Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008790.D
Acq On : 09 Apr 2019 22:48
Operator : JC/SP
Sample : K2338-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-3-SHALLOW

Quant Time: Apr 10 06:42:46 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	5.67	168	205869	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340085	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306421	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141895	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.06	65	140140	46.67 ug/l	0.00
Spiked Amount 50.000			Recovery =	93.34%	
35) Dibromofluoromethane	5.50	113	102432	47.11 ug/l	0.00
Spiked Amount 50.000			Recovery =	94.22%	
50) Toluene-d8	8.71	98	435328	50.28 ug/l	0.00
Spiked Amount 50.000			Recovery =	100.56%	
62) 4-Bromofluorobenzene	11.13	95	152985	49.83 ug/l	0.00
Spiked Amount 50.000			Recovery =	99.66%	
Target Compounds					Qvalue
3) Chloromethane	1.32	50	242	Below Cal #	86
5) Bromomethane	1.65	94	53	1.918 ug/l #	3
6) Chloroethane	1.73	64	42	Below Cal #	43
11) Tert butyl alcohol	3.04	59	577	0.821 ug/l #	82
13) Acrolein	2.29	56	166	0.476 ug/l #	13
14) Allyl chloride	2.85	41	32968	6.051 ug/l #	31
16) Acetone	2.44	43	15407	8.908 ug/l	99
17) Carbon Disulfide	2.57	76	266	Below Cal #	75
18) Methyl Acetate	2.78	43	1692	0.403 ug/l	98
20) Methylene Chloride	2.86	84	647250	223.580 ug/l	99
25) 2-Butanone	4.68	43	2652	0.970 ug/l	94
28) Bromochloromethane	5.04	49	142	Below Cal #	22
29) Tetrahydrofuran	5.15	42	1642	0.905 ug/l #	90
31) Cyclohexane	5.67	56	4844	0.934 ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16430	4.420 ug/l #	51
38) Carbon Tetrachloride	5.67	117	19759	6.422 ug/l #	16
43) Isopropyl Acetate	6.45	43	11707	1.506 ug/l	97
48) Methyl methacrylate	7.68	41	7564	1.924 ug/l #	18
49) 1,4-Dioxane	7.87	88	132	1.792 ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	85657	17.118 ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	37212	8.411 ug/l #	57
57) 1,3-Dichloropropane	9.54	76	8316	1.767 ug/l #	43
59) 2-Hexanone	9.54	43	131538	33.826 ug/l #	52
74) N-amyl acetate	10.69	43	13814	1.997 ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	77788	19.956 ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	2869	0.291 ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	77788	55.009 ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	2828	0.283 ug/l	100
85) sec-Butylbenzene	11.80	105	2828	0.251 ug/l #	58
95) Naphthalene	13.83	128	5397	0.462 ug/l	97

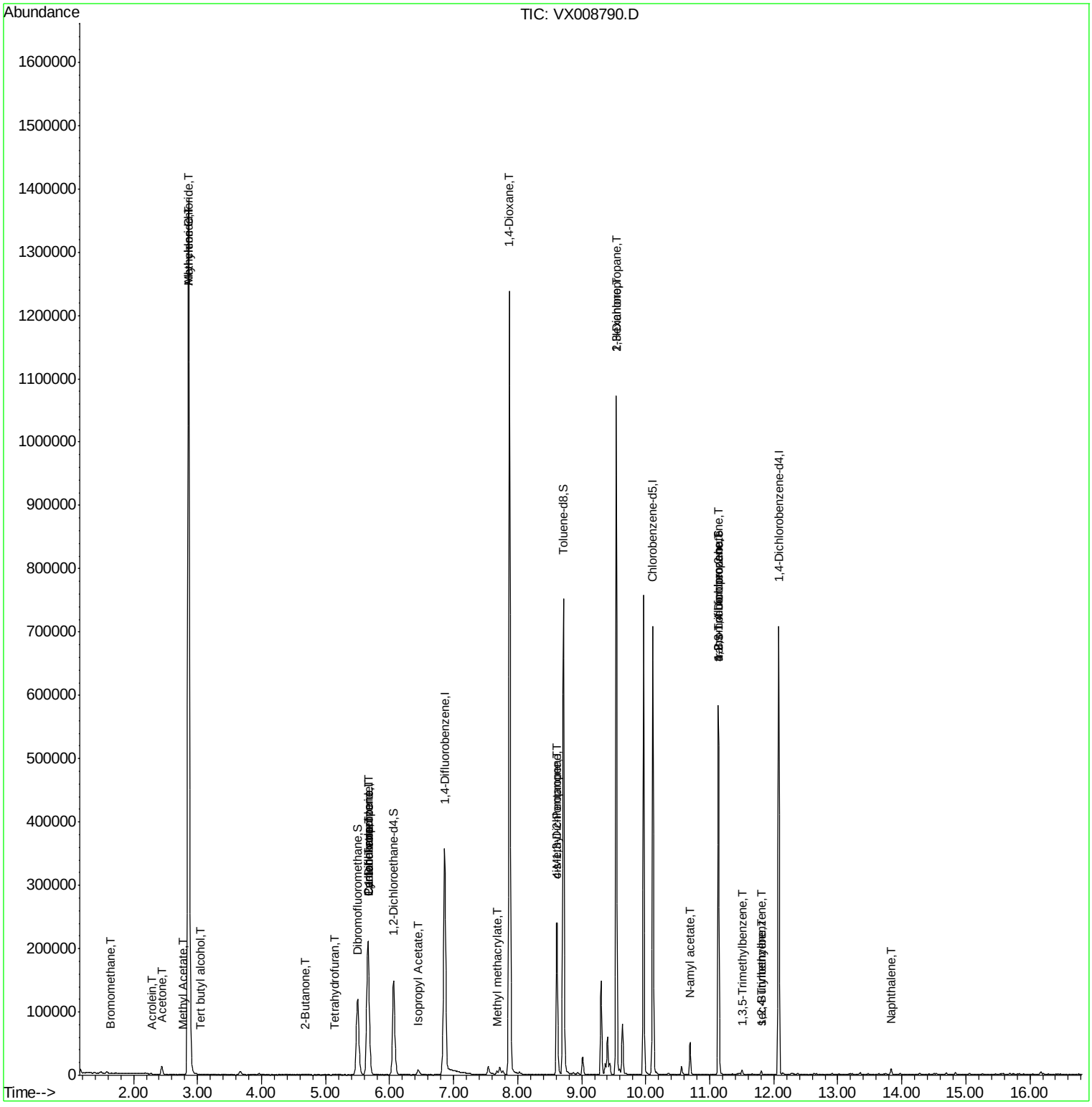
(#) = qualifier out of range (m) = manual integration (+) = signals summed

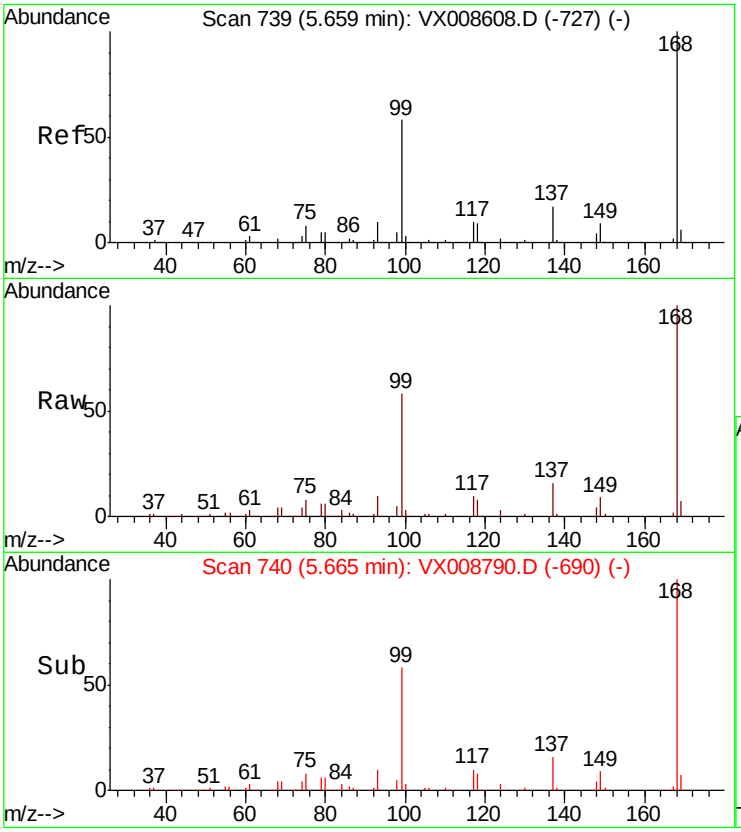
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008790.D
Acq On : 09 Apr 2019 22:48
Operator : JC/SP
Sample : K2338-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Quant Time: Apr 10 06:42:46 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



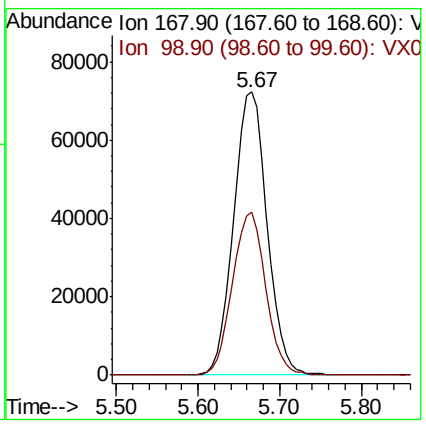


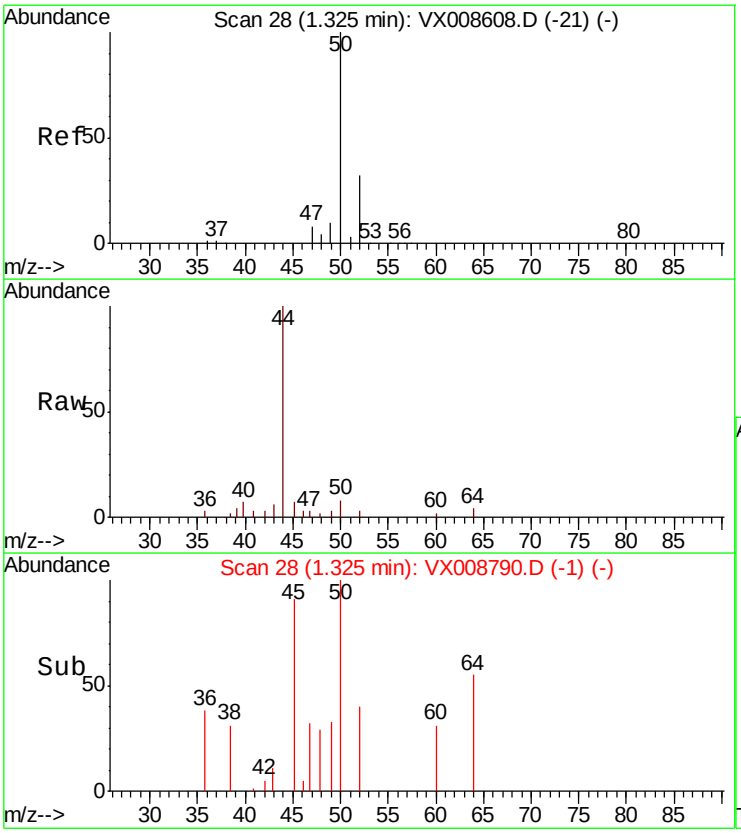
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion:168 Resp: 205869

