Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009223.D
Acq On : 29 Apr 2019 21:26
Operator : JC/SP
Sample : K2594-19 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP021MW347-190425

Quant Time: Apr 30 07:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	211389	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	342624	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	300825	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129743	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	138744	48.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.16%				
35) Dibromofluoromethane	5.49	113	102751	47.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.42%				
50) Toluene-d8	8.71	98	428553	49.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.56%				
62) 4-Bromofluorobenzene	11.13	95	145677	46.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.20%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	29643	11.430	ug/l		98
5) Bromomethane	1.64	94	658	0.423	ug/l		93
11) Tert butyl alcohol	3.01	59	264	0.395	ug/l		95
12) 1,1-Dichloroethene	2.37	96	1767	0.891	ug/l	#	87
13) Acrolein	2.29	56	133	0.220	ug/l	#	58
16) Acetone	2.45	43	1133	0.731	ug/l		89
21) trans-1,2-Dichloroethene	3.17	96	1948	0.906	ug/l		98
24) 1,1-Dichloroethane	3.70	63	1039	0.227	ug/l	#	79
27) cis-1,2-Dichloroethene	4.60	96	237603	92.542	ug/l		89
28) Bromochloromethane	5.00	49	80	Below Cal		#	20
29) Tetrahydrofuran	5.14	42	318	0.205	ug/l		96
36) 1,1-Dichloropropene	5.66	75	16235	5.099	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	19772	6.835	ug/l	#	16
44) Trichloroethene	7.21	130	55771	23.411	ug/l		93
49) 1,4-Dioxane	7.60	88	20	0.280	ug/l	#	1
65) Chlorobenzene	10.14	112	8088	1.344	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	73439	24.402	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	73439	62.435	ug/l	#	10
91) 1,2-Dichlorobenzene	12.40	146	907	0.213	ug/l		95

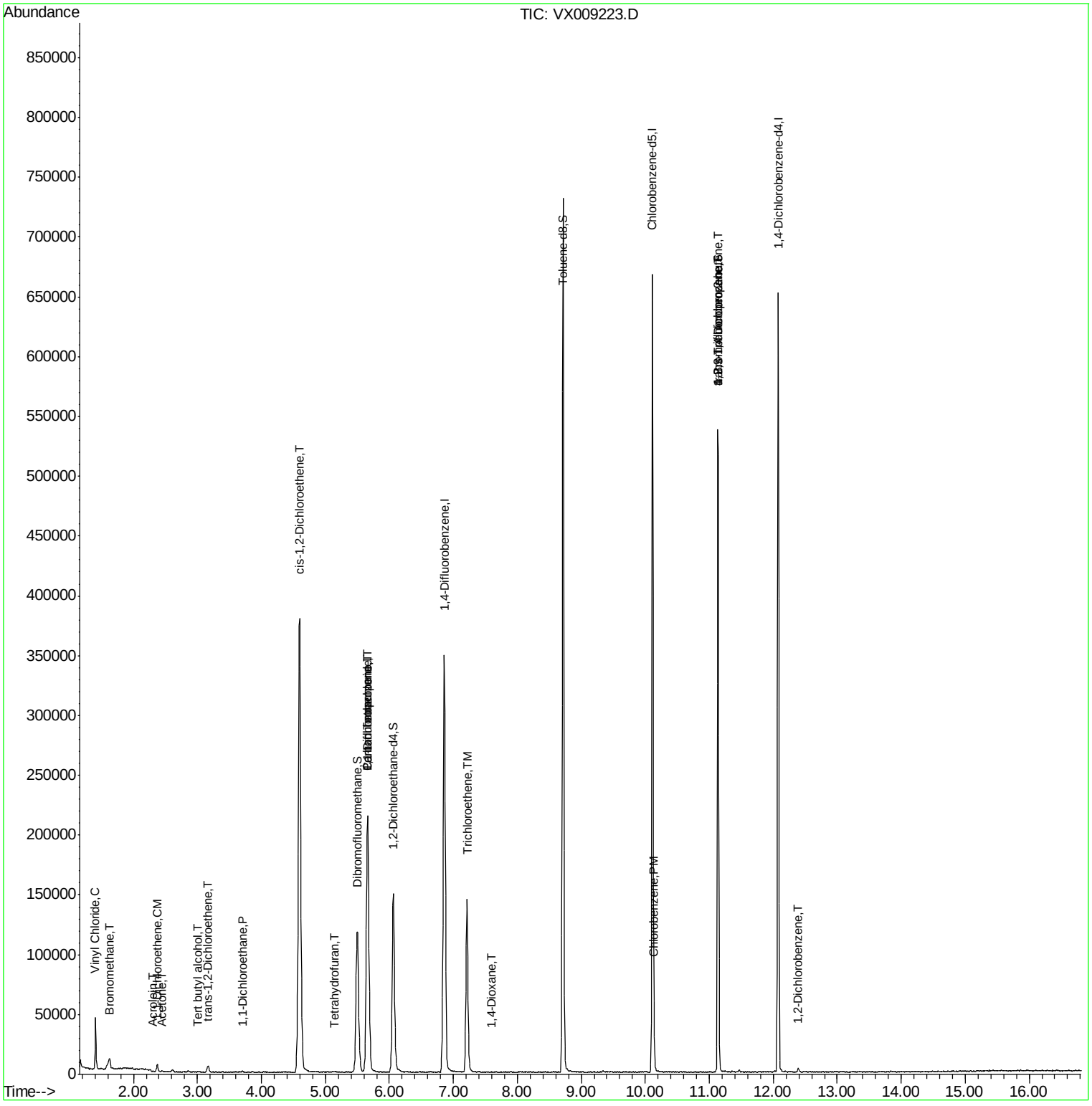
(#) = qualifier out of range (m) = manual integration (+) = signals summed

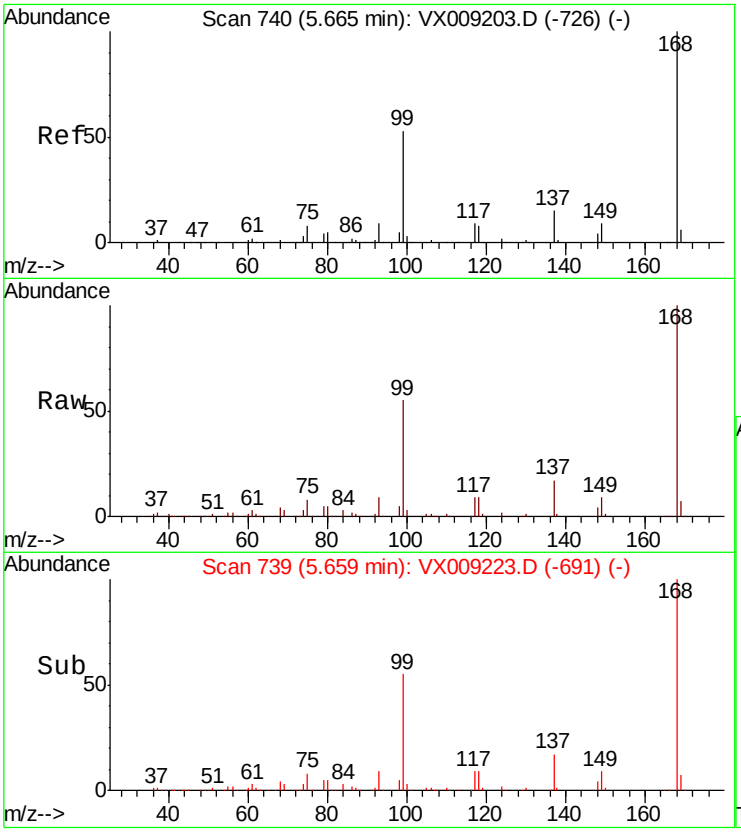
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009223.D
Acq On : 29 Apr 2019 21:26
Operator : JC/SP
Sample : K2594-19 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Quant Time: Apr 30 07:21:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration



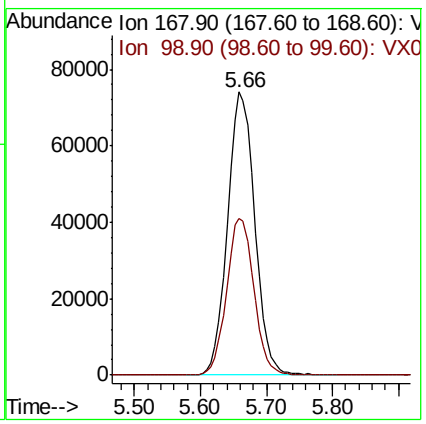


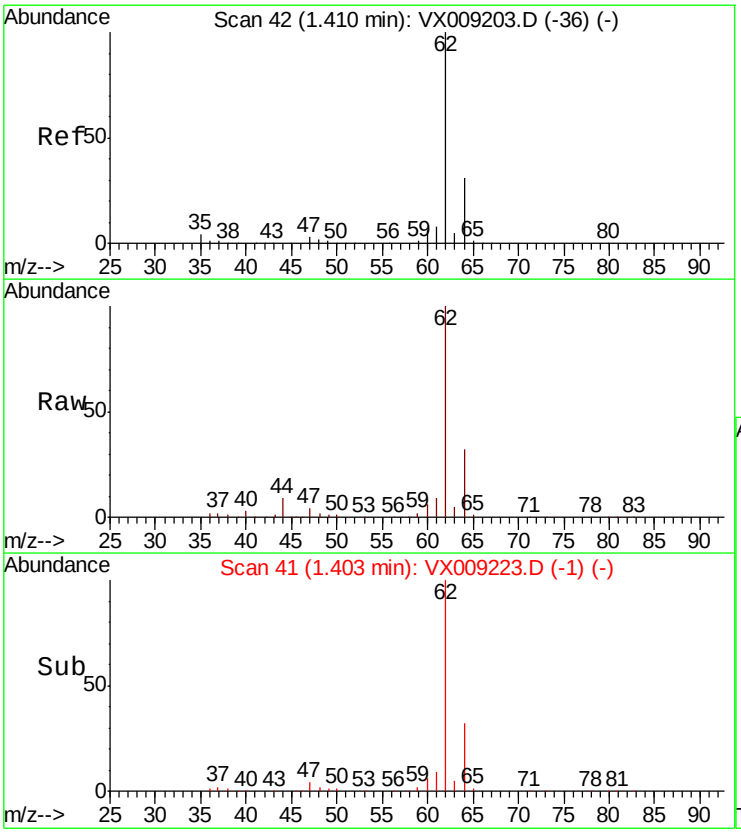
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion:168 Resp: 211389

