Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004433.D
Acq On : 08 Sep 2018 03:39
Operator : JC/MD
Sample : J4779-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Quant Time: Sep 08 05:00:20 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	299662	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	502085	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	475381	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276259	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	214105	54.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.64%				
35) Dibromofluoromethane	5.50	113	188934	50.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.16%				
50) Toluene-d8	8.71	98	728785	51.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.38%				
62) 4-Bromofluorobenzene	11.14	95	259278	49.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.58%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	750	0.48	ug/l		91
5) Bromomethane	1.64	94	576	Below Cal			91
6) Chloroethane	1.77	64	4924	2.52	ug/l	#	66
10) Methyl Iodide	2.51	142	286	4.33	ug/l	#	64
11) Tert butyl alcohol	3.07	59	604	0.73	ug/l	#	94
13) Acrolein	2.29	56	301	1.50	ug/l	#	59
14) Allyl chloride	2.85	41	80610	13.82	ug/l	#	28
16) Acetone	2.45	43	23311	6.77	ug/l		97
17) Carbon Disulfide	2.57	76	820	0.89	ug/l	#	29
18) Methyl Acetate	2.78	43	13658	2.36	ug/l		97
20) Methylene Chloride	2.85	84	1932004	513.87	ug/l		98
25) 2-Butanone	4.70	43	3006	Below Cal		#	78
29) Tetrahydrofuran	5.17	42	1454	0.87	ug/l		93
30) Chloroform	5.21	83	5640	0.89	ug/l		84
36) 1,1-Dichloropropene	5.66	75	19352	3.43	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	25882	4.87	ug/l	#	16
43) Isopropyl Acetate	6.46	43	169381	19.86	ug/l		99
47) Bromodichloromethane	7.90	83	1184	0.23	ug/l		91
48) Methyl methacrylate	7.68	41	8588	1.88	ug/l	#	23
51) 4-Methyl-2-Pentanone	8.62	43	2660	0.43	ug/l	#	34
54) cis-1,3-Dichloropropene	8.62	75	1315	0.21	ug/l	#	65
59) 2-Hexanone	9.54	43	10241	2.17	ug/l	#	57
67) Ethyl Benzene	10.25	91	4250	0.22	ug/l		95
68) m/p-Xylenes	10.36	106	4582	0.60	ug/l		99
76) 1,2,3-Trichloropropane	11.14	75	121635	21.65	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	3775	0.25	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	121635	70.24	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	12125	0.79	ug/l		99
94) Hexachlorobutadiene	13.78	225	227	Below Cal			78
95) Naphthalene	13.83	128	10953	0.61	ug/l		98

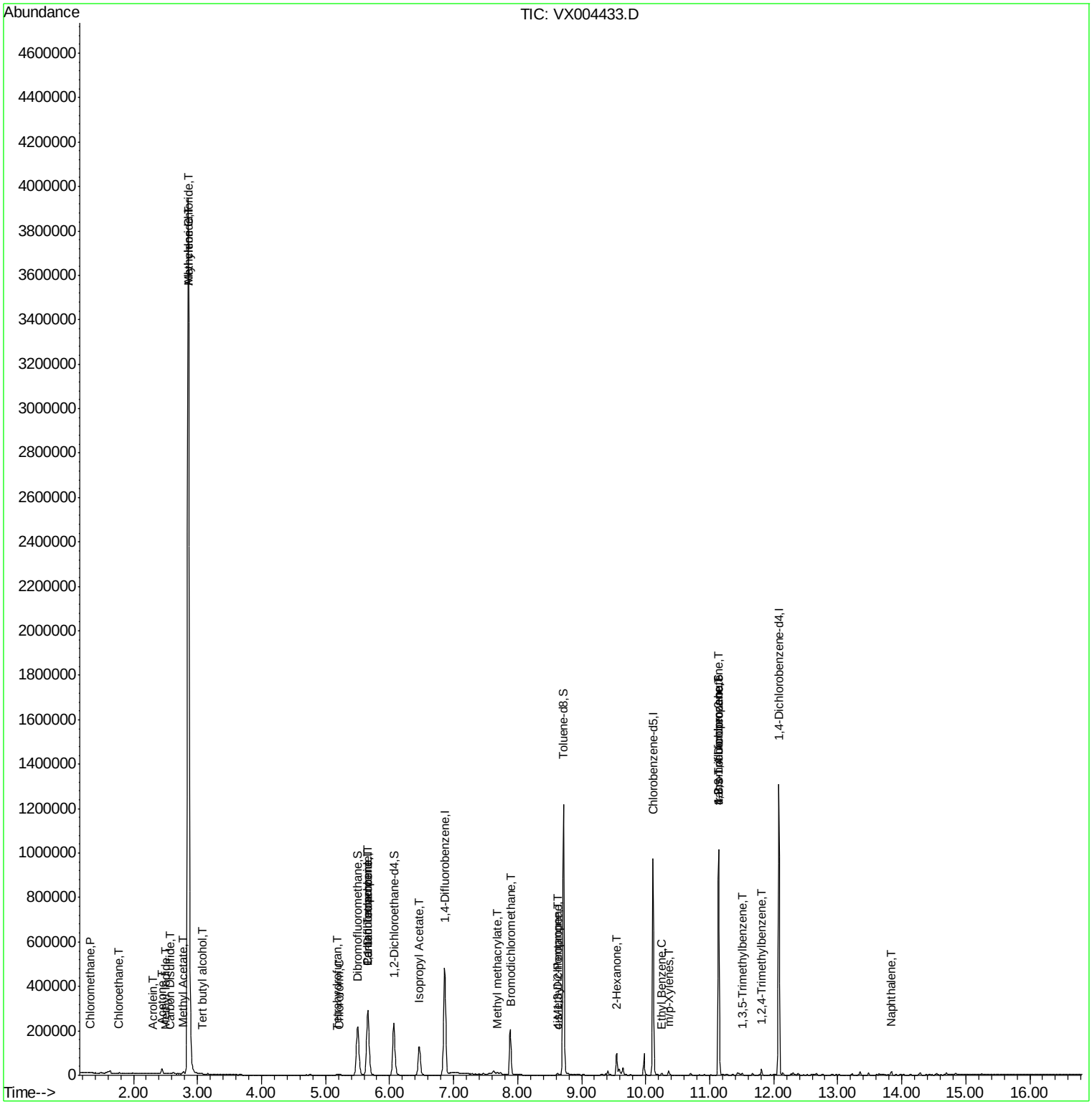
(#) = qualifier out of range (m) = manual integration (+) = signals summed

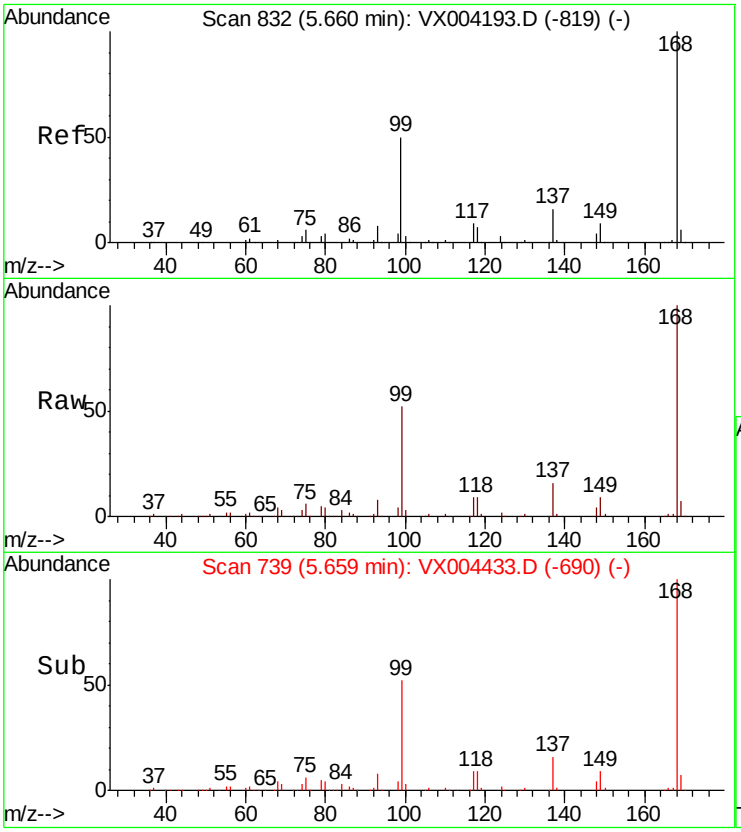
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004433.D
Acq On : 08 Sep 2018 03:39
Operator : JC/MD
Sample : J4779-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Quant Time: Sep 08 05:00:20 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



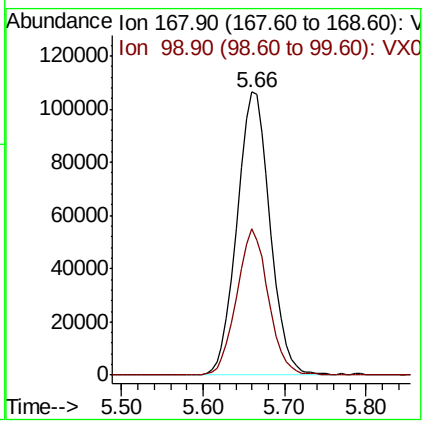


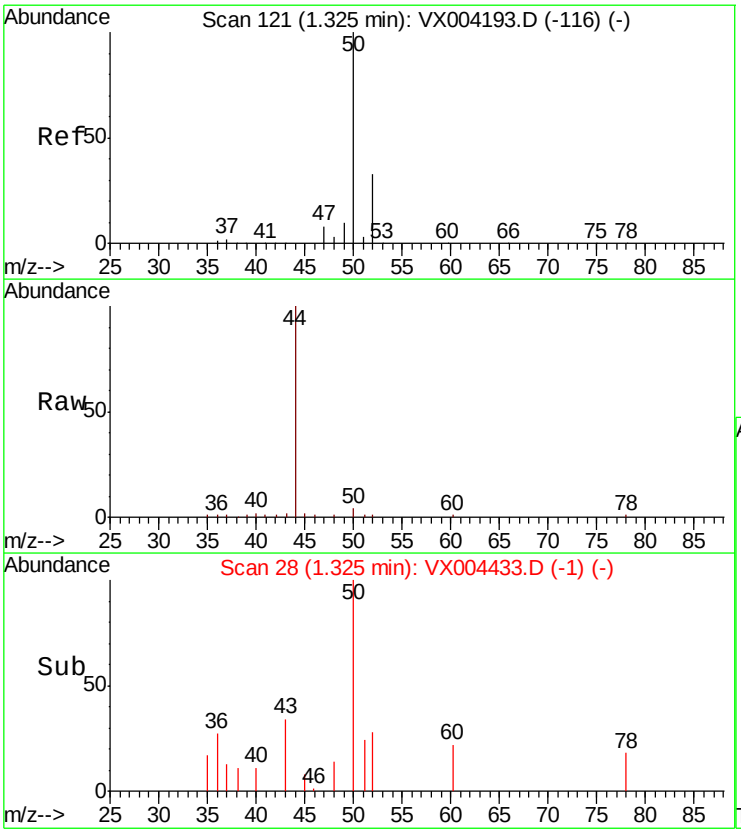
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion:168 Resp: 299662

Ion	Ratio	Lower	Upper
168	100		
99	51.9	39.9	59.9

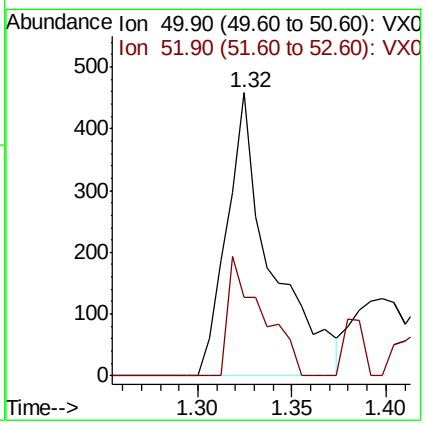


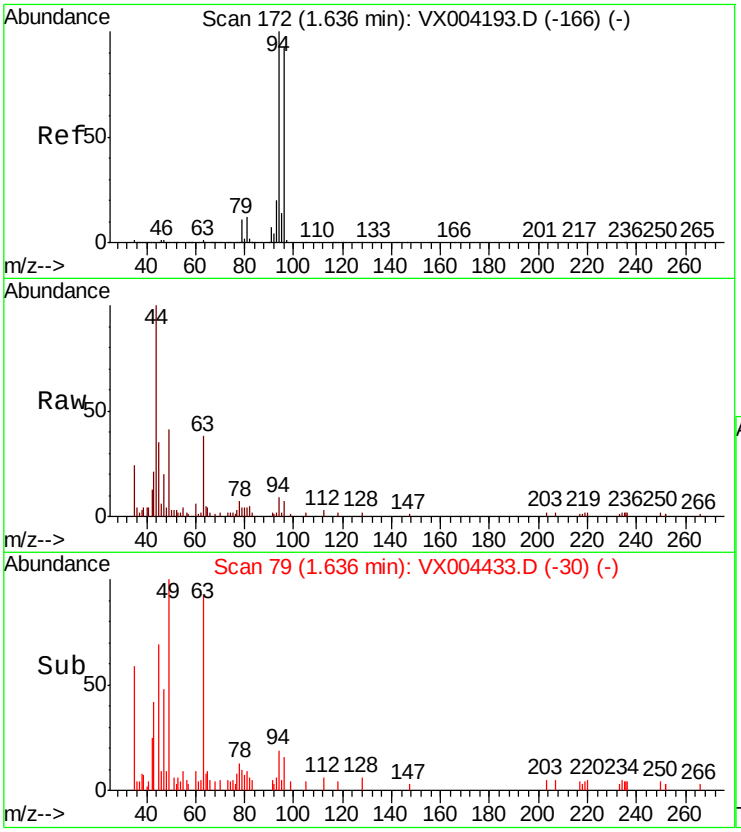


#3
Chloromethane
Concen: 0.48 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 50 Resp: 750

