Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
Data File : VX006997.D
Acq On : 10 Jan 2019 18:27
Operator : JC/MD
Sample : K1099-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-21

Quant Time: Jan 11 07:15:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	615560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	967974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	905502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	331167	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
35) Dibromofluoromethane	5.50	113	294427	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.00%			
50) Toluene-d8	8.71	98	1155327	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
62) 4-Bromofluorobenzene	11.13	95	406940	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	1272	0.216	ug/l #	87
11) Tert butyl alcohol	3.07	59	2155	1.420	ug/l #	53
13) Acrolein	2.30	56	309	3.550	ug/l #	1
16) Acetone	2.45	43	38824	12.208	ug/l	97
18) Methyl Acetate	2.78	43	26575	2.885	ug/l	97
20) Methylene Chloride	2.86	84	14001	1.769	ug/l	95
25) 2-Butanone	4.70	43	16040	3.525	ug/l #	89
29) Tetrahydrofuran	5.17	42	2387	0.807	ug/l #	87
36) 1,1-Dichloropropene	5.66	75	40320	4.791	ug/l #	49
37) Ethyl Acetate	4.70	43	16040	1.778	ug/l #	70
38) Carbon Tetrachloride	5.67	117	55876	6.599	ug/l #	15
43) Isopropyl Acetate	6.46	43	33017	2.320	ug/l	98
48) Methyl methacrylate	7.68	41	20927	2.863	ug/l #	12
49) 1,4-Dioxane	7.75	88	51	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	160309	17.528	ug/l #	48
54) cis-1,3-Dichloropropene	8.62	75	79950	8.454	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	14684	1.357	ug/l #	45
59) 2-Hexanone	9.54	43	194360	27.886	ug/l #	52
67) Ethyl Benzene	10.25	91	24776	0.760	ug/l	96
68) m/p-Xylenes	10.35	106	45085	3.510	ug/l	97
69) o-Xylene	10.69	106	22207	1.773	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	191586	21.566	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	11534	0.447	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.13	75	191586	63.941	ug/l #	10
83) tert-Butylbenzene	11.80	119	8167	0.317	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.80	105	63240	2.435	ug/l	94
85) sec-Butylbenzene	11.80	105	63240	2.055	ug/l #	55
88) 1,4-Dichlorobenzene	12.08	146	929	0.208	ug/l #	1
90) Hexachloroethane	12.61	117	615	3.040	ug/l #	6

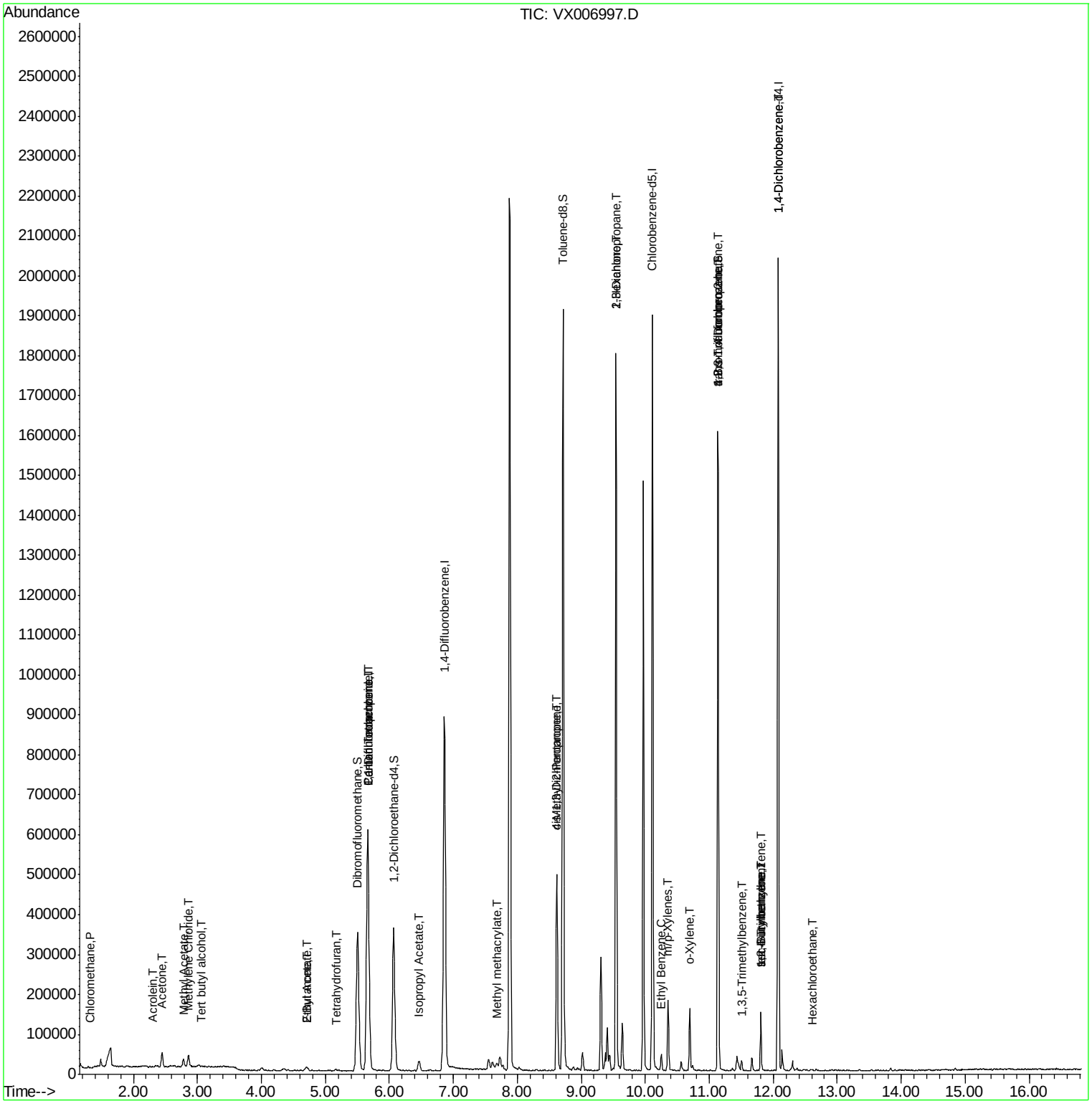
(#) = qualifier out of range (m) = manual integration (+) = signals summed

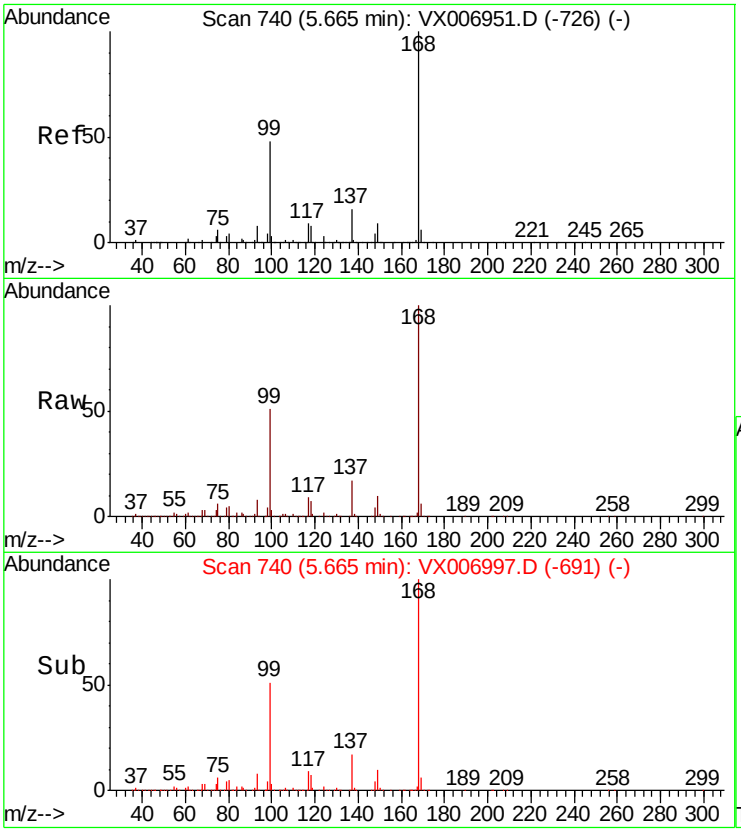
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
Data File : VX006997.D
Acq On : 10 Jan 2019 18:27
Operator : JC/MD
Sample : K1099-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Quant Time: Jan 11 07:15:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



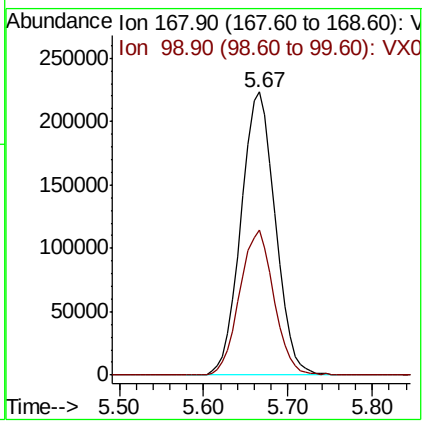


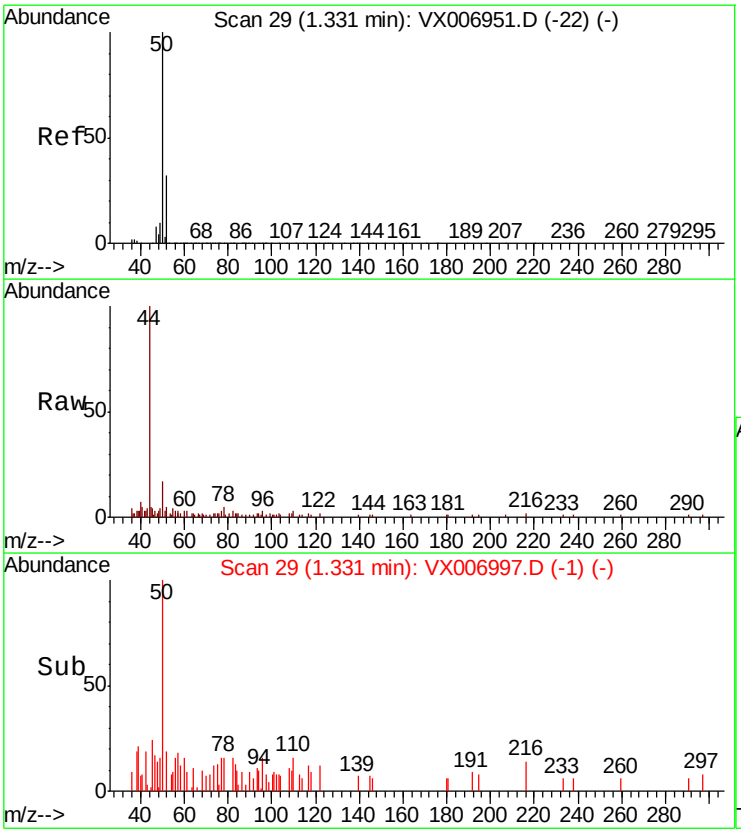
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:168 Resp: 615560