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.7	70.1

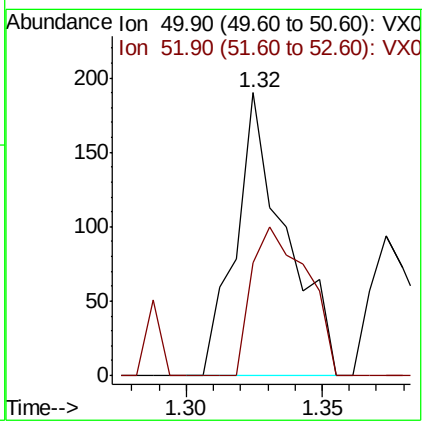


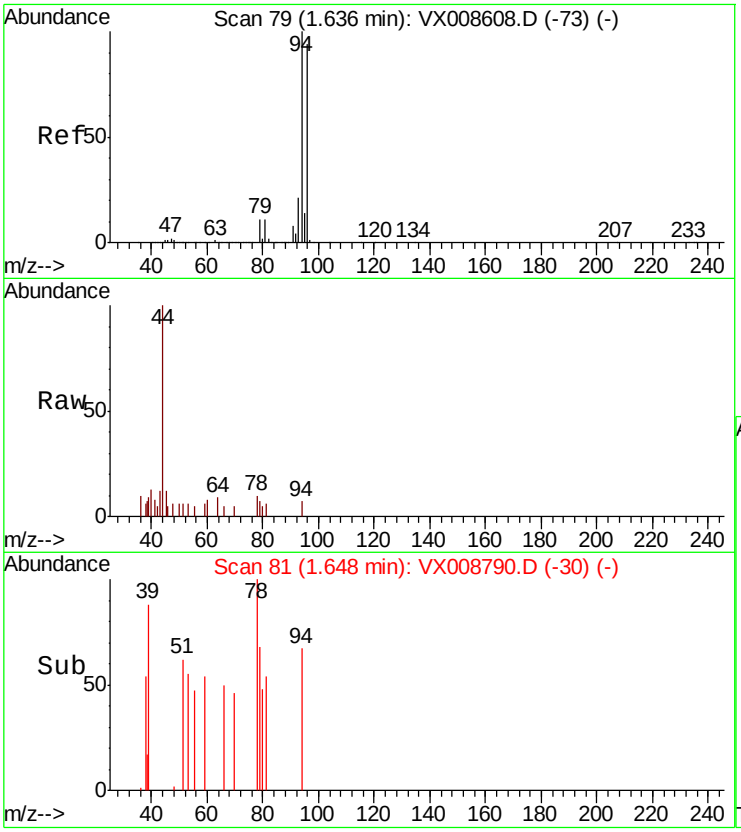


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 50 Resp: 242

Ion	Ratio	Lower	Upper
50	100		
52	40.0	25.8	38.8#



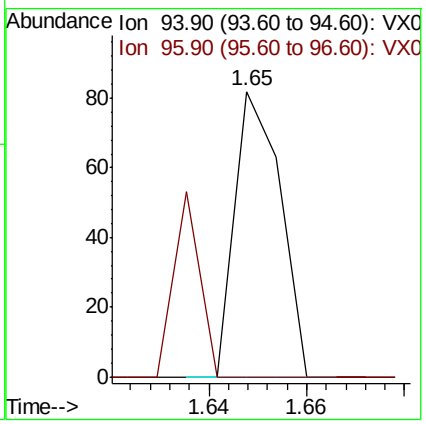


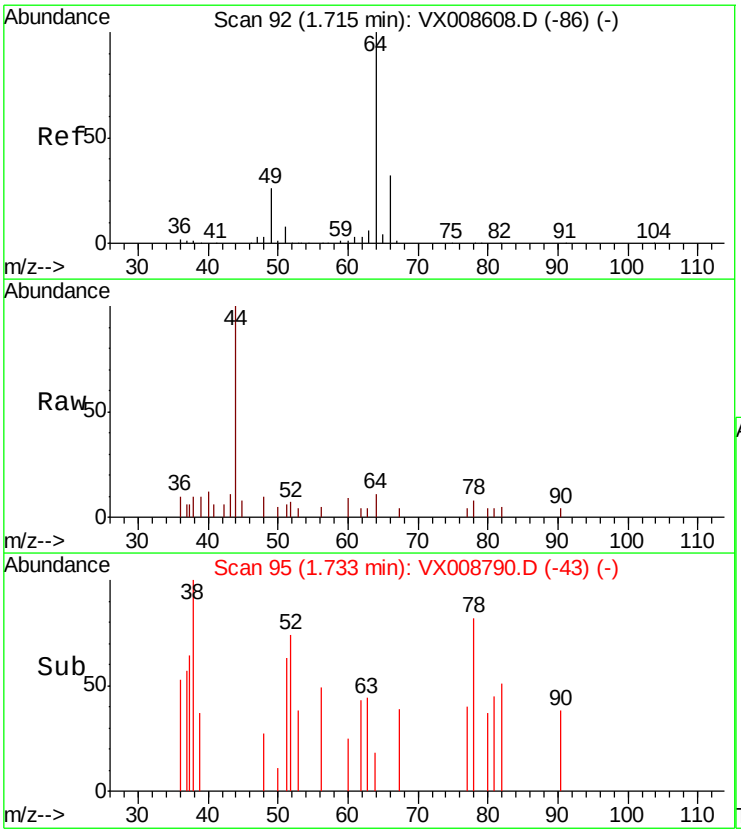
#5
Bromomethane
Concen: 1.918 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 94 Resp: 53

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.2	112.8#

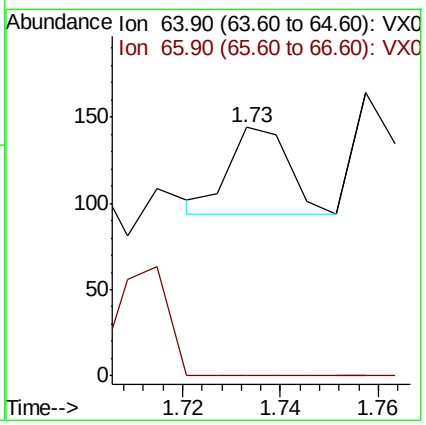


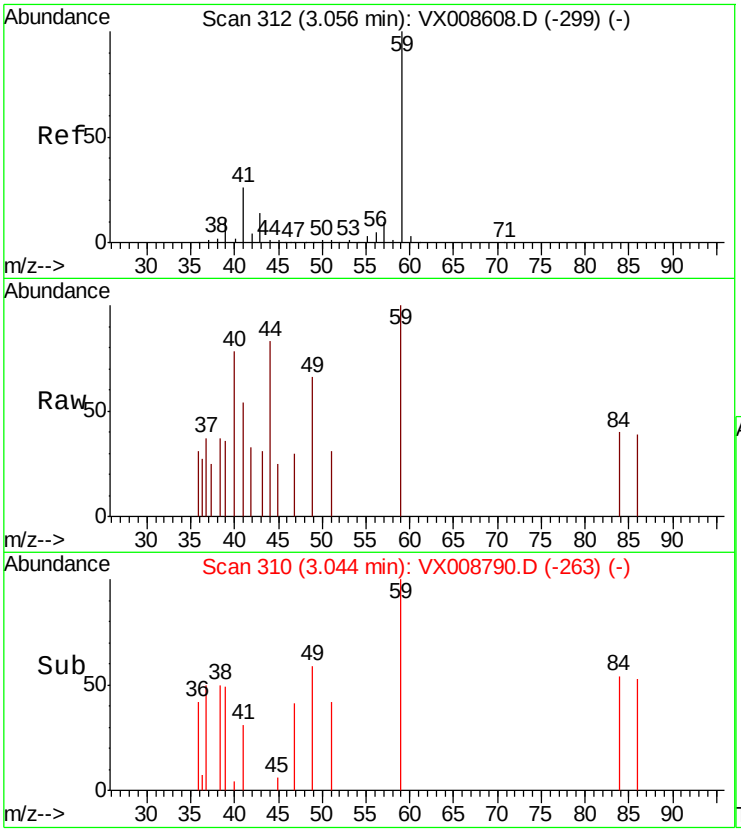


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 64 Resp: 42

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



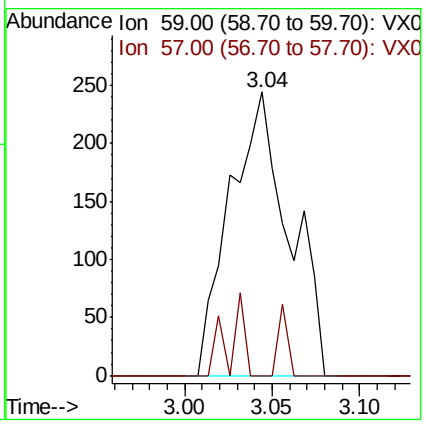


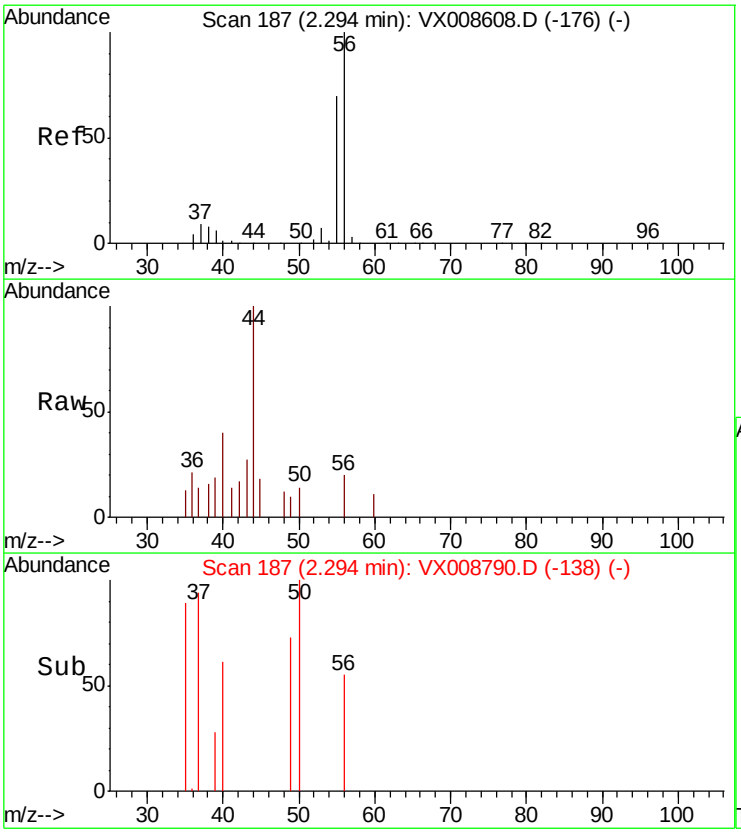
#11
Tert butyl alcohol
Concen: 0.821 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 59 Resp: 577

Ion	Ratio	Lower	Upper
59	100		
57	3.8	8.3	12.5#

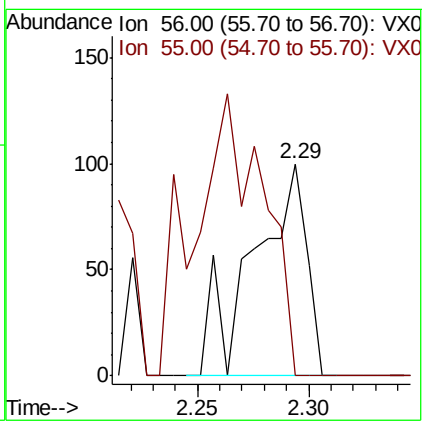


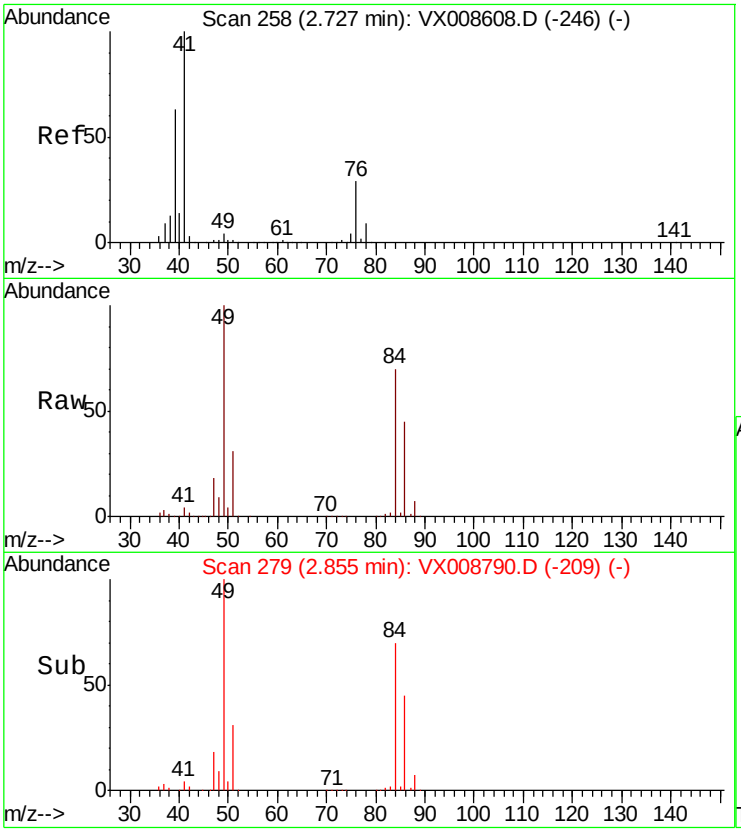


#13
Acrolein
Concen: 0.476 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 56 Resp: 166

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.0	87.0#



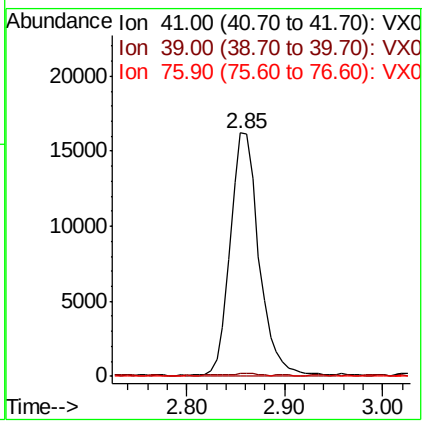


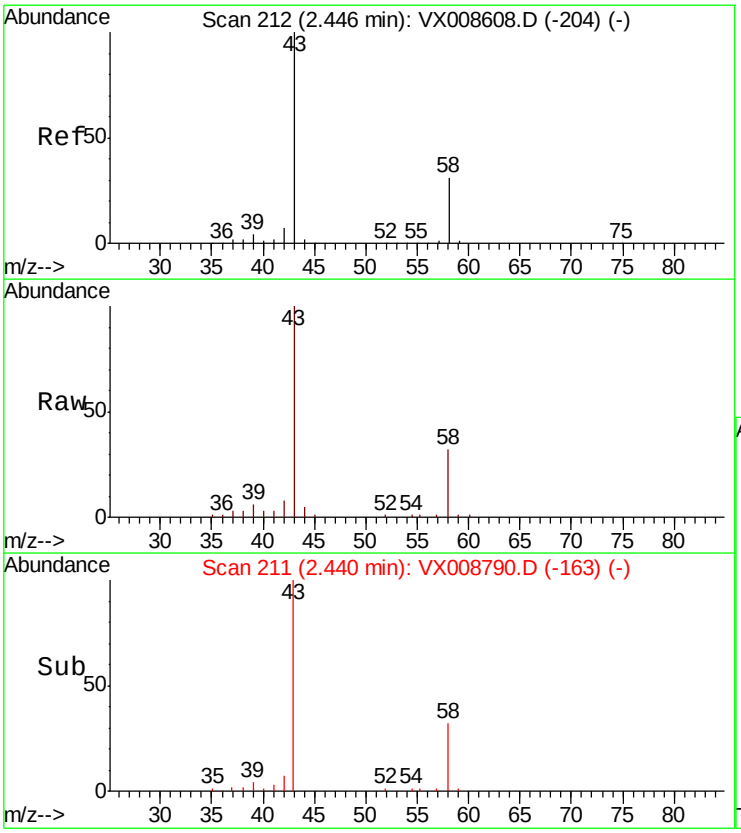
#14
Allyl chloride
Concen: 6.051 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 41 Resp: 32968