Ion	Ratio	Lower	Upper
50	100		
52	27.7	26.2	39.2



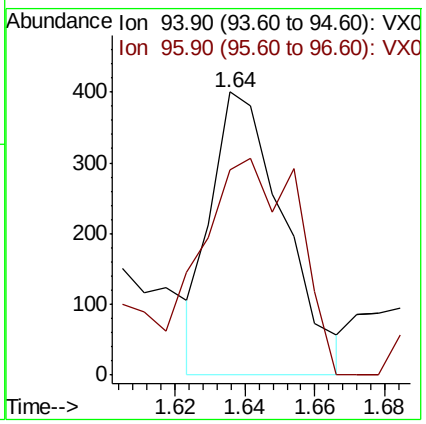


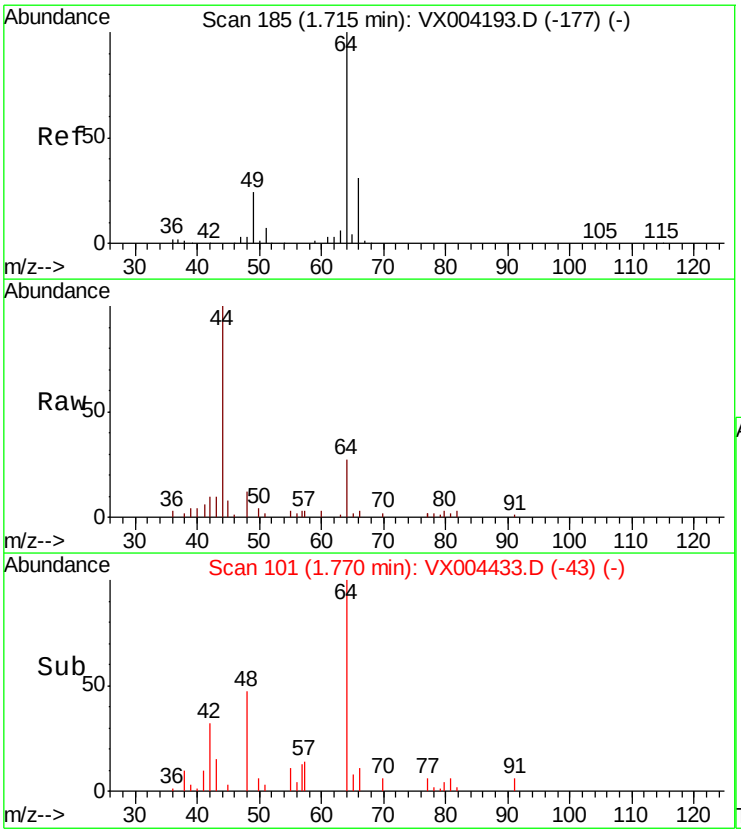
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 94 Resp: 576

Ion	Ratio	Lower	Upper
94	100		
96	84.5	74.5	111.7

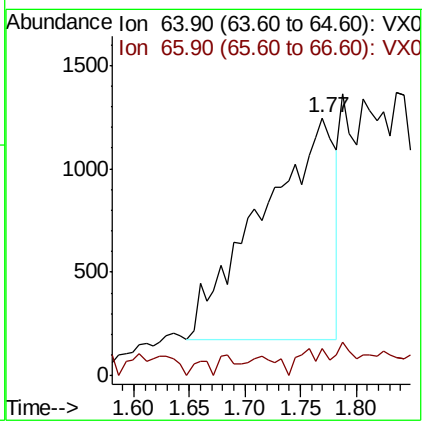


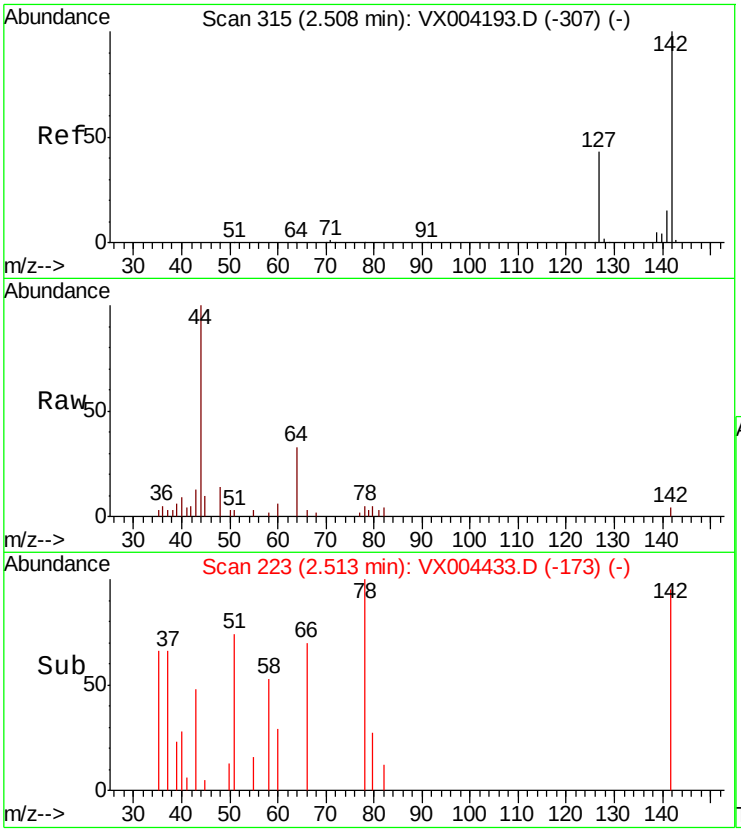


#6
Chloroethane
Concen: 2.52 ug/l
RT: 1.77 min Scan# 101
Delta R.T. 0.05 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 64 Resp: 4924

Ion	Ratio	Lower	Upper
64	100		
66	12.1	24.6	36.8#



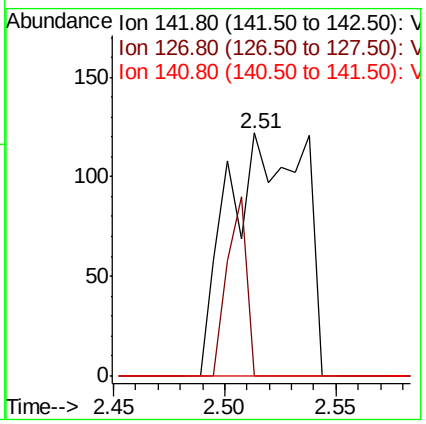


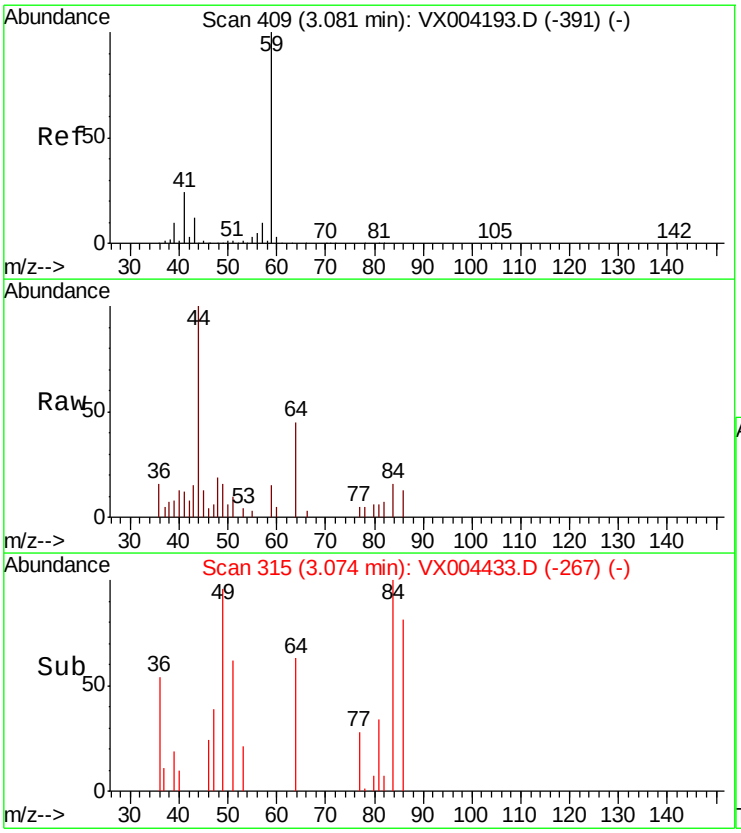
#10
Methyl Iodide
Concen: 4.33 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion:142 Resp: 286

Ion	Ratio	Lower	Upper
142	100		
127	18.9	33.8	50.6#
141	0.0	11.4	17.0#

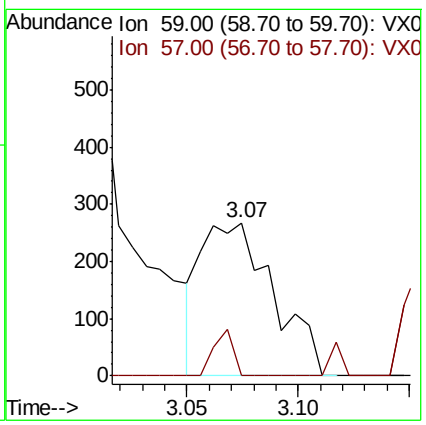


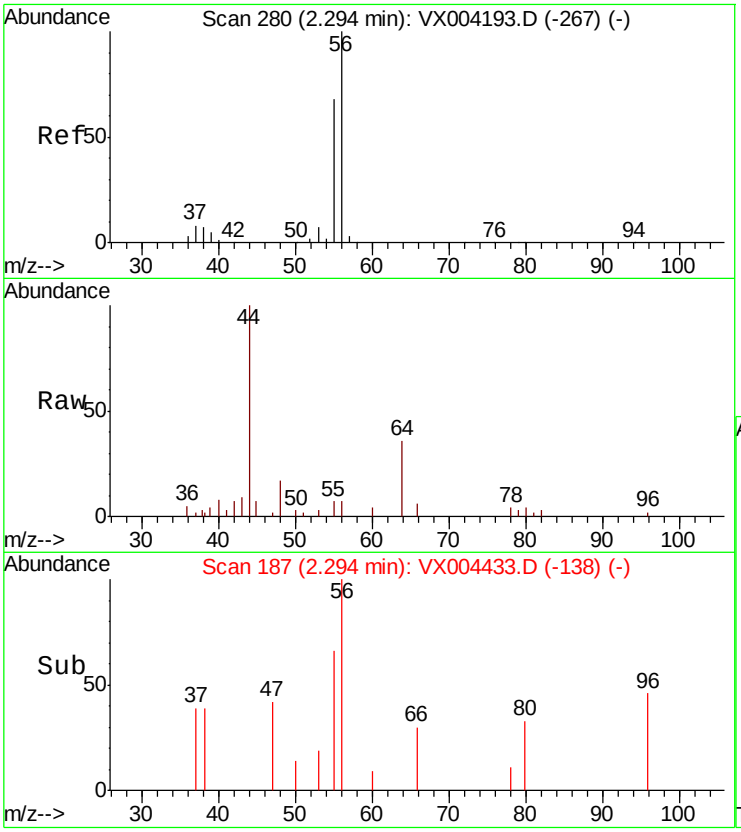


#11
Tert butyl alcohol
Concen: 0.73 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 59 Resp: 604

Ion	Ratio	Lower	Upper
59	100		
57	7.9	8.2	12.4#



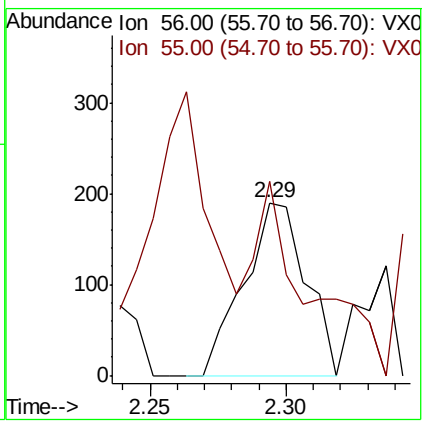


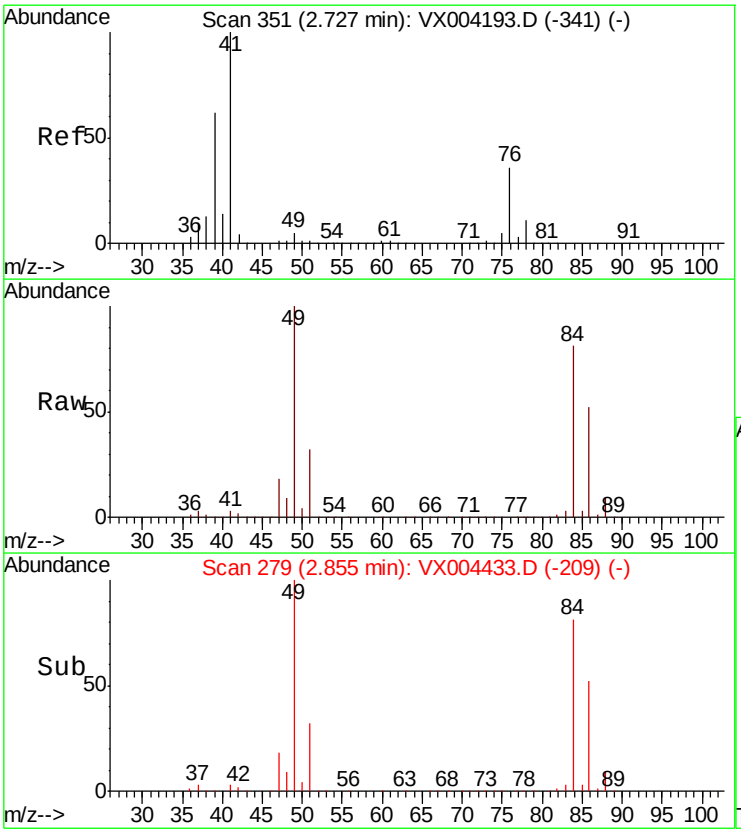
#13
Acrolein
Concen: 1.50 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 56 Resp: 301

