Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006968.D
Acq On : 09 Jan 2019 16:33
Operator : JC/MD
Sample : K1006-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 10 00:57:02 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	637202	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	984465	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	917413	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	446978	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	339072	50.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.84%				
35) Dibromofluoromethane	5.51	113	302043	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.82%				
50) Toluene-d8	8.71	98	1179374	51.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.22%				
62) 4-Bromofluorobenzene	11.13	95	418230	51.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.98%				
Target Compounds							Qvalue
8) Diethyl Ether	2.19	74	18460	4.383	ug/l		97
11) Tert butyl alcohol	3.02	59	3594	2.288	ug/l	#	83
13) Acrolein	2.29	56	643	4.022	ug/l		88
16) Acetone	2.45	43	51051	15.507	ug/l		100
18) Methyl Acetate	2.78	43	19603	2.056	ug/l		95
20) Methylene Chloride	2.86	84	137771	21.682	ug/l		91
25) 2-Butanone	4.70	43	3312	0.703	ug/l	#	74
29) Tetrahydrofuran	5.15	42	2354	0.769	ug/l		99
31) Cyclohexane	5.67	56	10637	1.133	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	41528	4.852	ug/l	#	49
38) Carbon Tetrachloride	5.66	117	58376	6.779	ug/l	#	14
43) Isopropyl Acetate	6.47	43	23831	1.646	ug/l		98
48) Methyl methacrylate	7.68	41	12978	1.746	ug/l	#	13
49) 1,4-Dioxane	7.75	88	188	Below Cal		#	27
51) 4-Methyl-2-Pentanone	8.62	43	119344	12.830	ug/l	#	48
54) cis-1,3-Dichloropropene	8.62	75	60629	6.303	ug/l	#	60
57) 1,3-Dichloropropane	9.54	76	14150	1.286	ug/l	#	44
59) 2-Hexanone	9.54	43	190013	26.805	ug/l	#	51
68) m/p-Xylenes	10.35	106	2916	0.224	ug/l		94
69) o-Xylene	10.69	106	2653	0.209	ug/l		98
71) Bromoform	10.93	173	143	4.749	ug/l	#	28
76) 1,2,3-Trichloropropane	11.13	75	197454	21.799	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.51	105	8401	0.319	ug/l		95
81) trans-1,4-Dichloro-2-buten	11.13	75	197454	64.593	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	19268	0.728	ug/l		100
90) Hexachloroethane	12.60	117	718	3.059	ug/l	#	6
95) Naphthalene	13.83	128	43270	1.344	ug/l	#	95

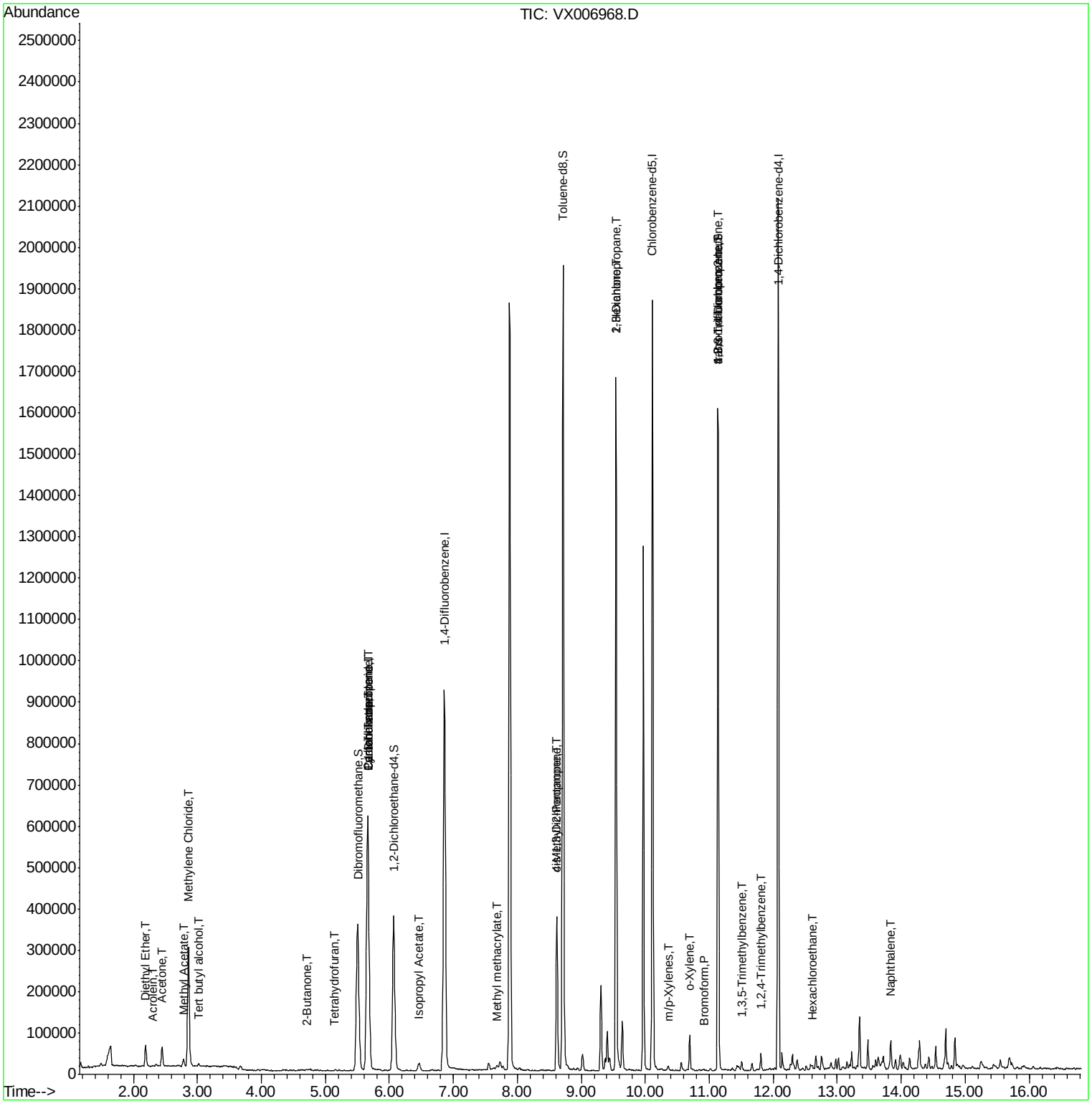
(#) = qualifier out of range (m) = manual integration (+) = signals summed

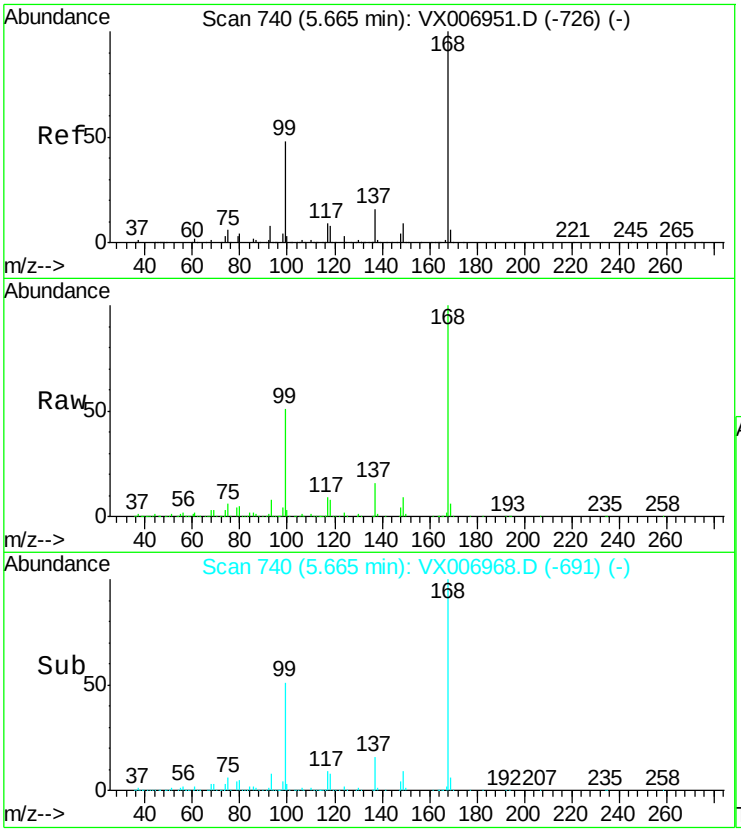
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010919\
Data File : VX006968.D
Acq On : 09 Jan 2019 16:33
Operator : JC/MD
Sample : K1006-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 10 00:57:02 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



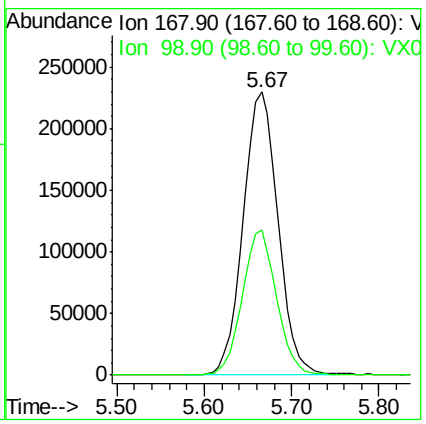


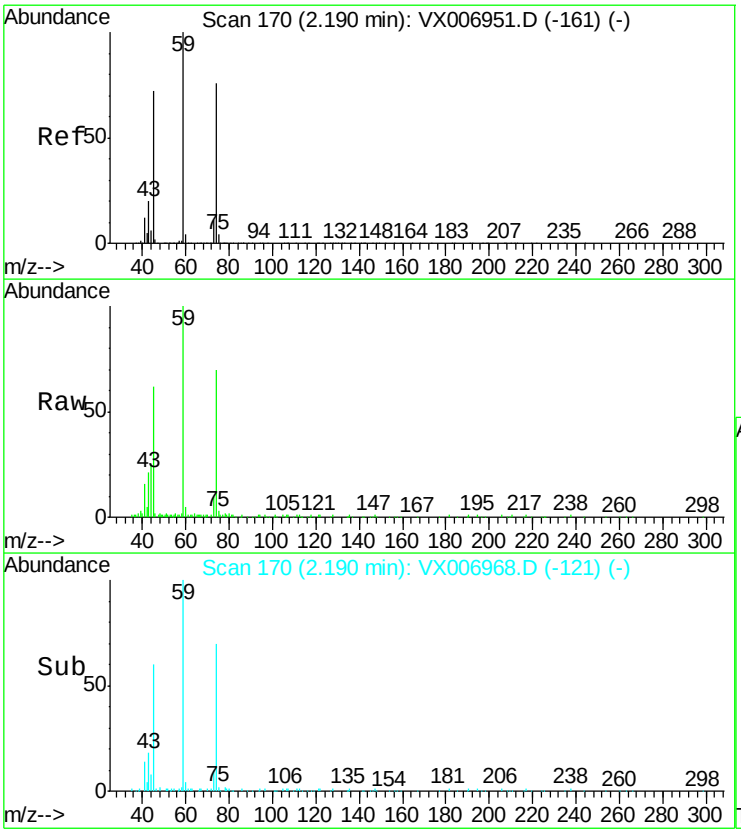
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 637202

Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.8	62.8

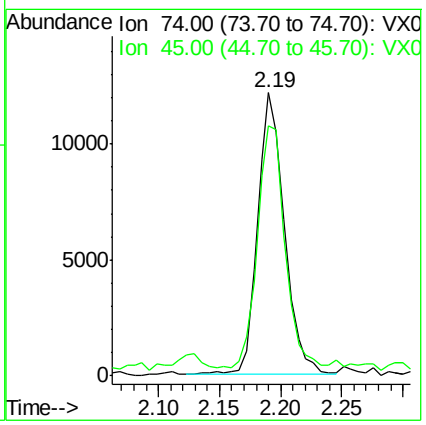


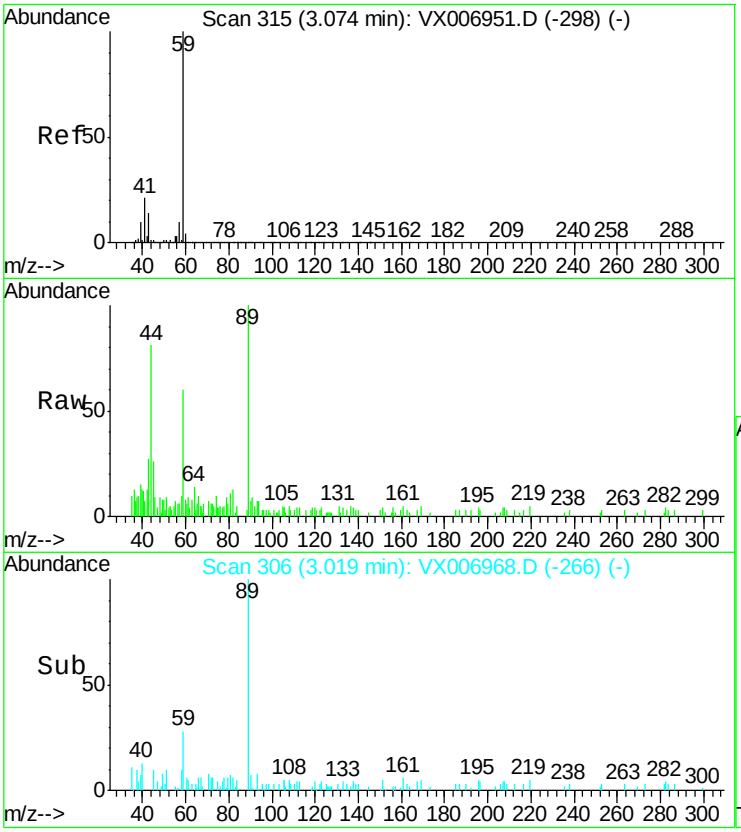


#8
Diethyl Ether
Concen: 4.383 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 74 Resp: 18460

