Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\

Quantitation Report (Not Reviewed)

Data File : VX009700.D
Acq On : 18 May 2019 07:26
Operator : JC/SP
Sample : K2901-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-10C_R2

Quant Time: May 20 04:15:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	268996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113266	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
35) Dibromofluoromethane	5.50	113	81809	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	8.71	98	333131	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.60%			
62) 4-Bromofluorobenzene	11.13	95	107132	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.38%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	425	0.207	ug/l #	73
5) Bromomethane	1.64	94	290	0.236	ug/l #	67
6) Chloroethane	1.72	64	277	0.210	ug/l #	43
10) Methyl Iodide	2.53	142	125	4.656	ug/l #	42
11) Tert butyl alcohol	3.02	59	853	1.615	ug/l #	92
13) Acrolein	2.26	56	202	0.422	ug/l #	65
16) Acetone	2.45	43	3373	2.754	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	563	0.331	ug/l #	84
27) cis-1,2-Dichloroethene	4.60	96	42246	20.814	ug/l	90
28) Bromochloromethane	5.00	49	49	Below Cal	#	20
30) Chloroform	5.21	83	1514	0.462	ug/l	99
36) 1,1-Dichloropropene	5.66	75	12991	5.197	ug/l #	50
38) Carbon Tetrachloride	5.67	117	15458	6.806	ug/l #	15
44) Trichloroethene	7.21	130	40300	21.547	ug/l	99
51) 4-Methyl-2-Pentanone	8.71	43	2068	0.568	ug/l #	1
55) 1,1,2-Trichloroethane	9.34	97	2026	1.056	ug/l #	1
60) Dibromochloromethane	9.34	129	220606	117.727	ug/l #	11
64) Tetrachloroethene	9.34	164	238430	149.857	ug/l	99
68) m/p-Xylenes	10.35	106	1665	0.534	ug/l	96
73) Isopropylbenzene	11.02	105	2465	0.358	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	55487	25.283	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	55487	64.690	ug/l #	10
83) tert-Butylbenzene	11.77	119	3656	0.649	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	2535	0.818	ug/l	94

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

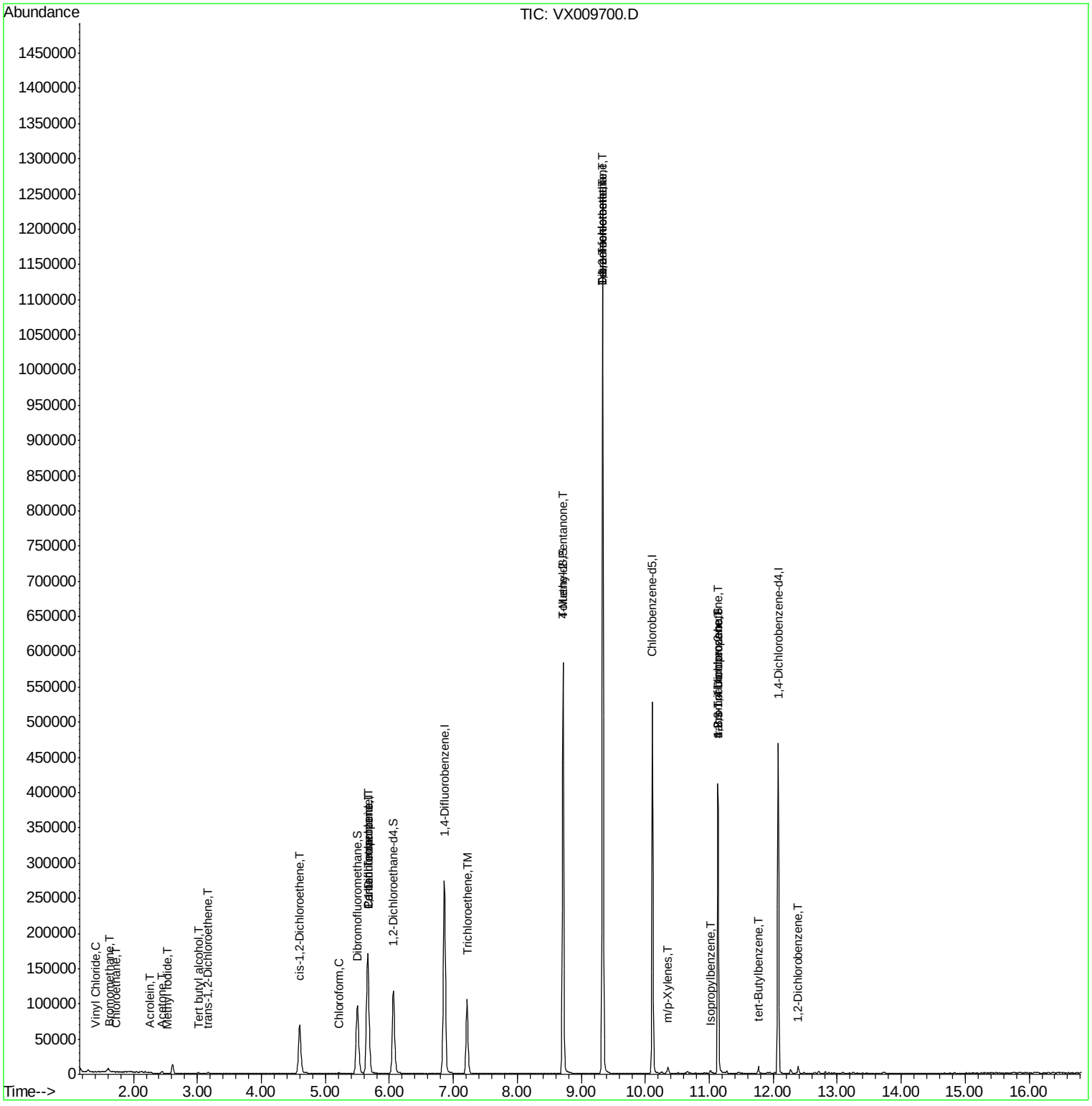
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\

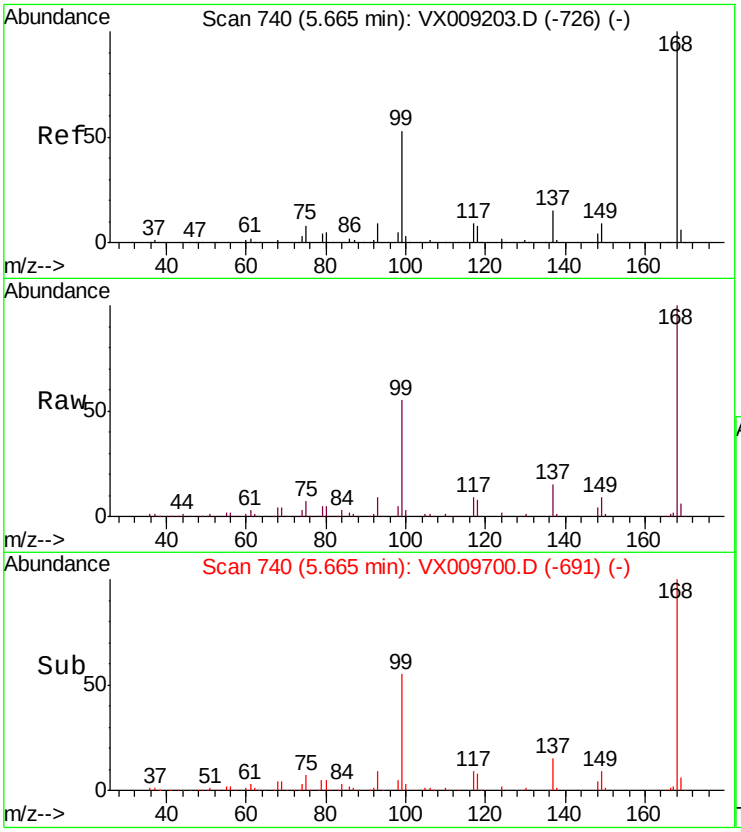
Quantitation Report (Not Reviewed)

Data File : VX009700.D
Acq On : 18 May 2019 07:26
Operator : JC/SP
Sample : K2901-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Quant Time: May 20 04:15:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