Ion	Ratio	Lower	Upper
56	100		
55	101.3	54.7	82.1#

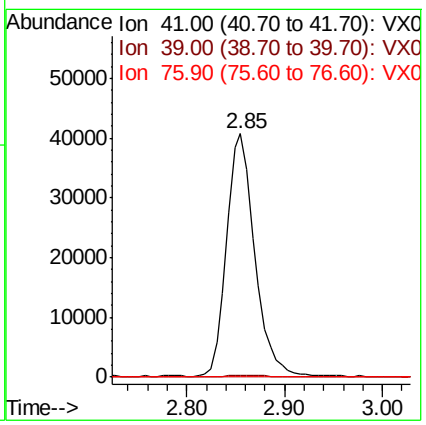


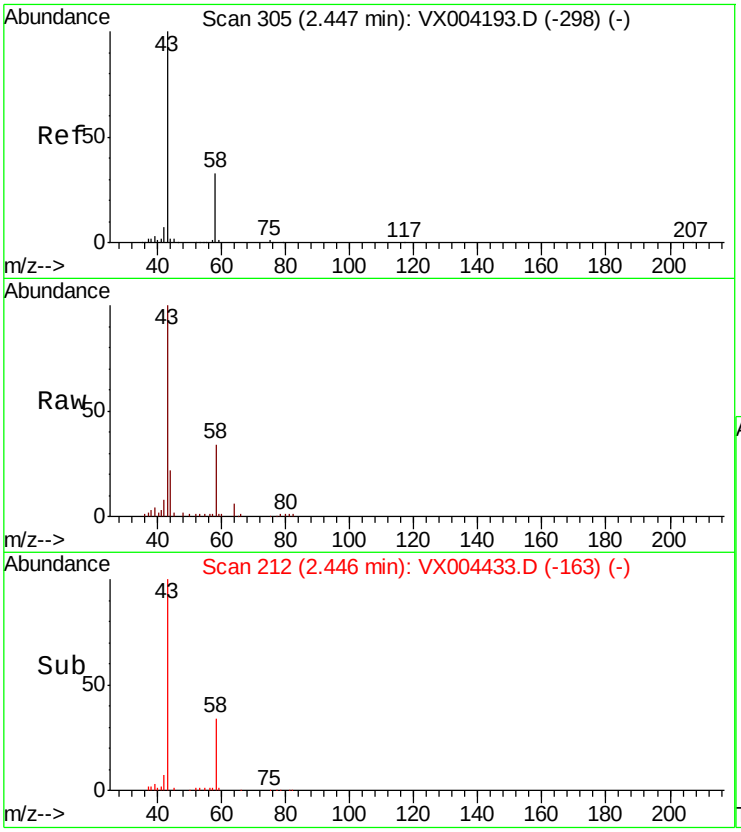


#14
Allyl chloride
Concen: 13.82 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 41 Resp: 80610

Ion	Ratio	Lower	Upper
41	100		
39	0.8	48.9	73.3#
76	0.0	26.7	40.1#



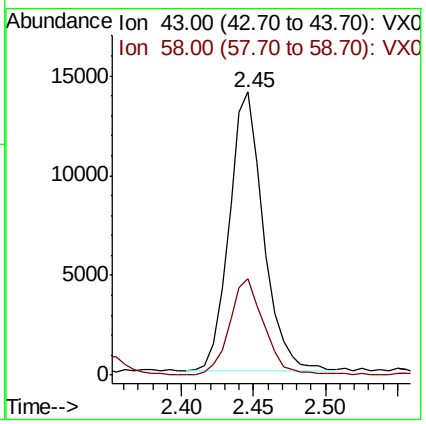


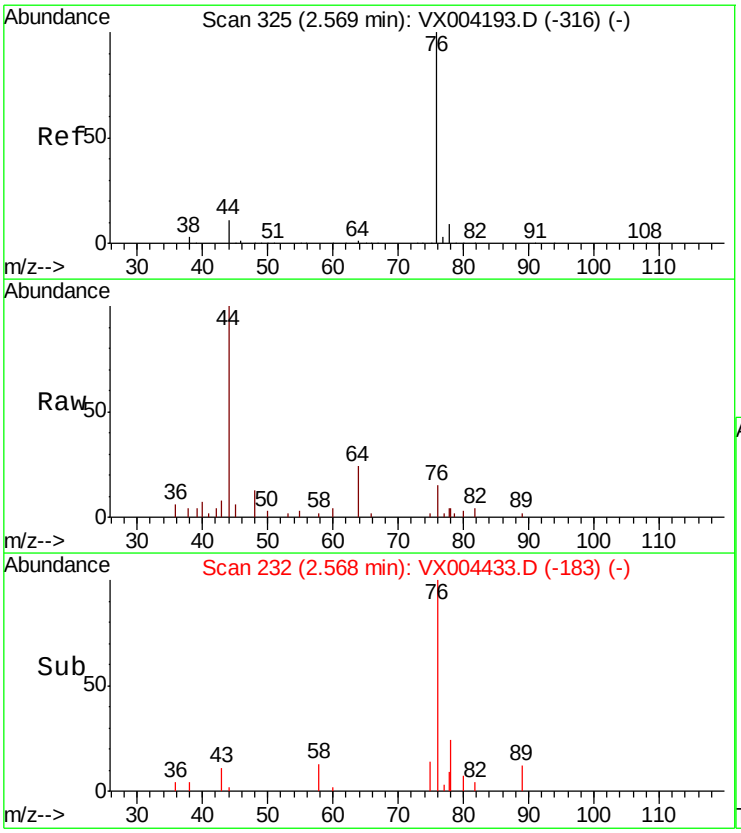
#16
Acetone
Concen: 6.77 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion: 43 Resp: 23311

Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.2	39.4

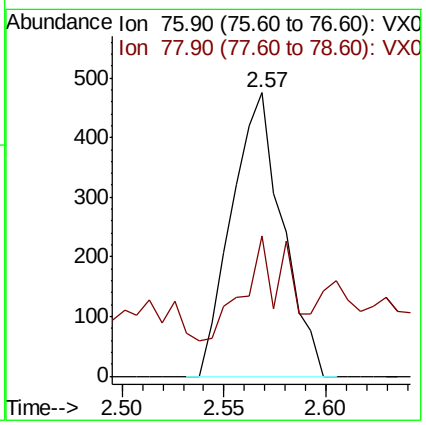


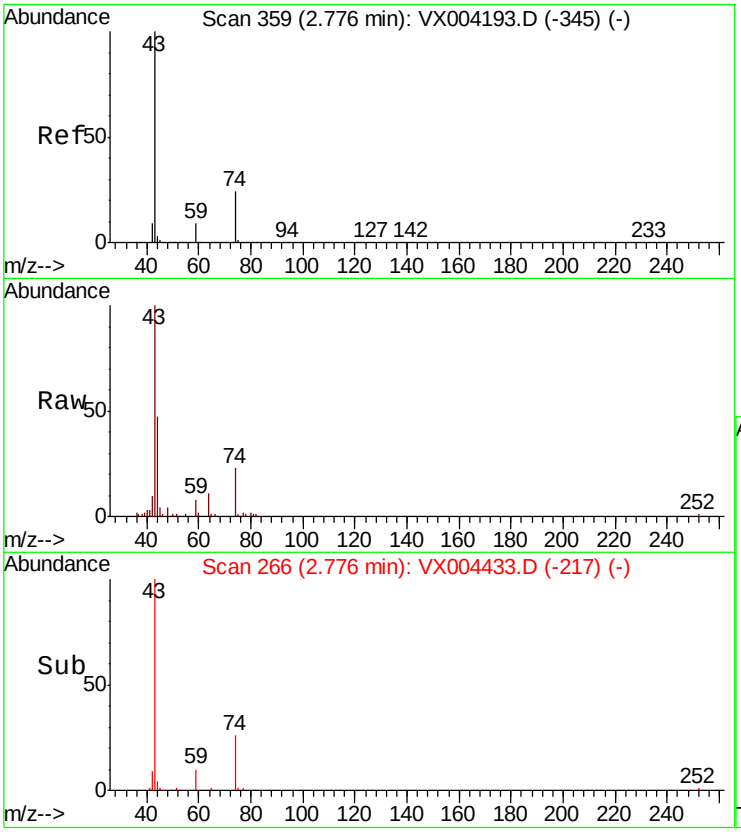


#17
Carbon Disulfide
Concen: 0.89 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 76 Resp: 820

Ion	Ratio	Lower	Upper
76	100		
78	34.5	7.0	10.6#



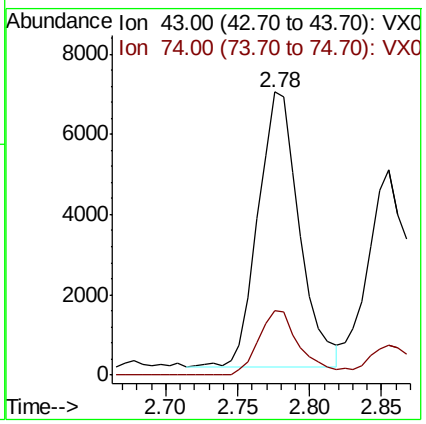


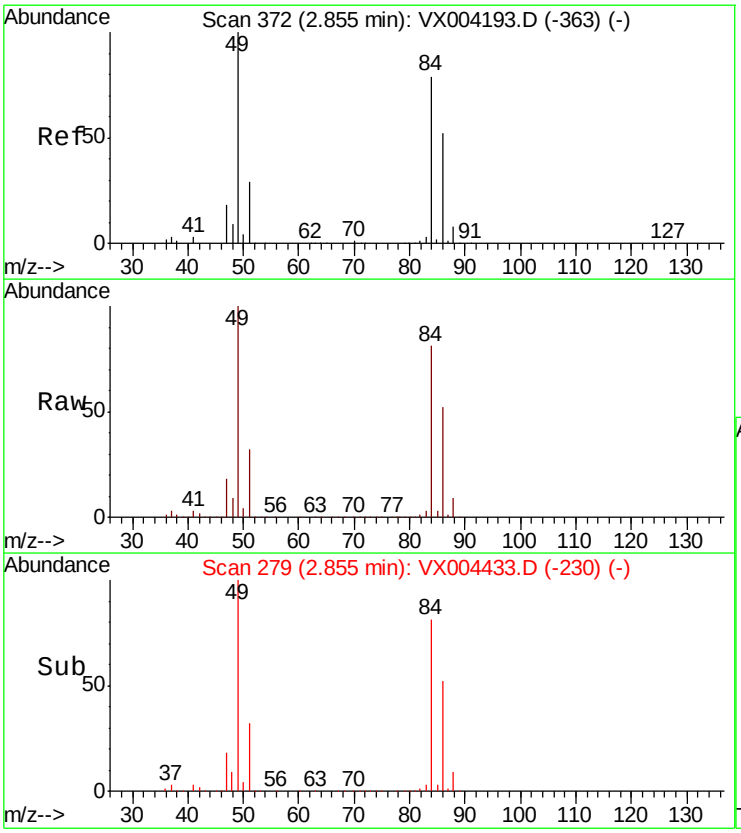
#18
Methyl Acetate
Concen: 2.36 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion: 43 Resp: 13658

Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.4	29.2

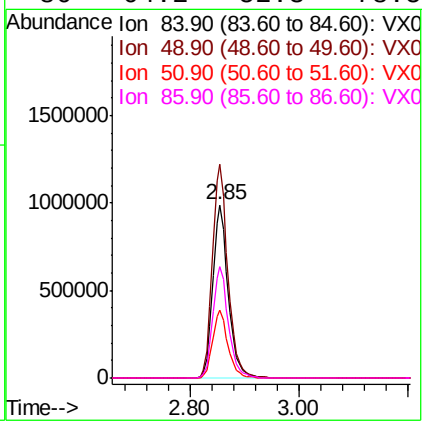


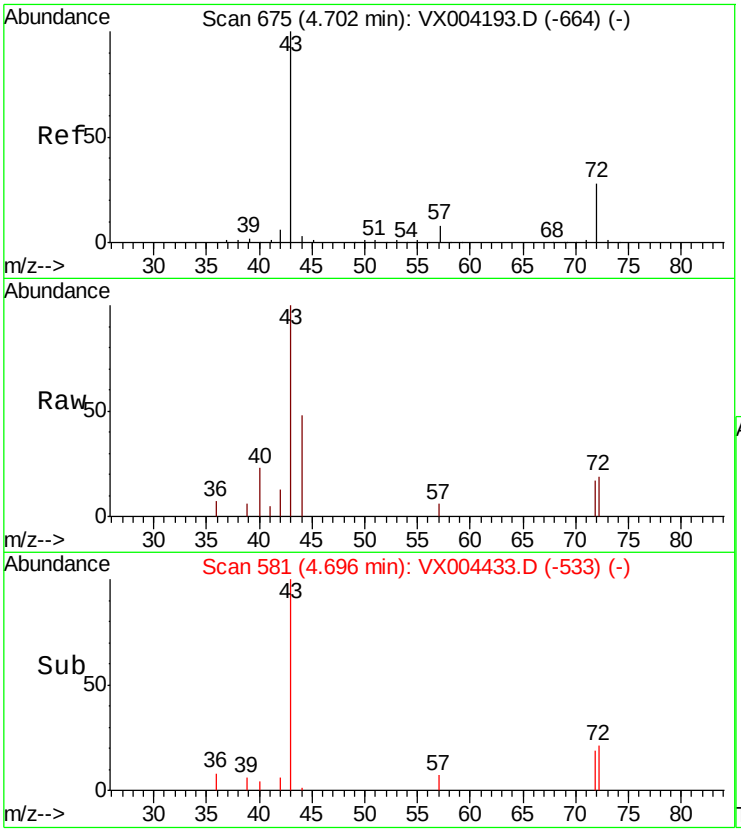


#20
Methylene Chloride
Concen: 513.87 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 84 Resp: 1932004

