Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011603.D
Acq On : 17 Aug 2019 01:00
Operator : JC/SP
Sample : K4272-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 2S-G3-(0)

Quant Time: Aug 19 01:17:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	440056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	609673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	541402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	209559	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
35) Dibromofluoromethane	5.49	113	182569	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.56%			
50) Toluene-d8	8.71	98	699621	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.62%			
62) 4-Bromofluorobenzene	11.13	95	242045	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.30%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	639	0.351	ug/l #	49
6) Chloroethane	1.78	64	587	0.306	ug/l #	50
8) Diethyl Ether	2.18	74	633	0.328	ug/l	79
10) Methyl Iodide	2.51	142	1131	0.204	ug/l #	73
11) Tert butyl alcohol	3.01	59	7377	7.368	ug/l #	84
13) Acrolein	2.29	56	291	13.083	ug/l #	15
16) Acetone	2.43	43	11628	5.667	ug/l	98
18) Methyl Acetate	2.77	43	5796	0.911	ug/l	96
20) Methylene Chloride	2.85	84	10702	2.484	ug/l	95
25) 2-Butanone	4.69	43	2961	0.919	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	25126	4.820	ug/l #	51
38) Carbon Tetrachloride	5.66	117	37107	6.461	ug/l #	17
43) Isopropyl Acetate	6.44	43	80277	8.580	ug/l	100
48) Methyl methacrylate	7.67	41	4894	1.056	ug/l #	18
49) 1,4-Dioxane	7.76	88	165	1.339	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	76341	12.465	ug/l #	52
54) cis-1,3-Dichloropropene	8.61	75	36700	5.995	ug/l #	63
59) 2-Hexanone	9.54	43	87721	18.574	ug/l #	52
68) m/p-Xylenes	10.35	106	2056	0.278	ug/l	90
71) Bromoform	10.67	173	83	3.310	ug/l #	28
74) N-amyl acetate	10.82	43	3529	0.490	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	112745	22.768	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	112745	60.631	ug/l #	11

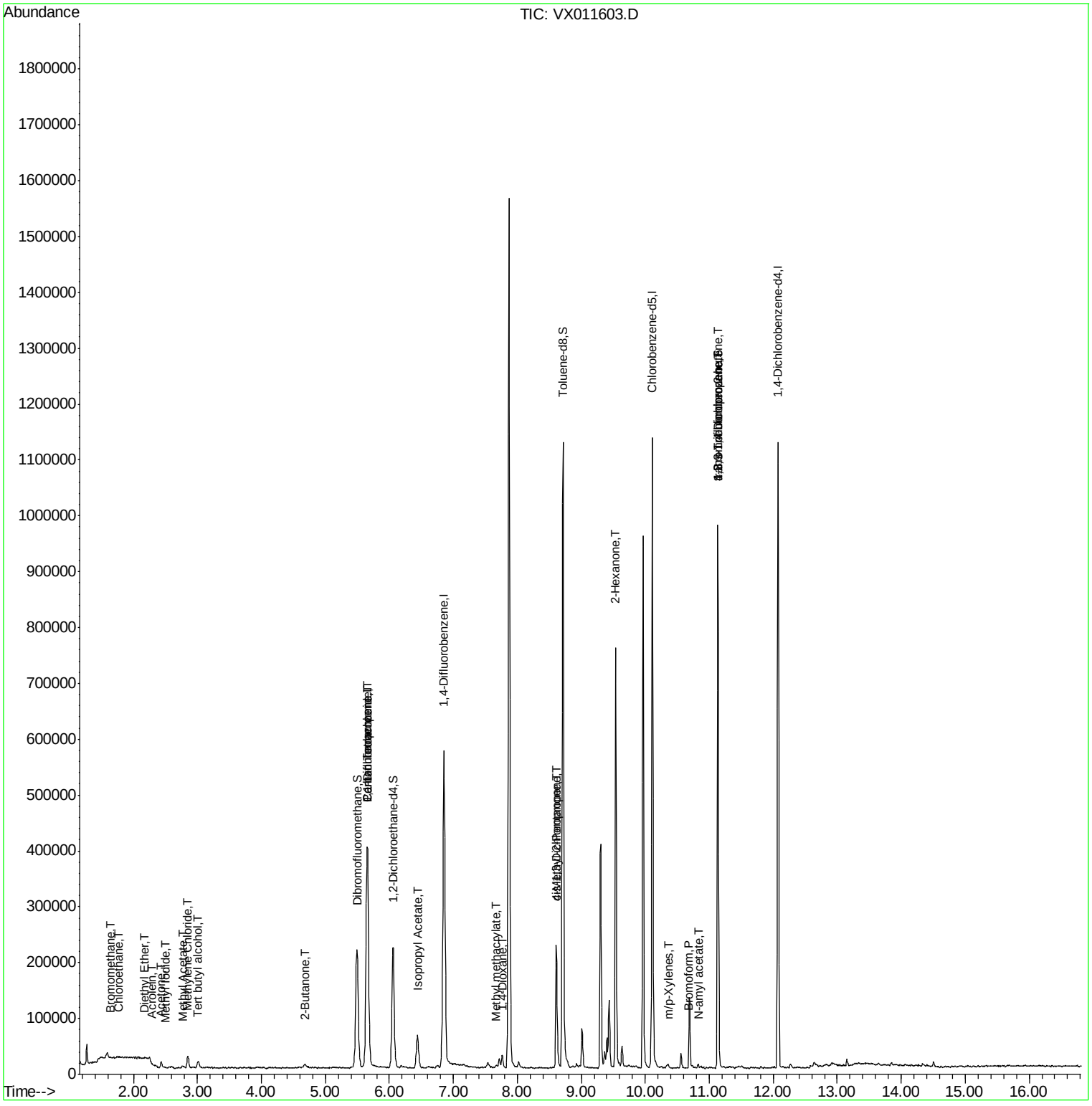
(#) = qualifier out of range (m) = manual integration (+) = signals summed

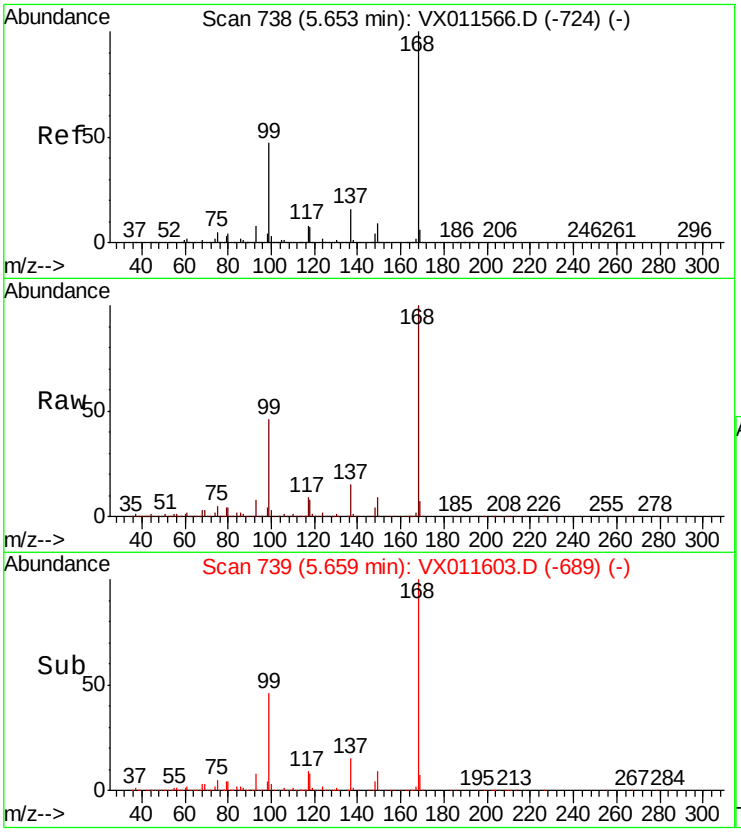
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081619\
Data File : VX011603.D
Acq On : 17 Aug 2019 01:00
Operator : JC/SP
Sample : K4272-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Quant Time: Aug 19 01:17:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



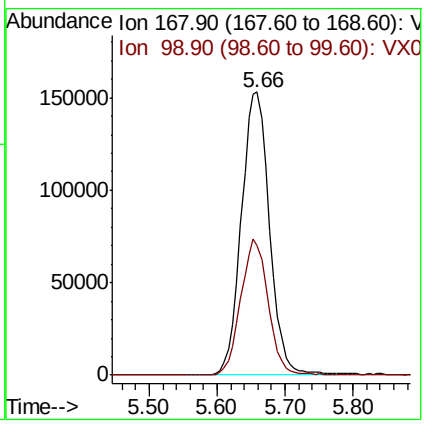


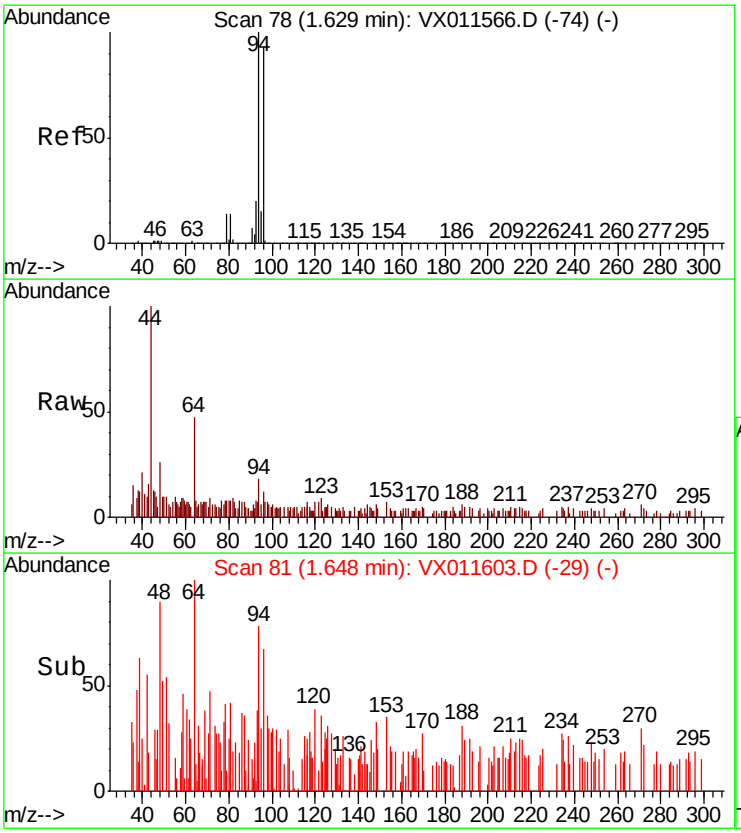
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion:168 Resp: 440056