Ion	Ratio	Lower	Upper
168	100		
99	51.3	41.8	62.8

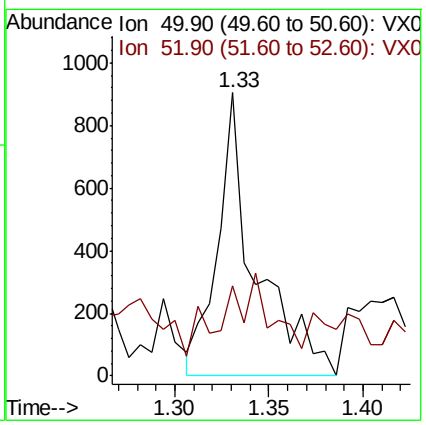


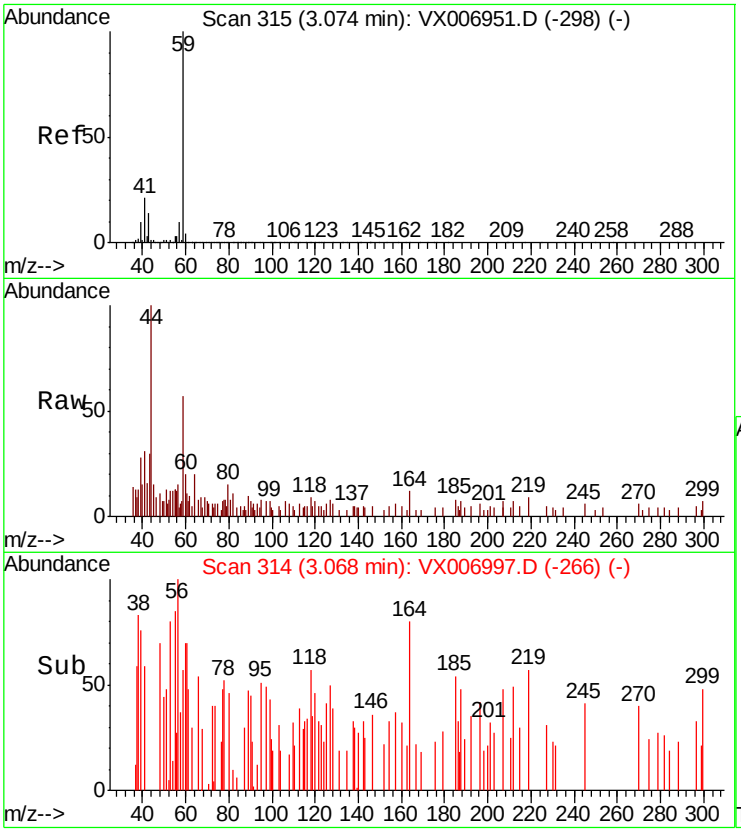


#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 50 Resp: 1272

Ion	Ratio	Lower	Upper
50	100		
52	24.8	25.4	38.2#



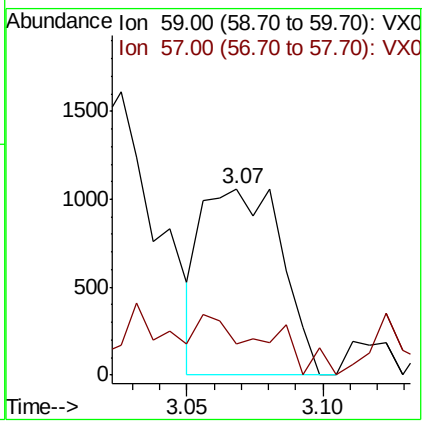


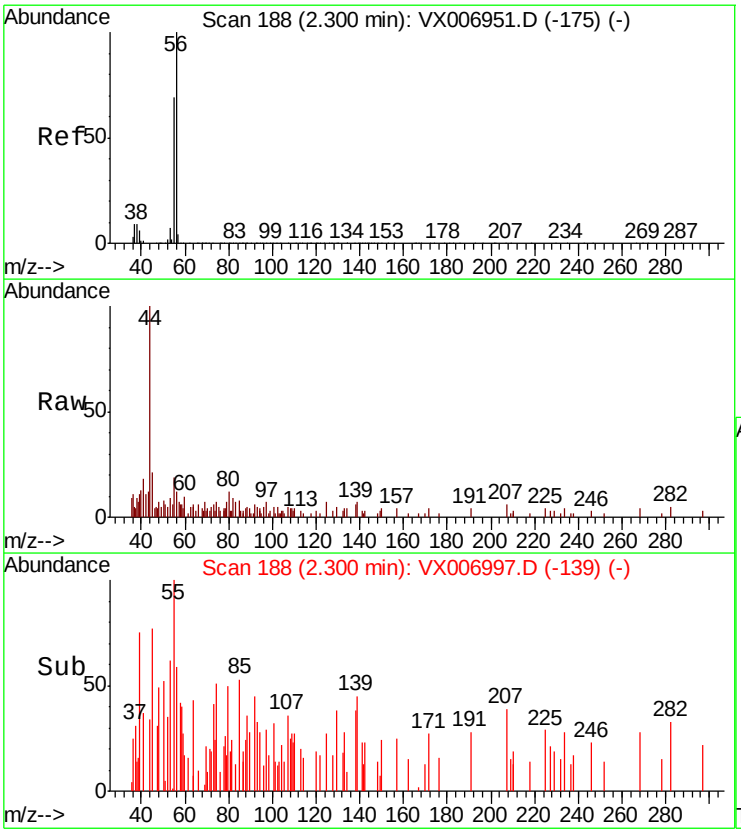
#11
Tert butyl alcohol
Concen: 1.420 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 59 Resp: 2155

Ion	Ratio	Lower	Upper
59	100		
57	28.4	8.5	12.7#

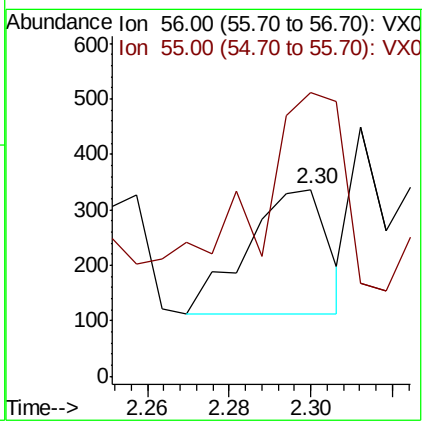


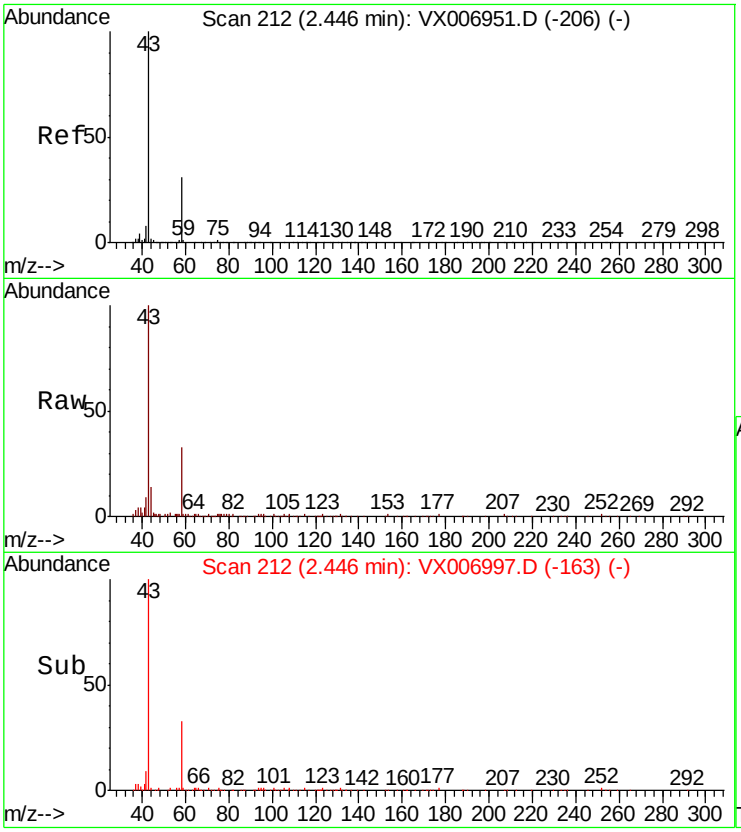


#13
Acrolein
Concen: 3.550 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 56 Resp: 309

Ion	Ratio	Lower	Upper
56	100		
55	168.3	58.2	87.4#



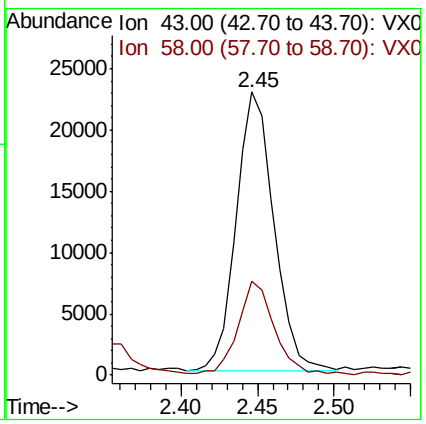


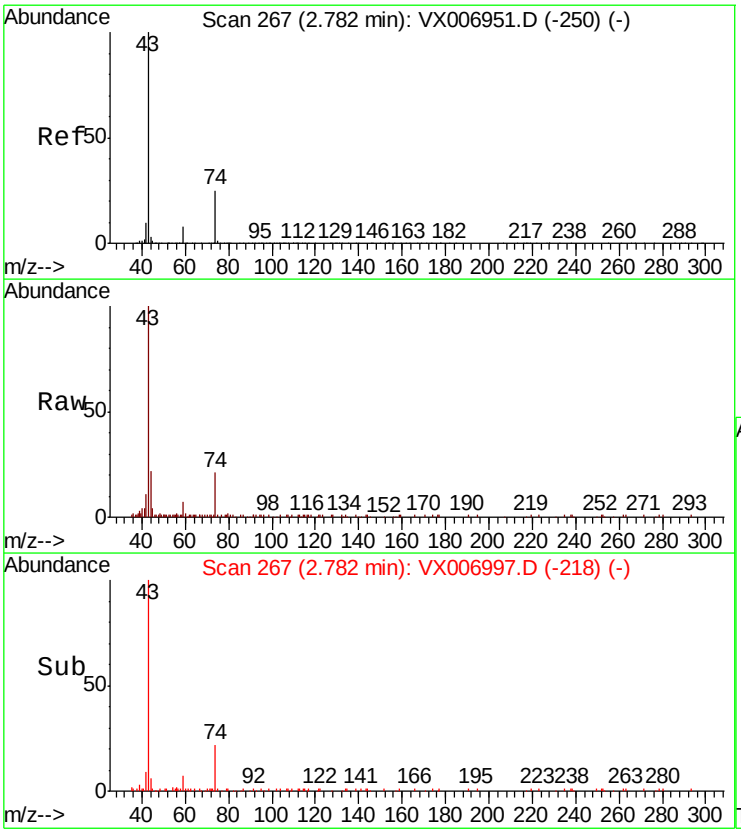
#16
Acetone
Concen: 12.208 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 43 Resp: 38824

Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.0	37.6

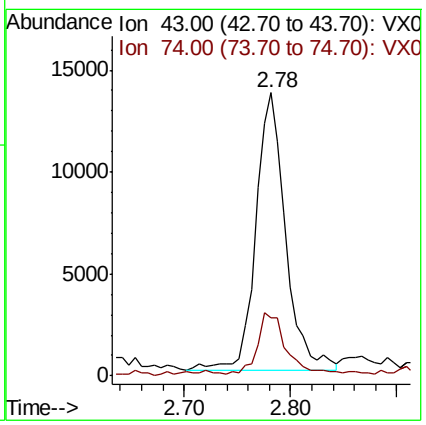


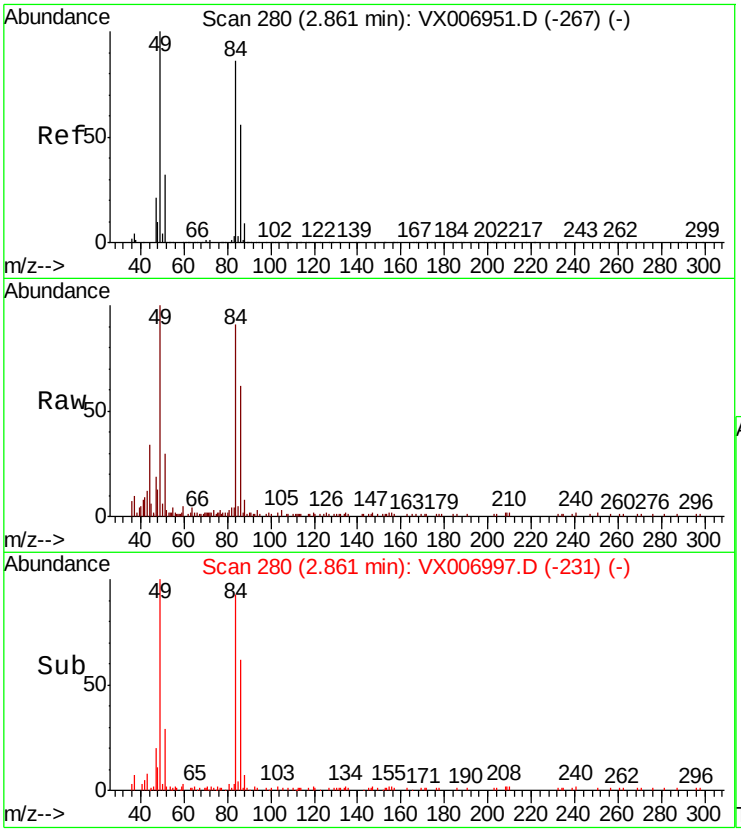


#18
Methyl Acetate
Concen: 2.885 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 43 Resp: 26575

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.6	28.0



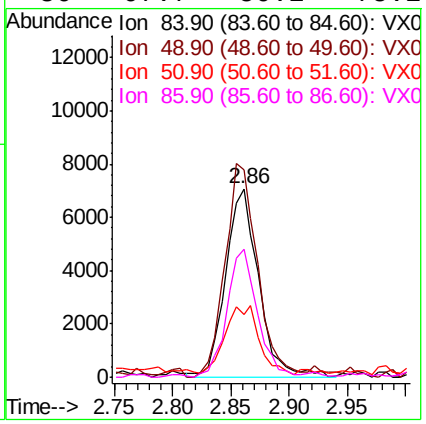


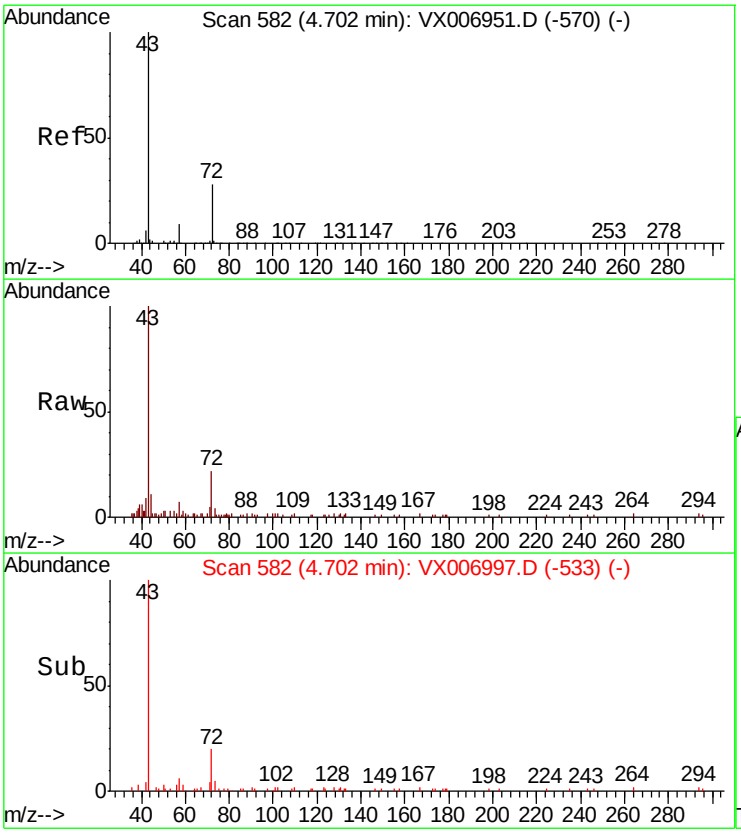
#20
Methylene Chloride
Concen: 1.769 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 84 Resp: 14001