Ion	Ratio	Lower	Upper
84	100		
49	123.6	101.2	151.8
51	39.2	29.5	44.3
86	64.2	52.3	78.5



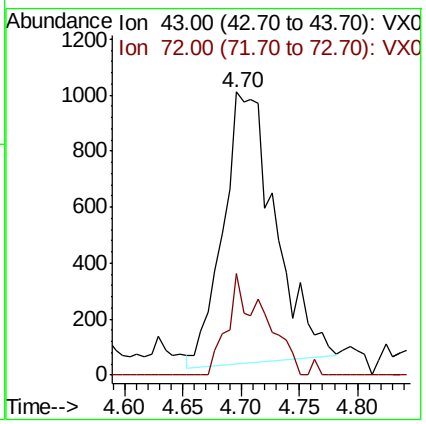


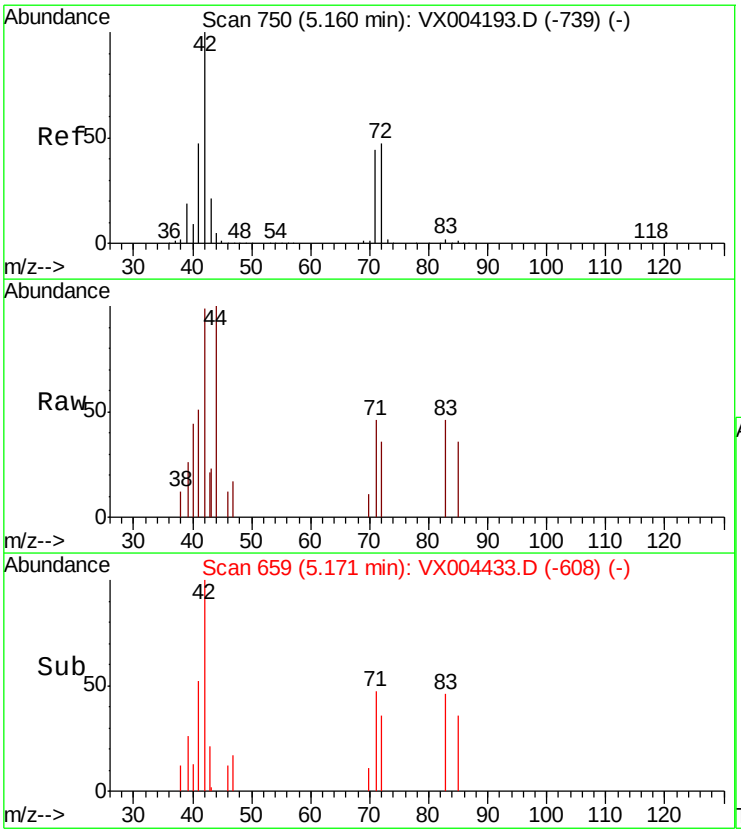
#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 43 Resp: 3006

Ion	Ratio	Lower	Upper
43	100		
72	38.7	22.0	33.0#

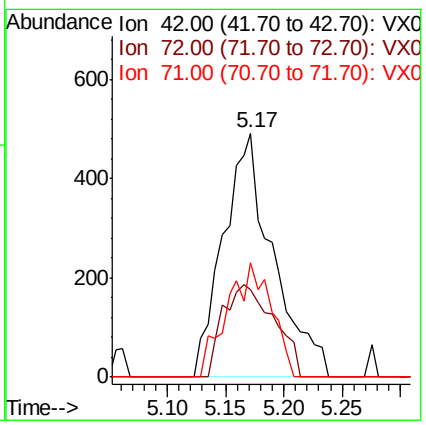


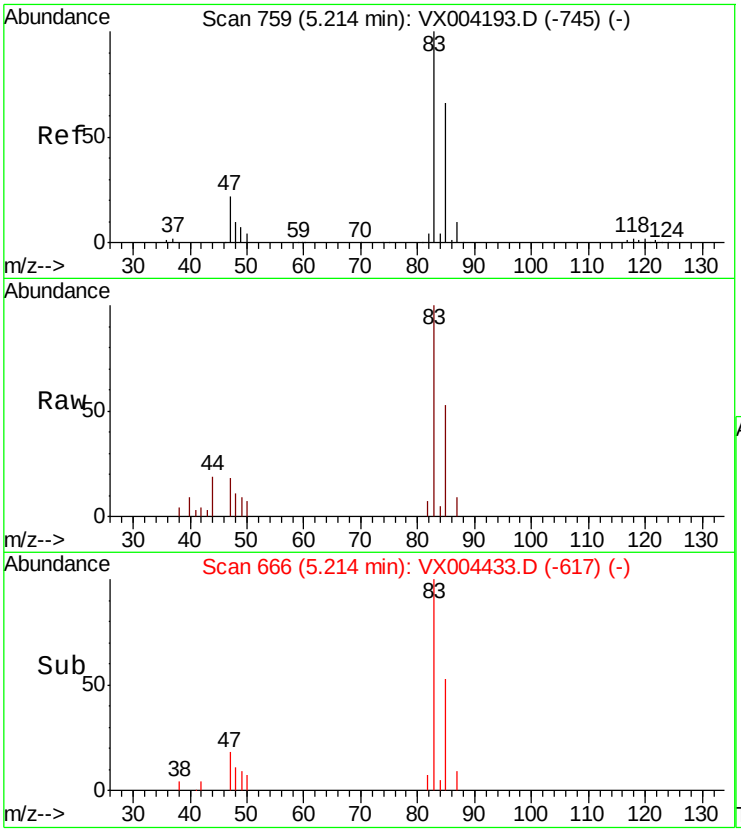


#29
Tetrahydrofuran
Concen: 0.87 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 42 Resp: 1454

Ion	Ratio	Lower	Upper
42	100		
72	38.9	37.4	56.0
71	41.8	34.5	51.7



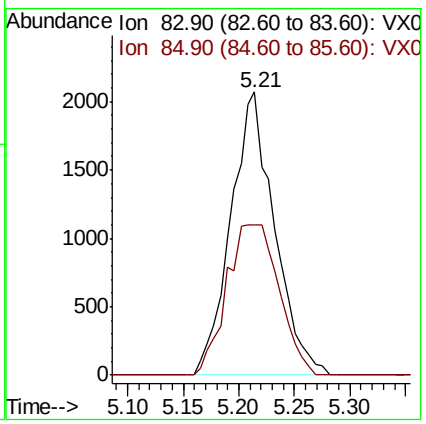


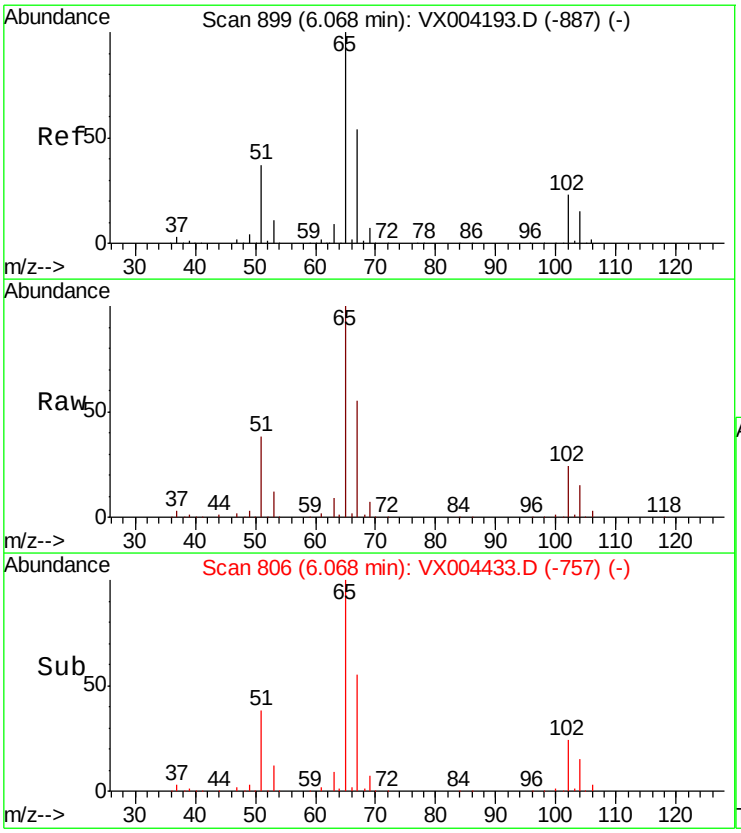
#30
Chloroform
Concen: 0.89 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 83 Resp: 5640

Ion	Ratio	Lower	Upper
83	100		
85	53.0	52.6	79.0

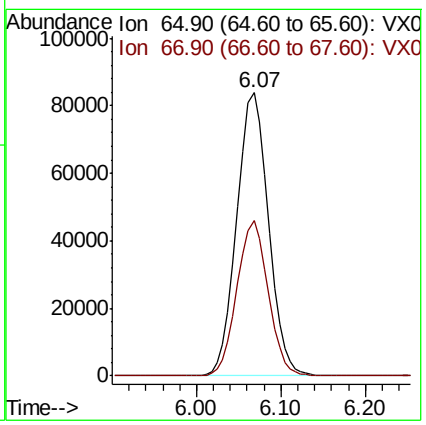


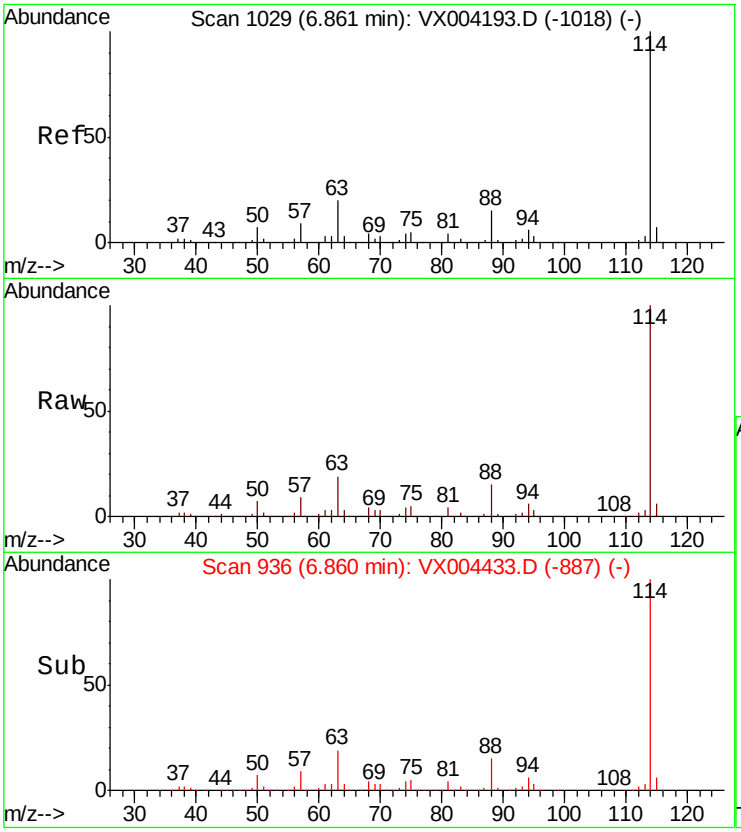


#33
1,2-Dichloroethane-d4
Concen: 54.82 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 65 Resp: 214105

