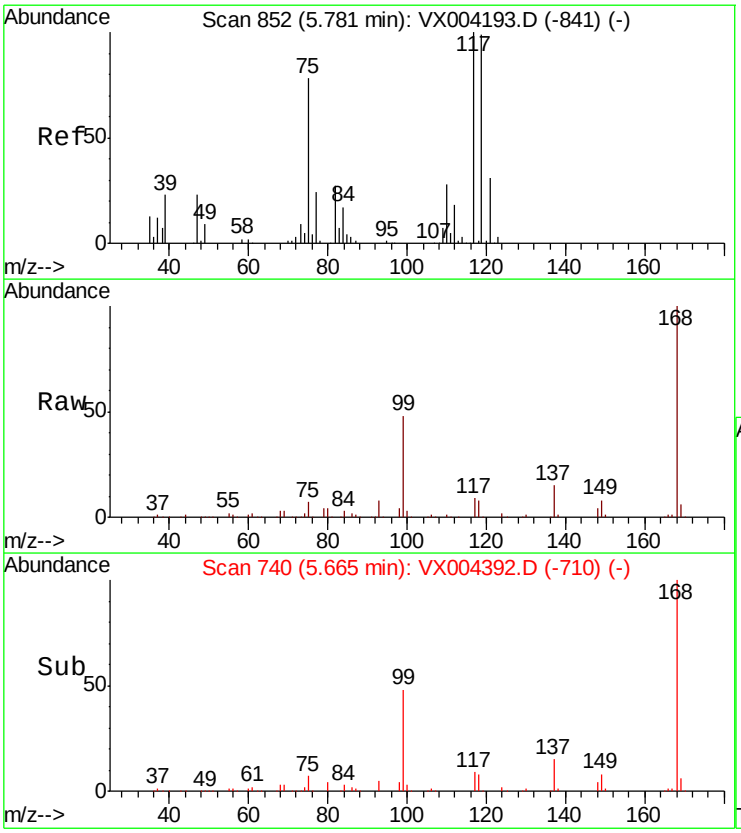
#37
Ethyl Acetate
Concen: 1.57 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion: 43 Resp: 8146