Ion	Ratio	Lower	Upper
41	100		
39	1.6	48.0	72.0#
76	0.0	22.0	33.0#

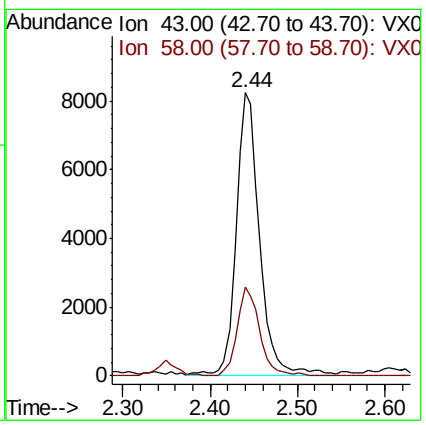


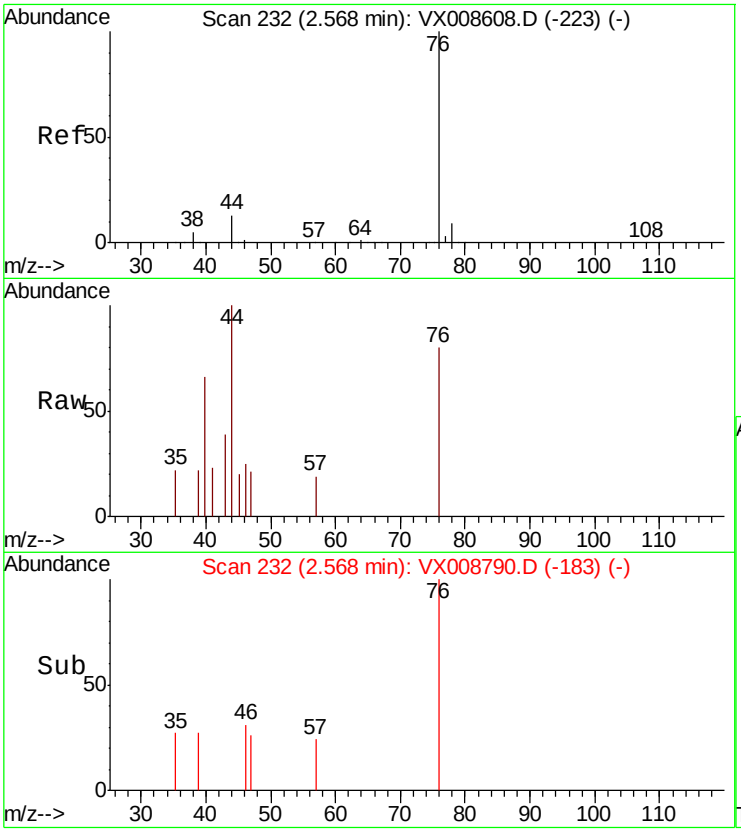


#16
Acetone
Concen: 8.908 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 15407

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.8	37.2



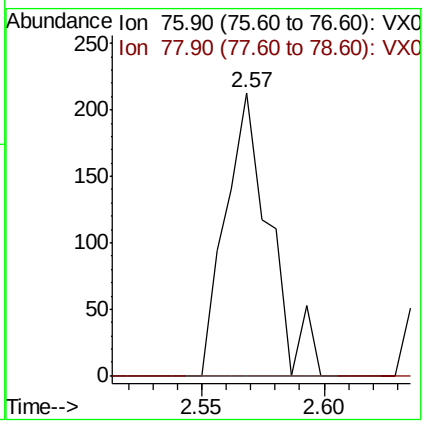


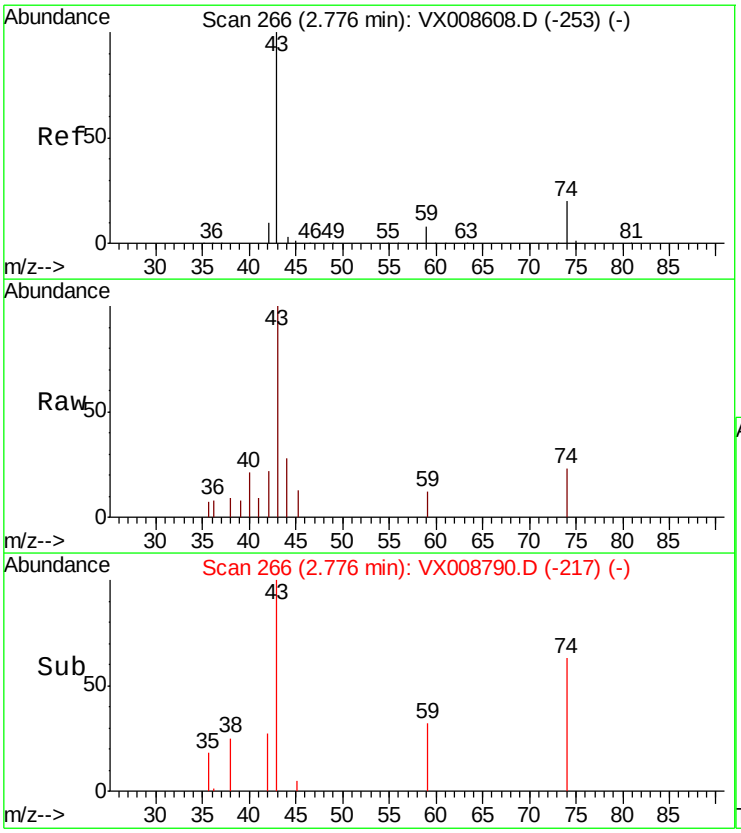
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 76 Resp: 266

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

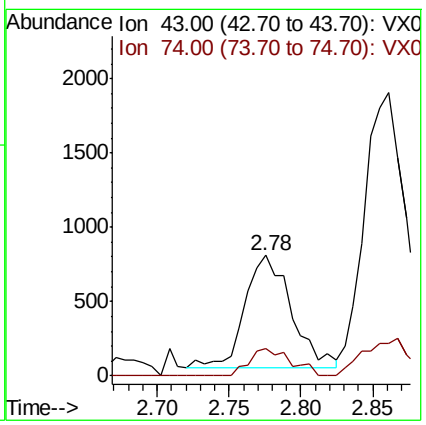


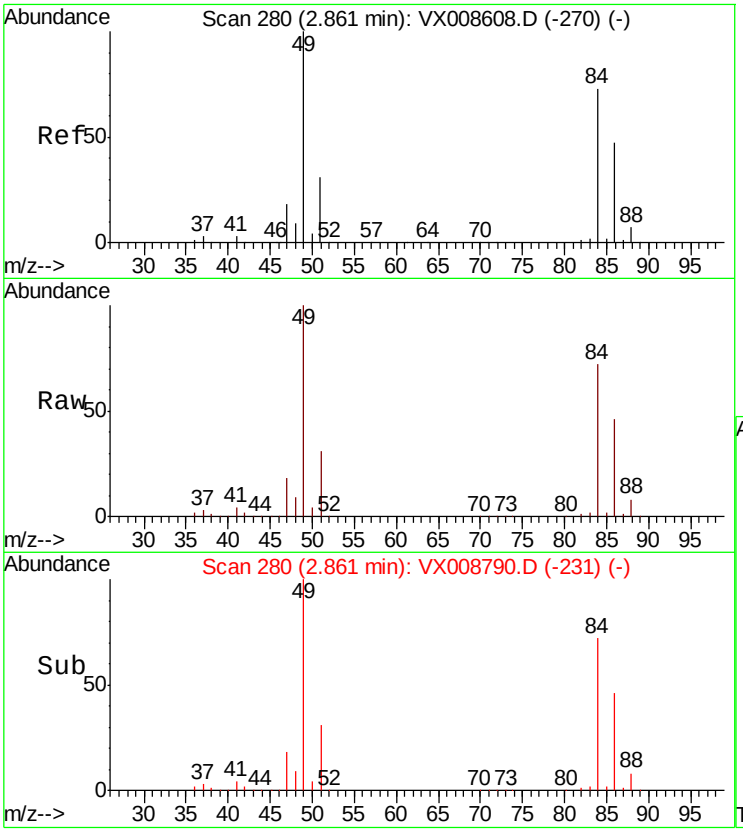


#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 1692

Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.5	24.7



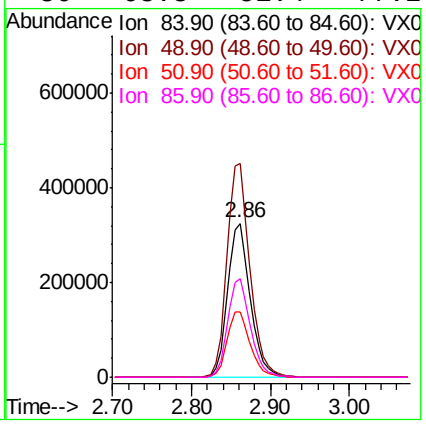


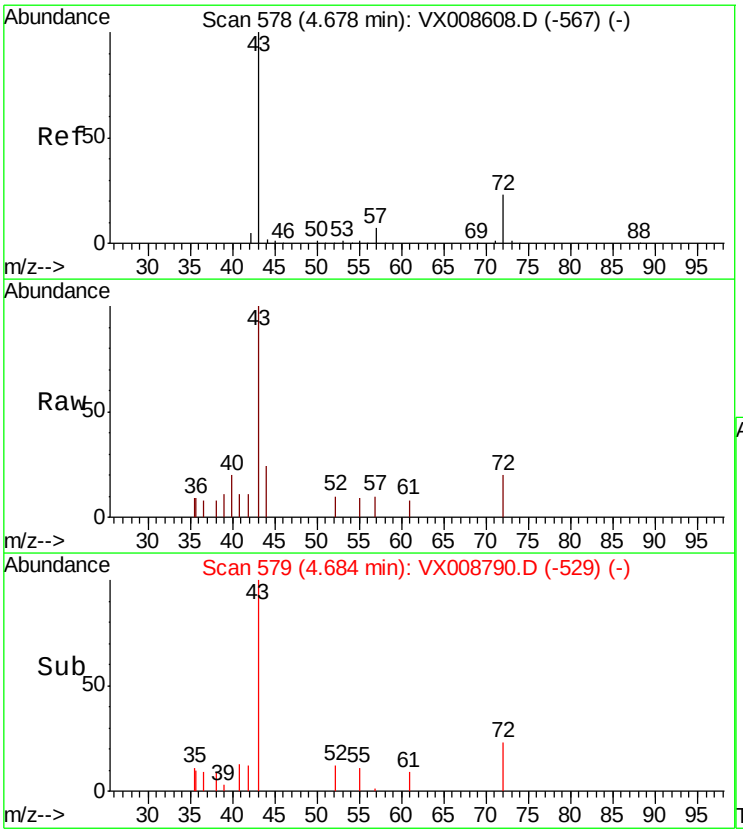
#20
Methylene Chloride
Concen: 223.580 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 84 Resp: 647250

Ion	Ratio	Lower	Upper
84	100		
49	138.6	109.7	164.5
51	42.6	33.6	50.4
86	63.8	51.4	77.2

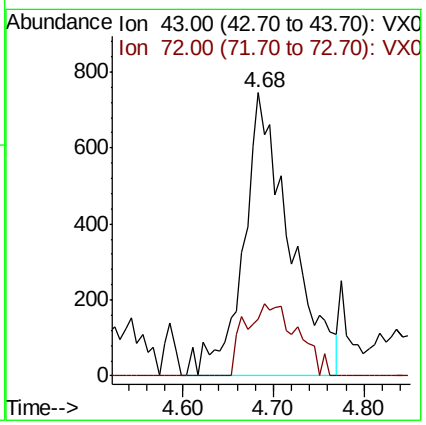


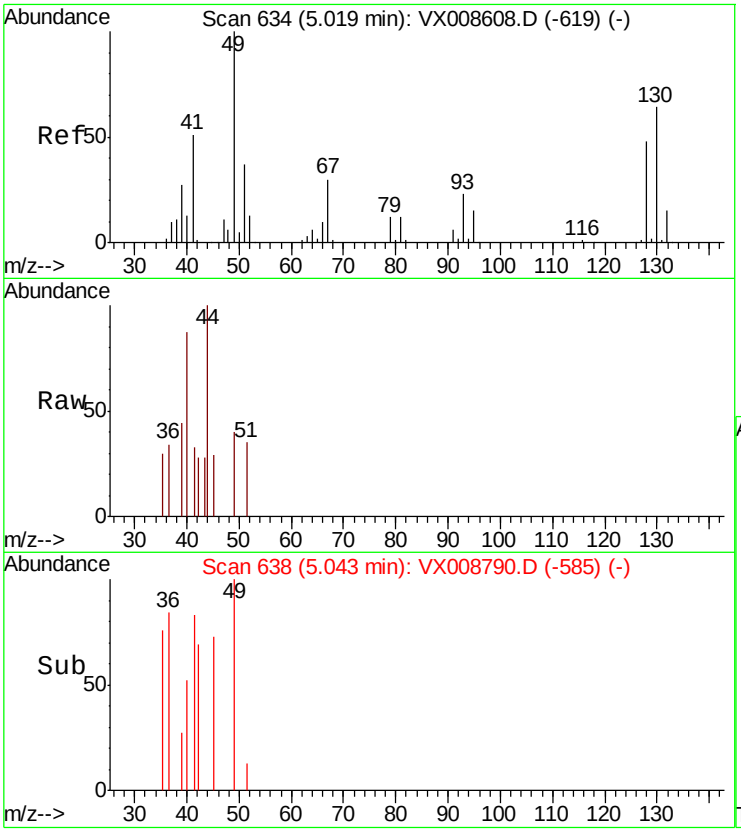


#25
2-Butanone
Concen: 0.970 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 2652