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8



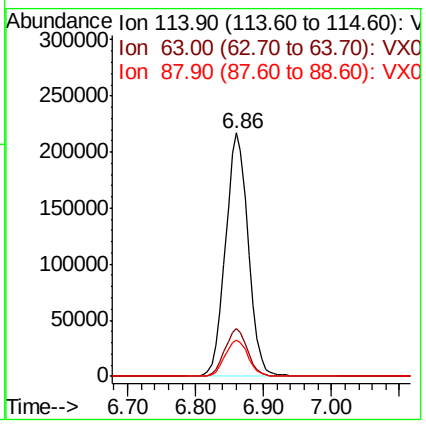


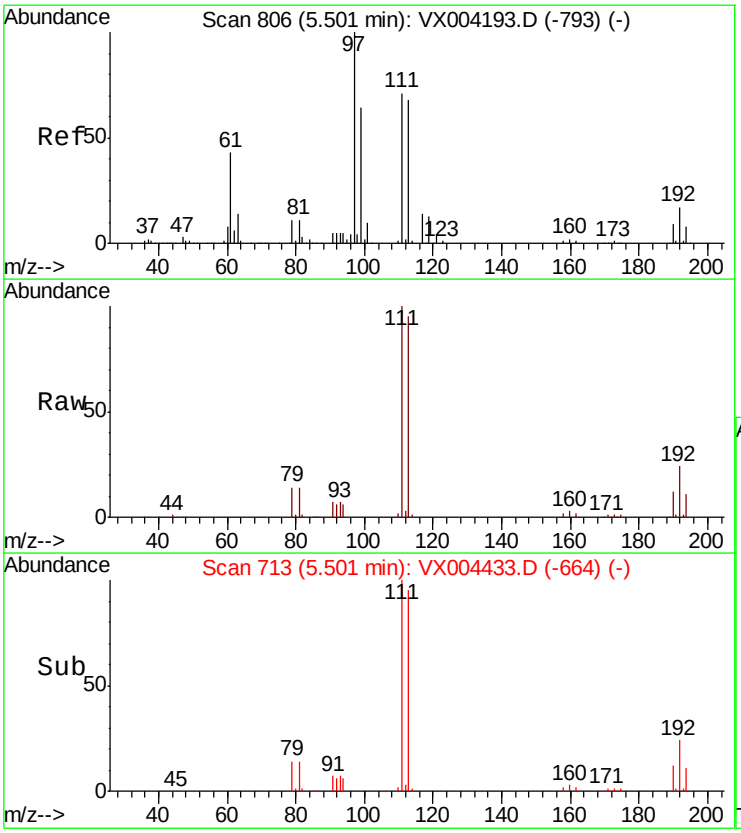
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion:114 Resp: 502085

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	14.8	0.0	30.4

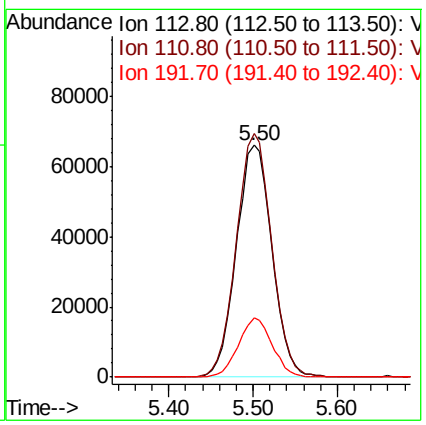


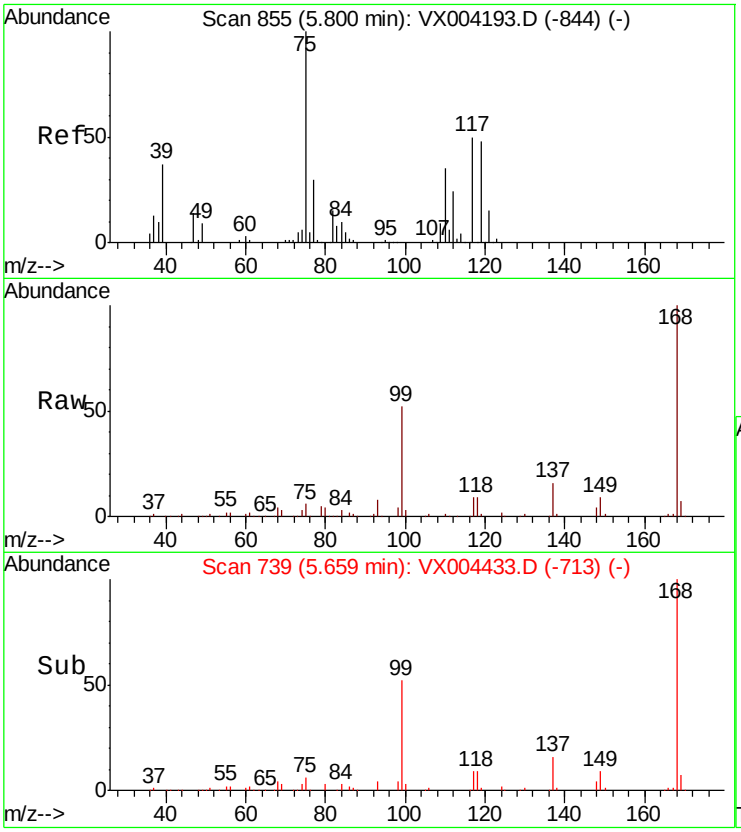


#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:113 Resp: 188934

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	24.2	19.4	29.2



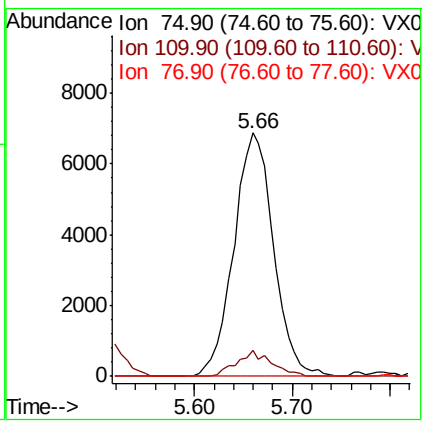


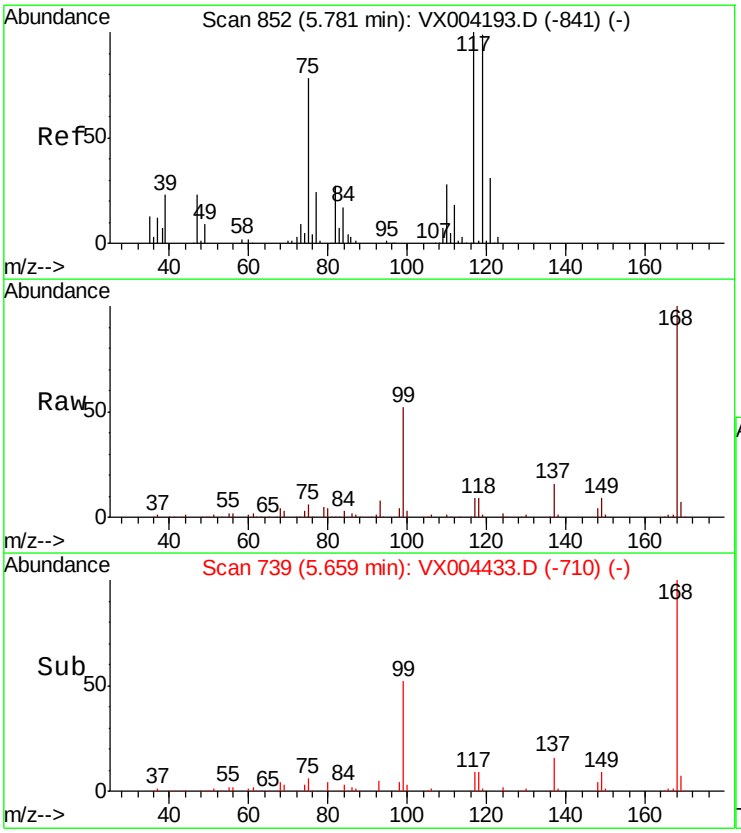
#36
1,1-Dichloropropene
Concen: 3.43 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 75 Resp: 19352

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.0	54.0#
77	0.0	24.6	36.8#

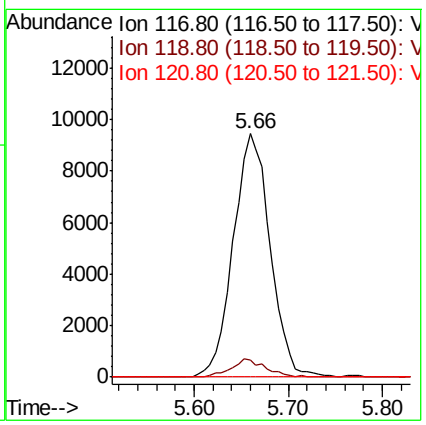


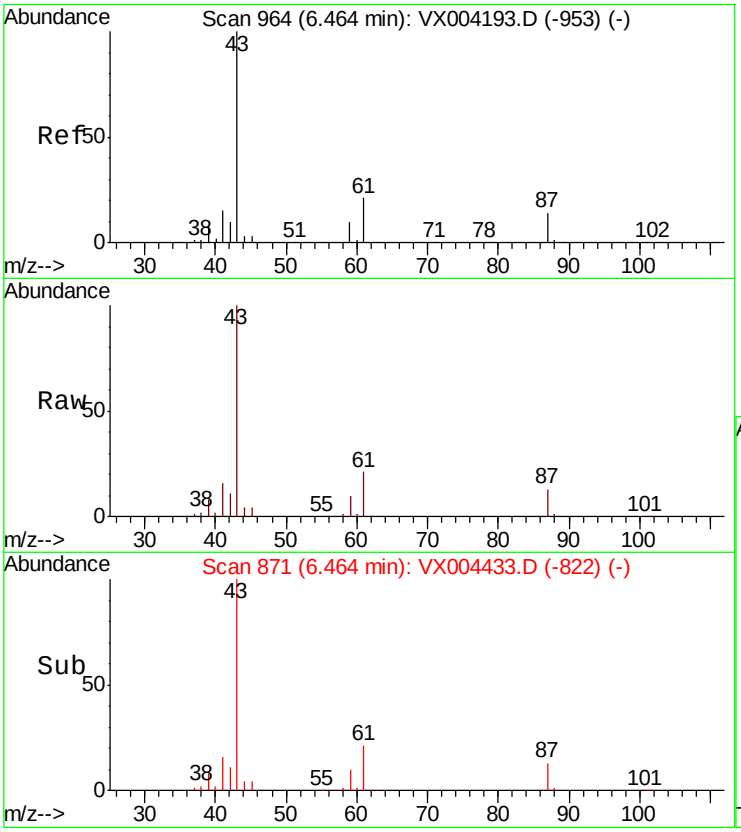


#38
Carbon Tetrachloride
Concen: 4.87 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:117 Resp: 25882

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.8	118.2#
121	0.0	24.9	37.3#



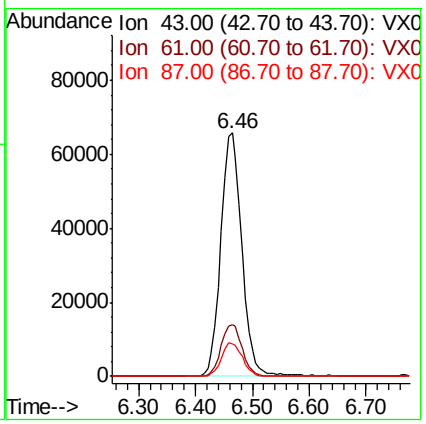


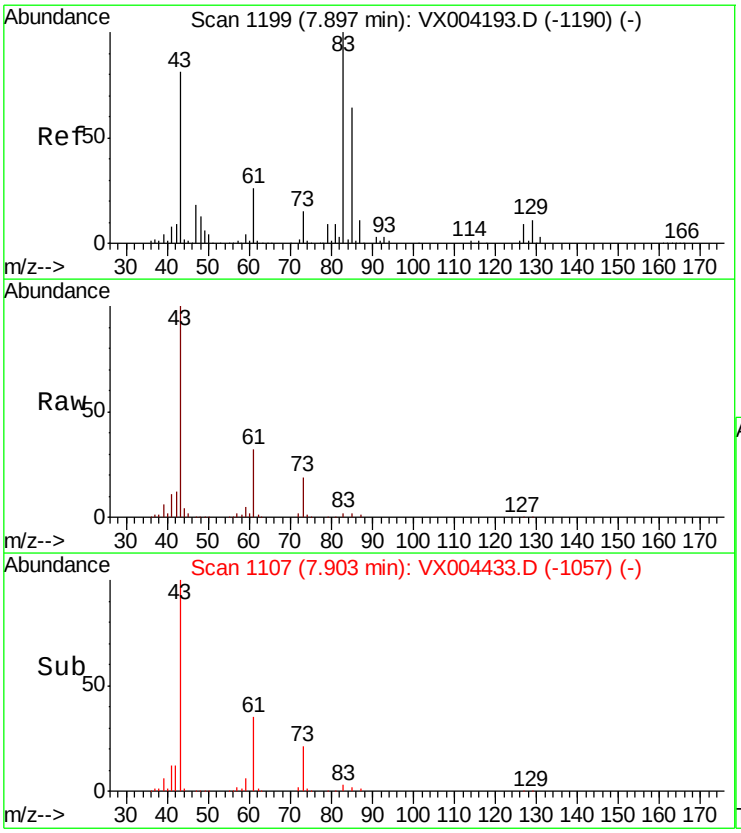
#43
Isopropyl Acetate
Concen: 19.86 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 43 Resp: 169381

Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	13.7	11.4	17.2

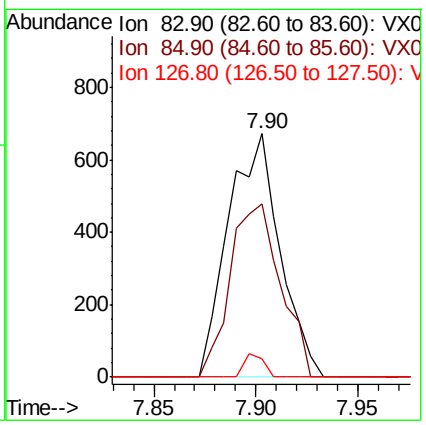


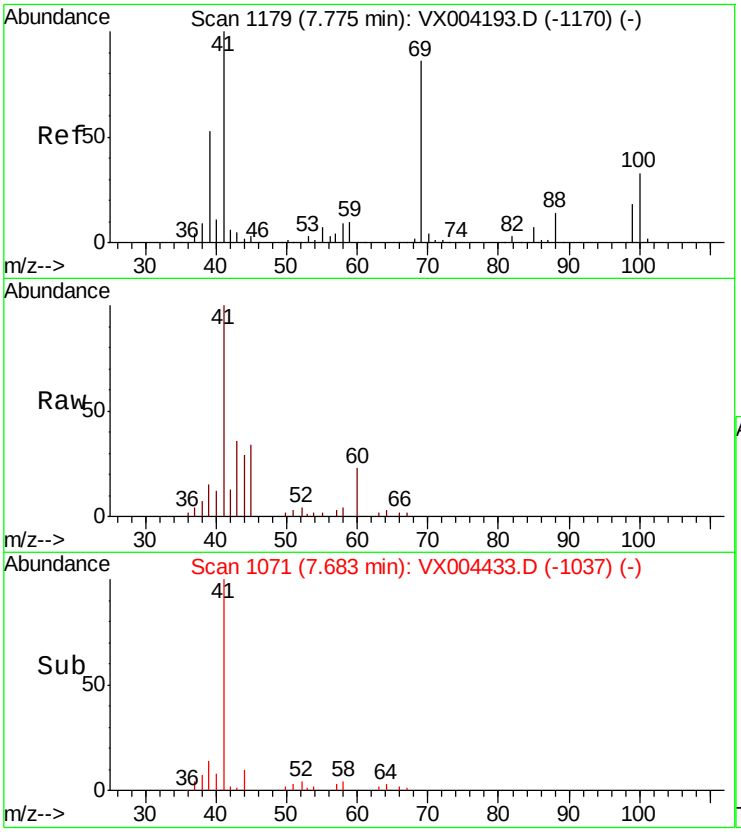


#47
Bromodichloromethane
Concen: 0.23 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 83 Resp: 1184

Ion	Ratio	Lower	Upper
83	100		
85	71.0	50.9	76.3
127	7.6	7.3	10.9



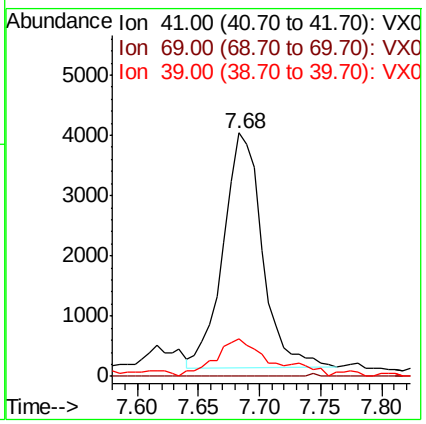


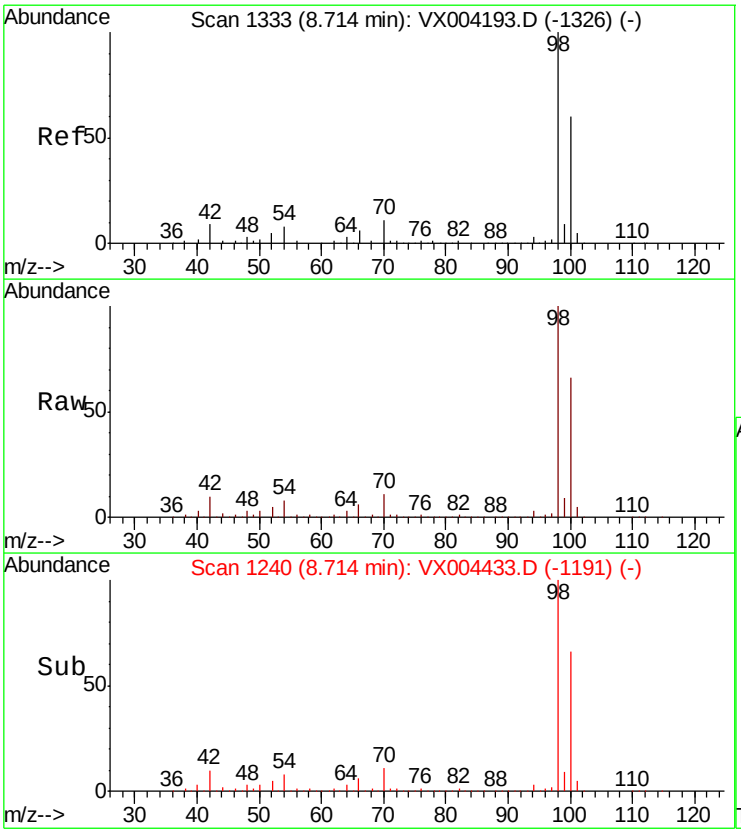
#48
Methyl methacrylate
Concen: 1.88 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion: 41 Resp: 8588

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	19.0	42.7	64.1#

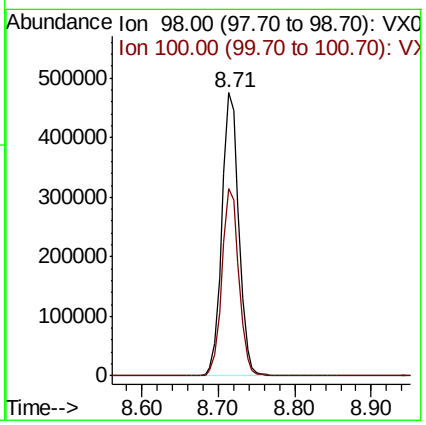


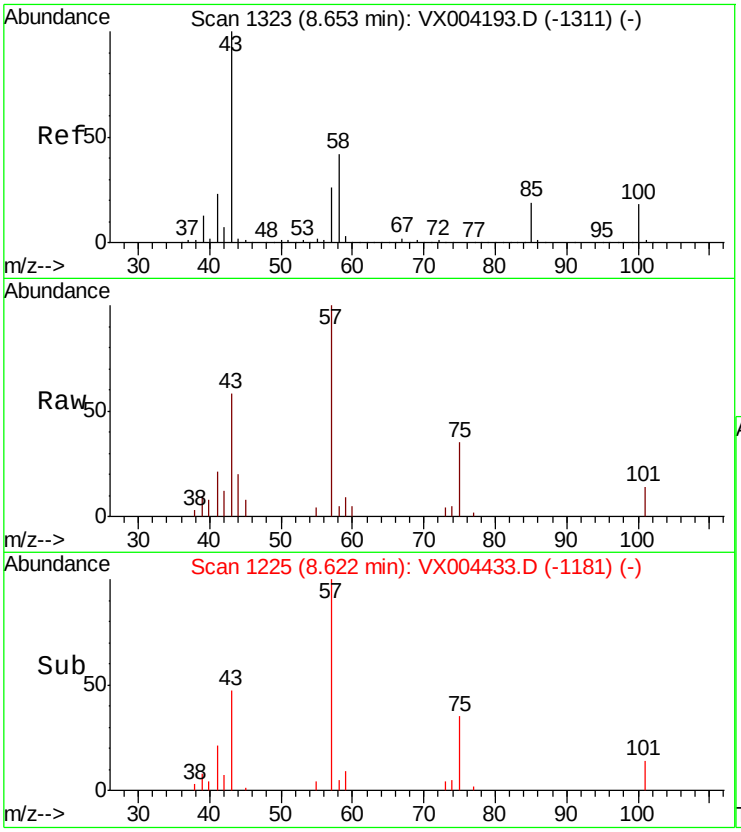


#50
Toluene-d8
Concen: 51.69 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 98 Resp: 728785

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



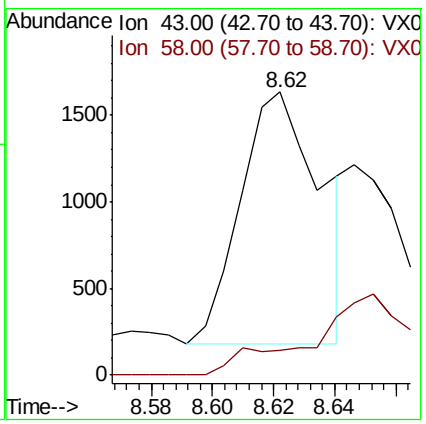


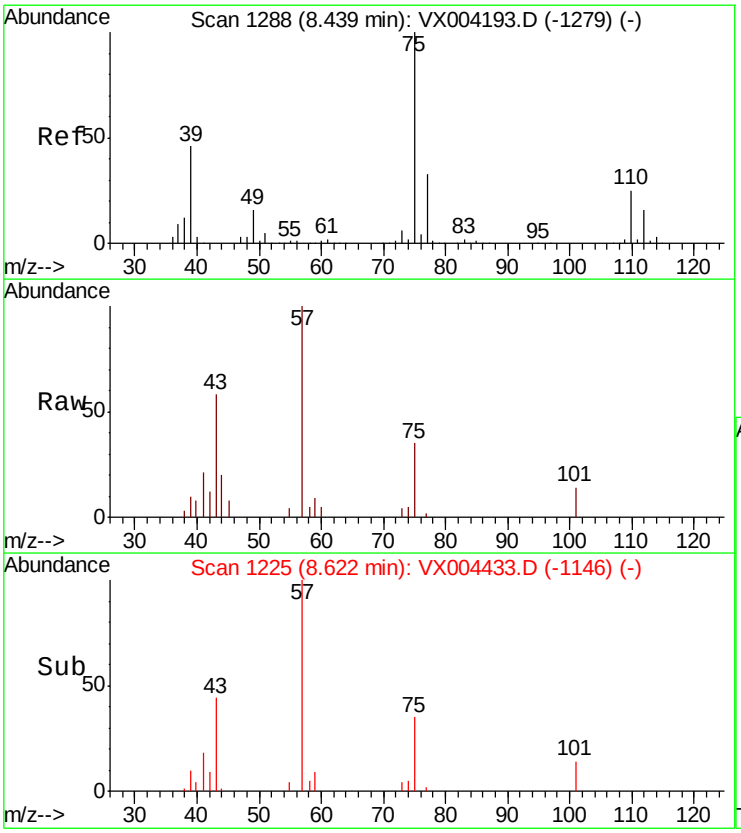
#51
4-Methyl-2-Pentanone
Concen: 0.43 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion: 43 Resp: 2660

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#

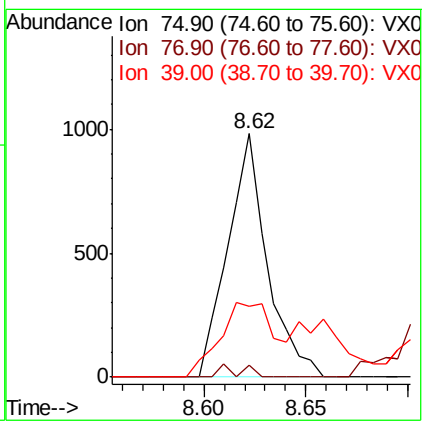


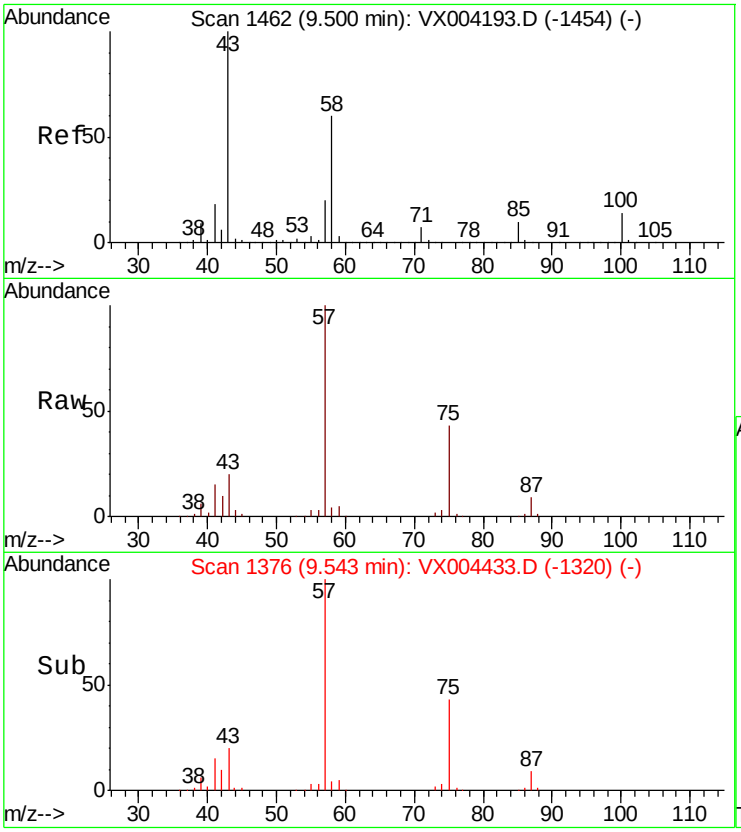


#54
cis-1,3-Dichloropropene
Concen: 0.21 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 75 Resp: 1315