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

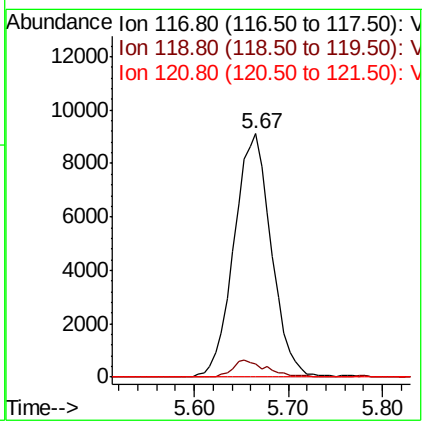


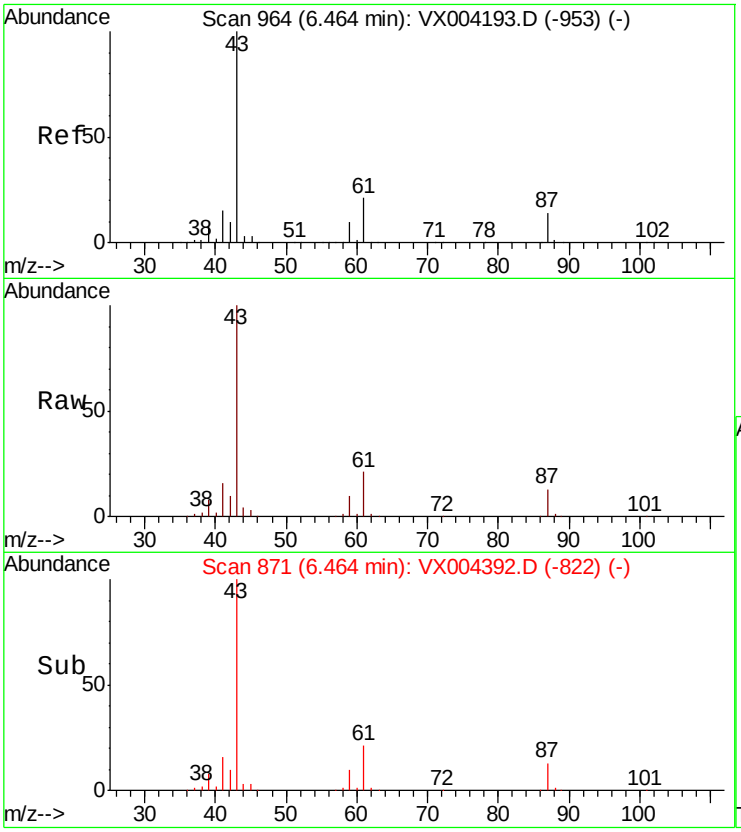


#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion:117 Resp: 25162

Ion	Ratio	Lower	Upper
117	100		
119	5.7	78.8	118.2#
121	0.0	24.9	37.3#



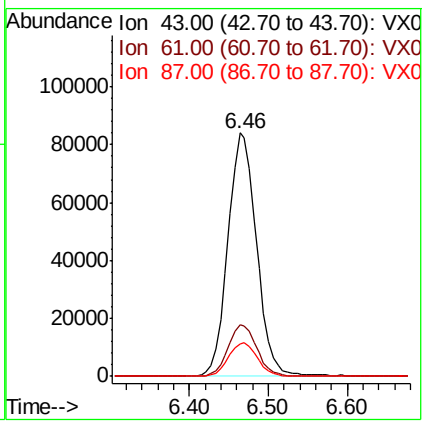


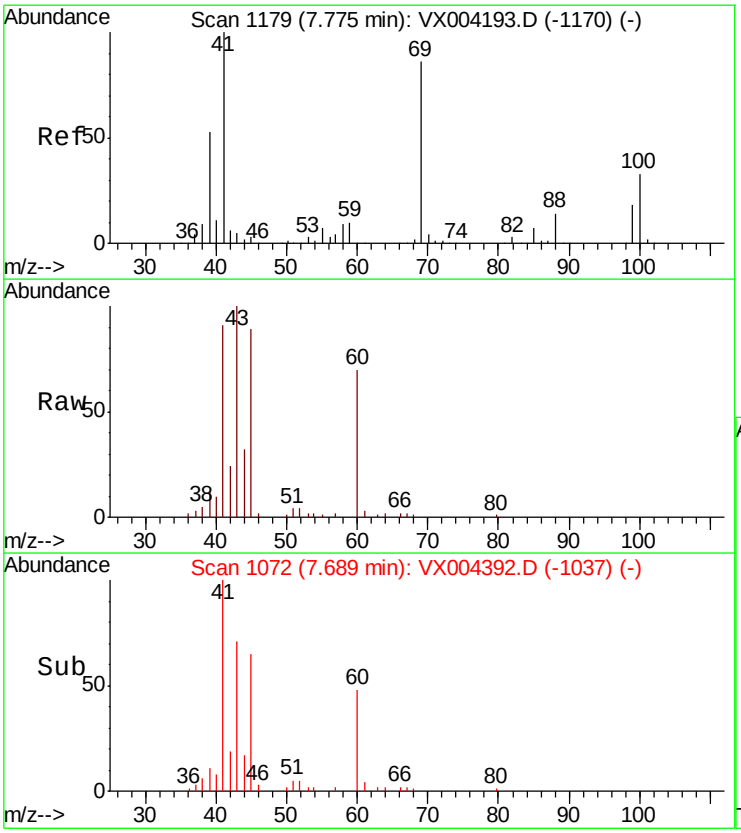
#43
Isopropyl Acetate
Concen: 26.67 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 43 Resp: 212565

Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	14.2	11.4	17.2

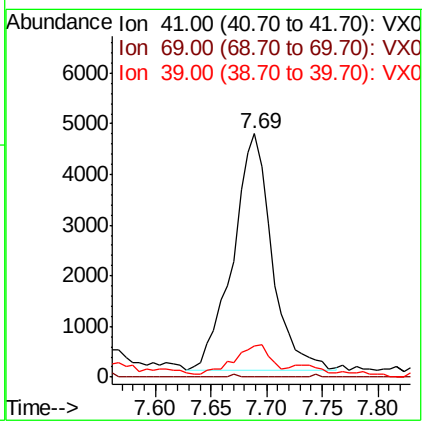


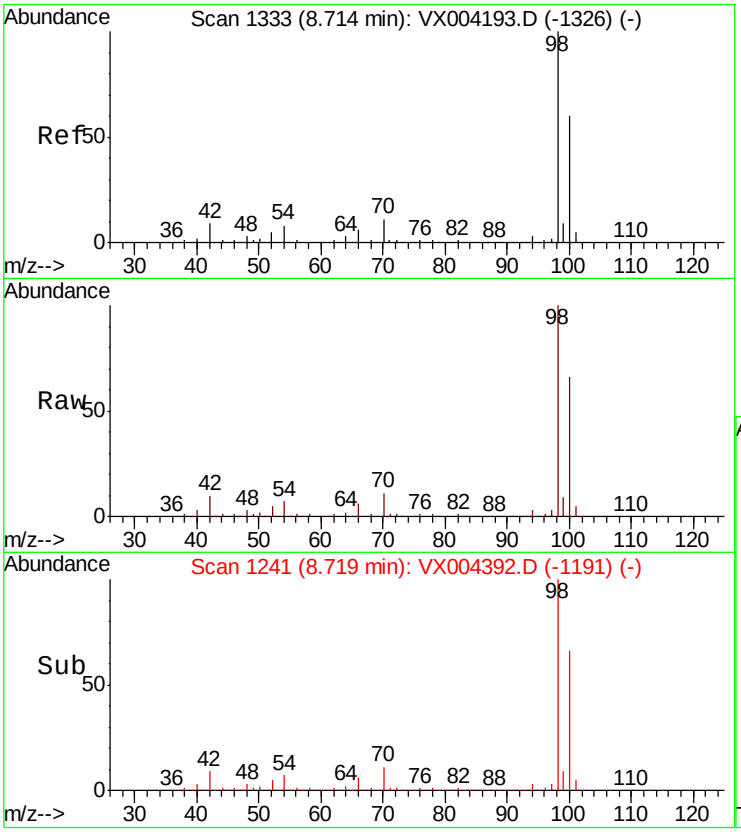


#48
Methyl methacrylate
Concen: 2.66 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 41 Resp: 11324