Ion	Ratio	Lower	Upper
74	100		
45	89.3	46.3	138.9



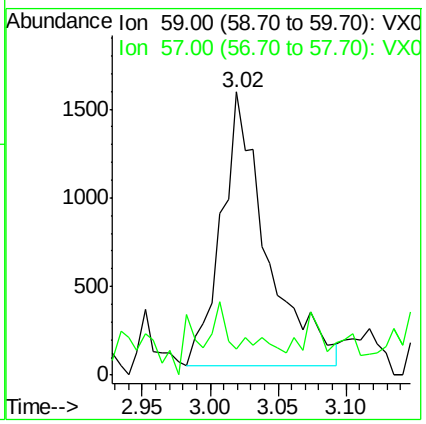


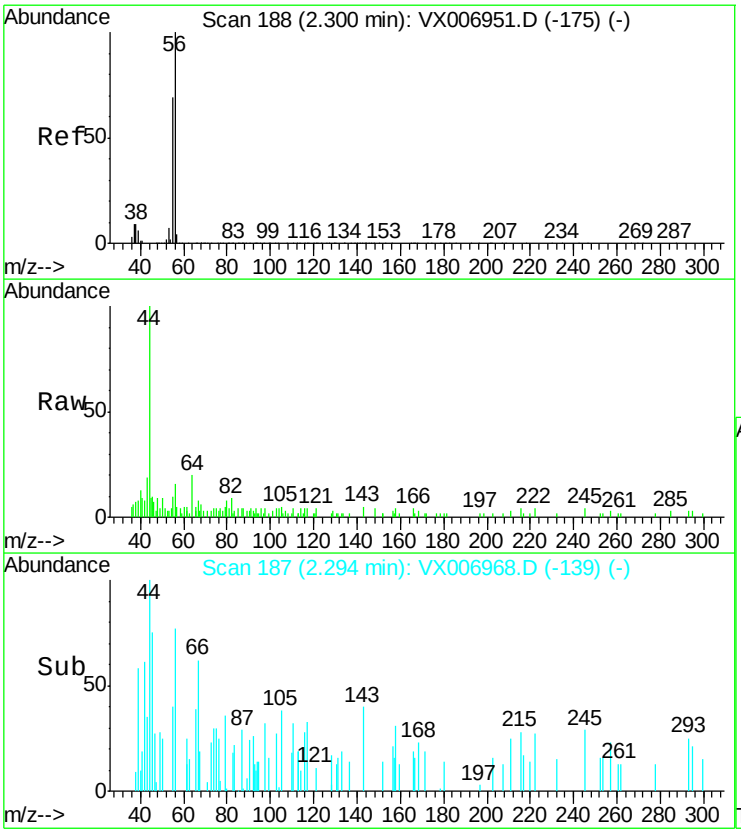
#11
Tert butyl alcohol
Concen: 2.288 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3594

Ion	Ratio	Lower	Upper
59	100		
57	4.1	8.5	12.7#

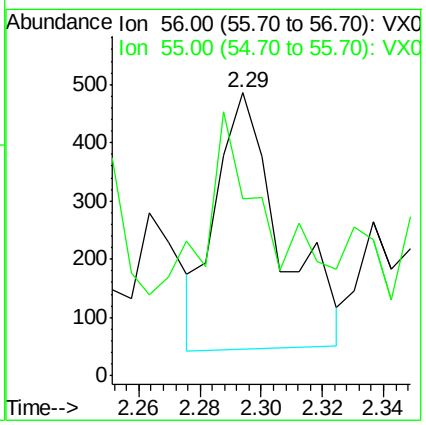


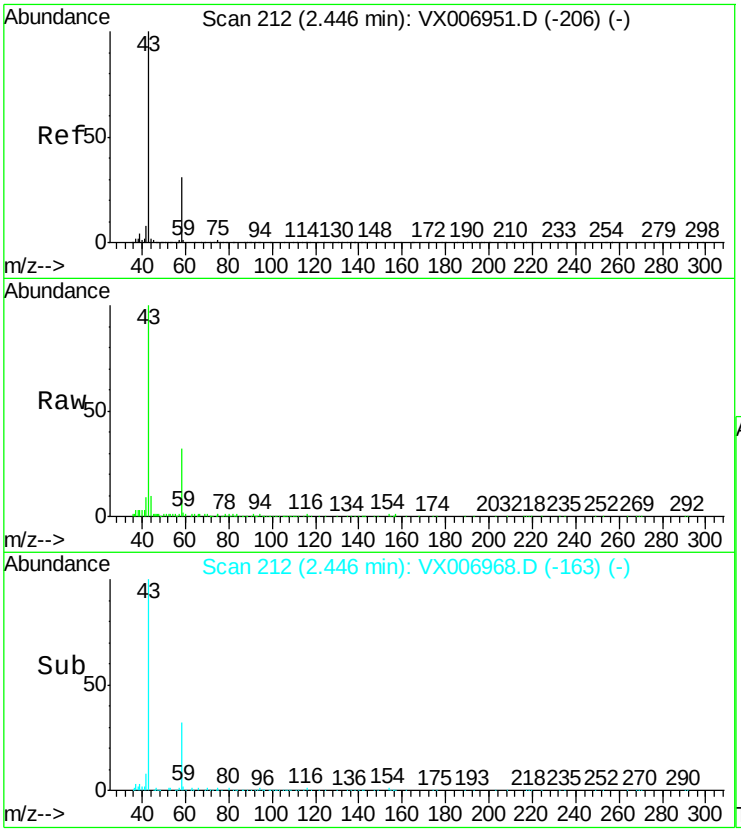


#13
Acrolein
Concen: 4.022 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 56 Resp: 643

Ion	Ratio	Lower	Upper
56	100		
55	62.4	58.2	87.4



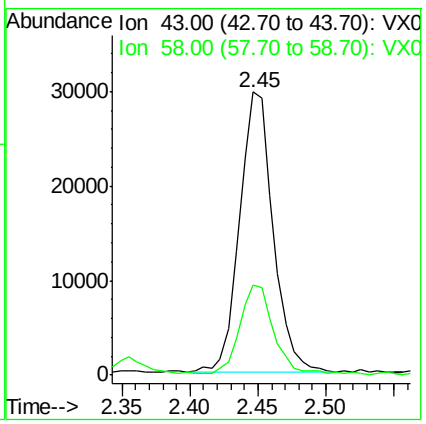


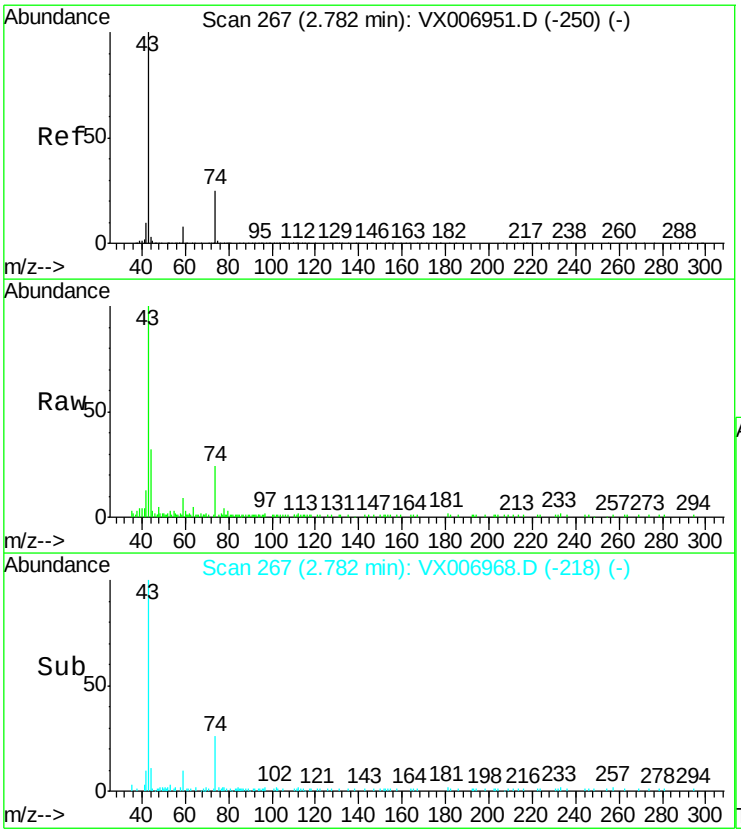
#16
Acetone
Concen: 15.507 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 51051

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.0	37.6

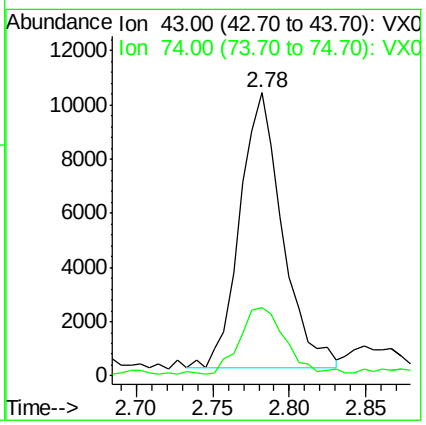


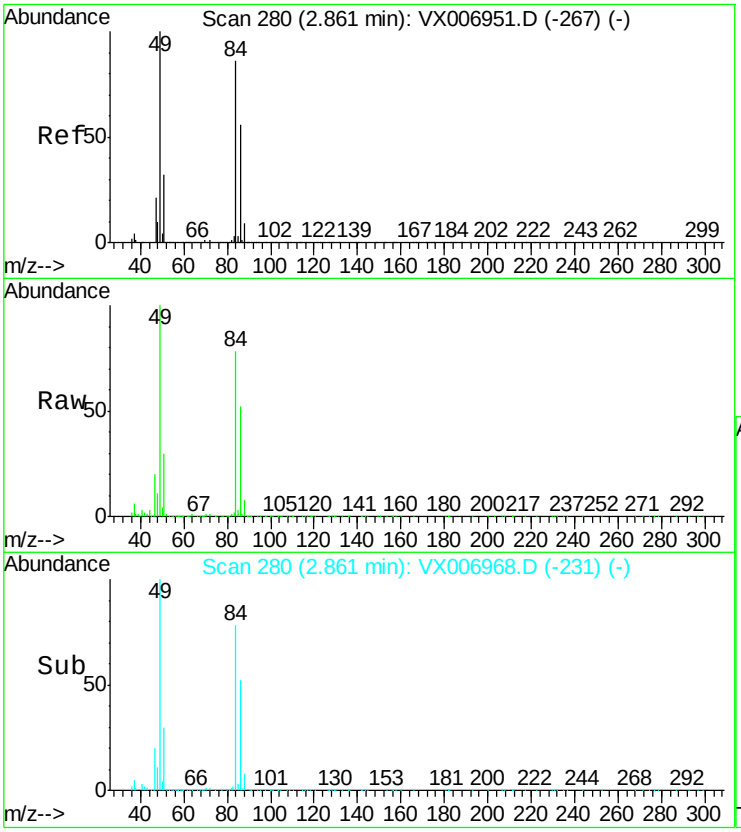


#18
Methyl Acetate
Concen: 2.056 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 43 Resp: 19603