Ion	Ratio	Lower	Upper
84	100		
49	111.3	91.8	137.6
51	30.8	28.5	42.7
86	67.7	50.2	75.2

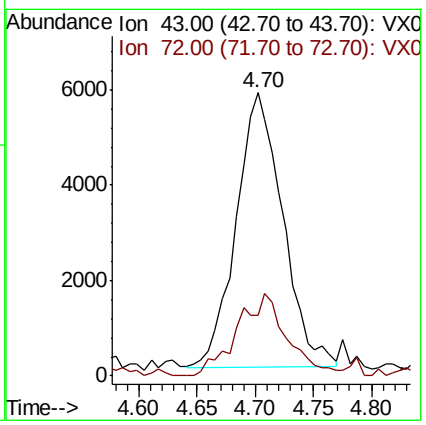


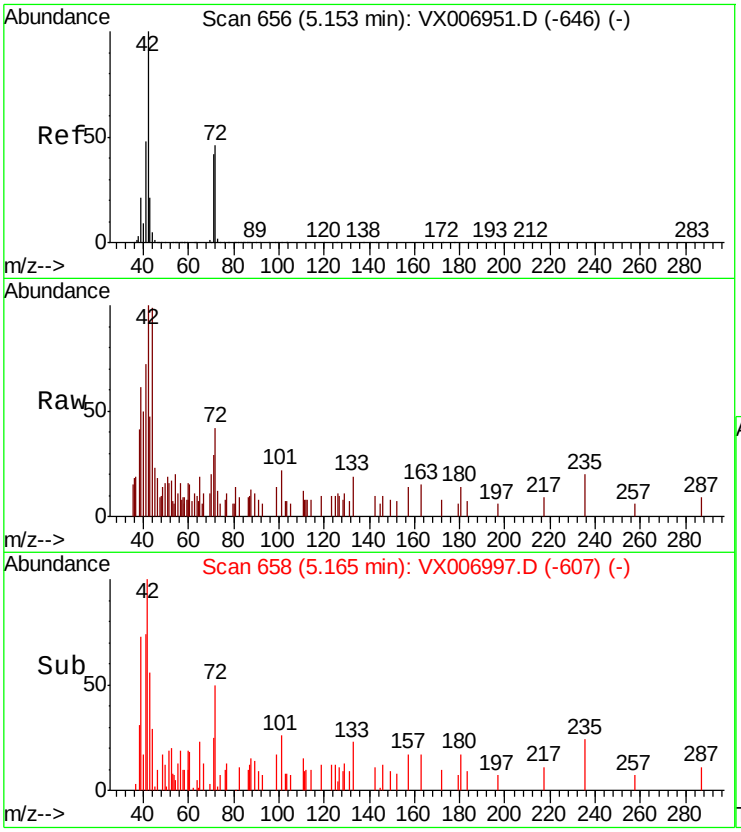


#25
2-Butanone
Concen: 3.525 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 43 Resp: 16040

Ion	Ratio	Lower	Upper
43	100		
72	22.2	22.4	33.6#



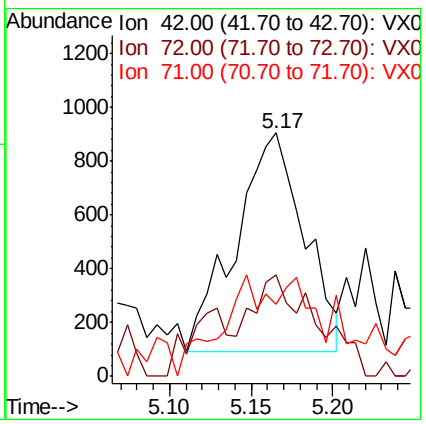


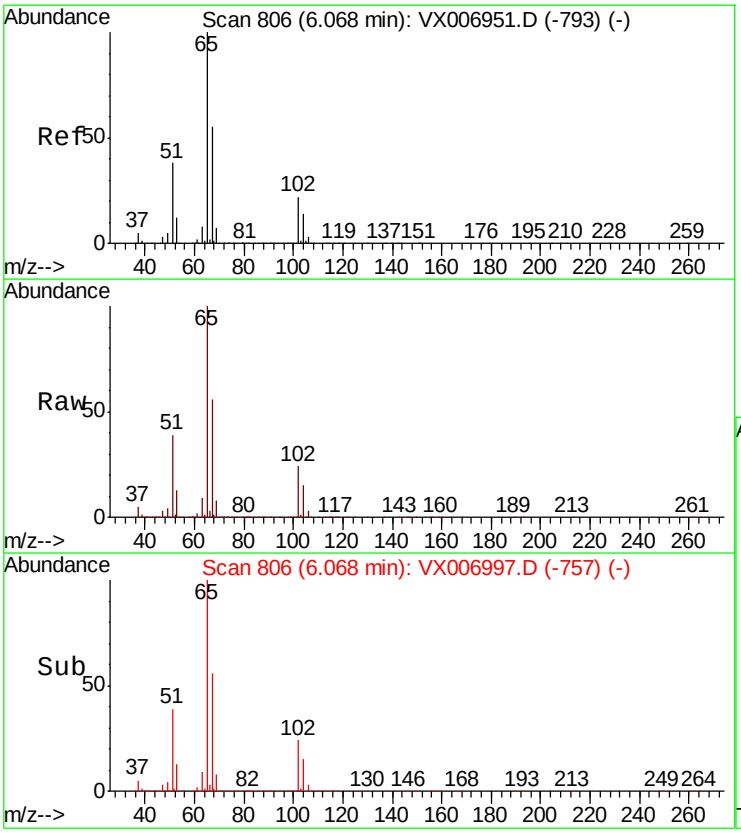
#29
Tetrahydrofuran
Concen: 0.807 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 42 Resp: 2387

Ion	Ratio	Lower	Upper
42	100		
72	43.1	38.9	58.3
71	33.5	36.2	54.4#

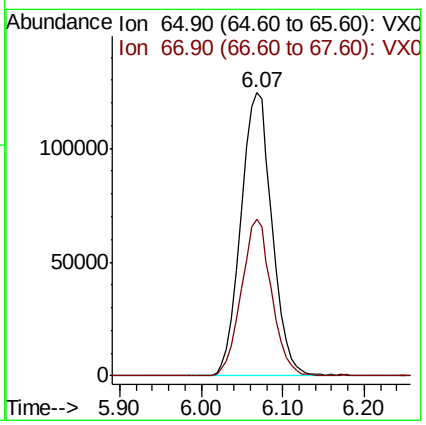


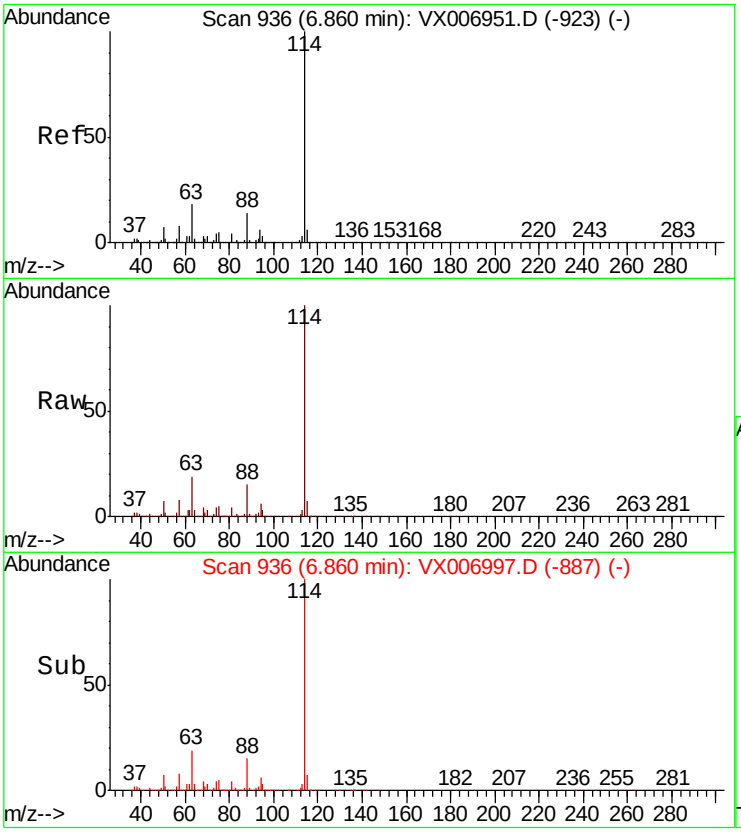


#33
1,2-Dichloroethane-d4
Concen: 51.478 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 65 Resp: 331167

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0



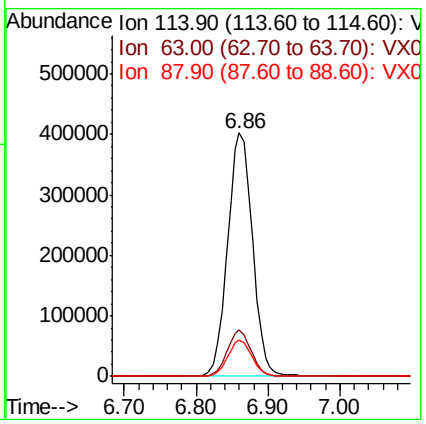


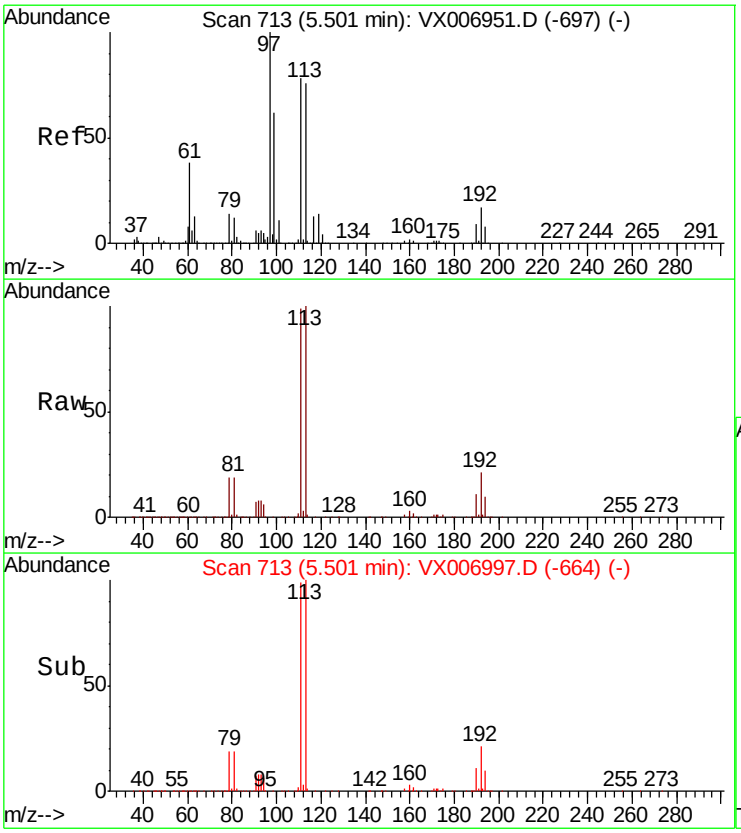
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:114 Resp: 967974

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	34.8
88	14.7	0.0	28.8

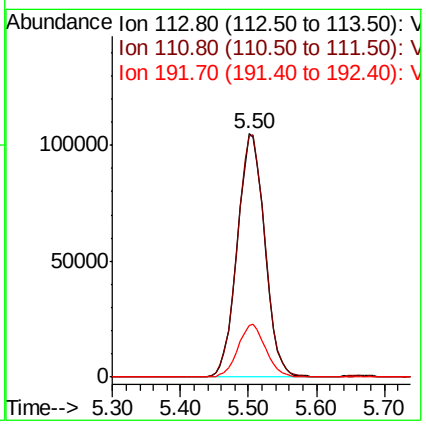


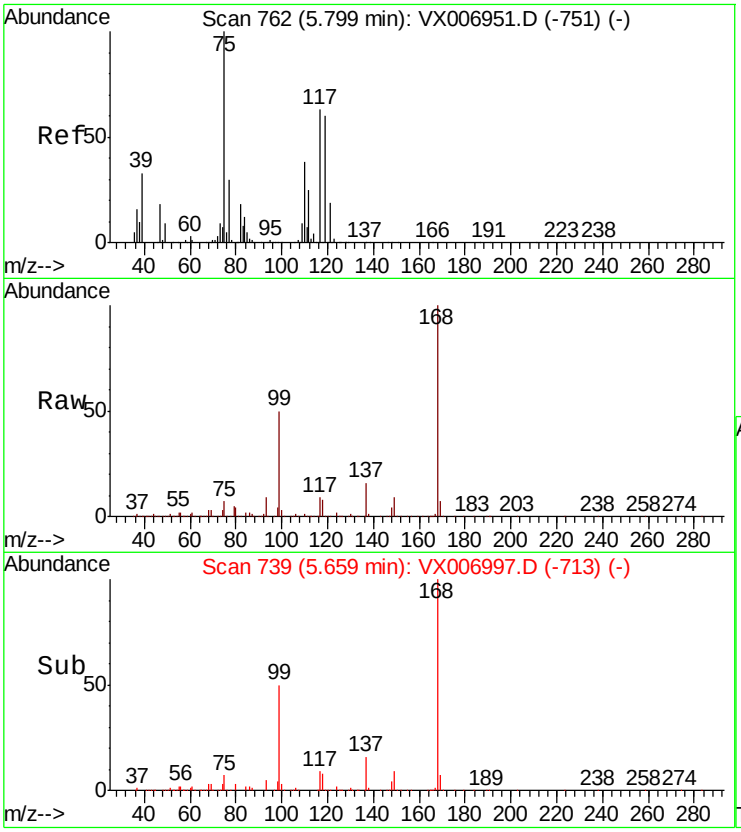


#35
Dibromofluoromethane
Concen: 47.497 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion:113 Resp: 294427