Ion	Ratio	Lower	Upper
168	100		
99	45.9	37.3	55.9

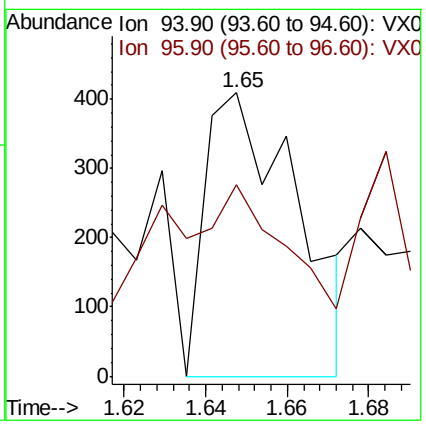


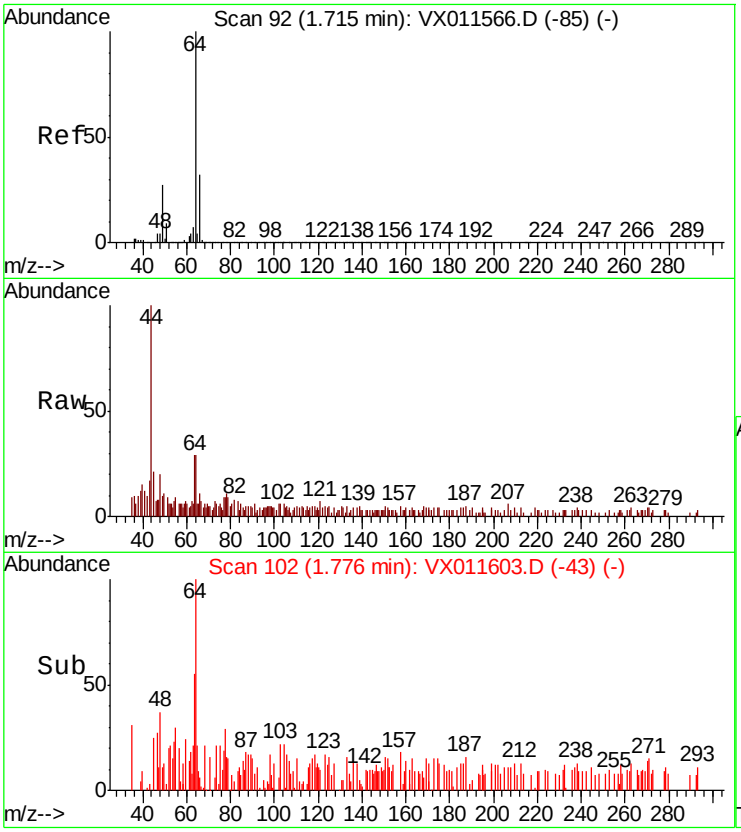


#5
Bromomethane
Concen: 0.351 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.02 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 94 Resp: 639

Ion	Ratio	Lower	Upper
94	100		
96	44.0	74.8	112.2#



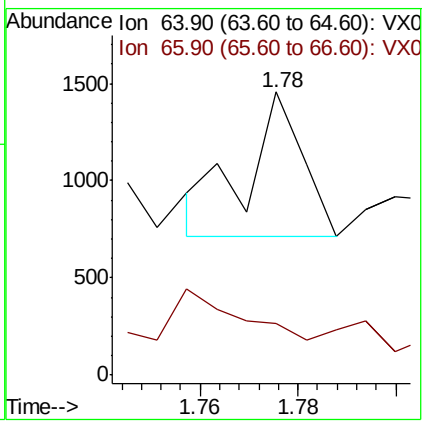


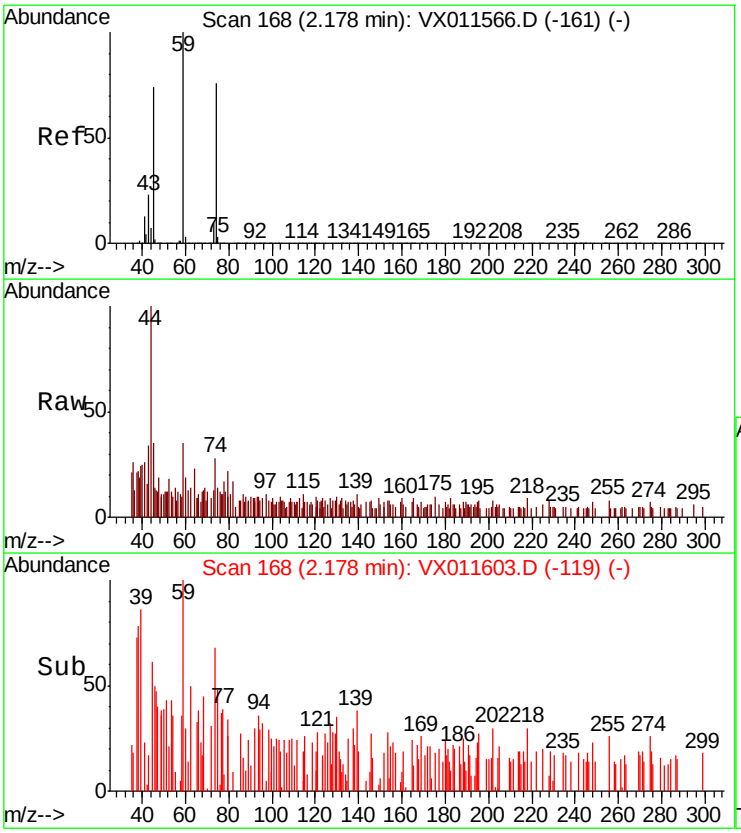
#6
Chloroethane
Concen: 0.306 ug/l
RT: 1.78 min Scan# 102
Delta R.T. 0.06 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument : MSVOA_X
ClientSampleId : 2S-G3-(0)

Tgt Ion: 64 Resp: 587

Ion	Ratio	Lower	Upper
64	100		
66	3.9	25.3	37.9#

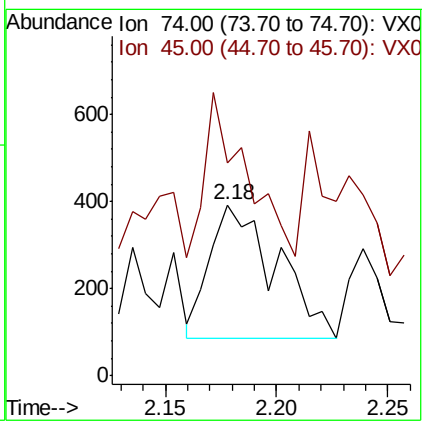


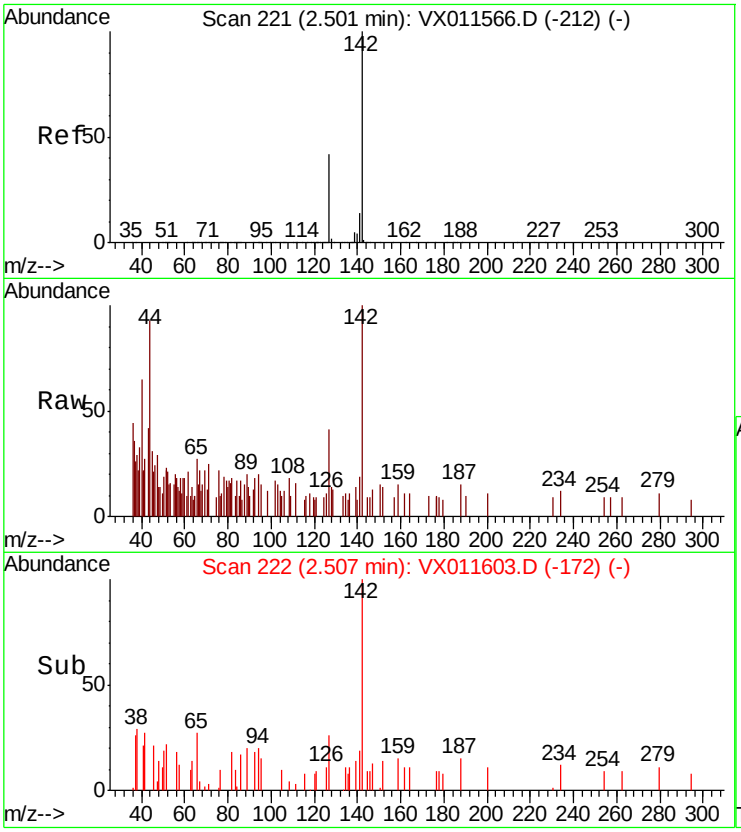


#8
Diethyl Ether
Concen: 0.328 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 74 Resp: 633

Ion	Ratio	Lower	Upper
74	100		
45	76.1	48.2	144.6



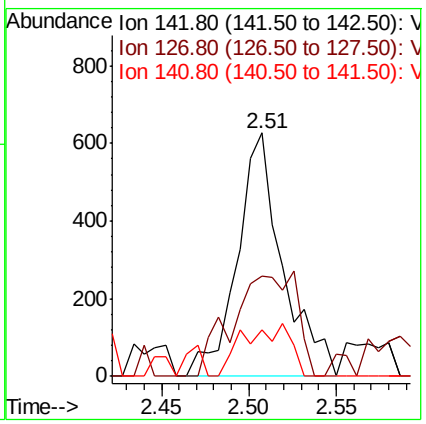


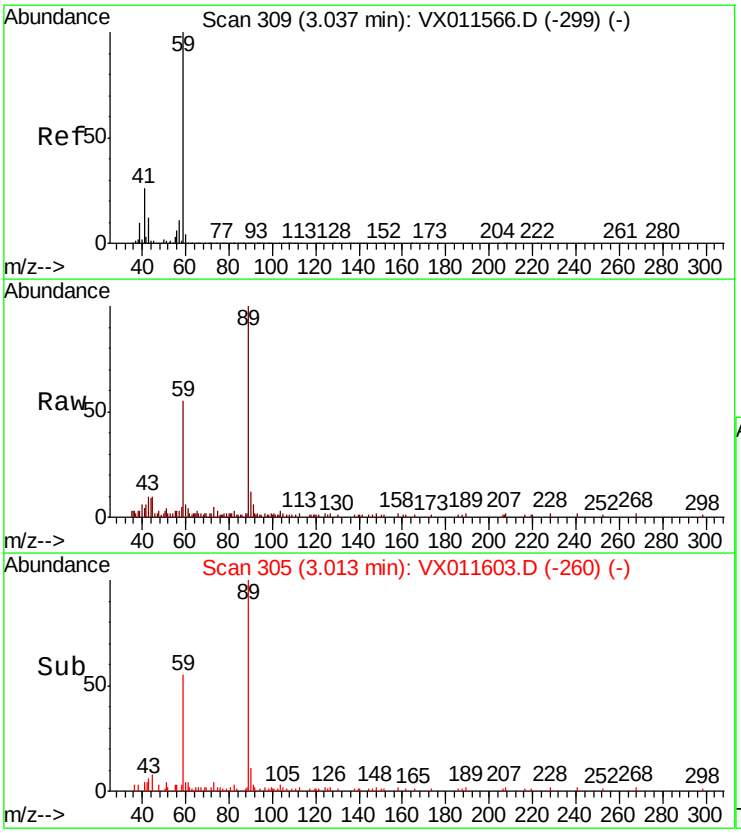
#10
Methyl Iodide
Concen: 0.204 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion:142 Resp: 1131