Ion	Ratio	Lower	Upper
168	100		
99	55.2	42.3	63.5

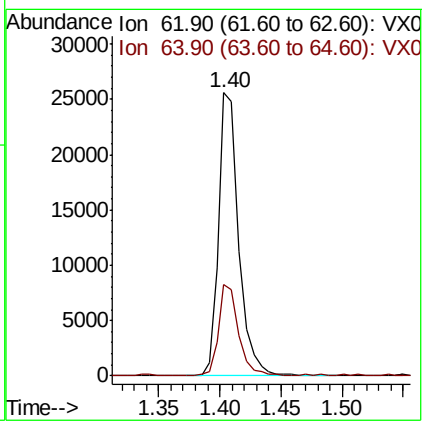


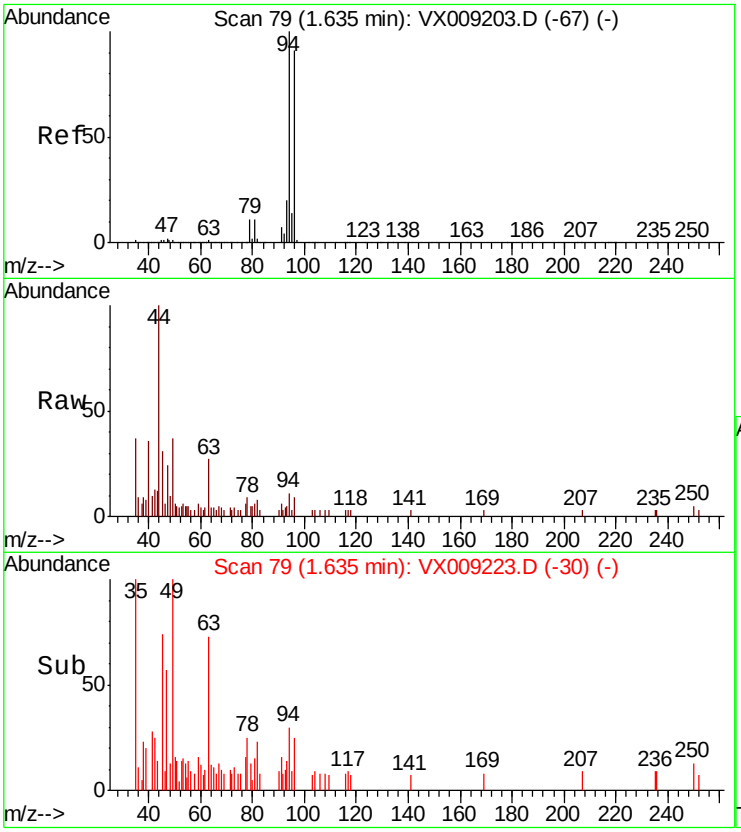


#4
Vinyl Chloride
Concen: 11.430 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 62 Resp: 29643

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.6	36.8



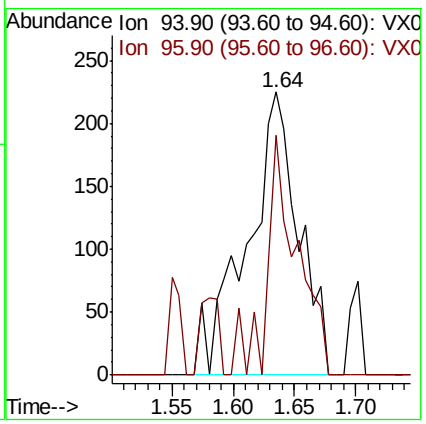


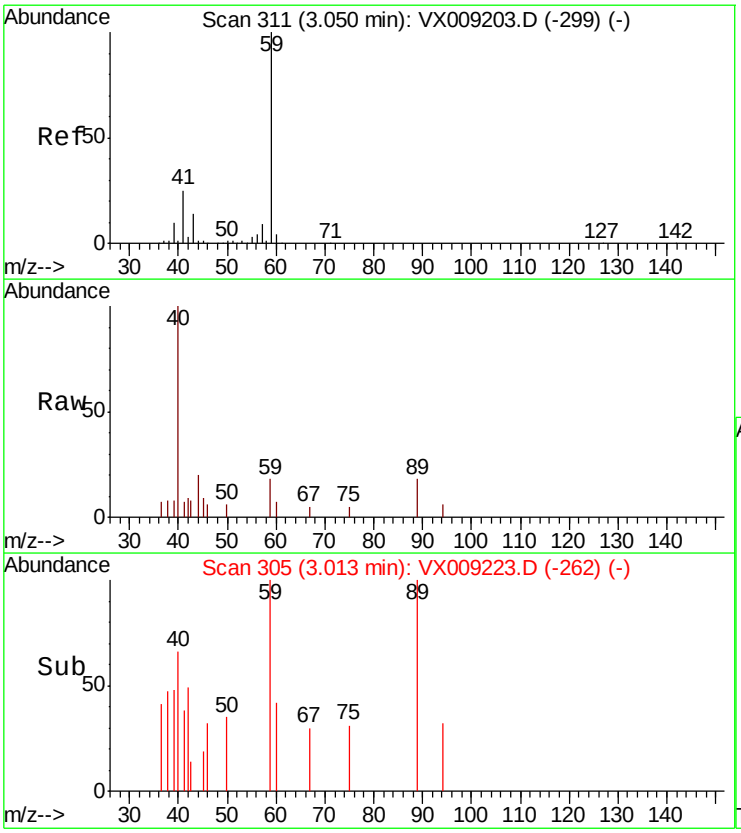
#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 94 Resp: 658

Ion	Ratio	Lower	Upper
94	100		
96	84.9	73.0	109.6

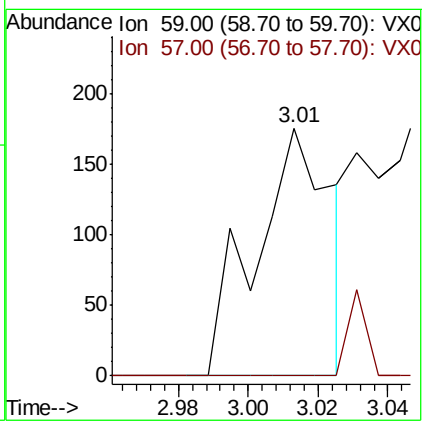


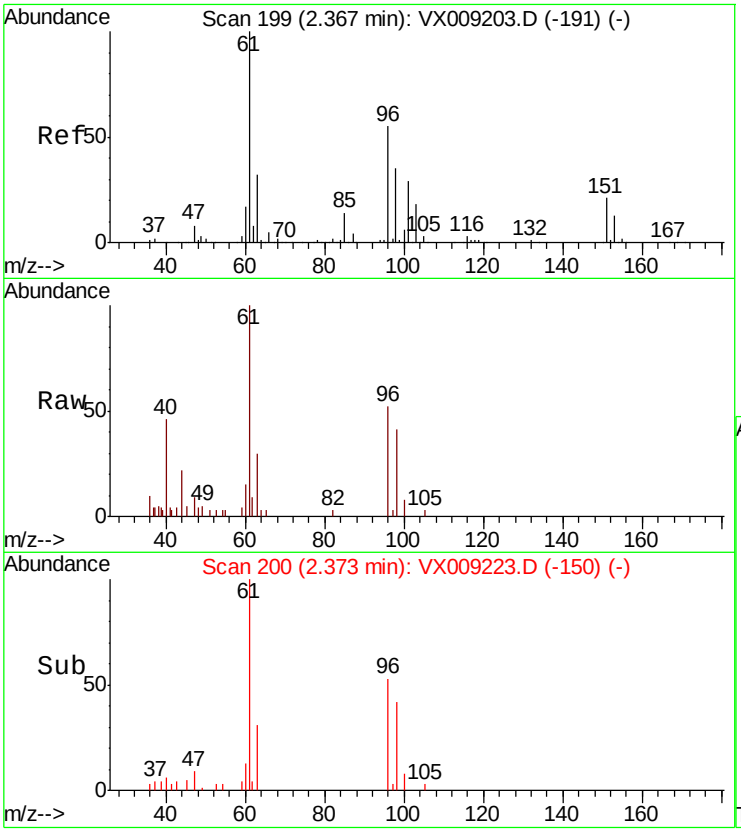


#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 59 Resp: 264

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.2	12.2



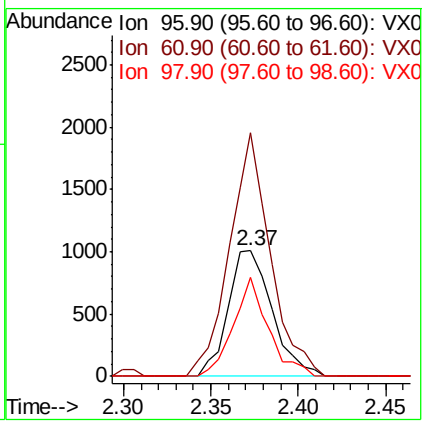


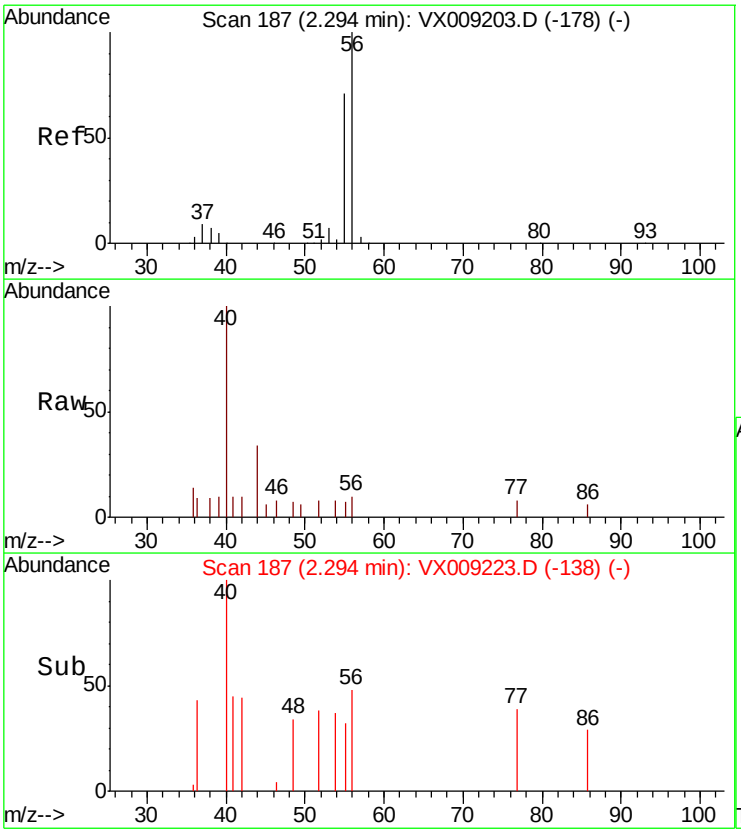
#12
1,1-Dichloroethene
Concen: 0.891 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 96 Resp: 1767