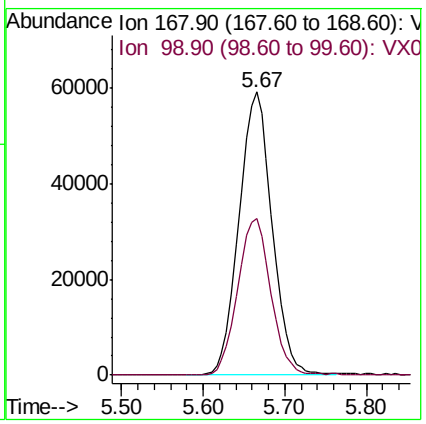


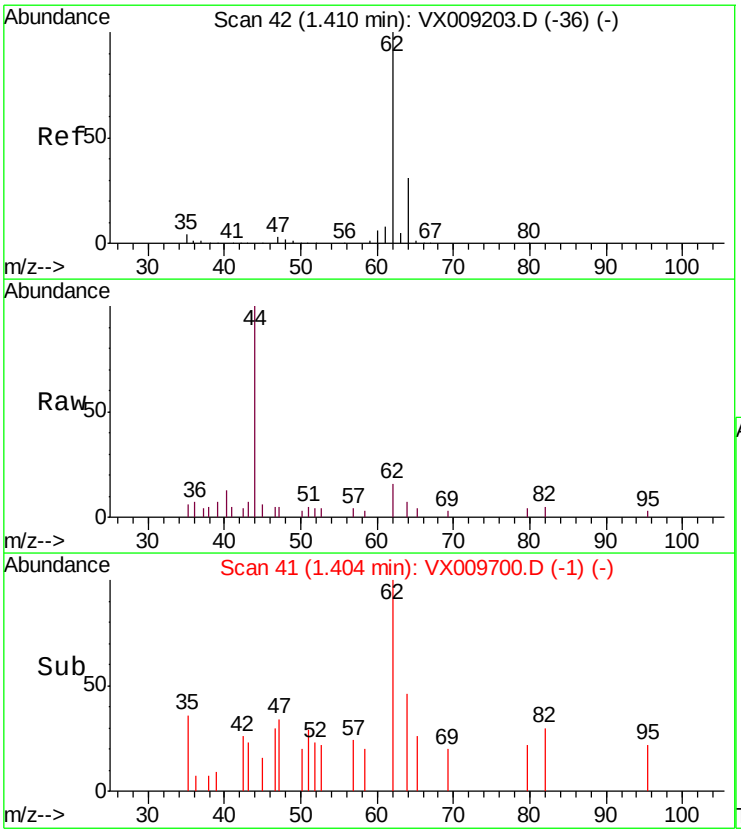
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:168 Resp: 167112

Ion	Ratio	Lower	Upper
168	100		
99	55.3	42.3	63.5

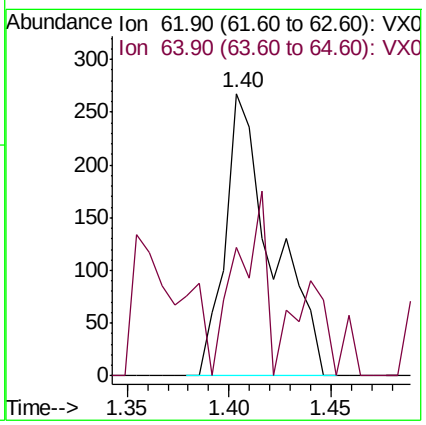


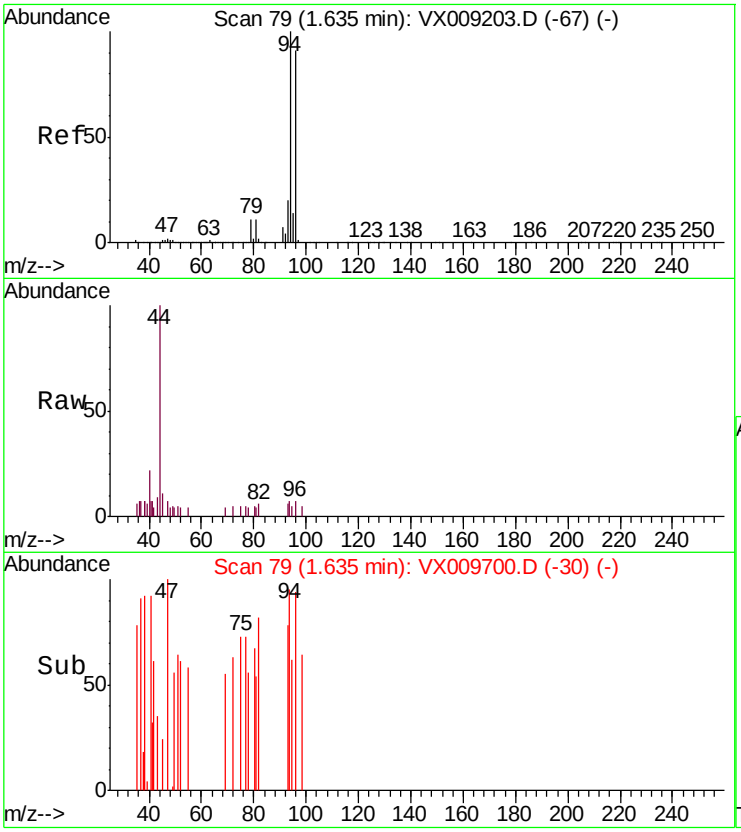


#4
Vinyl Chloride
Concen: 0.207 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 62 Resp: 425

Ion	Ratio	Lower	Upper
62	100		
64	45.5	24.6	36.8#



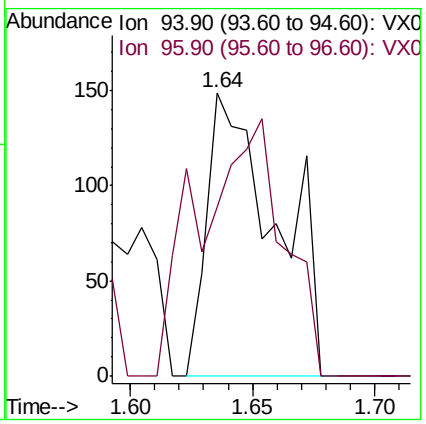


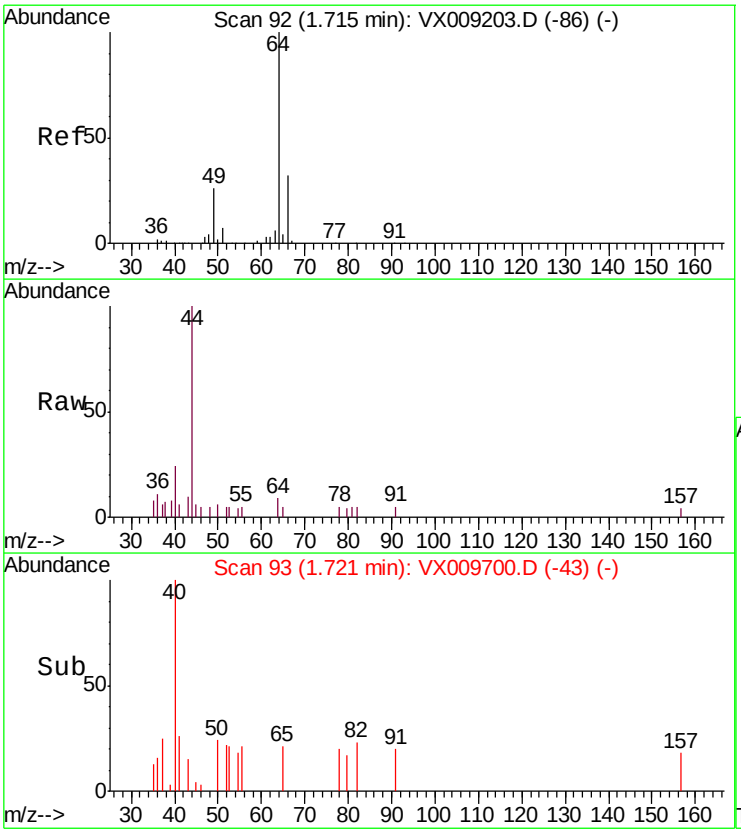
#5
Bromomethane
Concen: 0.236 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 94 Resp: 290