Ion	Ratio	Lower	Upper
142	100		
127	59.9	32.8	49.2#
141	22.2	11.4	17.2#

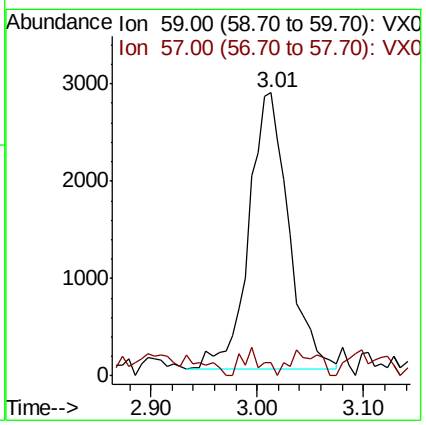


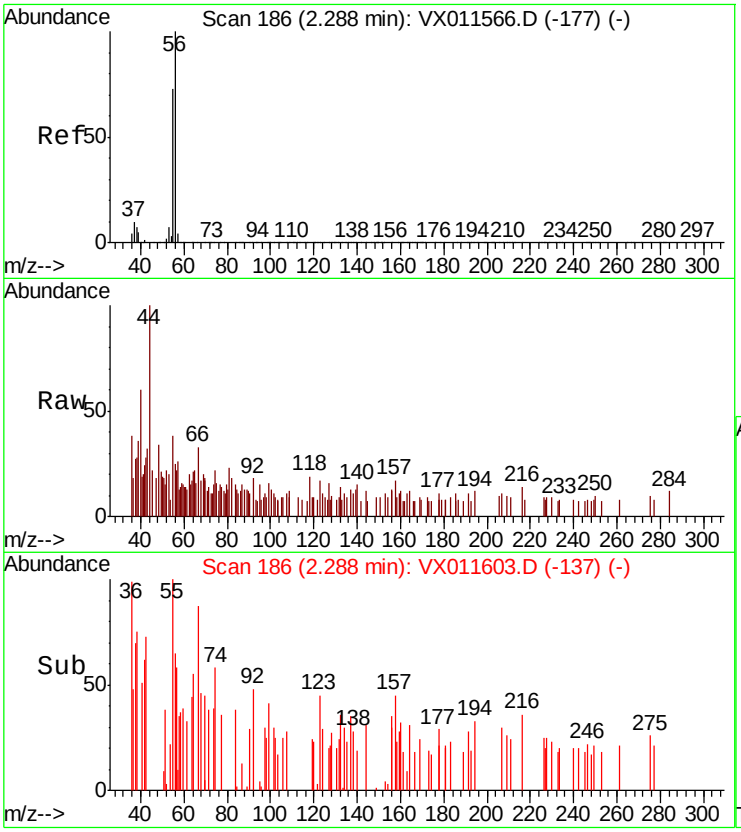


#11
Tert butyl alcohol
Concen: 7.368 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 59 Resp: 7377

Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.7	13.1#



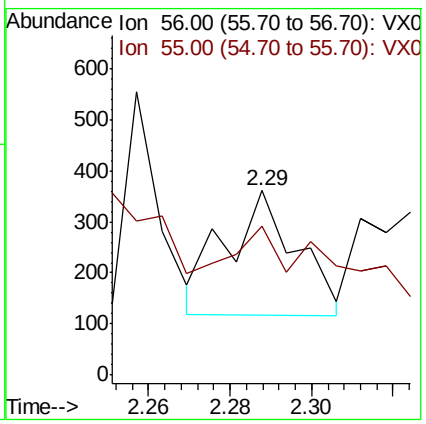


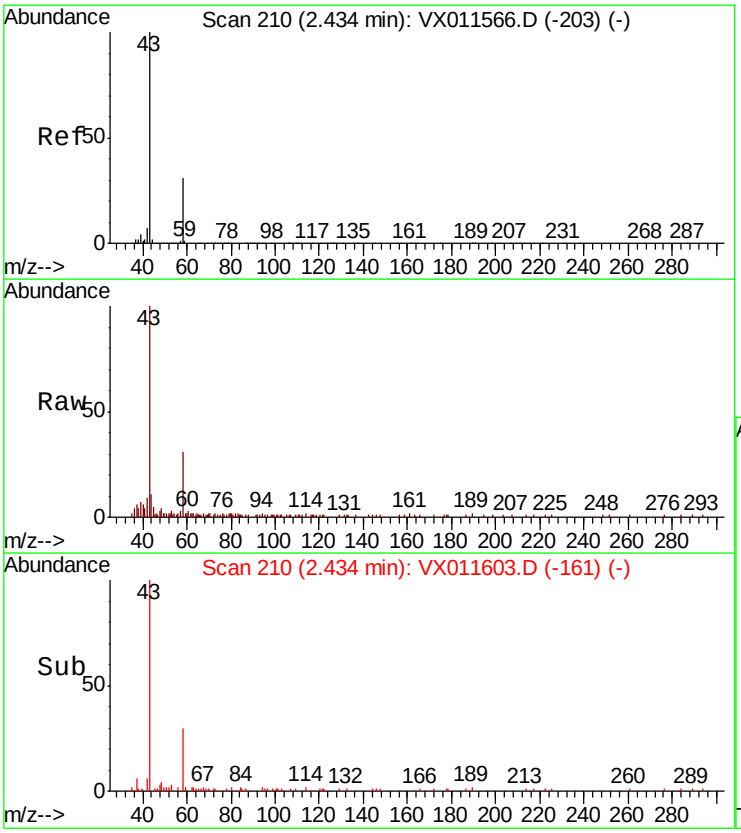
#13
Acrolein
Concen: 13.083 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 56 Resp: 291

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.5	83.3#

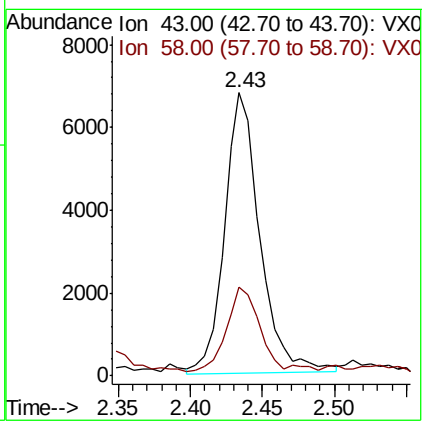


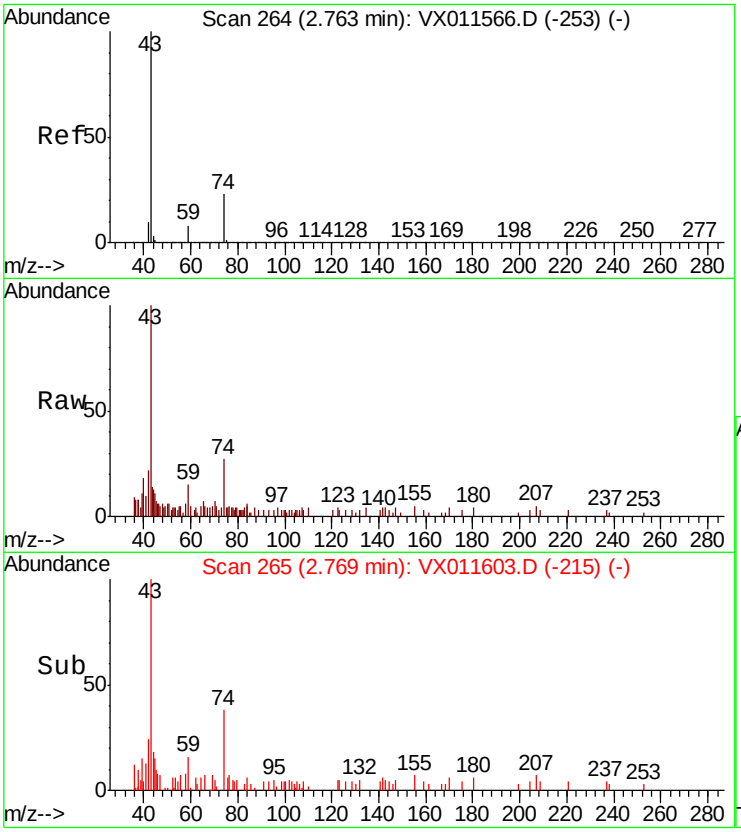


#16
Acetone
Concen: 5.667 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 43 Resp: 11628

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.2	37.8



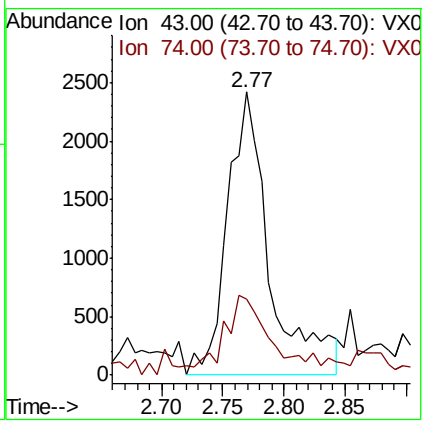


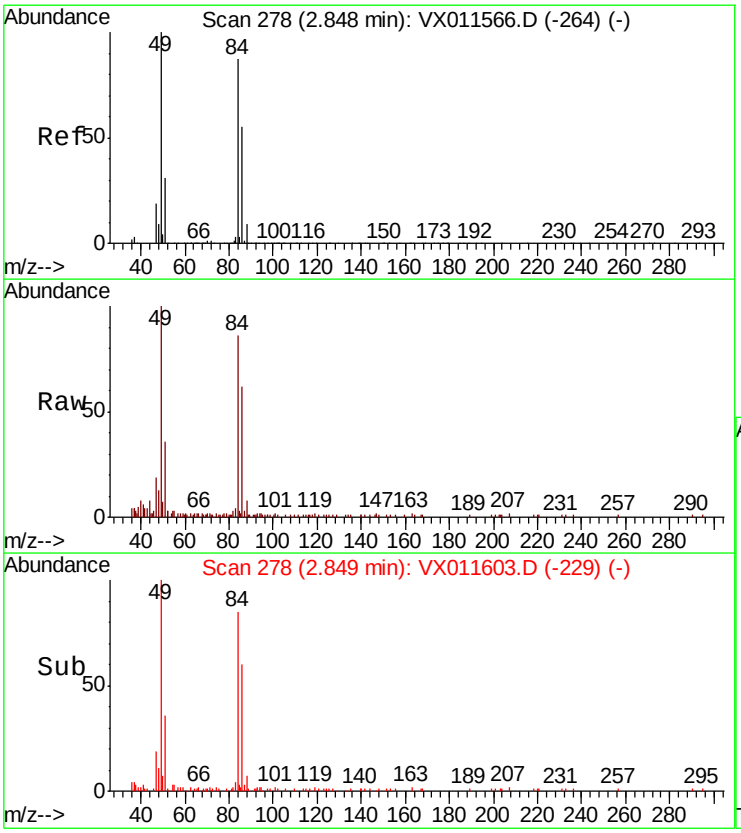
#18
Methyl Acetate
Concen: 0.911 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 43 Resp: 5796

Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.7	29.5

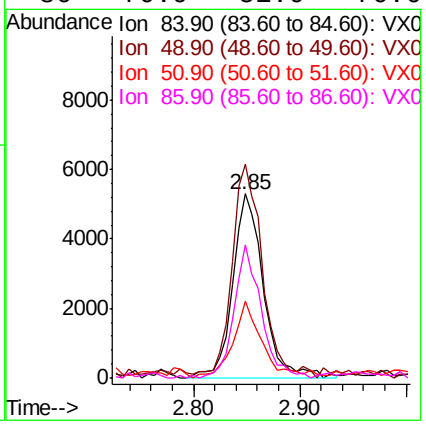


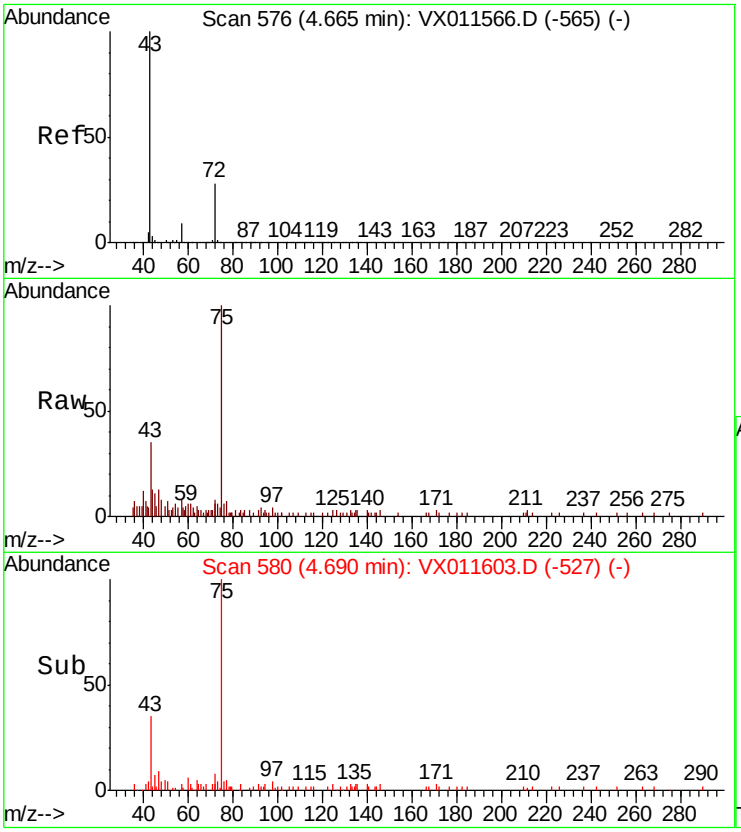


#20
Methylene Chloride
Concen: 2.484 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 84 Resp: 10702