Ion	Ratio	Lower	Upper
43	100		
72	20.1	18.2	27.4



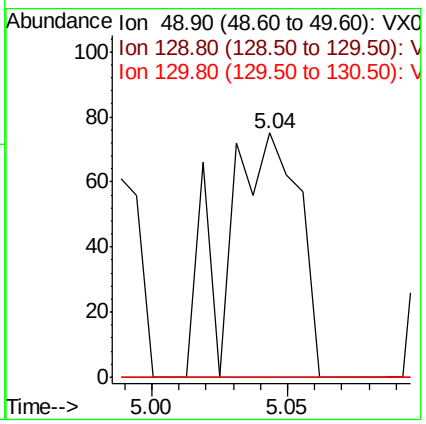


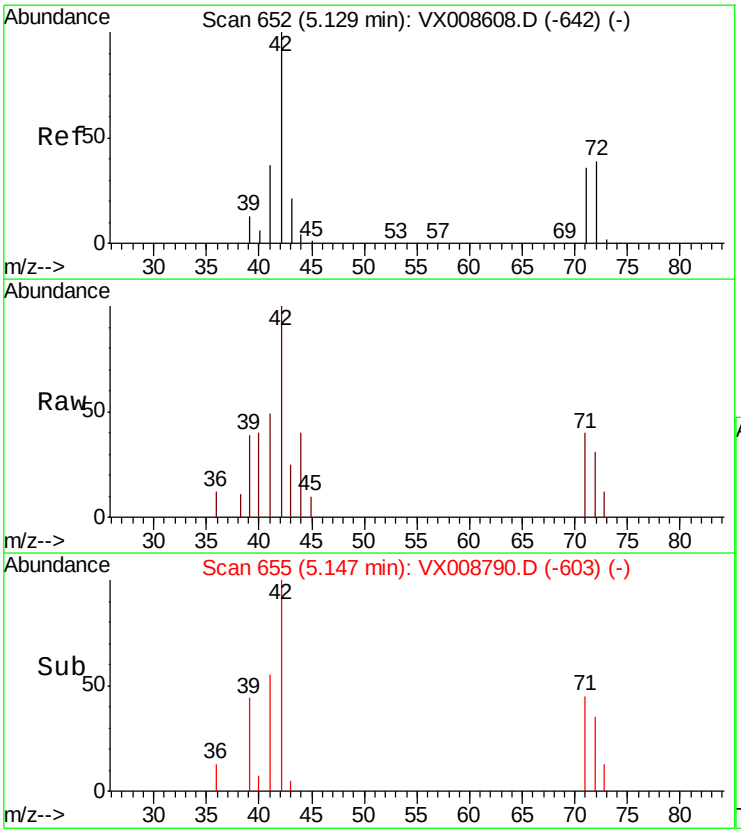
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.02 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 49 Resp: 142

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

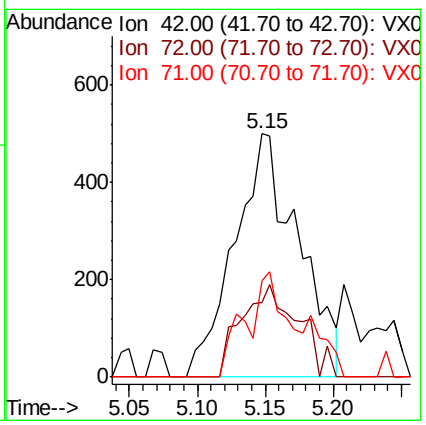


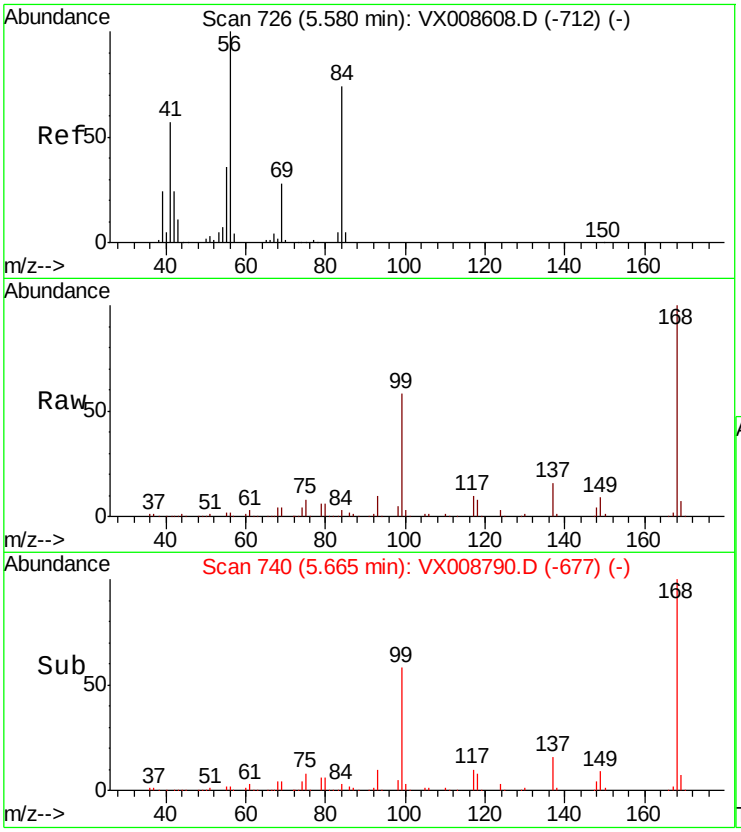


#29
Tetrahydrofuran
Concen: 0.905 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 42 Resp: 1642

Ion	Ratio	Lower	Upper
42	100		
72	33.9	30.5	45.7
71	28.3	28.6	43.0#



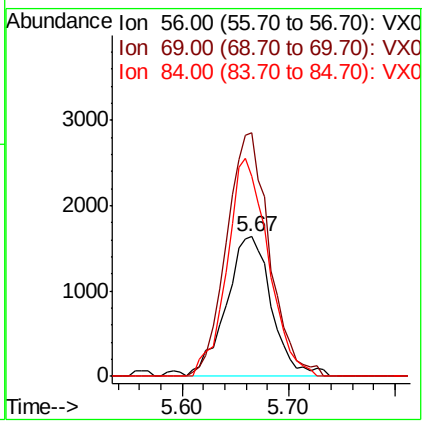


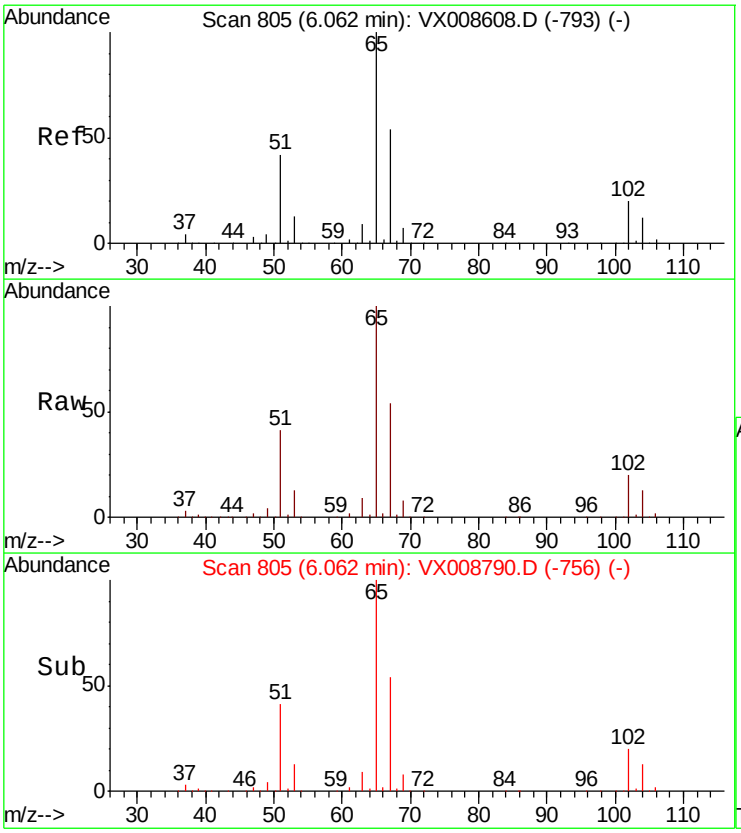
#31
Cyclohexane
Concen: 0.934 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 56 Resp: 4844

Ion	Ratio	Lower	Upper
56	100		
69	174.4	22.6	33.8#
84	143.8	59.3	88.9#

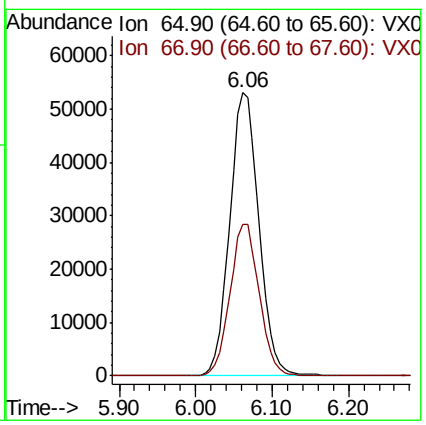


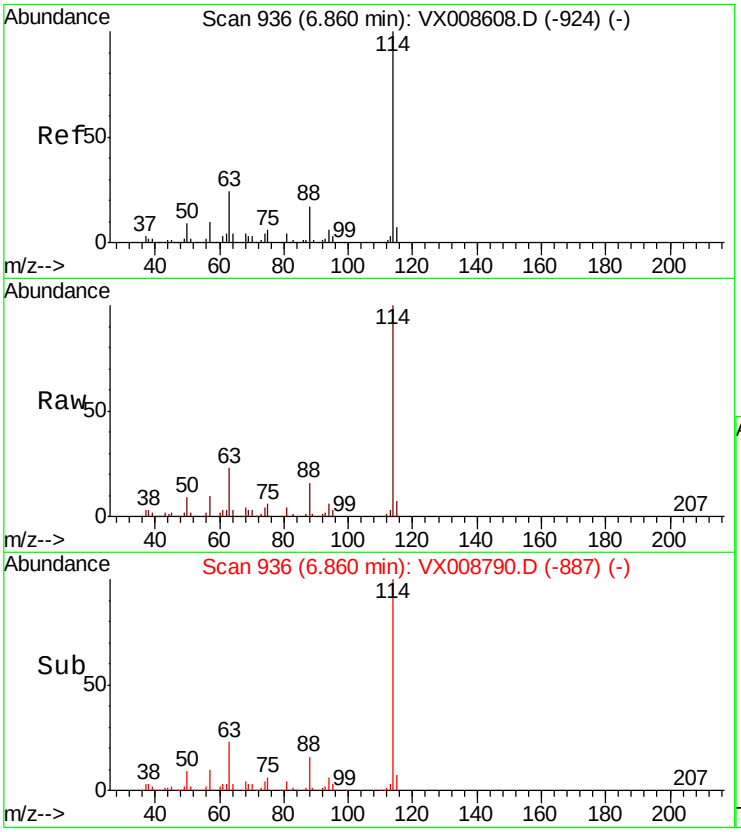


#33
1,2-Dichloroethane-d4
Concen: 46.671 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 65 Resp: 140140

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2



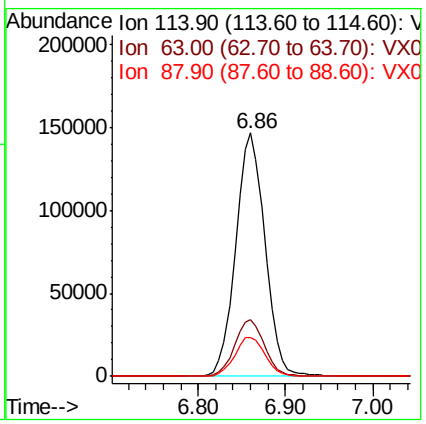


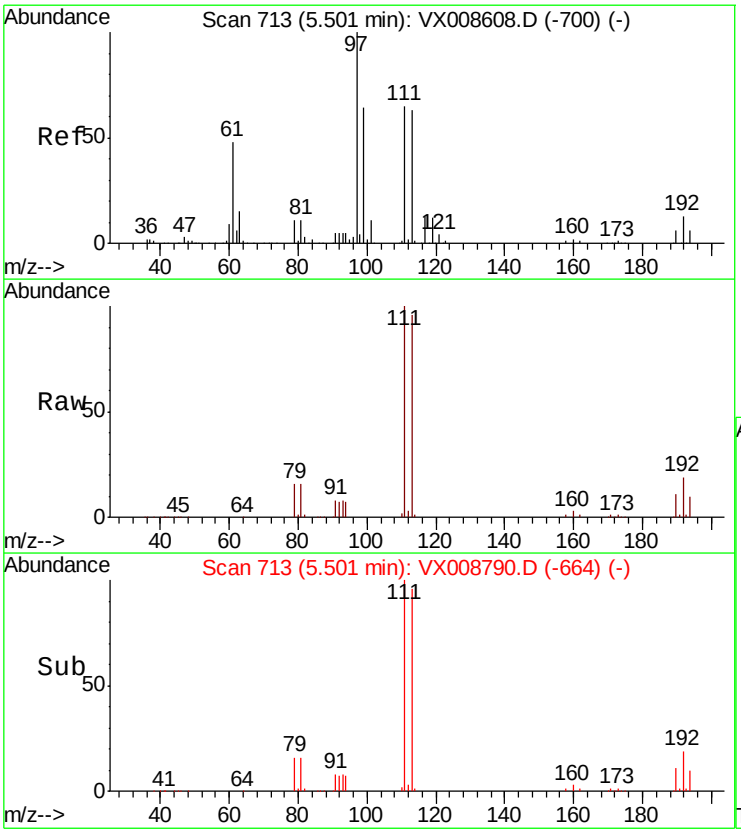
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion:114 Resp: 340085