Ion	Ratio	Lower	Upper
94	100		
96	59.7	73.0	109.6#

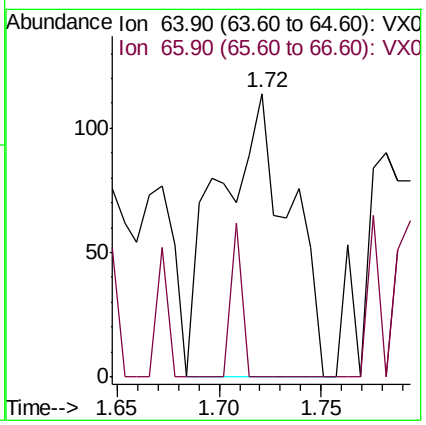


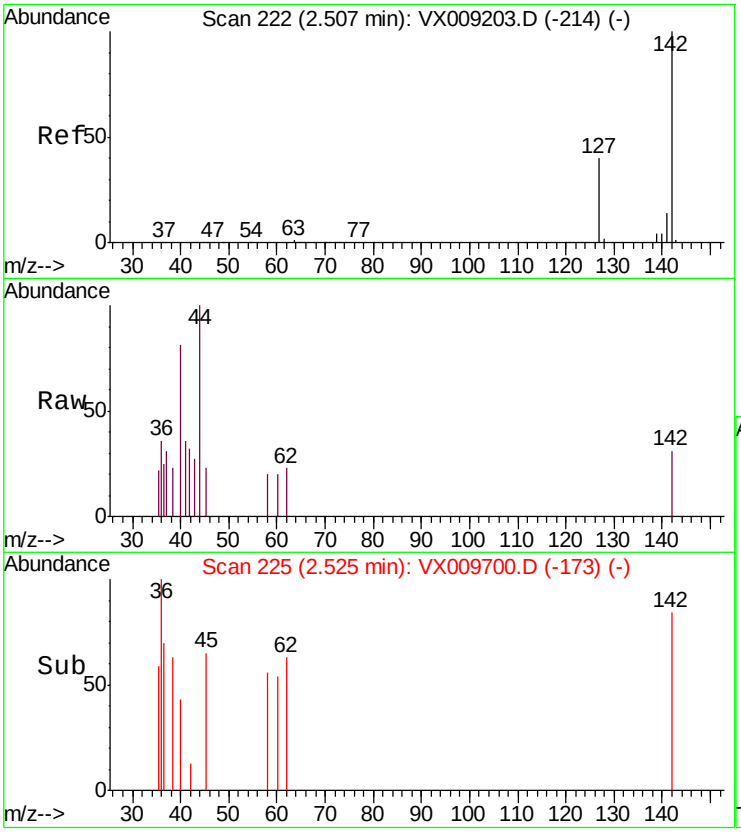


#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 64 Resp: 277

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



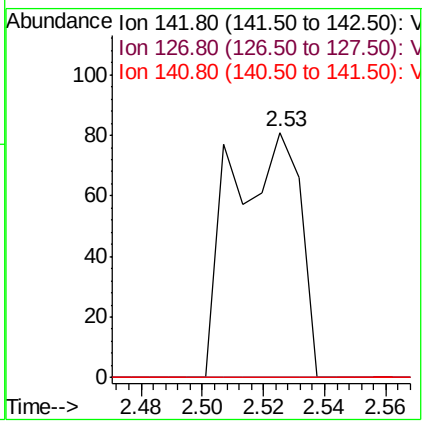


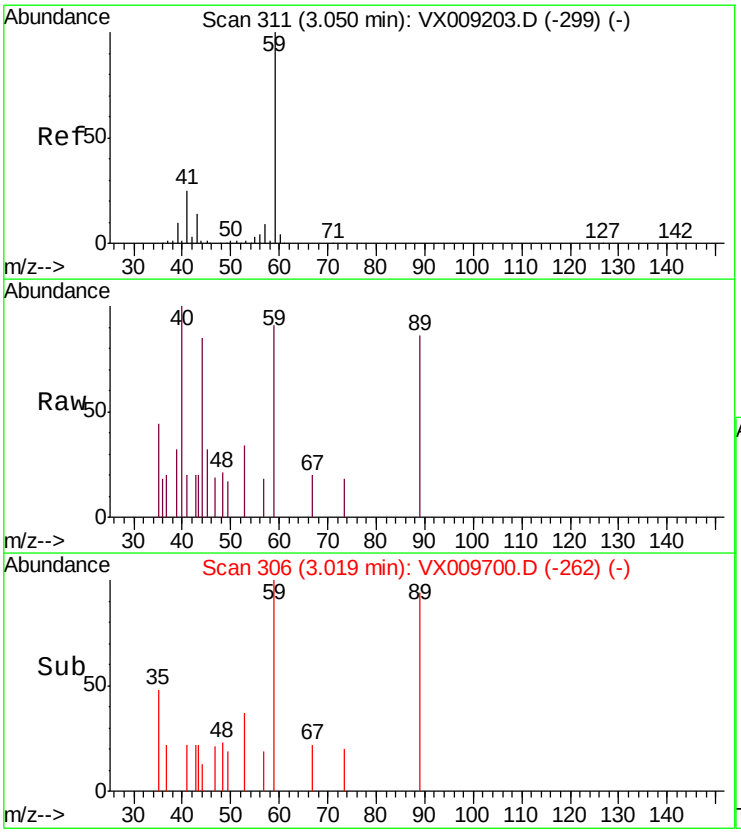
#10
Methyl Iodide
Concen: 4.656 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:142 Resp: 125

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

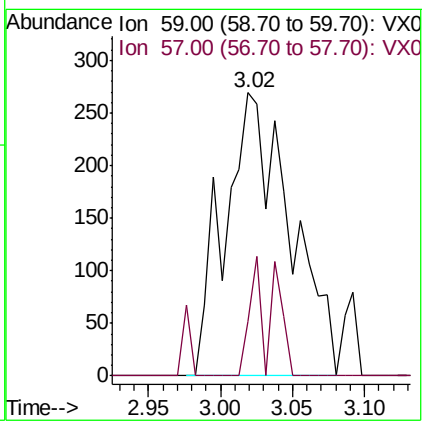


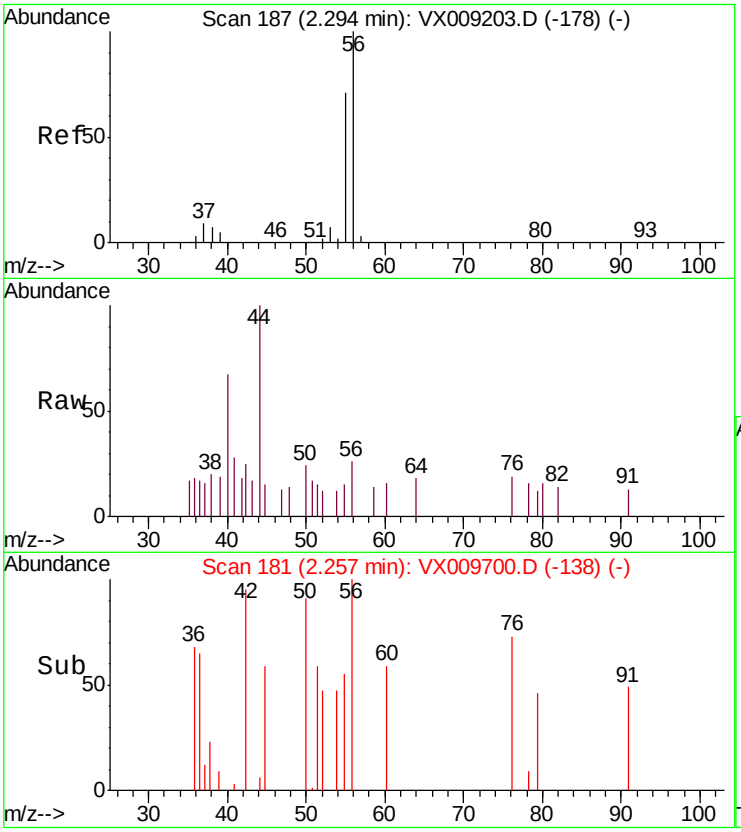


#11
Tert butyl alcohol
Concen: 1.615 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 59 Resp: 853

