Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012053.D
Acq On : 04 Sep 2019 15:48
Operator : SY/SP
Sample : K4646-10RE
Misc : 5.58g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S602B-M-1.0-1.5-083019RE

Quant Time: Sep 04 16:09:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	192887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	51553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103025	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
35) Dibromofluoromethane	5.48	113	82334	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
50) Toluene-d8	8.71	98	307273	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.90%			
62) 4-Bromofluorobenzene	11.14	95	83774	30.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.32%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	1712	1.255	ug/l	90
10) Methyl Iodide	2.51	142	23	7.001	ug/l #	40
11) Tert butyl alcohol	3.00	59	13959	68.609	ug/l #	83
13) Acrolein	2.28	56	300	Below Cal	#	12
16) Acetone	2.43	43	70256	138.763	ug/l	99
20) Methylene Chloride	2.84	84	6016	2.959	ug/l	96
25) 2-Butanone	4.66	43	25288	39.238	ug/l	97
26) 2,2-Dichloropropane	4.67	77	5012	1.679	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	3159	1.519	ug/l	95
29) Tetrahydrofuran	5.12	42	441	1.136	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	14656	6.287	ug/l #	48
37) Ethyl Acetate	4.66	43	25288	19.949	ug/l #	86
38) Carbon Tetrachloride	5.65	117	17926	7.298	ug/l #	15
52) Toluene	8.78	92	43701	10.036	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	42221	67.028	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	42221	158.465	ug/l #	10

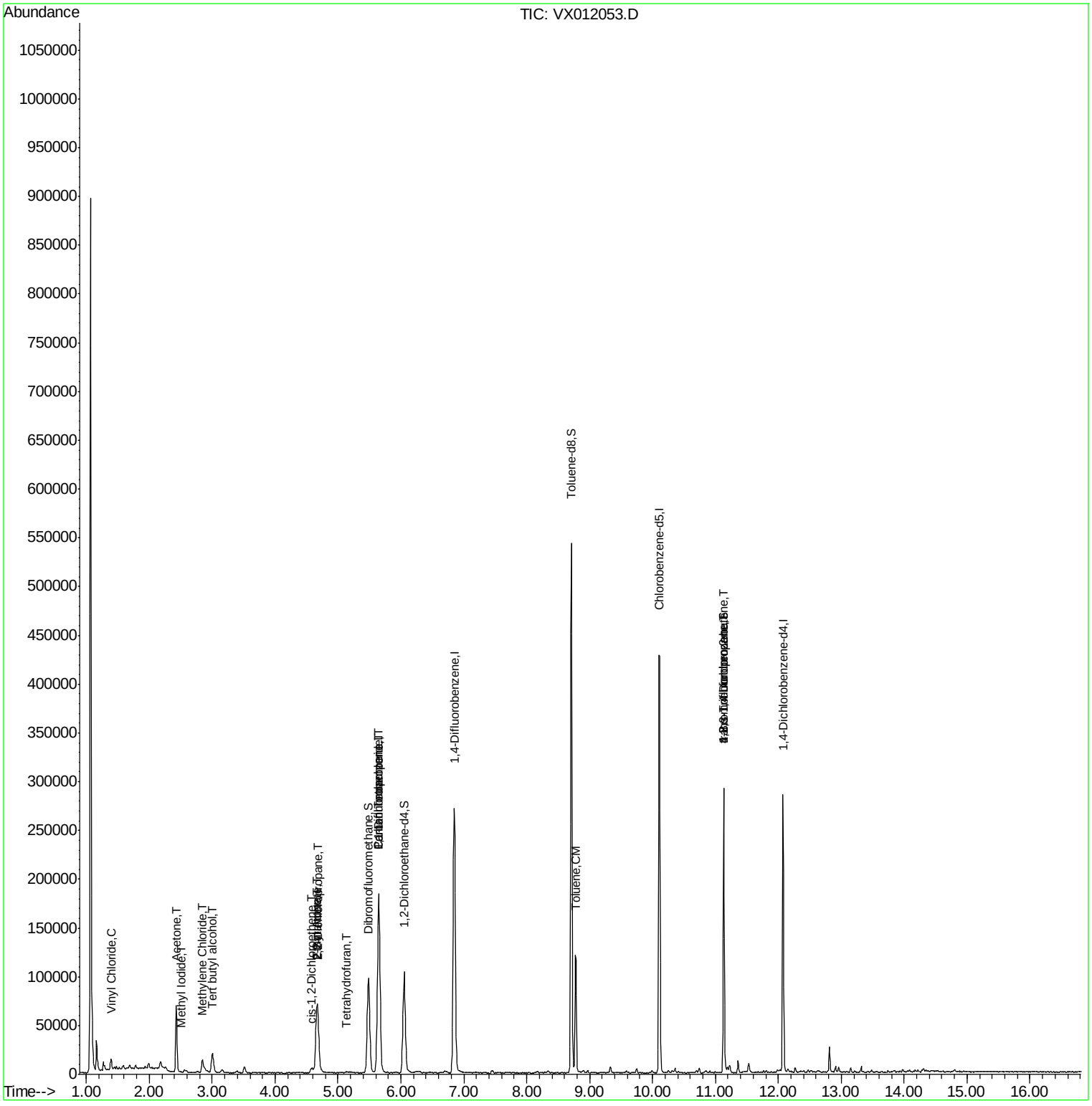
(#) = qualifier out of range (m) = manual integration (+) = signals summed

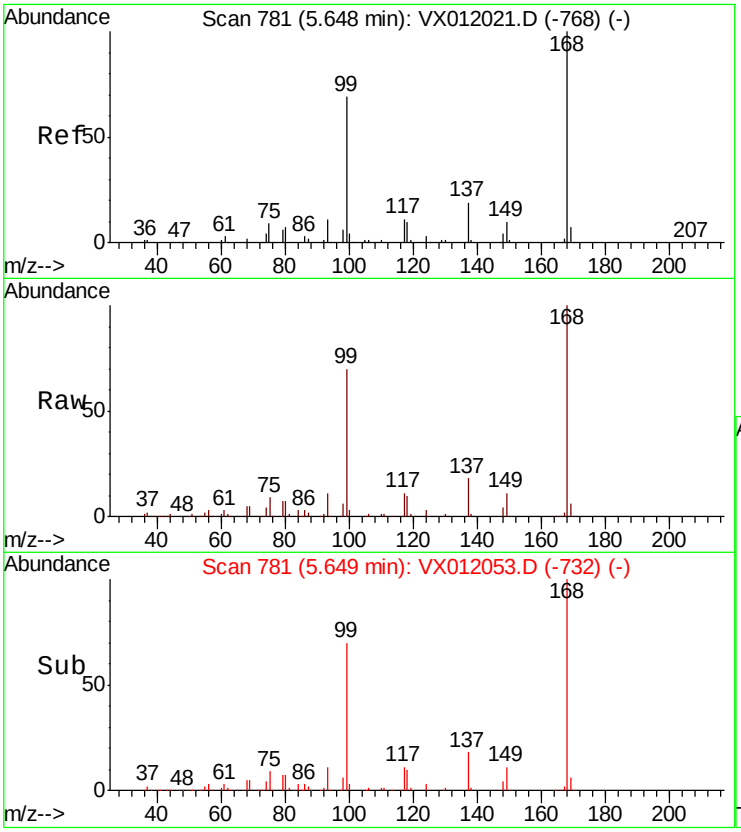
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012053.D
Acq On : 04 Sep 2019 15:48
Operator : SY/SP
Sample : K4646-10RE
Misc : 5.58g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Quant Time: Sep 04 16:09:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration



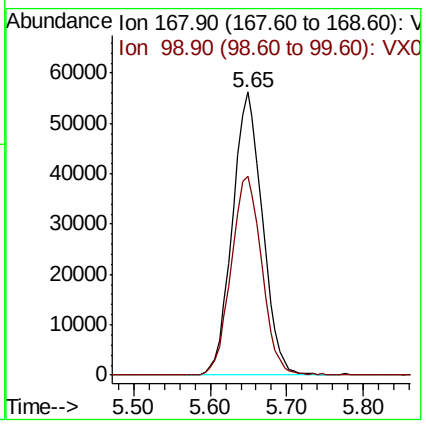


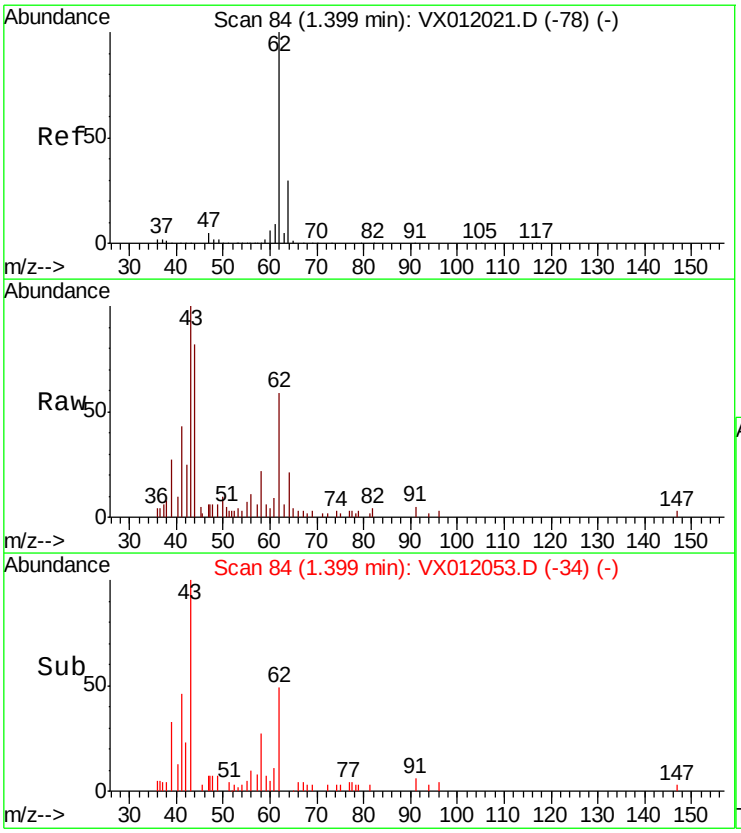
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion:168 Resp: 153517

Ion	Ratio	Lower	Upper
168	100		
99	70.5	37.6	56.4#

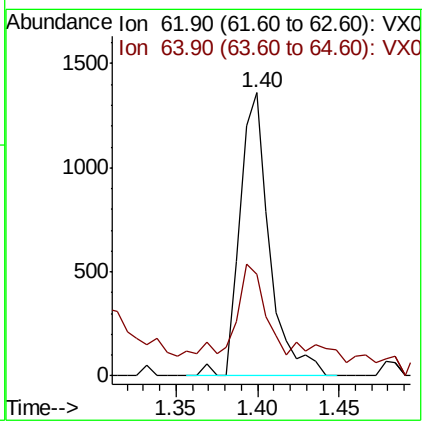


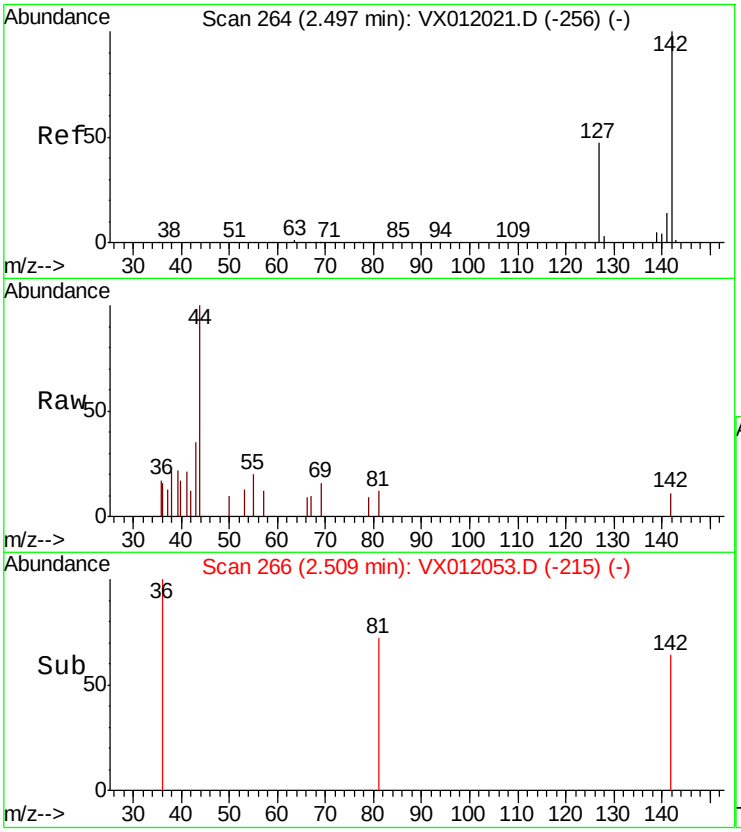


#4
Vinyl Chloride
Concen: 1.255 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 62 Resp: 1712

Ion	Ratio	Lower	Upper
62	100		
64	27.0	26.2	39.4



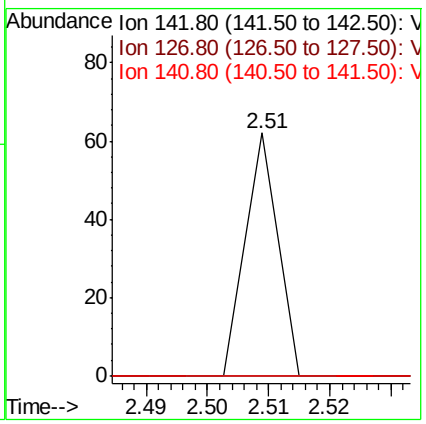


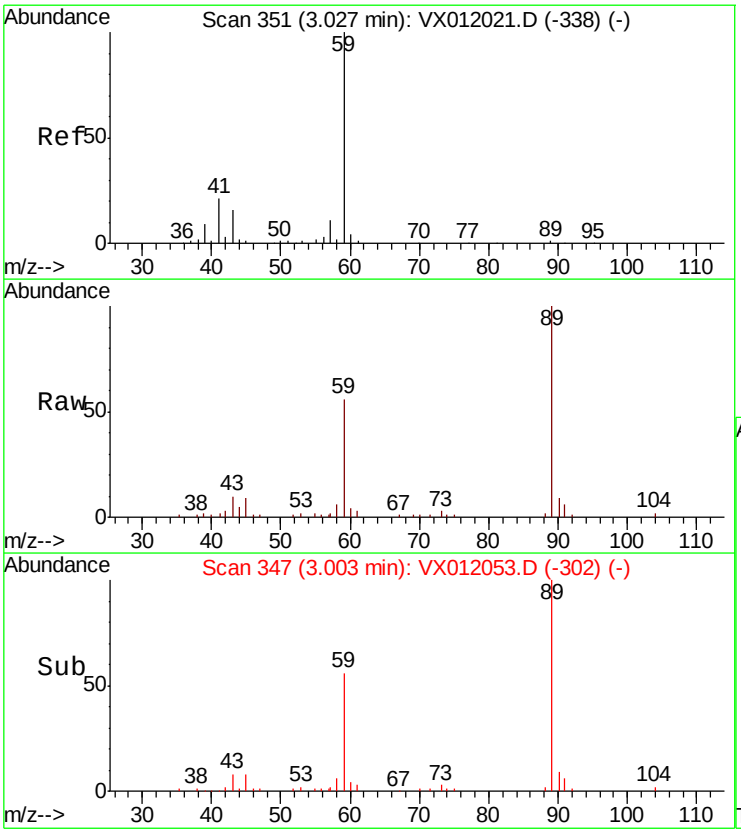
#10
Methyl Iodide
Concen: 7.001 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion:142 Resp: 23