Ion	Ratio	Lower	Upper
43	100		
74	25.9	18.6	28.0



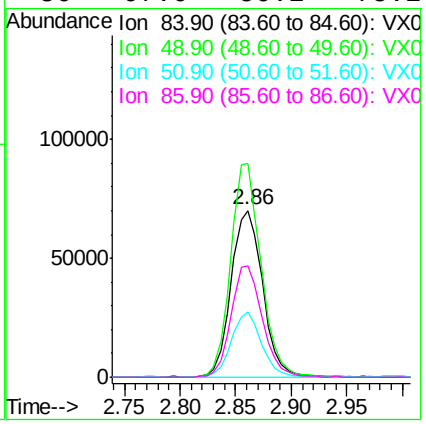


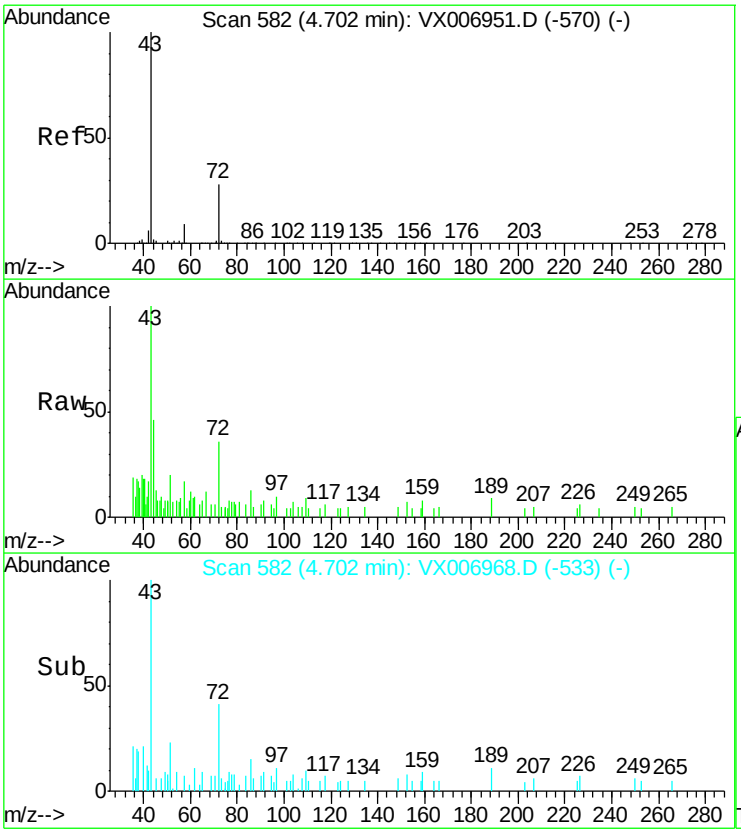
#20
Methylene Chloride
Concen: 21.682 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 137771

Ion	Ratio	Lower	Upper
84	100		
49	127.8	91.8	137.6
51	38.5	28.5	42.7
86	67.0	50.2	75.2

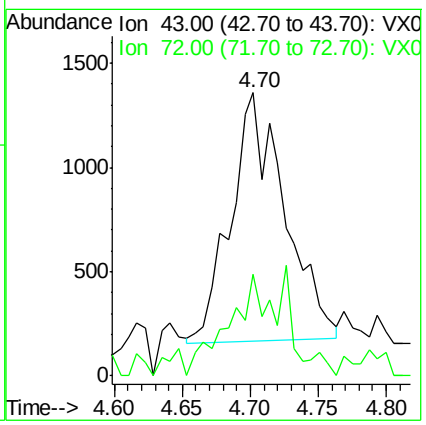


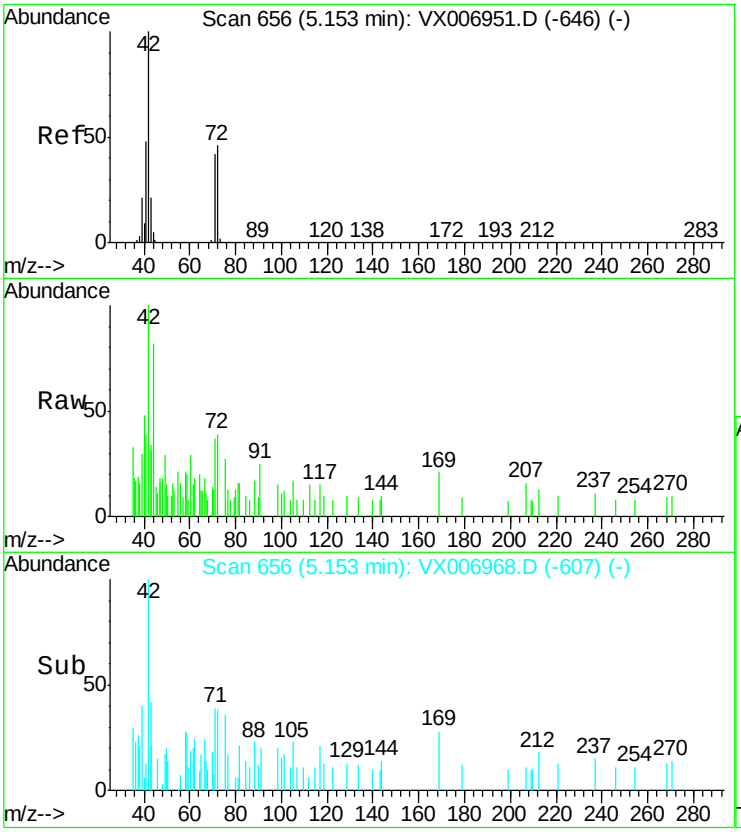


#25
2-Butanone
Concen: 0.703 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 43 Resp: 3312

Ion	Ratio	Lower	Upper
43	100		
72	41.4	22.4	33.6#



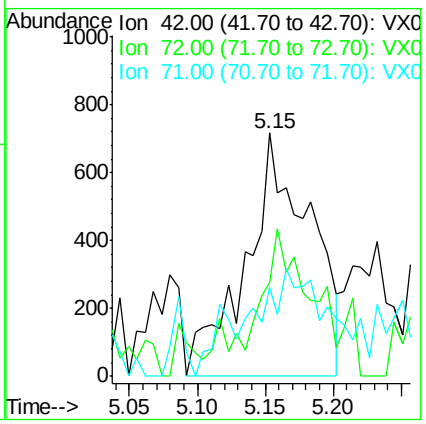


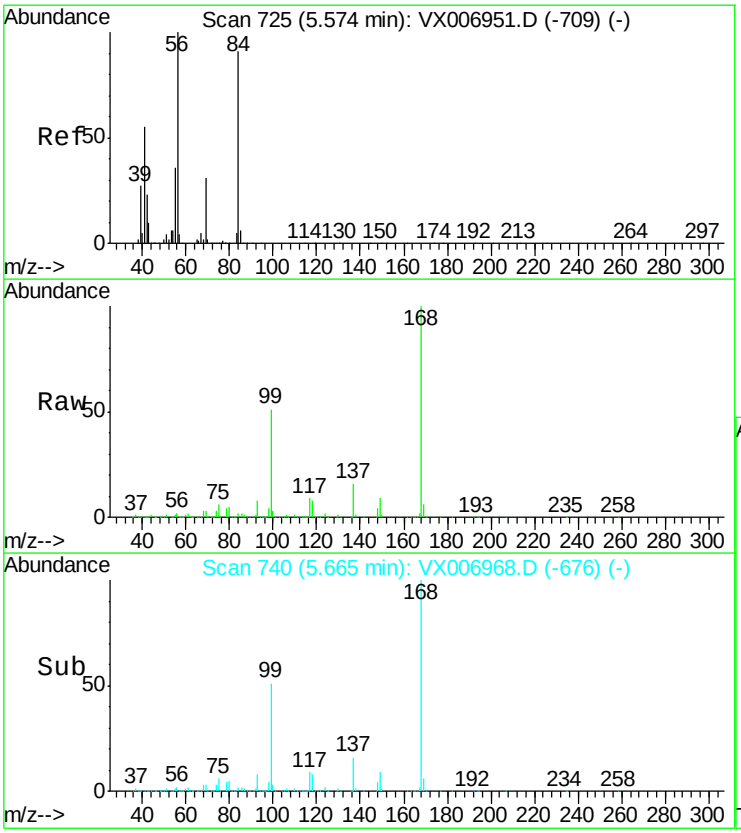
#29
Tetrahydrofuran
Concen: 0.769 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 2354

Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.9	58.3
71	45.0	36.2	54.4

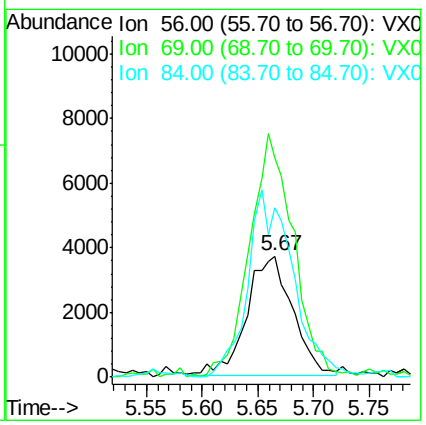


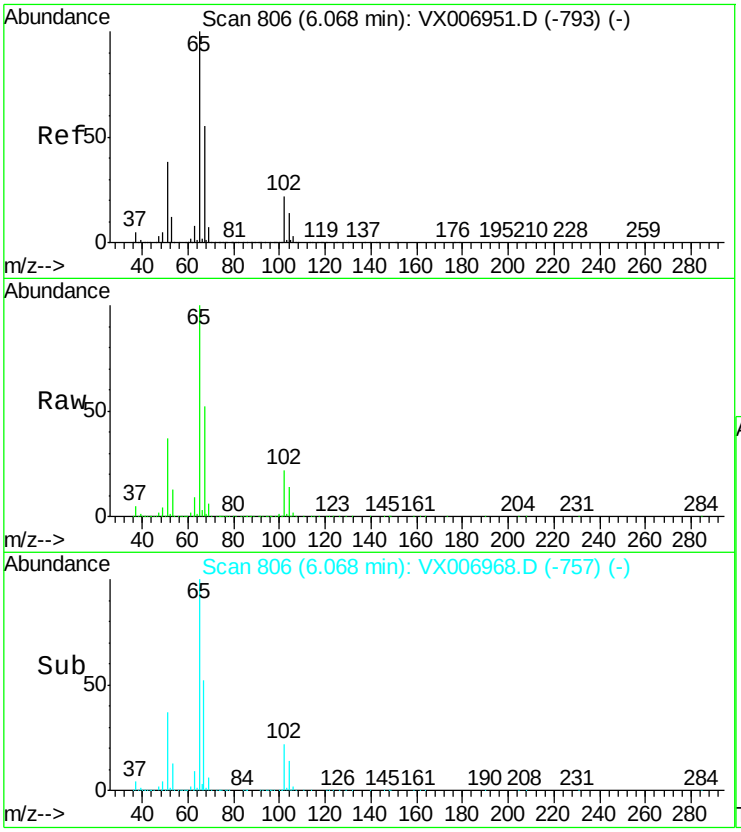


#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 56 Resp: 10637

Ion	Ratio	Lower	Upper
56	100		
69	186.5	24.4	36.6#
84	142.5	70.0	105.0#



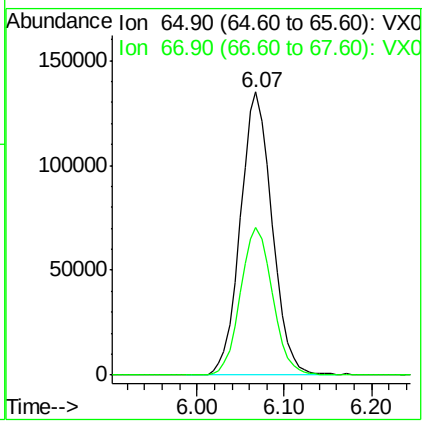


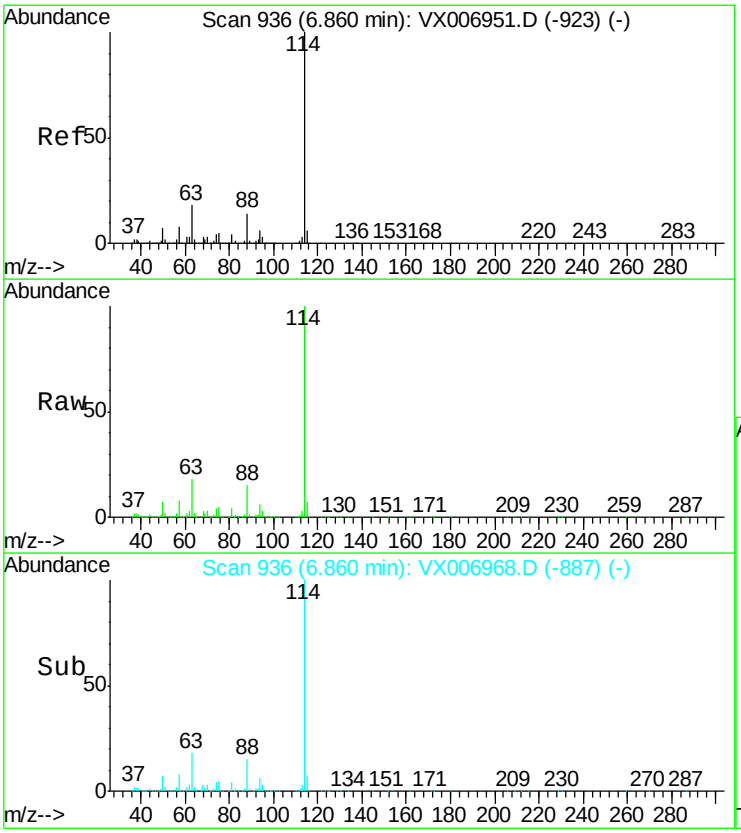
#33
1,2-Dichloroethane-d4
Concen: 50.917 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 339072