Ion	Ratio	Lower	Upper
96	100		
61	194.0	144.3	216.5
98	79.1	50.3	75.5#

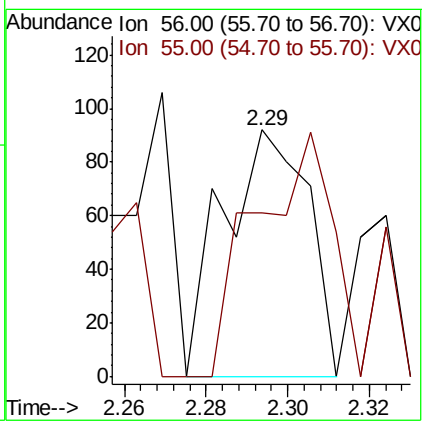


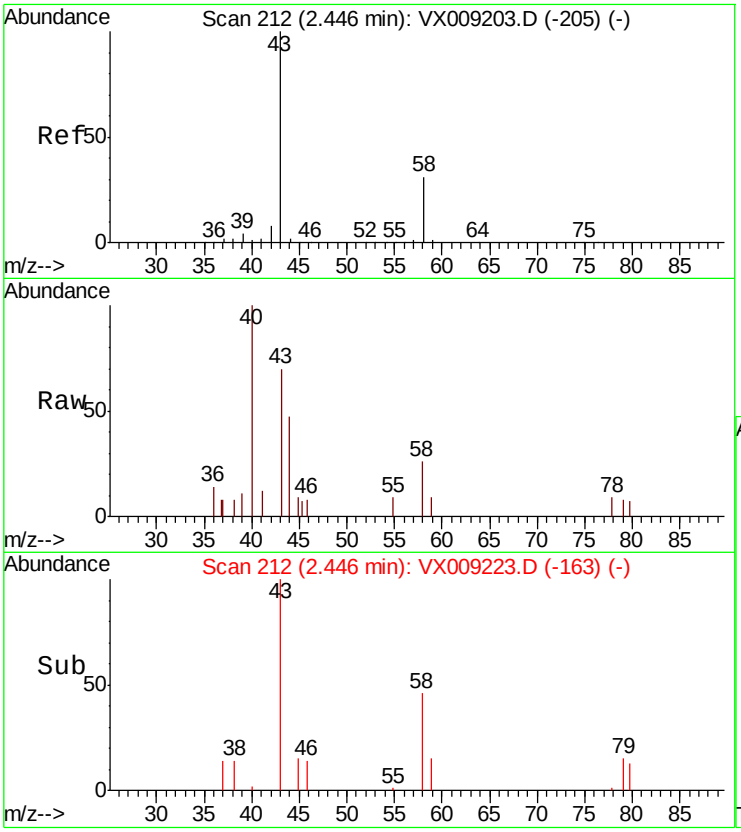


#13
Acrolein
Concen: 0.220 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 56 Resp: 133

Ion	Ratio	Lower	Upper
56	100		
55	105.3	56.6	85.0#



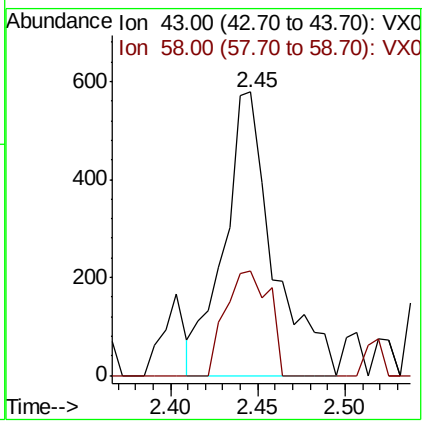


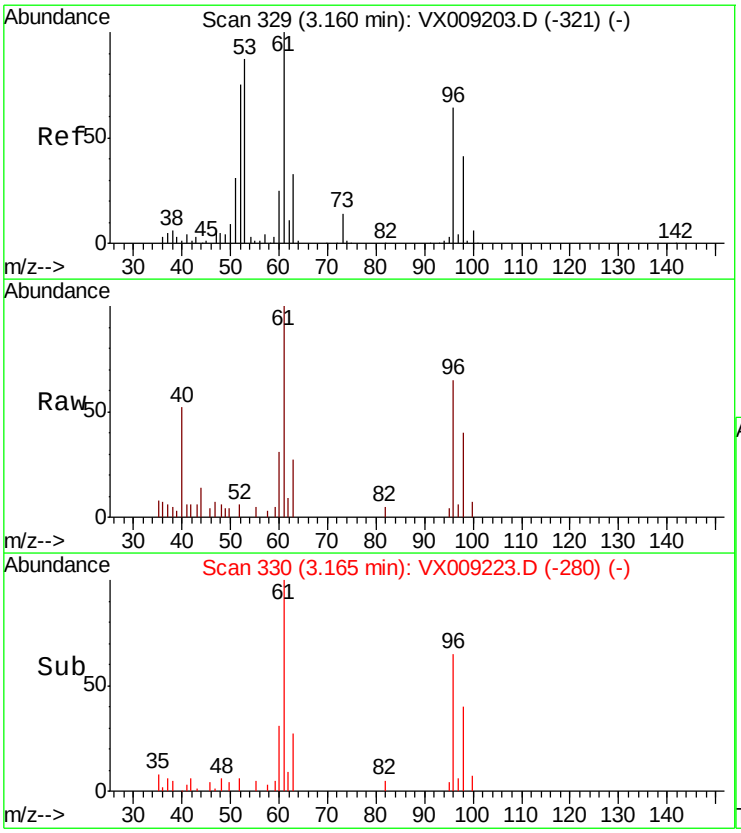
#16
Acetone
Concen: 0.731 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 43 Resp: 1133

Ion	Ratio	Lower	Upper
43	100		
58	37.0	24.9	37.3

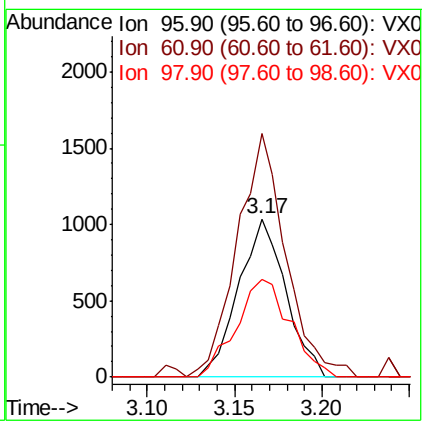


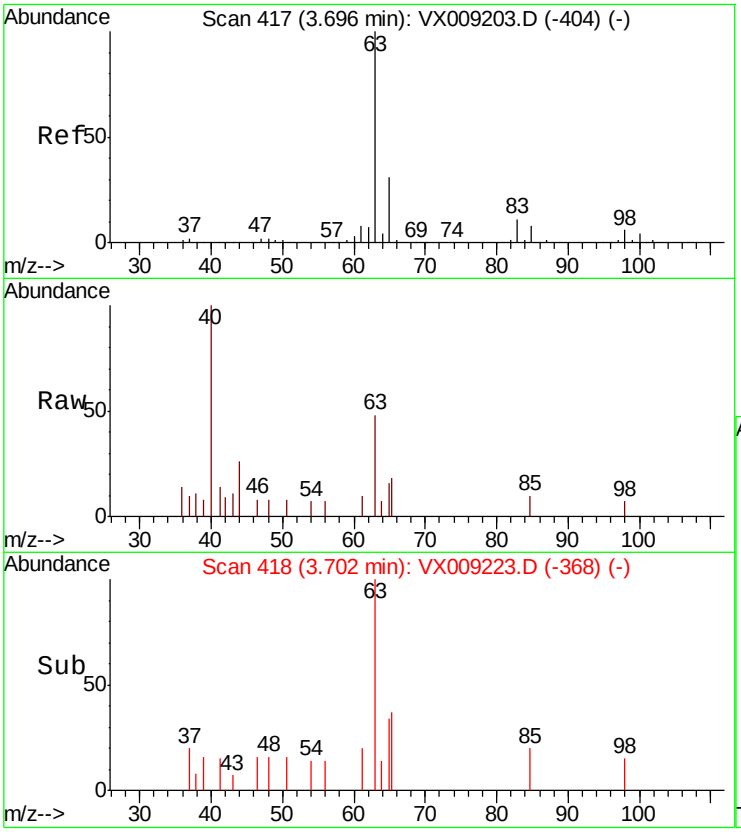


#21
trans-1,2-Dichloroethene
Concen: 0.906 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 96 Resp: 1948