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	10.9	42.7	64.1#



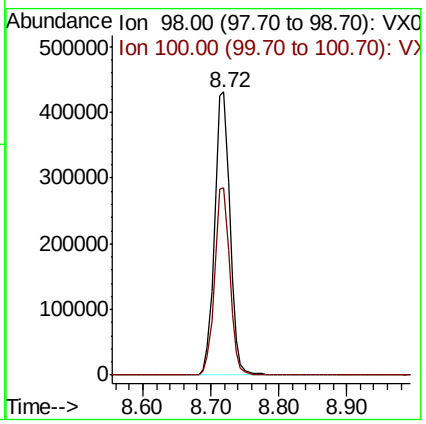


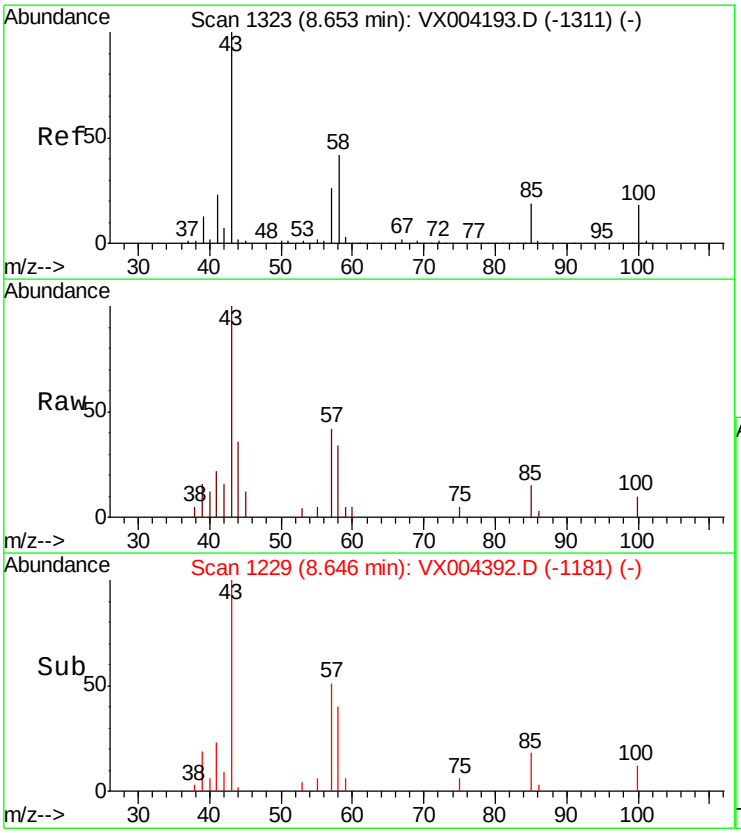
#50
Toluene-d8
Concen: 51.25 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 98 Resp: 675165