Ion	Ratio	Lower	Upper
75	100		
77	5.1	26.2	39.2#
39	29.3	36.4	54.6#



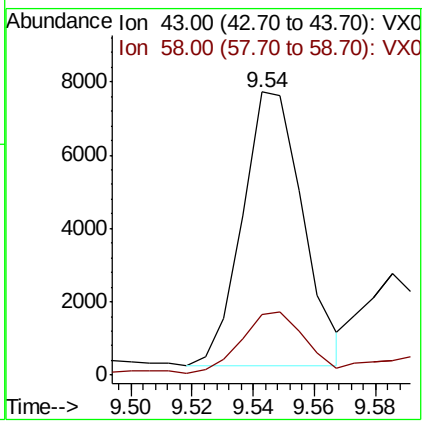


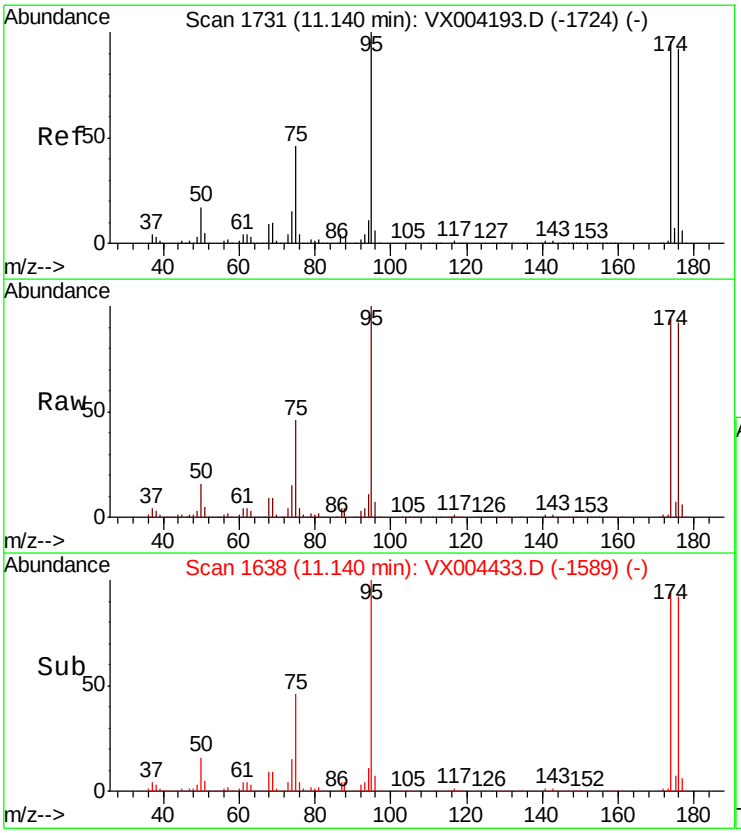
#59
2-Hexanone
Concen: 2.17 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 43 Resp: 10241

Ion	Ratio	Lower	Upper
43	100		
58	26.2	29.0	87.0#

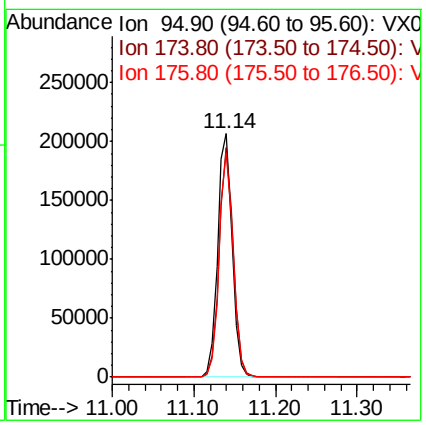


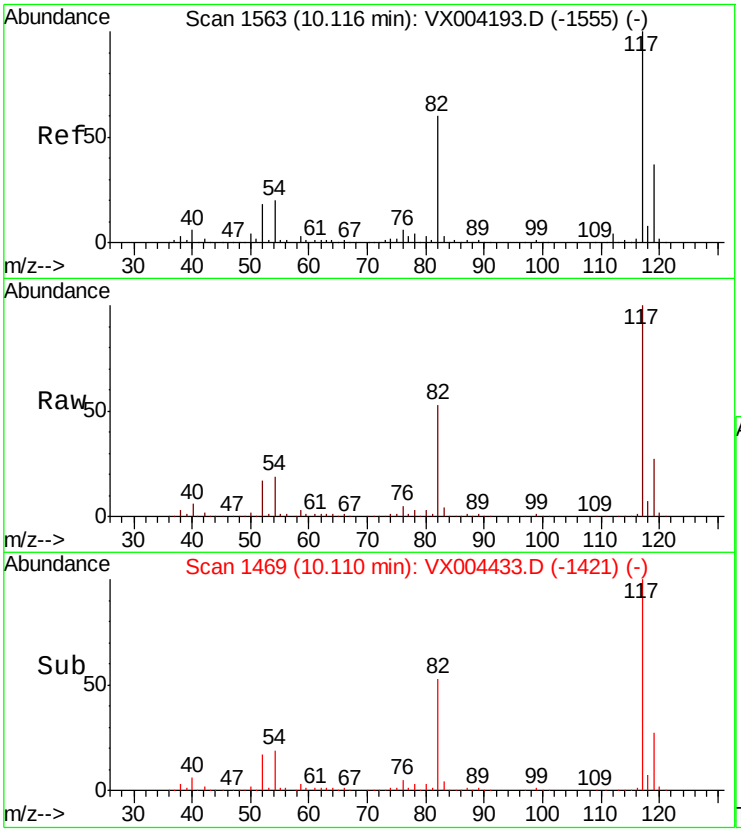


#62
4-Bromofluorobenzene
Concen: 49.29 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 95 Resp: 259278

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	185.2
176	89.6	0.0	178.6



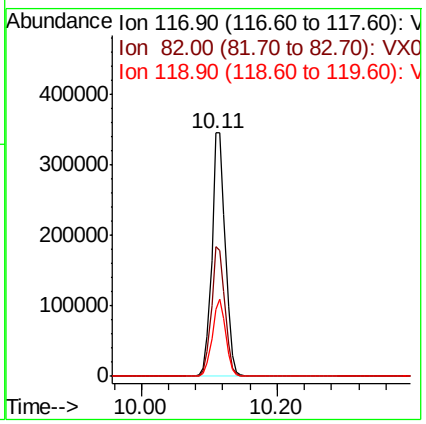


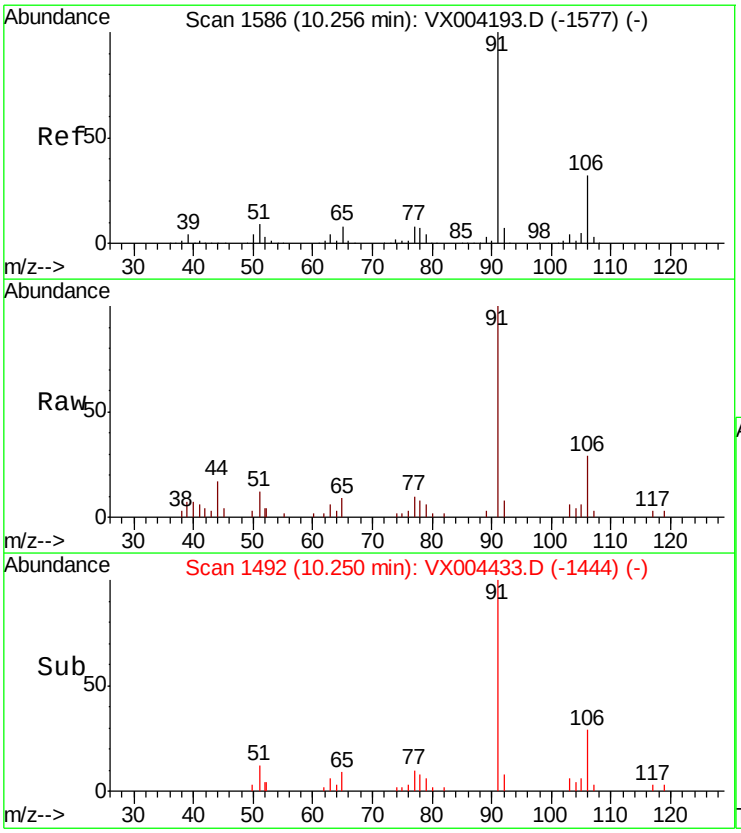
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion:117 Resp: 475381

Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.8	71.6
119	27.4	29.3	43.9#

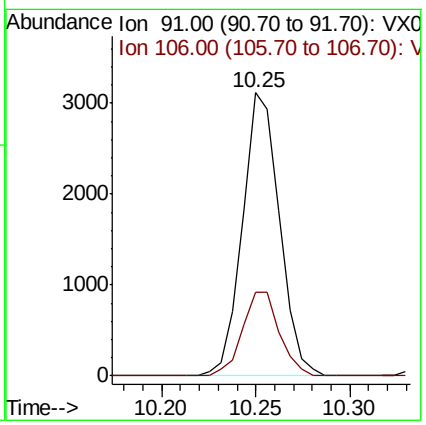


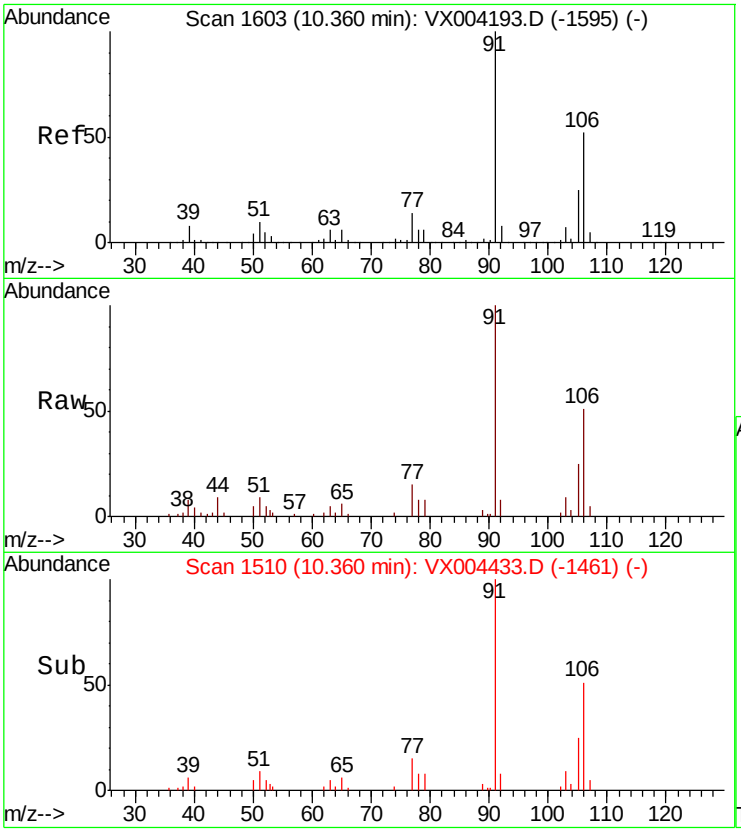


#67
Ethyl Benzene
Concen: 0.22 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion: 91 Resp: 4250

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.9	38.9



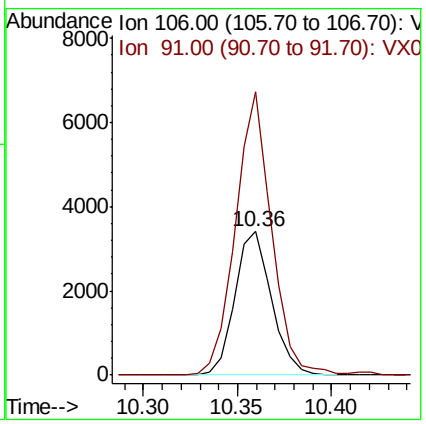


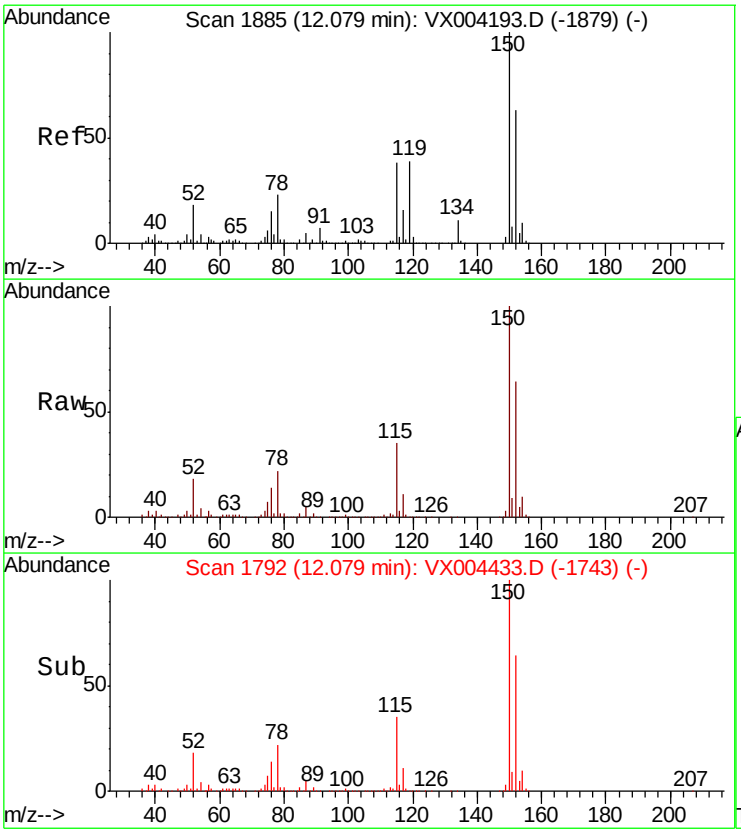
#68
m/p-Xylenes
Concen: 0.60 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument : MSVOA_X
ClientSampleId : SU-03-090618-B