Ion	Ratio	Lower	Upper
96	100		
61	153.8	124.5	186.7
98	61.5	50.4	75.6



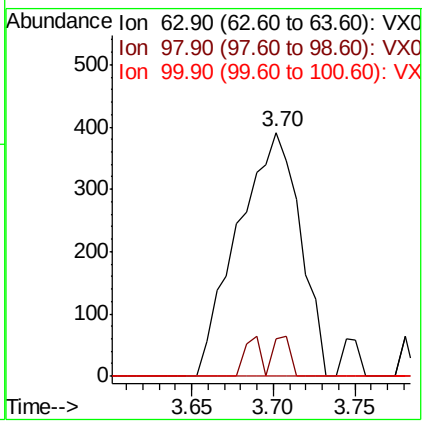


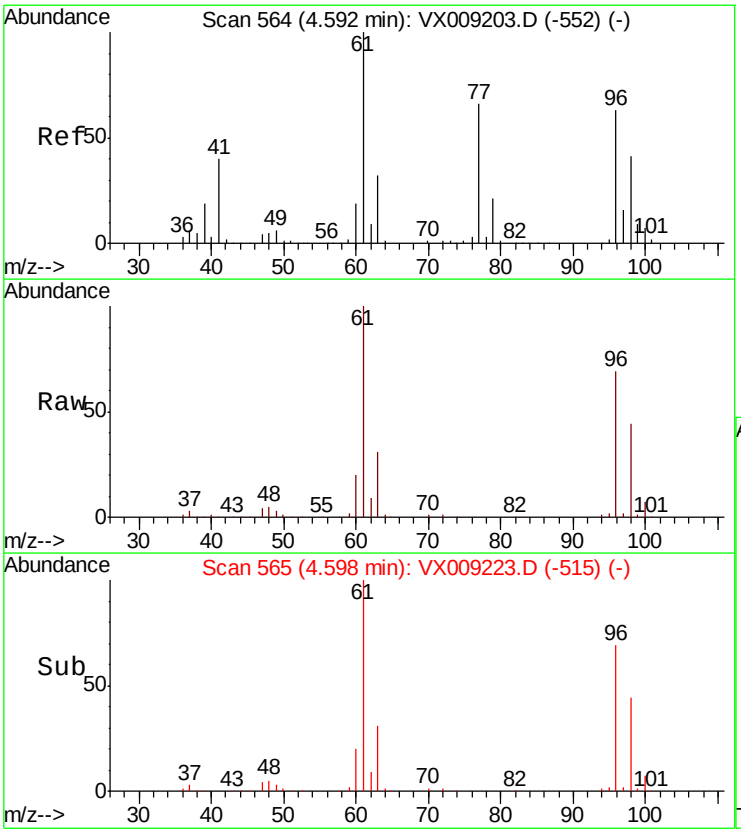
#24
1,1-Dichloroethane
Concen: 0.227 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 63 Resp: 1039

Ion	Ratio	Lower	Upper
63	100		
98	15.1	3.0	9.2#
100	0.0	2.0	6.0#

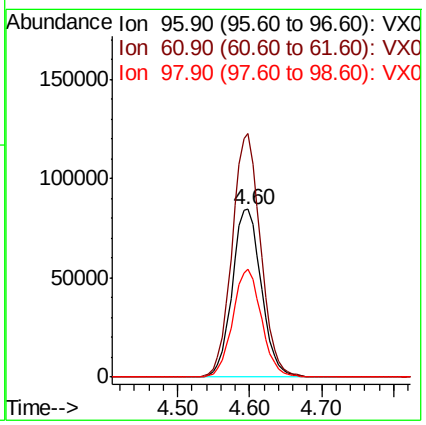


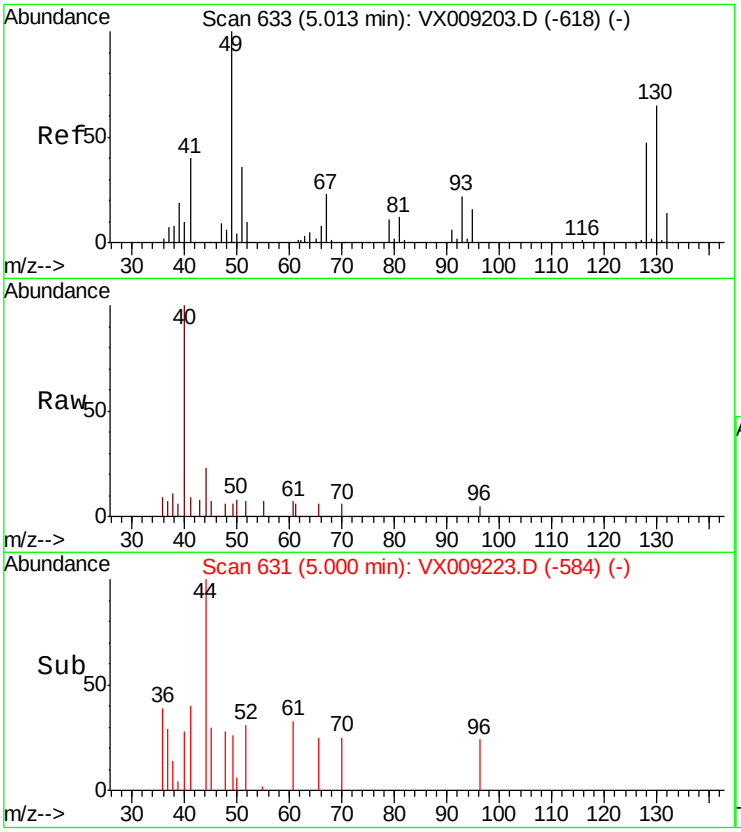


#27
cis-1,2-Dichloroethene
Concen: 92.542 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 96 Resp: 237603

Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	324.0
98	63.3	0.0	130.4



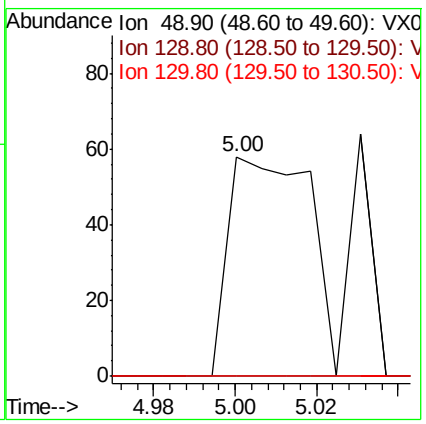


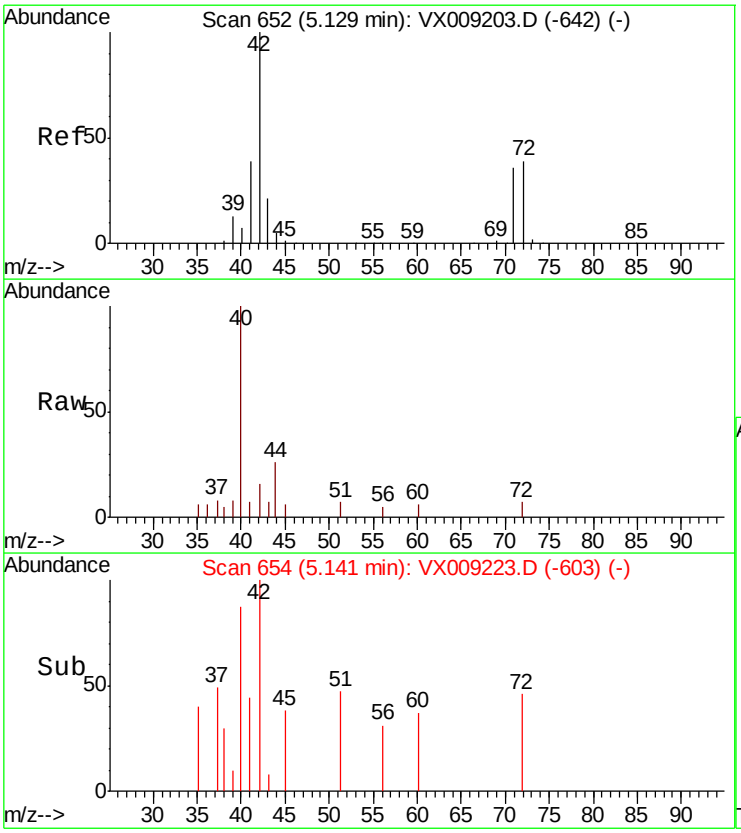
#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 49 Resp: 80