Ion	Ratio	Lower	Upper
84	100		
49	113.3	92.4	138.6
51	39.8	28.5	42.7
86	70.9	51.0	76.6



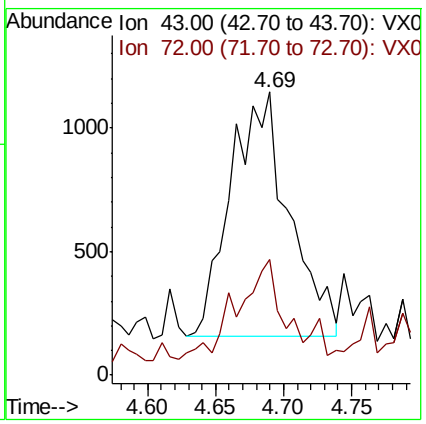


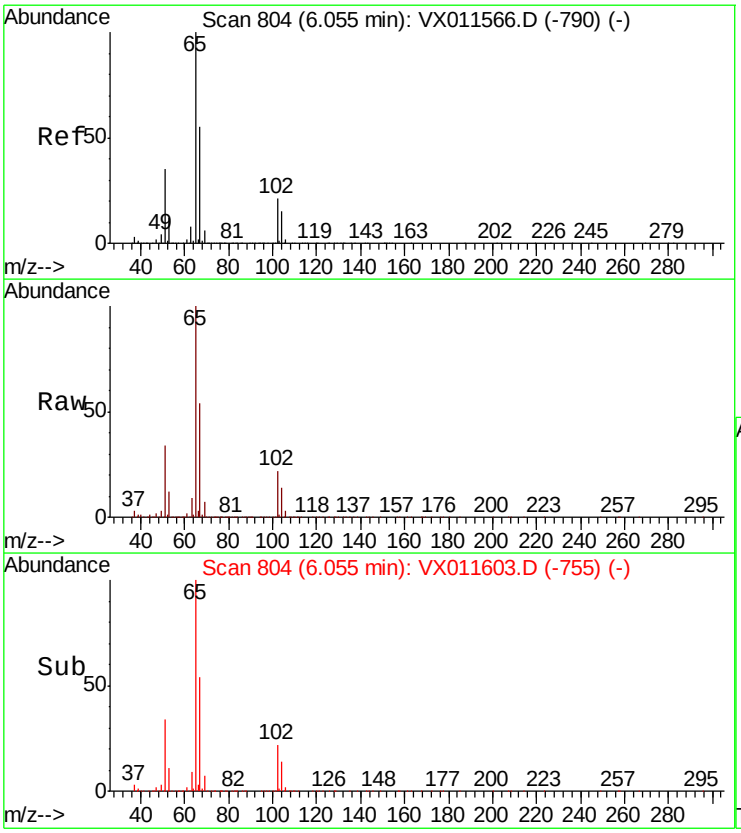
#25
2-Butanone
Concen: 0.919 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 43 Resp: 2961

Ion	Ratio	Lower	Upper
43	100		
72	38.4	22.2	33.4#

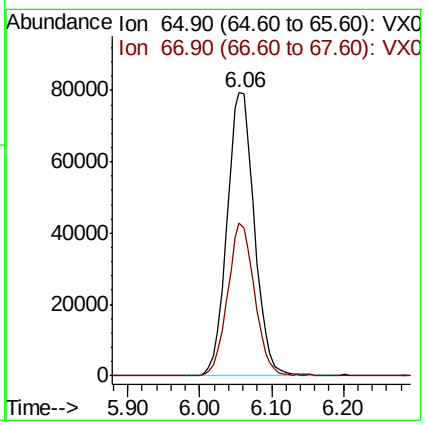


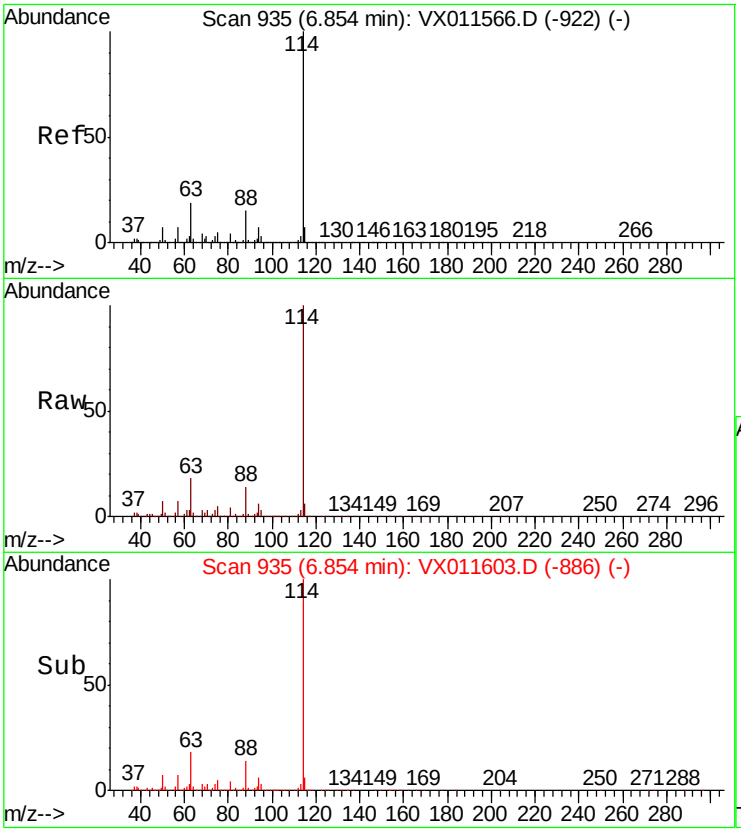


#33
1,2-Dichloroethane-d4
Concen: 51.351 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 65 Resp: 209559

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.6



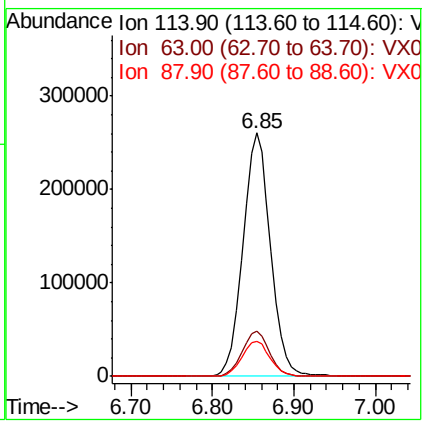


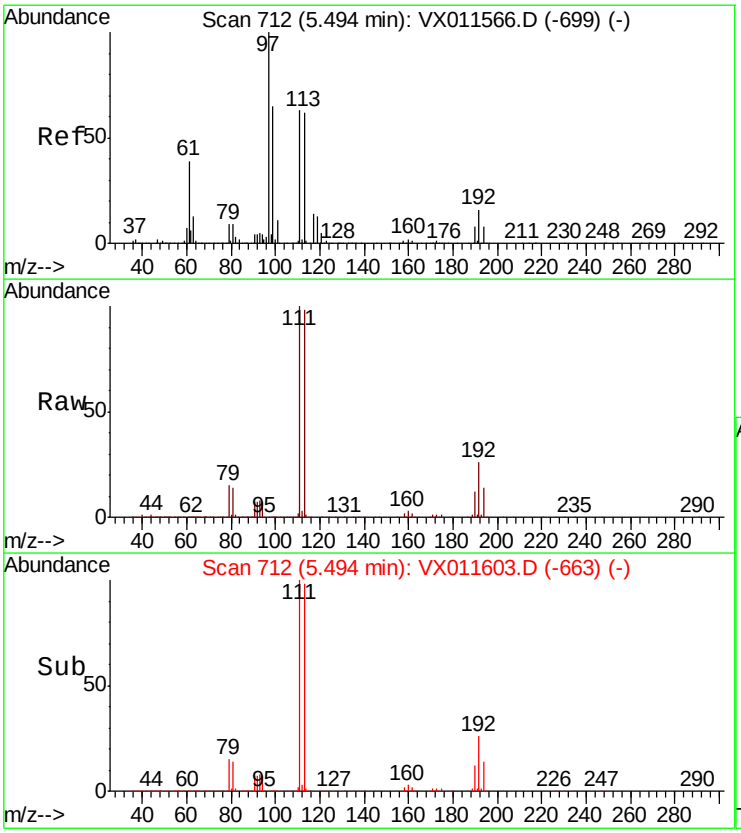
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion:114 Resp: 609673

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.8
88	14.5	0.0	30.2

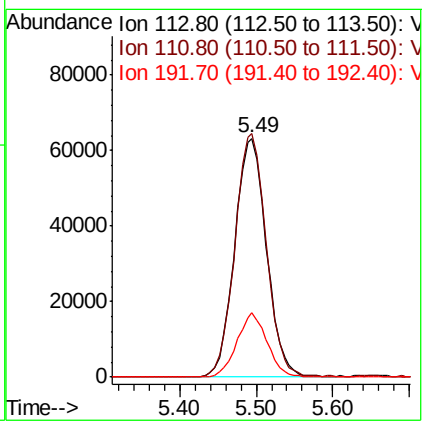


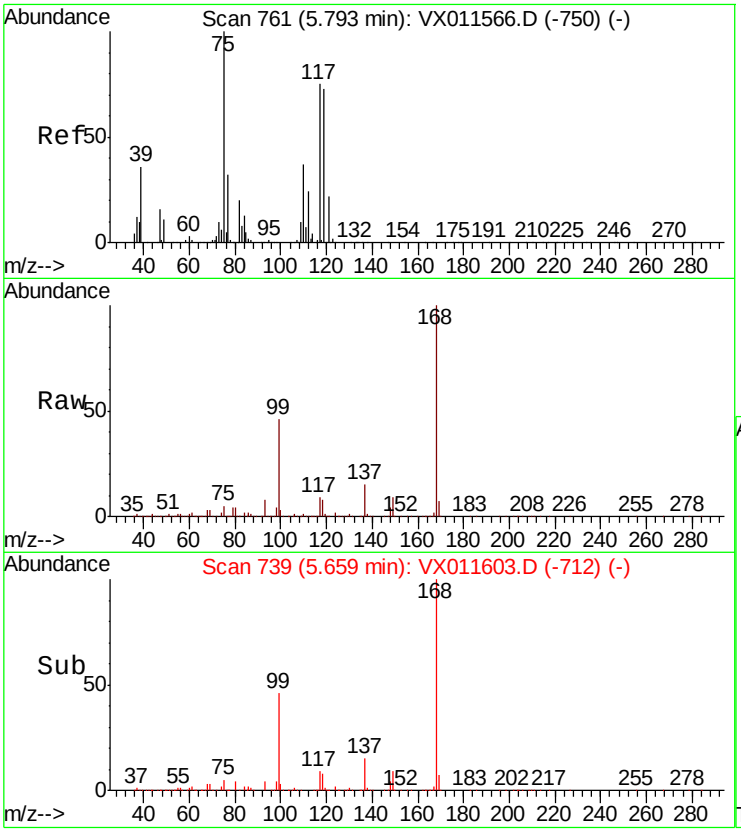


#35
Dibromofluoromethane
Concen: 45.784 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion:113 Resp: 182569