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3

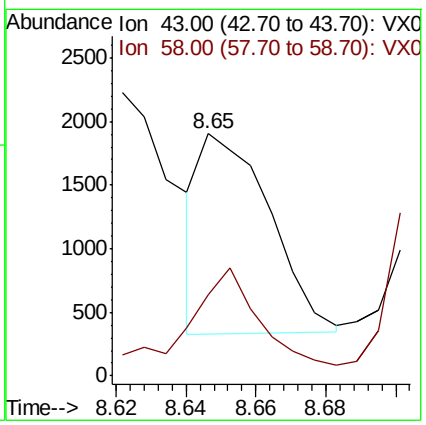


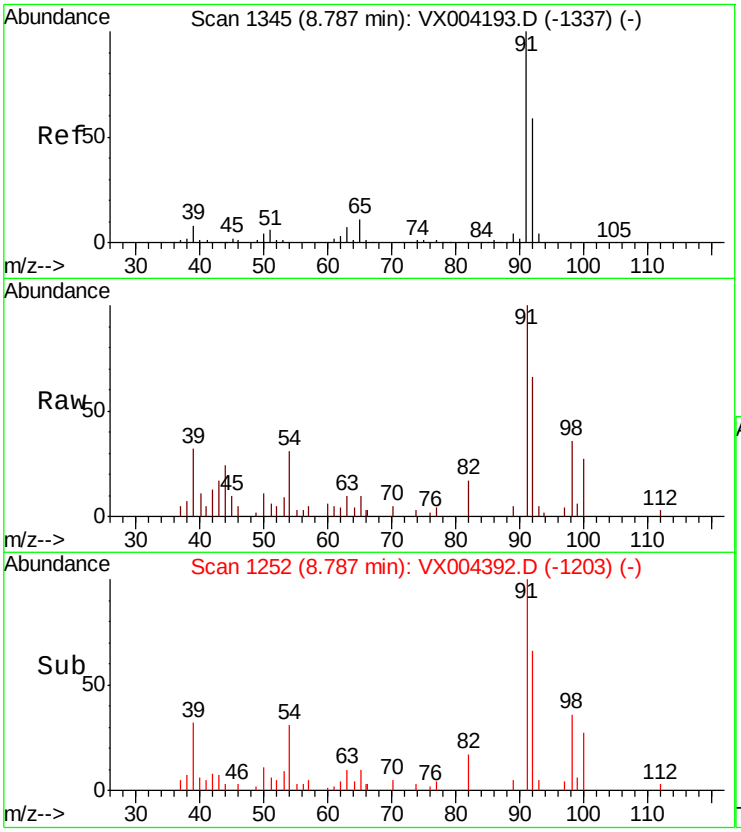


#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 43 Resp: 2183

Ion	Ratio	Lower	Upper
43	100		
58	66.6	33.1	49.7#



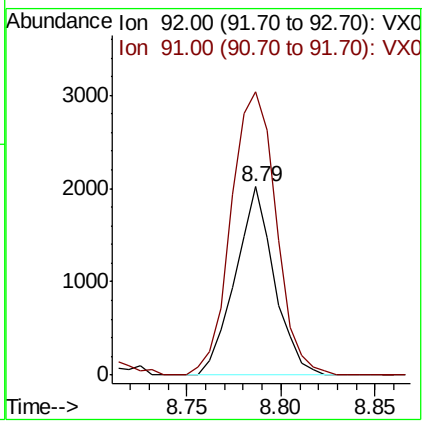


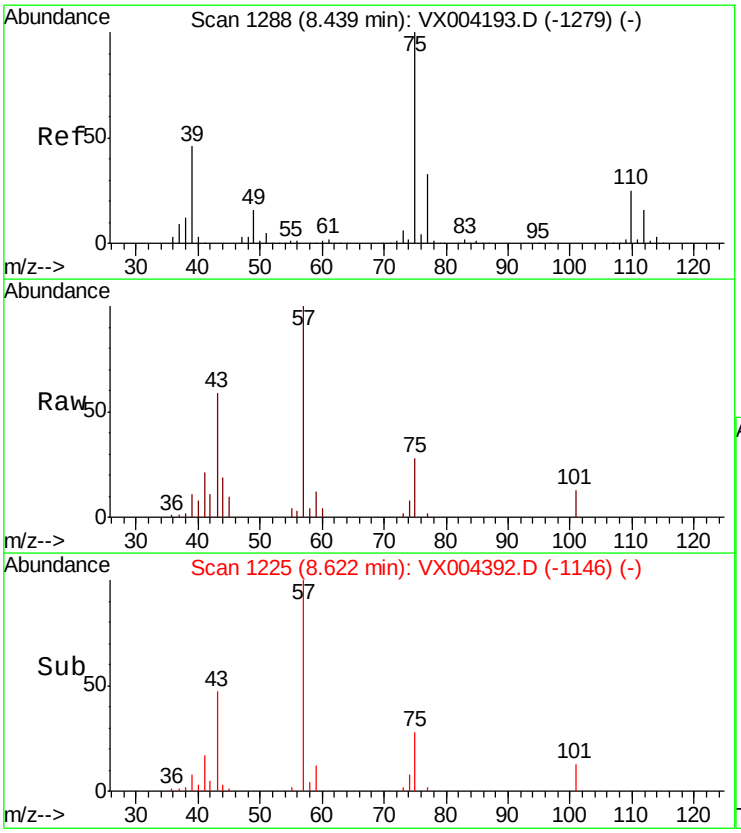
#52
Toluene
Concen: 0.29 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion: 92 Resp: 2885

Ion	Ratio	Lower	Upper
92	100		
91	174.3	136.4	204.6

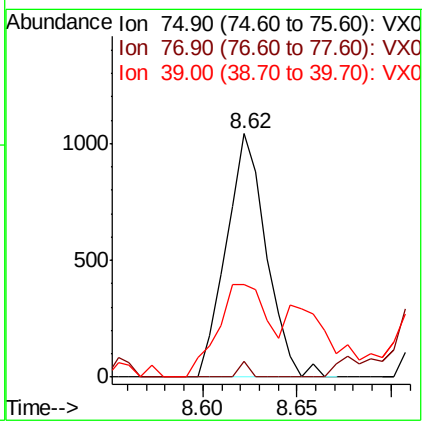


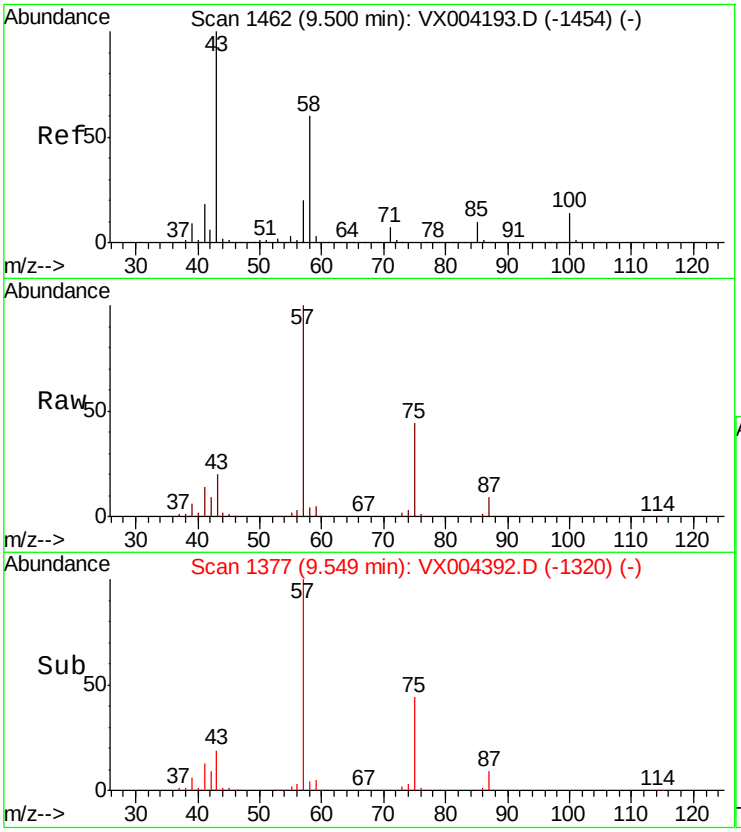


#54
cis-1,3-Dichloropropene
Concen: 0.26 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 75 Resp: 1533