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.6	122.4
192	21.7	16.7	25.1



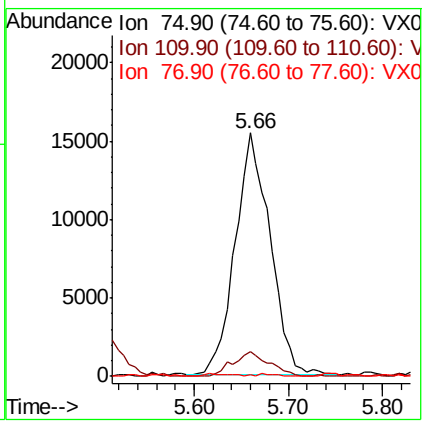


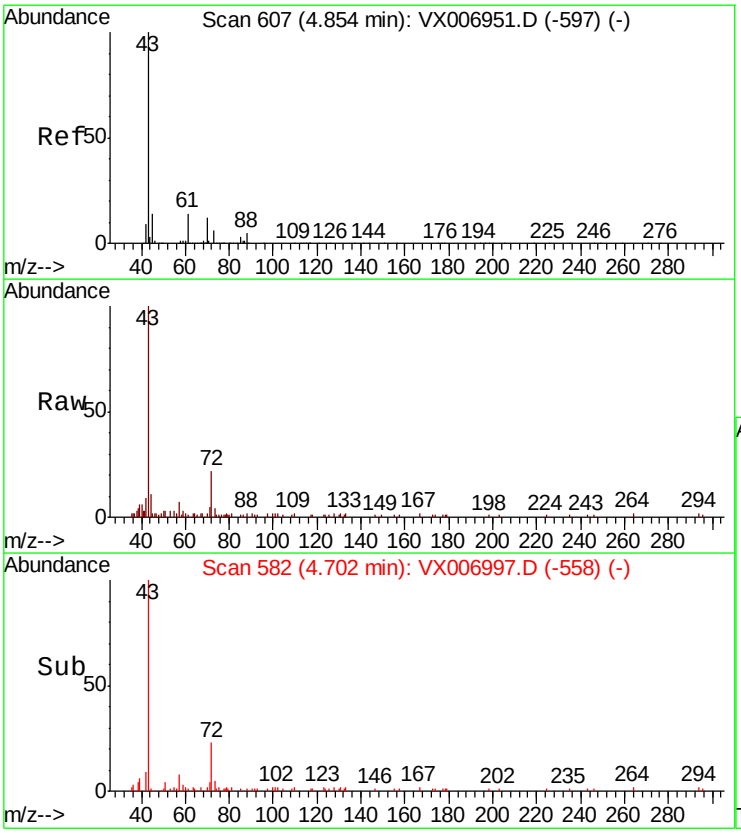
#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 75 Resp: 40320

Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.2	60.5#
77	0.5	24.8	37.2#

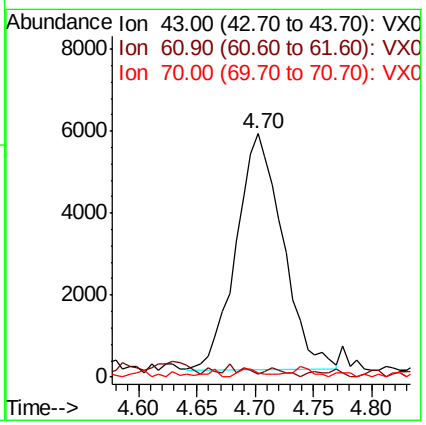


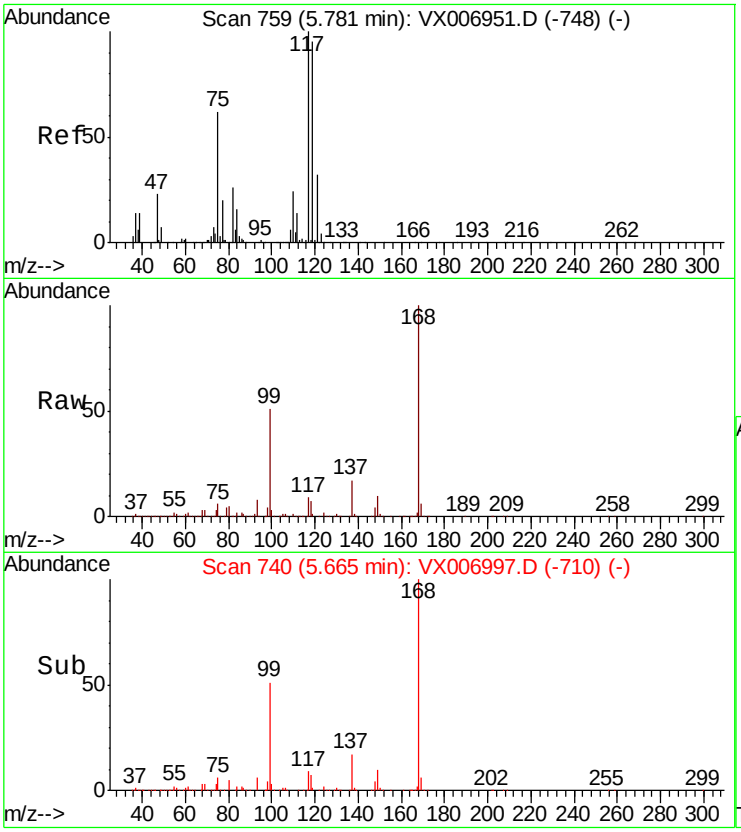


#37
Ethyl Acetate
Concen: 1.778 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 43 Resp: 16040

Ion	Ratio	Lower	Upper
43	100		
61	1.6	11.9	17.9#
70	1.6	9.7	14.5#



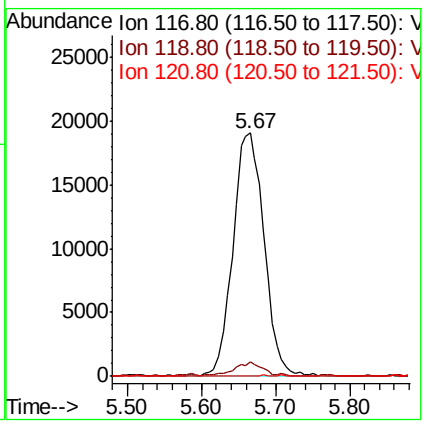


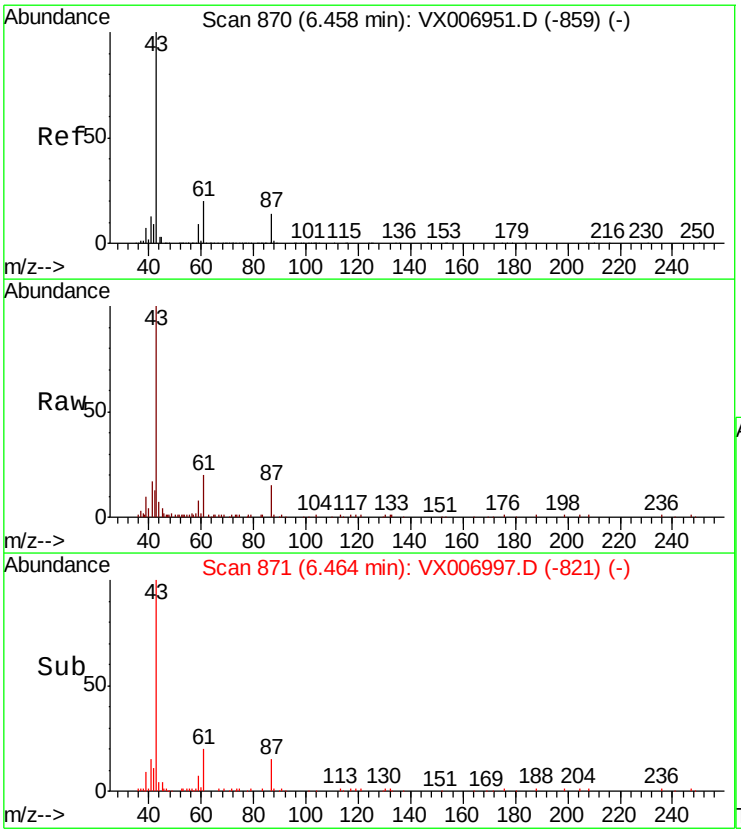
#38
Carbon Tetrachloride
Concen: 6.599 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:117 Resp: 55876

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.4	119.2#
121	0.3	24.0	36.0#

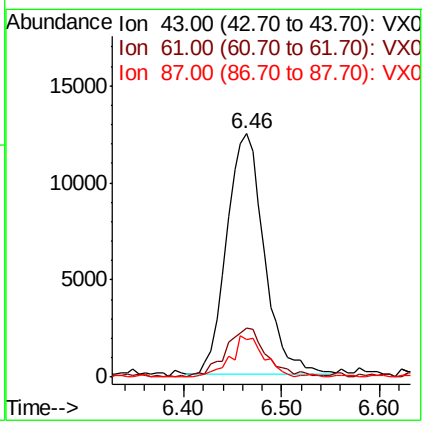


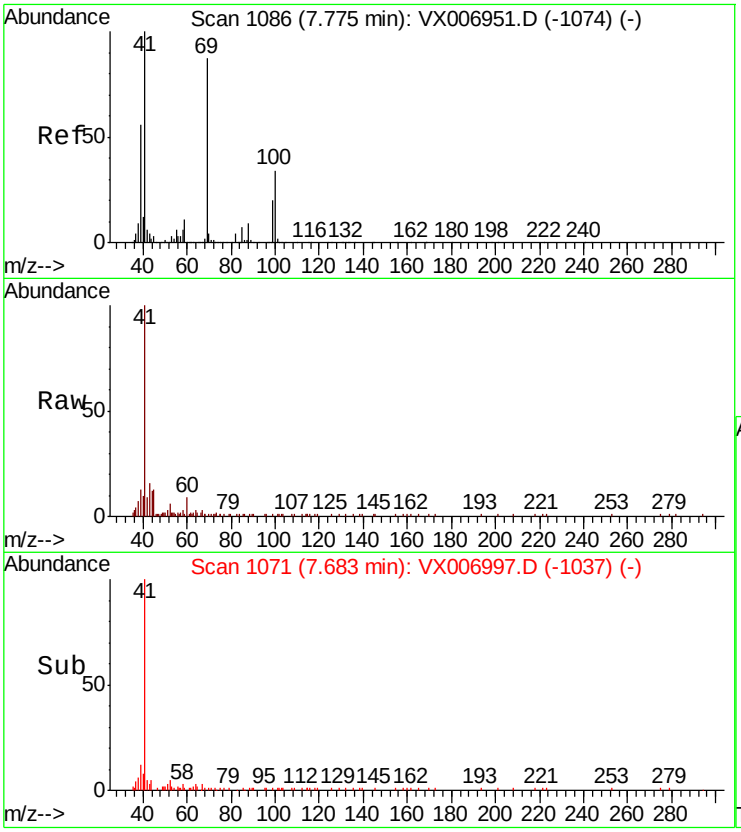


#43
Isopropyl Acetate
Concen: 2.320 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 43 Resp: 33017

Ion	Ratio	Lower	Upper
43	100		
61	22.6	16.8	25.2
87	15.1	12.4	18.6



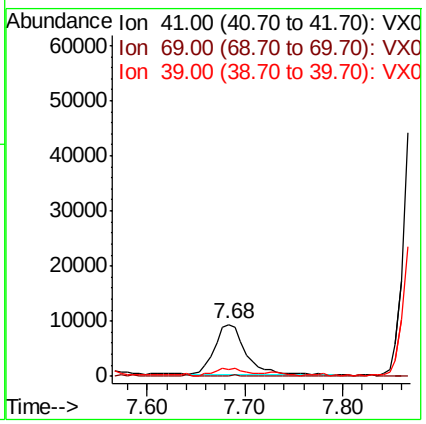


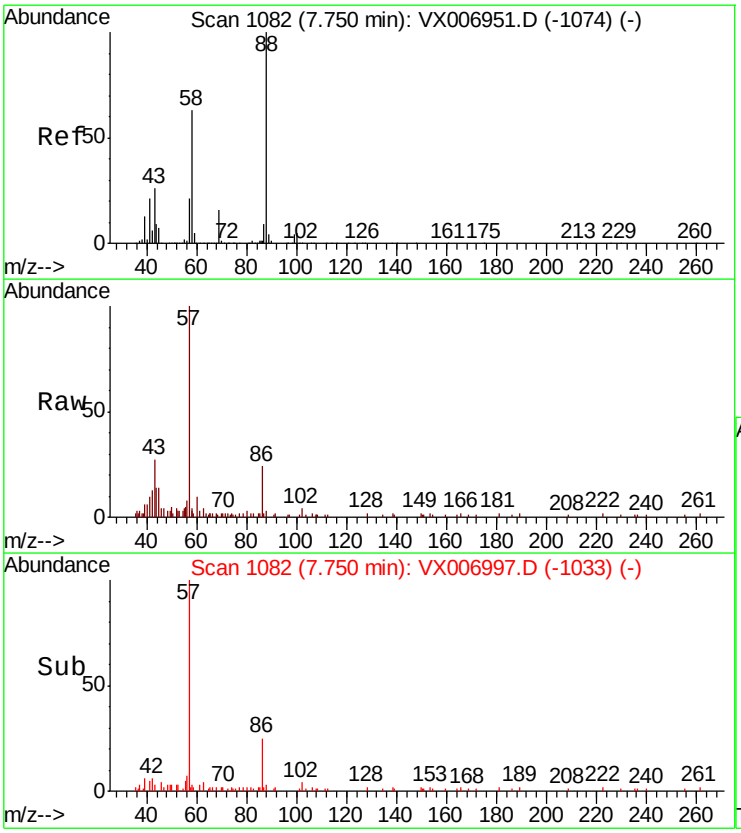
#48
Methyl methacrylate
Concen: 2.863 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 41 Resp: 20927