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.1	121.7
192	25.6	20.8	31.2



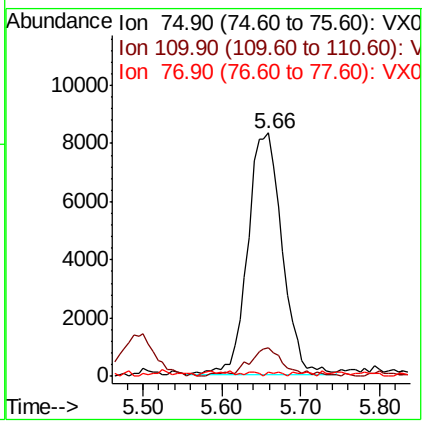


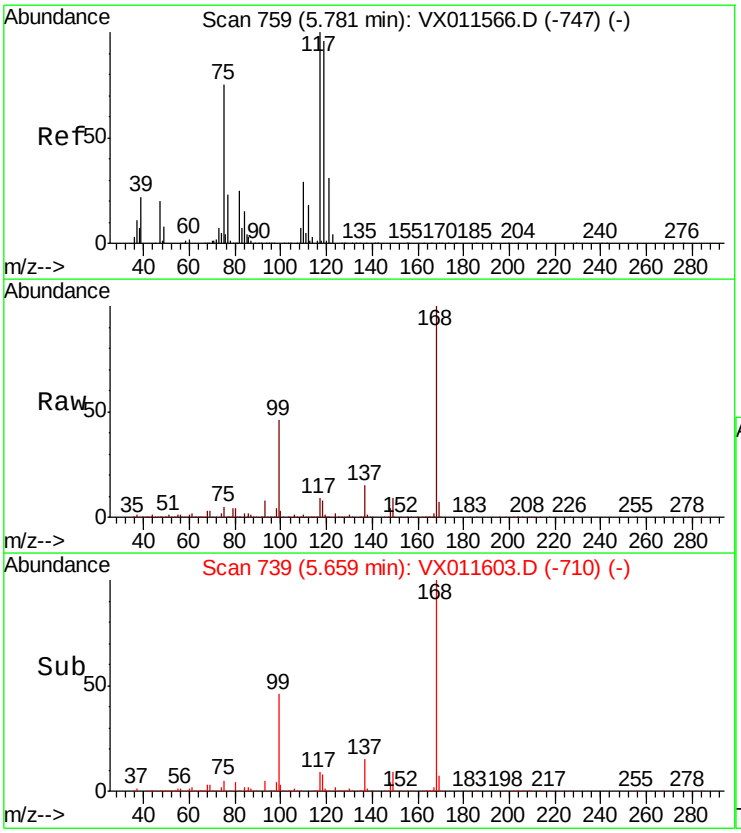
#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 75 Resp: 25126

Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.4	58.1#
77	0.7	25.1	37.7#

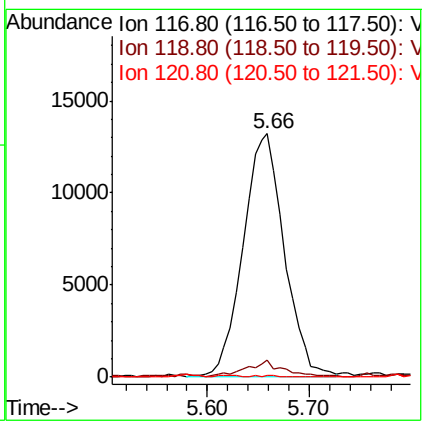


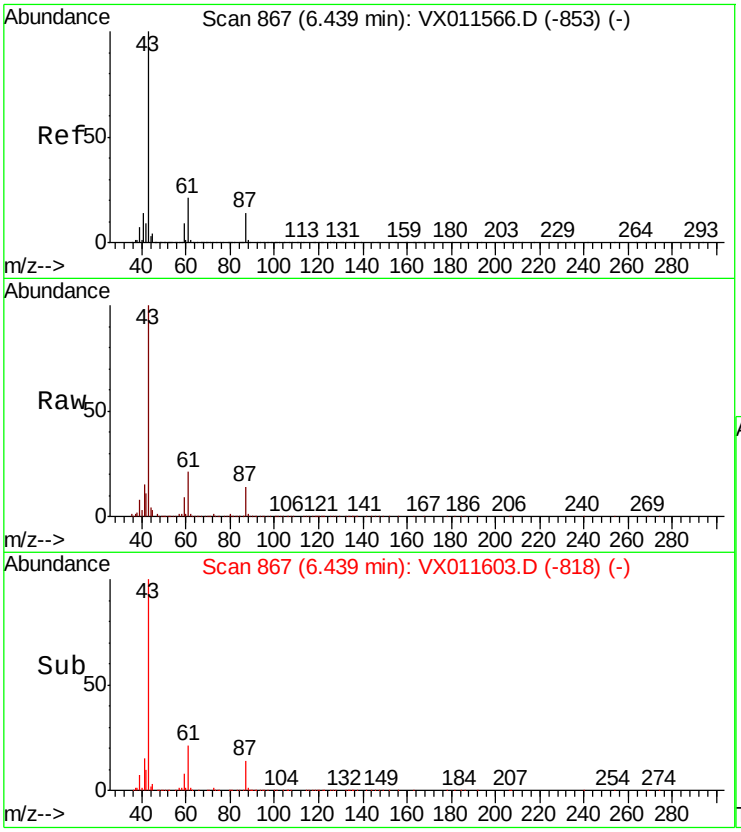


#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion:117 Resp: 37107

Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.9	115.3#
121	0.6	24.8	37.2#



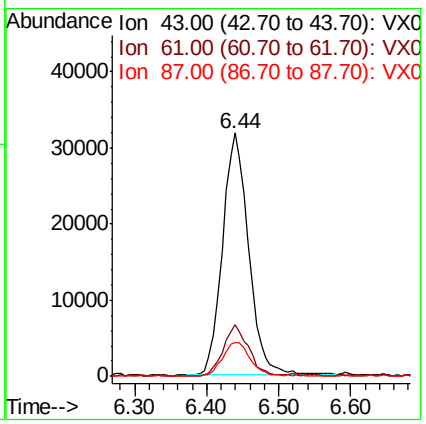


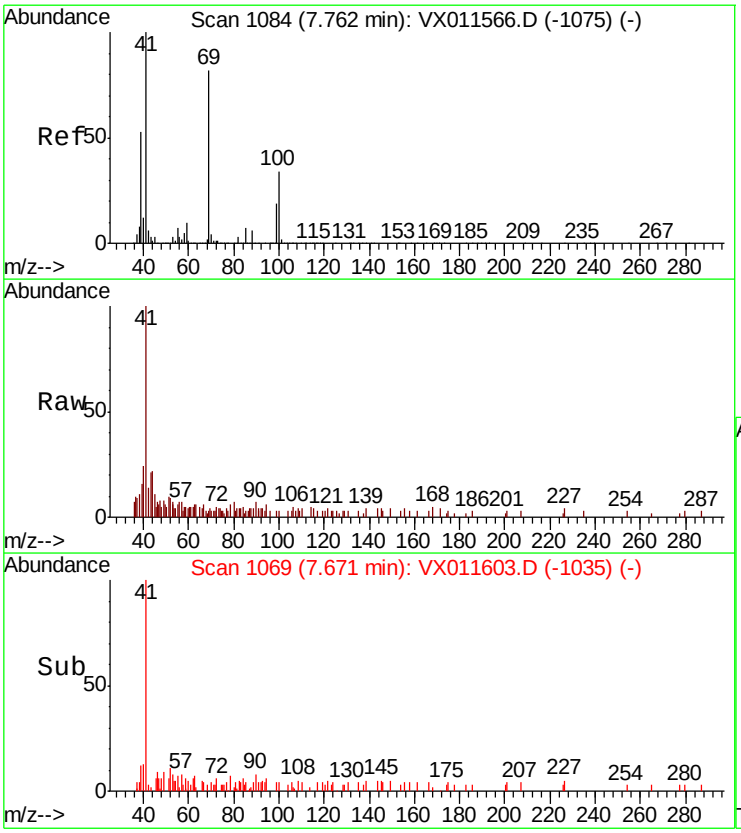
#43
Isopropyl Acetate
Concen: 8.580 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 43 Resp: 80277

Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	14.5	11.4	17.2

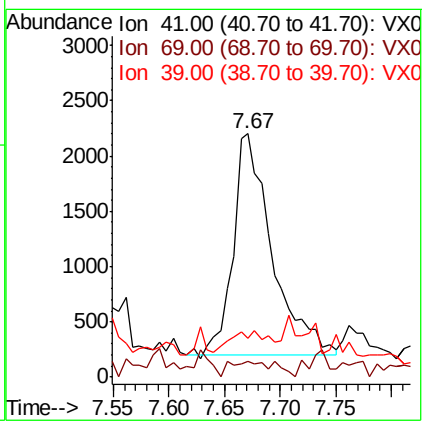


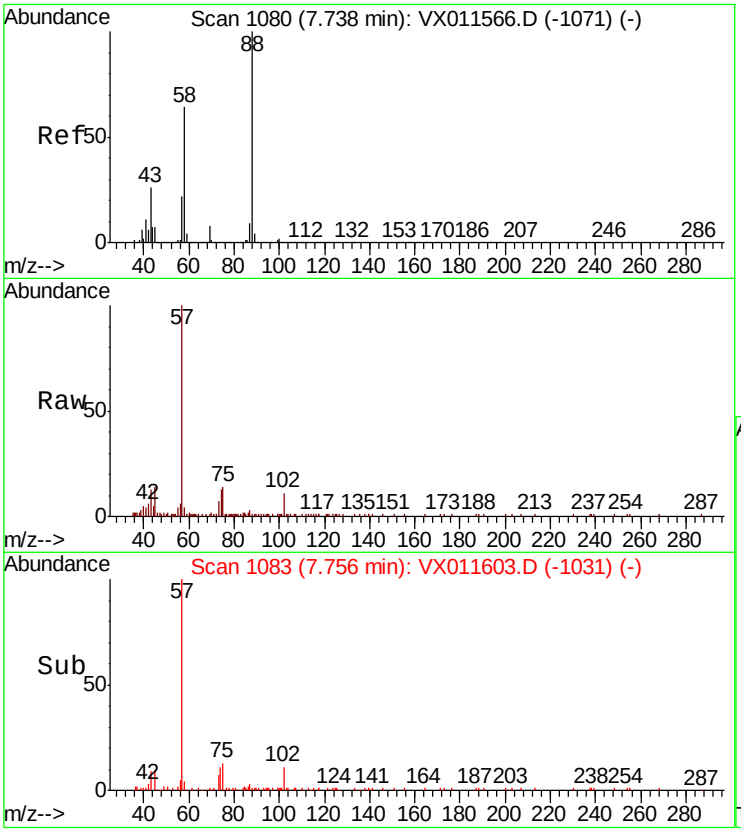


#48
Methyl methacrylate
Concen: 1.056 ug/l
RT: 7.67 min Scan# 1069
Delta R.T. -0.09 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 41 Resp: 4894