Ion	Ratio	Lower	Upper
75	100		
77	6.3	26.2	39.2#
39	38.3	36.4	54.6



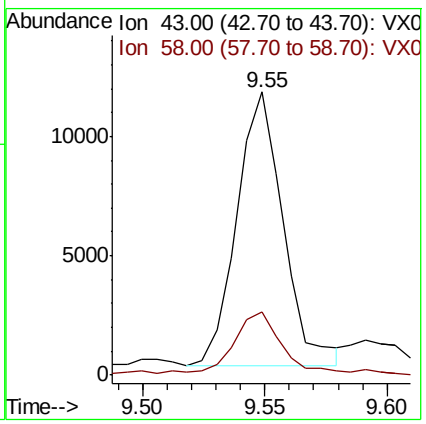


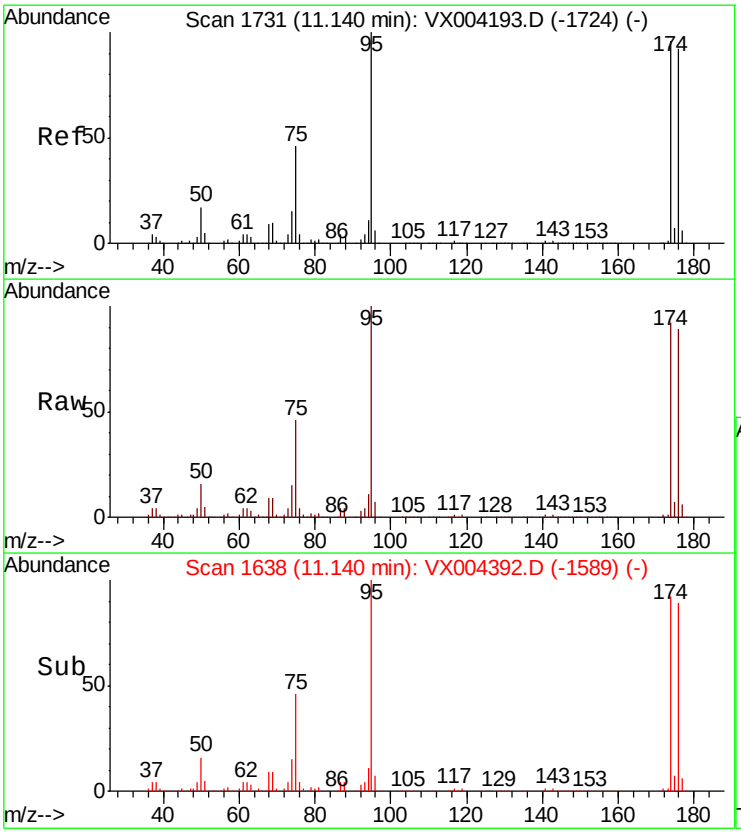
#59
2-Hexanone
Concen: 3.41 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 43 Resp: 15085

Ion	Ratio	Lower	Upper
43	100		
58	25.2	29.0	87.0#

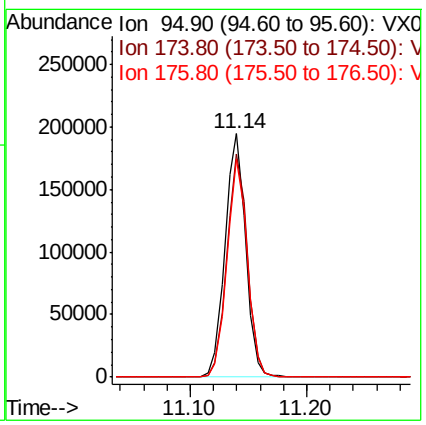


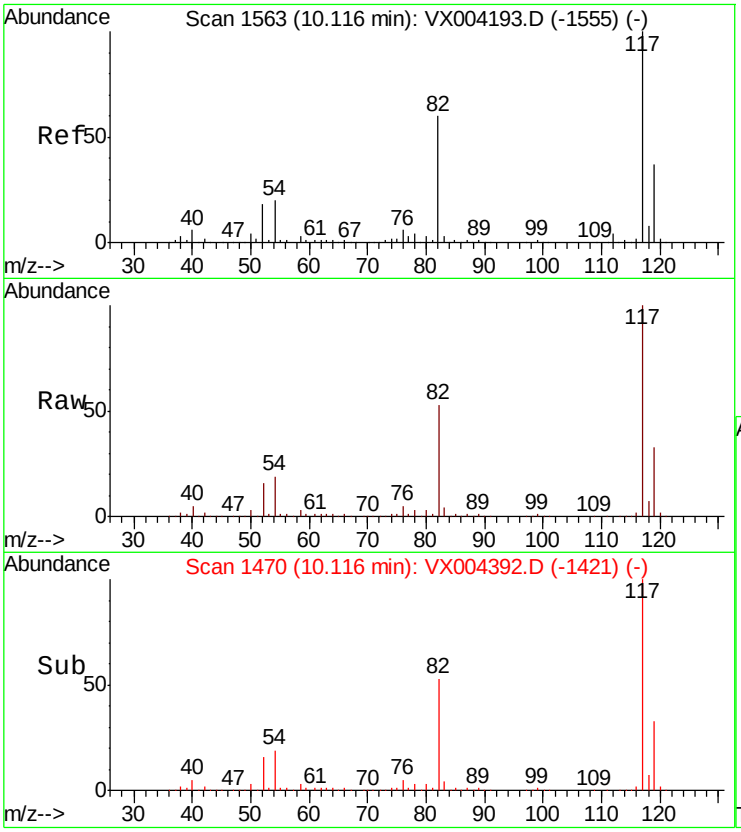


#62
4-Bromofluorobenzene
Concen: 48.52 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 95 Resp: 238526