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.4	53.2#
141	0.0	11.4	17.2#

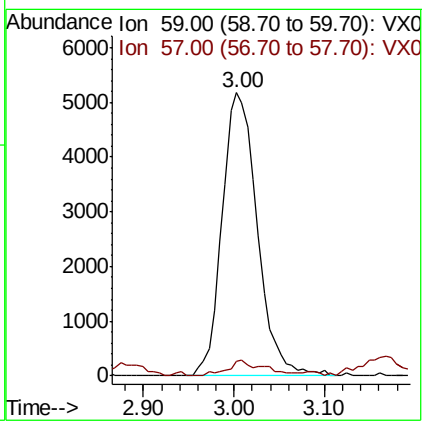


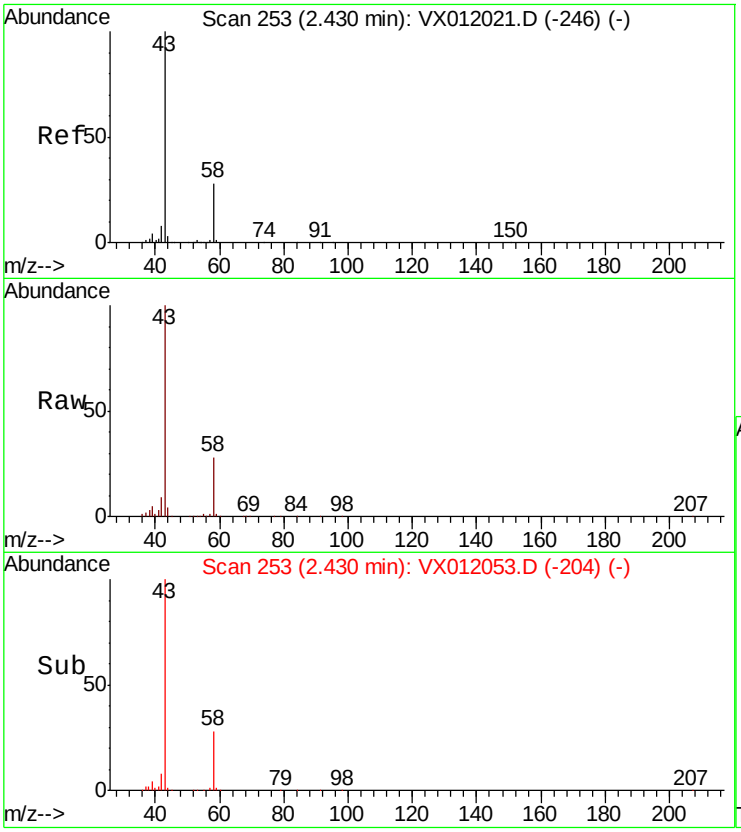


#11
Tert butyl alcohol
Concen: 68.609 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 59 Resp: 13959

Ion	Ratio	Lower	Upper
59	100		
57	3.5	7.9	11.9#



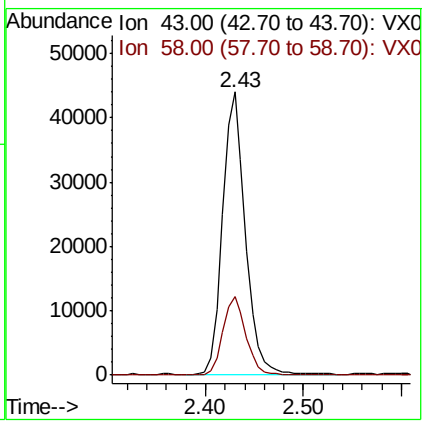


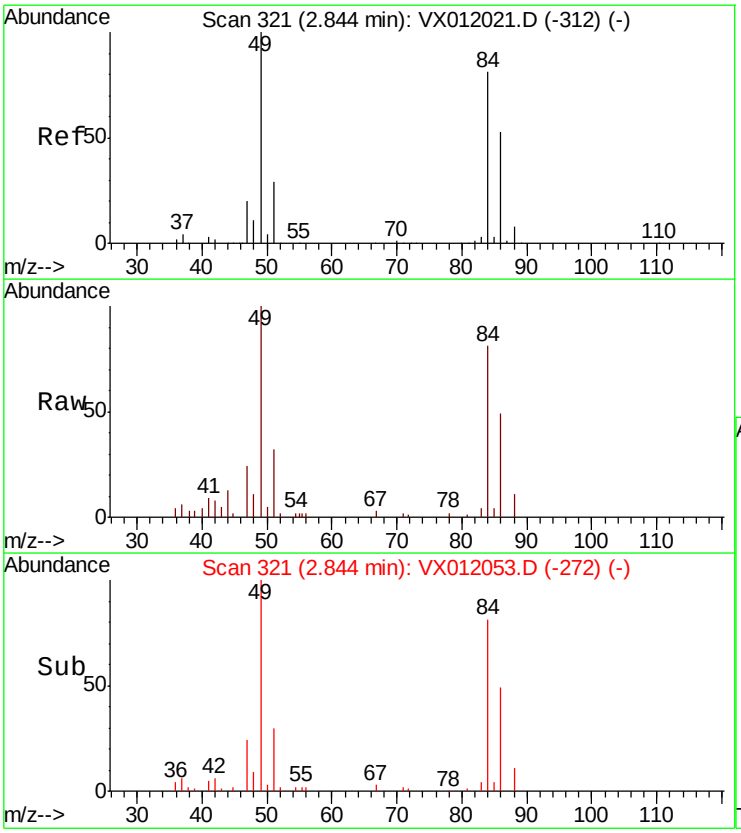
#16
Acetone
Concen: 138.763 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 43 Resp: 70256

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.8	34.2

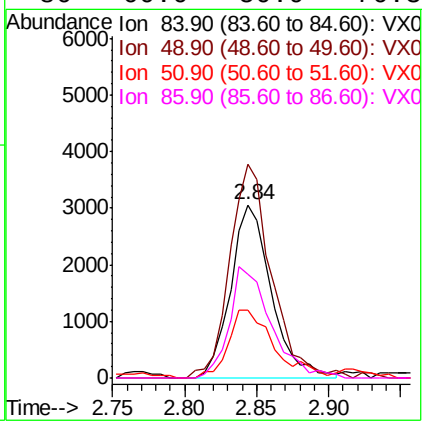


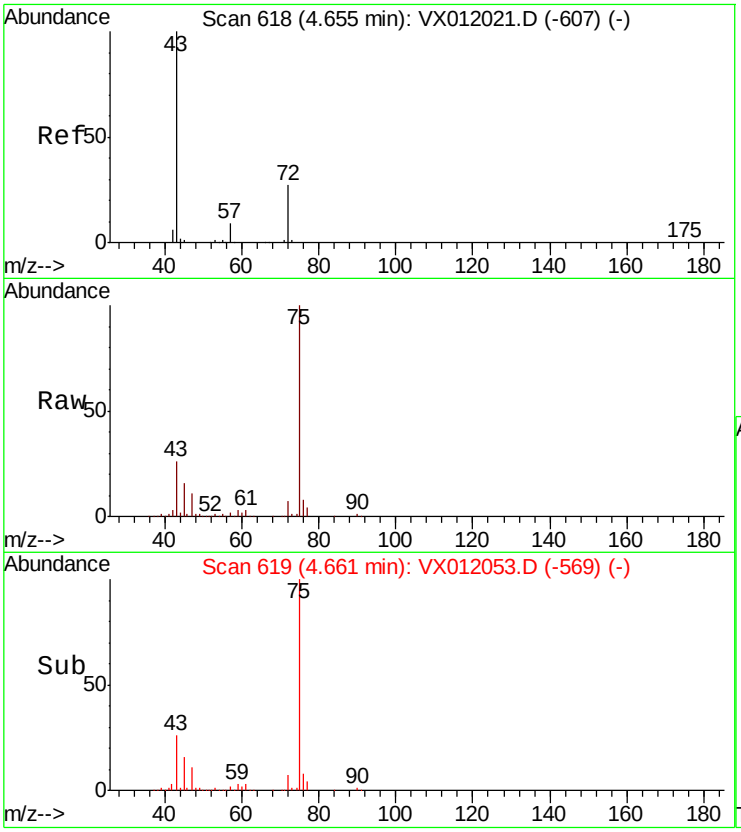


#20
Methylene Chloride
Concen: 2.959 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 84 Resp: 6016

Ion	Ratio	Lower	Upper
84	100		
49	123.3	95.8	143.8
51	39.2	28.6	43.0
86	60.0	50.9	76.3



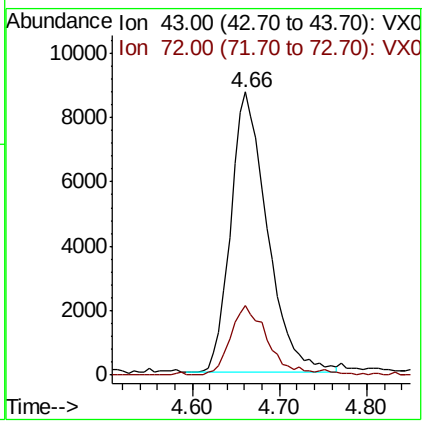


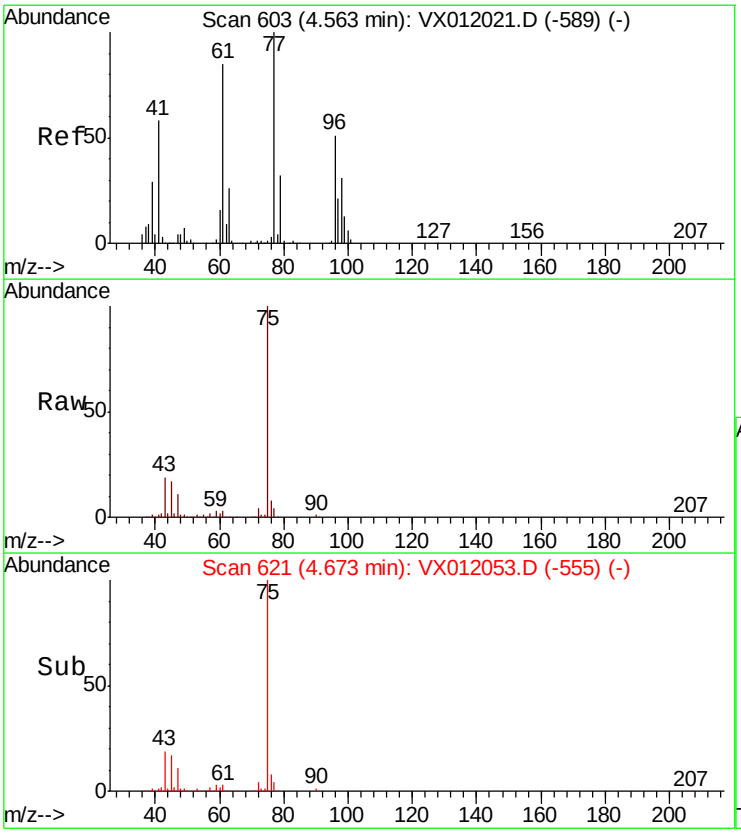
#25
2-Butanone
Concen: 39.238 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 43 Resp: 25288