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.2	12.2#



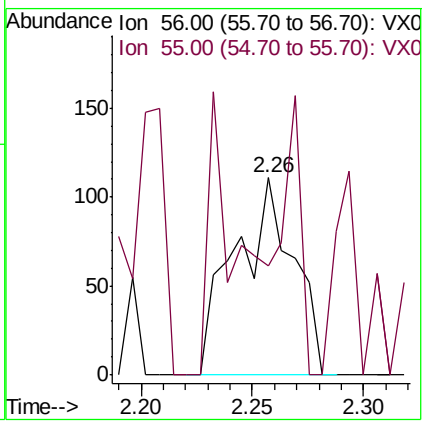


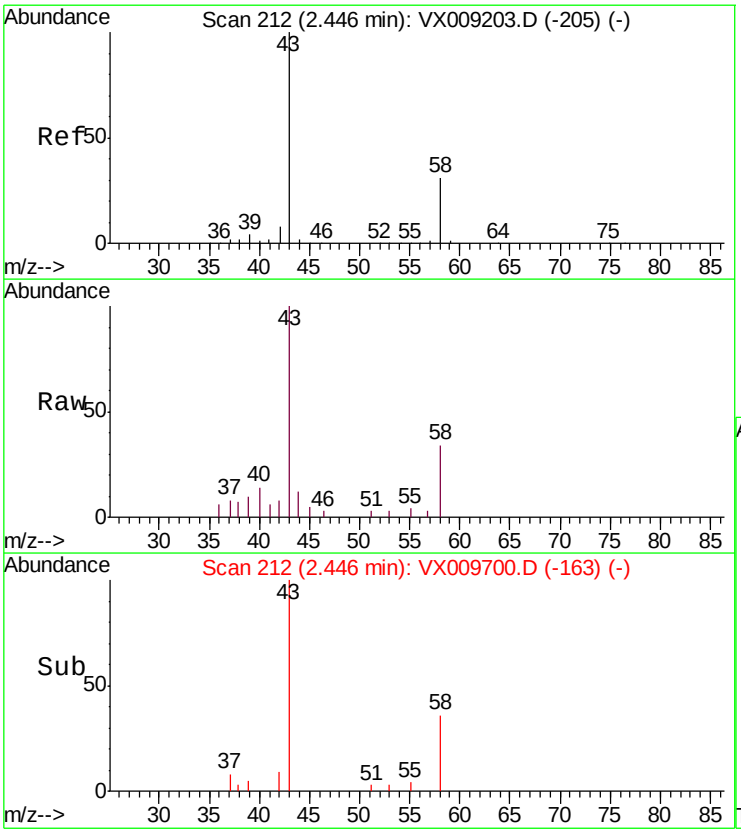
#13
Acrolein
Concen: 0.422 ug/l
RT: 2.26 min Scan# 181
Delta R.T. -0.04 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 56 Resp: 202

Ion	Ratio	Lower	Upper
56	100		
55	41.6	56.6	85.0#

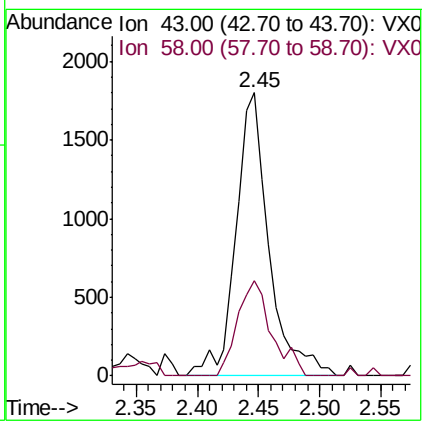


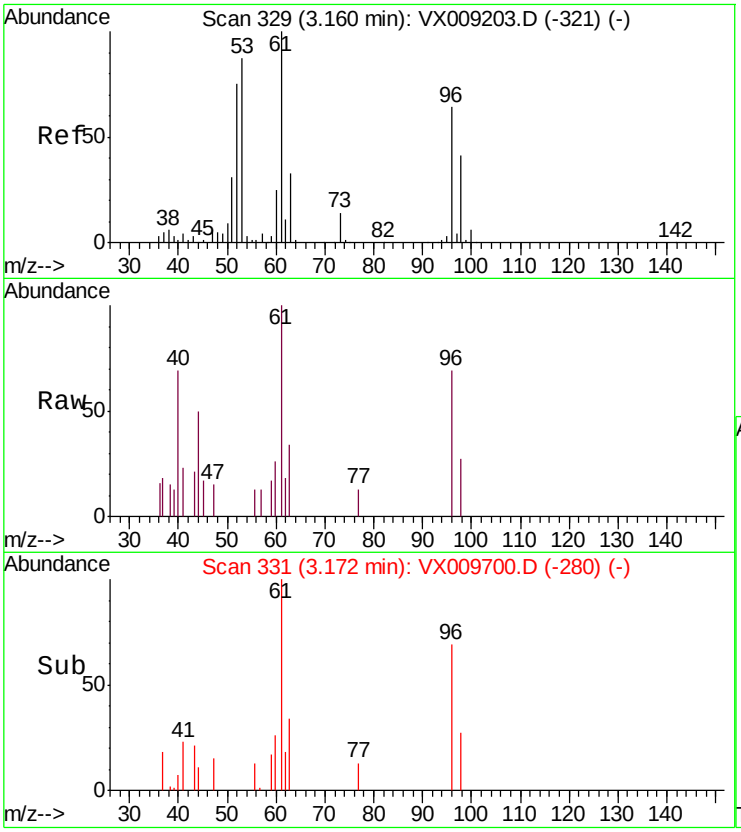


#16
Acetone
Concen: 2.754 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 43 Resp: 3373

Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.9	37.3



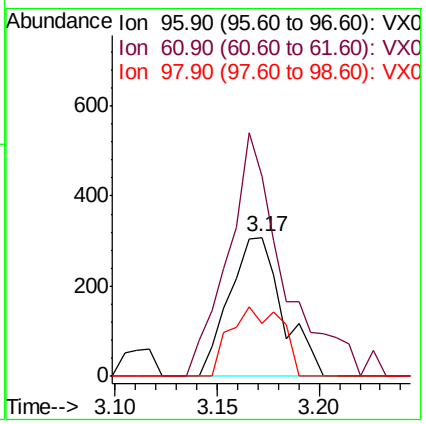


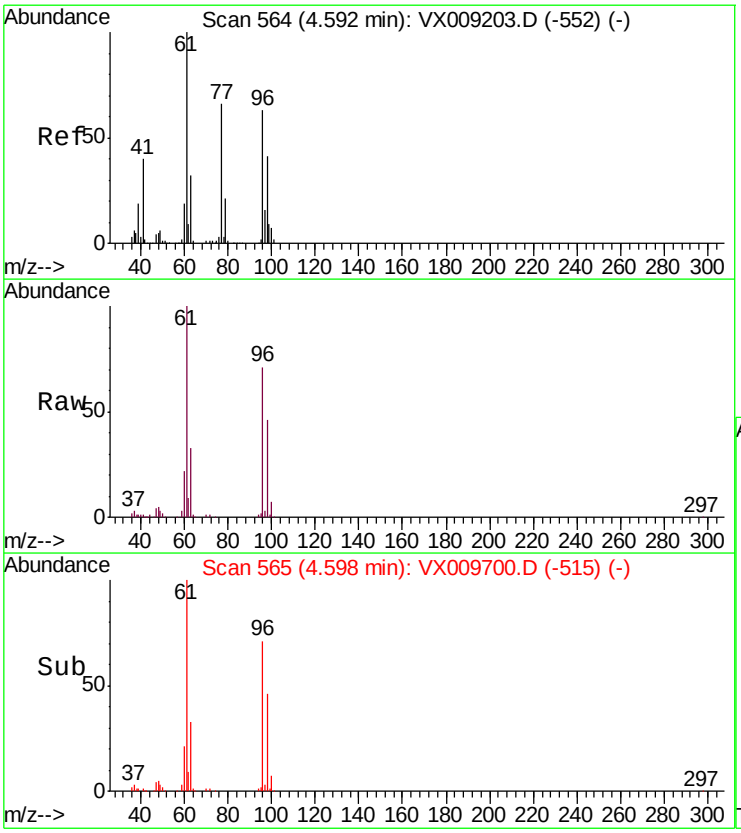
#21
trans-1,2-Dichloroethene
Concen: 0.331 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 96 Resp: 563

Ion	Ratio	Lower	Upper
96	100		
61	144.0	124.5	186.7
98	38.2	50.4	75.6#

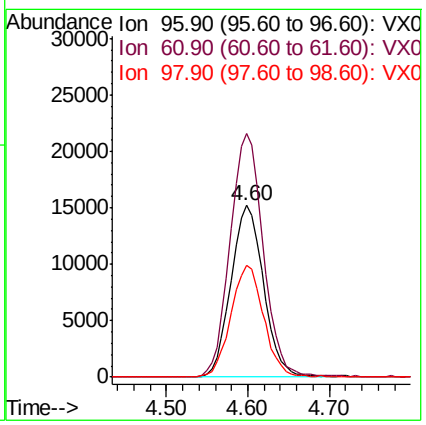


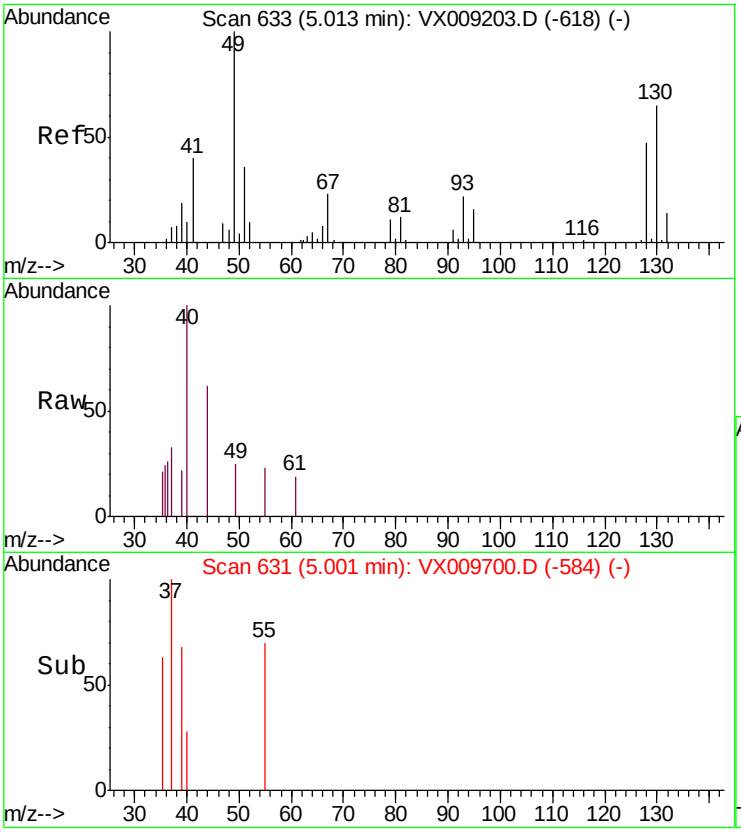


#27
cis-1,2-Dichloroethene
Concen: 20.814 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 96 Resp: 42246