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	185.2
176	88.7	0.0	178.6



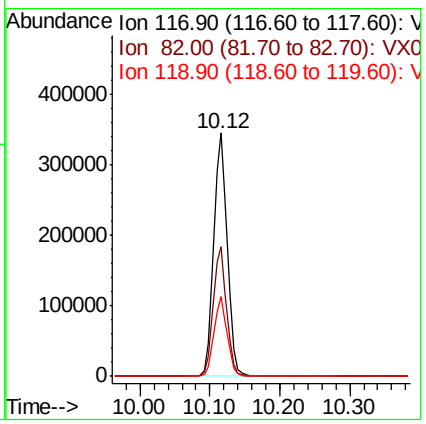


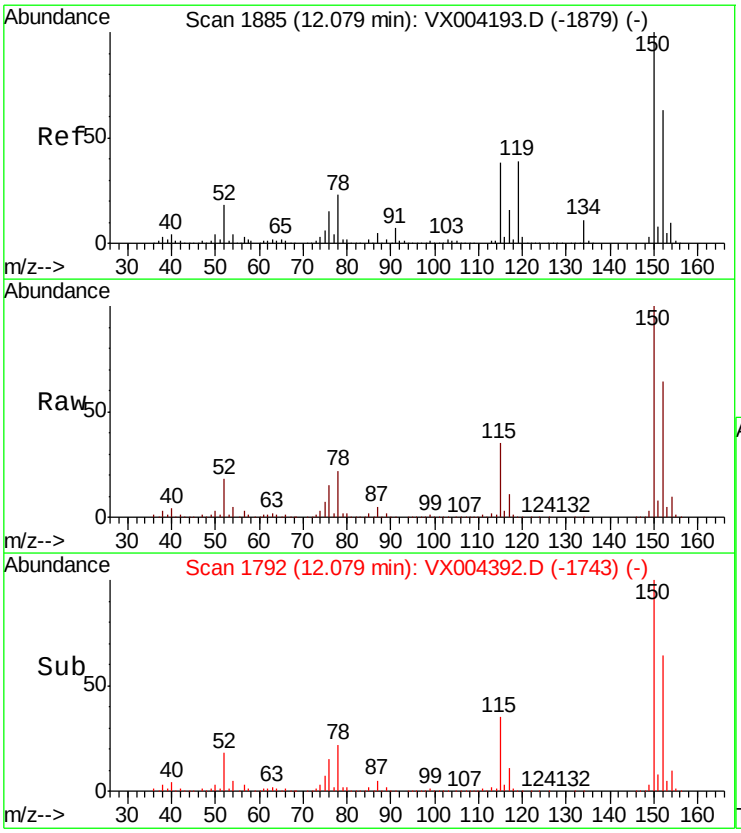
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion:117 Resp: 463708

Ion	Ratio	Lower	Upper
117	100		
82	53.2	47.8	71.6
119	32.8	29.3	43.9

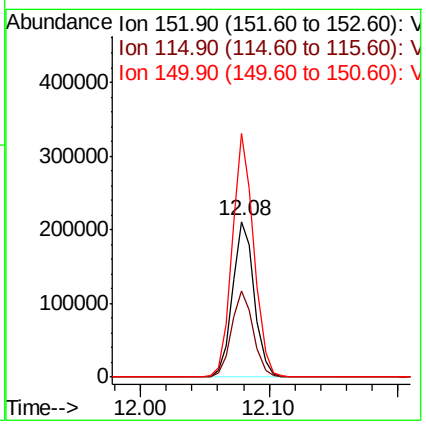


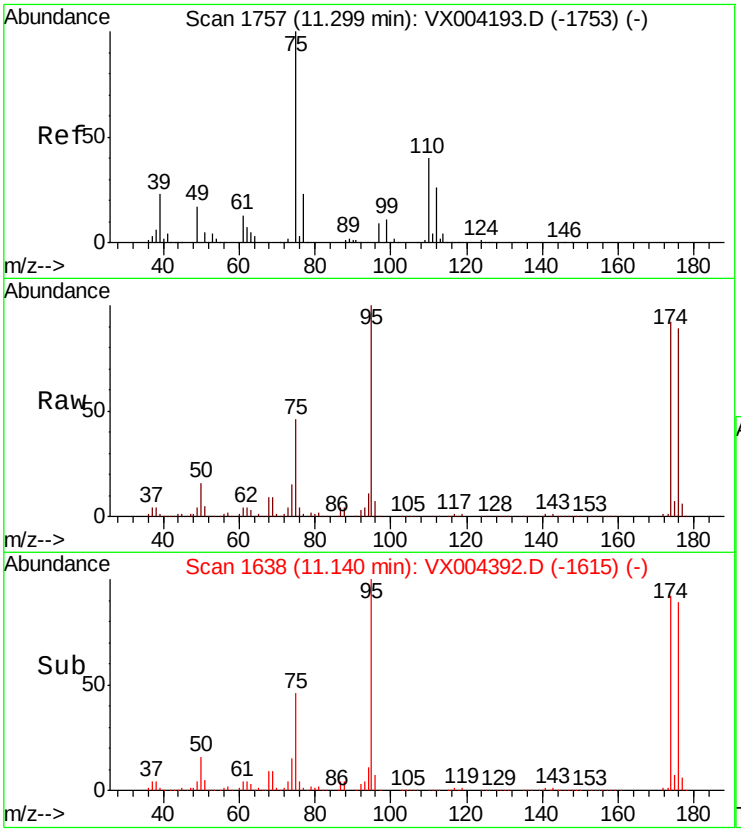


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion:152 Resp: 248700

Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.0	117.0
150	154.6	0.0	351.0



