Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

Quantitation Report (Not Reviewed)

Data File : VX008834.D
Acq On : 11 Apr 2019 03:28
Operator : JC/SP
Sample : K2203-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-040919-A

Quant Time: Apr 11 06:02:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129314	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.98%			
35) Dibromofluoromethane	5.50	113	93418	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.14%			
50) Toluene-d8	8.71	98	396729	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.34%			
62) 4-Bromofluorobenzene	11.13	95	128543	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.76%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	434	Below Cal		92
5) Bromomethane	1.64	94	126	1.967	ug/l	85
6) Chloroethane	1.73	64	335	Below Cal	#	43
11) Tert butyl alcohol	3.04	59	235	0.357	ug/l #	72
16) Acetone	2.44	43	18475	11.407	ug/l	97
17) Carbon Disulfide	2.57	76	586	Below Cal	#	75
18) Methyl Acetate	2.78	43	2355	0.600	ug/l	95
20) Methylene Chloride	2.85	84	7310	2.696	ug/l	94
25) 2-Butanone	4.68	43	1800	0.703	ug/l	95
28) Bromochloromethane	4.95	49	24	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	1388	0.817	ug/l #	80
30) Chloroform	5.21	83	1973	0.454	ug/l	98
31) Cyclohexane	5.66	56	4341	0.893	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15770	4.598	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18546	6.534	ug/l #	16
43) Isopropyl Acetate	6.45	43	9779	1.364	ug/l	97
47) Bromodichloromethane	7.90	83	713	0.224	ug/l #	97
48) Methyl methacrylate	7.68	41	5944	1.639	ug/l #	18
49) 1,4-Dioxane	7.69	88	45	0.662	ug/l #	19
51) 4-Methyl-2-Pentanone	8.61	43	75252	16.302	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	32557	7.976	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	7001	1.613	ug/l #	43
59) 2-Hexanone	9.54	43	112977	31.492	ug/l #	52
68) m/p-Xylenes	10.36	106	917	0.228	ug/l	92
73) Isopropylbenzene	11.02	105	1859	0.206	ug/l	97
74) N-amyl acetate	10.69	43	10661	2.007	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	64953	21.705	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	1910	0.252	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	64953	59.832	ug/l #	9
95) Naphthalene	13.83	128	7136	0.796	ug/l	99

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

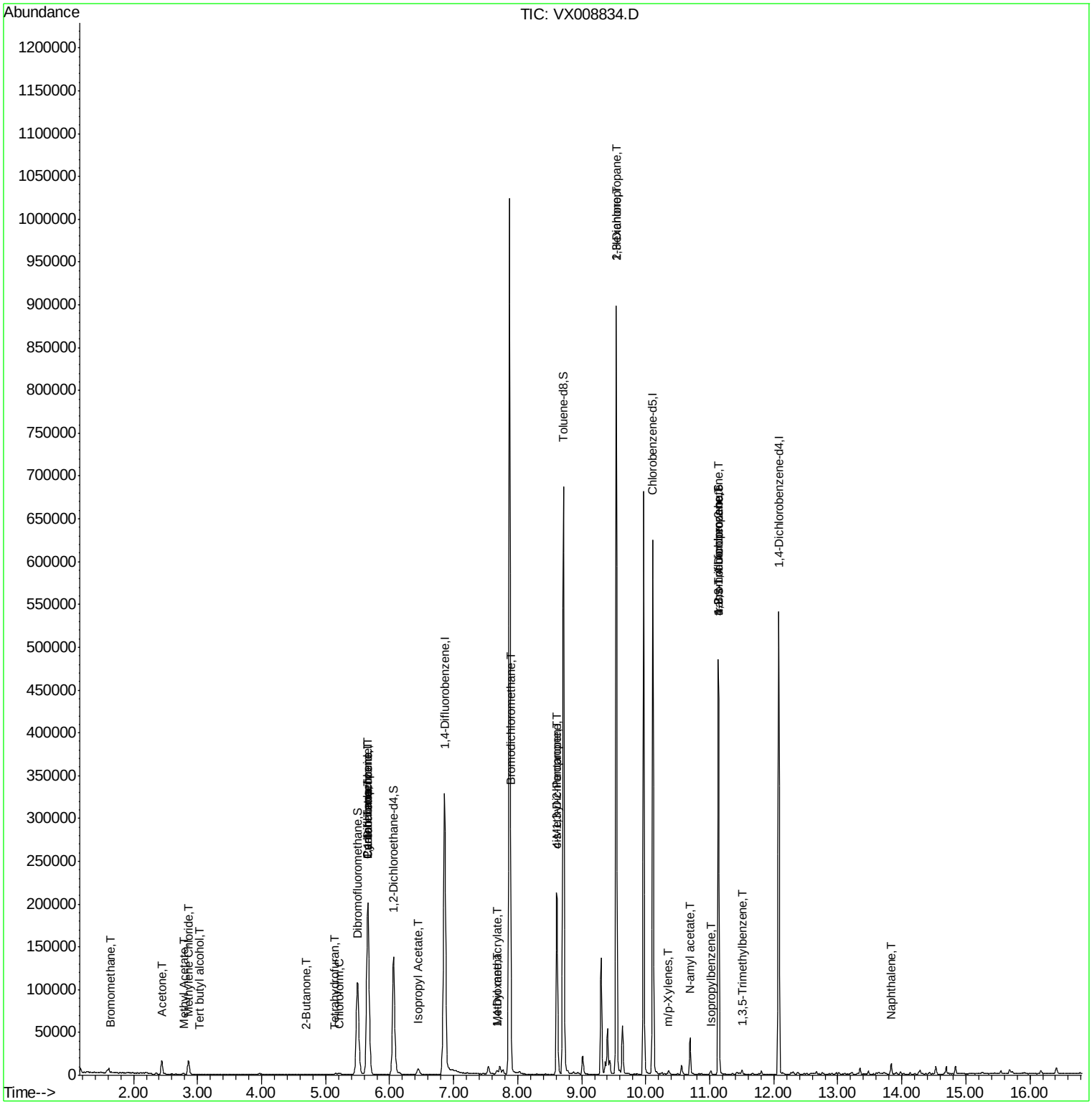
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

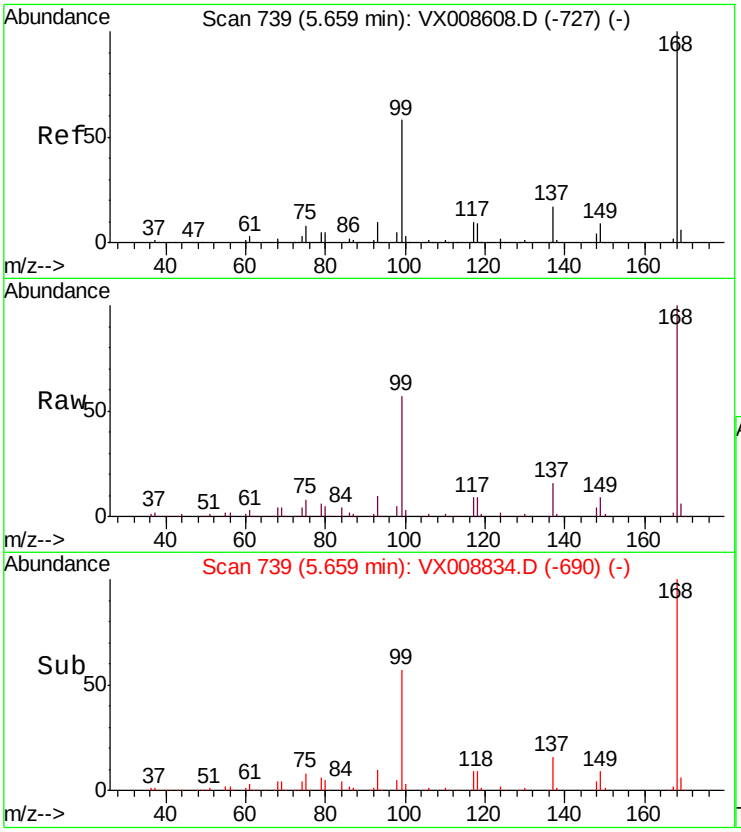
Quantitation Report (Not Reviewed)

Data File : VX008834.D
Acq On : 11 Apr 2019 03:28
Operator : JC/SP
Sample : K2203-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-04-040919-A

Quant Time: Apr 11 06:02:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



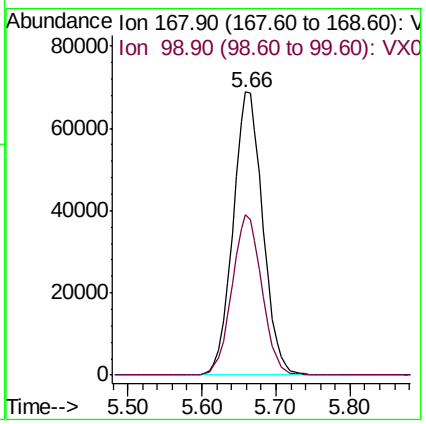


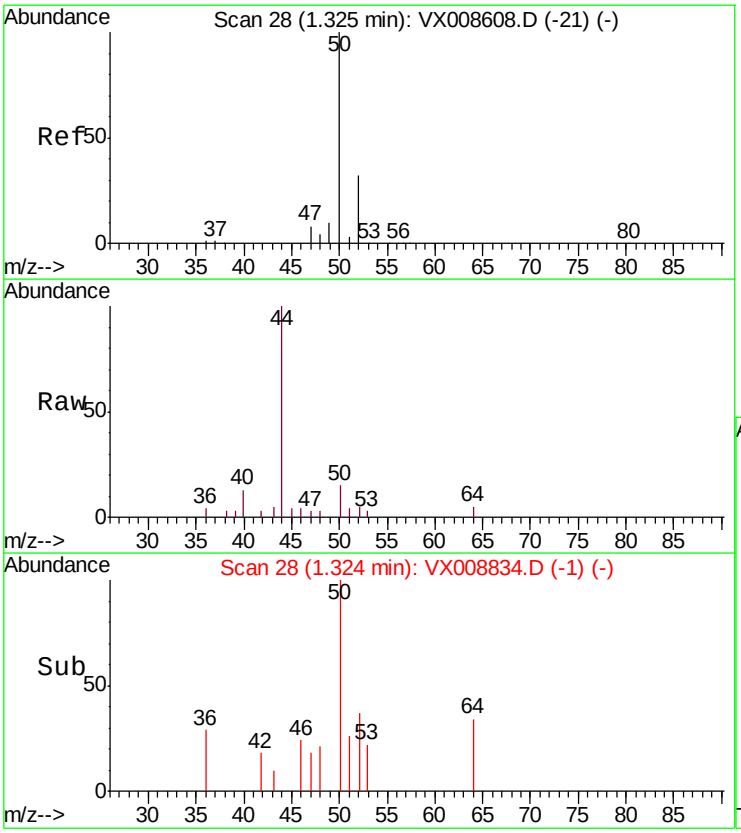
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion:168 Resp: 192799

Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.7	70.1

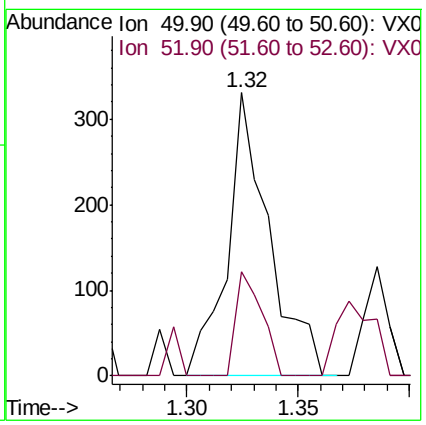


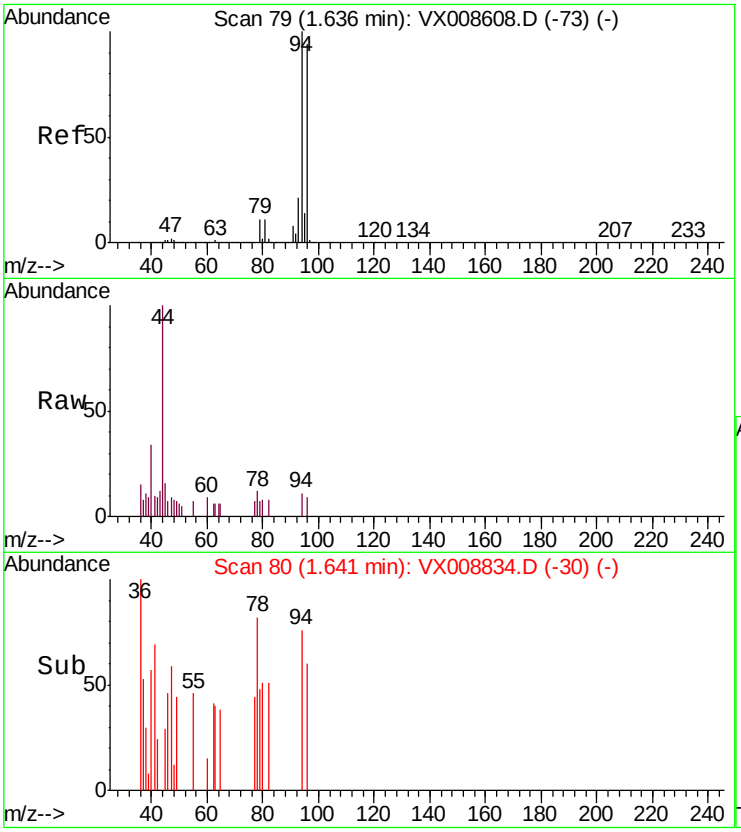


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 50 Resp: 434

Ion	Ratio	Lower	Upper
50	100		
52	36.9	25.8	38.8



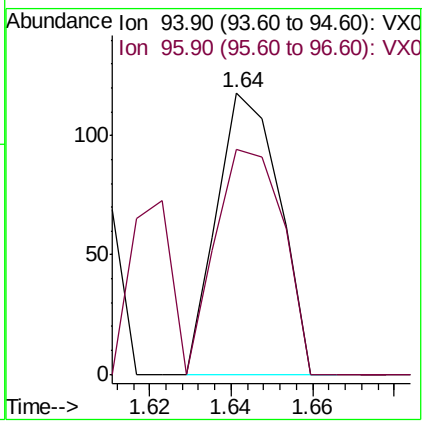


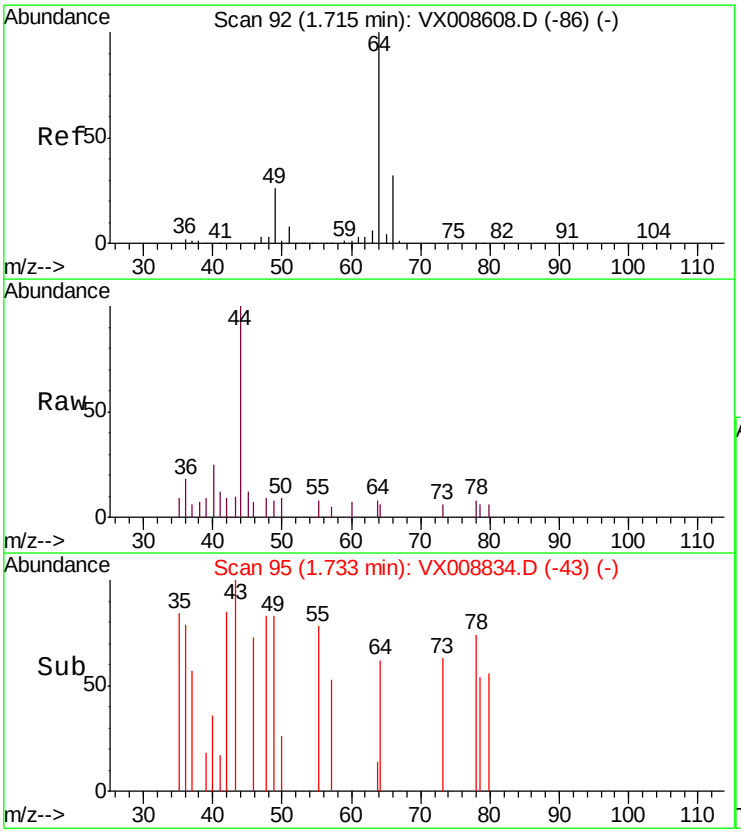
#5
Bromomethane
Concen: 1.967 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 94 Resp: 126

Ion	Ratio	Lower	Upper
94	100		
96	79.7	75.2	112.8

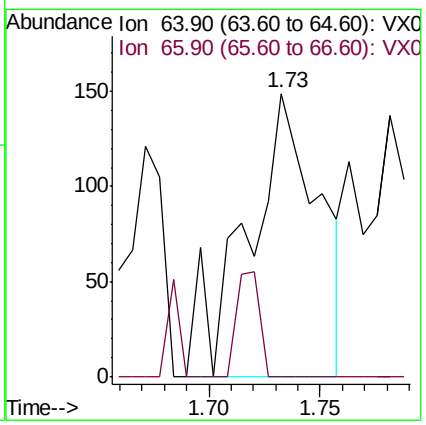


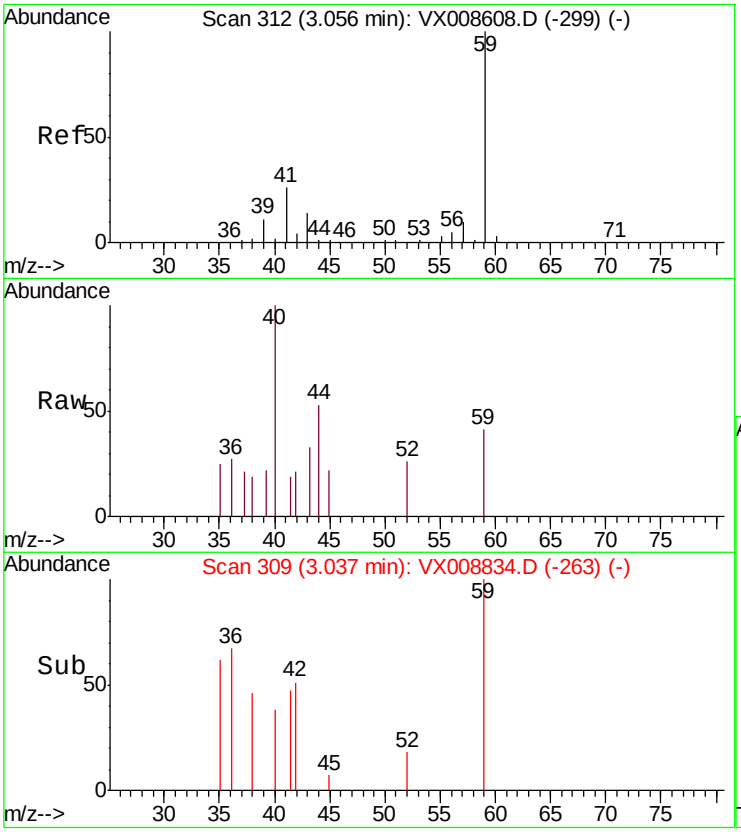


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 64 Resp: 335

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



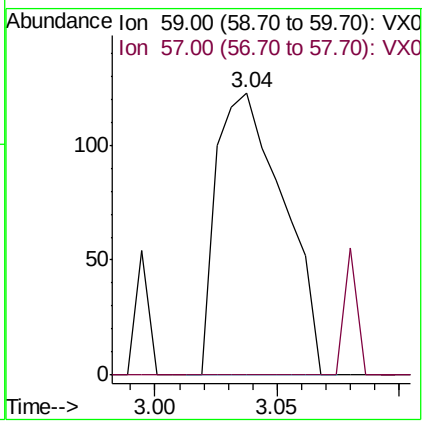


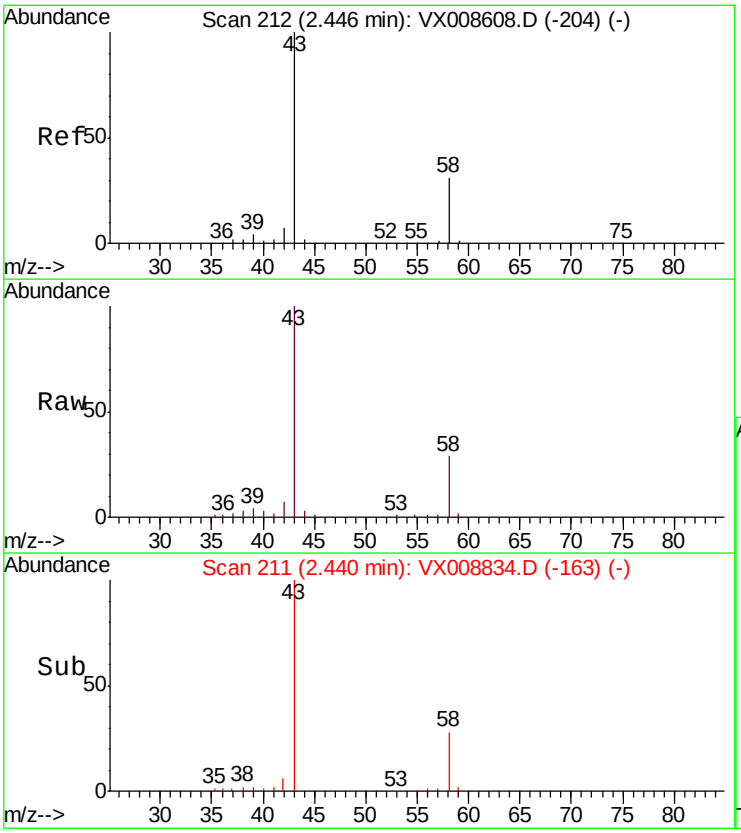
#11
Tert butyl alcohol
Concen: 0.357 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.02 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 59 Resp: 235

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

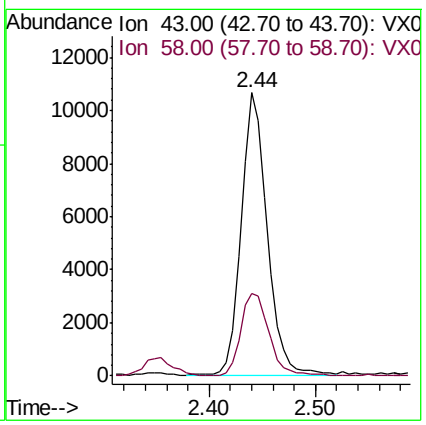


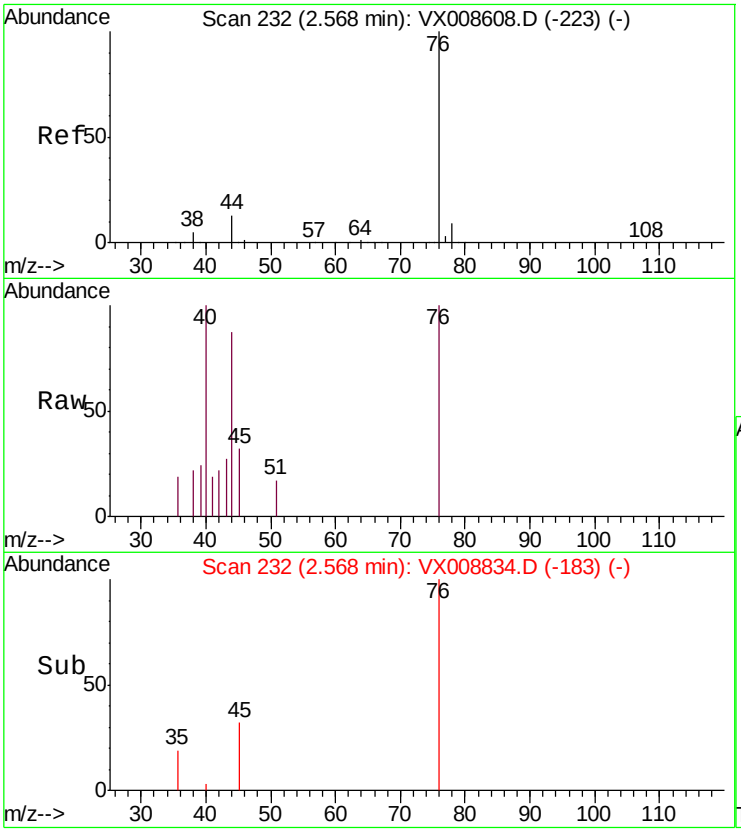


#16
Acetone
Concen: 11.407 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 18475

Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.8	37.2



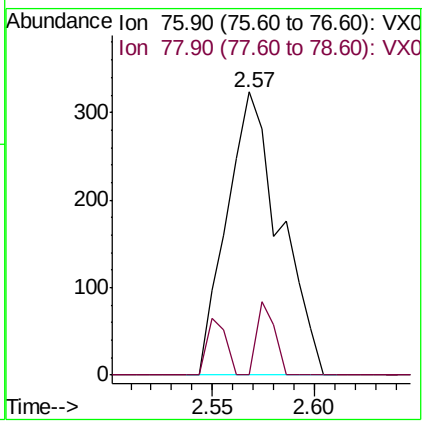


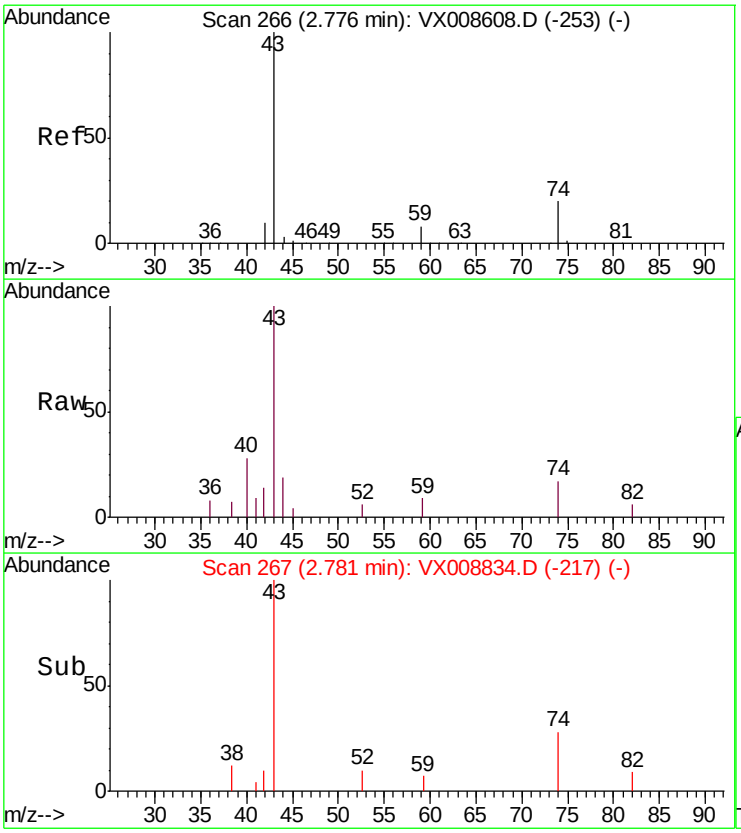
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 76 Resp: 586