Ion	Ratio	Lower	Upper
41	100		
69	6.3	67.9	101.9#
39	0.0	41.6	62.4#



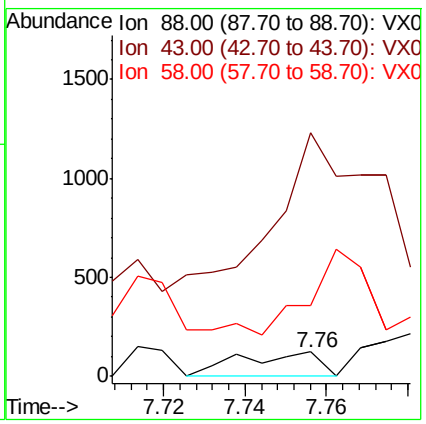


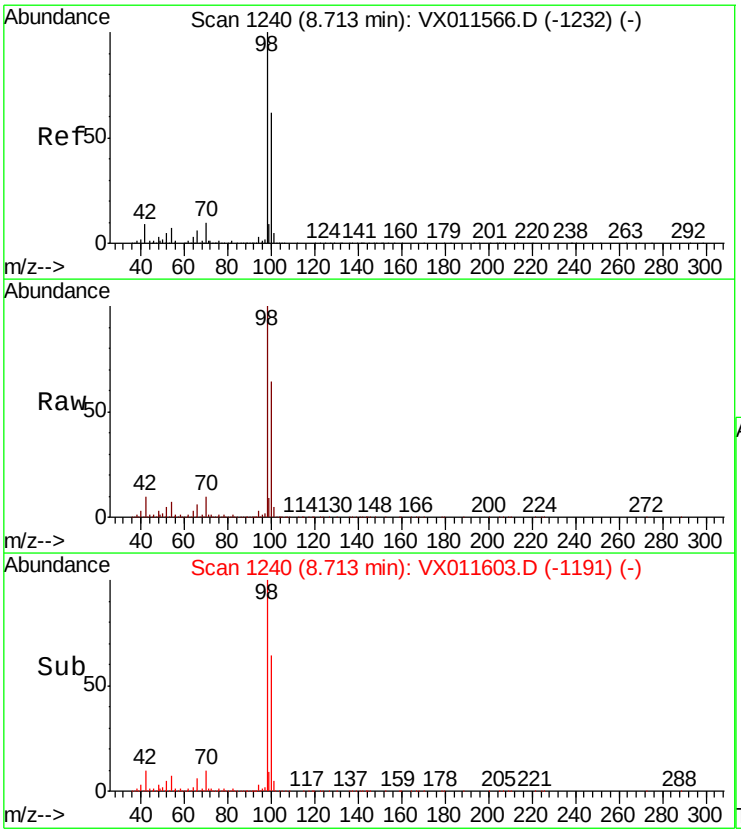
#49
1,4-Dioxane
Concen: 1.339 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 88 Resp: 165

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.0#
58	690.3	54.3	81.5#

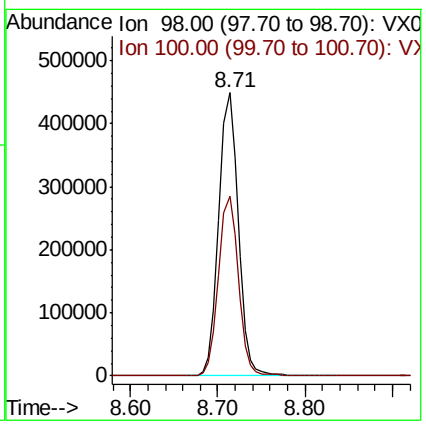


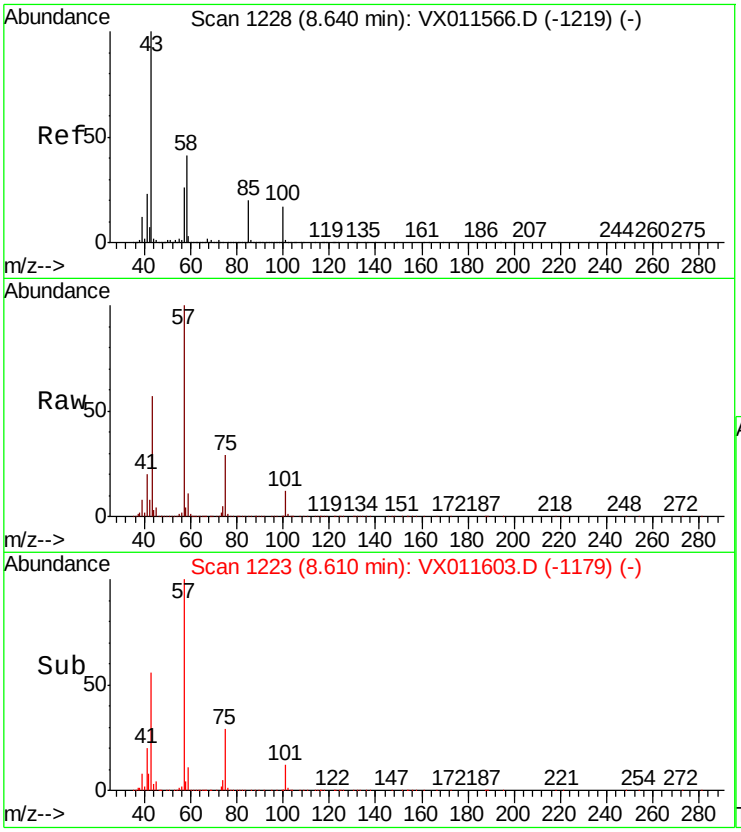


#50
Toluene-d8
Concen: 56.307 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 98 Resp: 699621

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.4	78.6



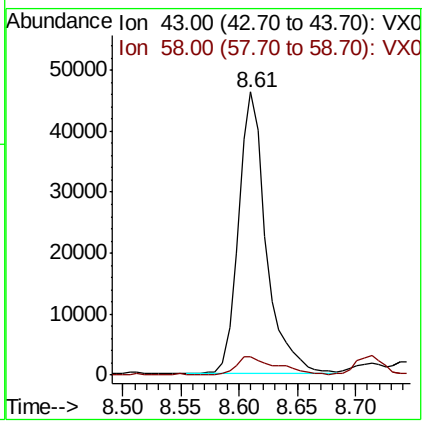


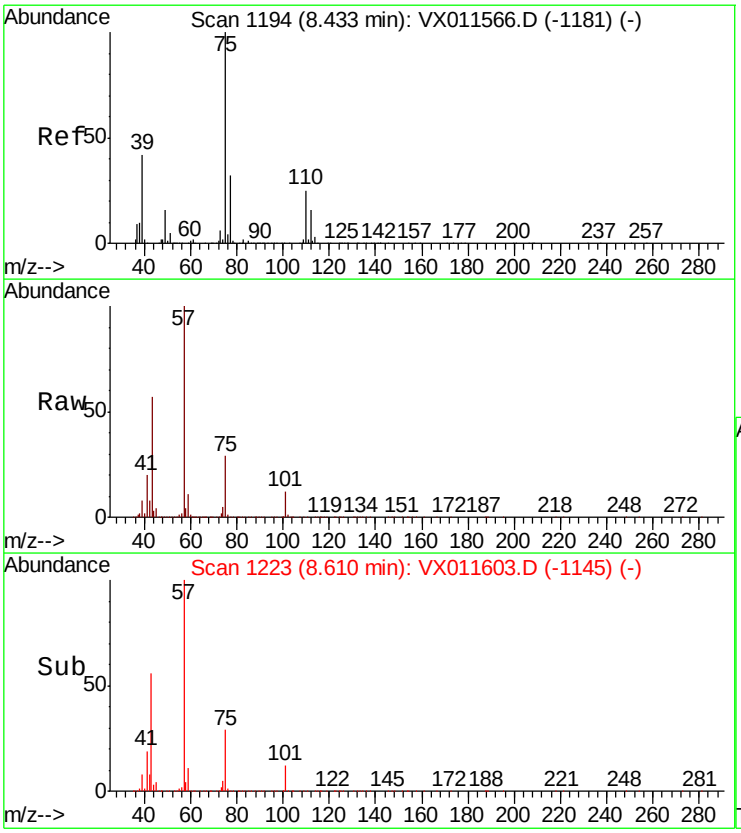
#51
4-Methyl-2-Pentanone
Concen: 12.465 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 43 Resp: 76341

Ion	Ratio	Lower	Upper
43	100		
58	10.0	31.8	47.6#

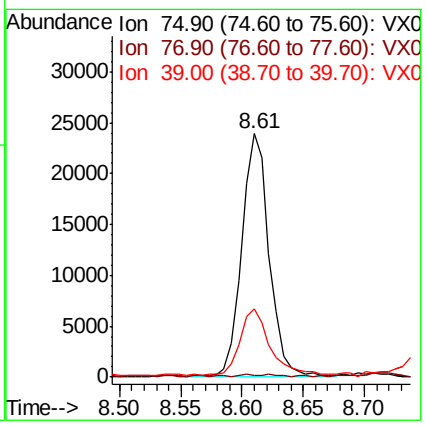


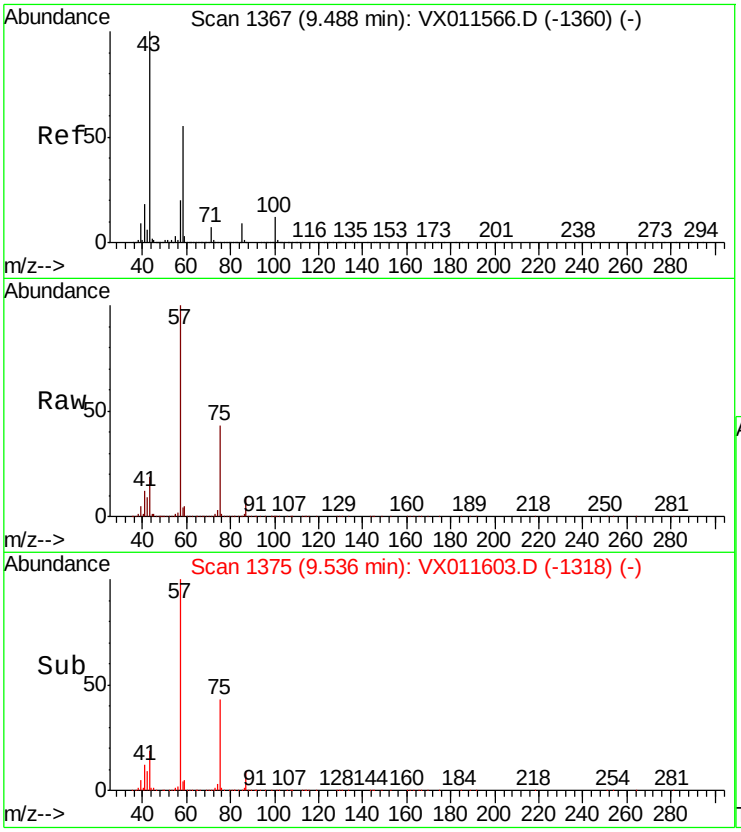


#54
cis-1,3-Dichloropropene
Concen: 5.995 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 75 Resp: 36700