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#

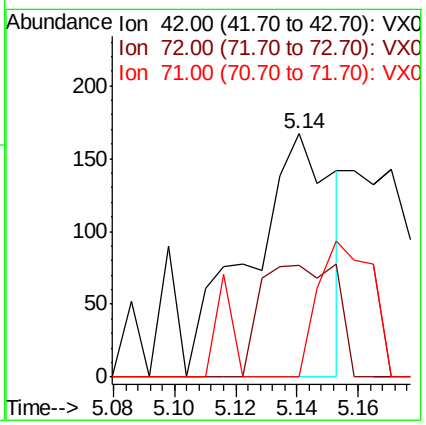


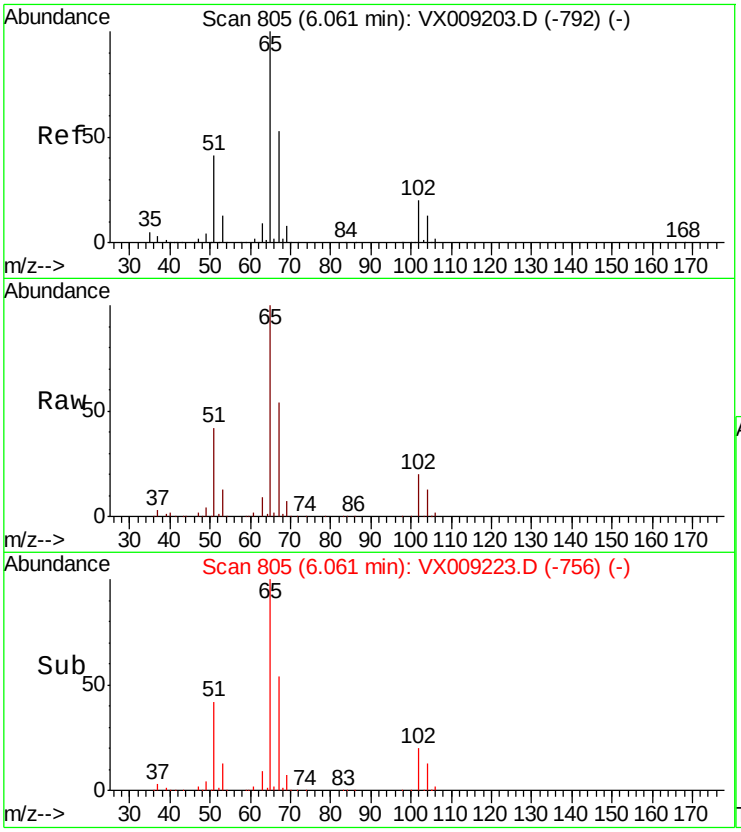


#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 42 Resp: 318

Ion	Ratio	Lower	Upper
42	100		
72	42.1	30.4	45.6
71	35.8	28.6	43.0



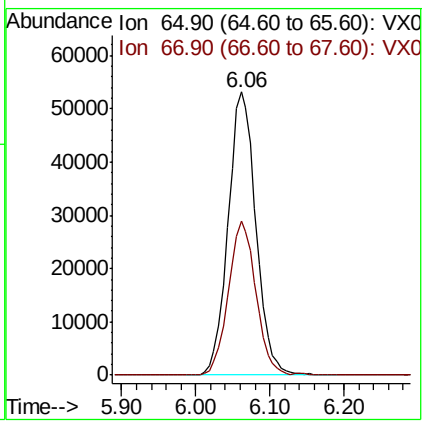


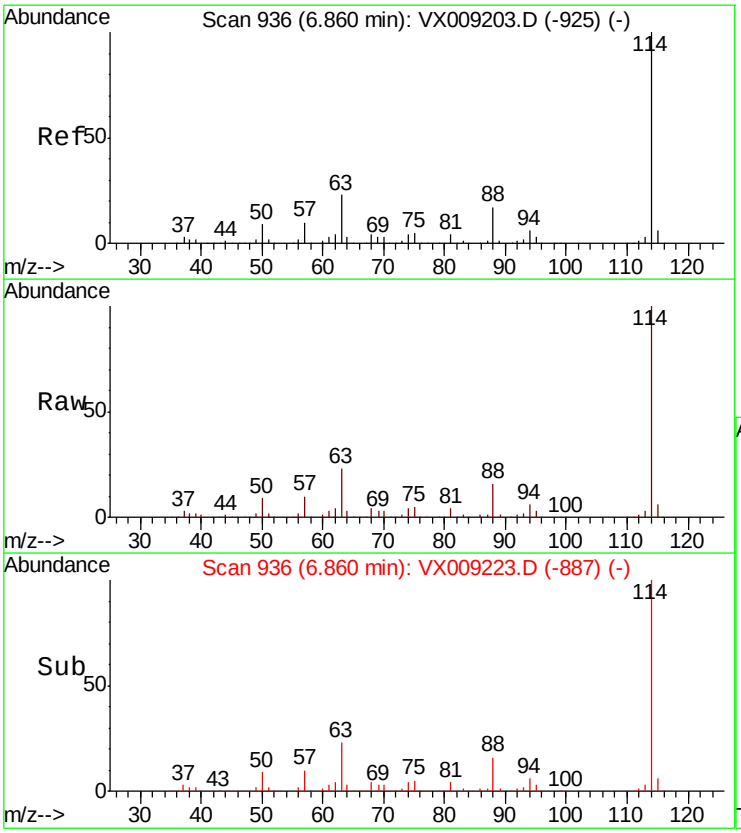
#33
1,2-Dichloroethane-d4
Concen: 48.080 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 65 Resp: 138744

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.6

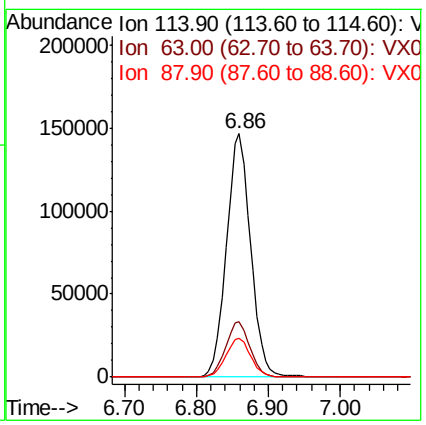


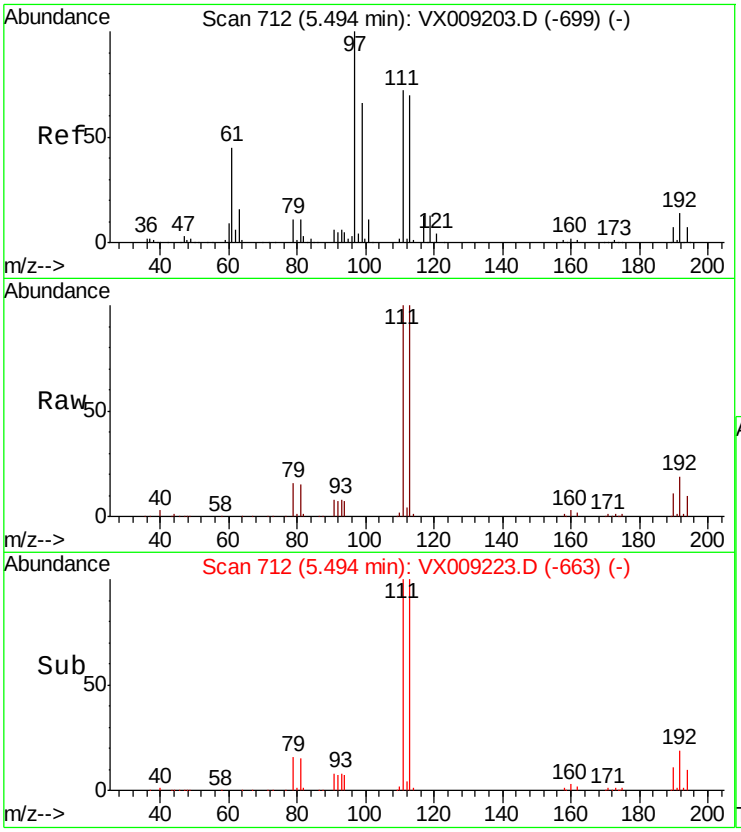


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:114 Resp: 342624

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.6
88	15.9	0.0	33.2



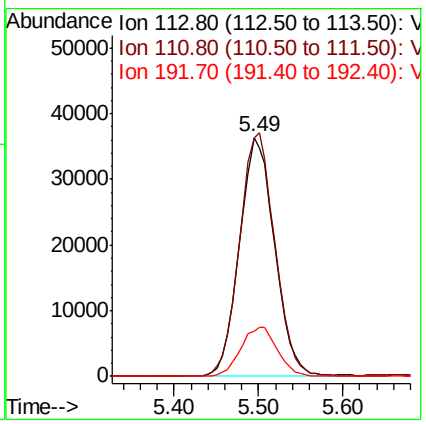


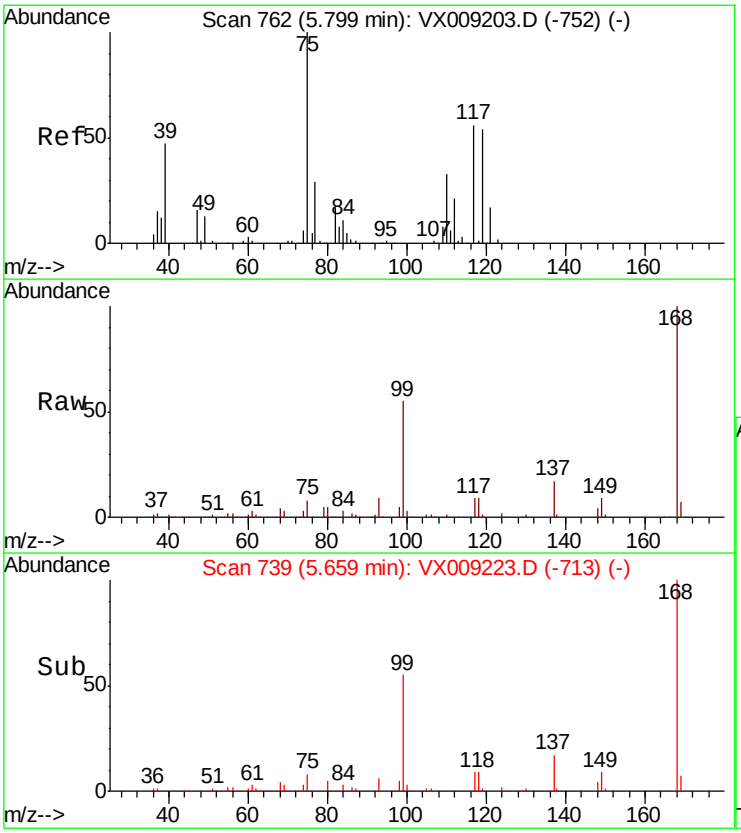
#35
Dibromofluoromethane
Concen: 47.705 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion:113 Resp: 102751