Ion	Ratio	Lower	Upper
41	100		
69	0.8	72.4	108.6#
39	0.0	45.8	68.8#

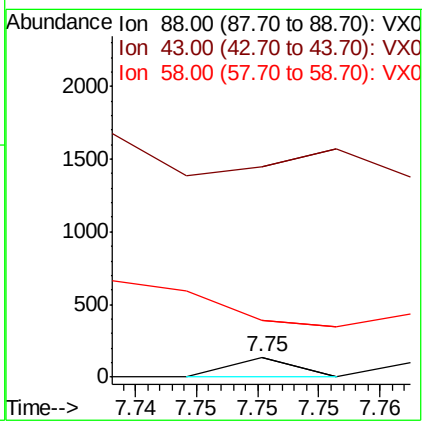


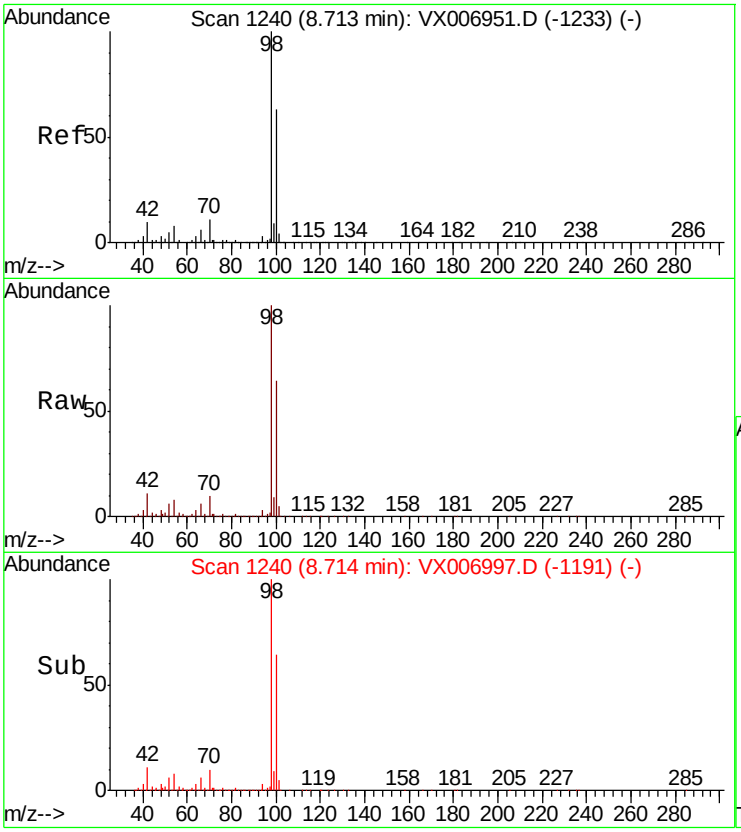


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	0.0	51.0	76.4#



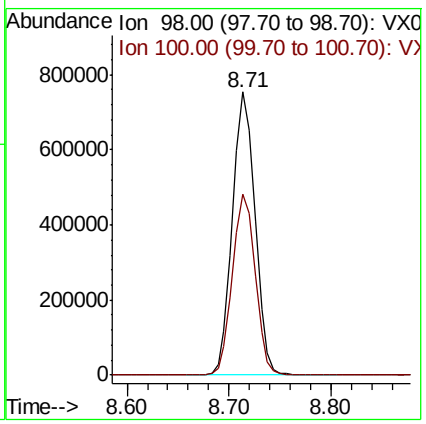


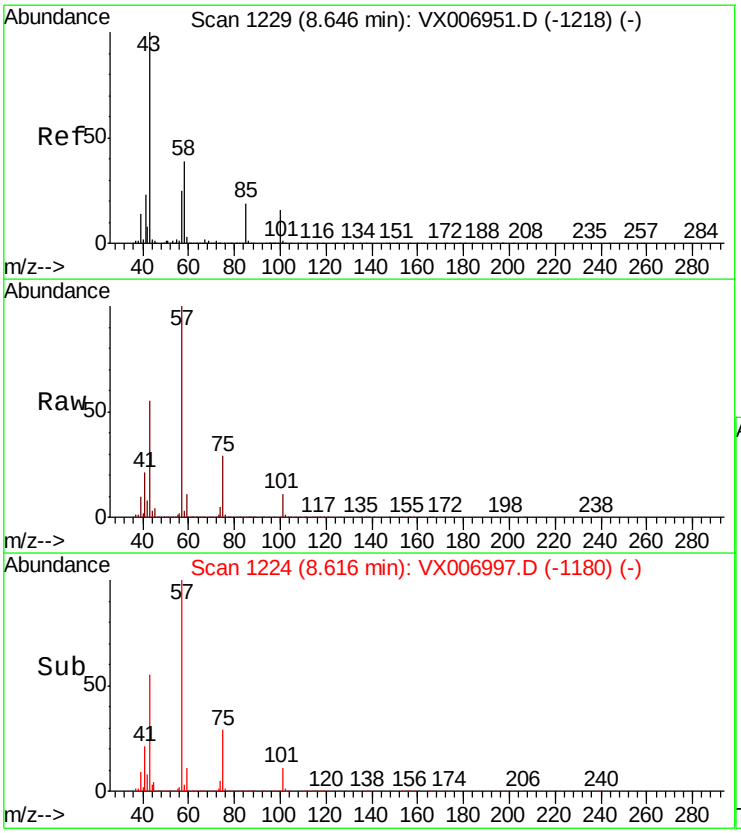
#50
Toluene-d8
Concen: 50.919 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 98 Resp: 1155327

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

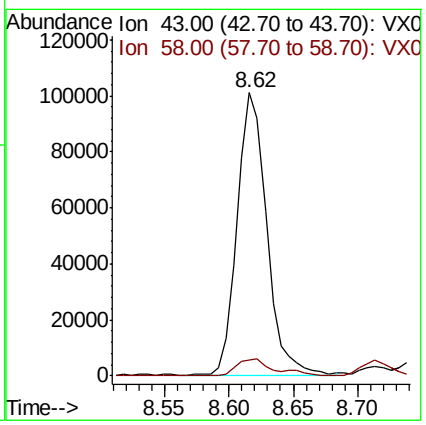


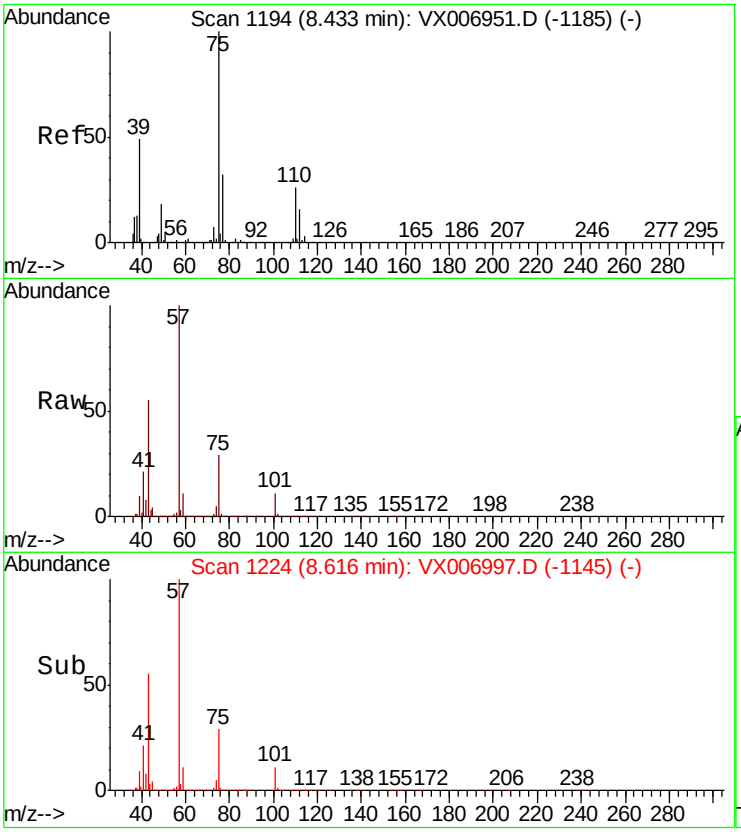


#51
4-Methyl-2-Pentanone
Concen: 17.528 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 43 Resp: 160309

Ion	Ratio	Lower	Upper
43	100		
58	8.0	31.8	47.6#



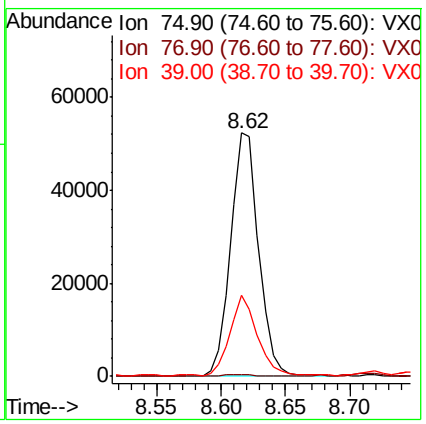


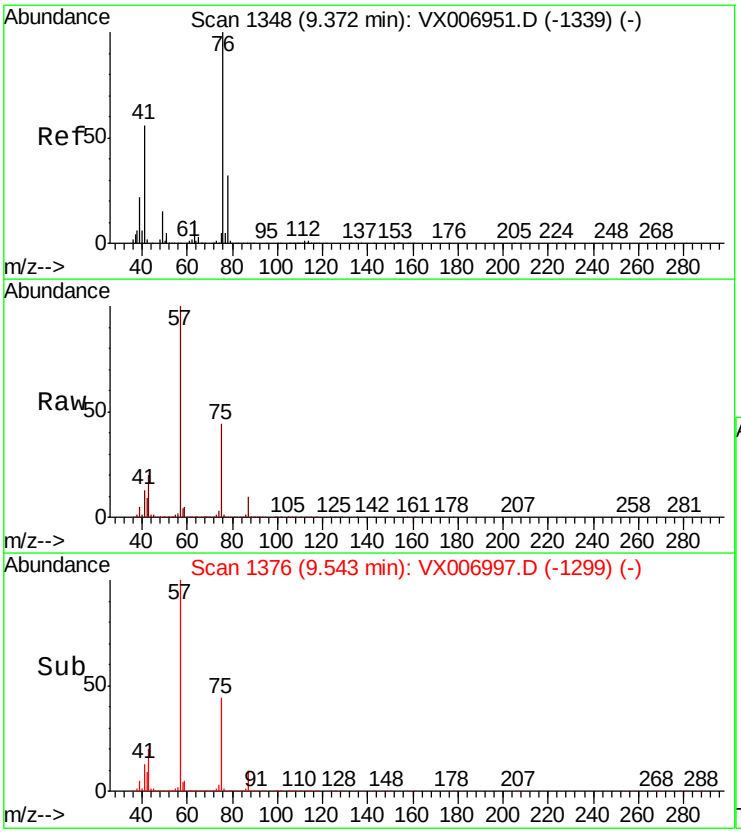
#54
cis-1,3-Dichloropropene
Concen: 8.454 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion: 75 Resp: 79950

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.2	39.2#
39	32.7	36.7	55.1#

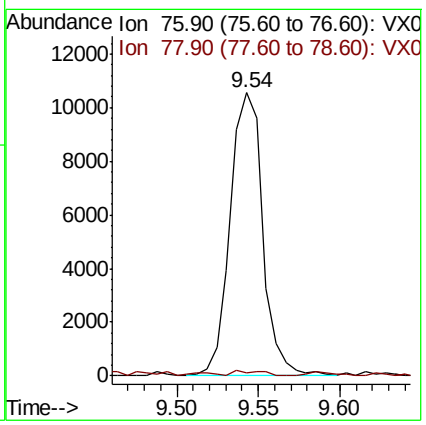


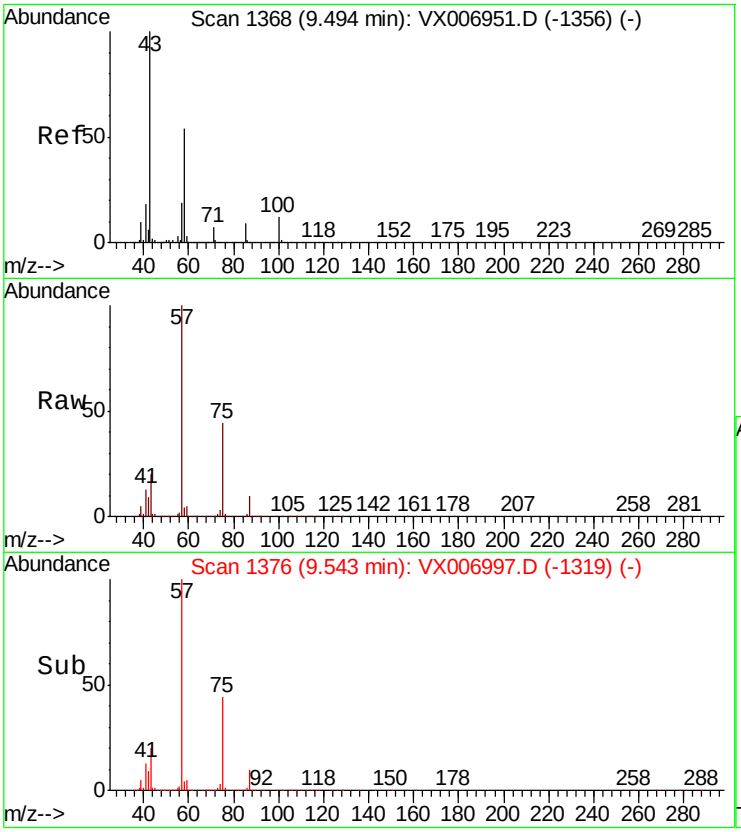


#57
1,3-Dichloropropane
Concen: 1.357 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 76 Resp: 14684