Ion	Ratio	Lower	Upper
43	100		
72	25.0	21.3	31.9

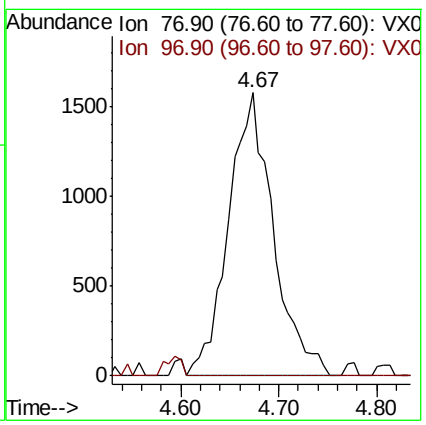


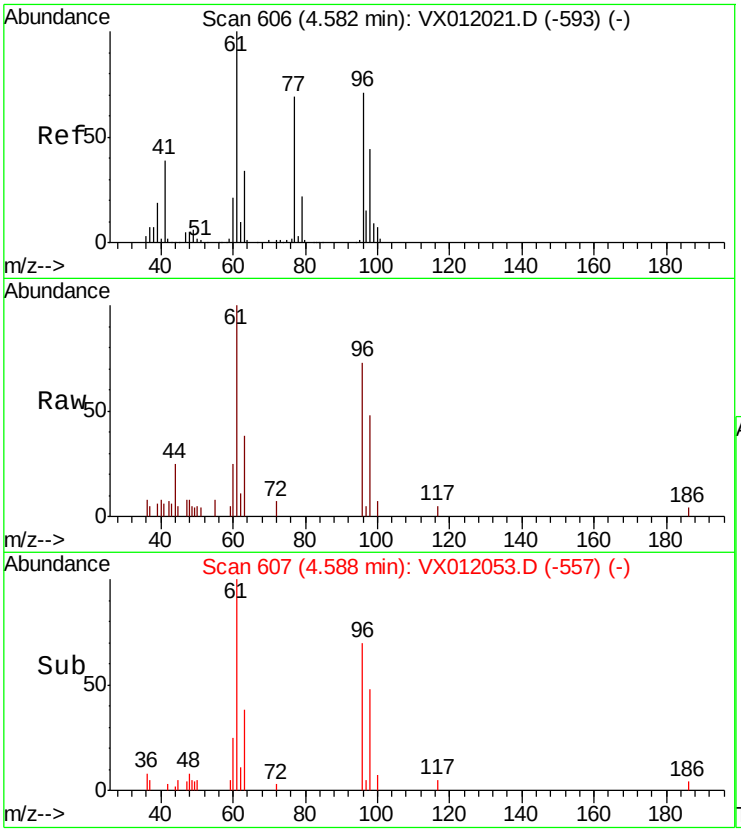


#26
2,2-Dichloropropane
Concen: 1.679 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.10 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 77 Resp: 5012

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.5	34.5#



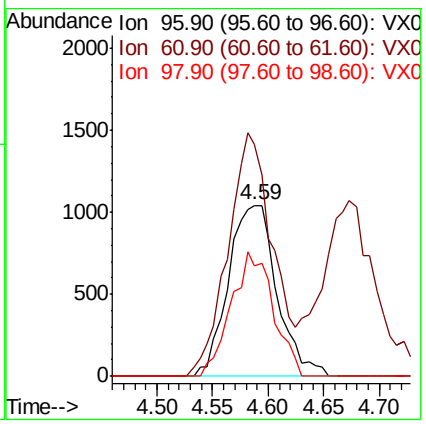


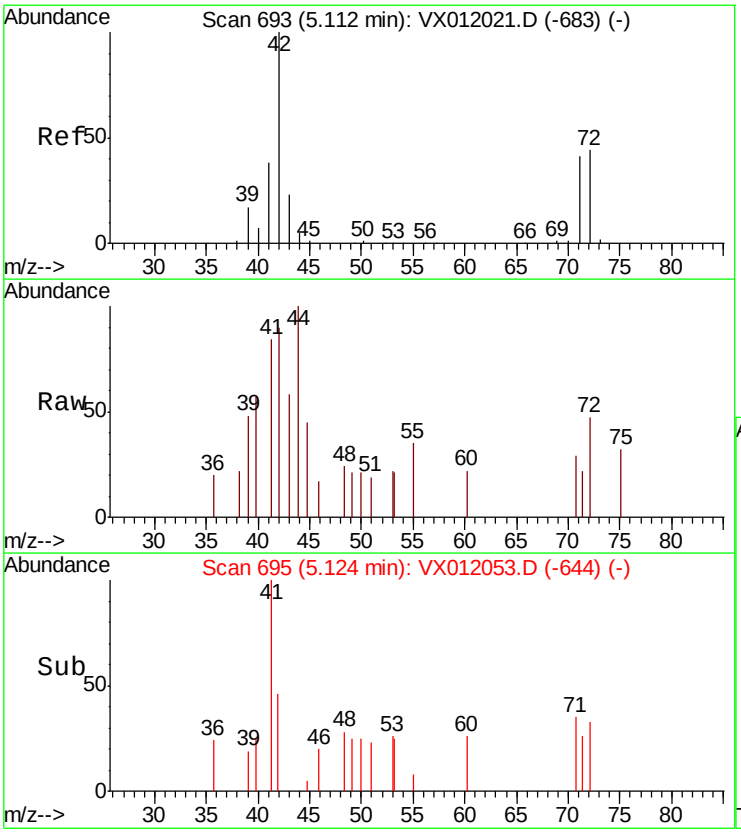
#27
cis-1,2-Dichloroethene
Concen: 1.519 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 96 Resp: 3159

Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	277.0
98	63.0	0.0	128.4

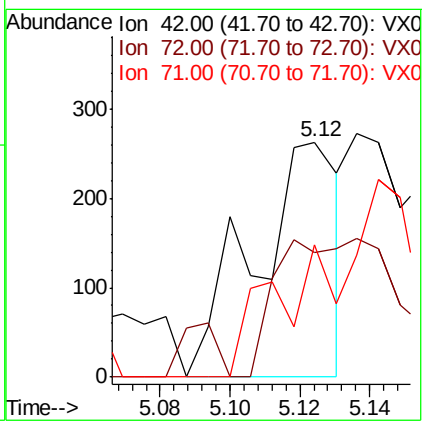


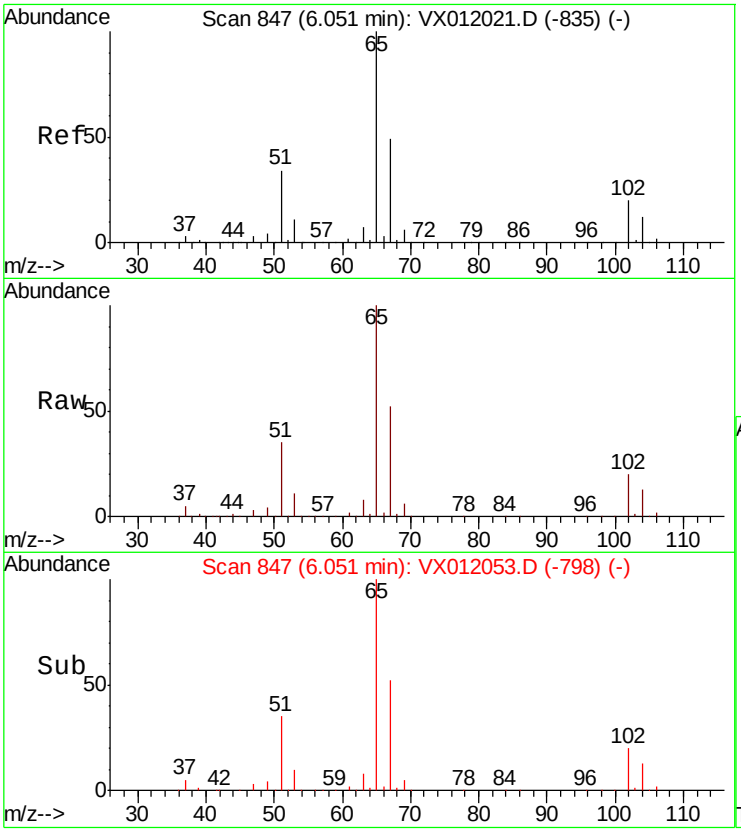


#29
Tetrahydrofuran
Concen: 1.136 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 42 Resp: 441