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	21.6	17.0	25.6

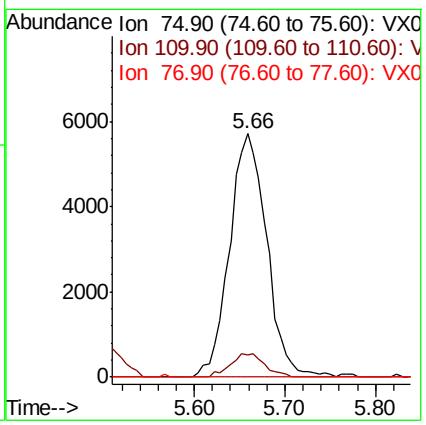


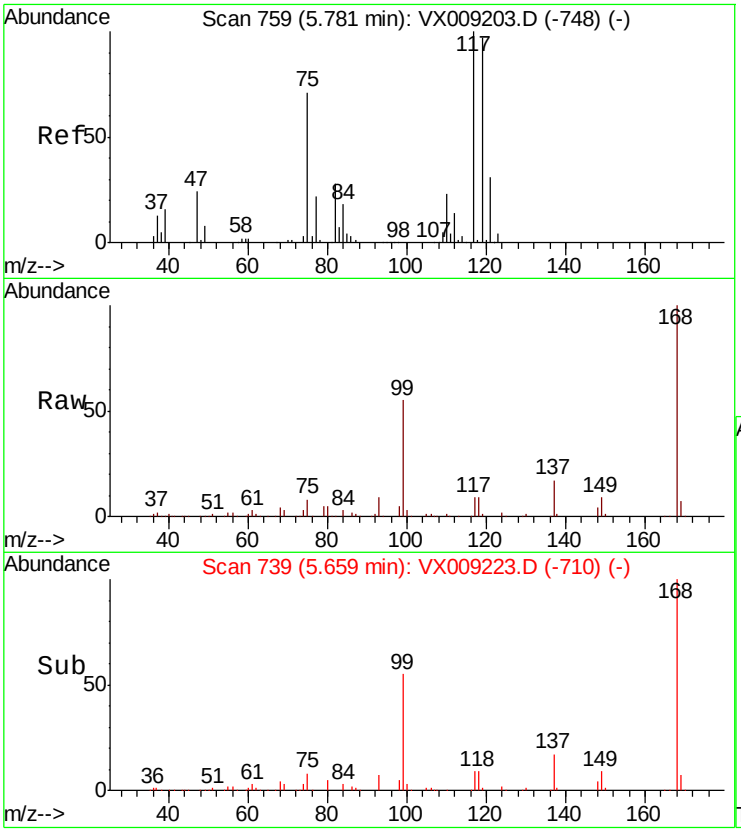


#36
1,1-Dichloropropene
Concen: 5.099 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 75 Resp: 16235

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.6#
77	0.0	24.8	37.2#



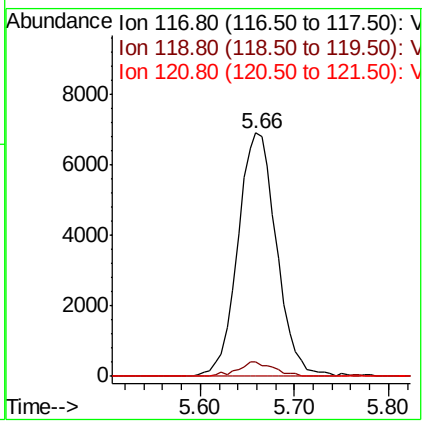


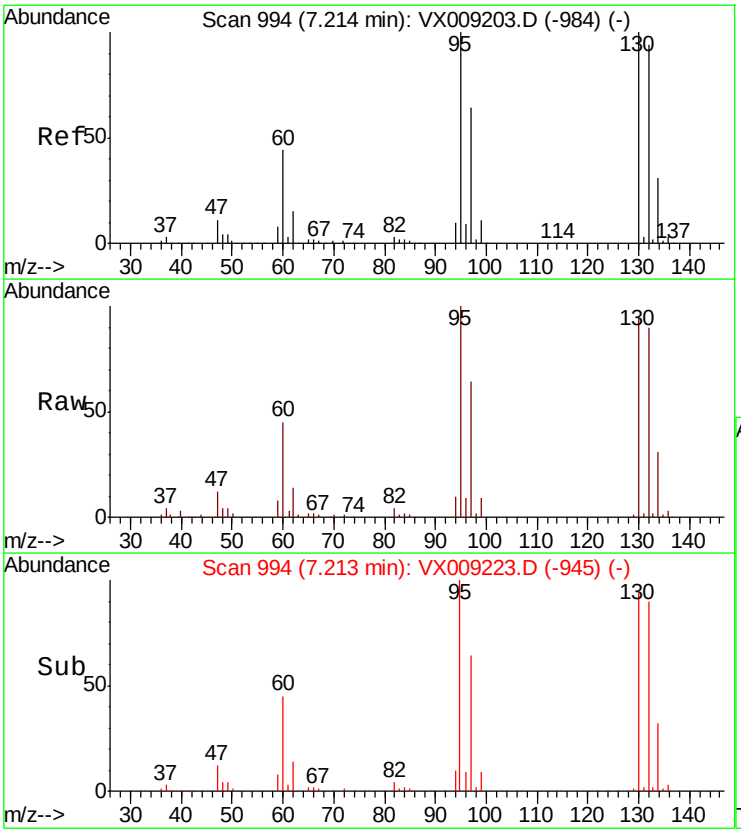
#38
Carbon Tetrachloride
Concen: 6.835 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion:117 Resp: 19772

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.5	116.3#
121	0.0	24.7	37.1#

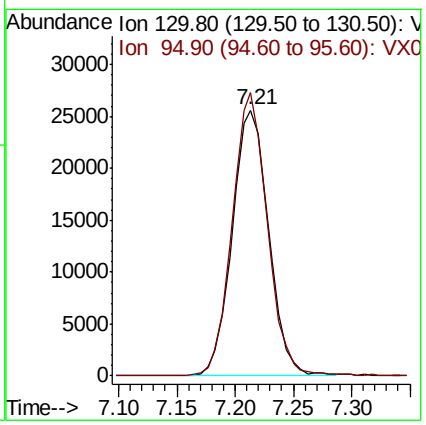


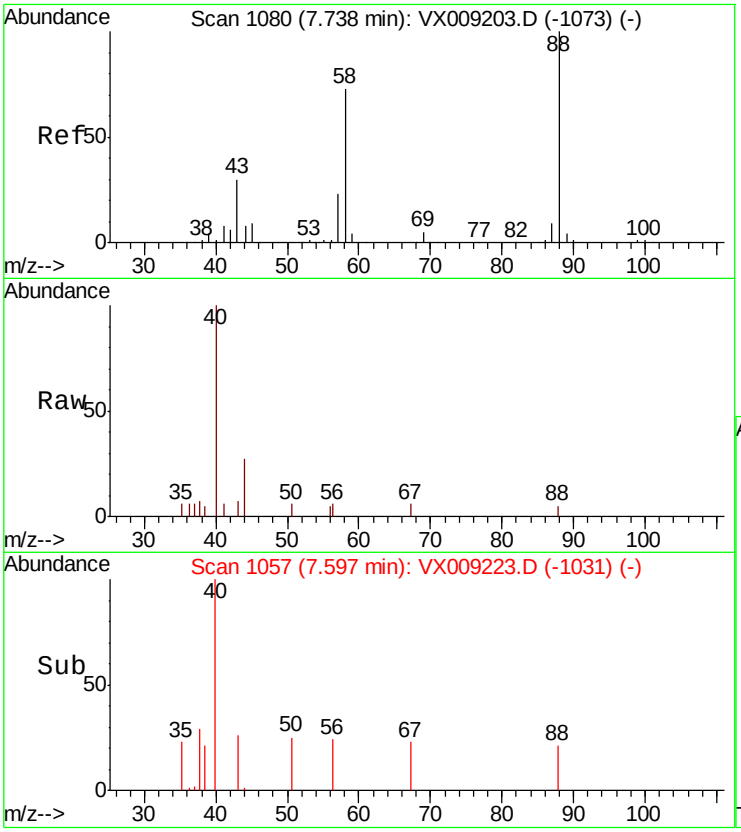


#44
Trichloroethene
Concen: 23.411 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:130 Resp: 55771

Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	199.2



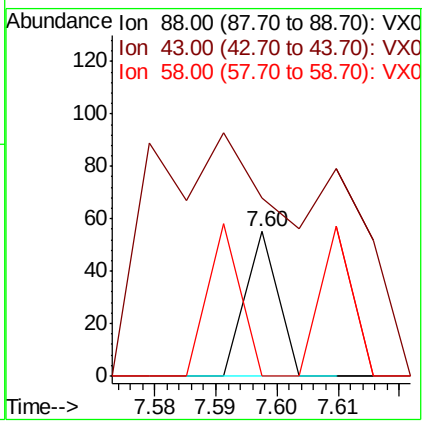


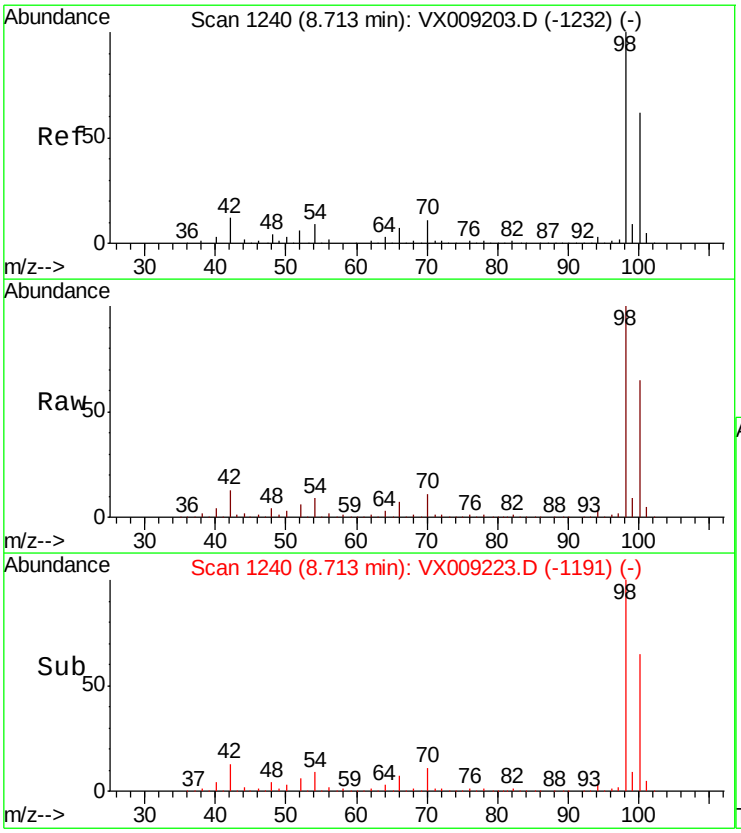
#49
1,4-Dioxane
Concen: 0.280 ug/l
RT: 7.60 min Scan# 1057
Delta R.T. -0.14 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1060.0	28.6	42.8#
58	105.0	61.7	92.5#