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.2
88	16.1	0.0	34.0

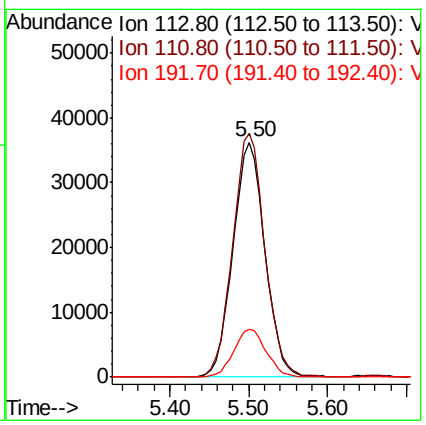


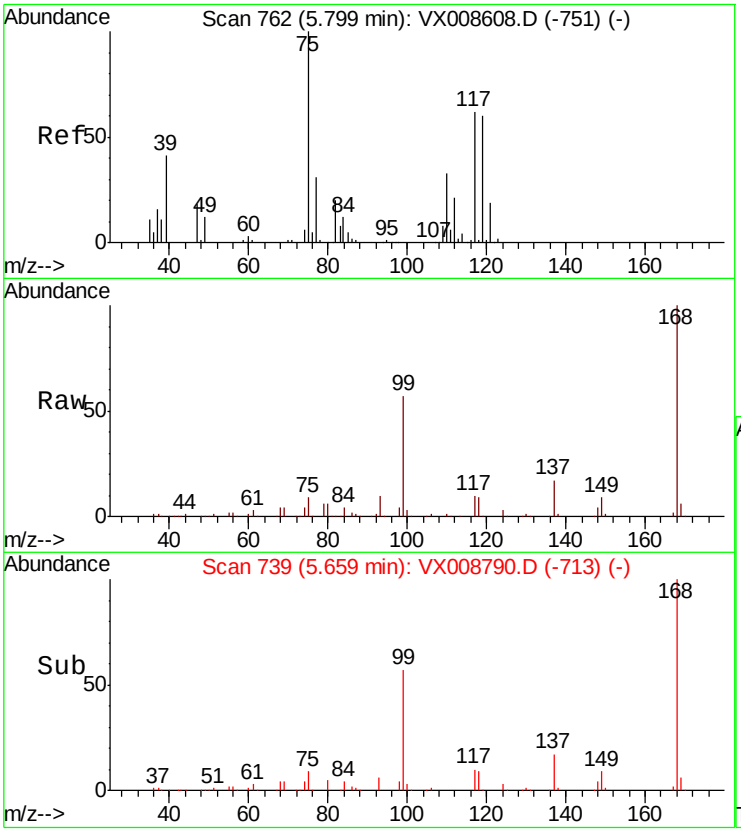


#35
Dibromofluoromethane
Concen: 47.109 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:113 Resp: 102432

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.2
192	20.7	16.1	24.1



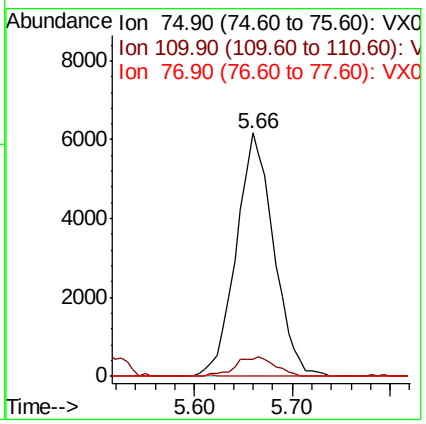


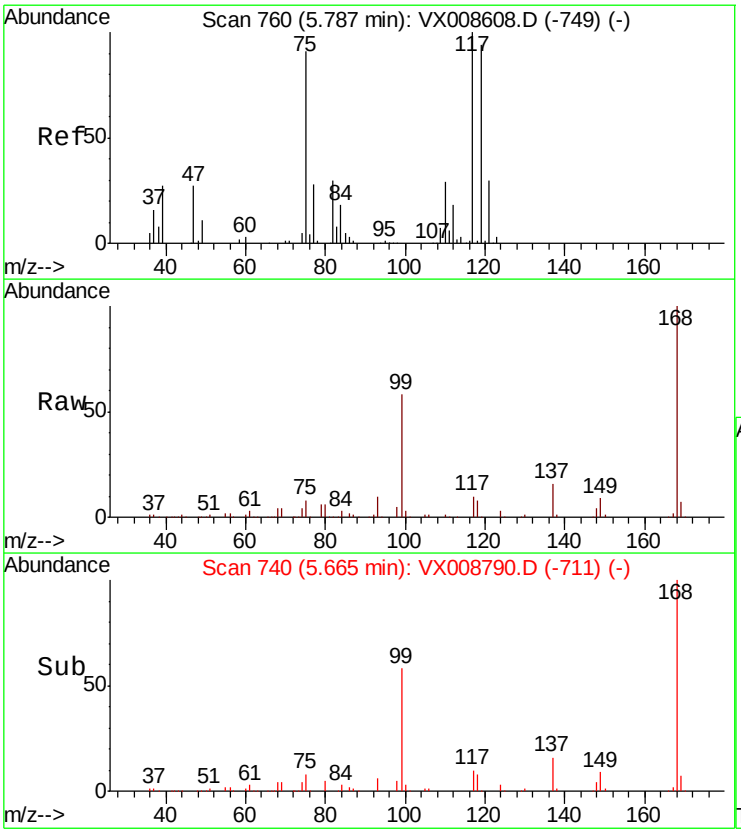
#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 75 Resp: 16430

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.4	49.2#
77	0.0	24.7	37.1#

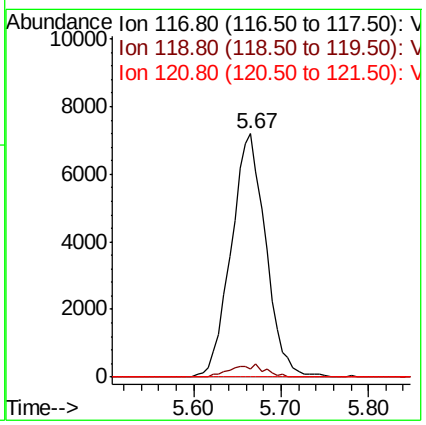


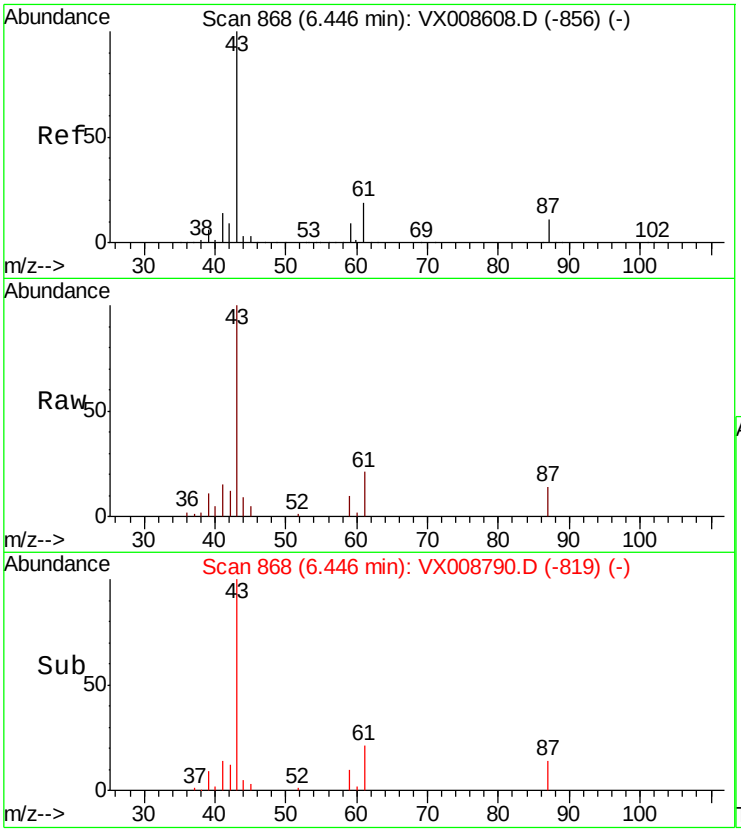


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:117 Resp: 19759

Ion	Ratio	Lower	Upper
117	100		
119	3.6	75.0	112.6#
121	0.0	24.3	36.5#



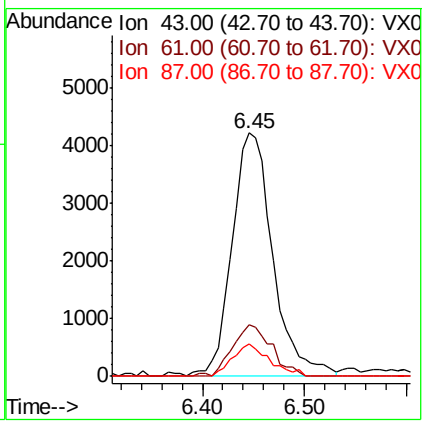


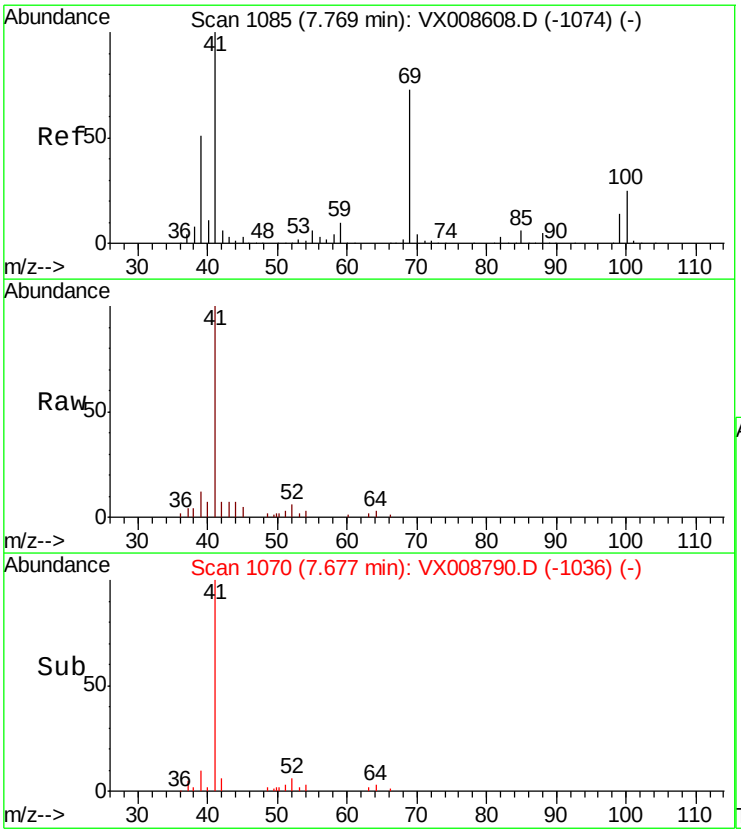
#43
Isopropyl Acetate
Concen: 1.506 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 43 Resp: 11707

Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.3	22.9
87	12.1	9.0	13.6

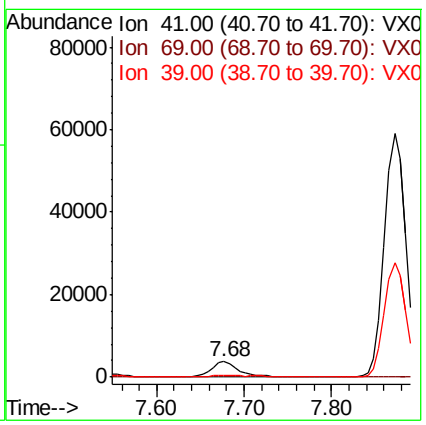


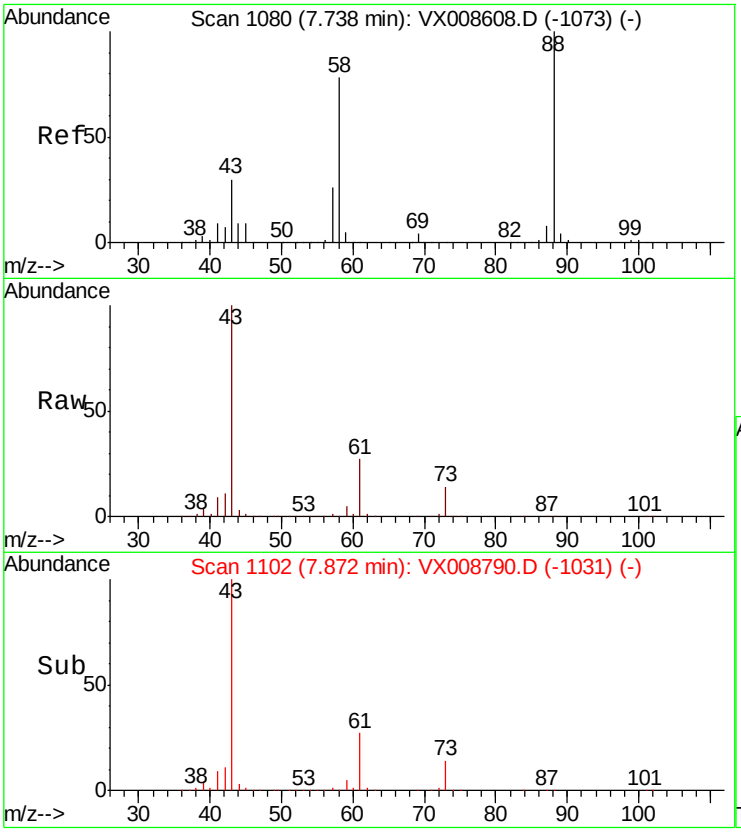


#48
Methyl methacrylate
Concen: 1.924 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 41 Resp: 7564