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

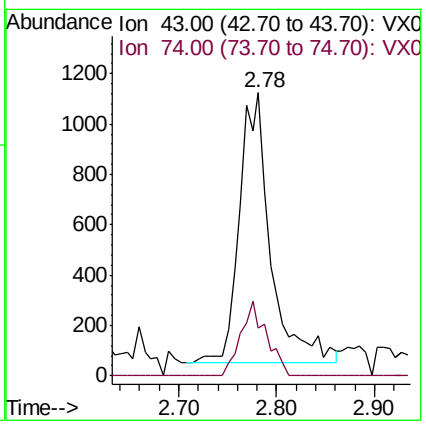


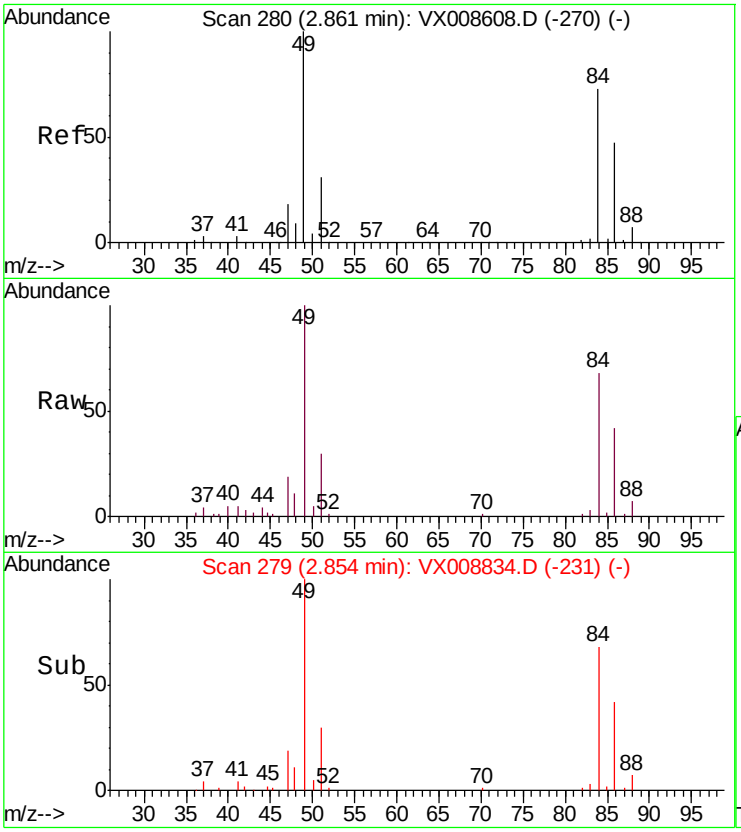


#18
Methyl Acetate
Concen: 0.600 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 2355

Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.5	24.7



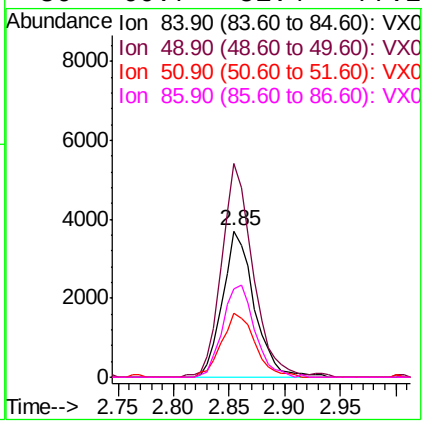


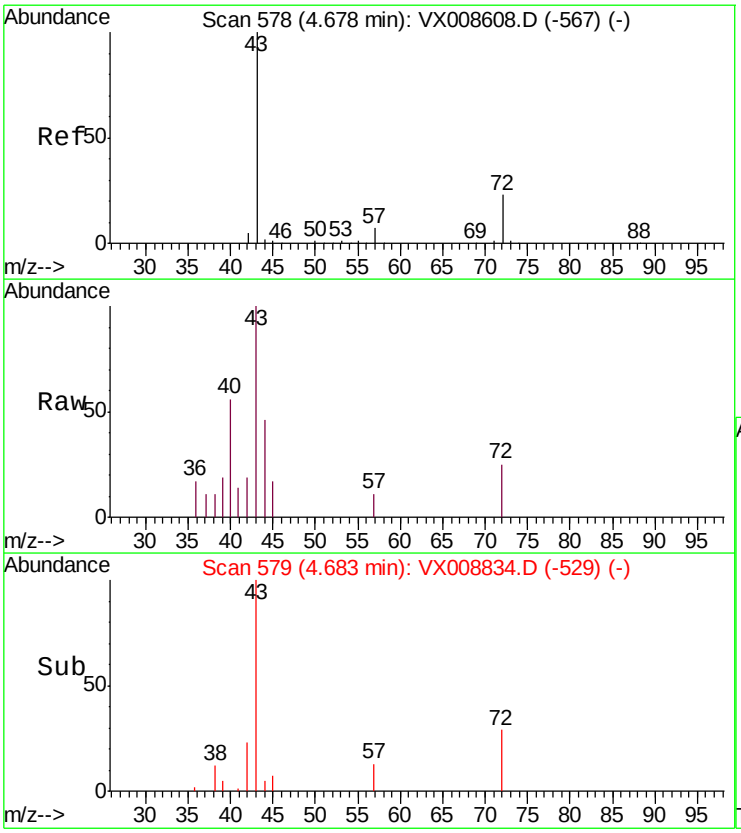
#20
Methylene Chloride
Concen: 2.696 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 84 Resp: 7310

Ion	Ratio	Lower	Upper
84	100		
49	146.0	109.7	164.5
51	44.0	33.6	50.4
86	60.7	51.4	77.2

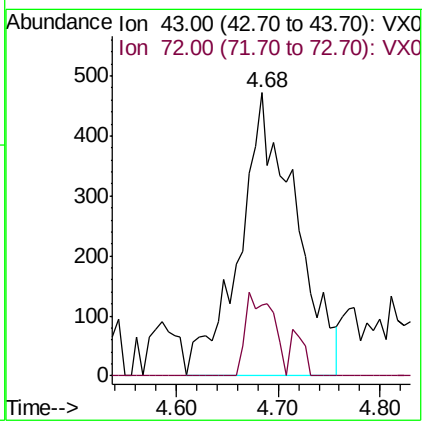


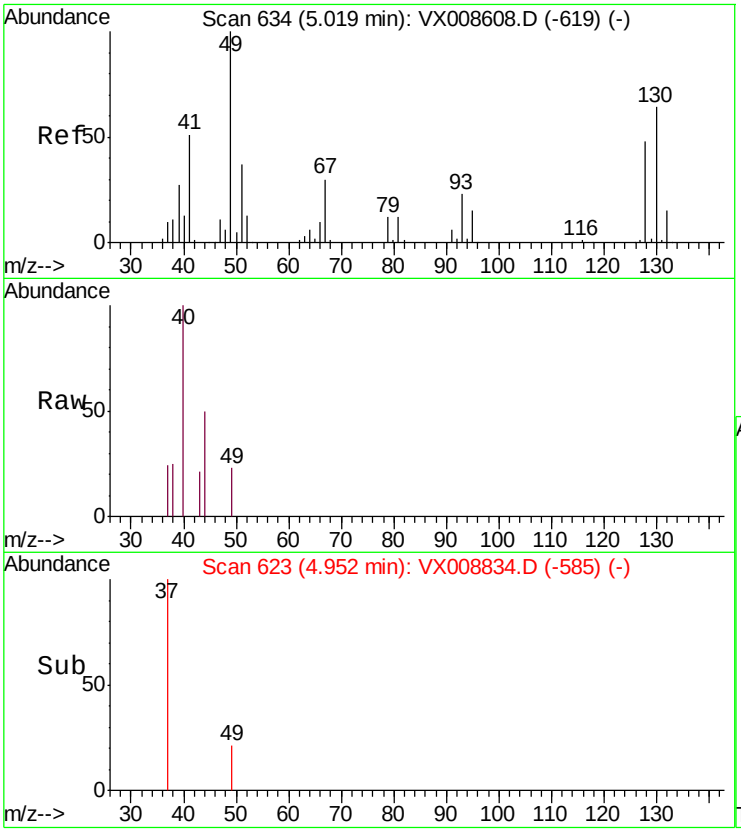


#25
2-Butanone
Concen: 0.703 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 1800

Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.2	27.4



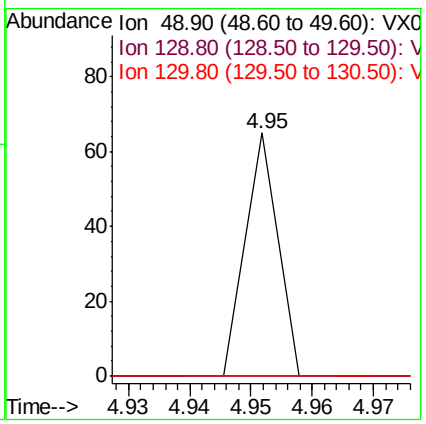


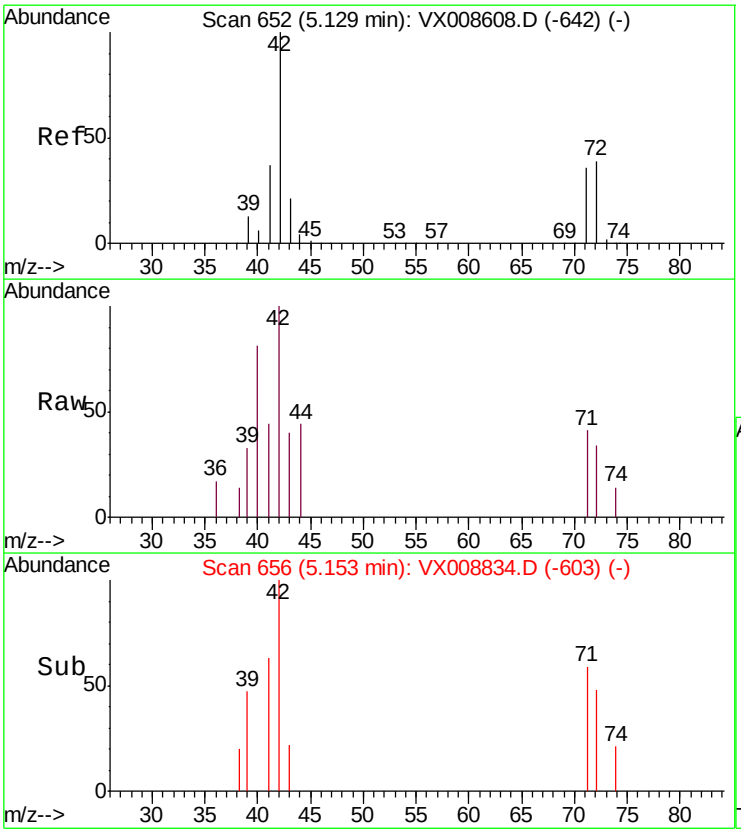
#28
Bromochloromethane
Concen: Below Cal
RT: 4.95 min Scan# 623
Delta R.T. -0.07 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 49 Resp: 24

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

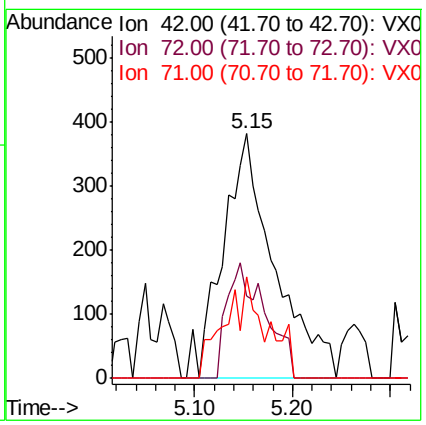


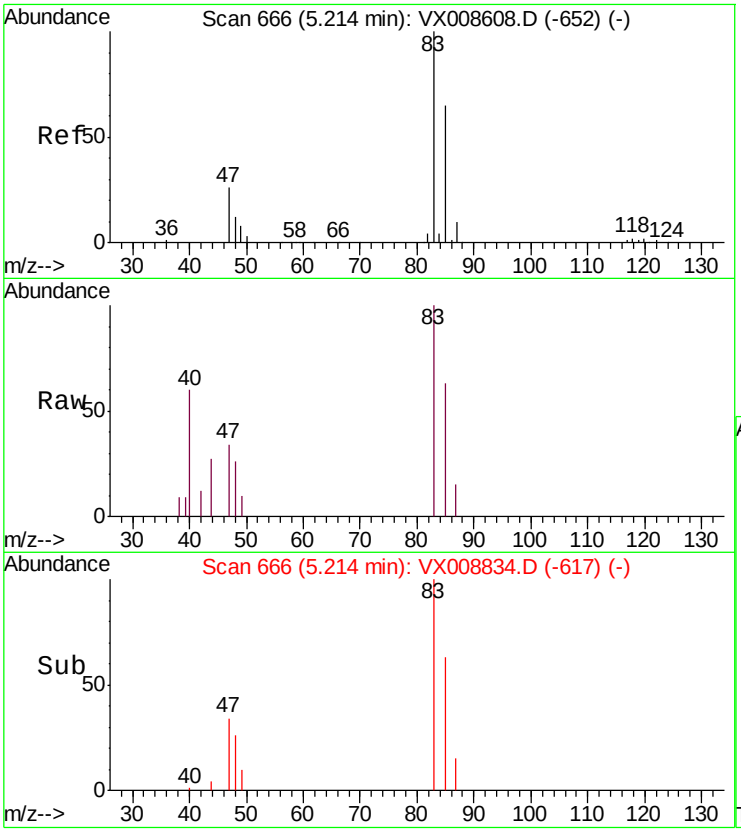


#29
Tetrahydrofuran
Concen: 0.817 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 42 Resp: 1388