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.0

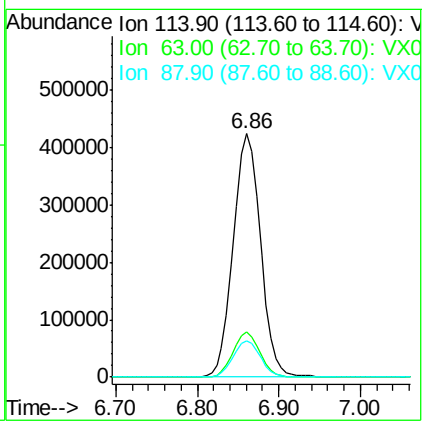


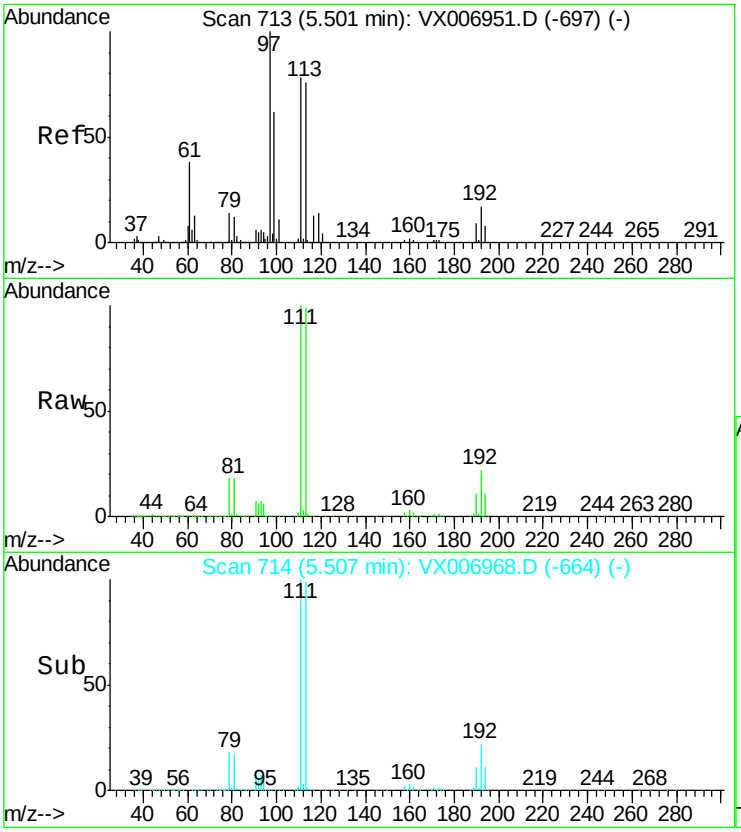


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion:114 Resp: 984465

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.8
88	14.8	0.0	28.8



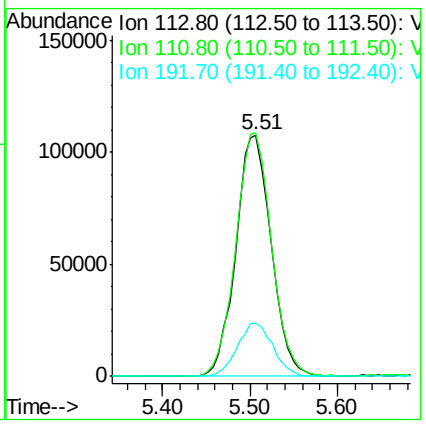


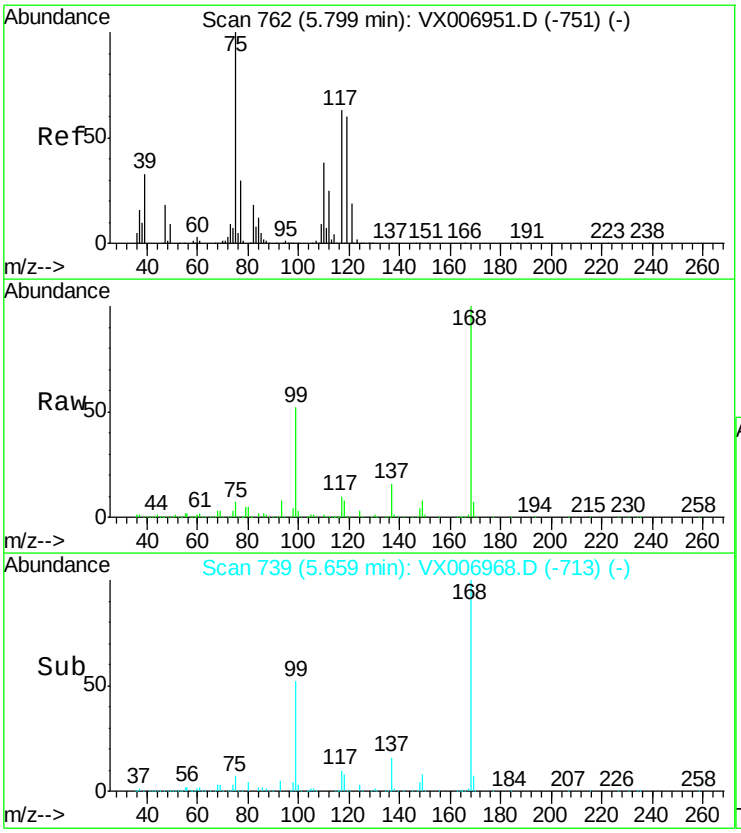
#35
Dibromofluoromethane
Concen: 47.909 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 302043

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	22.2	16.7	25.1

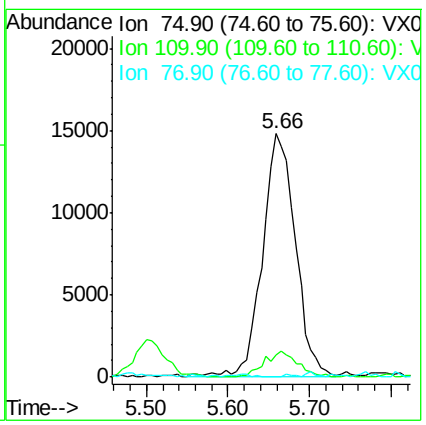


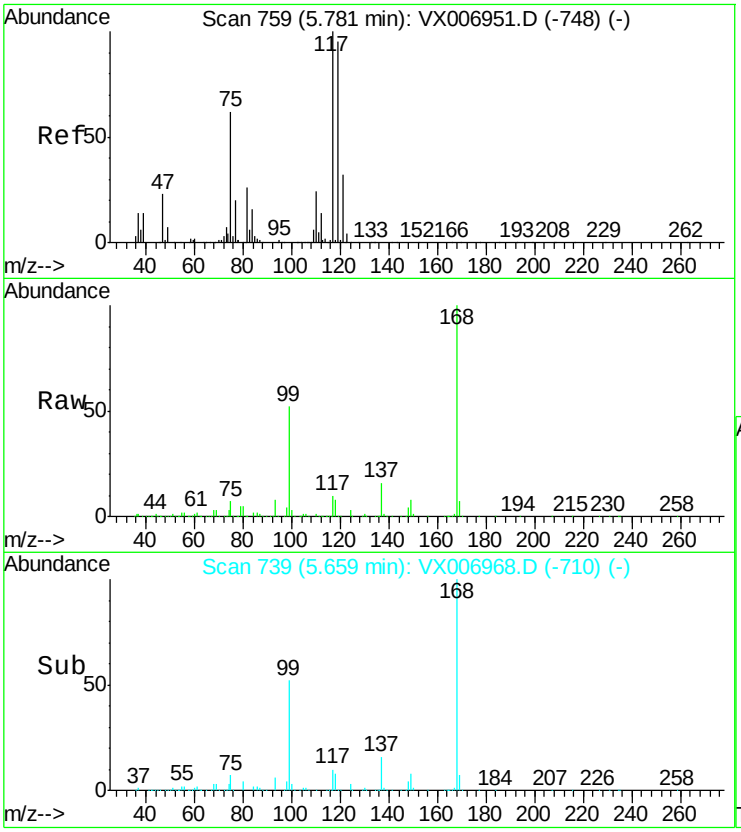


#36
1,1-Dichloropropene
Concen: 4.852 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 75 Resp: 41528

Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.2	60.5#
77	0.4	24.8	37.2#



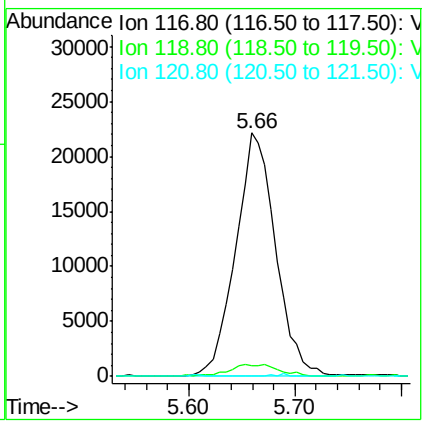


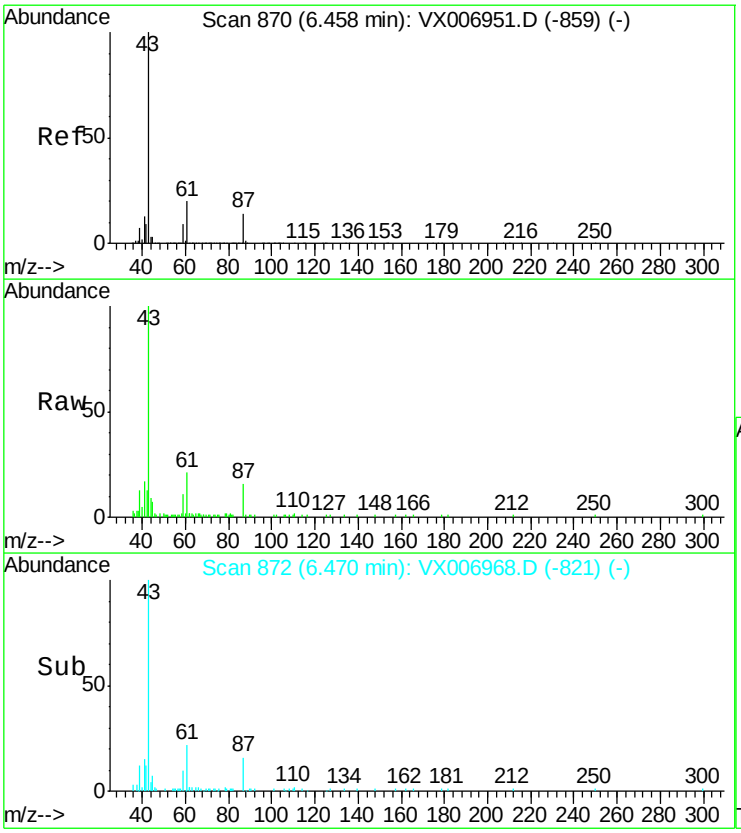
#38
Carbon Tetrachloride
Concen: 6.779 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 58376