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



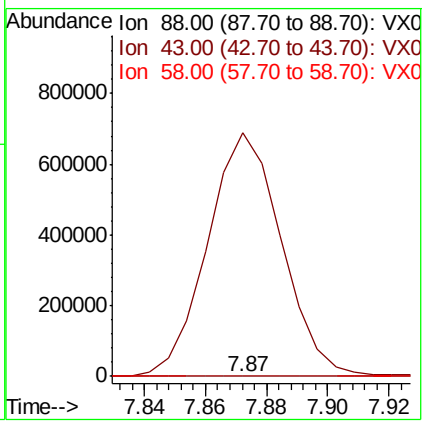


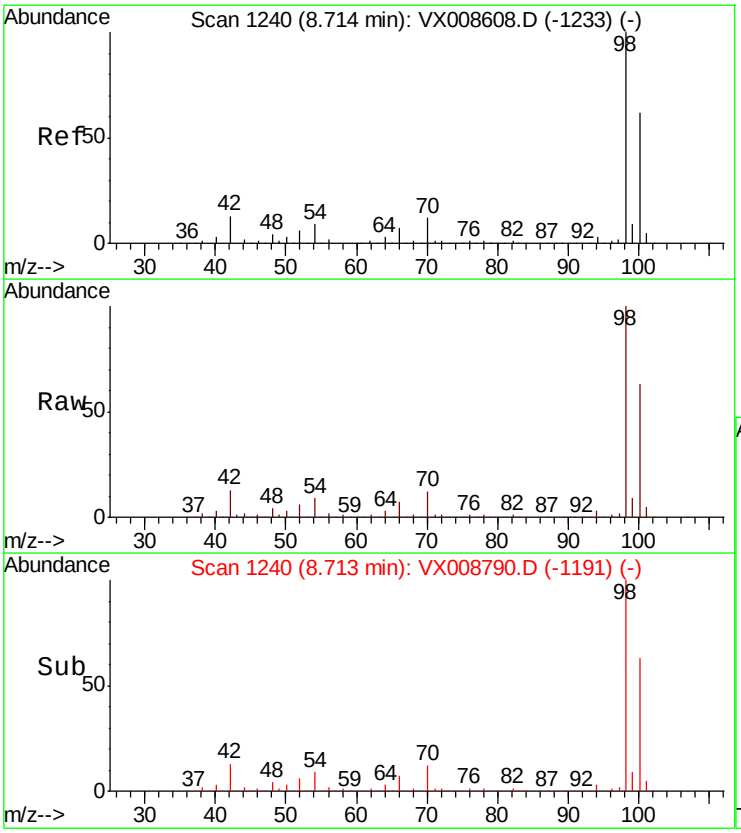
#49
1,4-Dioxane
Concen: 1.792 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 88 Resp: 132

Ion	Ratio	Lower	Upper
88	100		
43	884138.6	28.6	43.0#
58	3418.2	62.2	93.2#

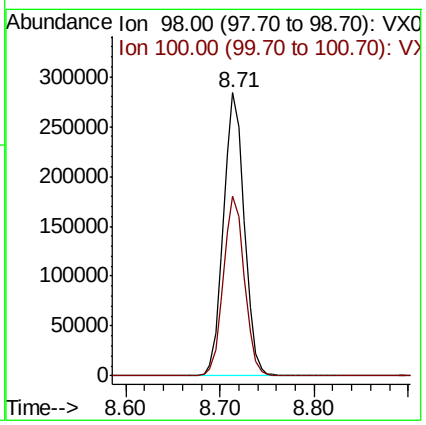


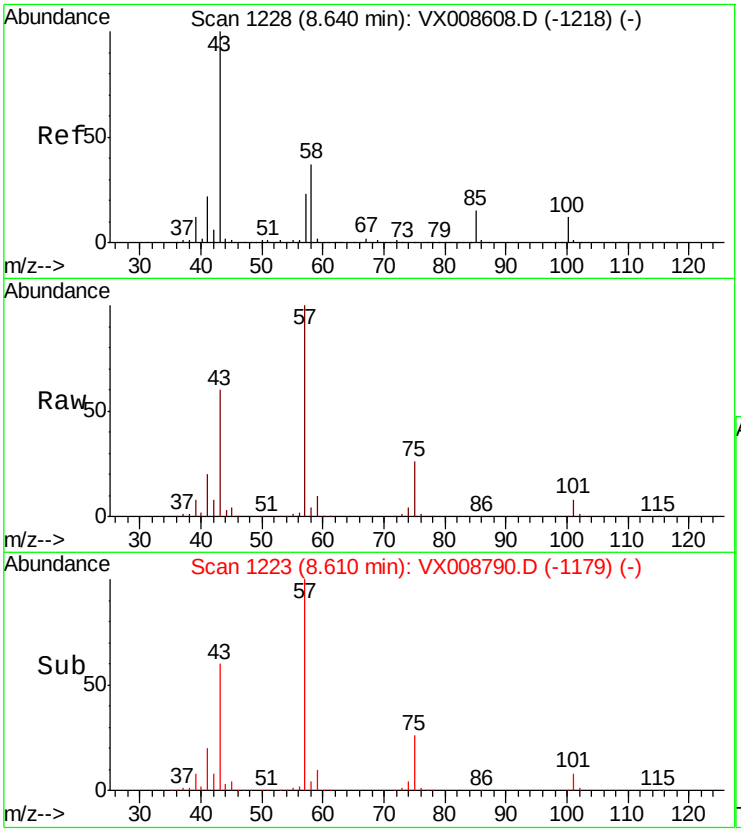


#50
Toluene-d8
Concen: 50.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 98 Resp: 435328

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0



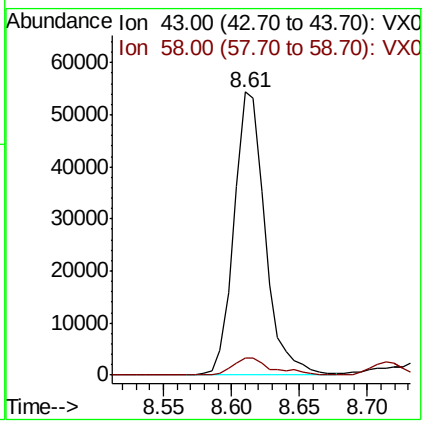


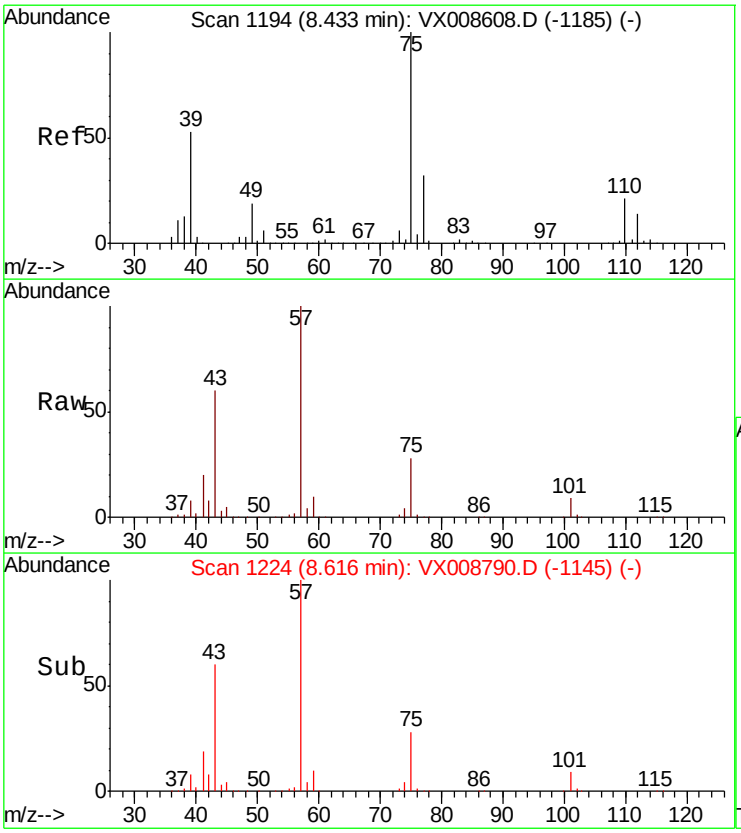
#51
4-Methyl-2-Pentanone
Concen: 17.118 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 43 Resp: 85657

Ion	Ratio	Lower	Upper
43	100		
58	8.0	29.5	44.3#

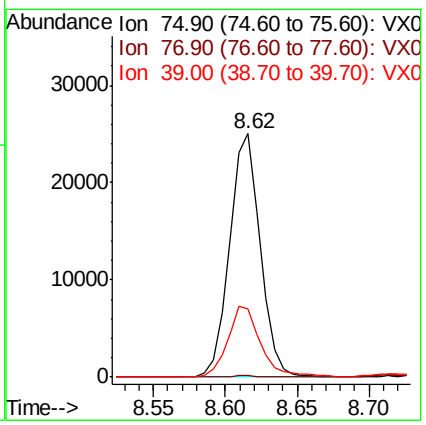


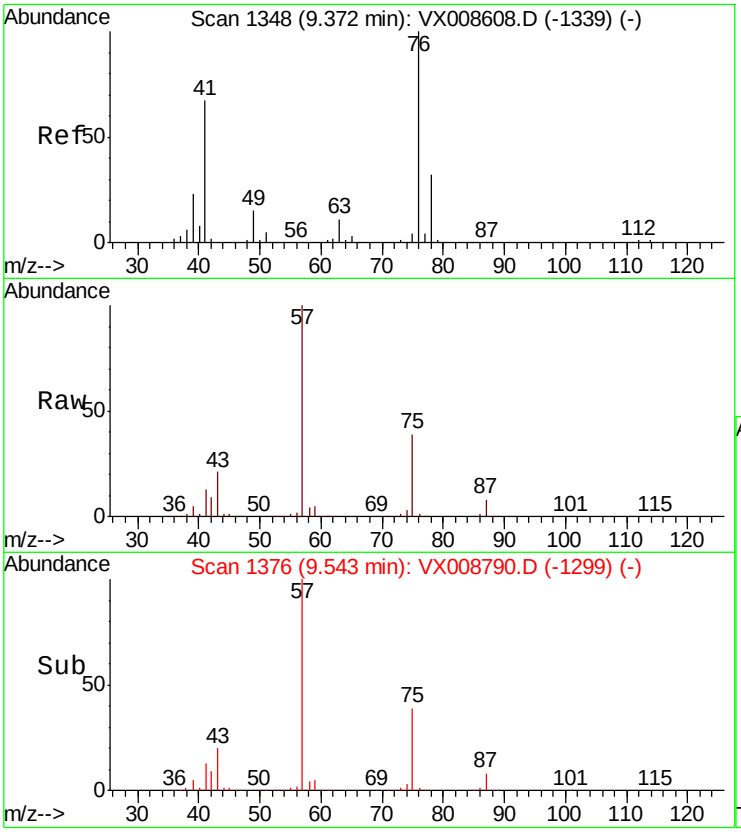


#54
cis-1,3-Dichloropropene
Concen: 8.411 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 75 Resp: 37212

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.3	37.9#
39	27.7	42.6	63.8#



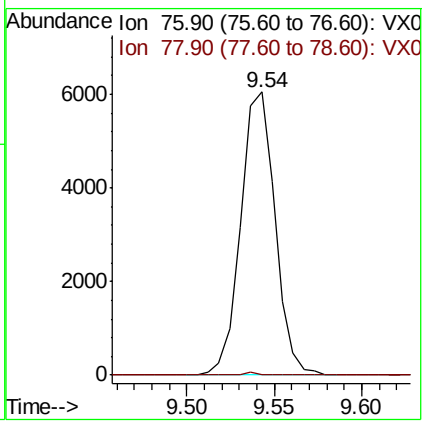


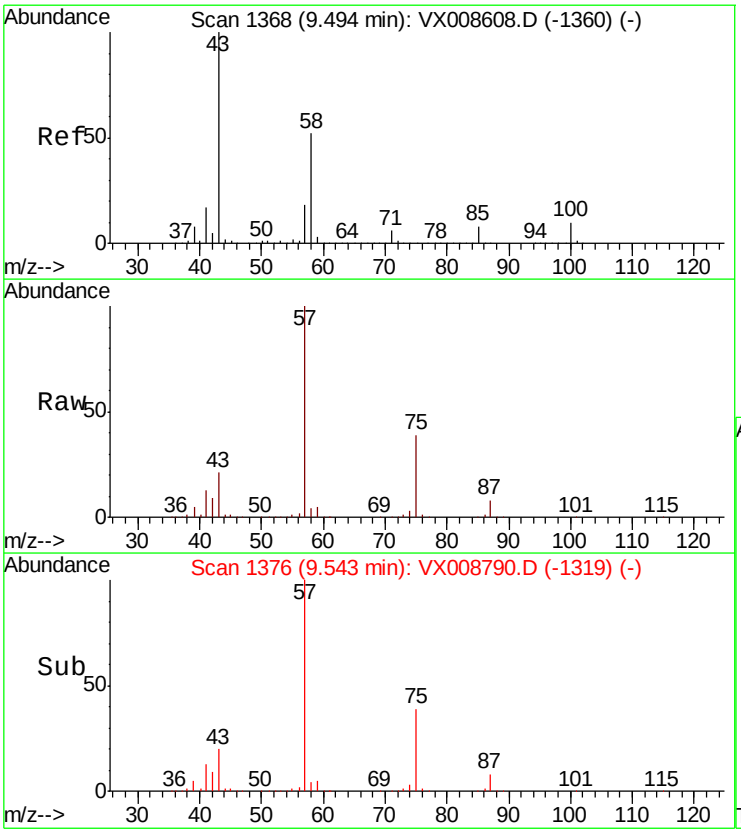
#57
1,3-Dichloropropane
Concen: 1.767 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 76 Resp: 8316