Ion	Ratio	Lower	Upper
42	100		
72	82.1	37.0	55.4#
71	77.1	33.8	50.8#



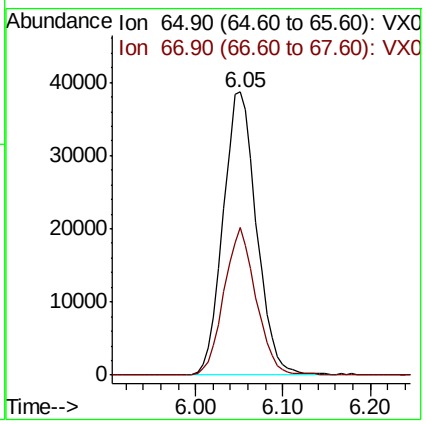


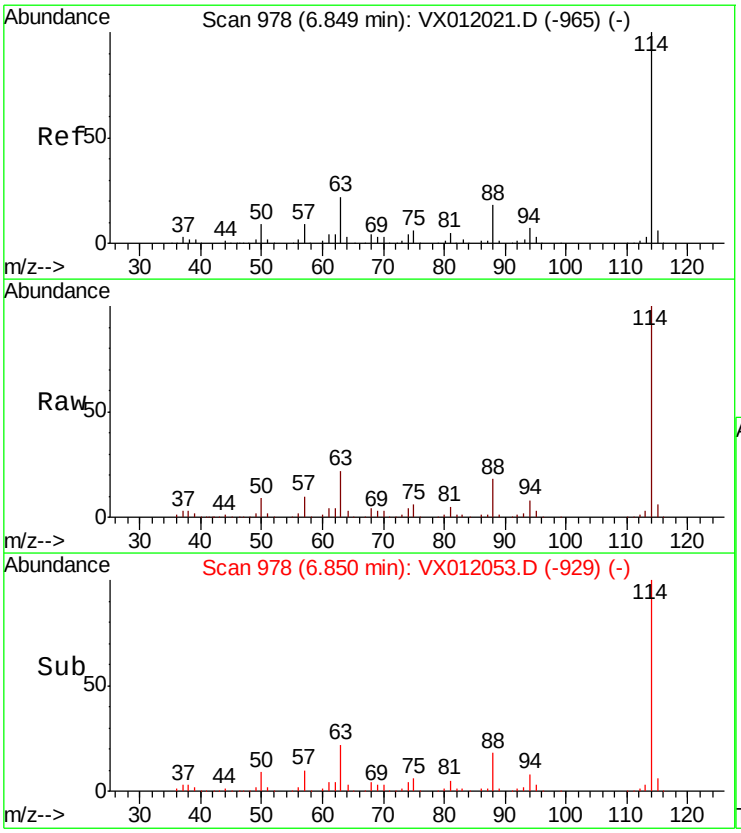
#33
1,2-Dichloroethane-d4
Concen: 48.637 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 65 Resp: 103025

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.0

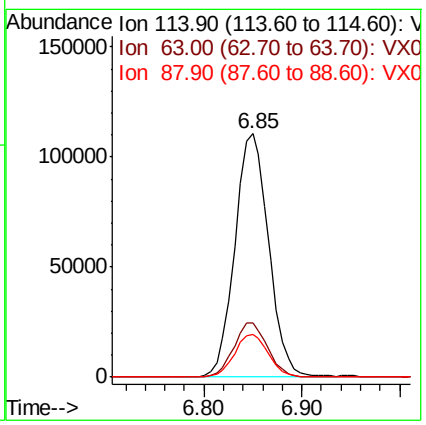


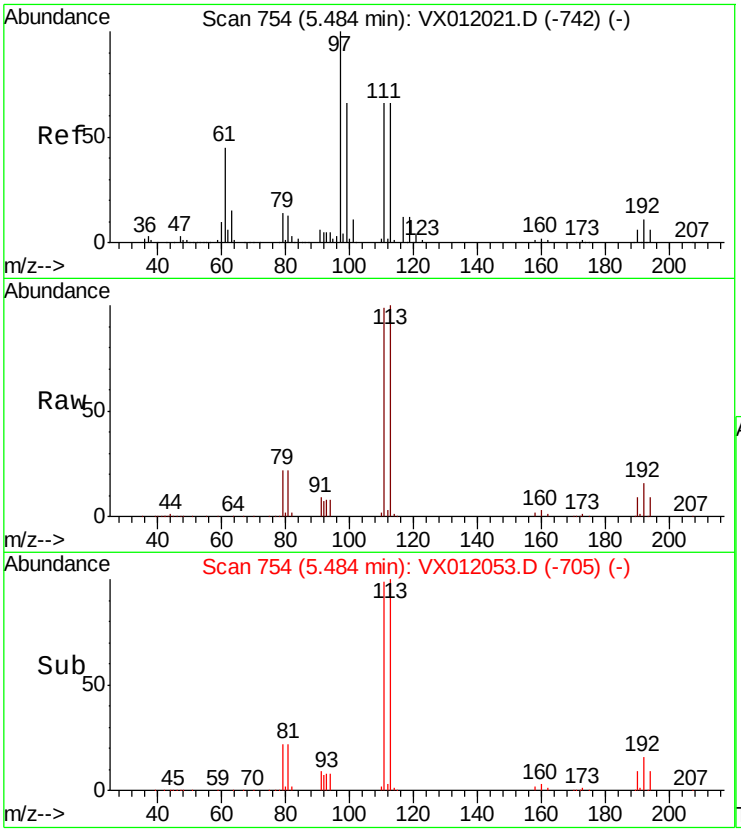


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion:114 Resp: 264673

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	37.4
88	17.6	0.0	29.6



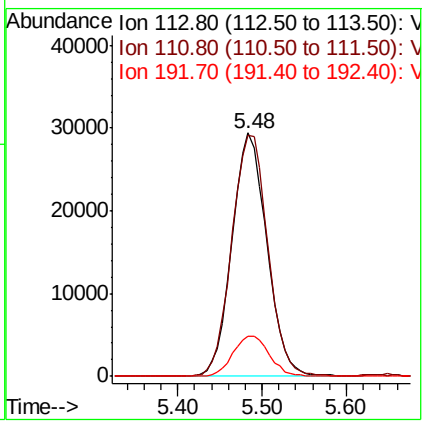


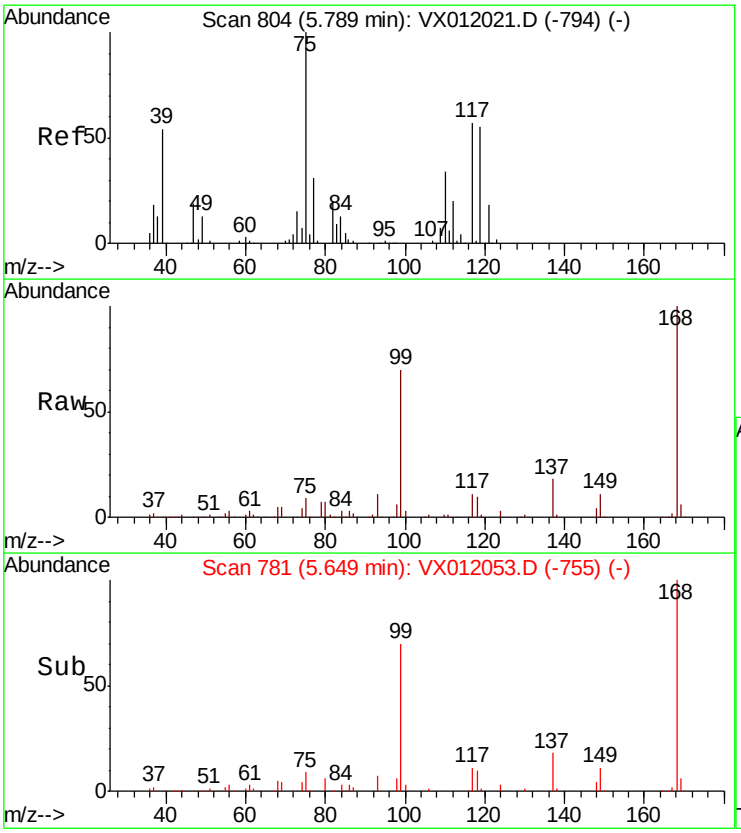
#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion:113 Resp: 82334