Ion	Ratio	Lower	Upper
42	100		
72	35.0	30.5	45.7
71	14.9	28.6	43.0#



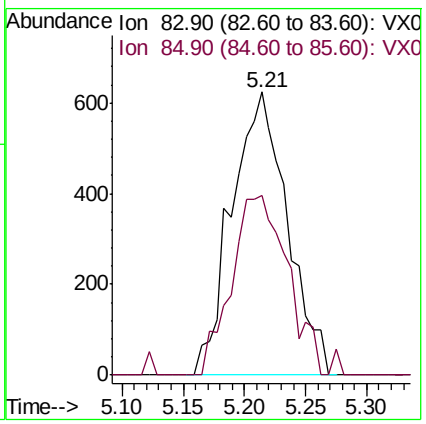


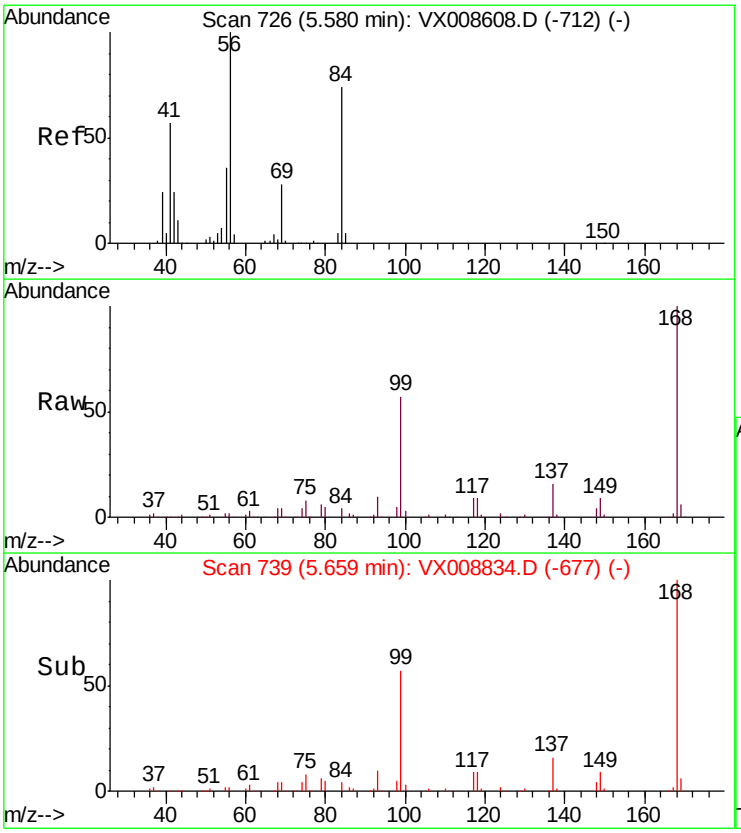
#30
Chloroform
Concen: 0.454 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 83 Resp: 1973

Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.1	78.1

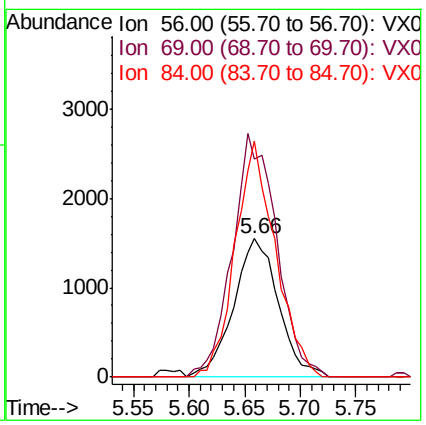


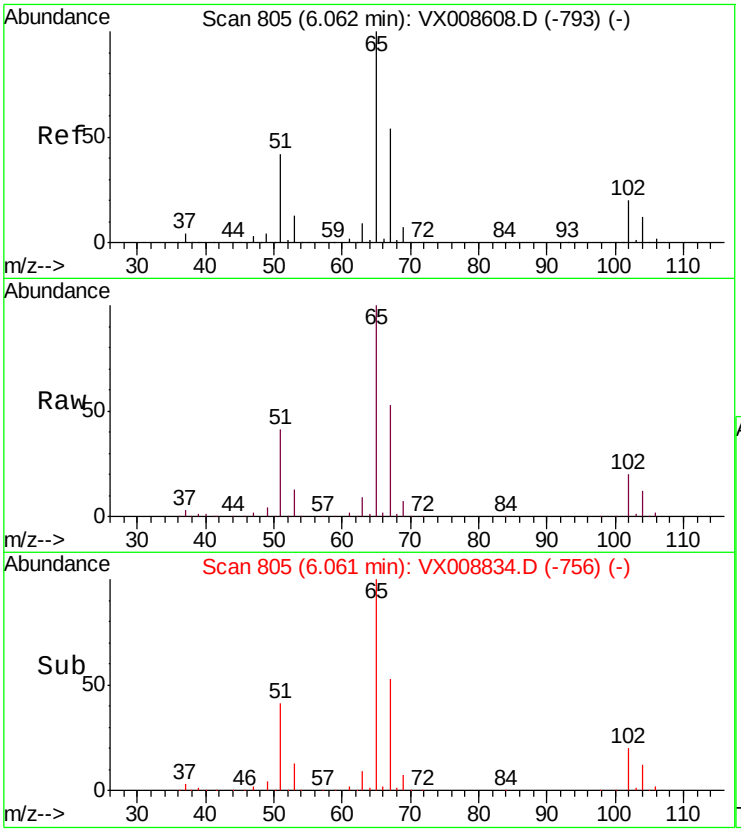


#31
Cyclohexane
Concen: 0.893 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 56 Resp: 4341

Ion	Ratio	Lower	Upper
56	100		
69	157.7	22.6	33.8#
84	170.6	59.3	88.9#



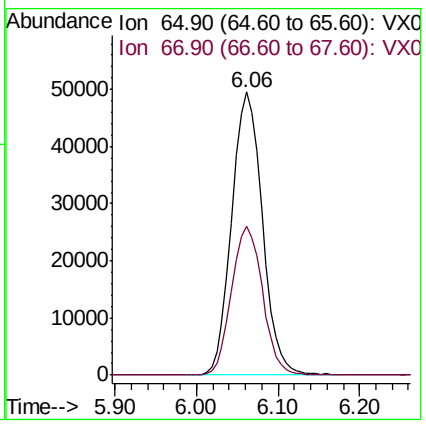


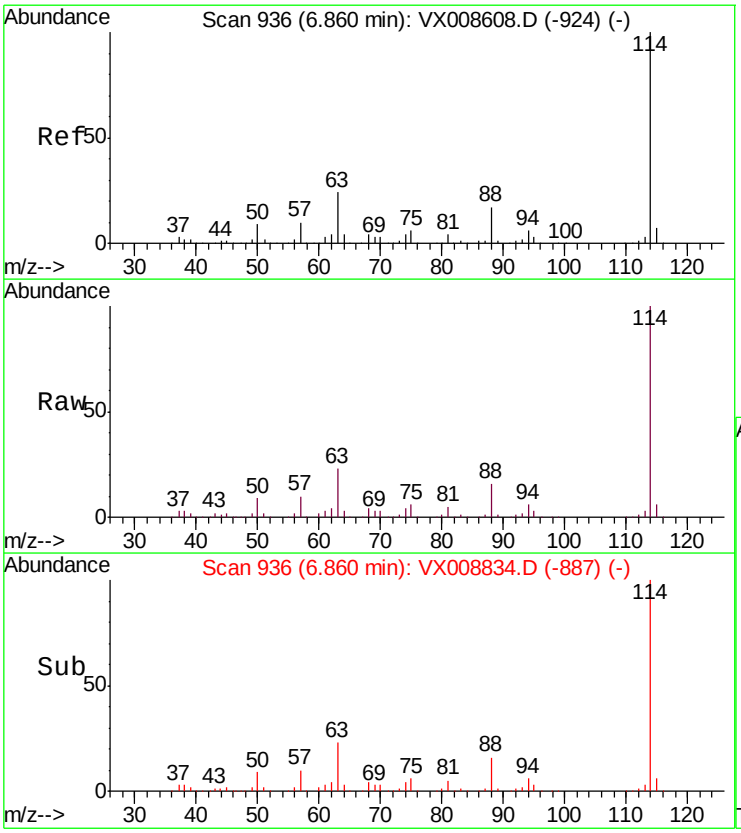
#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 65 Resp: 129314

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

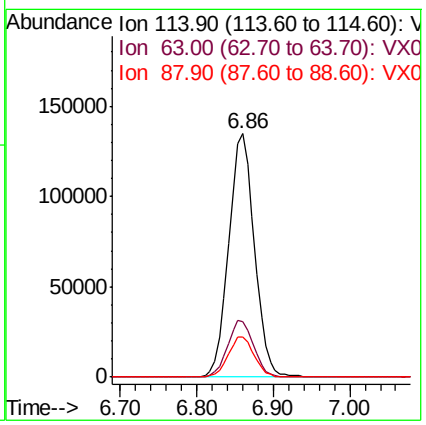


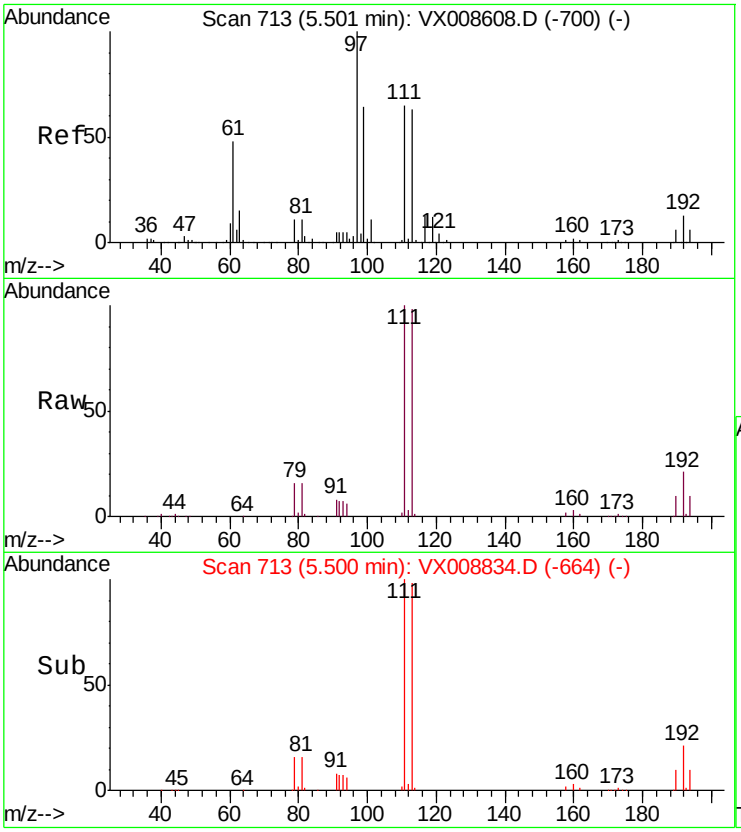


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion:114 Resp: 313743

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	47.2
88	16.5	0.0	34.0



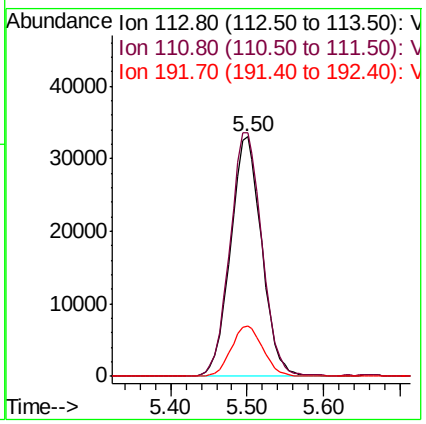


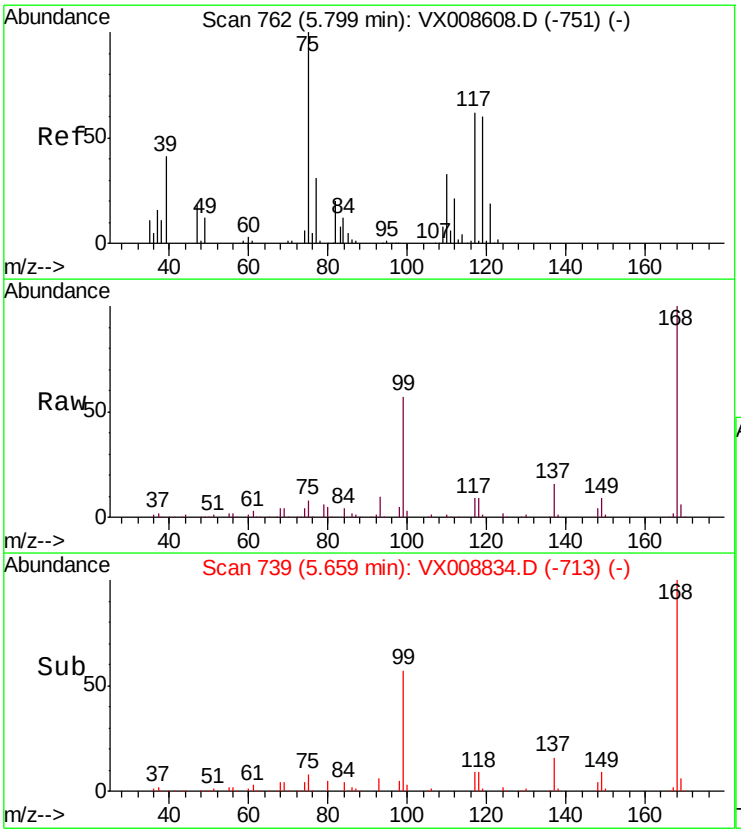
#35
Dibromofluoromethane
Concen: 46.570 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion:113 Resp: 93418

Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.2
192	21.4	16.1	24.1

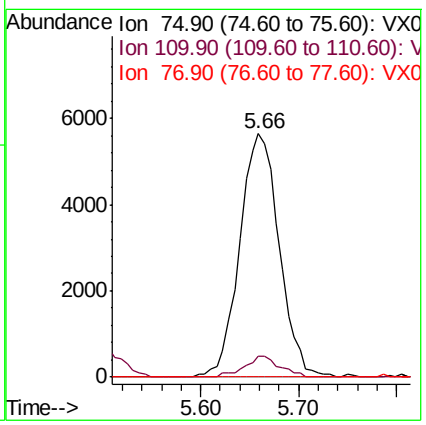


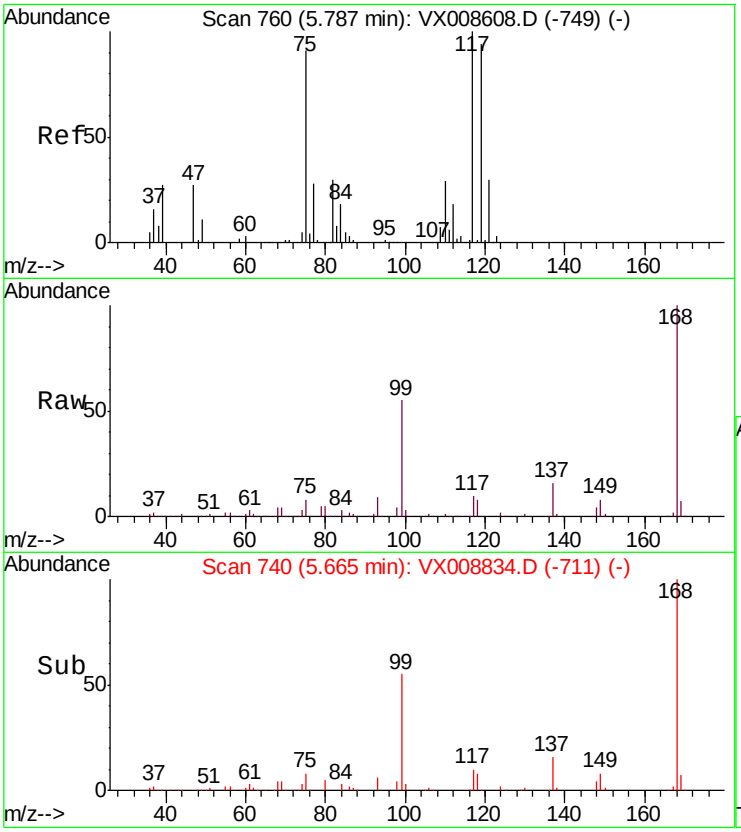


#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 75 Resp: 15770

Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.4	49.2#
77	0.0	24.7	37.1#



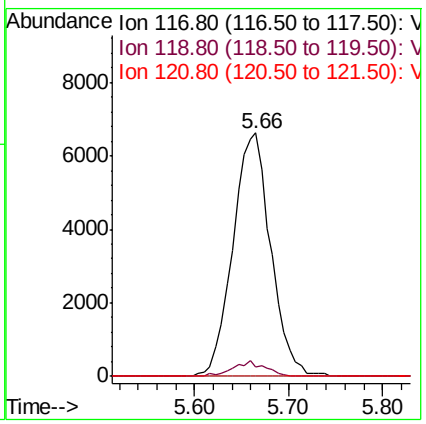


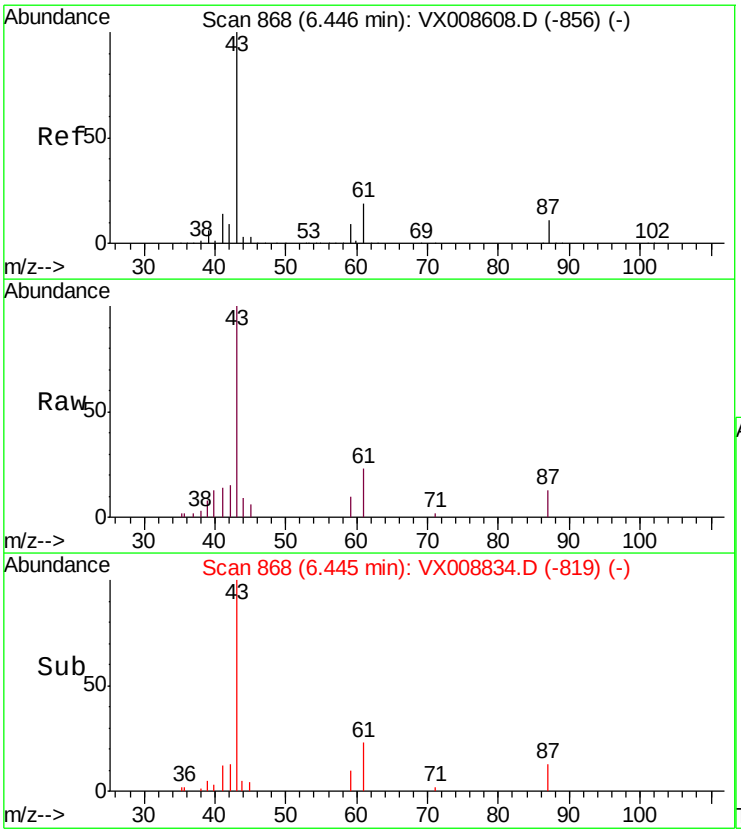
#38
Carbon Tetrachloride
Concen: 6.534 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion:117 Resp: 18546

Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.0	112.6#
121	0.0	24.3	36.5#

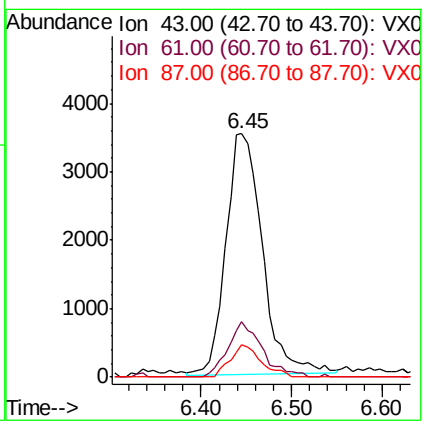


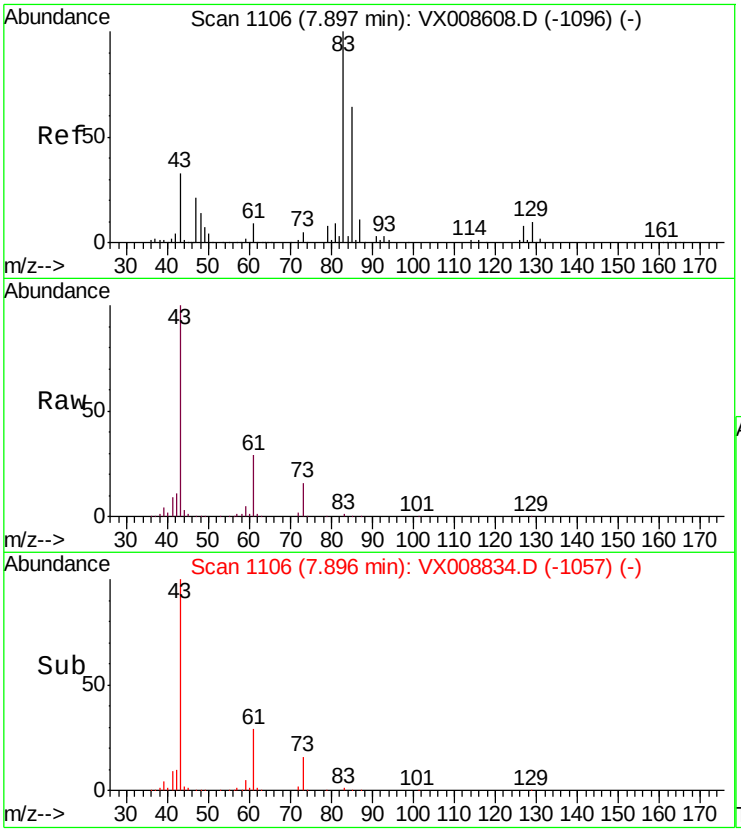


#43
Isopropyl Acetate
Concen: 1.364 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 9779

Ion	Ratio	Lower	Upper
43	100		
61	21.5	15.3	22.9
87	11.3	9.0	13.6



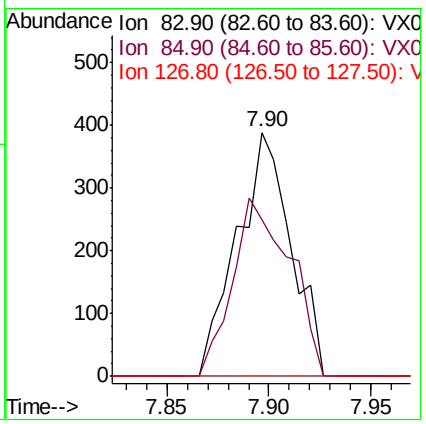


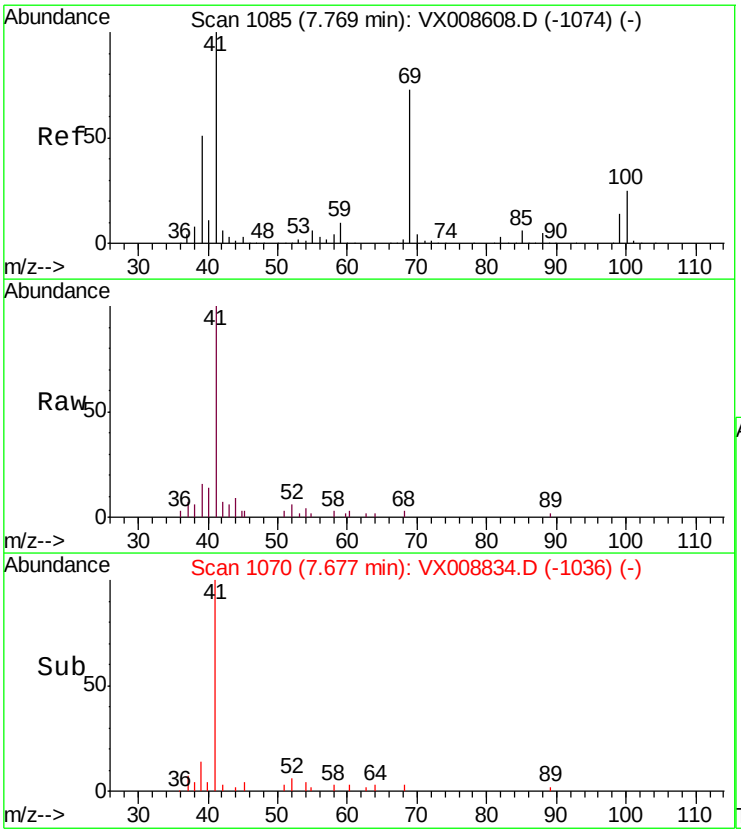
#47
Bromodichloromethane
Concen: 0.224 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 83 Resp: 713

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	0.0	6.6	10.0#

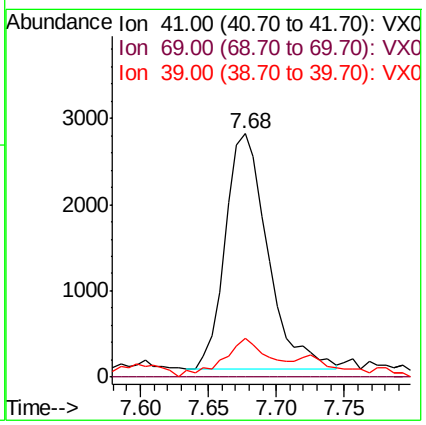


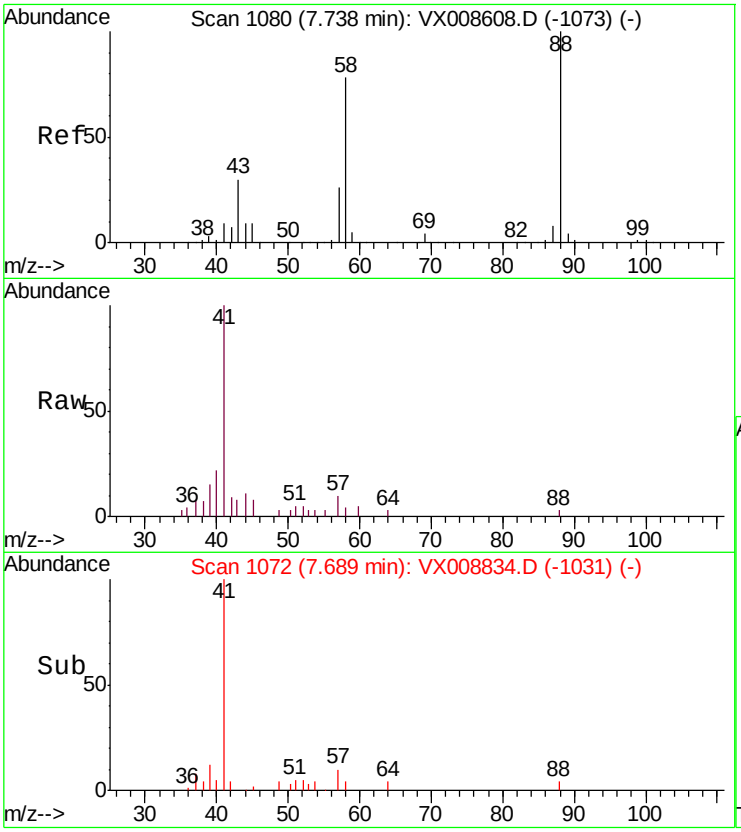


#48
Methyl methacrylate
Concen: 1.639 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 41 Resp: 5944