Tgt Ion:106 Resp: 4582

Ion	Ratio	Lower	Upper
106	100		
91	194.9	157.1	235.7

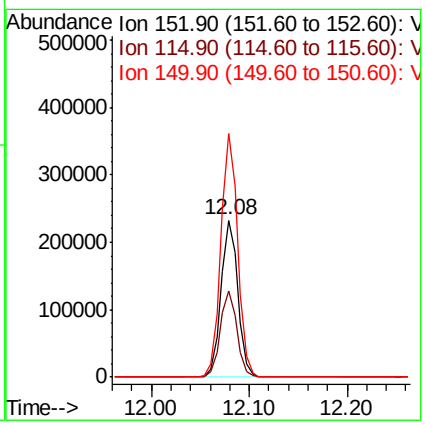


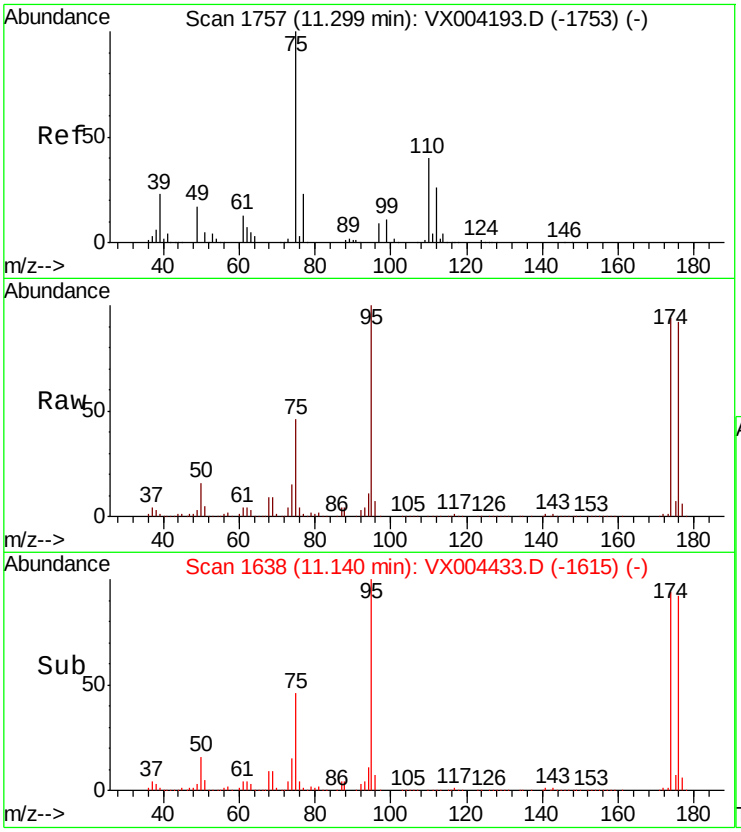


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:152 Resp: 276259

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.0	117.0
150	155.6	0.0	351.0



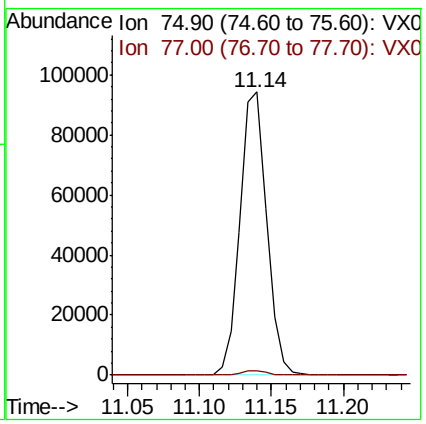


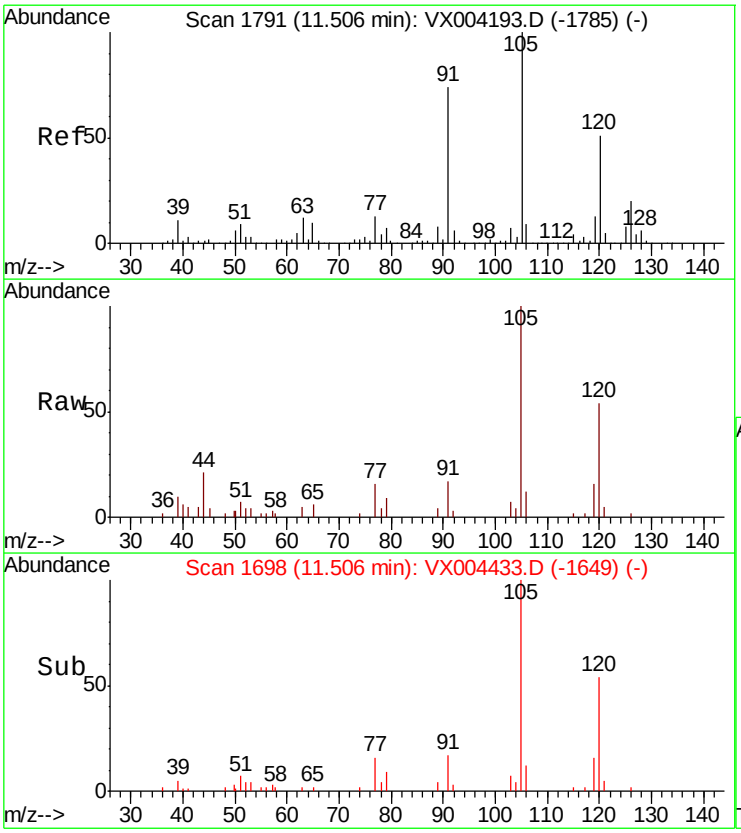
#76
1,2,3-Trichloropropane
Concen: 21.65 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 75 Resp: 121635

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#

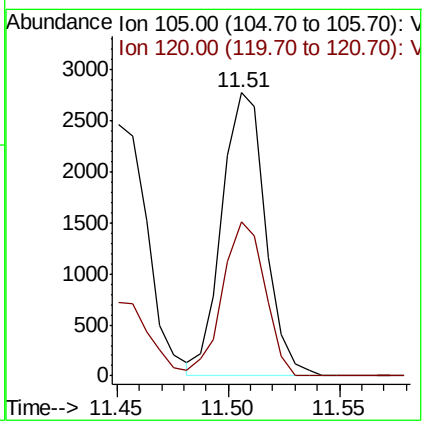


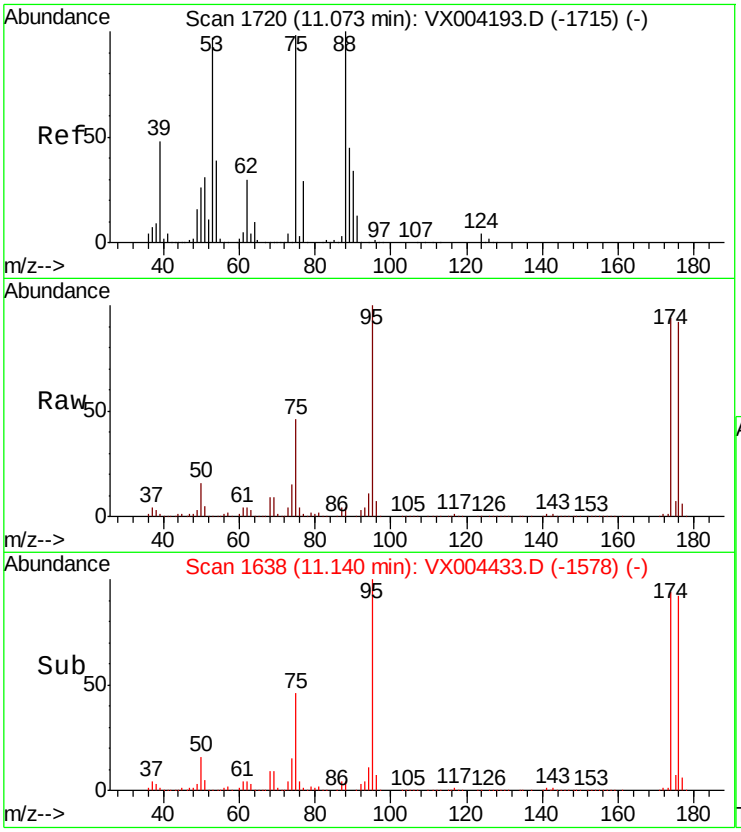


#80
1,3,5-Trimethylbenzene
Concen: 0.25 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:105 Resp: 3775

Ion	Ratio	Lower	Upper
105	100		
120	52.7	25.6	76.8



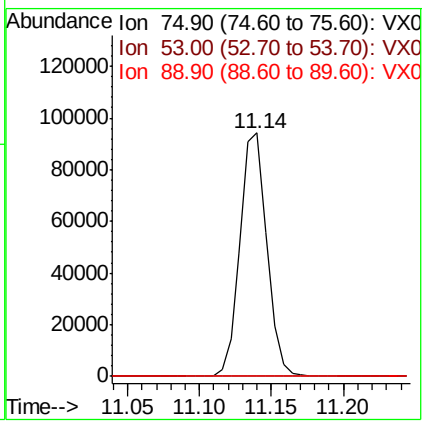


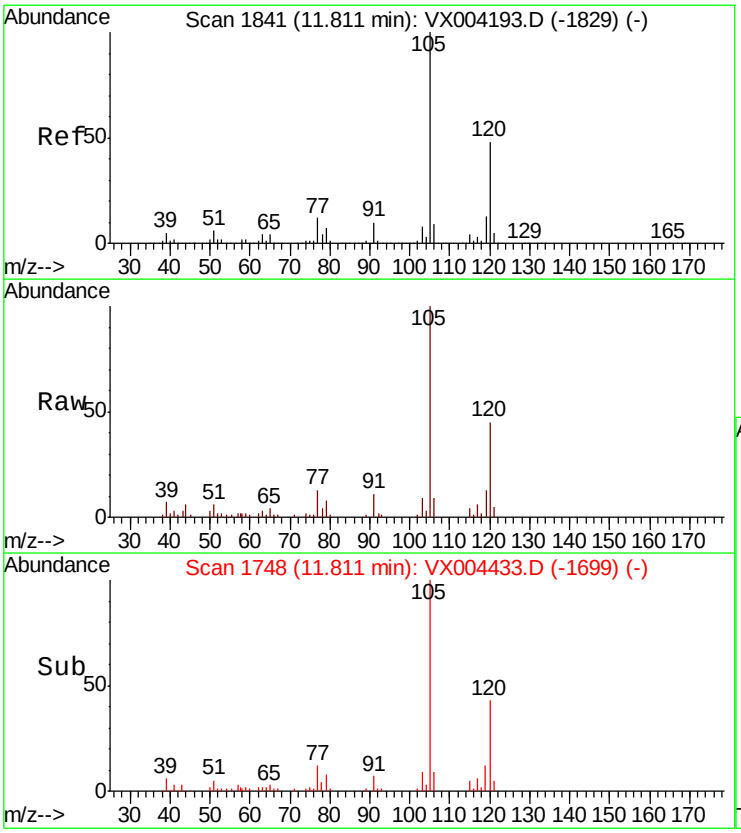
#81
trans-1,4-Dichloro-2-butene
Concen: 70.24 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion: 75 Resp: 121635

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

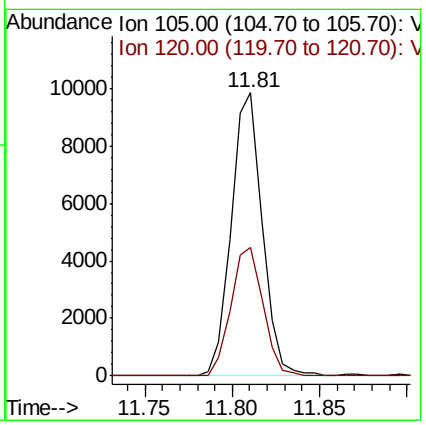


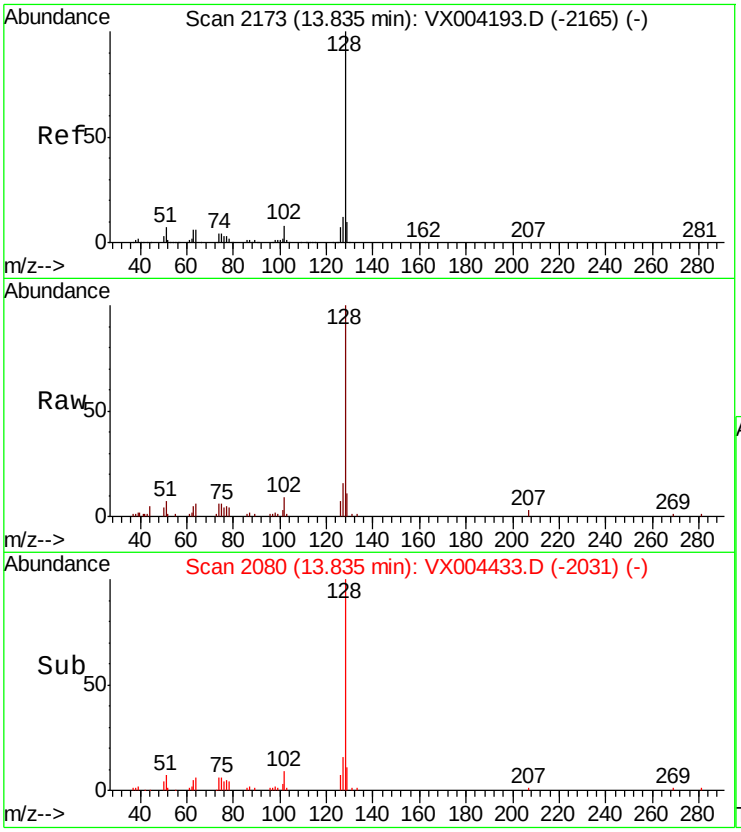


#84
1,2,4-Trimethylbenzene
Concen: 0.79 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Tgt Ion:105 Resp: 12125

Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.2	69.6





#95
Naphthalene
Concen: 0.61 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004433.D
Acq: 08 Sep 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
SU-03-090618-B

Tgt Ion:128 Resp: 10953

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	11.0	8.6	12.8