Ion	Ratio	Lower	Upper
76	100		
78	0.3	25.6	38.4#

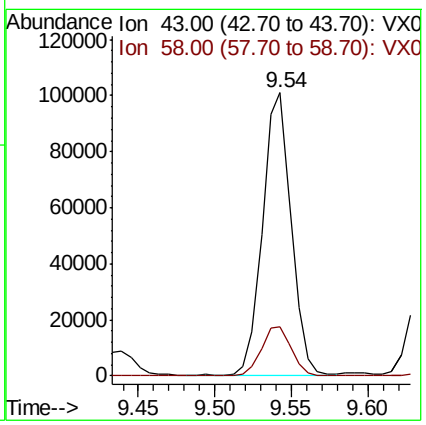


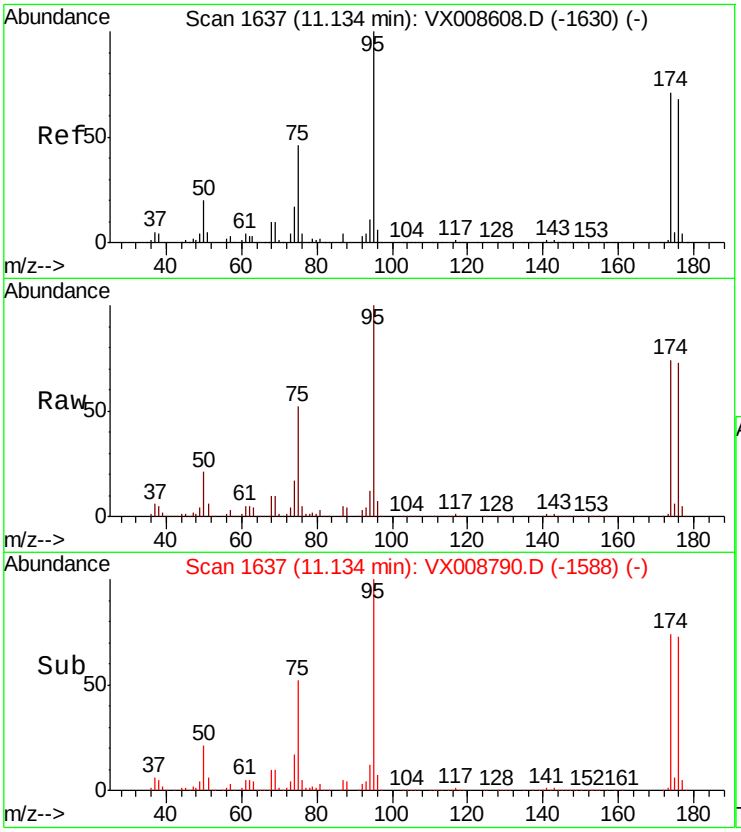


#59
2-Hexanone
Concen: 33.826 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 131538

Ion	Ratio	Lower	Upper
43	100		
58	18.4	25.9	77.7#



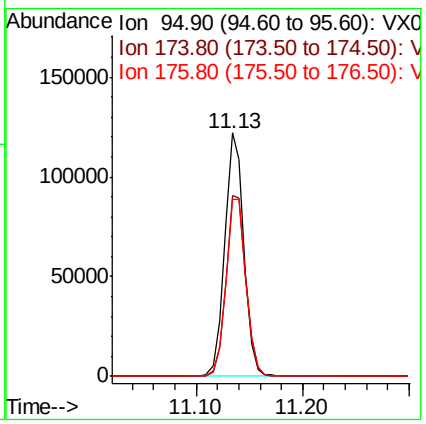


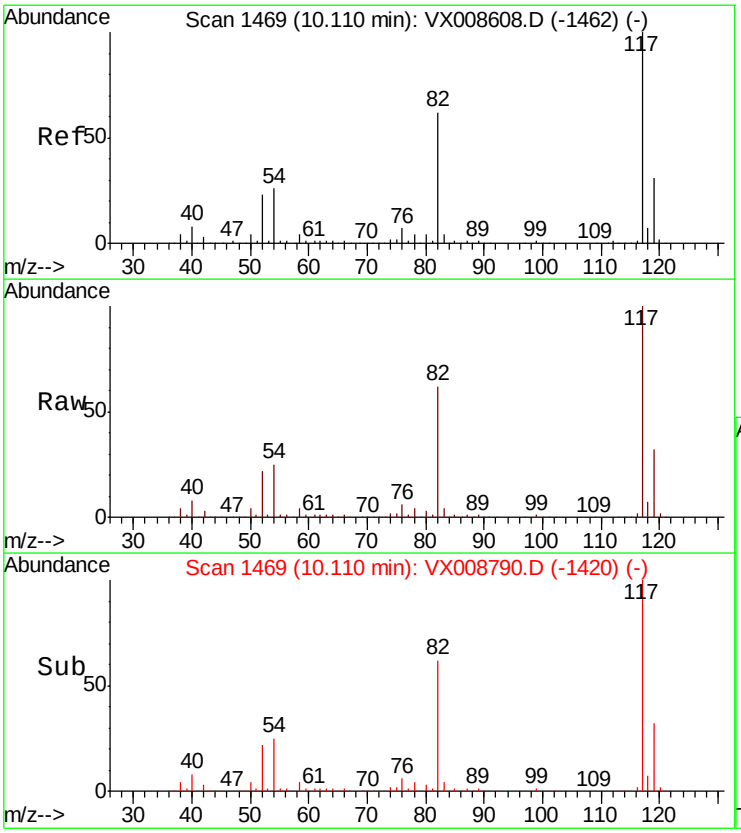
#62
4-Bromofluorobenzene
Concen: 49.829 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 95 Resp: 152985

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	151.8
176	76.3	0.0	145.8

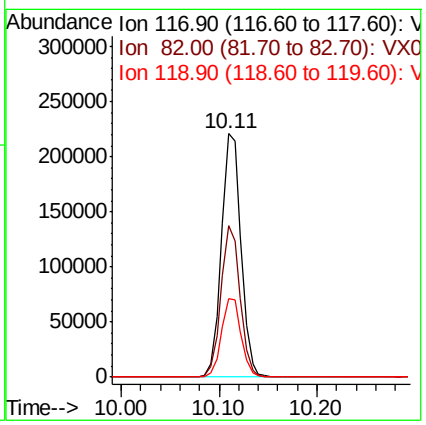


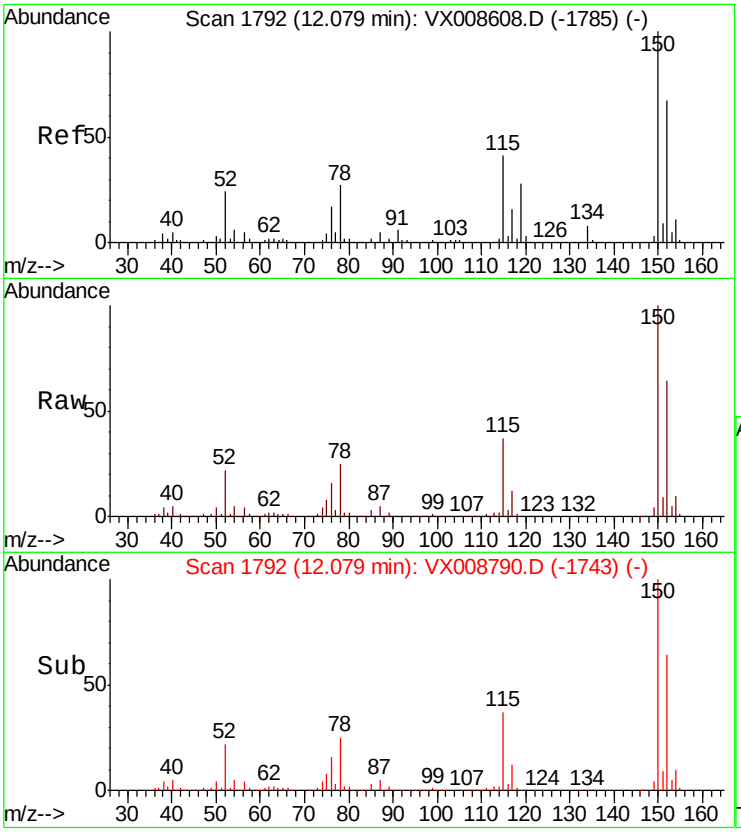


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:117 Resp: 306421

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.6	74.4
119	32.2	25.0	37.4



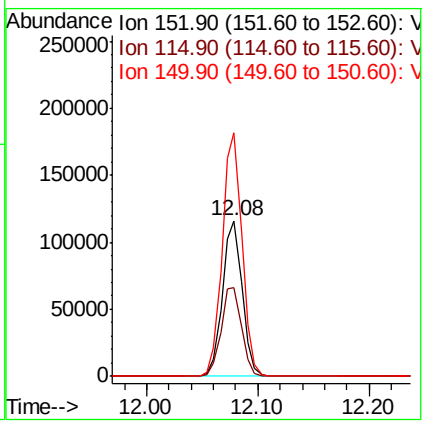


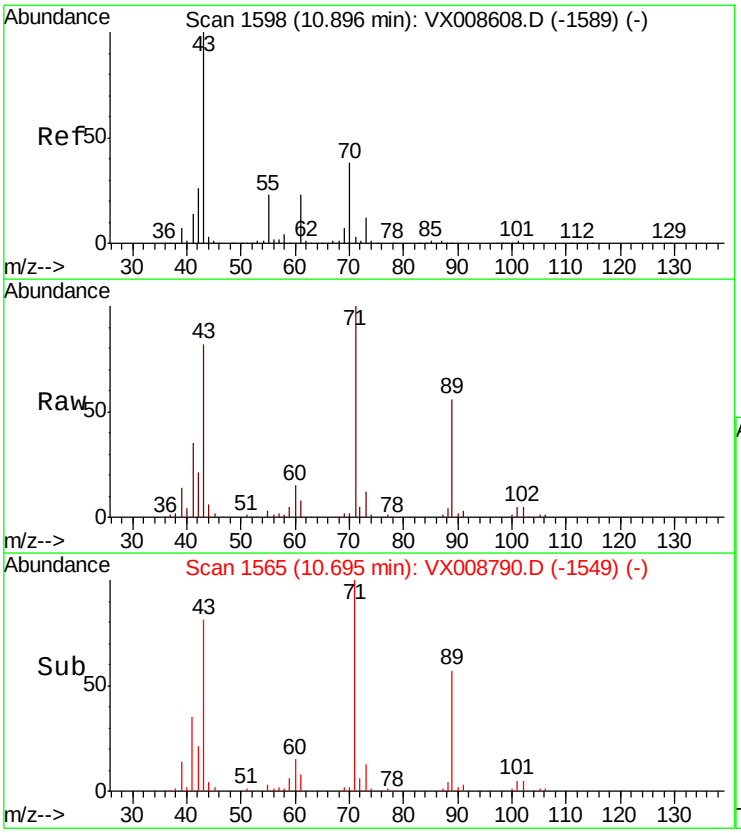
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion:152 Resp: 141895

Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.5	130.5
150	156.4	0.0	348.8

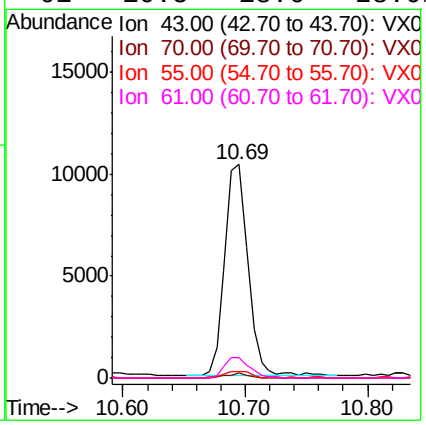


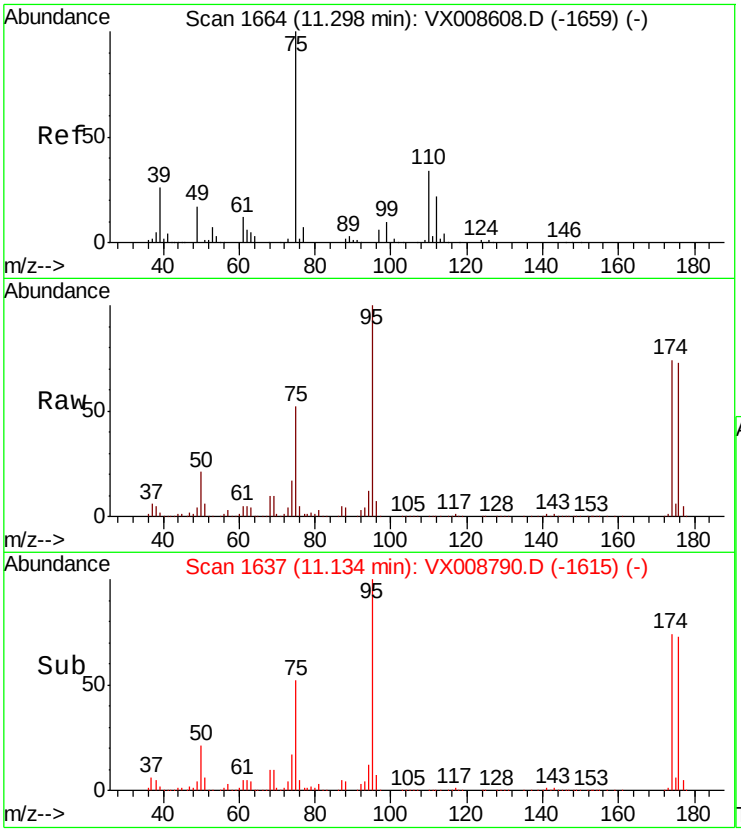


#74
N-amyl acetate
Concen: 1.997 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion: 43 Resp: 13814

Ion	Ratio	Lower	Upper
43	100		
70	2.1	30.2	45.4#
55	4.2	18.2	27.4#
61	10.5	18.6	28.0#