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	17.2	22.5	33.7#

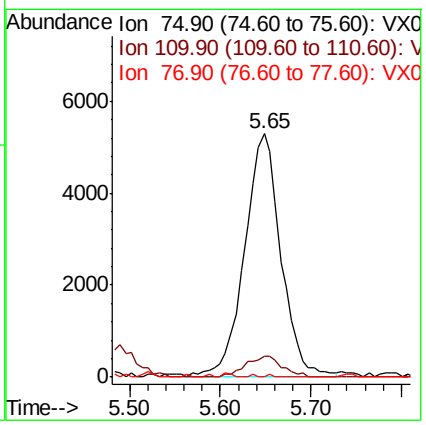


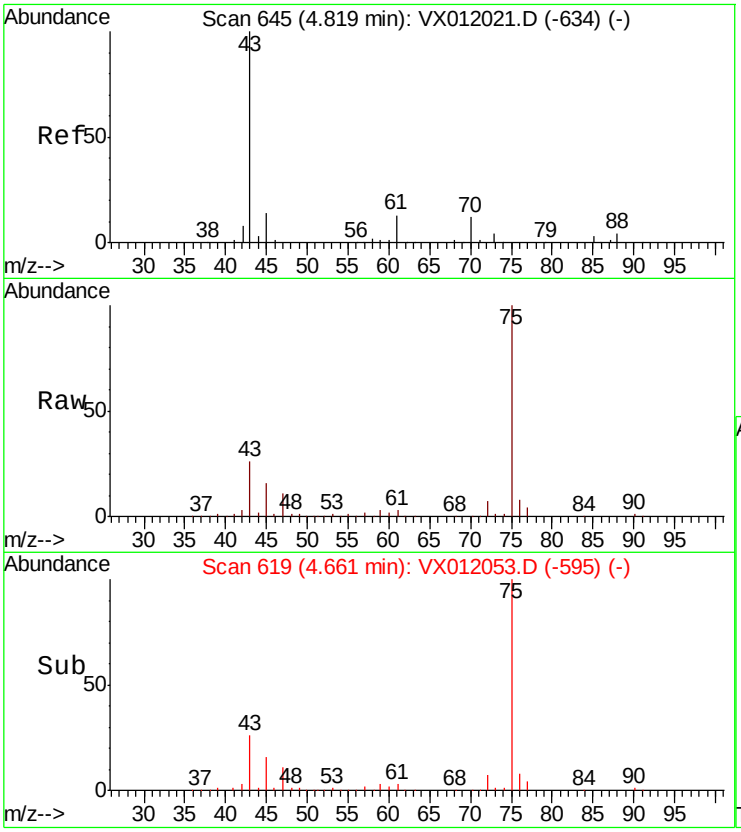


#36
1,1-Dichloropropene
Concen: 6.287 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 75 Resp: 14656

Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.5	58.5#
77	0.1	24.6	37.0#



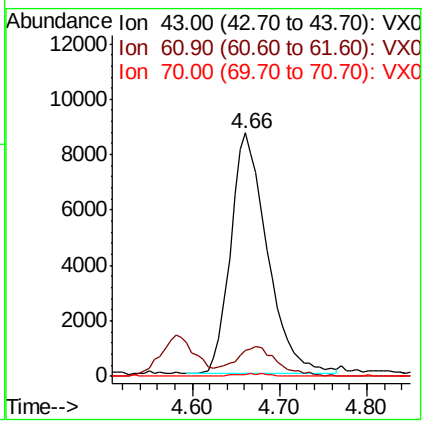


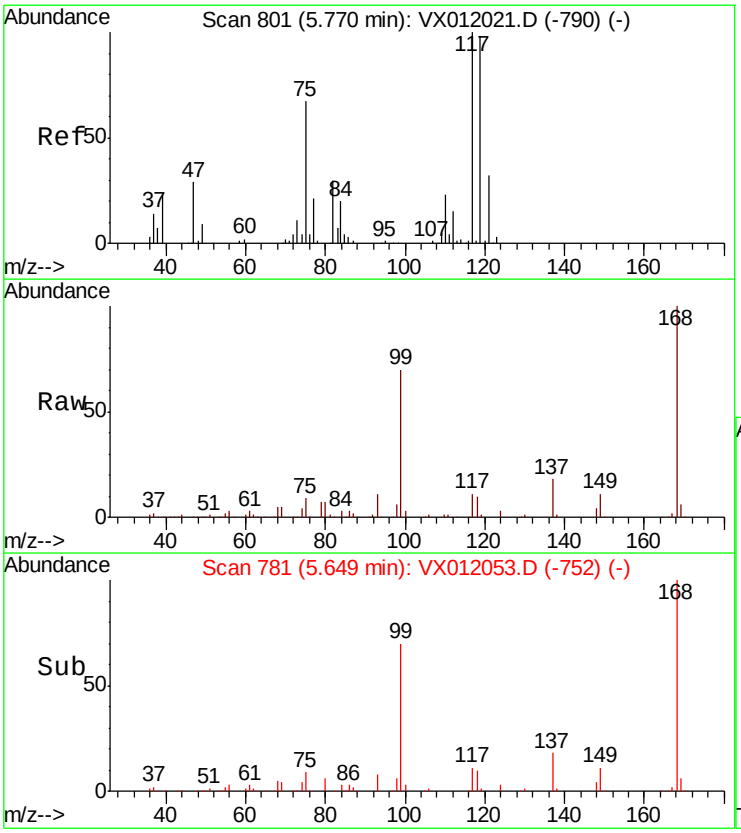
#37
Ethyl Acetate
Concen: 19.949 ug/l
RT: 4.66 min Scan# 619
Delta R.T. -0.15 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 43 Resp: 25288

Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	0.9	9.4	14.0#

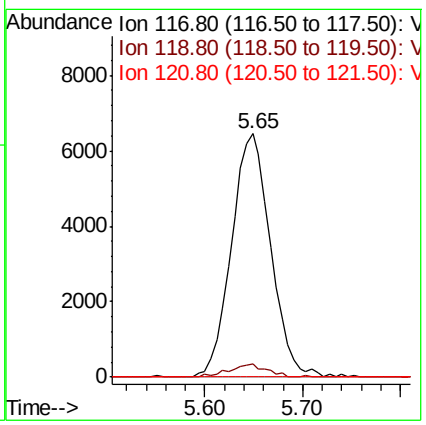


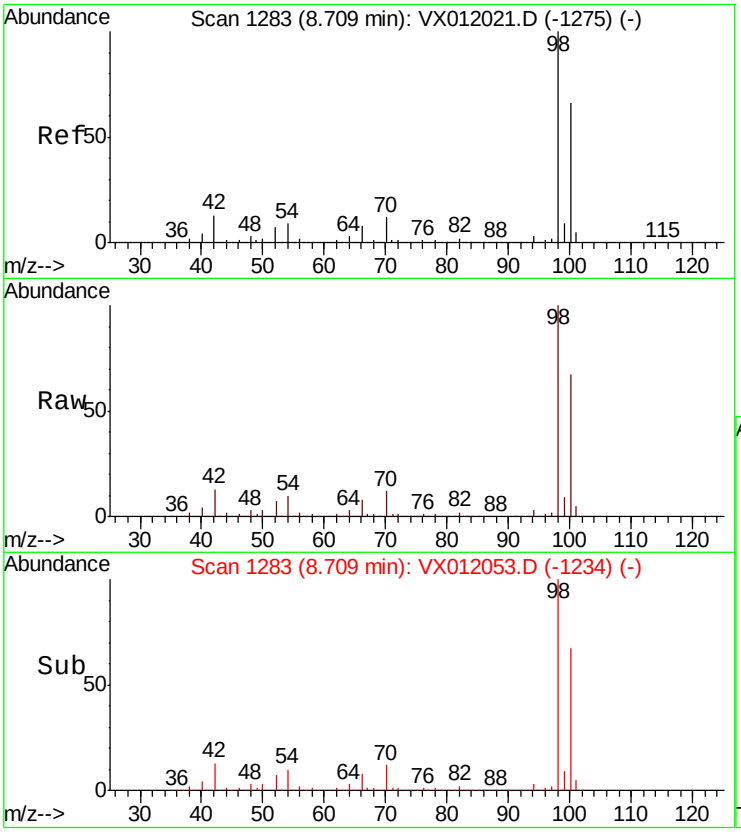


#38
Carbon Tetrachloride
Concen: 7.298 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion:117 Resp: 17926