Ion	Ratio	Lower	Upper
117	100		
119	4.0	79.4	119.2#
121	0.0	24.0	36.0#

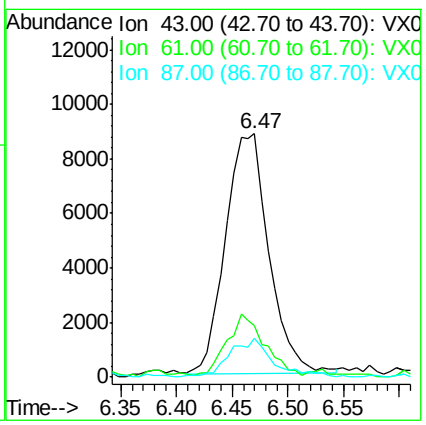


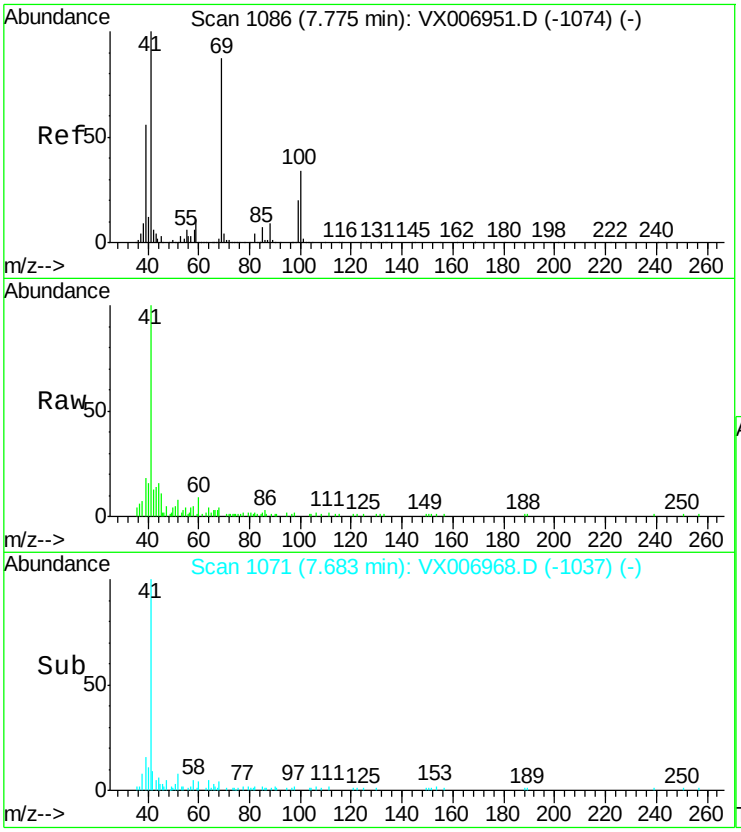


#43
Isopropyl Acetate
Concen: 1.646 ug/l
RT: 6.47 min Scan# 872
Delta R.T. 0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 43 Resp: 23831

Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	16.0	12.4	18.6



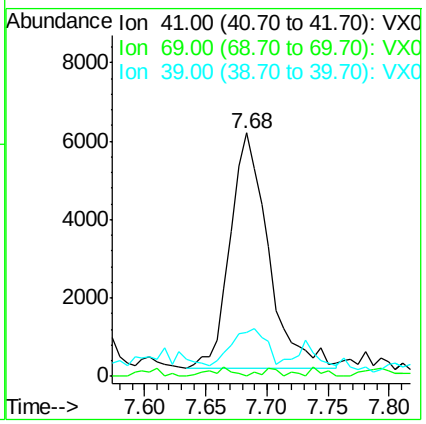


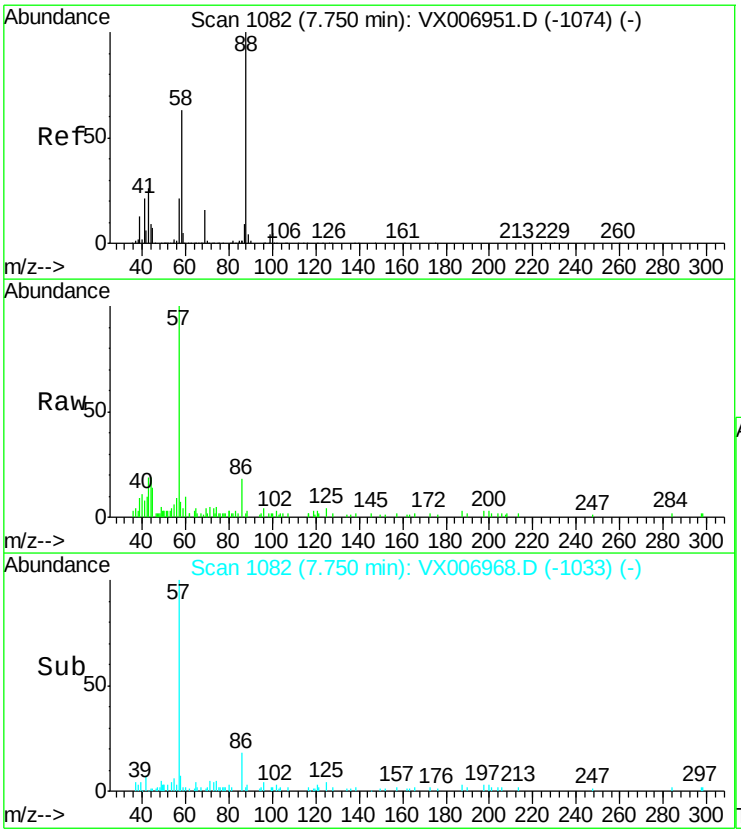
#48
Methyl methacrylate
Concen: 1.746 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 12978

Ion	Ratio	Lower	Upper
41	100		
69	2.3	72.4	108.6#
39	0.0	45.8	68.8#

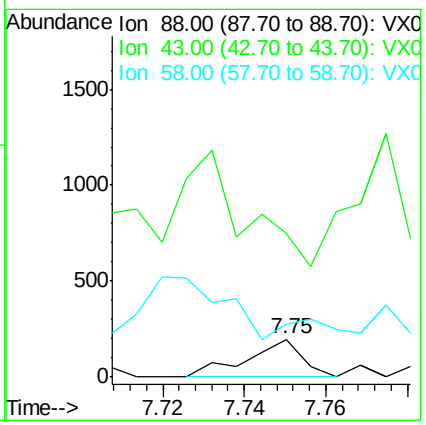


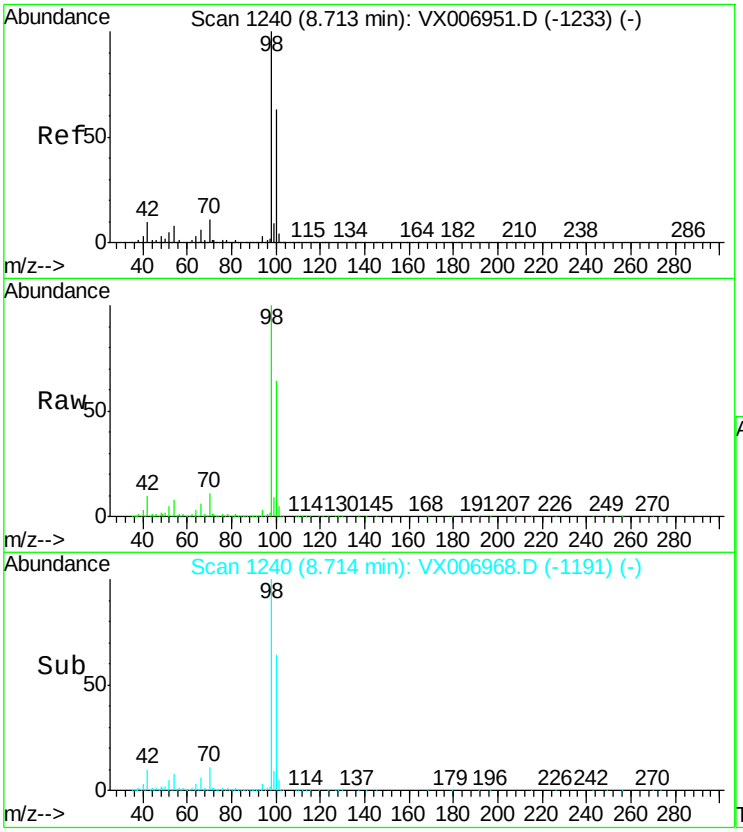


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 88 Resp: 188

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



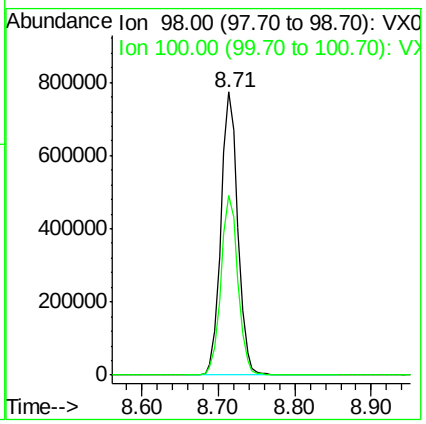


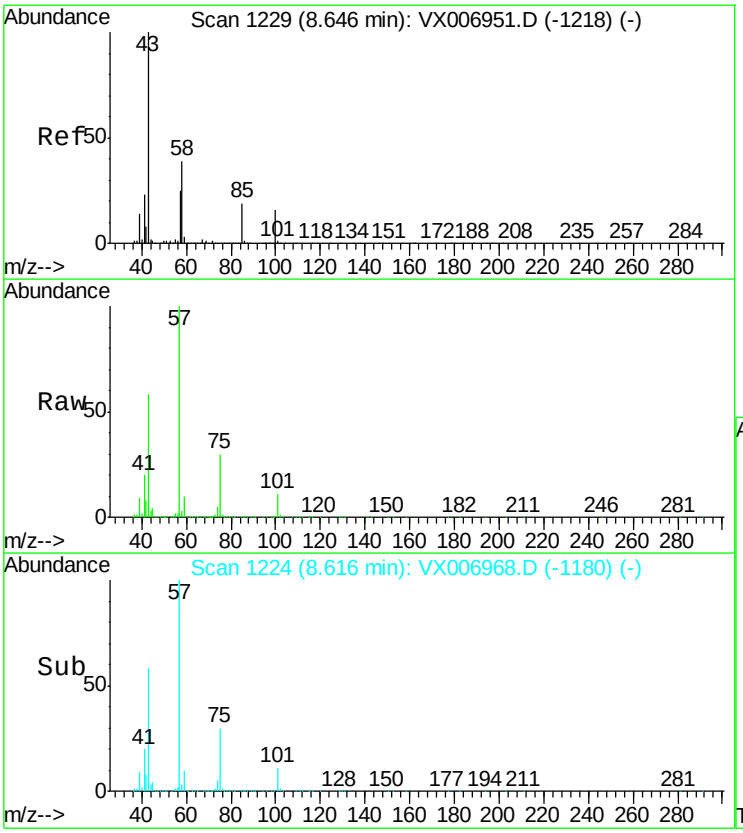
#50
Toluene-d8
Concen: 51.108 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1179374

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

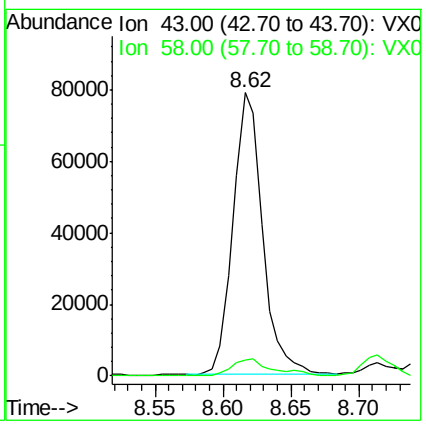


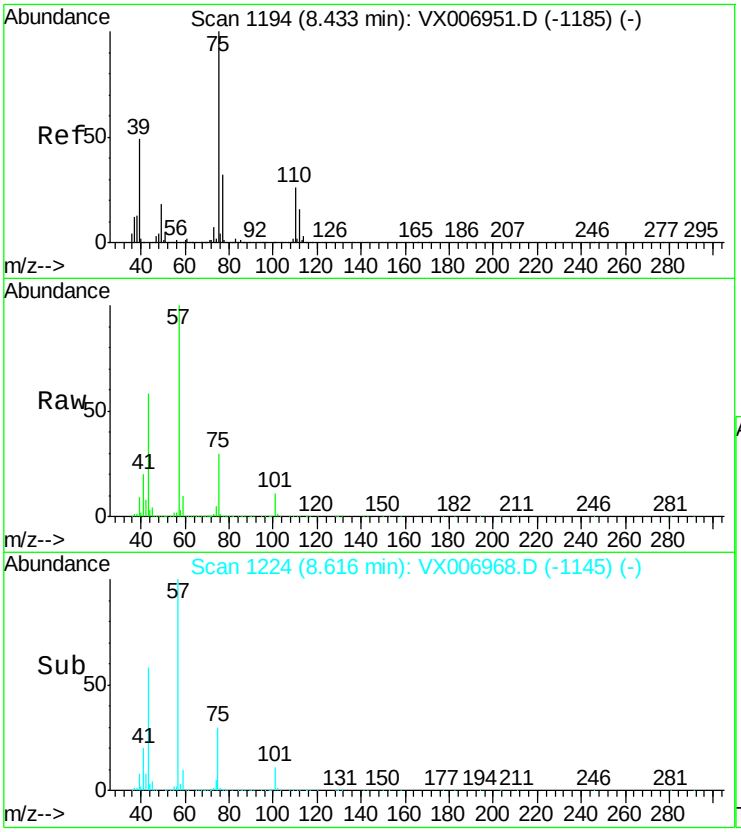


#51
4-Methyl-2-Pentanone
Concen: 12.830 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 43 Resp: 119344