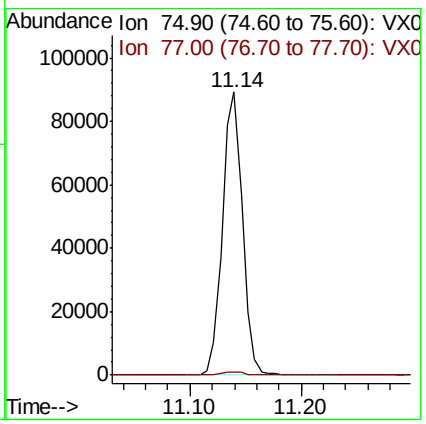


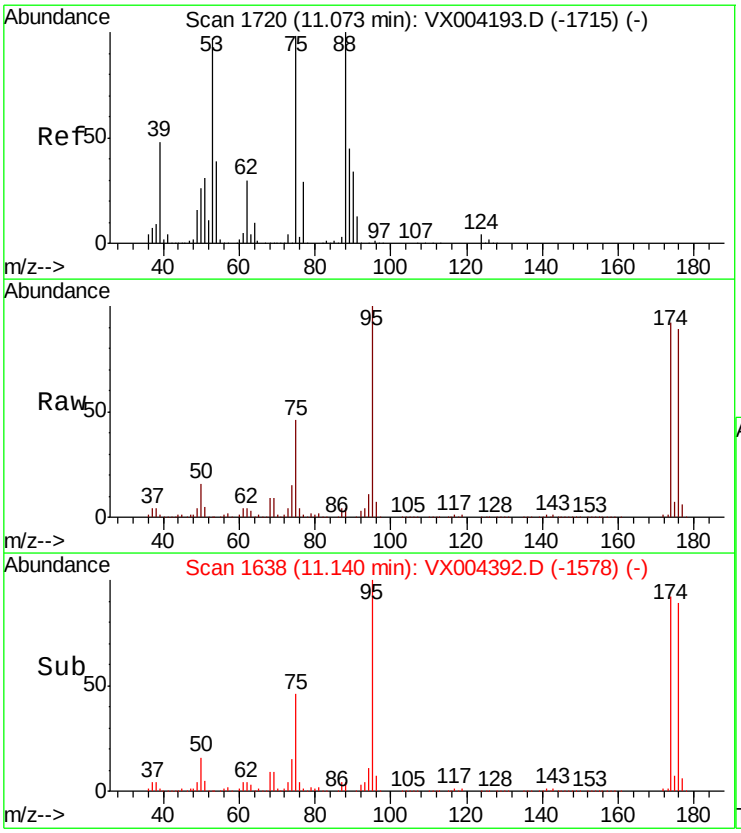
#76
1,2,3-Trichloropropane
Concen: 21.85 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion: 75 Resp: 110530

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

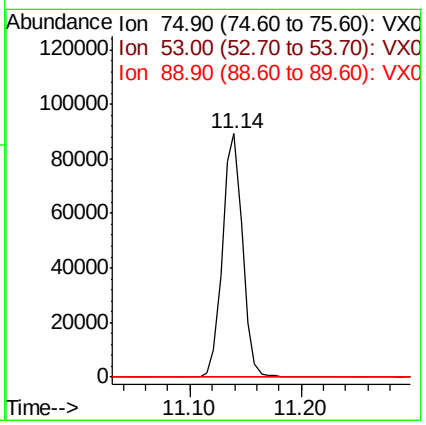


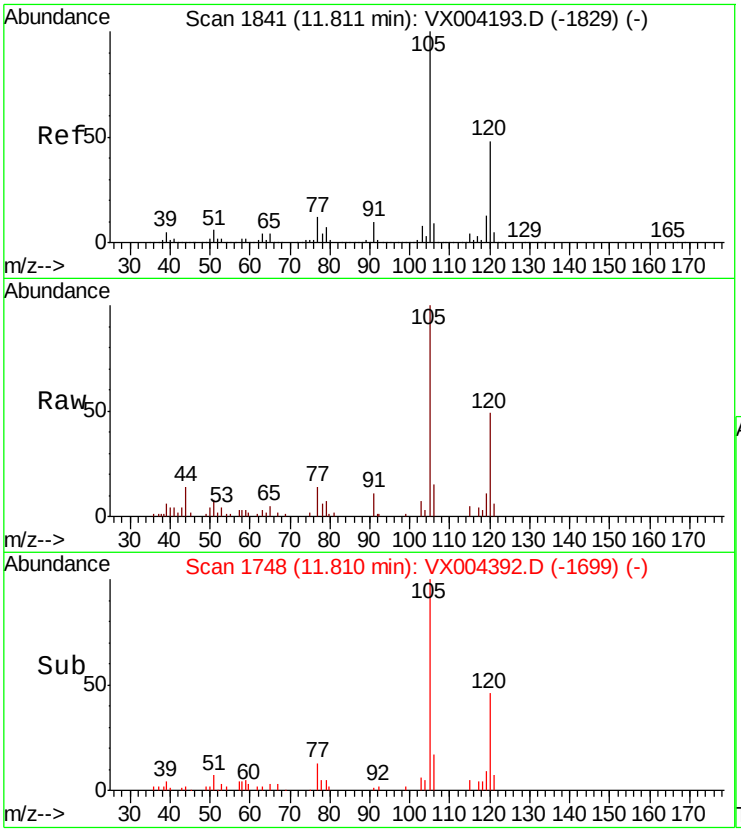


#81
trans-1,4-Dichloro-2-butene
Concen: 70.90 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion: 75 Resp: 110530