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	0.0	41.0	61.4#



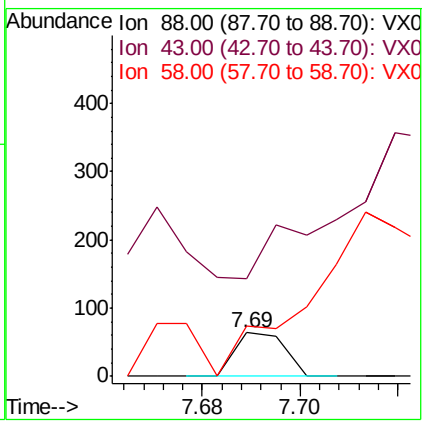


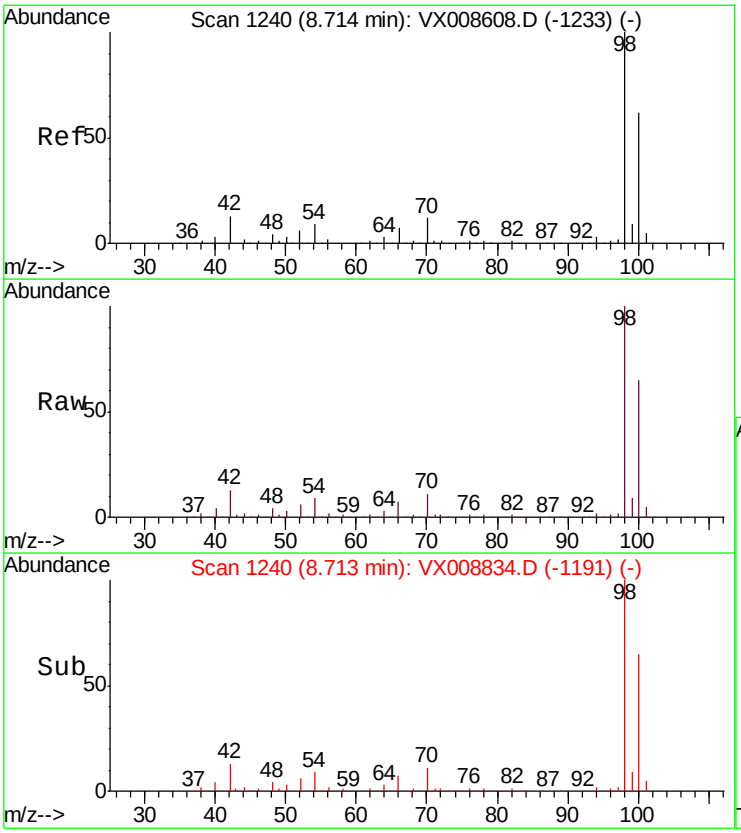
#49
1,4-Dioxane
Concen: 0.662 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 88 Resp: 45

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	43.0#
58	0.0	62.2	93.2#

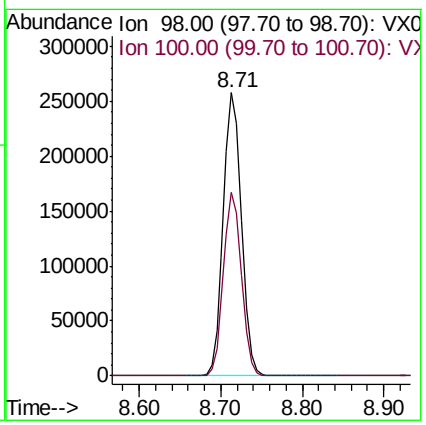


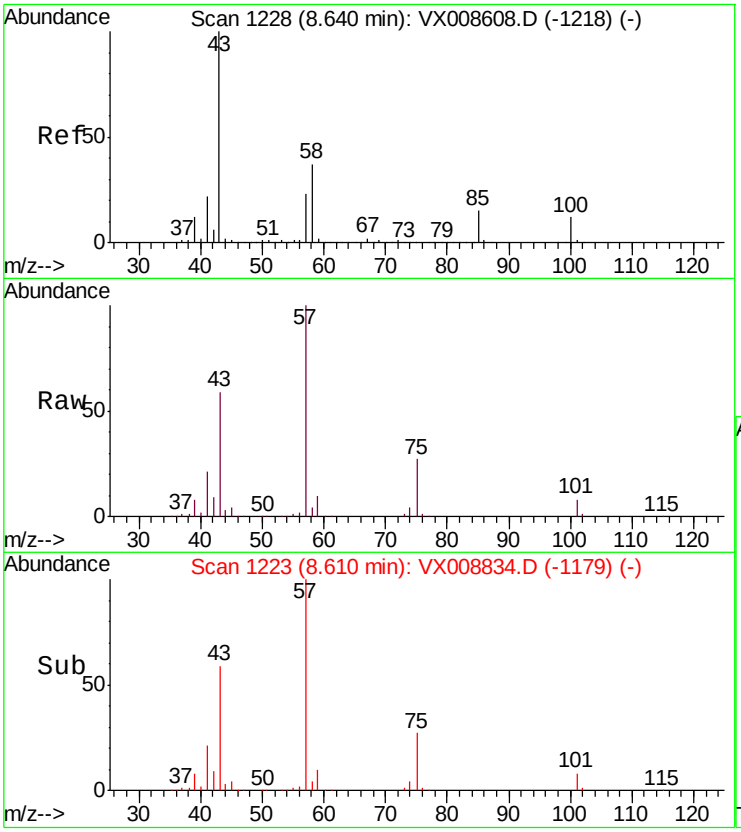


#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 98 Resp: 396729

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0



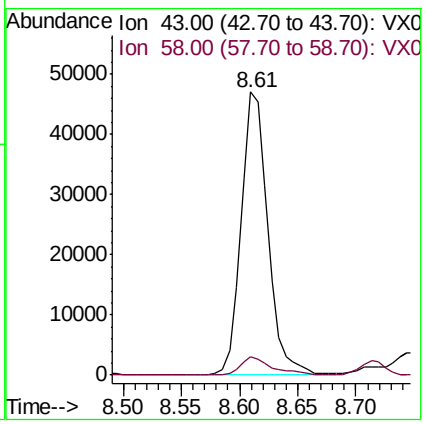


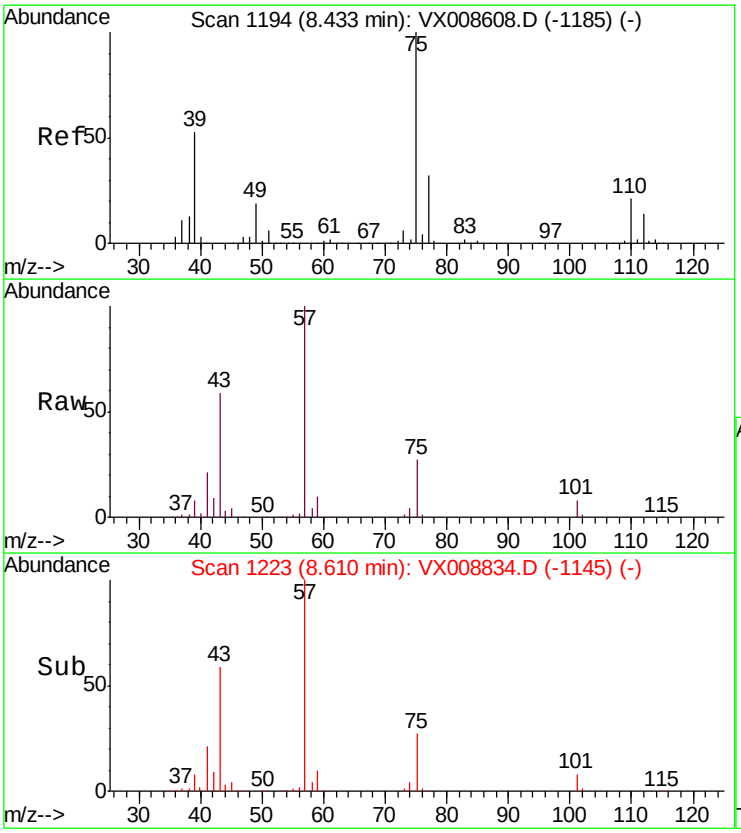
#51
4-Methyl-2-Pentanone
Concen: 16.302 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument : MSVOA_X
ClientSampleId : SU-04-040919-A

Tgt Ion: 43 Resp: 75252

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.5	44.3#

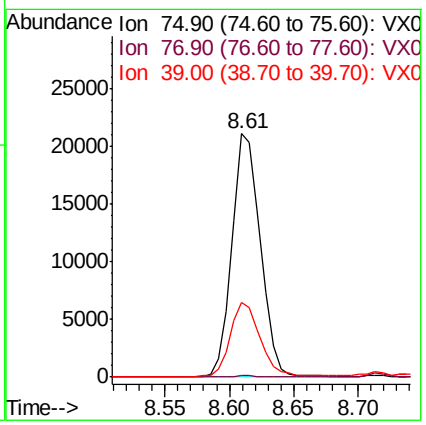


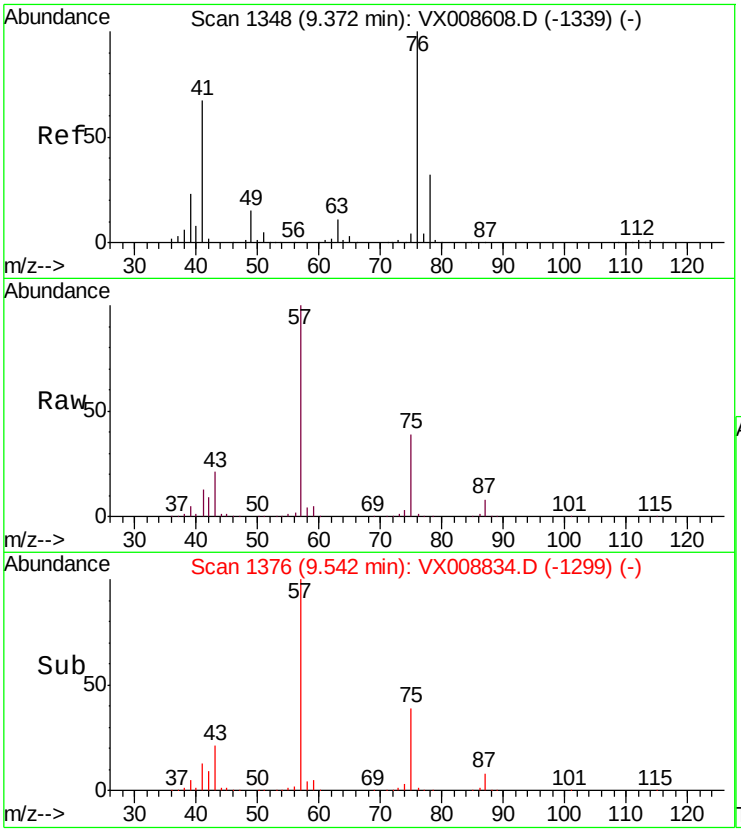


#54
cis-1,3-Dichloropropene
Concen: 7.976 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 75 Resp: 32557

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.3	37.9#
39	30.4	42.6	63.8#



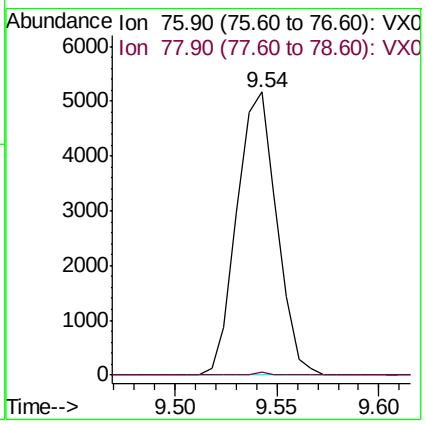


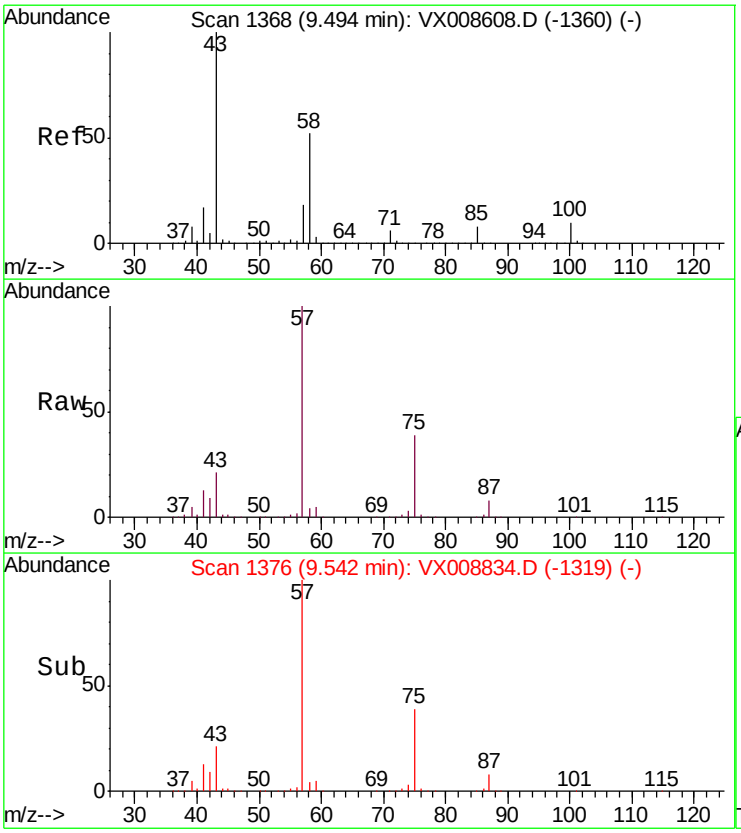
#57
1,3-Dichloropropane
Concen: 1.613 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 76 Resp: 7001