Ion	Ratio	Lower	Upper
76	100		
78	1.6	26.0	39.0#



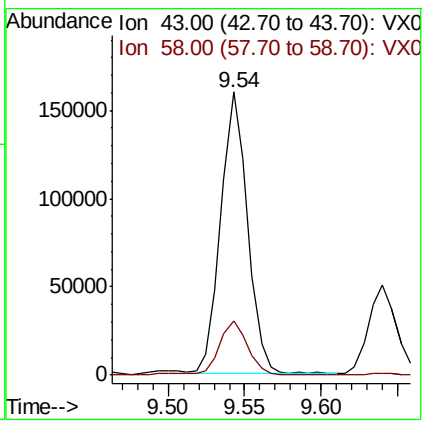


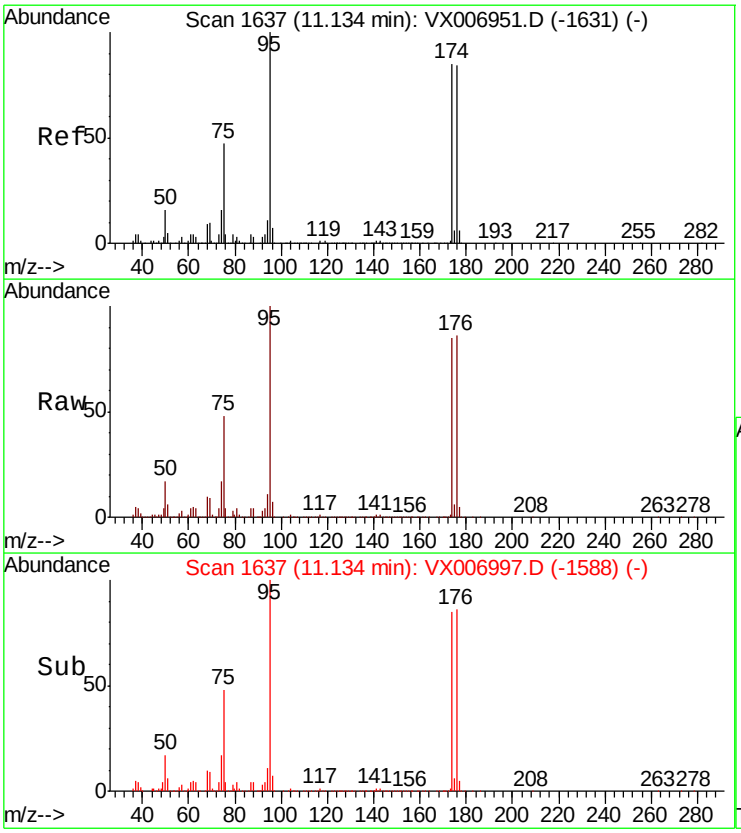
#59
2-Hexanone
Concen: 27.886 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument : MSVOA_X
ClientSampleId : TP-21

Tgt Ion: 43 Resp: 194360

Ion	Ratio	Lower	Upper
43	100		
58	20.3	27.7	83.1#

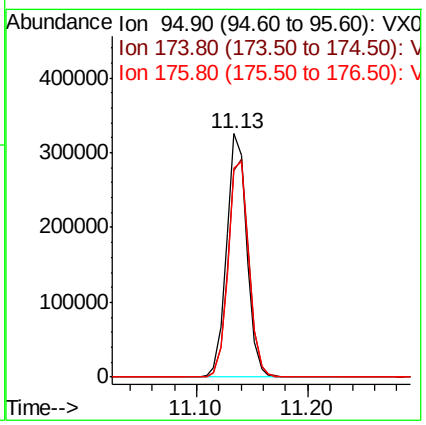


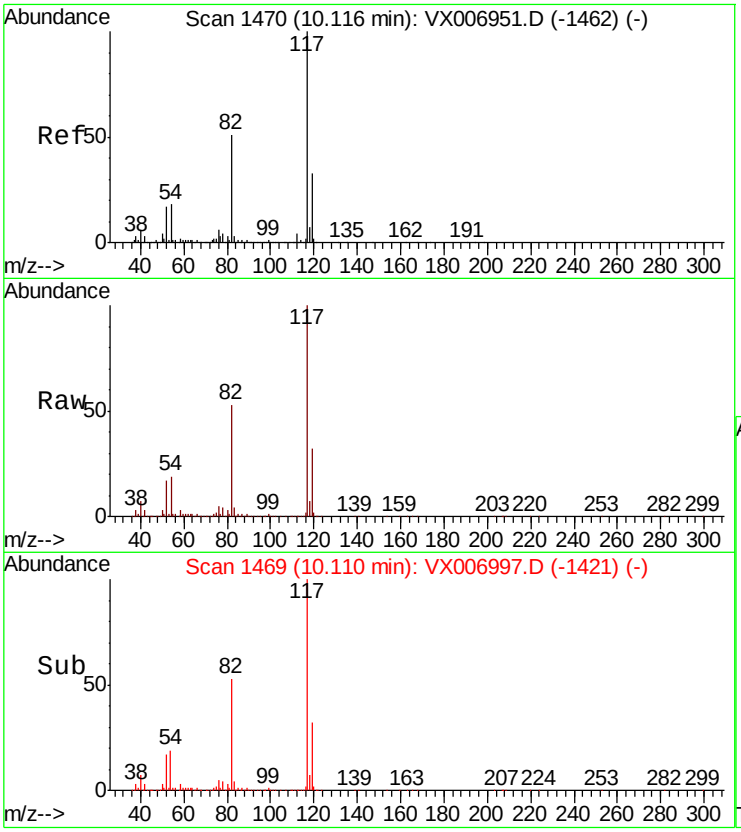


#62
4-Bromofluorobenzene
Concen: 51.445 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 95 Resp: 406940

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	182.2
176	90.7	0.0	178.8



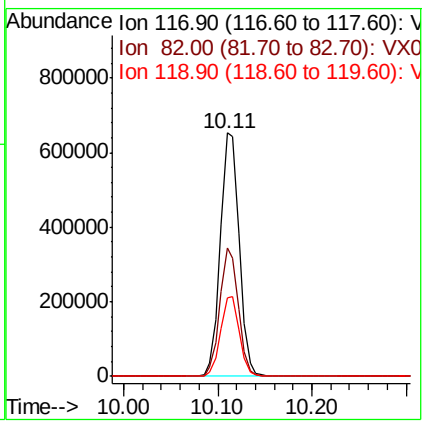


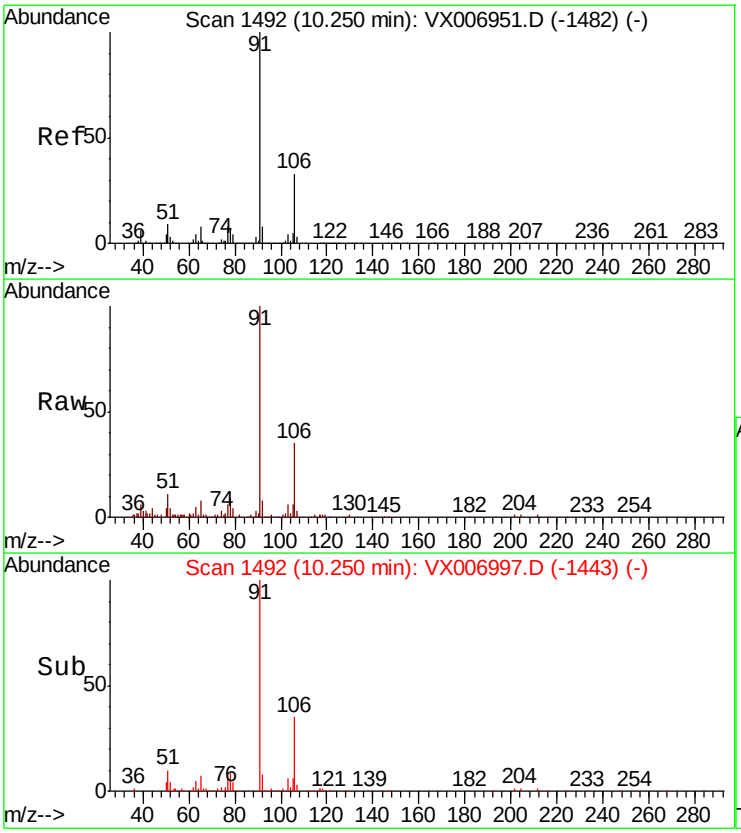
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument : MSVOA_X
ClientSampleId : TP-21

Tgt Ion:117 Resp: 905502

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.0	61.6
119	32.2	25.4	38.0

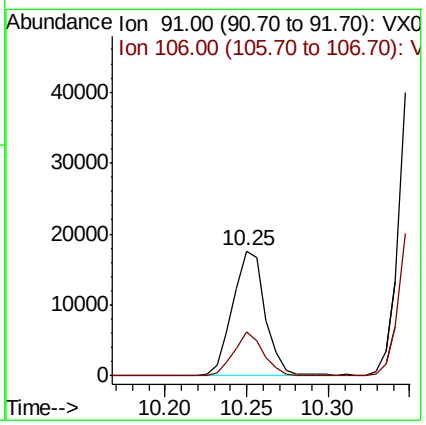


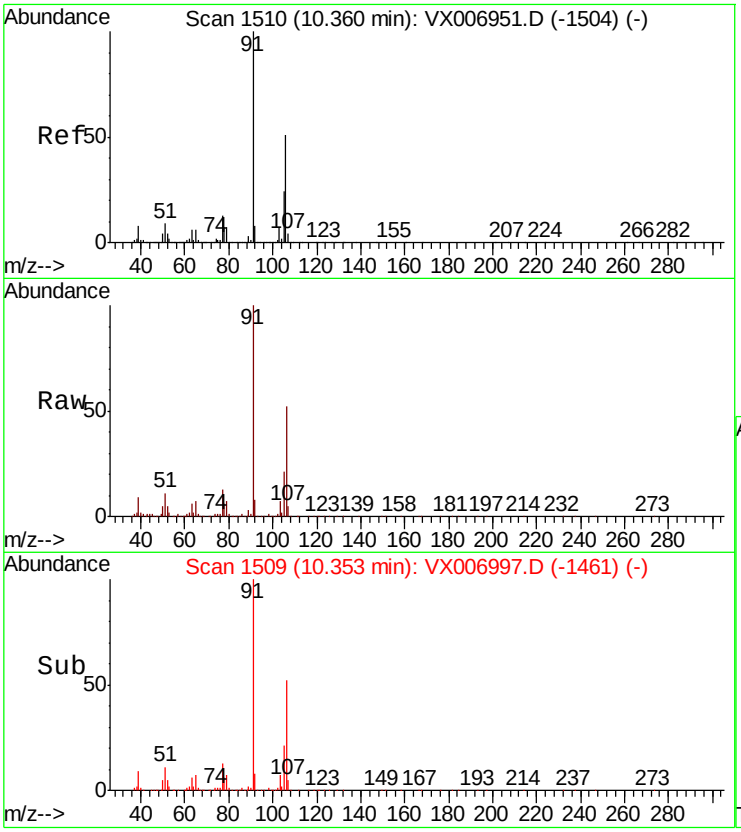


#67
Ethyl Benzene
Concen: 0.760 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 91 Resp: 24776