Ion	Ratio	Lower	Upper
43	100		
58	7.8	31.8	47.6#



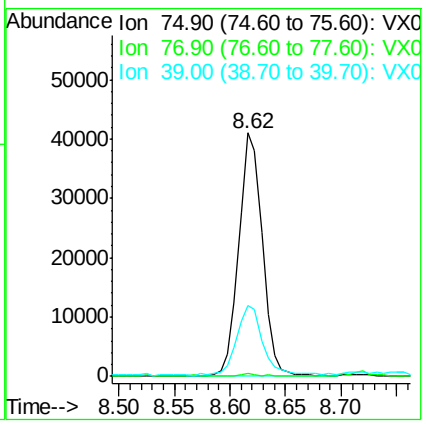


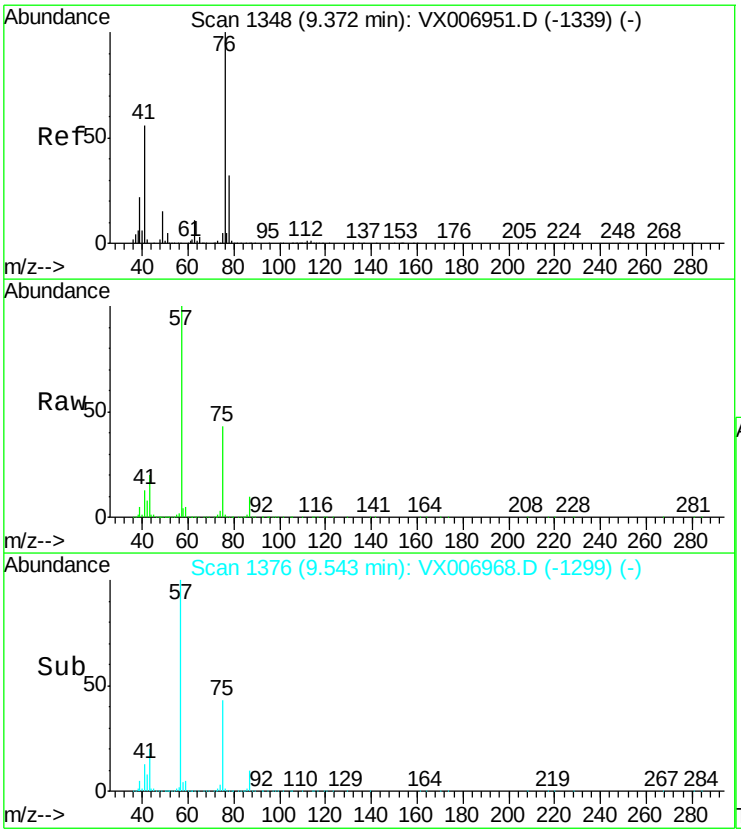
#54
cis-1,3-Dichloropropene
Concen: 6.303 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 60629

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.2	39.2#
39	27.9	36.7	55.1#

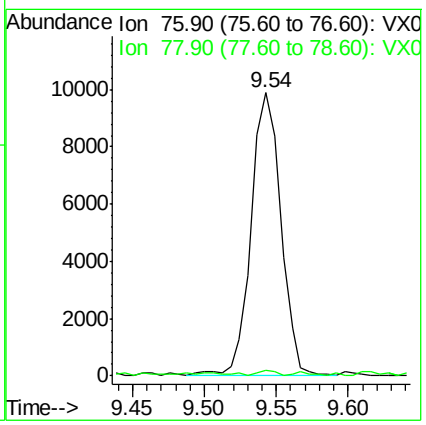


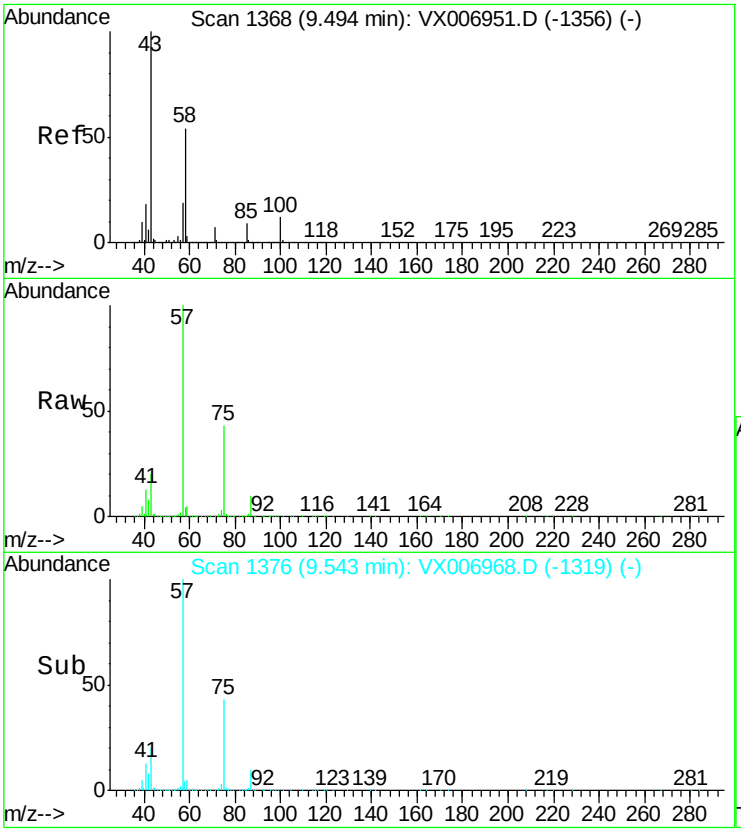


#57
1,3-Dichloropropane
Concen: 1.286 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 76 Resp: 14150

Ion	Ratio	Lower	Upper
76	100		
78	1.2	26.0	39.0#



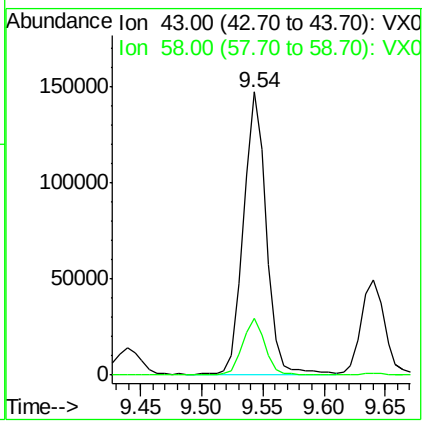


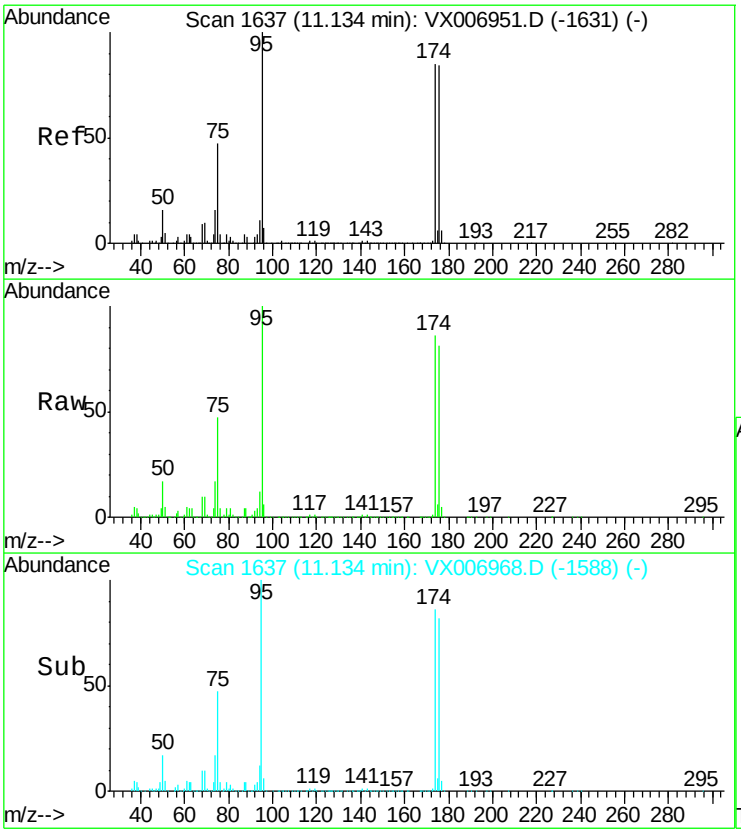
#59
2-Hexanone
Concen: 26.805 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 190013

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.7	83.1#

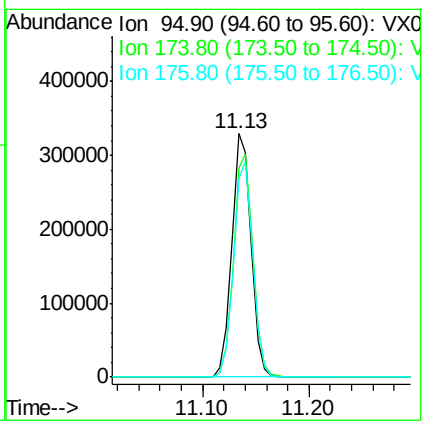


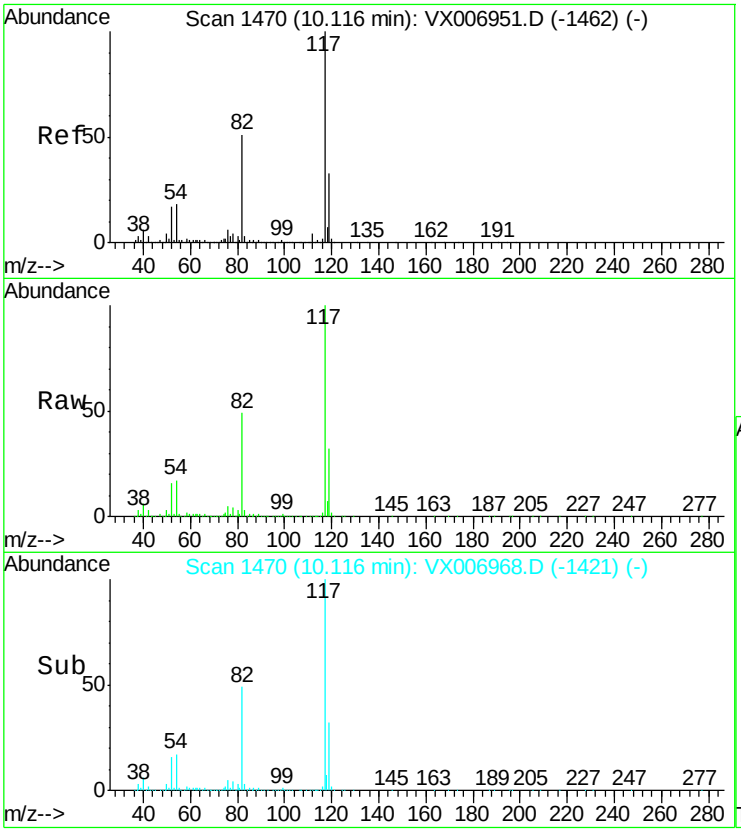


#62
4-Bromofluorobenzene
Concen: 51.987 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 95 Resp: 418230

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	182.2
176	88.6	0.0	178.8



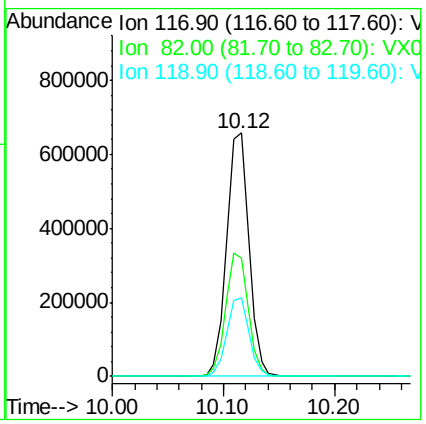


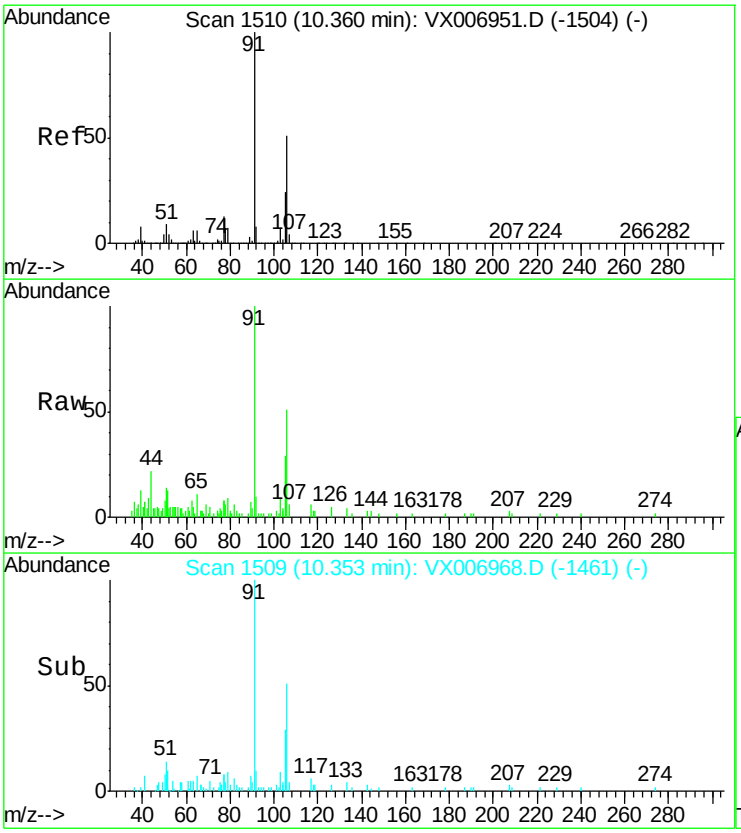
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 917413