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.5	38.3#
39	27.3	33.6	50.4#



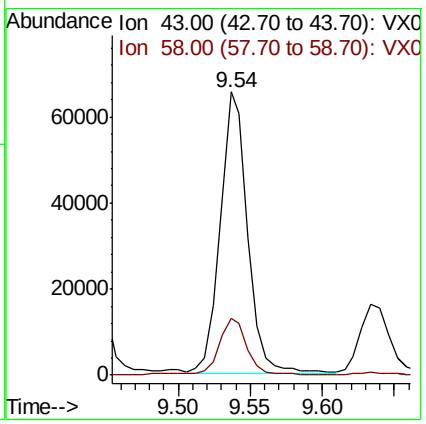


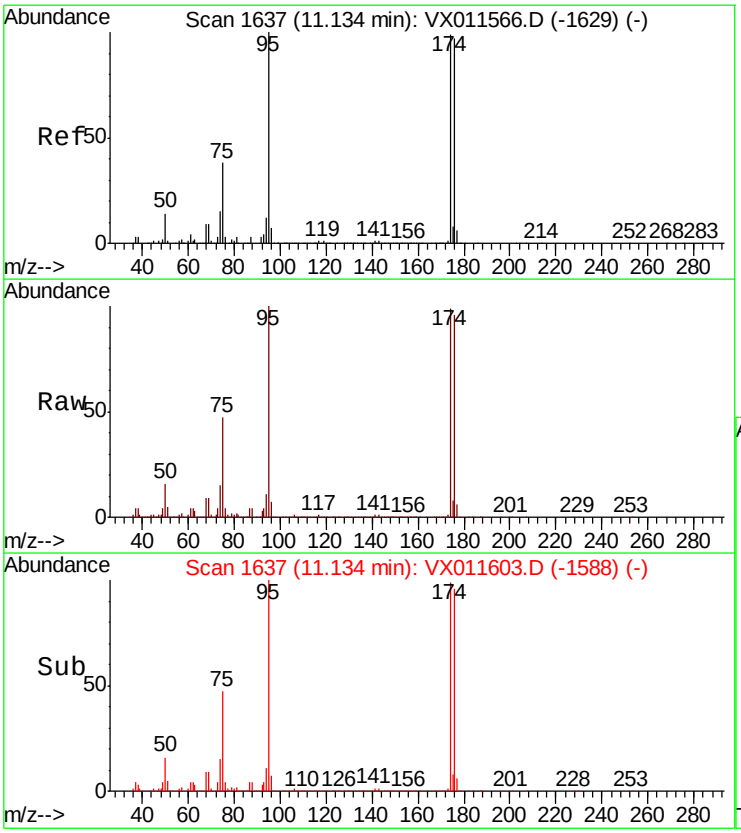
#59
2-Hexanone
Concen: 18.574 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument : MSVOA_X
ClientSampleId : 2S-G3-(0)

Tgt Ion: 43 Resp: 87721

Ion	Ratio	Lower	Upper
43	100		
58	20.6	27.5	82.4#

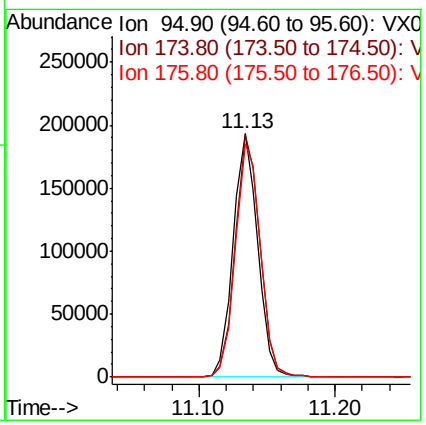


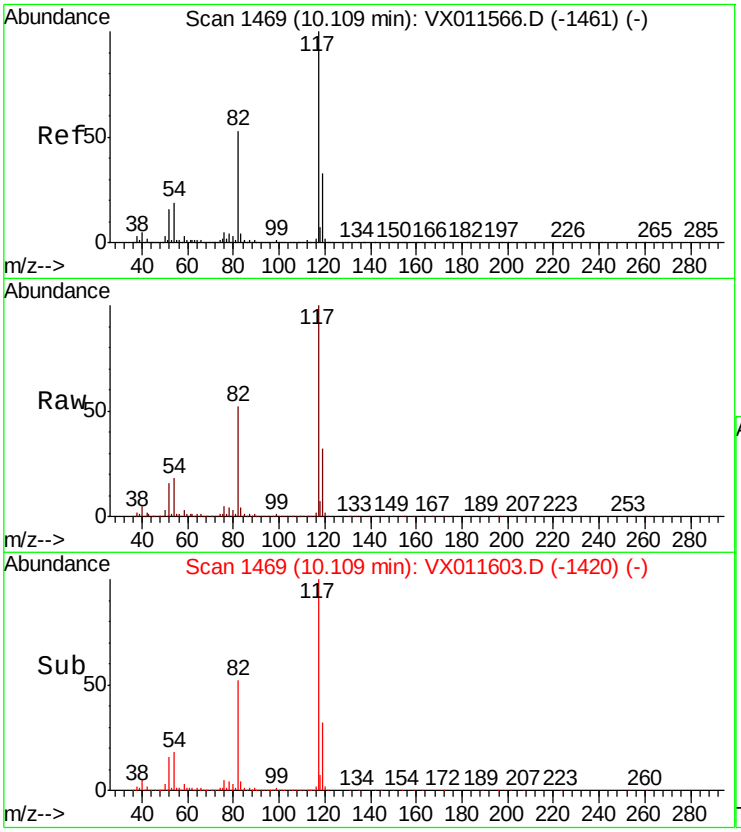


#62
4-Bromofluorobenzene
Concen: 46.153 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 95 Resp: 242045

Ion	Ratio	Lower	Upper
95	100		
174	100.2	0.0	200.6
176	97.8	0.0	196.6



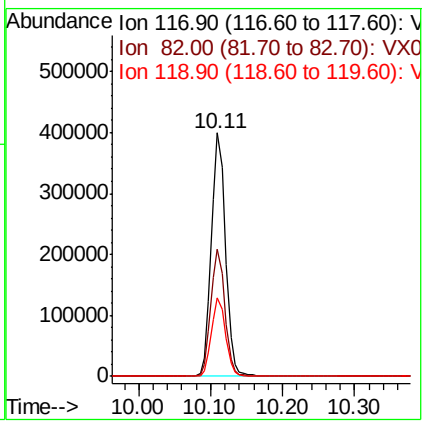


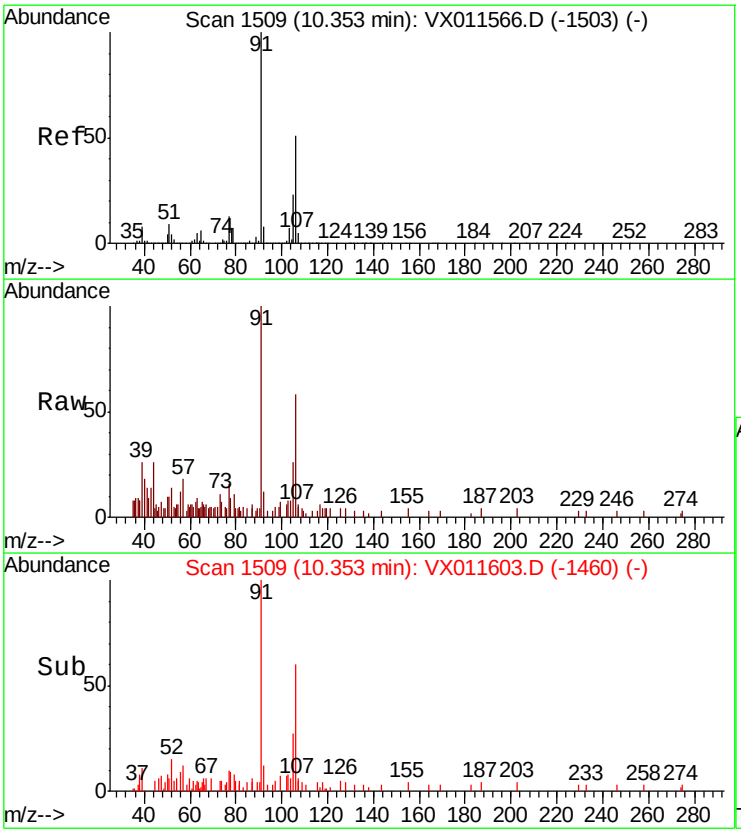
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument : MSVOA_X
ClientSampleId : 2S-G3-(0)

Tgt Ion:117 Resp: 541402

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.0	63.0
119	32.3	26.5	39.7

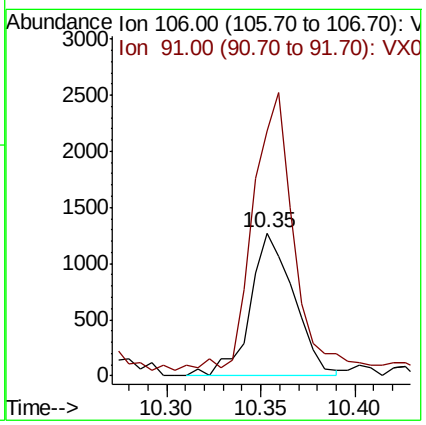


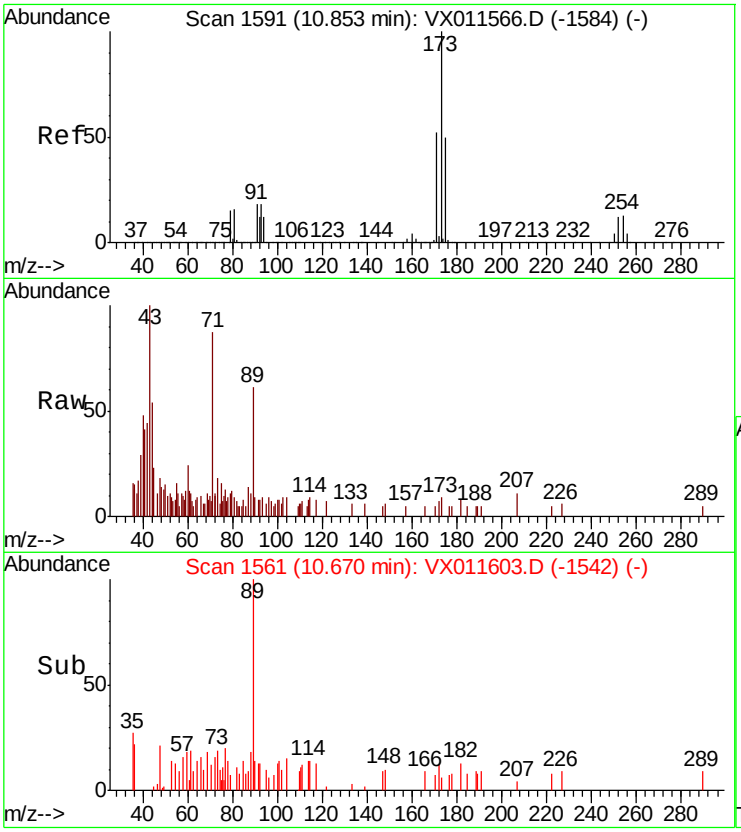


#68
m/p-Xylenes
Concen: 0.278 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion:106 Resp: 2056