Ion	Ratio	Lower	Upper
91	100		
106	35.3	26.4	39.6



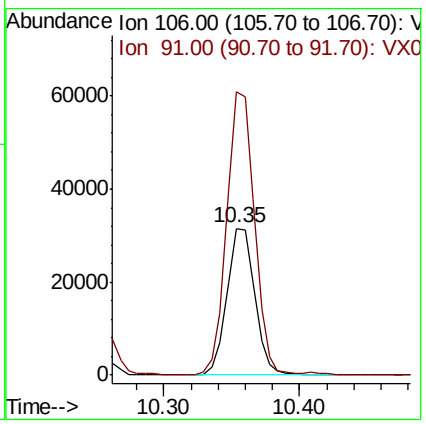


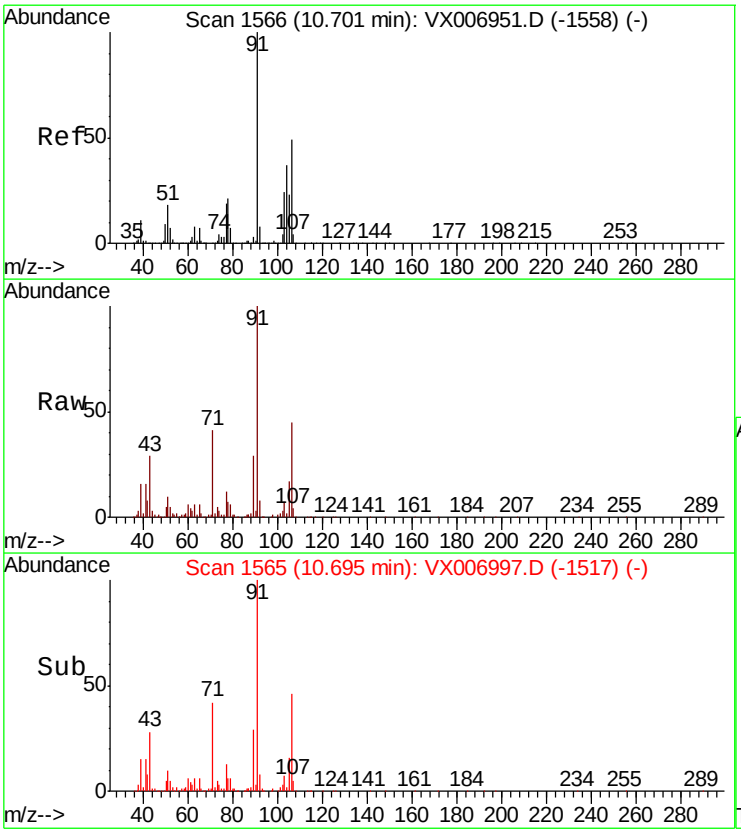
#68
m/p-Xylenes
Concen: 3.510 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:106 Resp: 45085

Ion	Ratio	Lower	Upper
106	100		
91	189.7	155.8	233.6

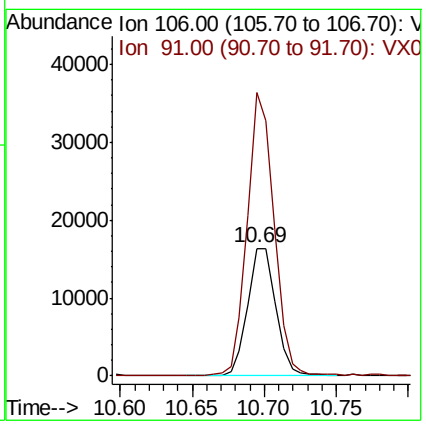


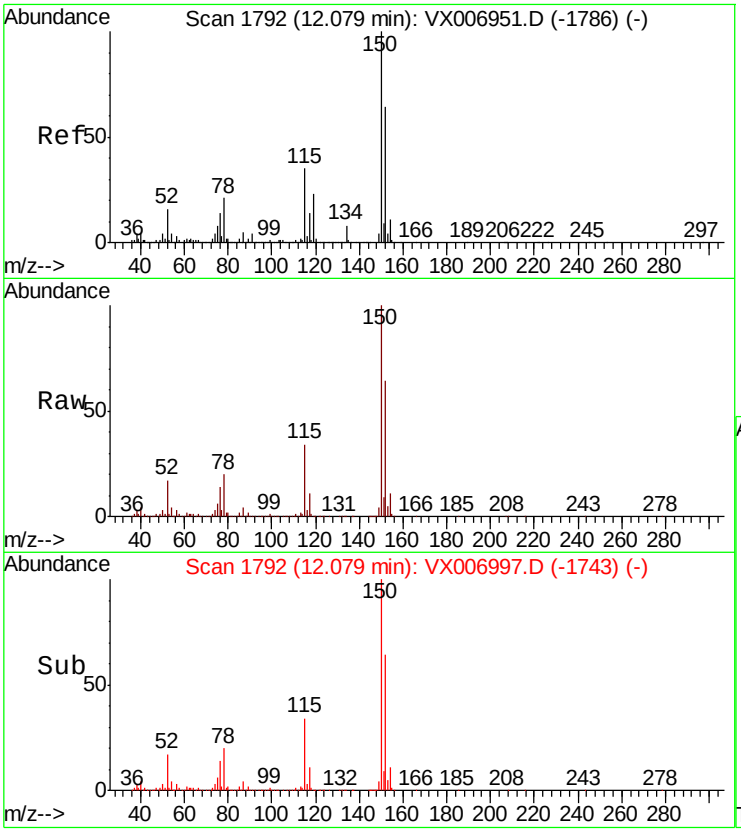


#69
o-Xylene
Concen: 1.773 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion:106 Resp: 22207

Ion	Ratio	Lower	Upper
106	100		
91	209.2	101.3	303.7



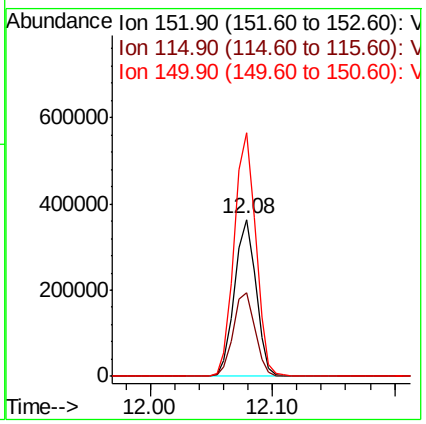


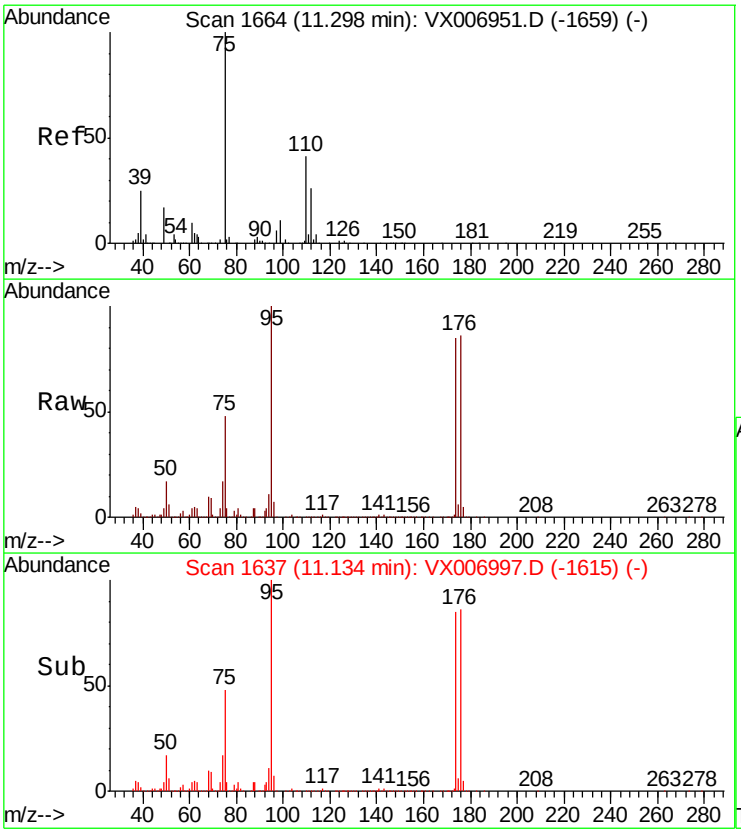
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:152 Resp: 438390

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.1	117.2
150	156.2	0.0	344.8

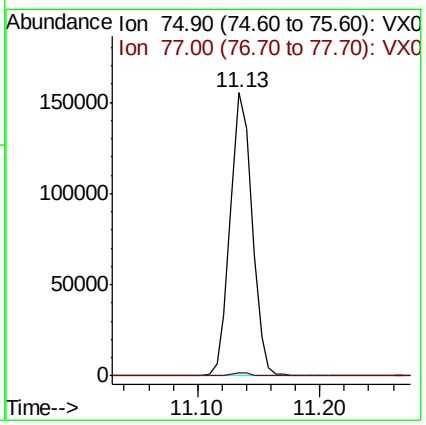


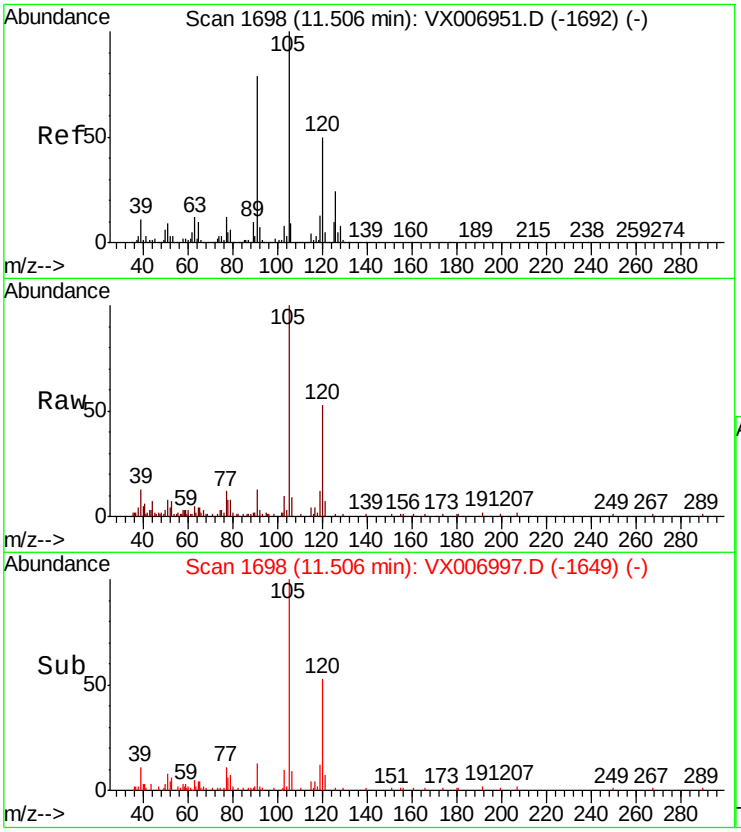


#76
1,2,3-Trichloropropane
Concen: 21.566 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 75 Resp: 191586

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#



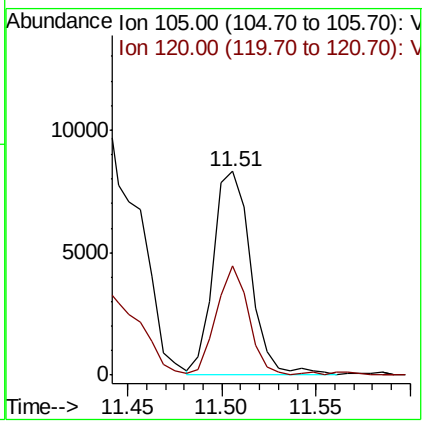


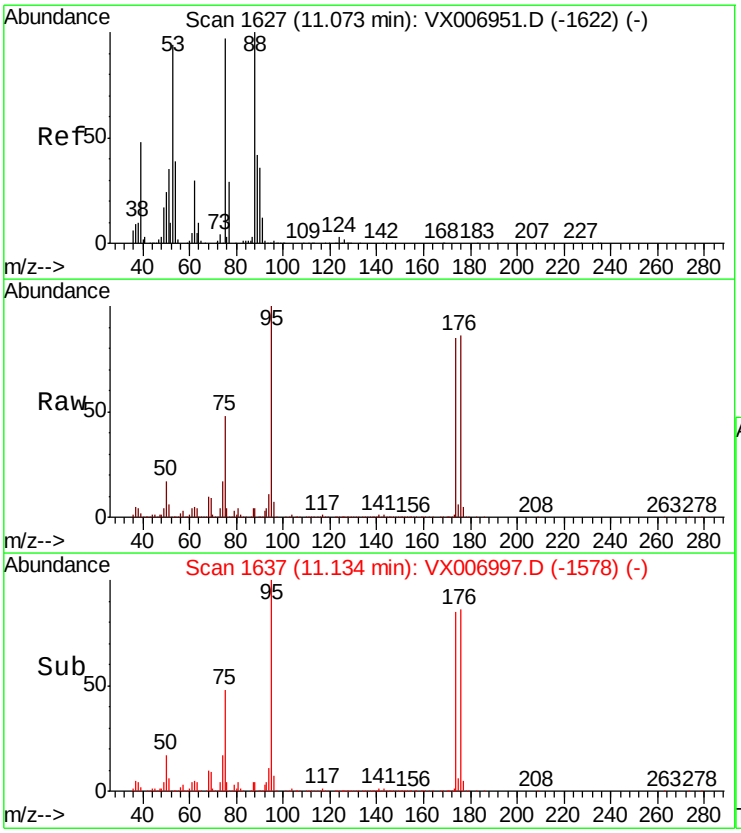
#80
1,3,5-Trimethylbenzene
Concen: 0.447 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:105 Resp: 11534