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	324.0
98	65.4	0.0	130.4



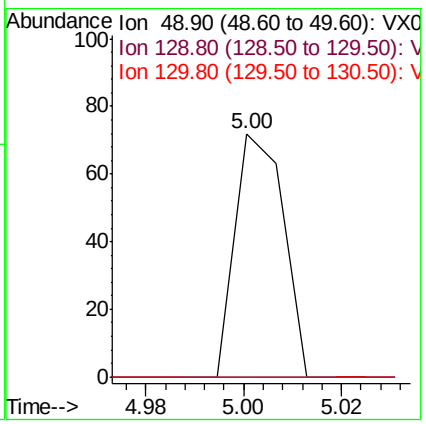


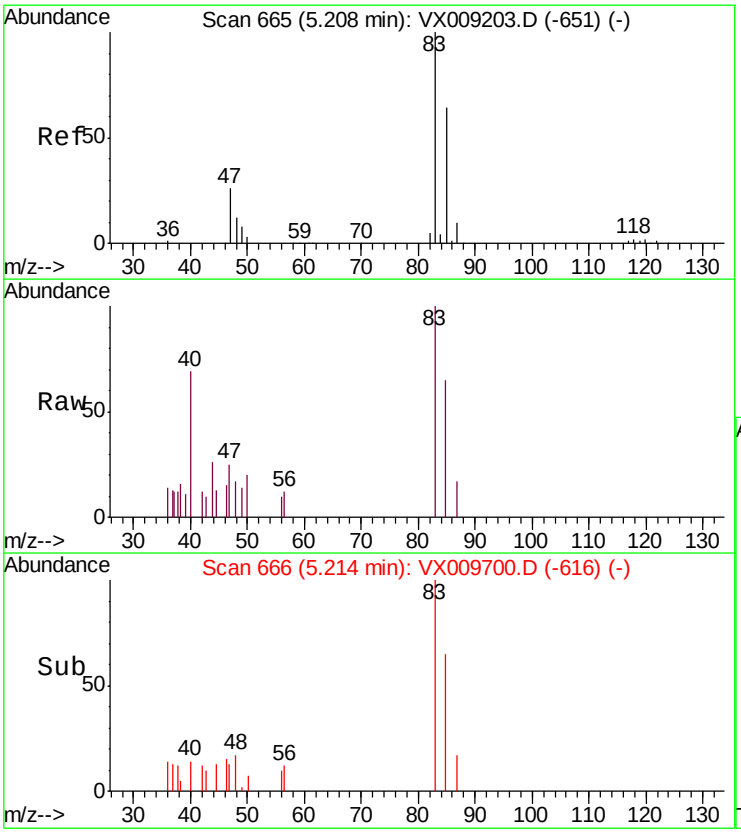
#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 49 Resp: 49

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

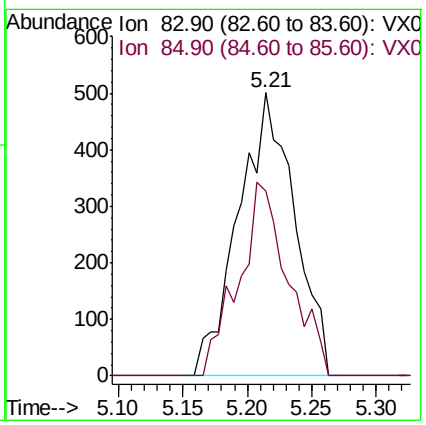


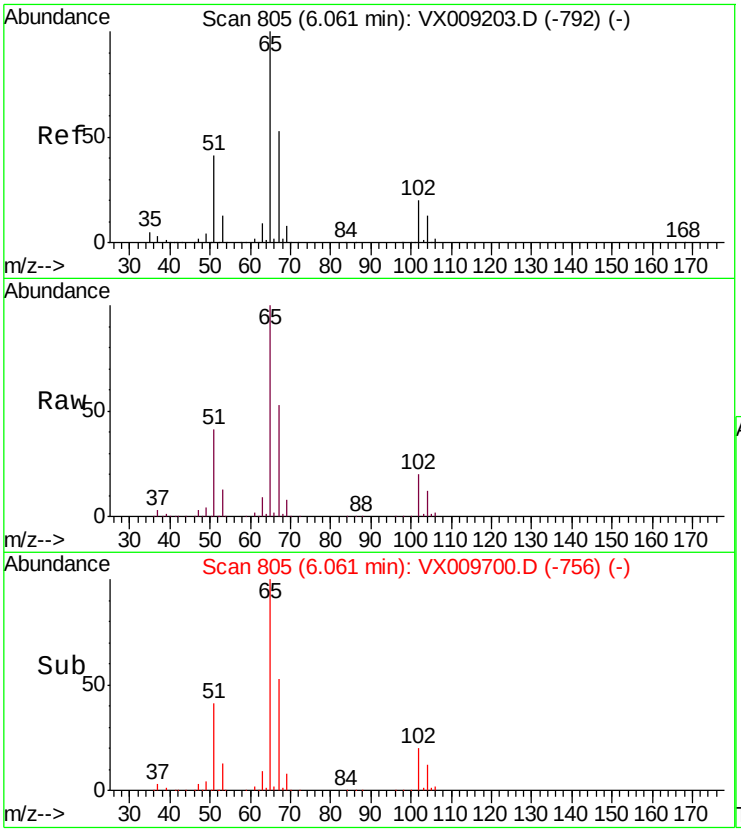


#30
Chloroform
Concen: 0.462 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 83 Resp: 1514

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3



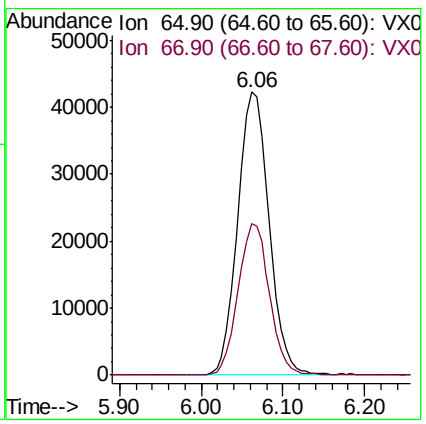


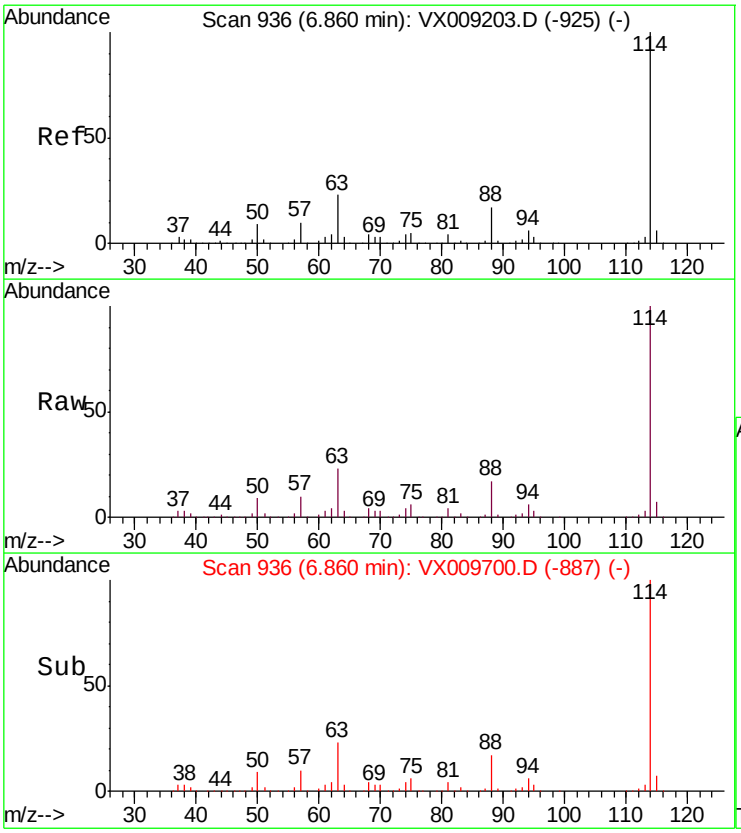
#33
1,2-Dichloroethane-d4
Concen: 49.650 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 65 Resp: 113266