Ion	Ratio	Lower	Upper
106	100		
91	180.1	156.0	234.0



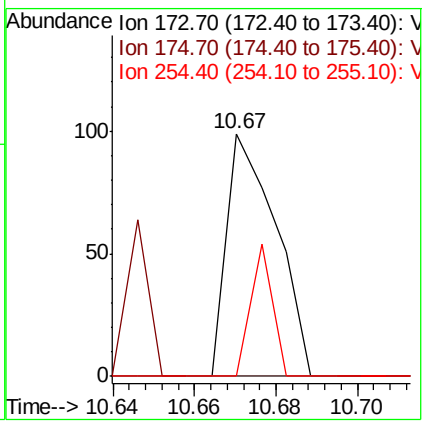


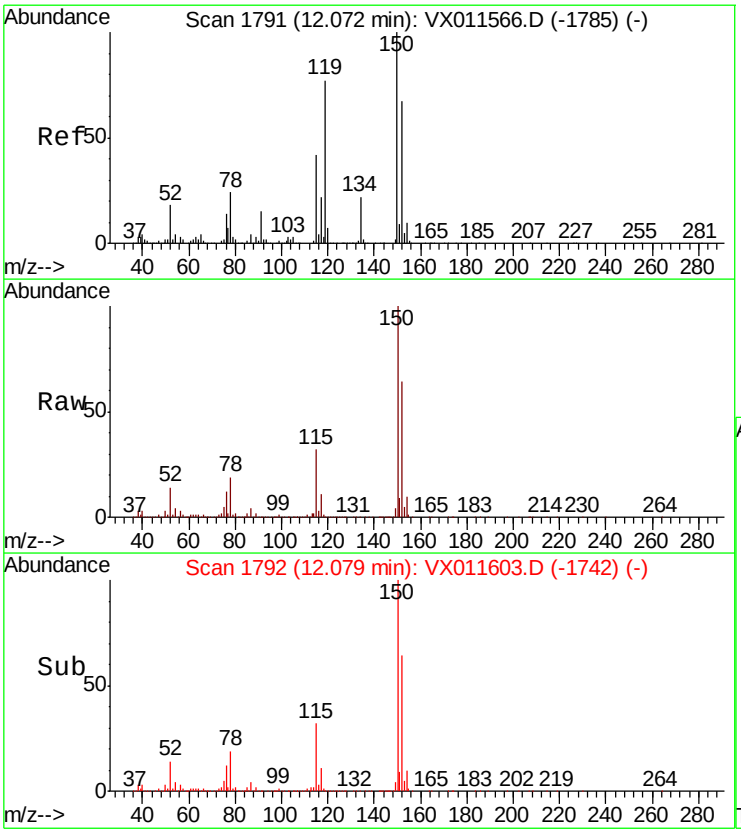
#71
Bromoform
Concen: 3.310 ug/l
RT: 10.67 min Scan# 1561
Delta R.T. -0.18 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion:173 Resp: 83

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	24.1	0.1	0.1#

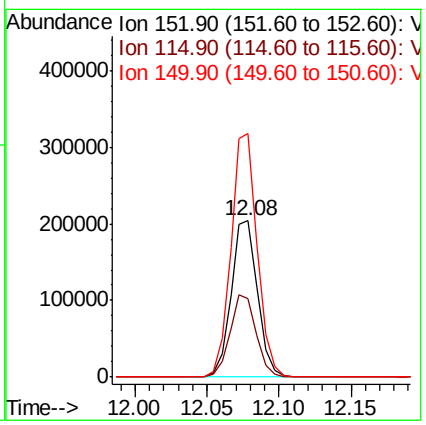


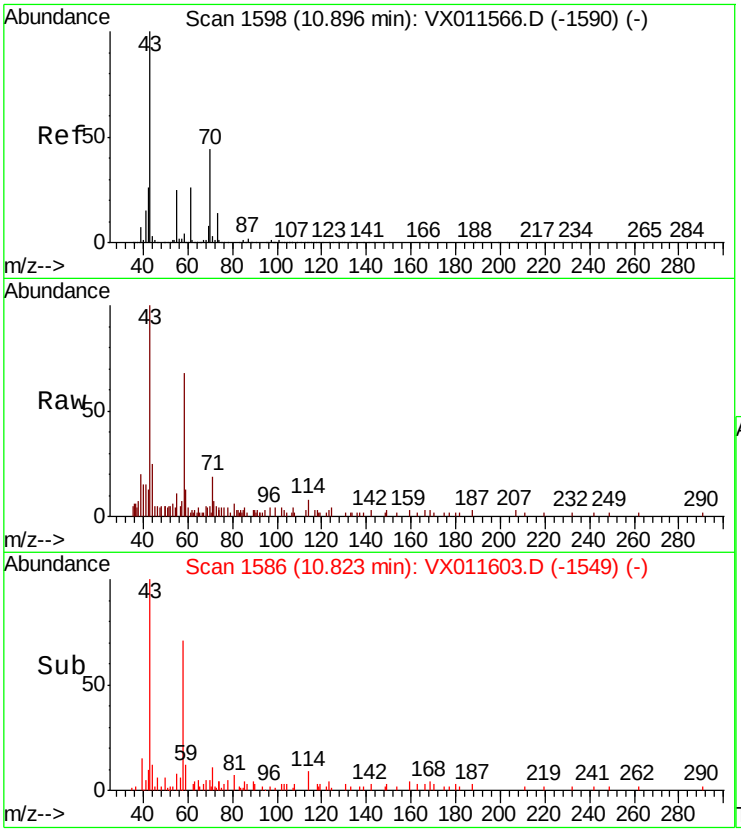


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion:152 Resp: 261139

Ion	Ratio	Lower	Upper
152	100		
115	52.5	37.3	111.9
150	155.3	0.0	346.2



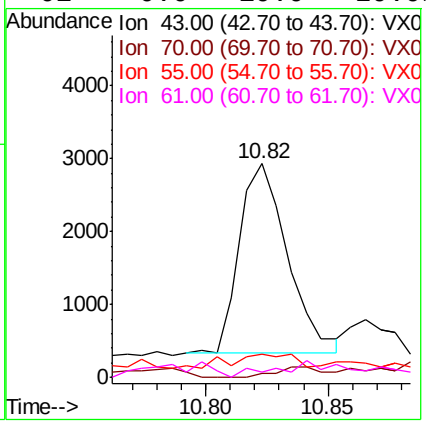


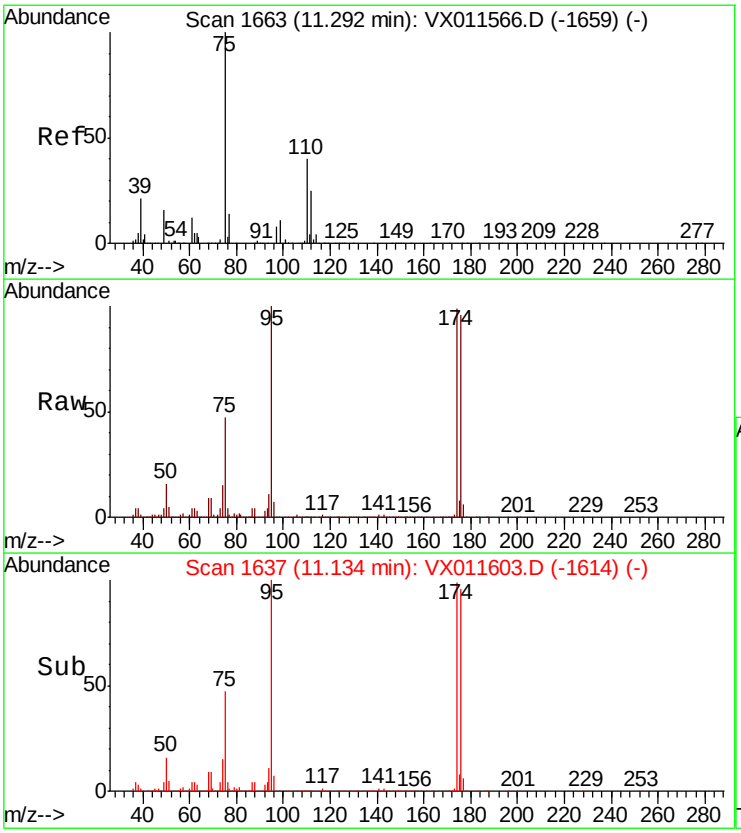
#74
N-amyl acetate
Concen: 0.490 ug/l
RT: 10.82 min Scan# 1586
Delta R.T. -0.07 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument : MSVOA_X
ClientSampleId : 2S-G3-(0)

Tgt Ion: 43 Resp: 3529

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.7	52.1#
55	10.9	19.6	29.4#
61	0.0	19.9	29.9#

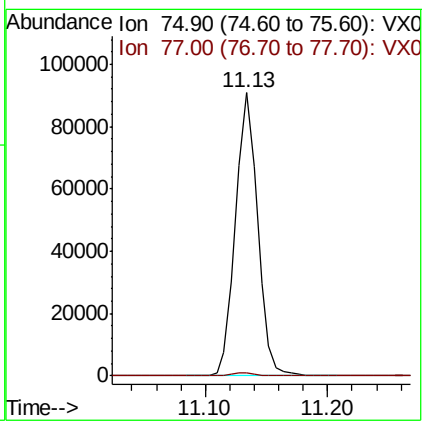


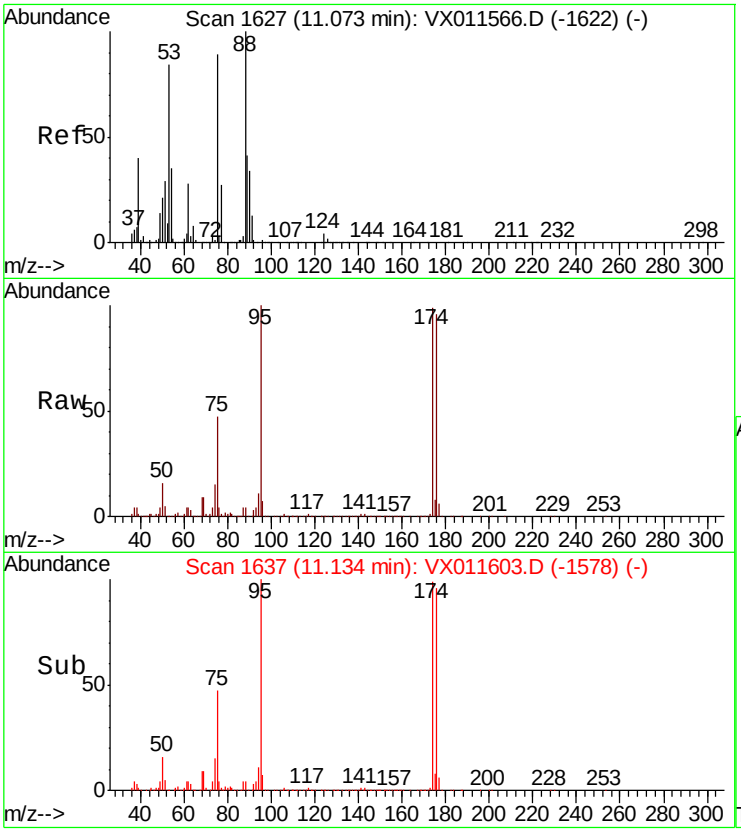


#76
1,2,3-Trichloropropane
Concen: 22.768 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Tgt Ion: 75 Resp: 112745

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.9	62.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.631 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011603.D
Acq: 17 Aug 2019 01:00

Instrument :
MSVOA_X
ClientSampleId :
2S-G3-(0)

Tgt Ion: 75 Resp: 112745

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.4	116.0#
89	0.1	37.3	55.9#