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



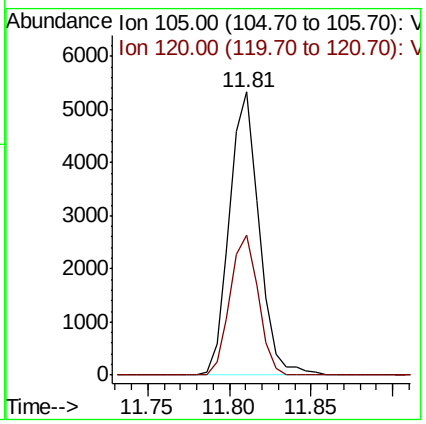


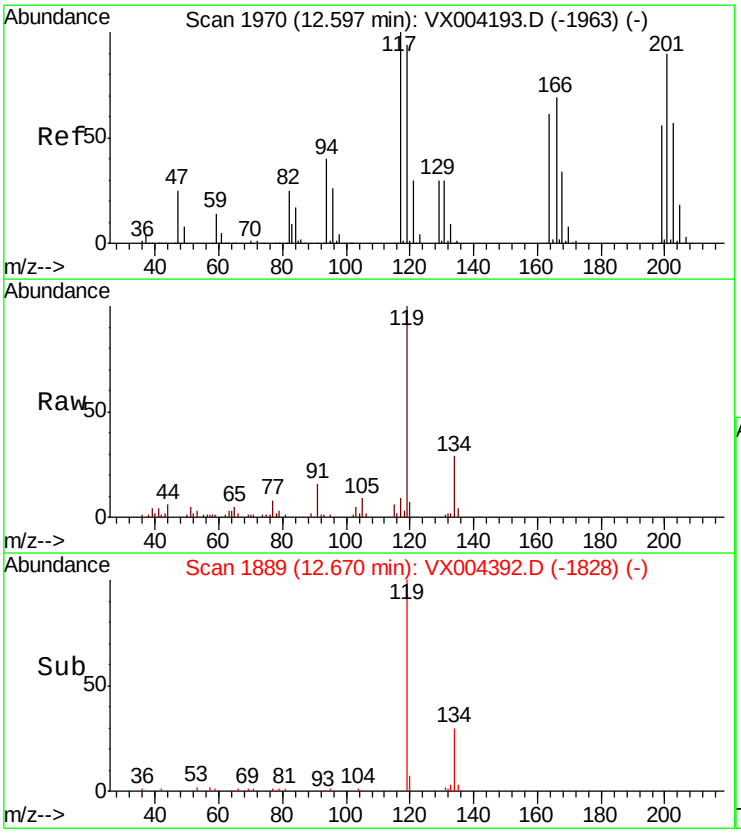
#84
1,2,4-Trimethylbenzene
Concen: 0.49 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument : MSVOA_X
ClientSampleId : JCSA-303

Tgt Ion:105 Resp: 6747

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.2	69.6

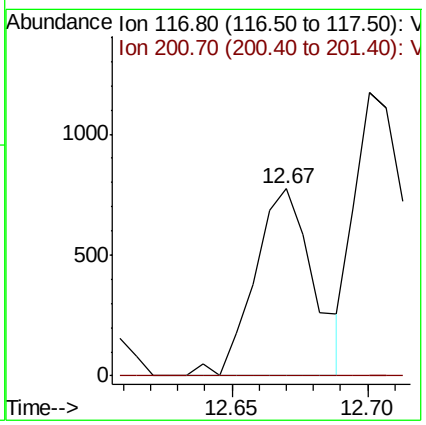


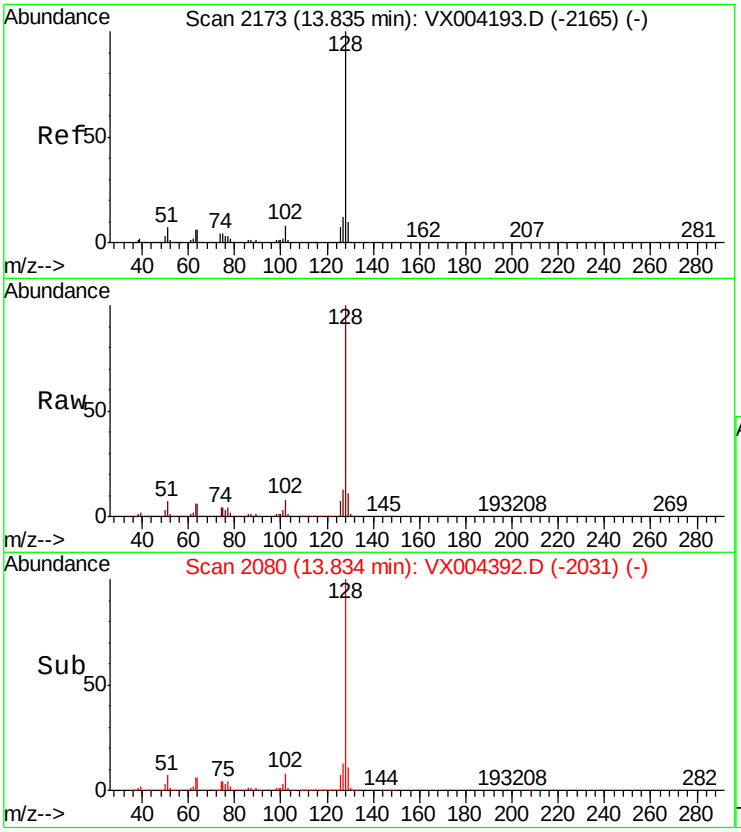


#90
Hexachloroethane
Concen: 0.57 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Tgt Ion:117 Resp: 1162

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#





#95
Naphthalene
Concen: 87.92 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004392.D
Acq: 06 Sep 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
JCSA-303

Tgt Ion:128 Resp: 1426579

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8