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#

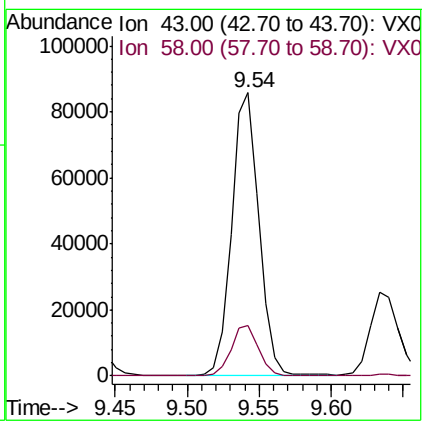


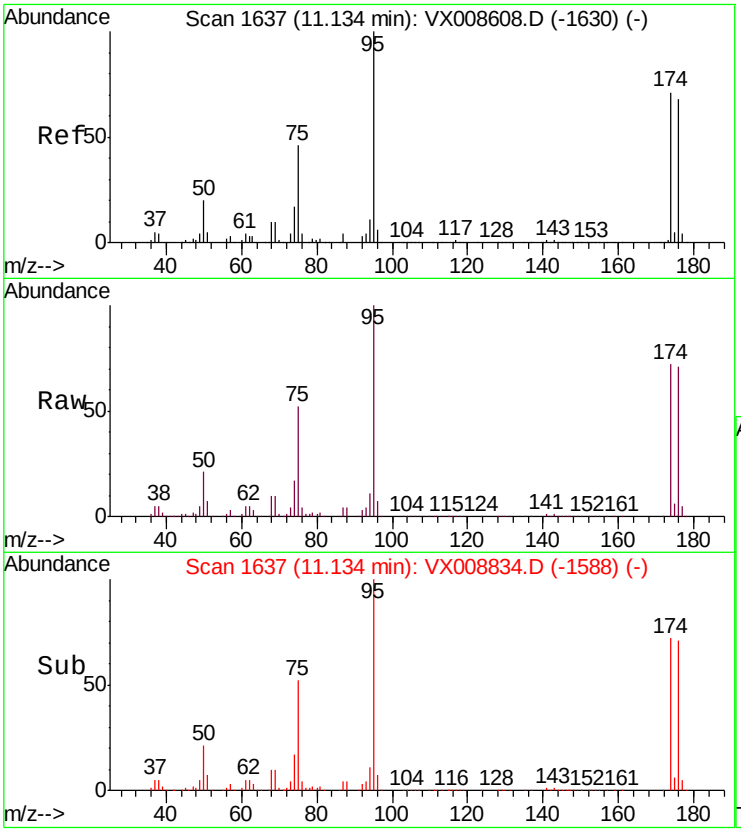


#59
2-Hexanone
Concen: 31.492 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 112977

Ion	Ratio	Lower	Upper
43	100		
58	18.5	25.9	77.7#



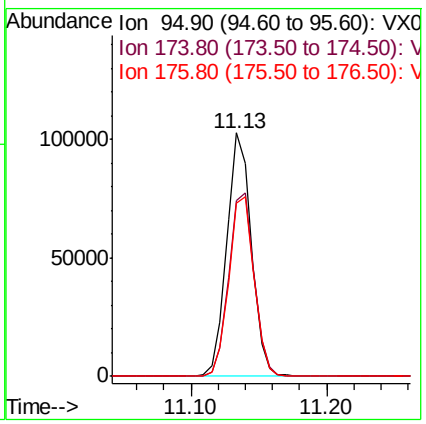


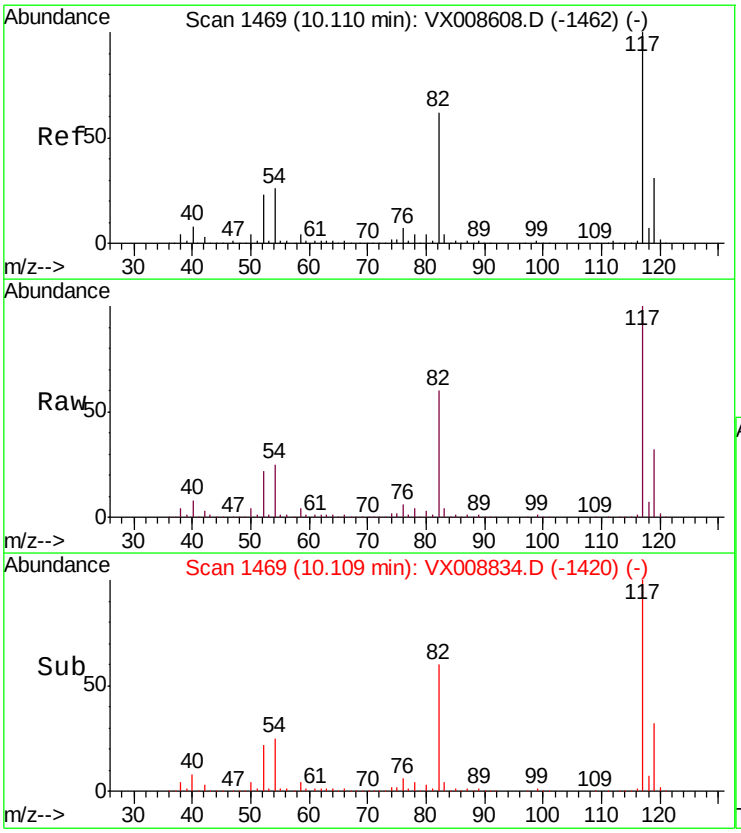
#62
4-Bromofluorobenzene
Concen: 45.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 95 Resp: 128543

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	151.8
176	76.4	0.0	145.8

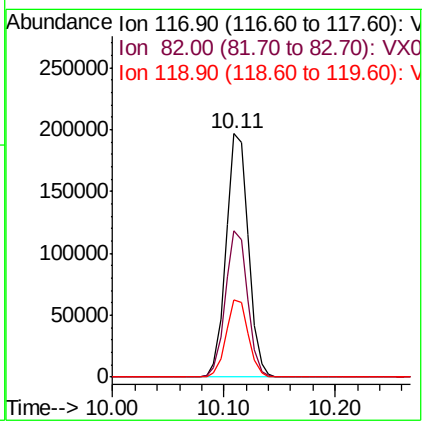


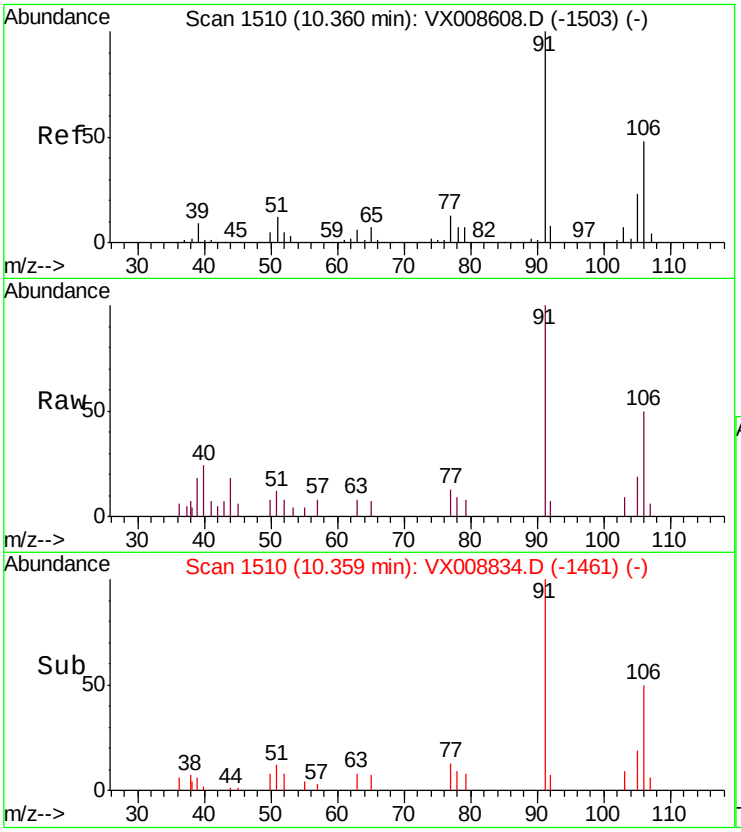


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion:117 Resp: 271003

Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.6	74.4
119	31.9	25.0	37.4



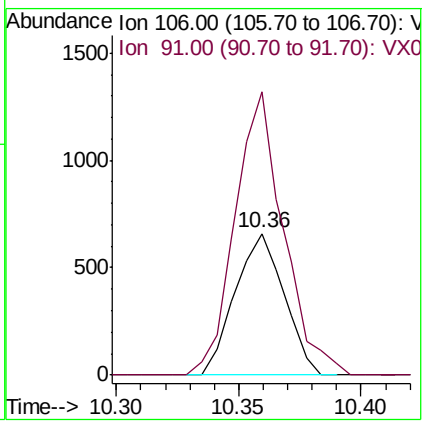


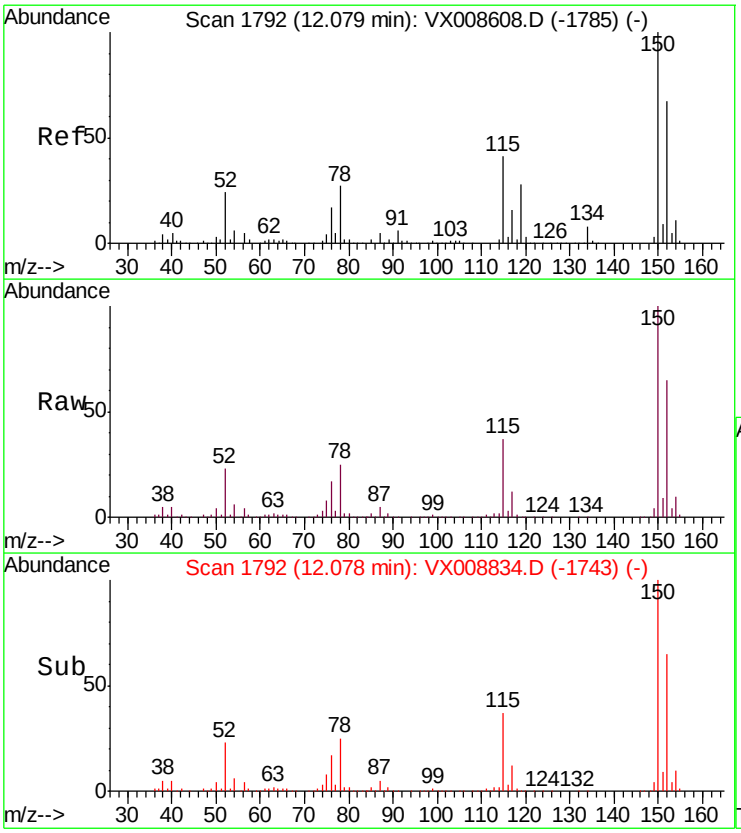
#68
m/p-Xylenes
Concen: 0.228 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion:106 Resp: 917

Ion	Ratio	Lower	Upper
106	100		
91	197.9	168.5	252.7

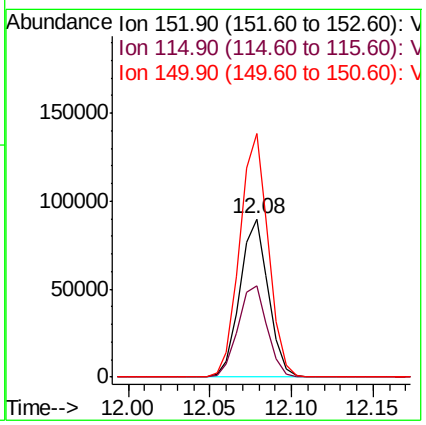


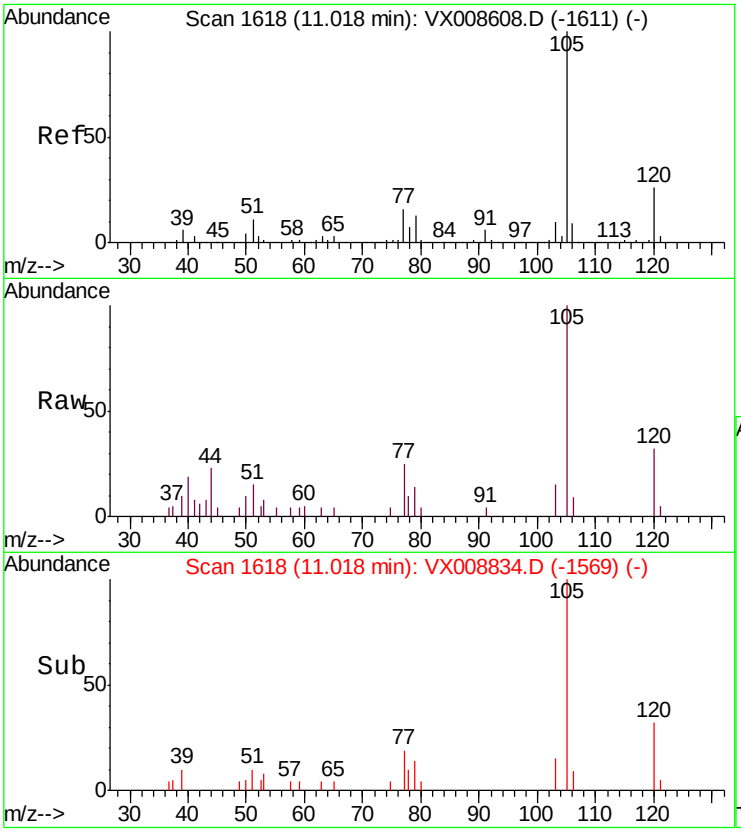


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion:152 Resp: 108933

Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.5	130.5
150	155.3	0.0	348.8