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6

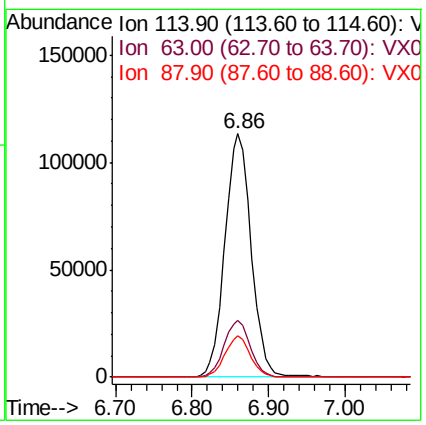


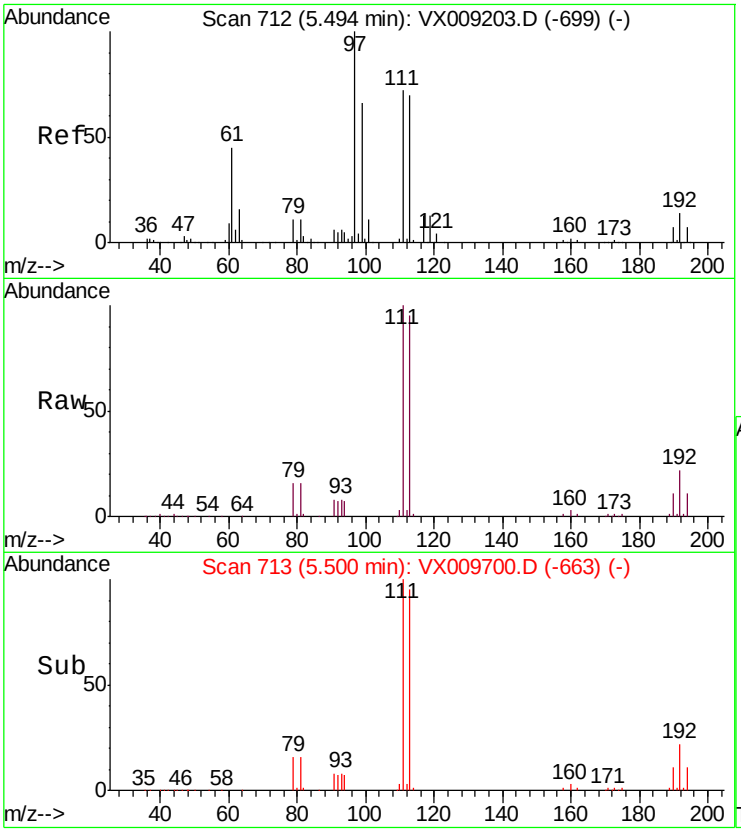


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:114 Resp: 268996

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.6
88	16.9	0.0	33.2



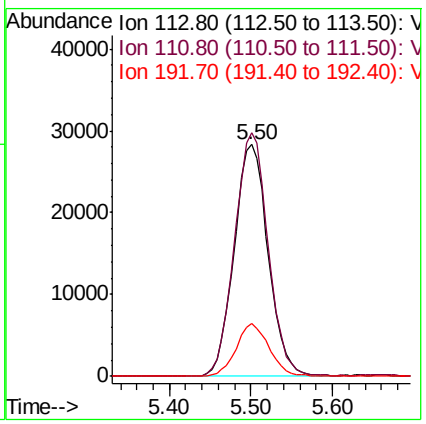


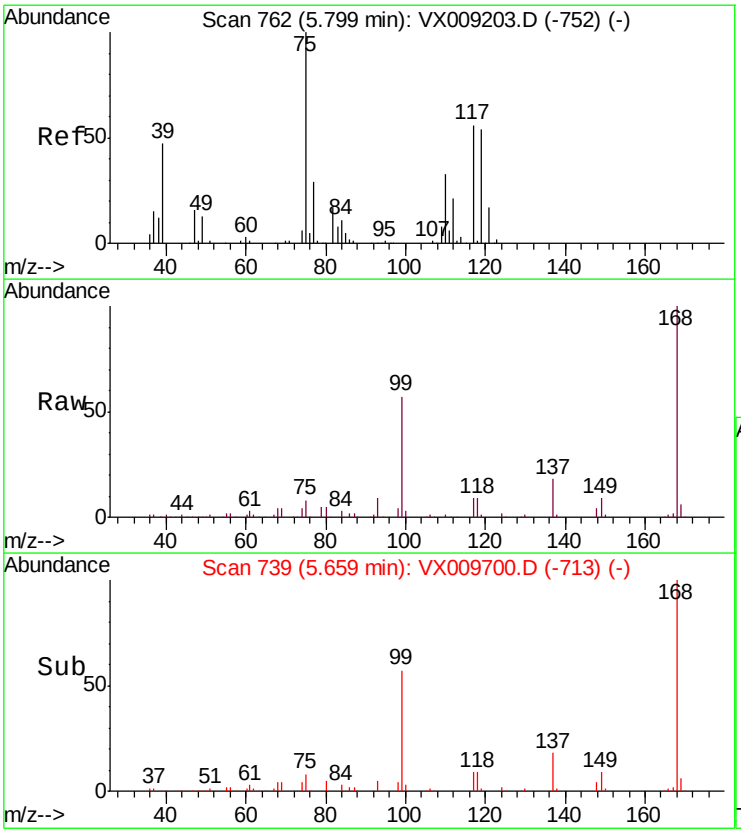
#35
Dibromofluoromethane
Concen: 48.379 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:113 Resp: 81809