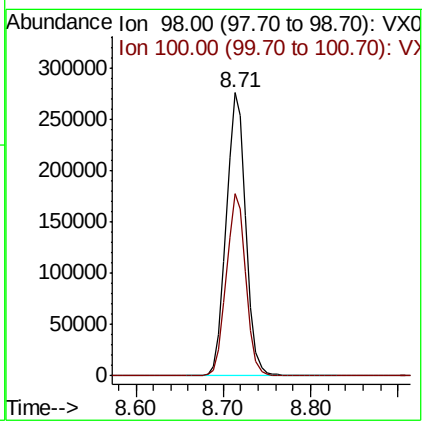


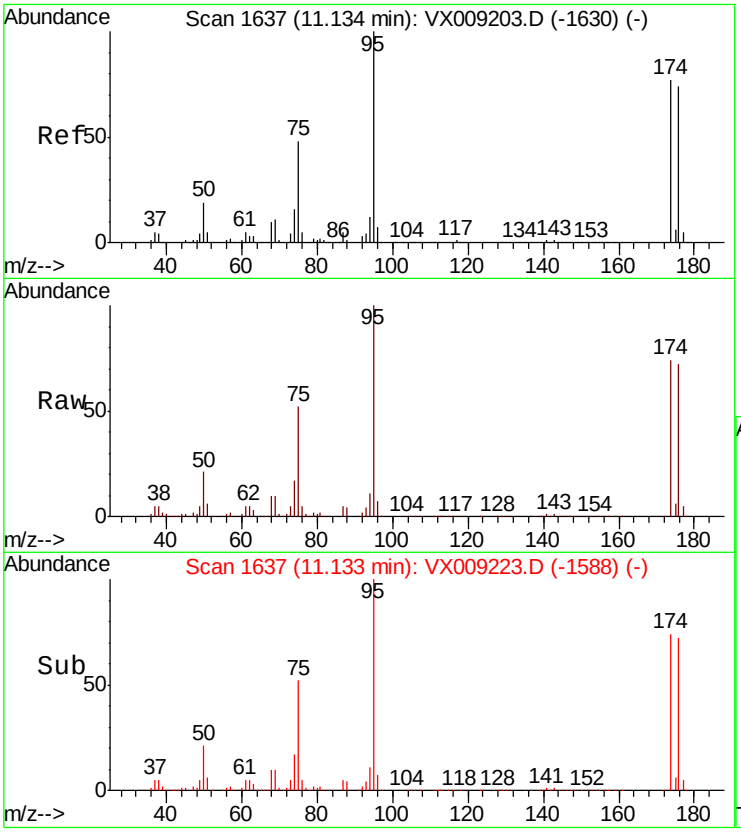


#50
Toluene-d8
Concen: 49.283 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 98 Resp: 428553

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8



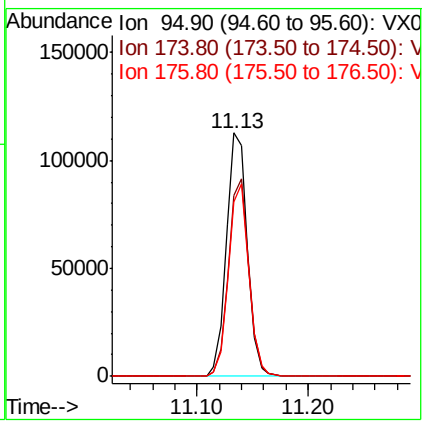


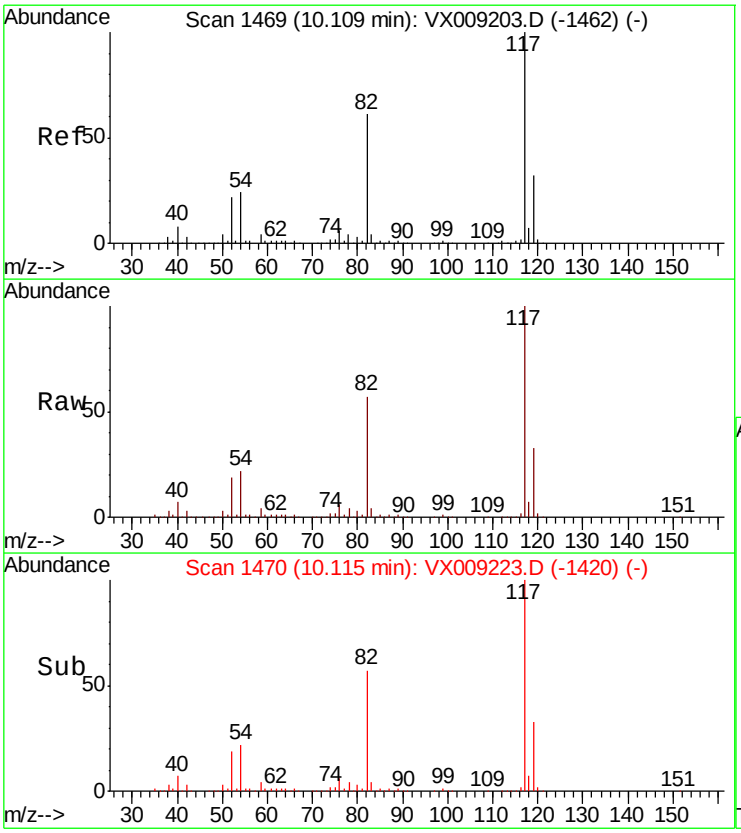
#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 95 Resp: 145677

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	161.6
176	77.3	0.0	159.2

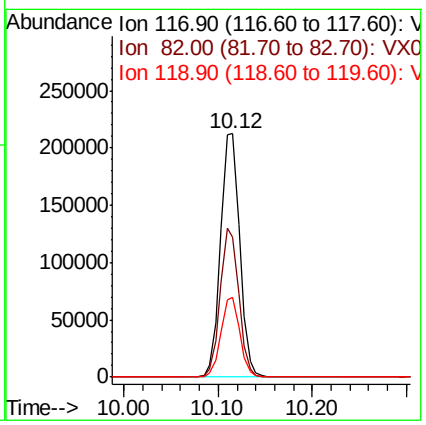


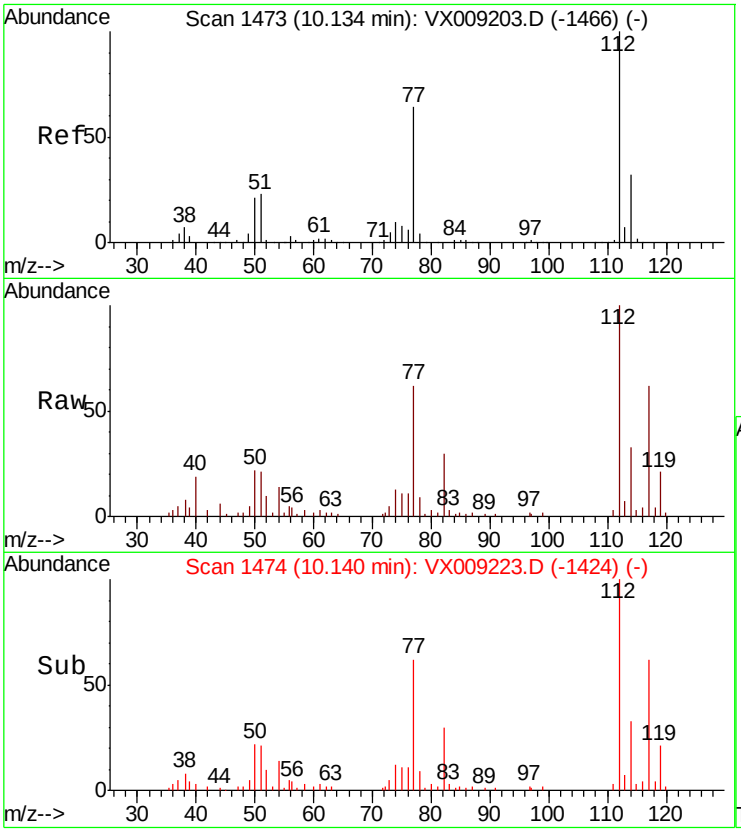


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:117 Resp: 300825

Ion	Ratio	Lower	Upper
117	100		
82	57.3	48.8	73.2
119	32.7	25.8	38.6



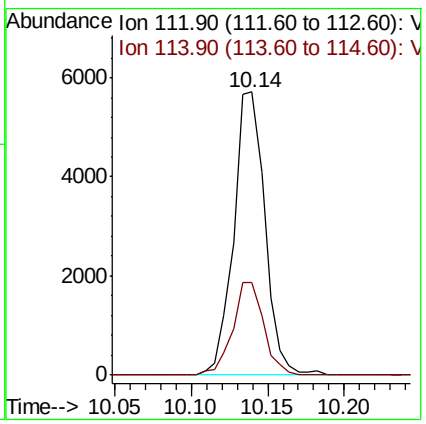


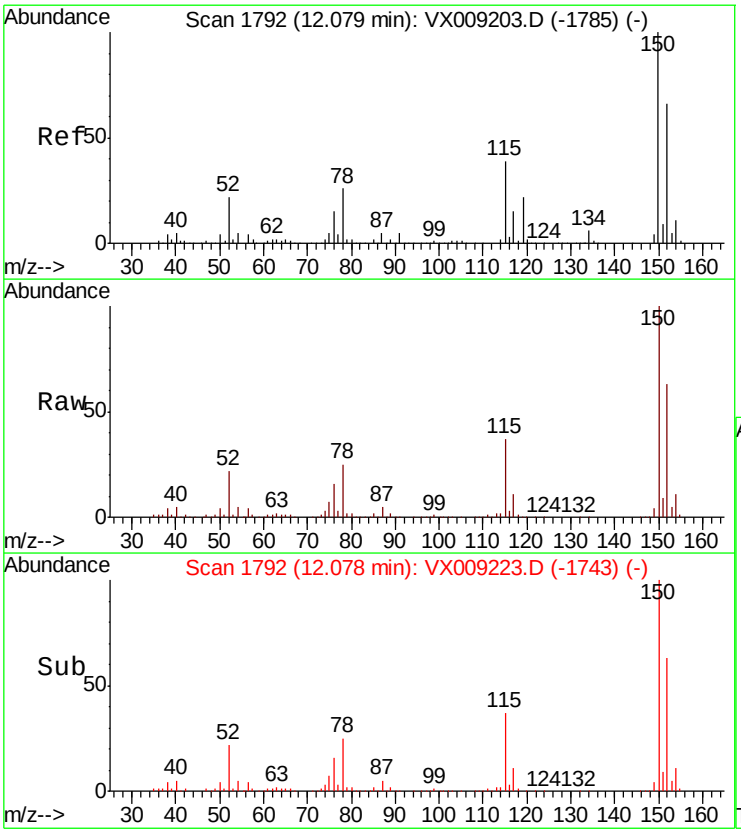
#65
Chlorobenzene
Concen: 1.344 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion:112 Resp: 8088