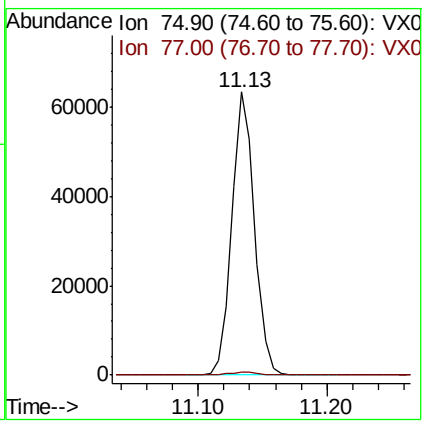


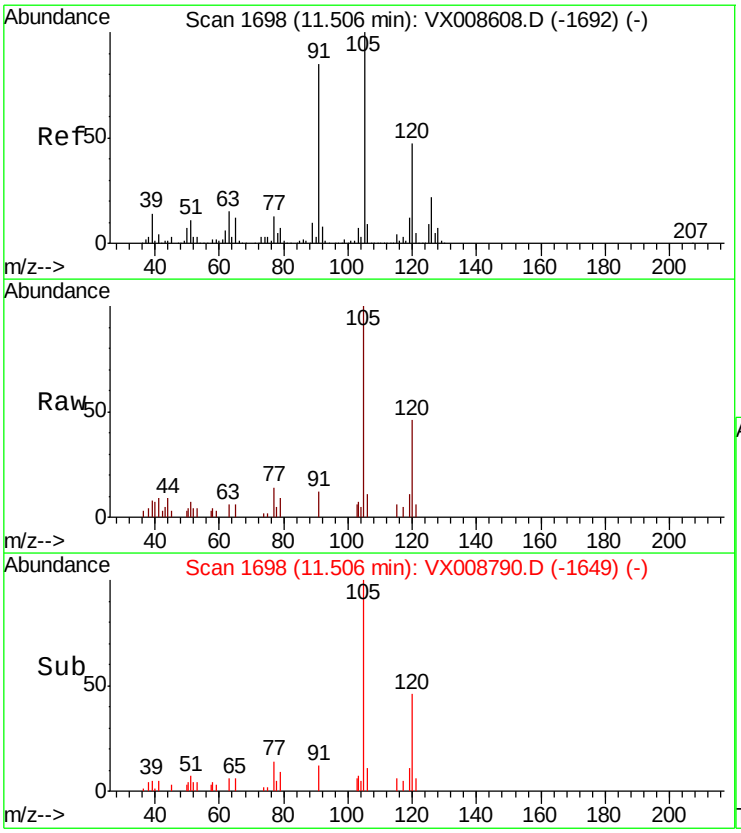
#76
1,2,3-Trichloropropane
Concen: 19.956 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 75 Resp: 77788

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.3	66.8#

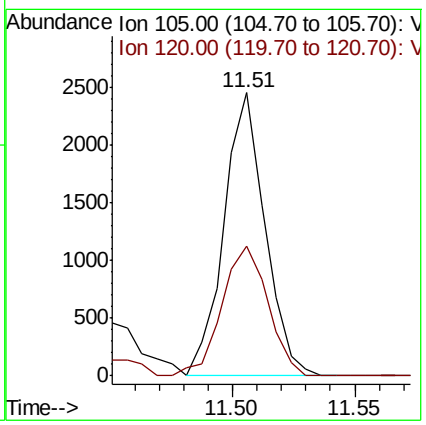


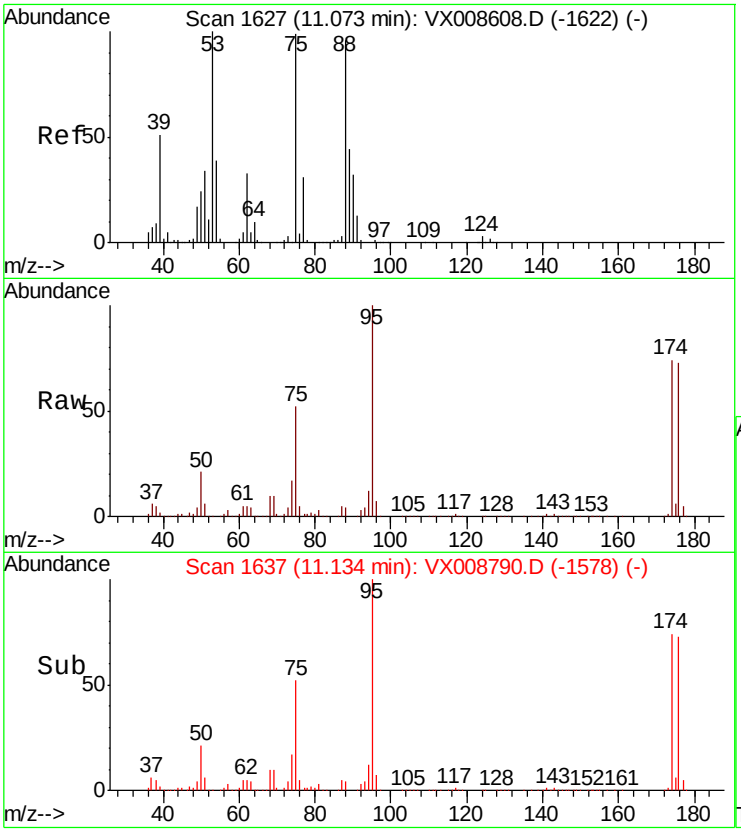


#80
1,3,5-Trimethylbenzene
Concen: 0.291 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:105 Resp: 2869

Ion	Ratio	Lower	Upper
105	100		
120	51.2	23.5	70.6



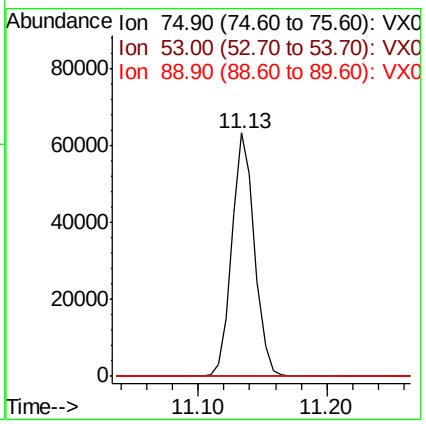


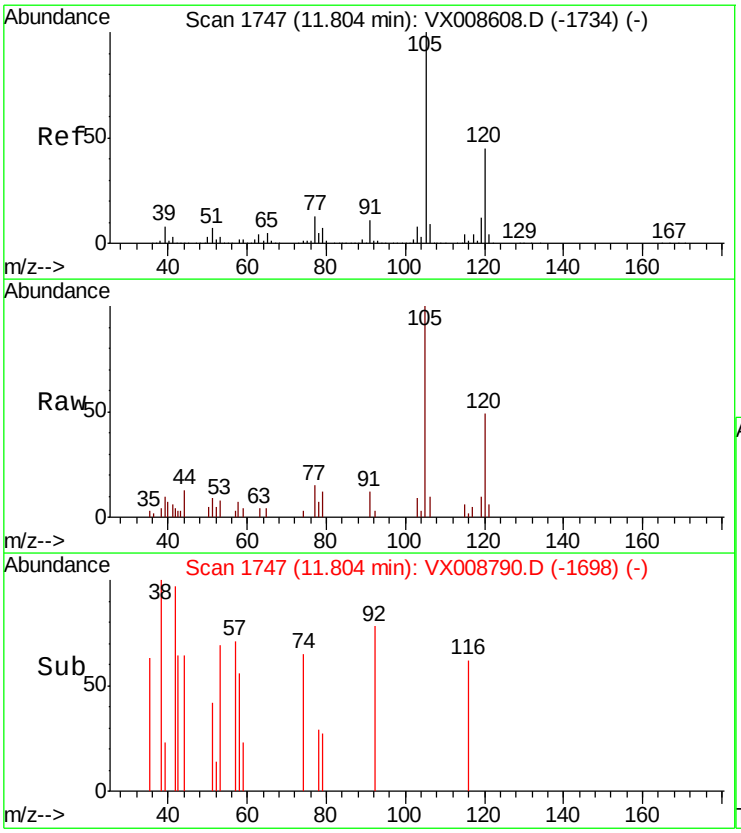
#81
trans-1,4-Dichloro-2-butene
Concen: 55.009 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument :
MSVOA_X
ClientSampleId :
TP-3-SHALLOW

Tgt Ion: 75 Resp: 77788

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

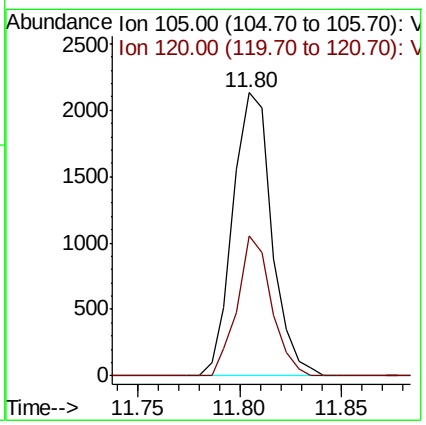


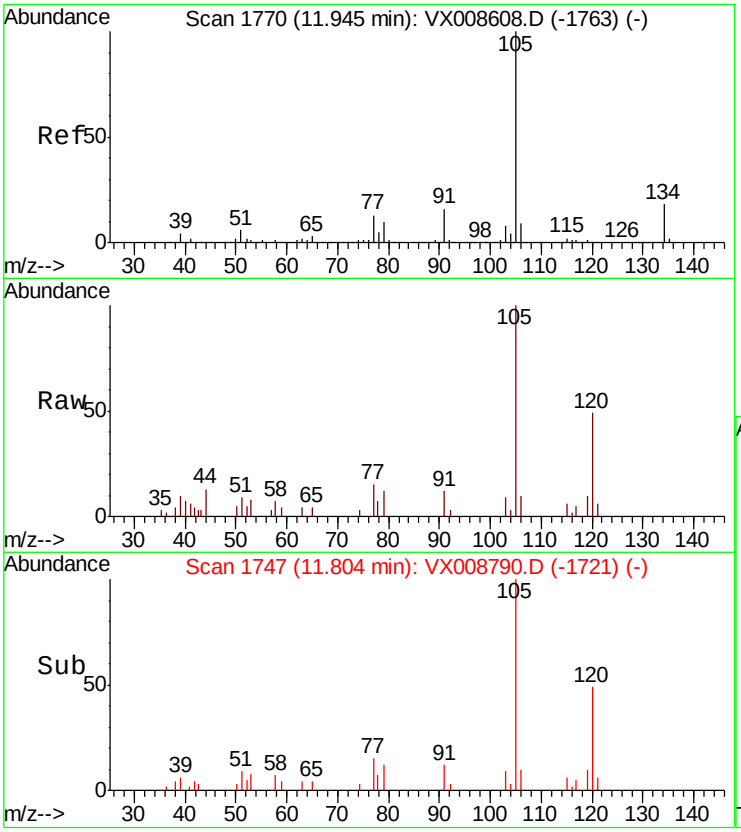


#84
1,2,4-Trimethylbenzene
Concen: 0.283 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:105 Resp: 2828

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.8	65.3



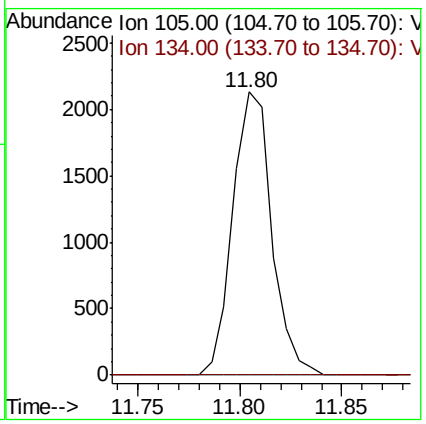


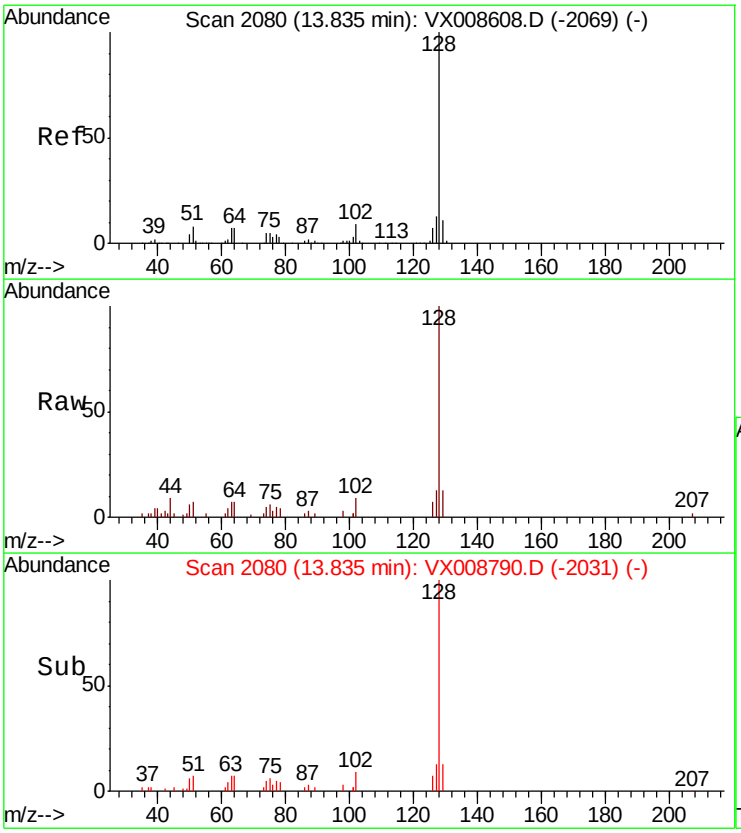
#85
sec-Butylbenzene
Concen: 0.251 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Instrument : MSVOA_X
ClientSampleId : TP-3-SHALLOW

Tgt Ion:105 Resp: 2828

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.4	28.2#





#95
Naphthalene
Concen: 0.462 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008790.D
Acq: 09 Apr 2019 22:48

Tgt Ion:128 Resp: 5397

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	12.1	8.6	13.0