Ion	Ratio	Lower	Upper
117	100		
82	48.7	41.0	61.6
119	32.3	25.4	38.0

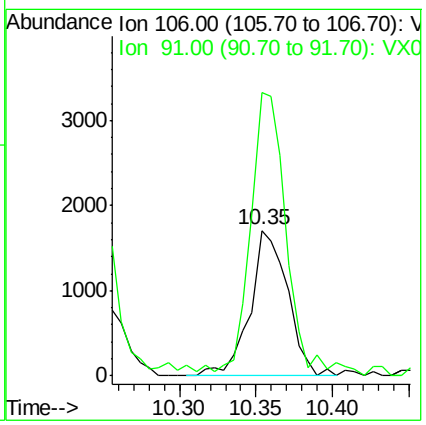


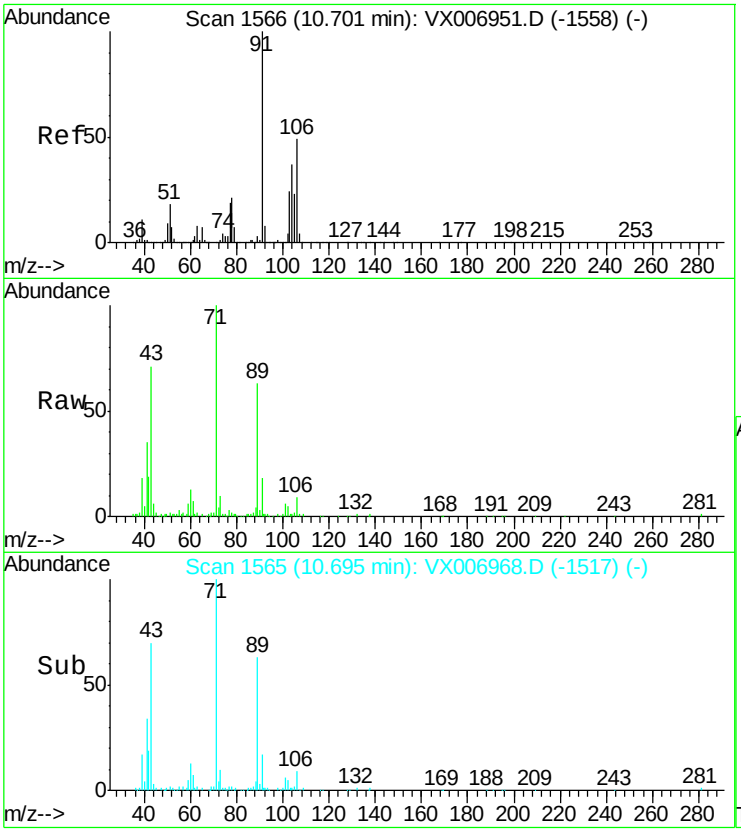


#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion:106 Resp: 2916

Ion	Ratio	Lower	Upper
106	100		
91	186.1	155.8	233.6



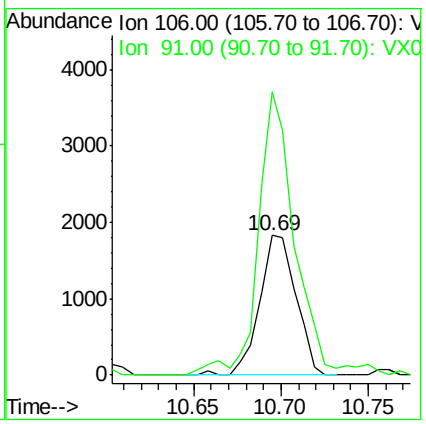


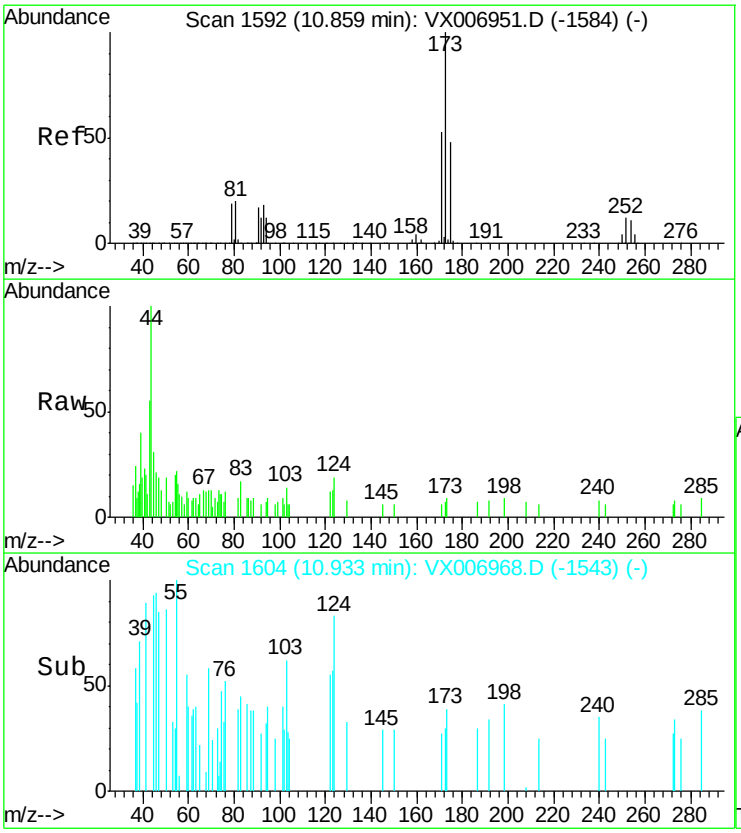
#69
o-Xylene
Concen: 0.209 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2653

Ion	Ratio	Lower	Upper
106	100		
91	199.5	101.3	303.7

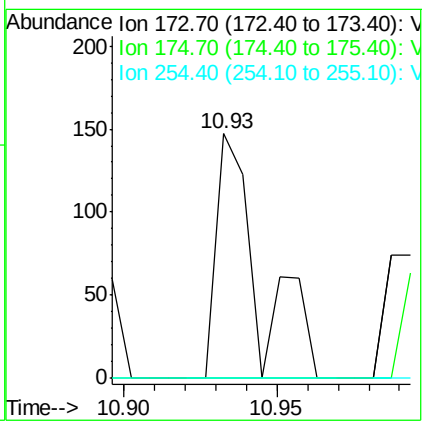


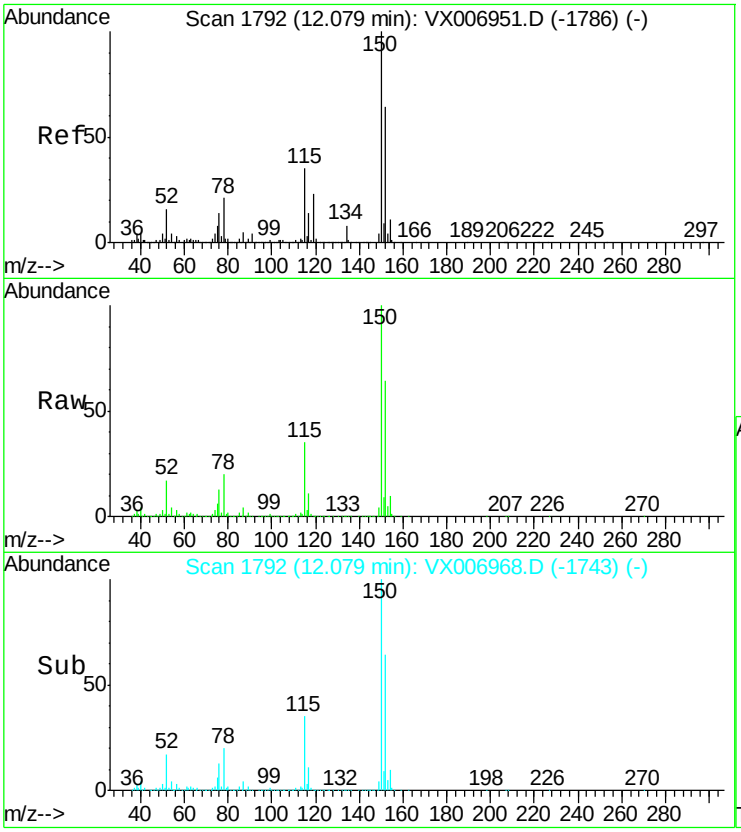


#71
Bromoform
Concen: 4.749 ug/l
RT: 10.93 min Scan# 1604
Delta R.T. 0.07 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion:173 Resp: 143

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



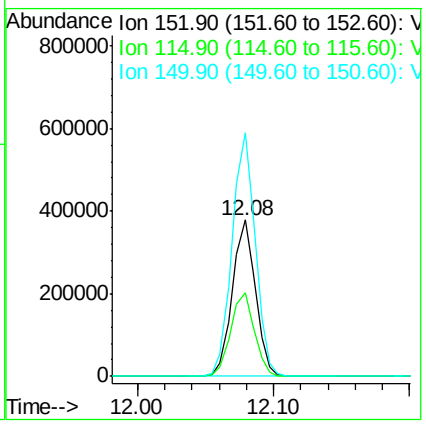


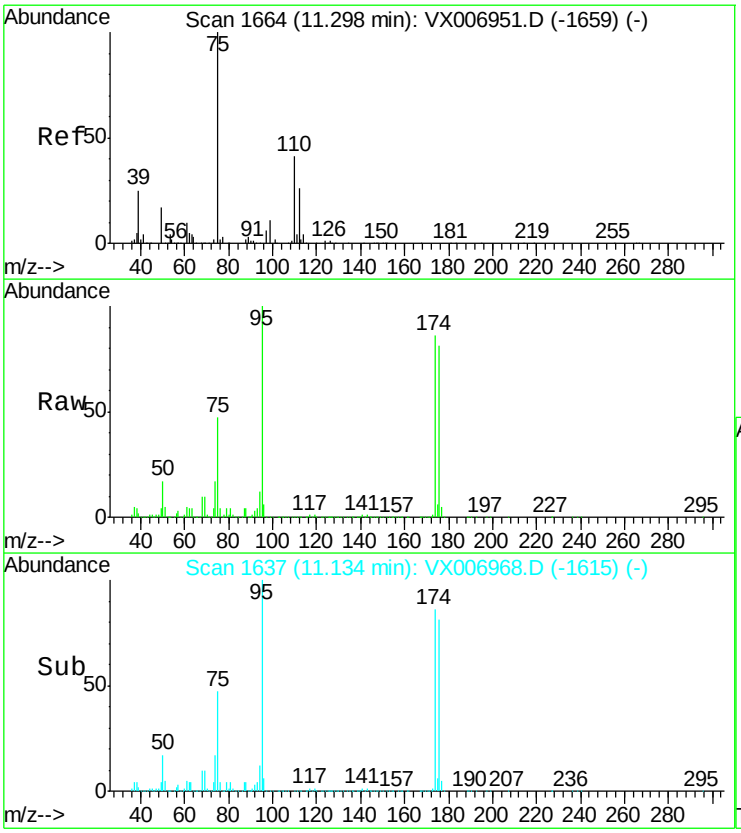
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 446978

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.1	117.2
150	156.6	0.0	344.8