Ion	Ratio	Lower	Upper
105	100		
120	46.0	25.1	75.3

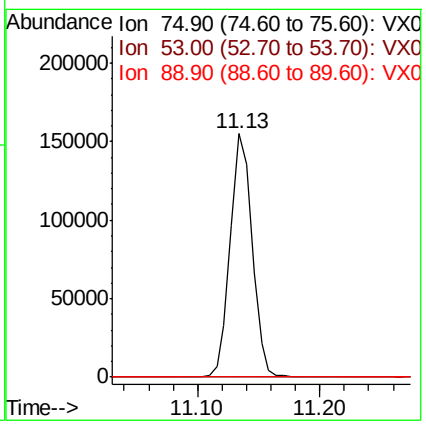


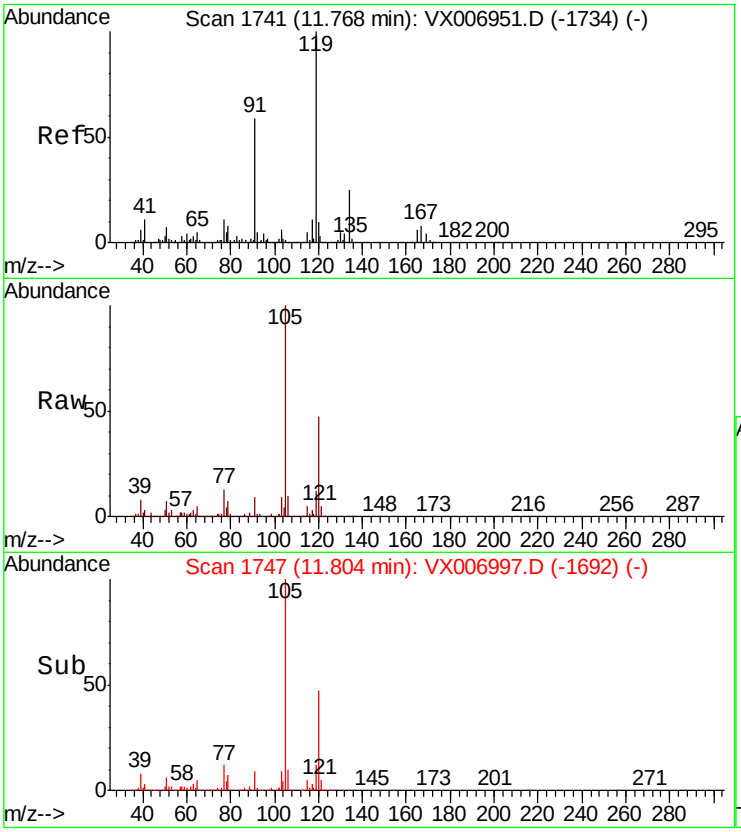


#81
trans-1,4-Dichloro-2-butene
Concen: 63.941 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion: 75 Resp: 191586

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.7	119.5#
89	0.1	38.0	57.0#



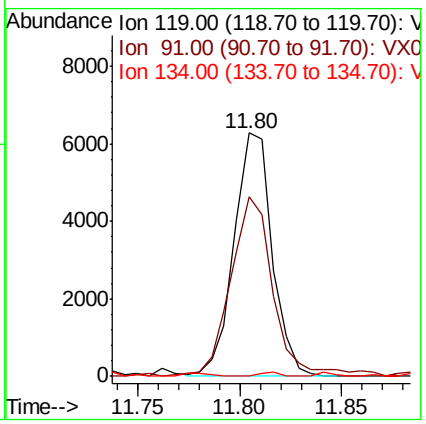


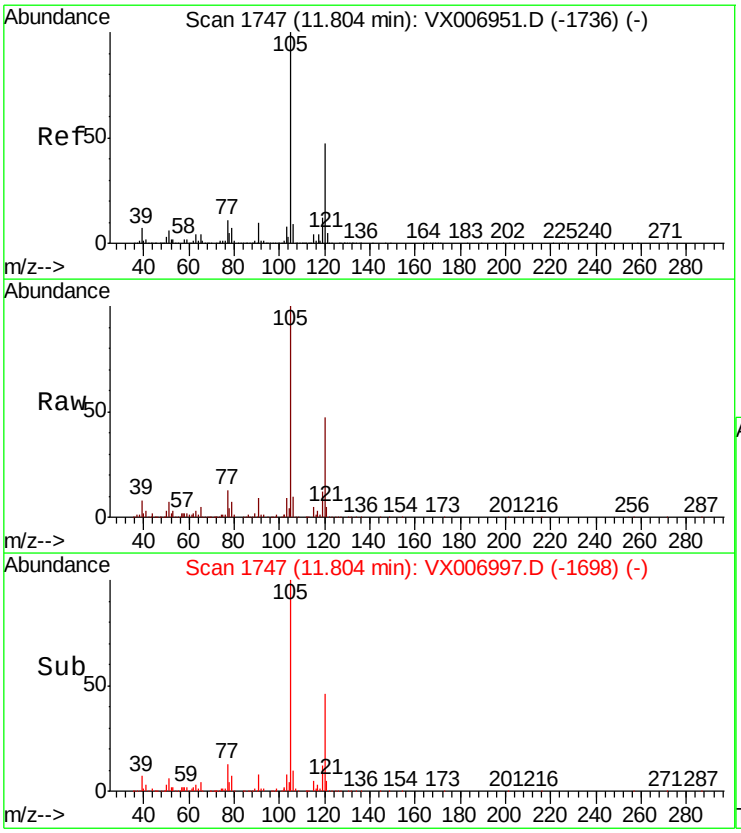
#83
tert-Butylbenzene
Concen: 0.317 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument : MSVOA_X
ClientSampleId : TP-21

Tgt Ion:119 Resp: 8167

Ion	Ratio	Lower	Upper
119	100		
91	82.3	27.7	83.1
134	0.7	11.9	35.5#

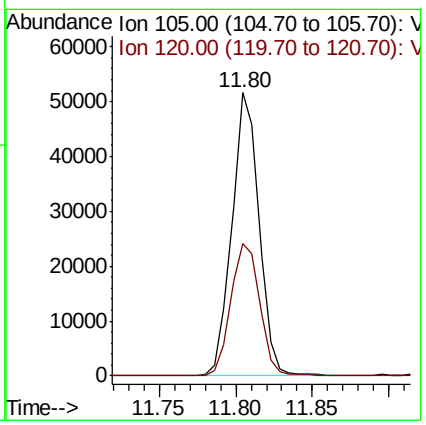


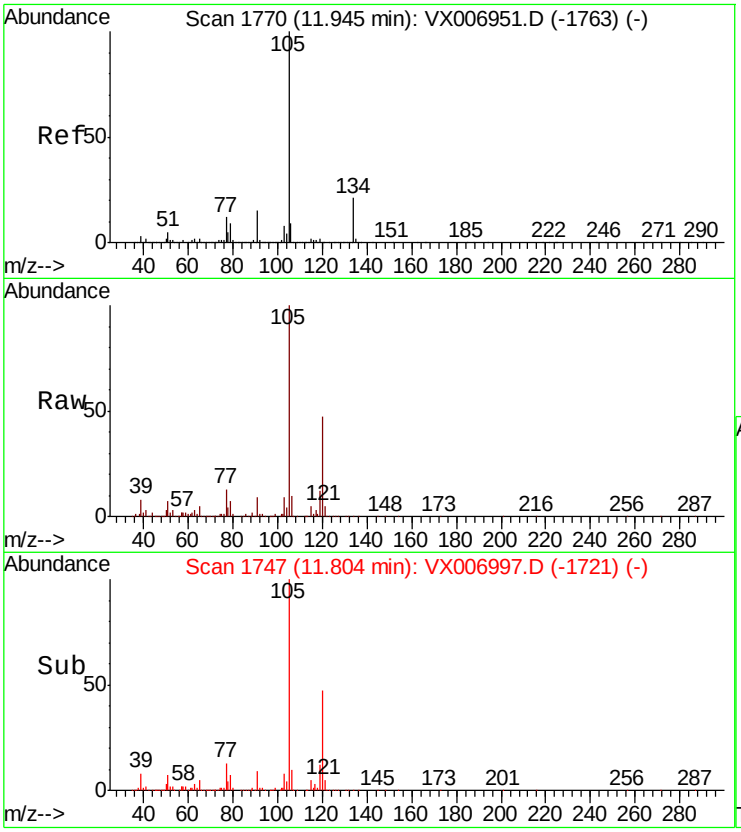


#84
1,2,4-Trimethylbenzene
Concen: 2.435 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion:105 Resp: 63240

Ion	Ratio	Lower	Upper
105	100		
120	50.2	23.2	69.6



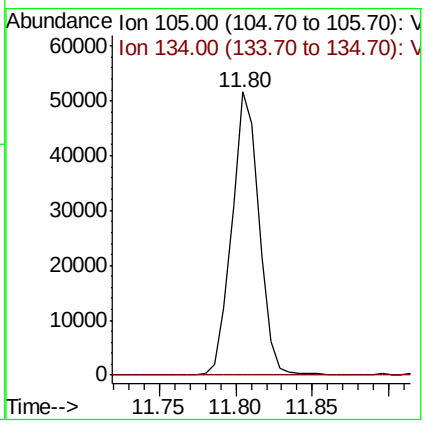


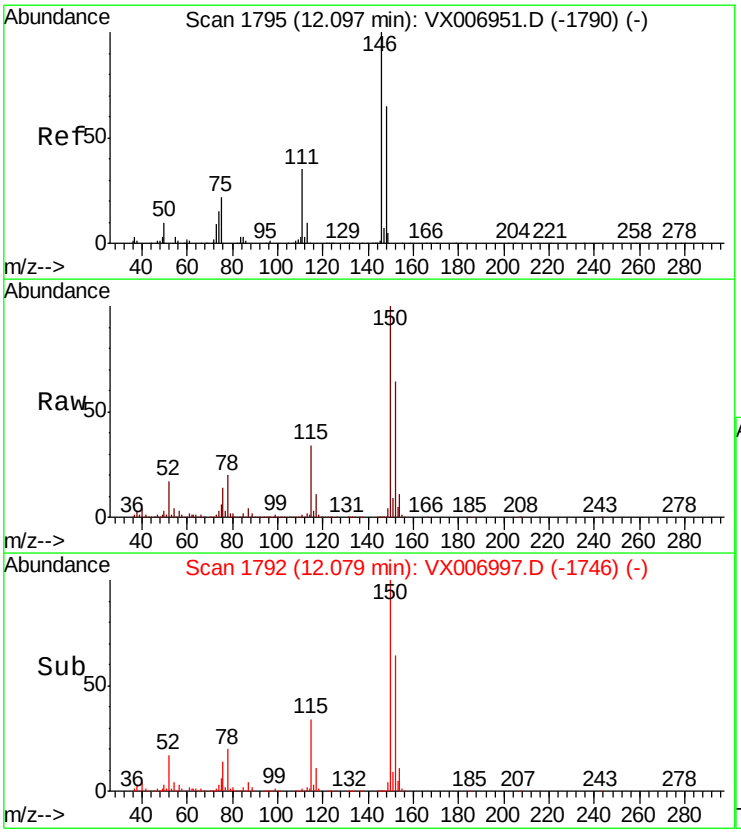
#85
sec-Butylbenzene
Concen: 2.055 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:105 Resp: 63240

Ion	Ratio	Lower	Upper
105	100		
134	0.1	10.7	31.9#

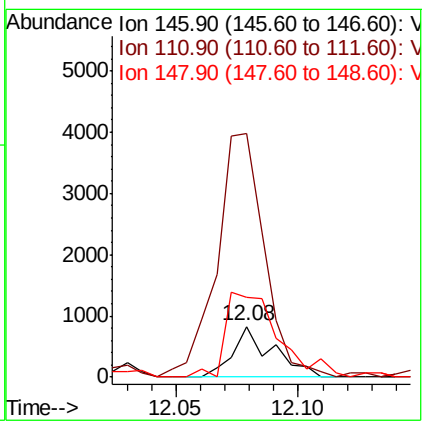


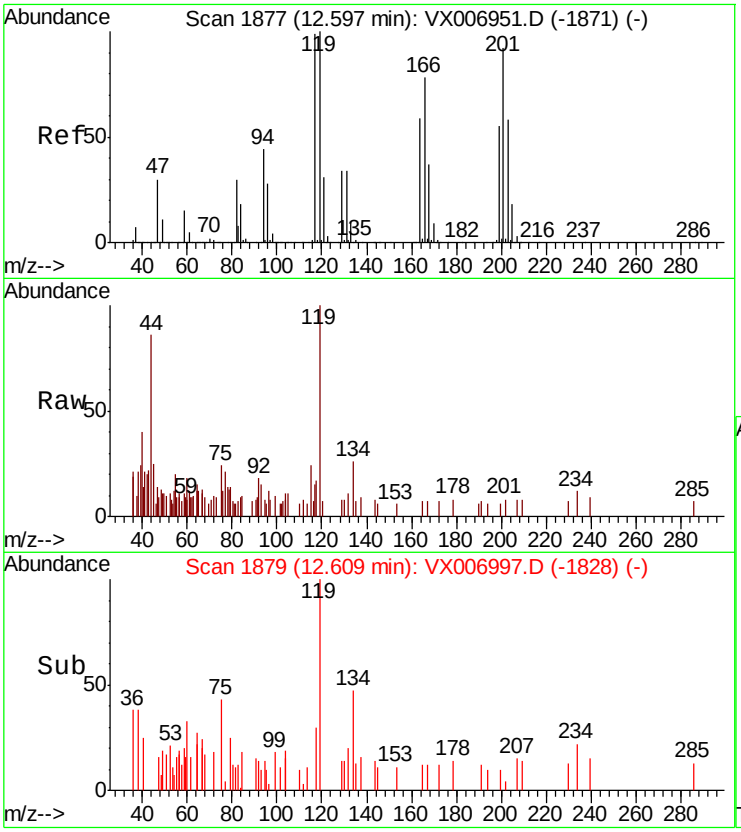


#88
1,4-Dichlorobenzene
Concen: 0.208 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.02 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Tgt Ion:146 Resp: 929

Ion	Ratio	Lower	Upper
146	100		
111	580.0	18.1	54.1#
148	223.9	31.9	95.9#





#90
Hexachloroethane
Concen: 3.040 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX006997.D
Acq: 10 Jan 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
TP-21

Tgt Ion:117 Resp: 615

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#