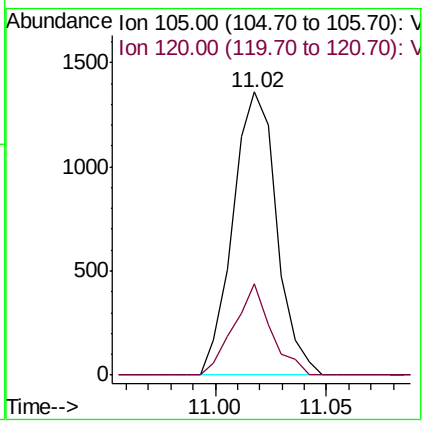


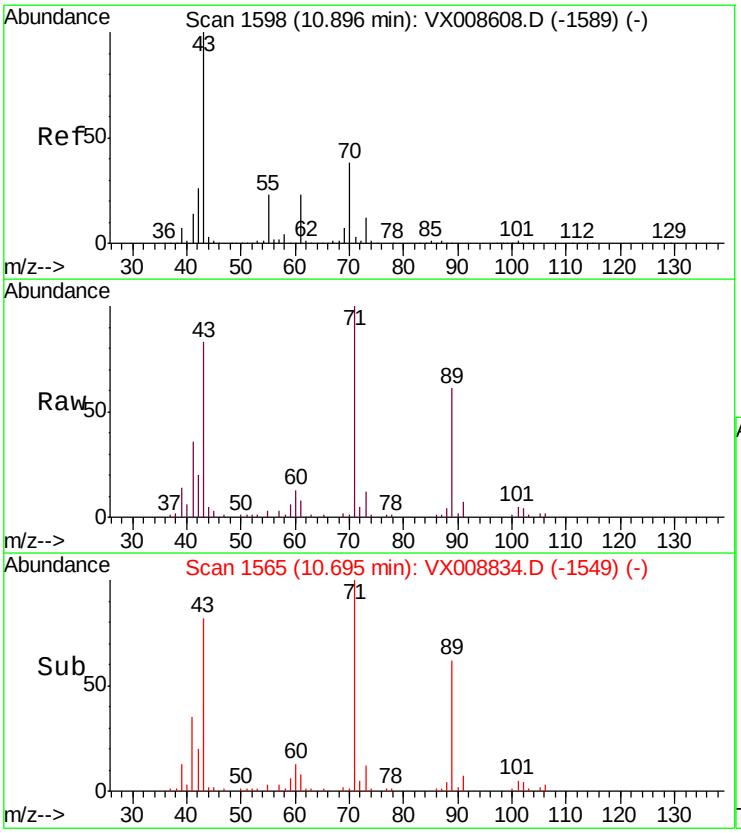
#73
Isopropylbenzene
Concen: 0.206 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion:105 Resp: 1859

Ion	Ratio	Lower	Upper
105	100		
120	27.4	12.9	38.6

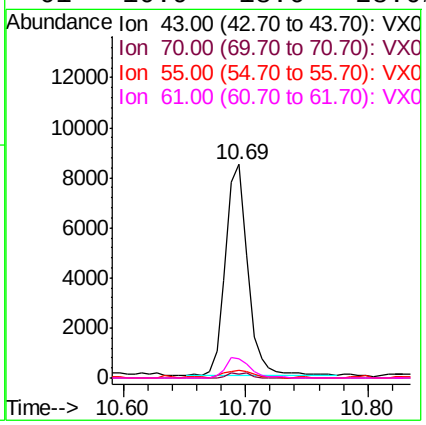


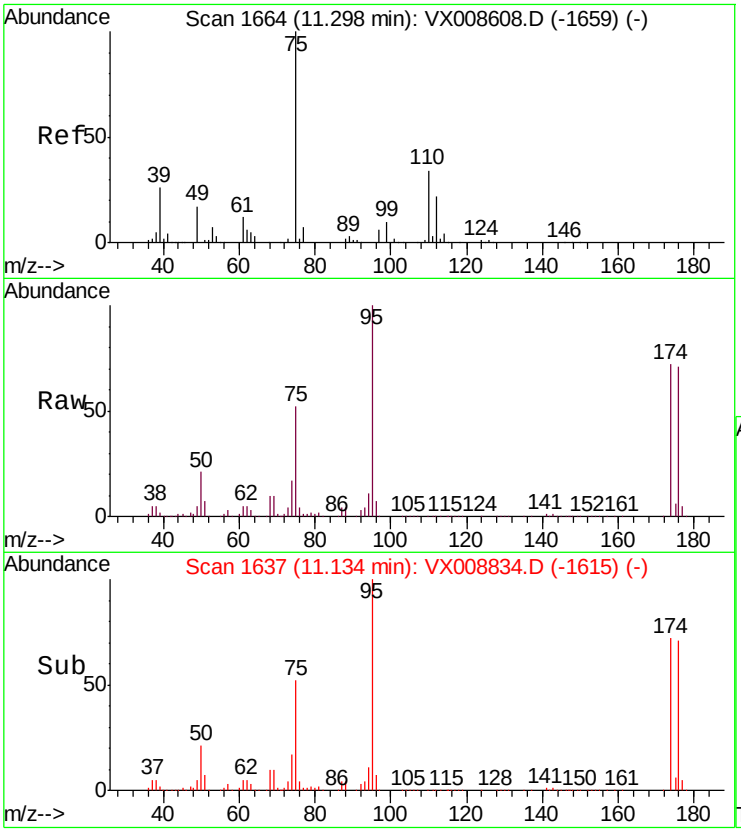


#74
N-amyl acetate
Concen: 2.007 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion: 43 Resp: 10661

Ion	Ratio	Lower	Upper
43	100		
70	2.3	30.2	45.4#
55	4.9	18.2	27.4#
61	10.9	18.6	28.0#



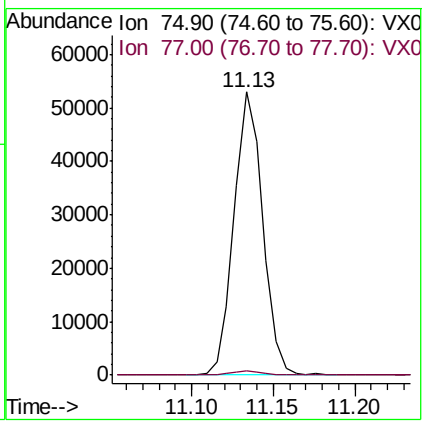


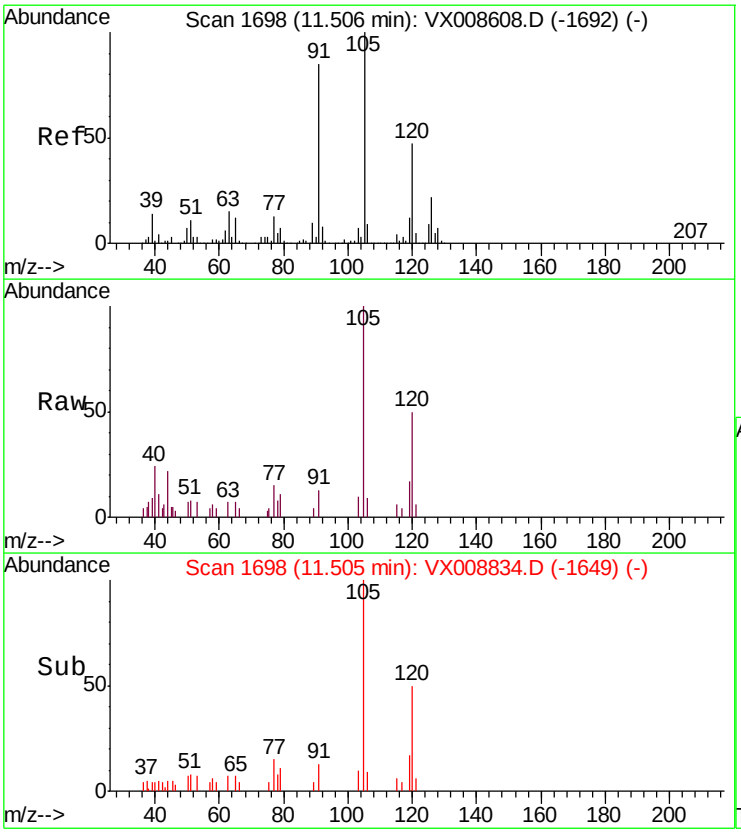
#76
1,2,3-Trichloropropane
Concen: 21.705 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 75 Resp: 64953

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.3	66.8#

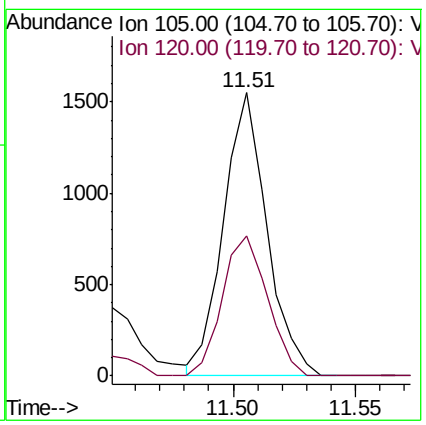


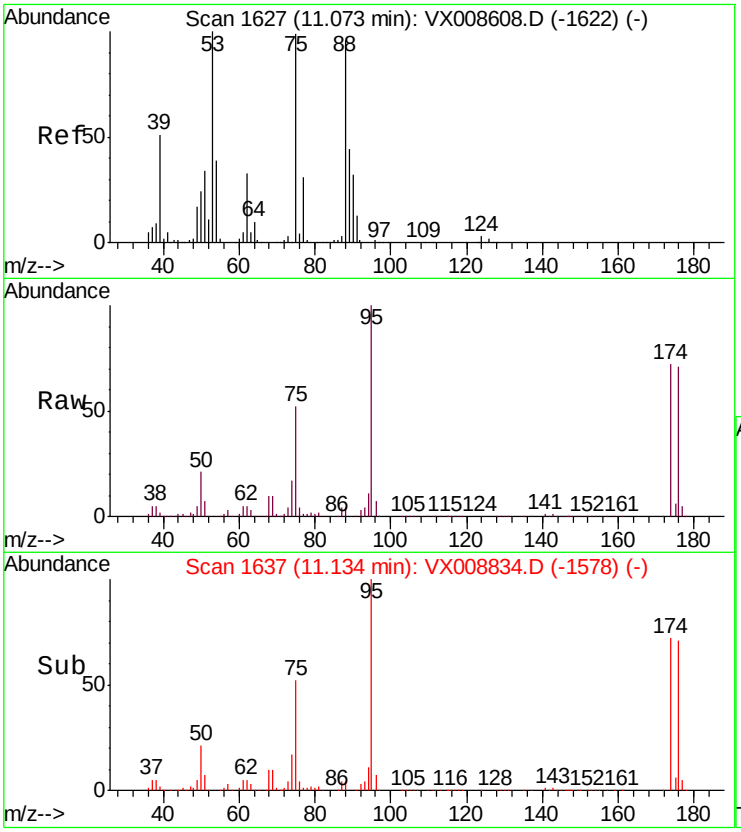


#80
1,3,5-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion:105 Resp: 1910

Ion	Ratio	Lower	Upper
105	100		
120	51.6	23.5	70.6



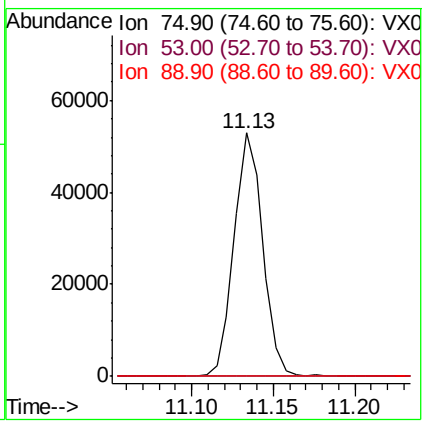


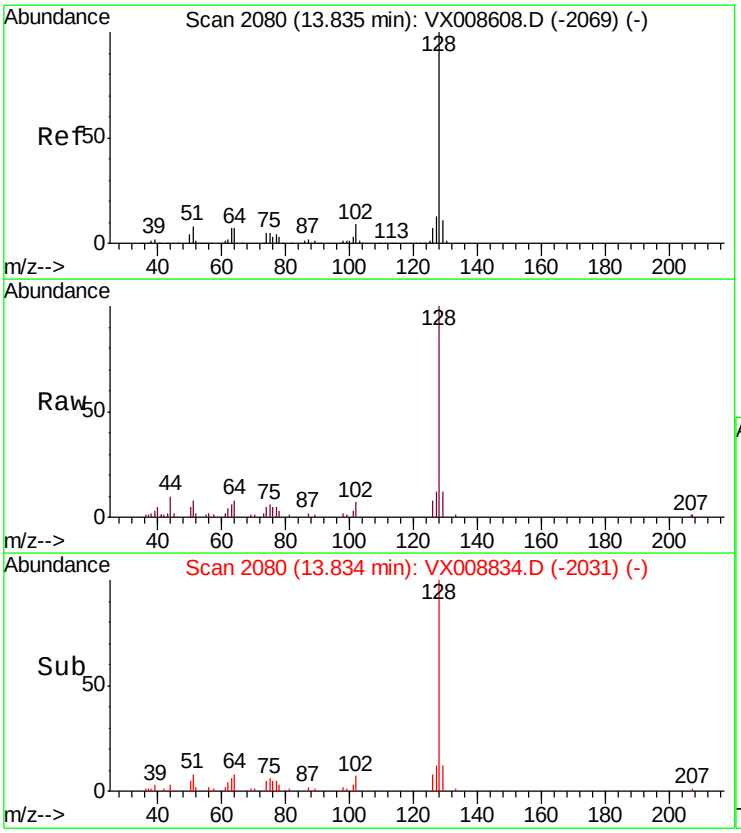
#81
trans-1,4-Dichloro-2-butene
Concen: 59.832 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SU-04-040919-A

Tgt Ion: 75 Resp: 64953

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 0.796 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008834.D
Acq: 11 Apr 2019 03:28

Tgt Ion:128 Resp: 7136

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.9	8.6	13.0