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	22.0	17.0	25.6

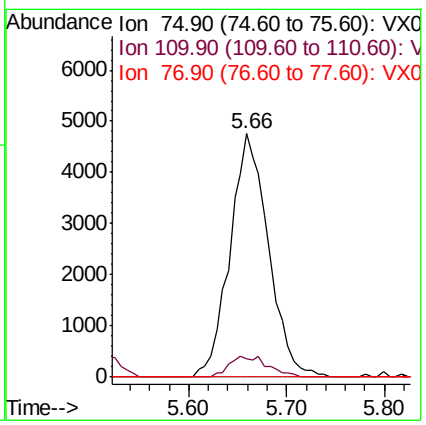


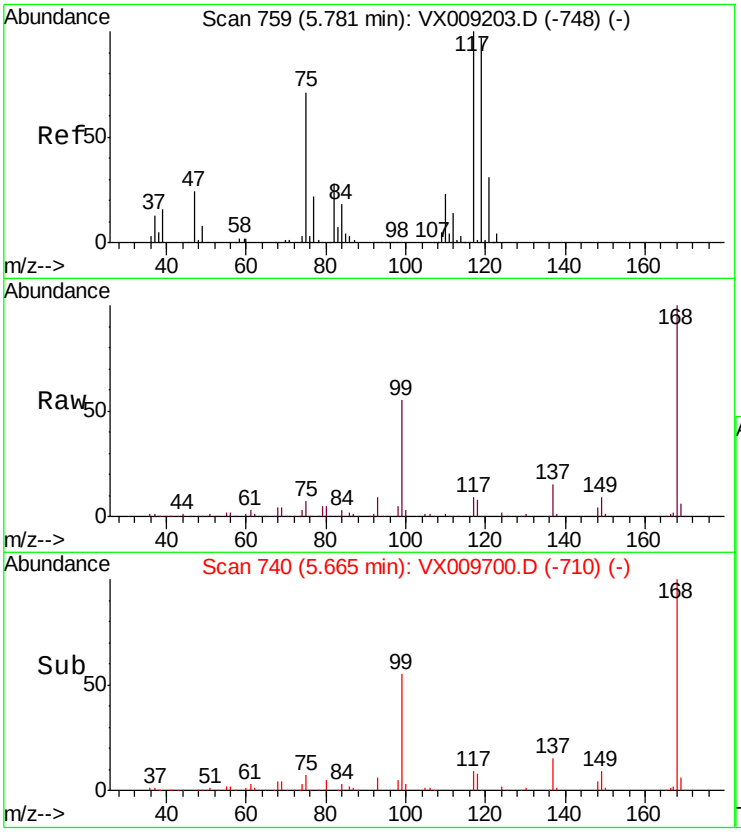


#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 75 Resp: 12991

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.9	50.6#
77	0.0	24.8	37.2#



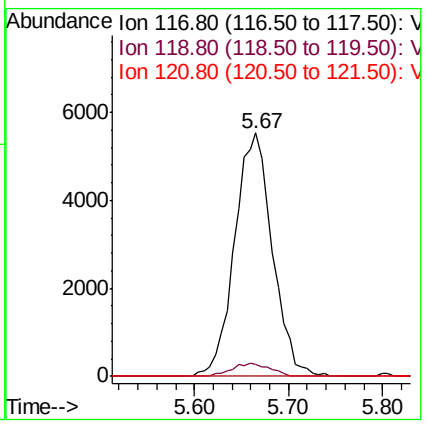


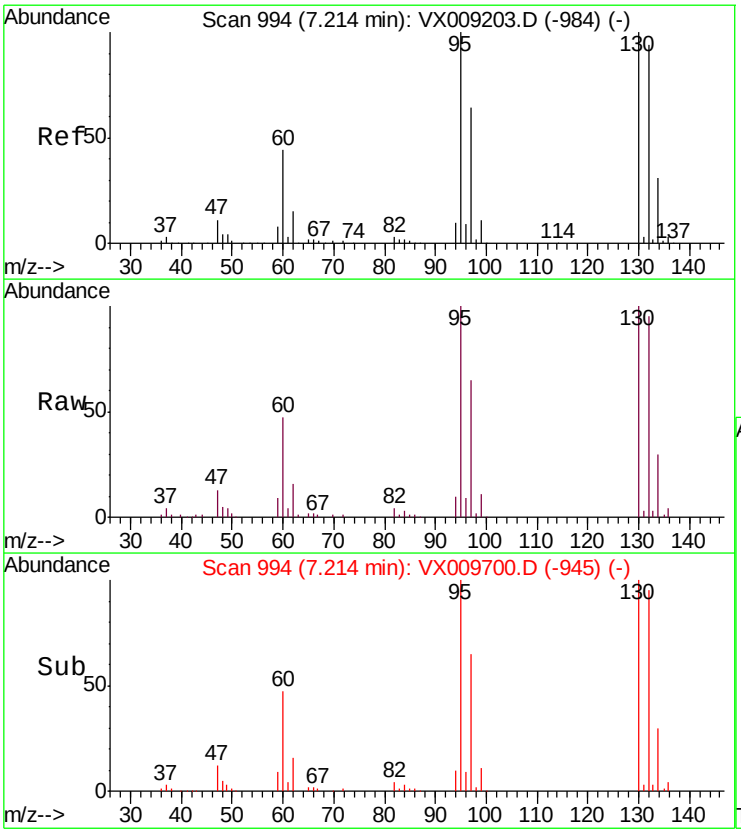
#38
Carbon Tetrachloride
Concen: 6.806 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:117 Resp: 15458

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.5	116.3#
121	0.0	24.7	37.1#

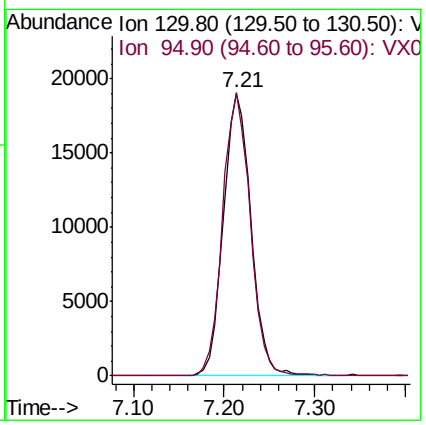


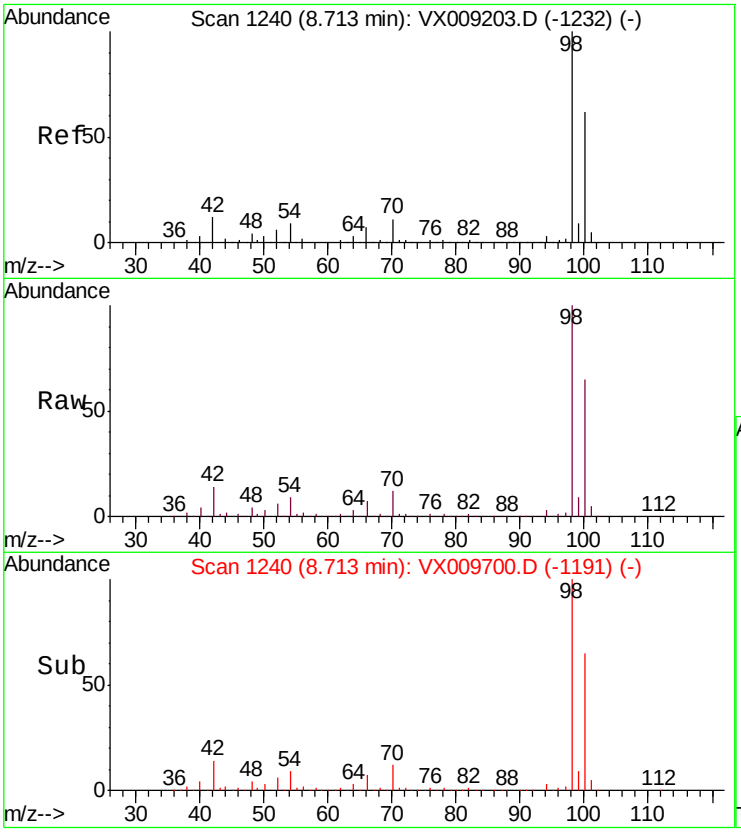


#44
Trichloroethene
Concen: 21.547 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:130 Resp: 40300

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	199.2



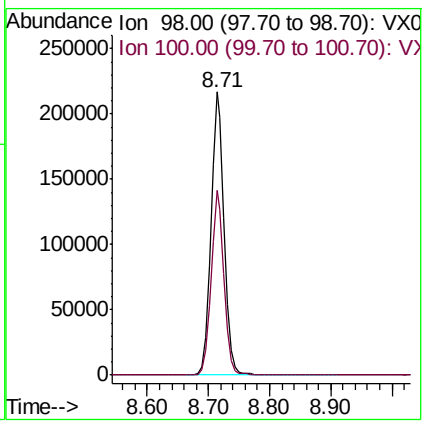


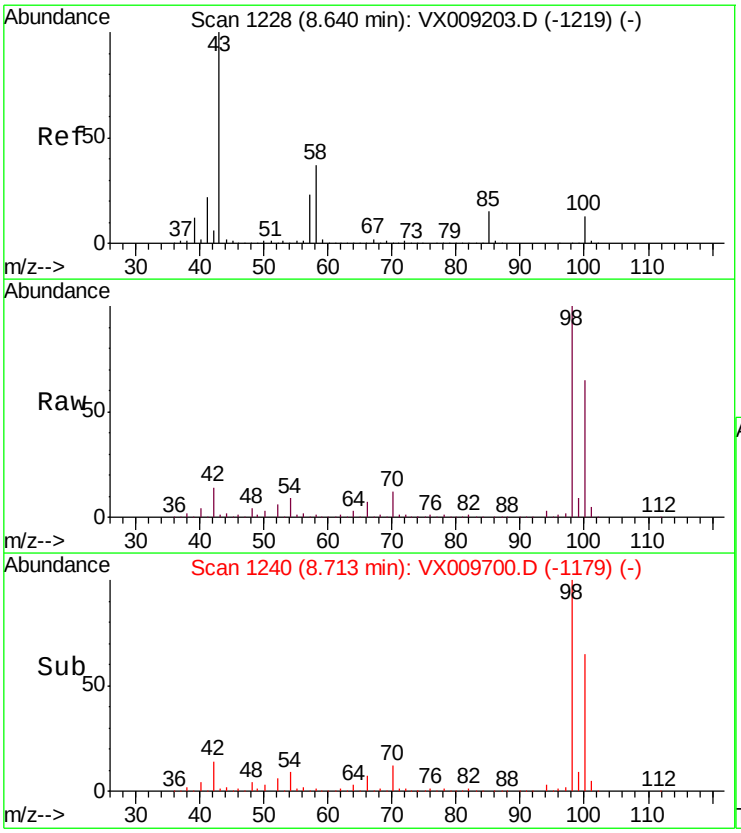
#50
Toluene-d8
Concen: 48.796 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 98 Resp: 333131