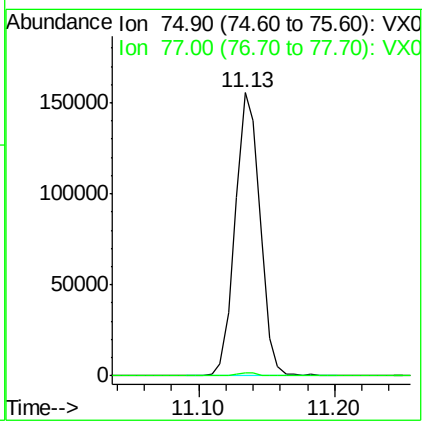


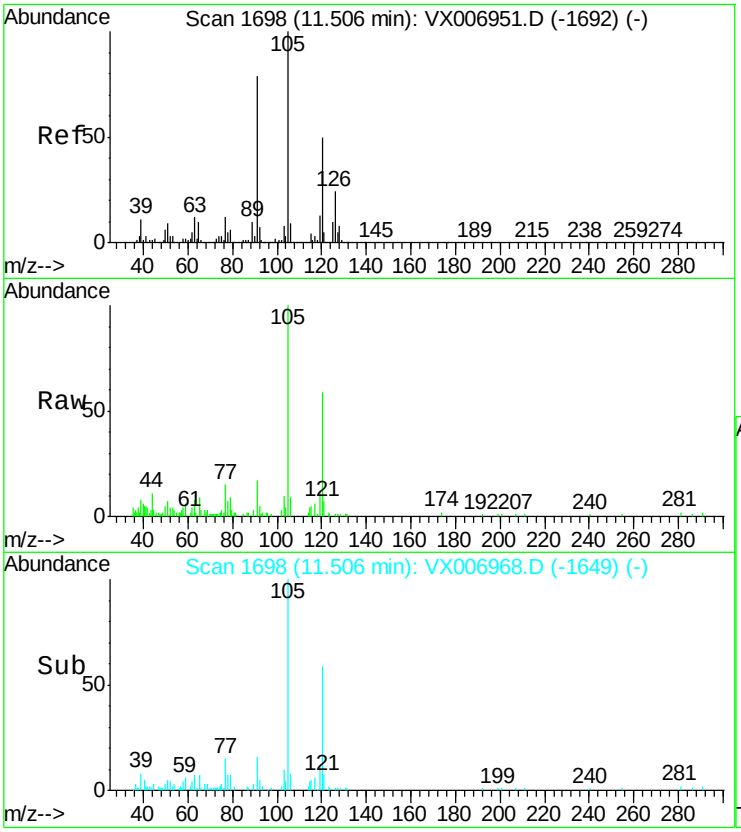


#76
1,2,3-Trichloropropane
Concen: 21.799 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 75 Resp: 197454

Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.5	55.5#



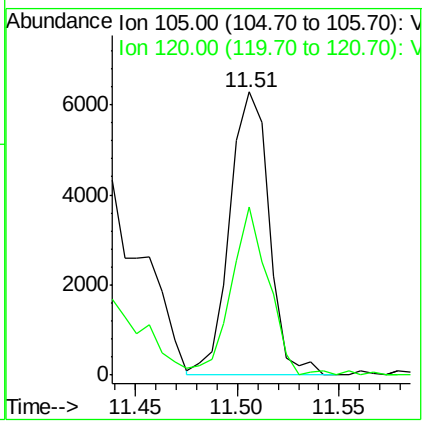


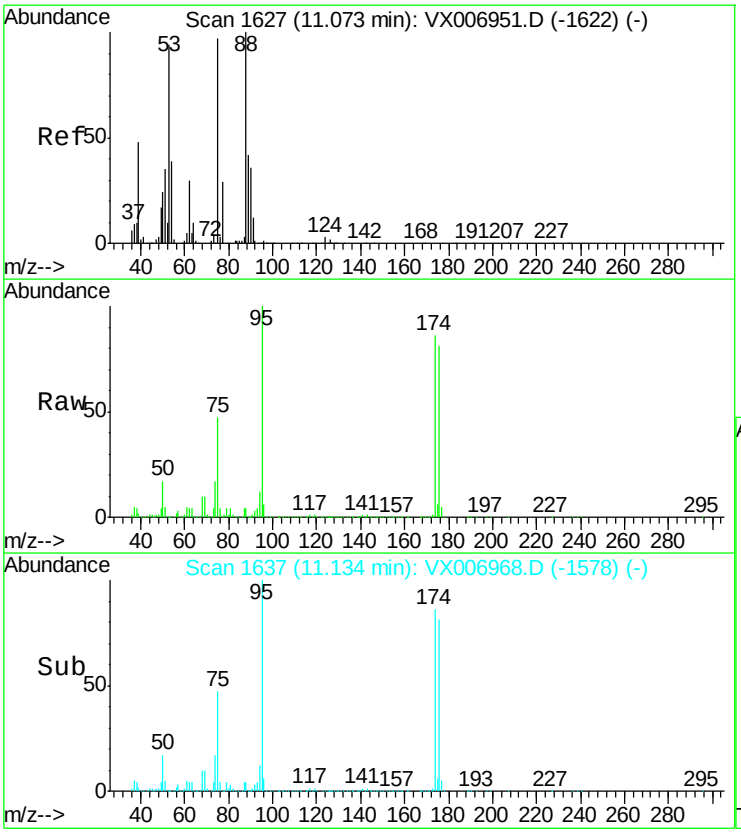
#80
1,3,5-Trimethylbenzene
Concen: 0.319 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 8401

Ion	Ratio	Lower	Upper
105	100		
120	53.5	25.1	75.3

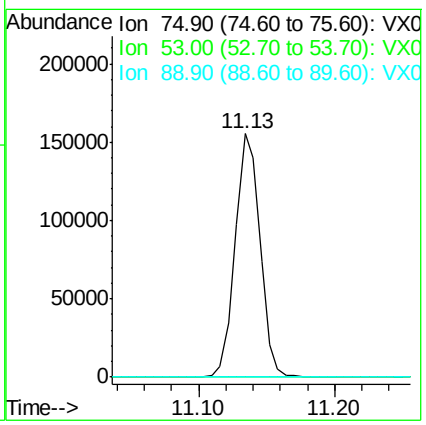


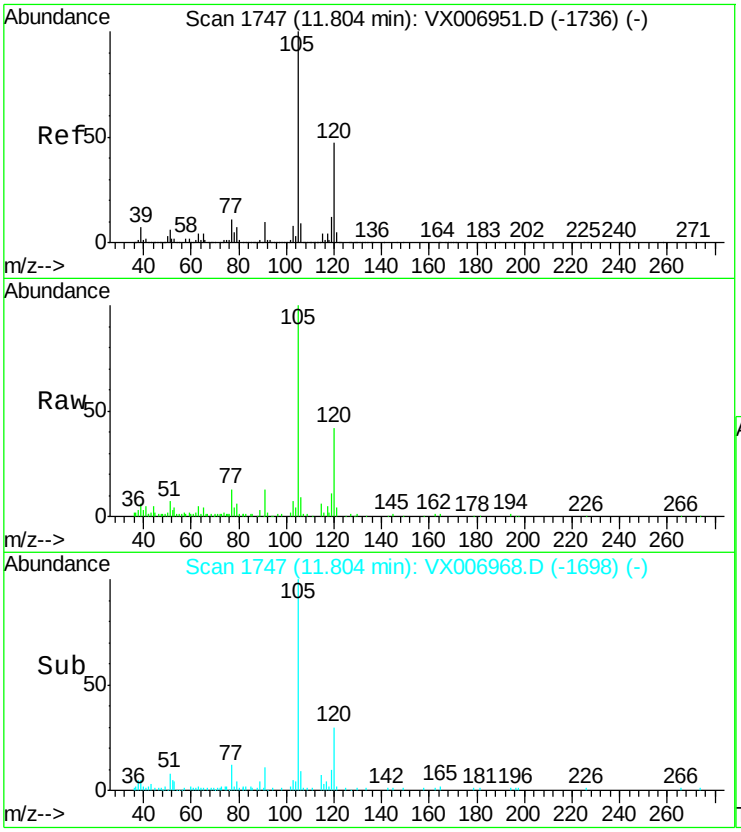


#81
trans-1,4-Dichloro-2-butene
Concen: 64.593 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion: 75 Resp: 197454

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.1	38.0	57.0#



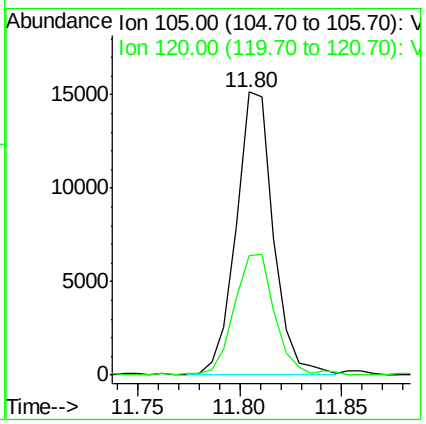


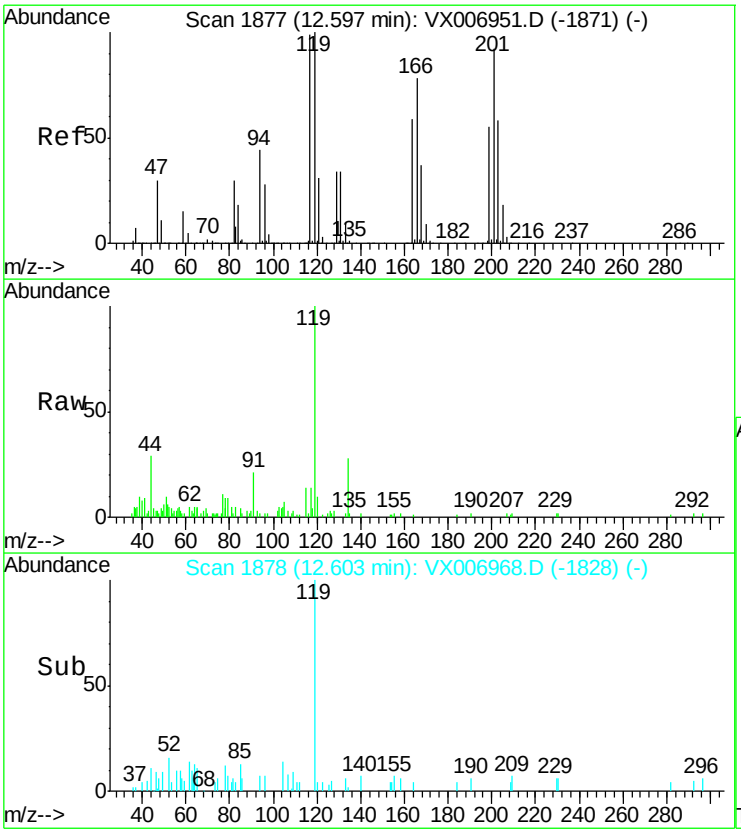
#84
1,2,4-Trimethylbenzene
Concen: 0.728 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 19268

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6

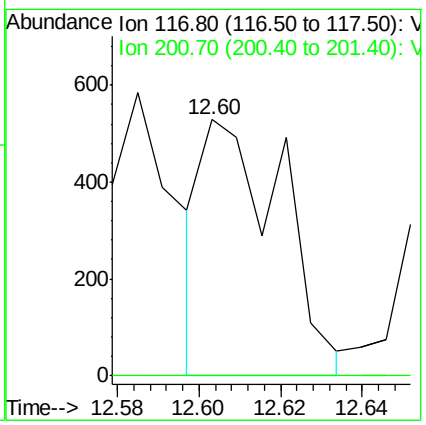


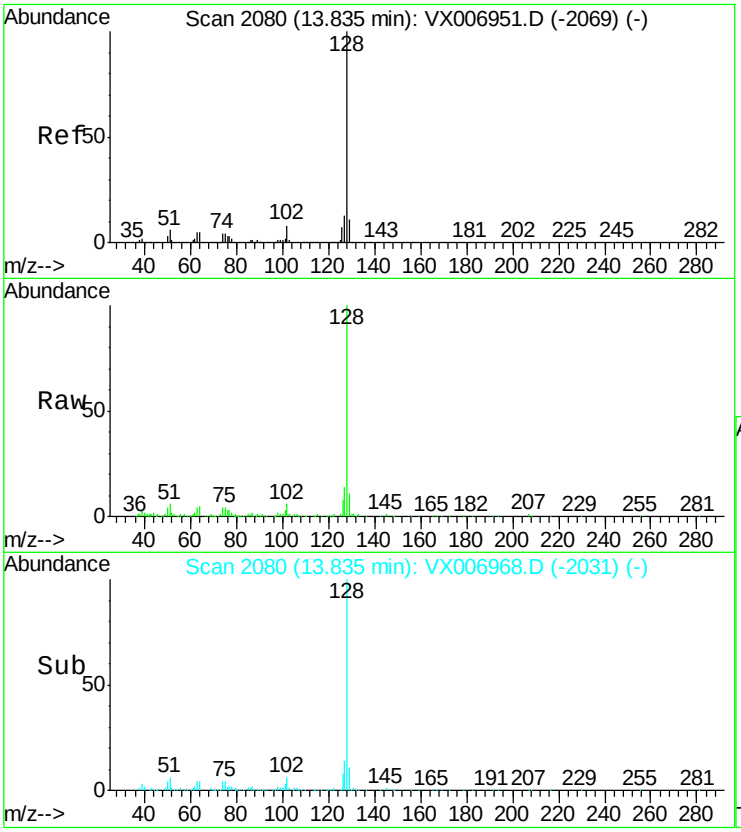


#90
Hexachloroethane
Concen: 3.059 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Tgt Ion:117 Resp: 718

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 1.344 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006968.D
Acq: 09 Jan 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 43270

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.1	15.1
129	13.3	8.6	13.0#