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.3	117.5#
121	0.0	24.2	36.2#



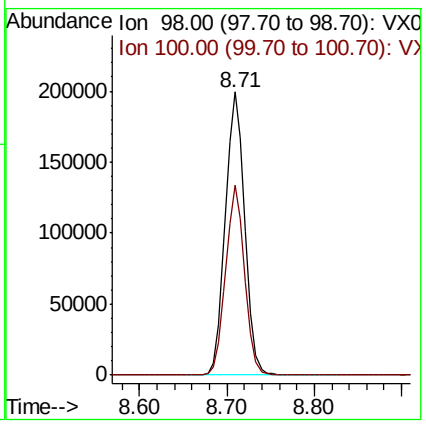


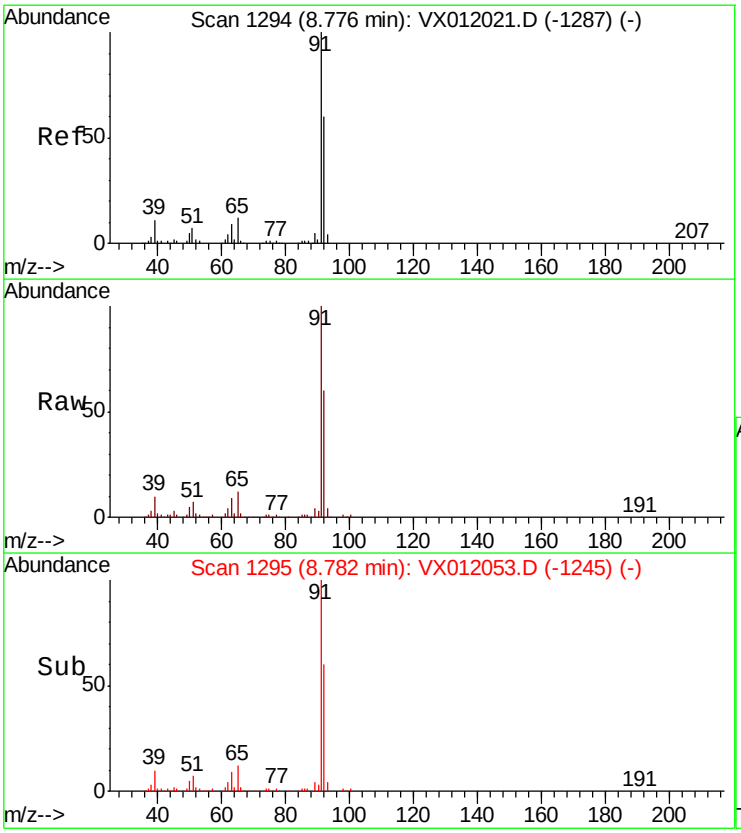
#50
Toluene-d8
Concen: 51.446 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 98 Resp: 307273

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.3	79.9

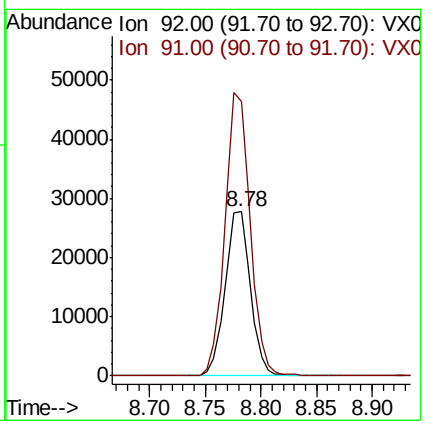


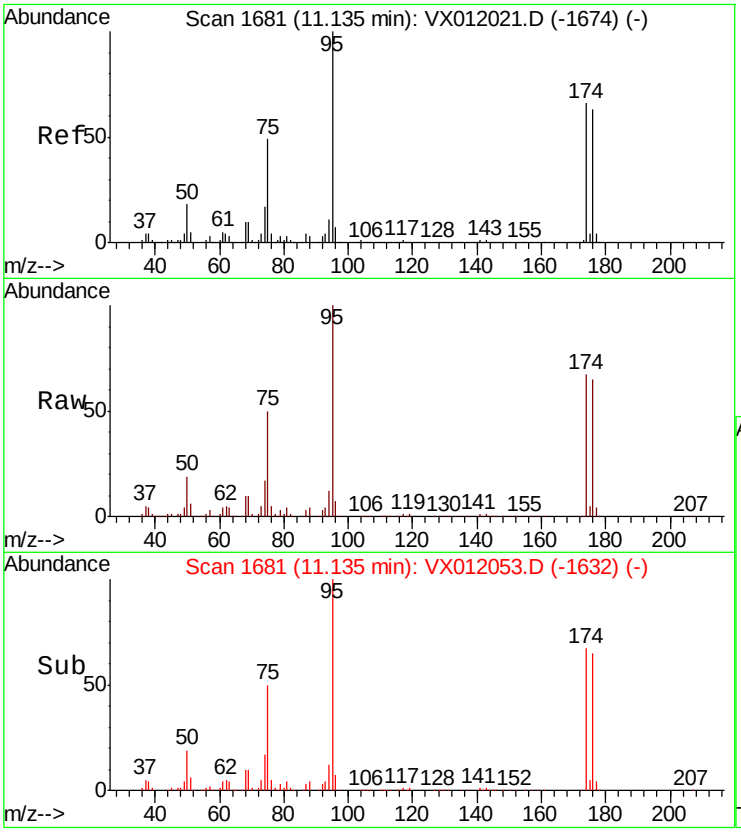


#52
Toluene
Concen: 10.036 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 92 Resp: 43701

Ion	Ratio	Lower	Upper
92	100		
91	171.4	136.0	204.0



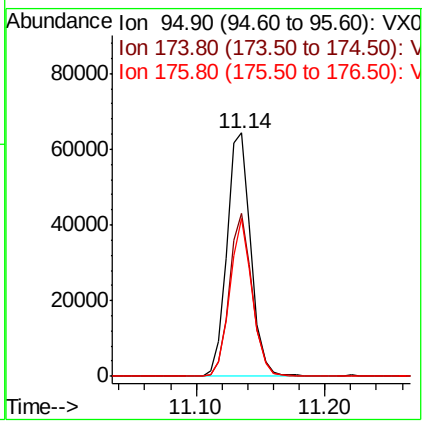


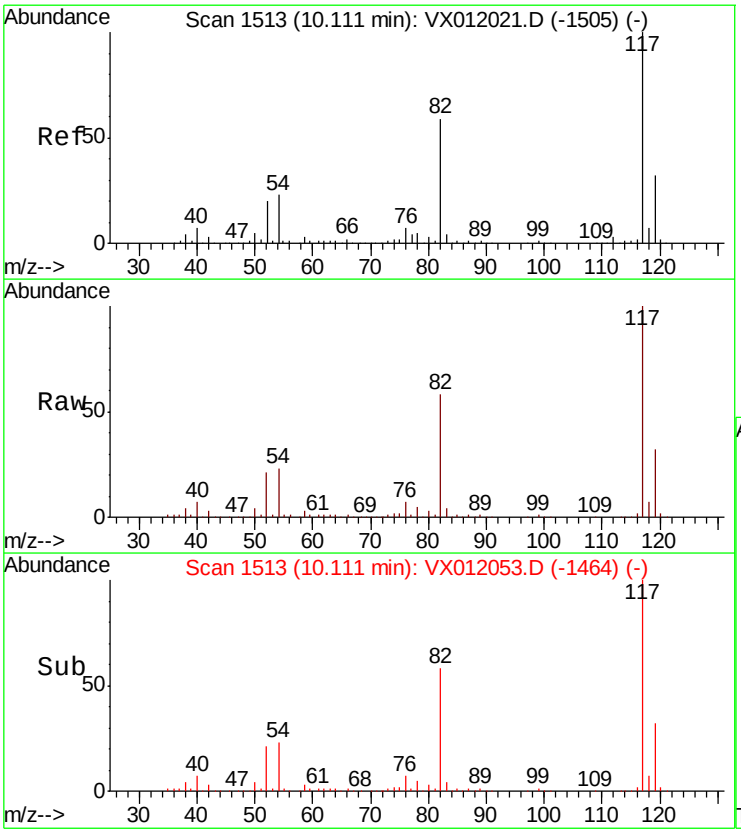
#62
4-Bromofluorobenzene
Concen: 30.160 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 95 Resp: 83774