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.5	38.3

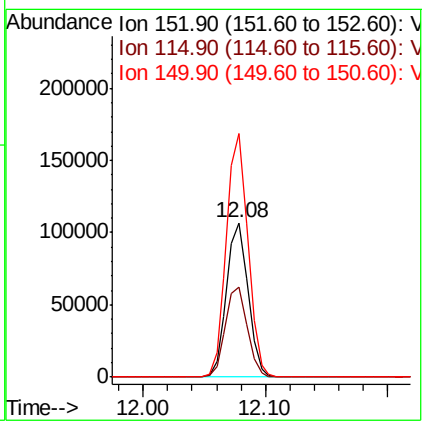


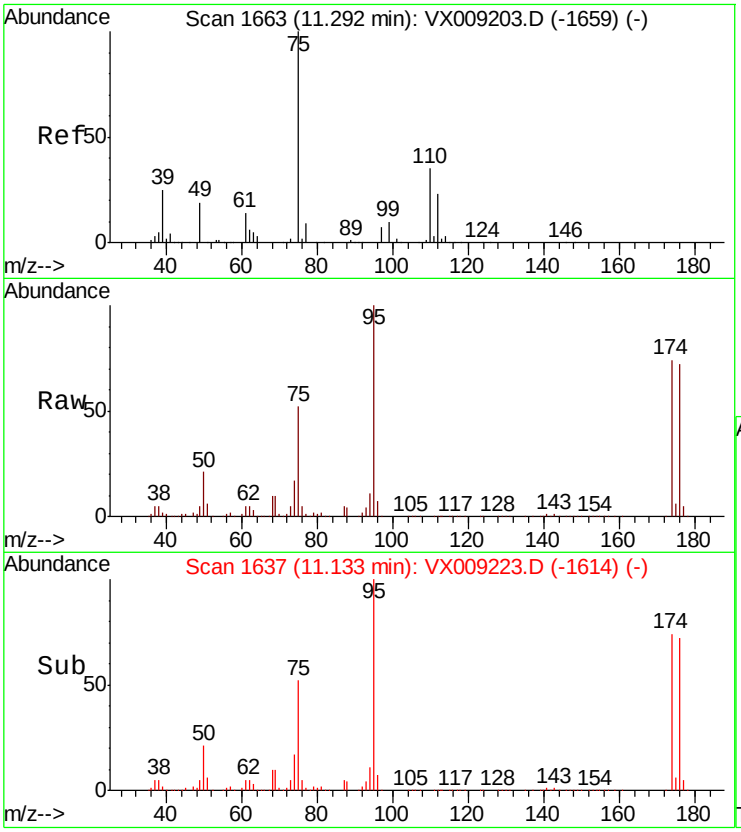


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion:152 Resp: 129743

Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.2	123.6
150	158.2	0.0	346.4



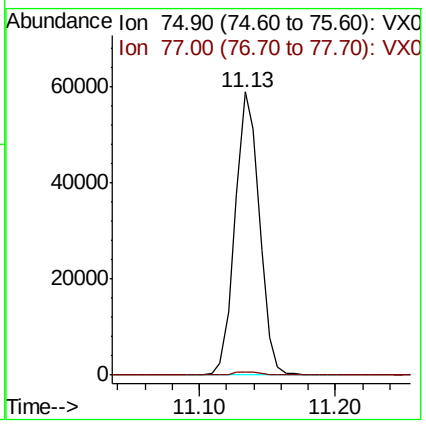


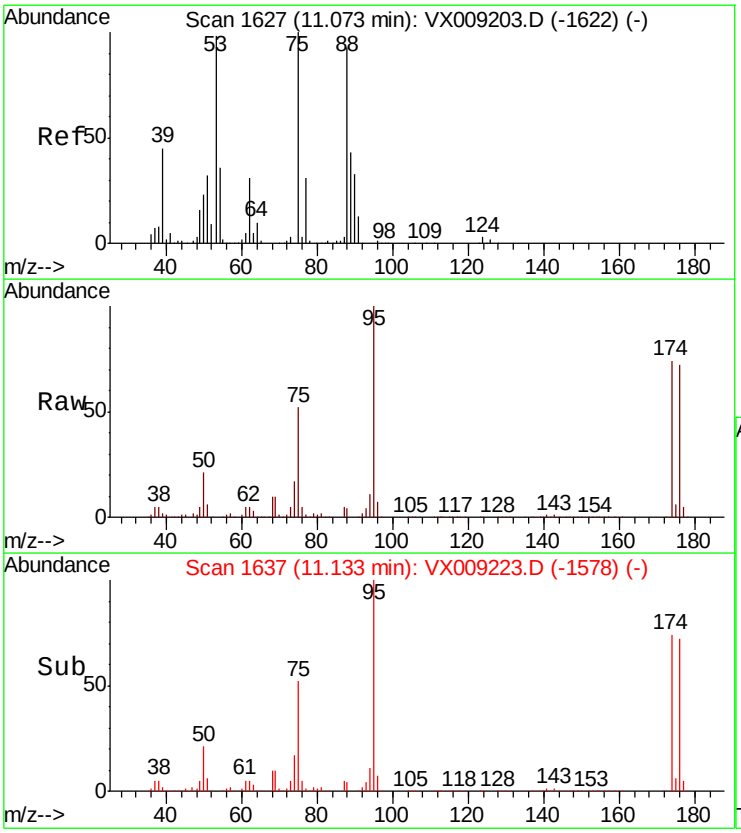
#76
1,2,3-Trichloropropane
Concen: 24.402 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion: 75 Resp: 73439

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#

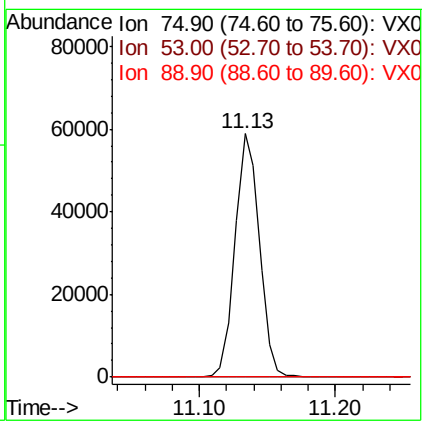


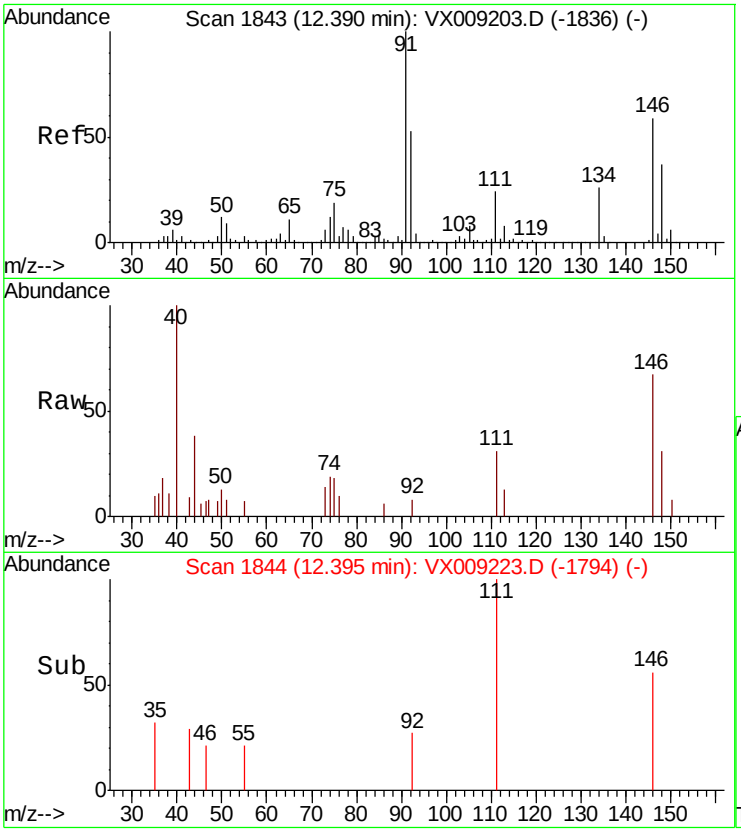


#81
trans-1,4-Dichloro-2-butene
Concen: 62.435 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Tgt Ion: 75 Resp: 73439

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.0	34.7	52.1#





#91
1,2-Dichlorobenzene
Concen: 0.213 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX009223.D
Acq: 29 Apr 2019 21:26

Instrument :
MSVOA_X
ClientSampleId :
WP021MW347-190425

Tgt Ion:146 Resp: 907

Ion	Ratio	Lower	Upper
146	100		
111	44.9	20.8	62.4
148	68.2	31.9	95.9