Ion	Ratio	Lower	Upper
95	100		
174	63.9	0.0	205.4
176	60.4	0.0	201.8

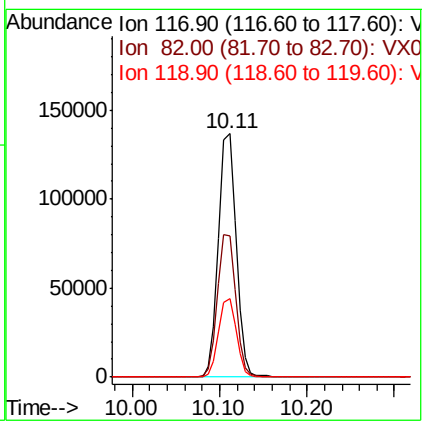


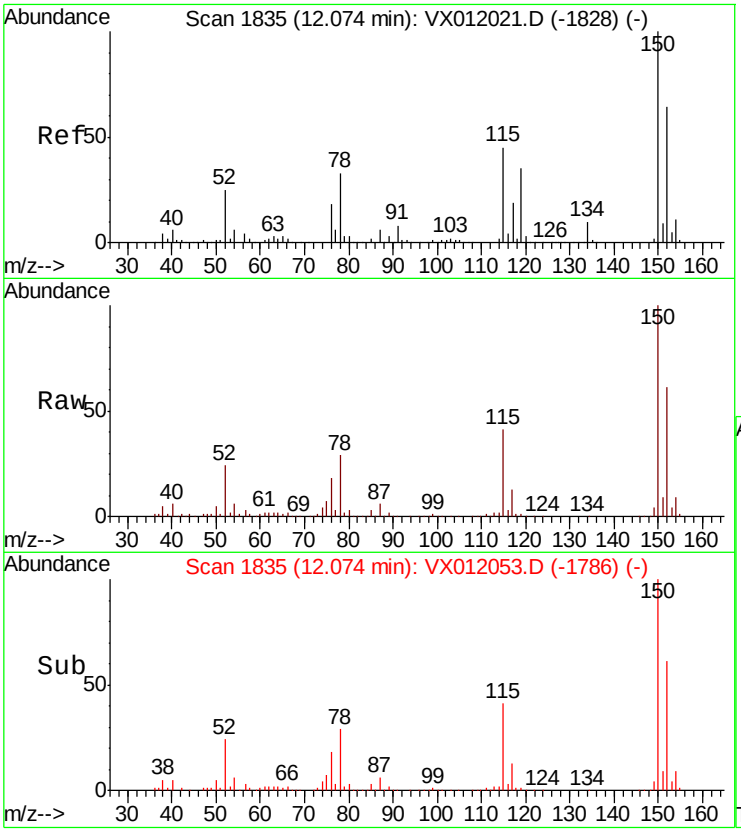


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion:117 Resp: 192887

Ion	Ratio	Lower	Upper
117	100		
82	58.1	39.4	59.0
119	32.1	26.1	39.1



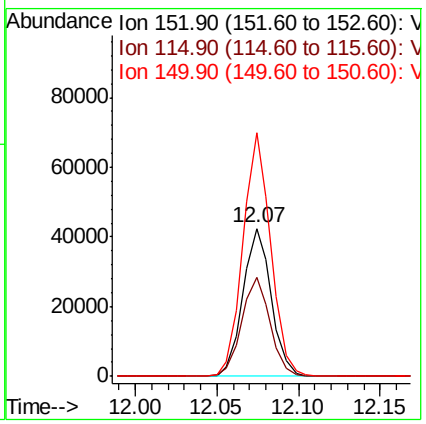


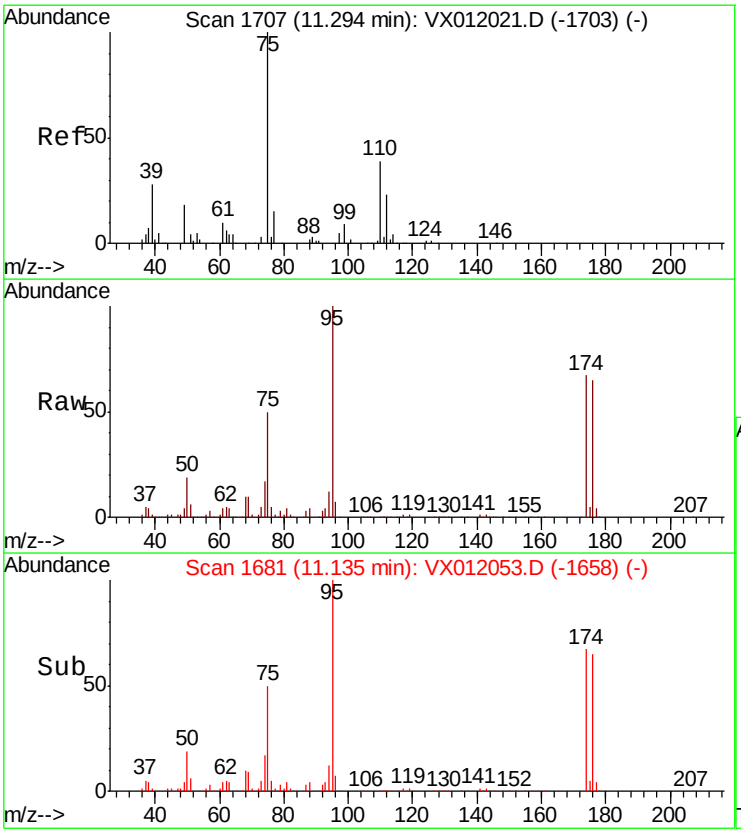
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion:152 Resp: 51553

Ion	Ratio	Lower	Upper
152	100		
115	67.1	36.4	109.3
150	161.1	0.0	341.2

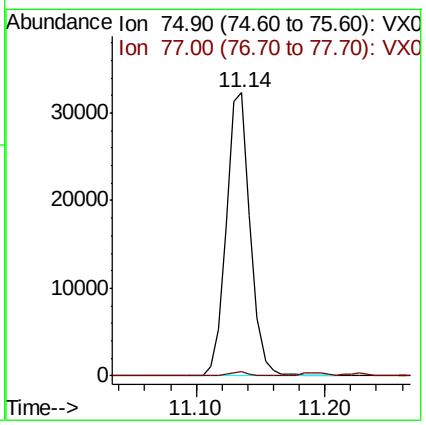


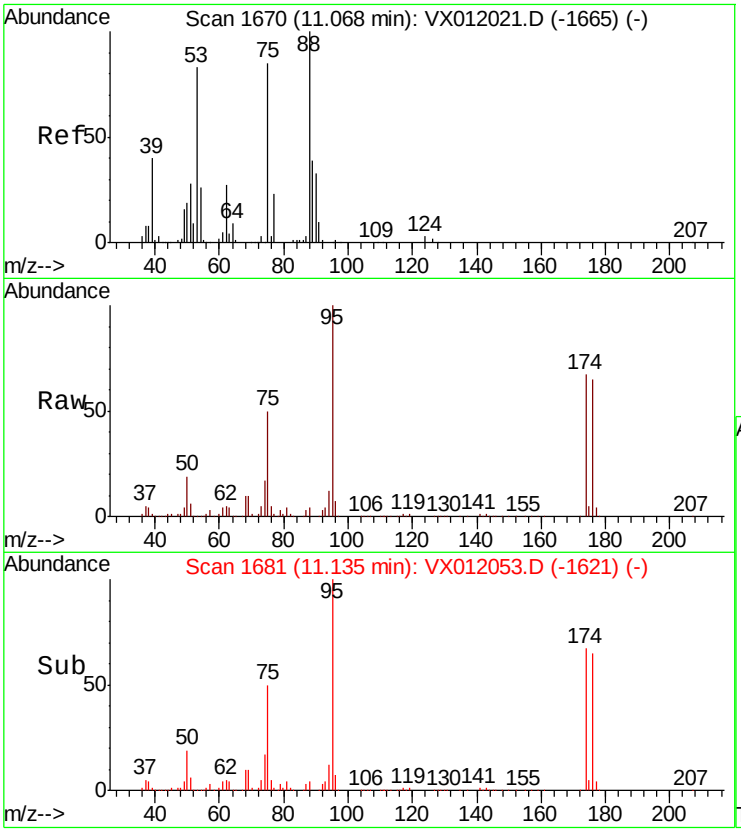


#76
1,2,3-Trichloropropane
Concen: 67.028 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Tgt Ion: 75 Resp: 42221

Ion	Ratio	Lower	Upper
75	100		
77	1.5	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 158.465 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012053.D
Acq: 04 Sep 2019 15:48

Instrument :
MSVOA_X
ClientSampleId :
S602B-M-1.0-1.5-083019RE

Tgt Ion: 75 Resp: 42221

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.6	117.8#
89	0.0	38.8	58.2#