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

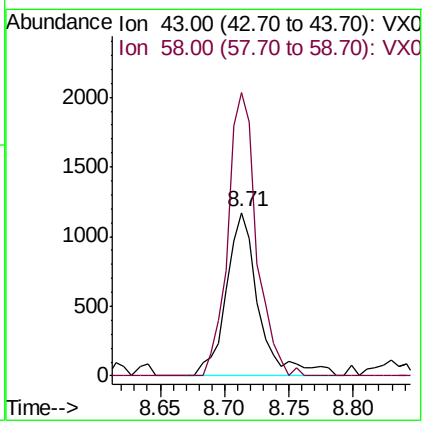


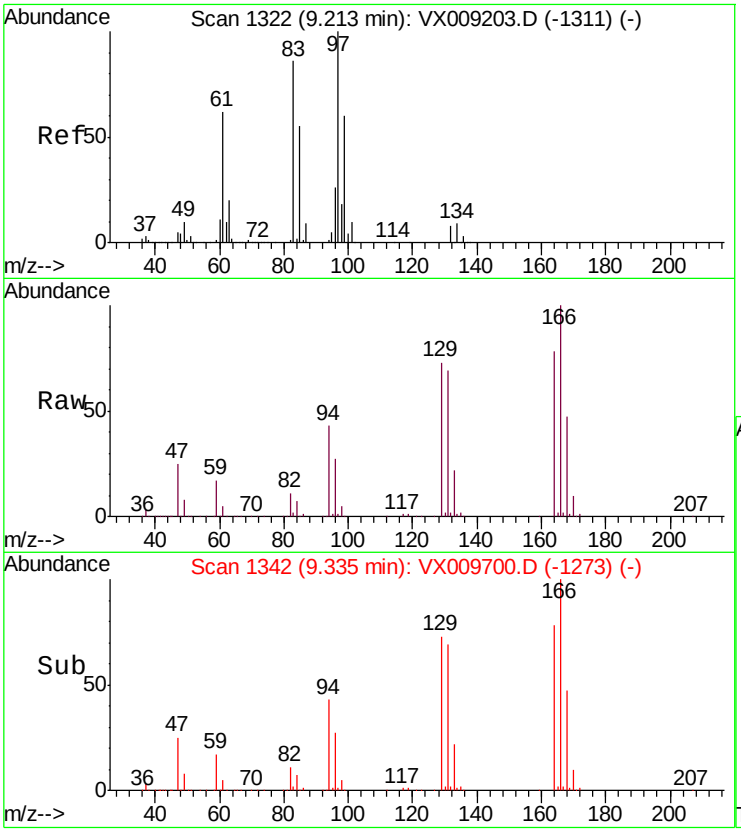


#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
58	153.2	29.5	44.3#



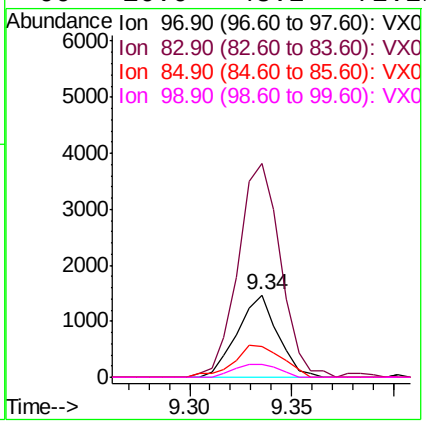


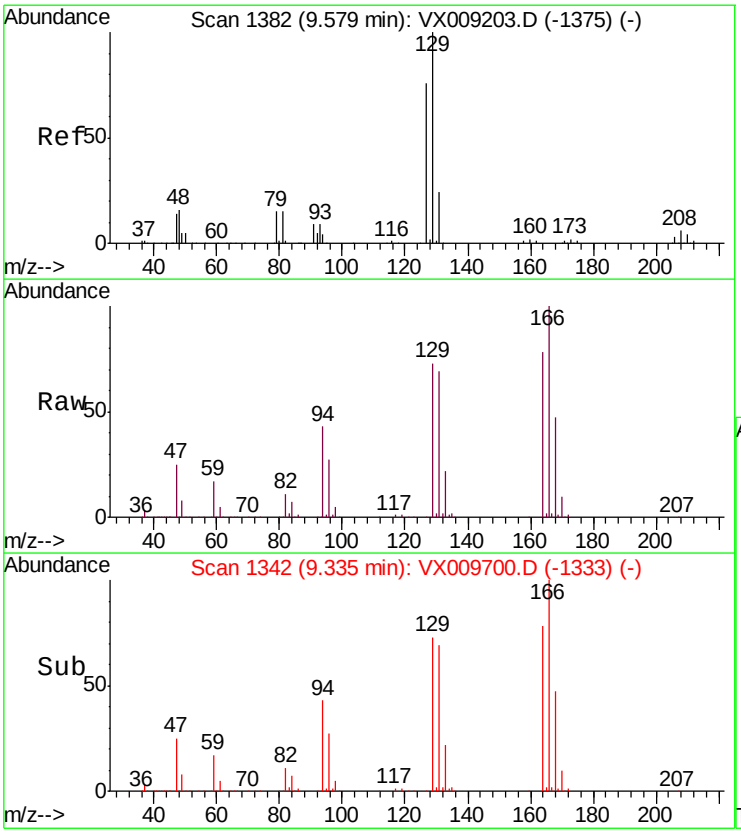
#55
1,1,2-Trichloroethane
Concen: 1.056 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.12 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 97 Resp: 2026

Ion	Ratio	Lower	Upper
97	100		
83	260.0	68.9	103.3#
85	38.0	43.8	65.6#
99	16.0	48.2	72.2#

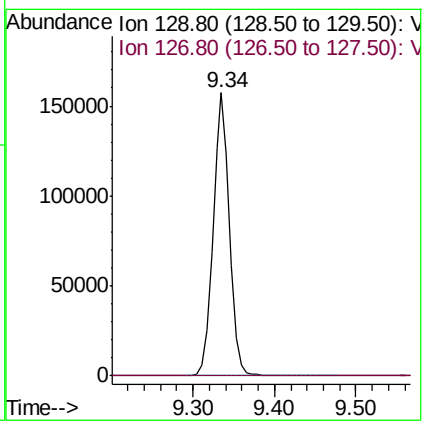


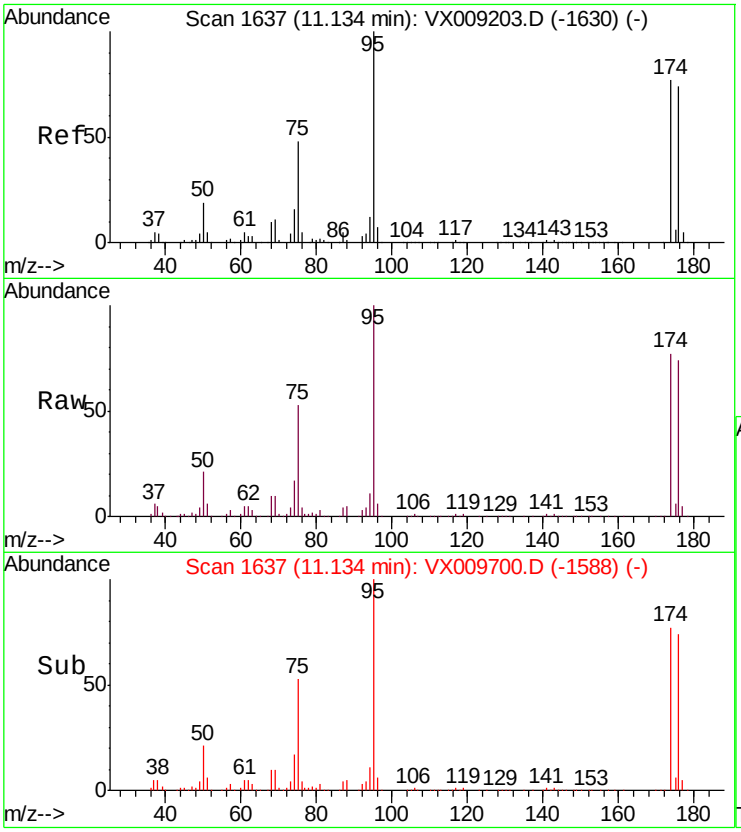


#60
Dibromochloromethane
Concen: 117.727 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:129 Resp: 220606

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.4	115.1#



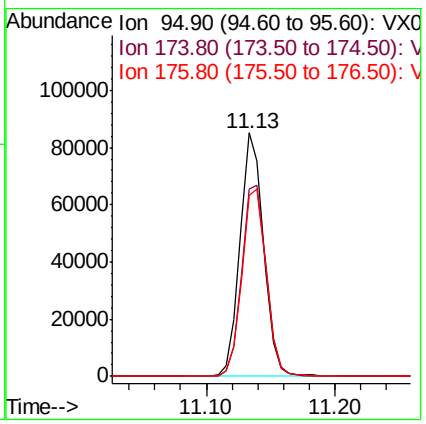


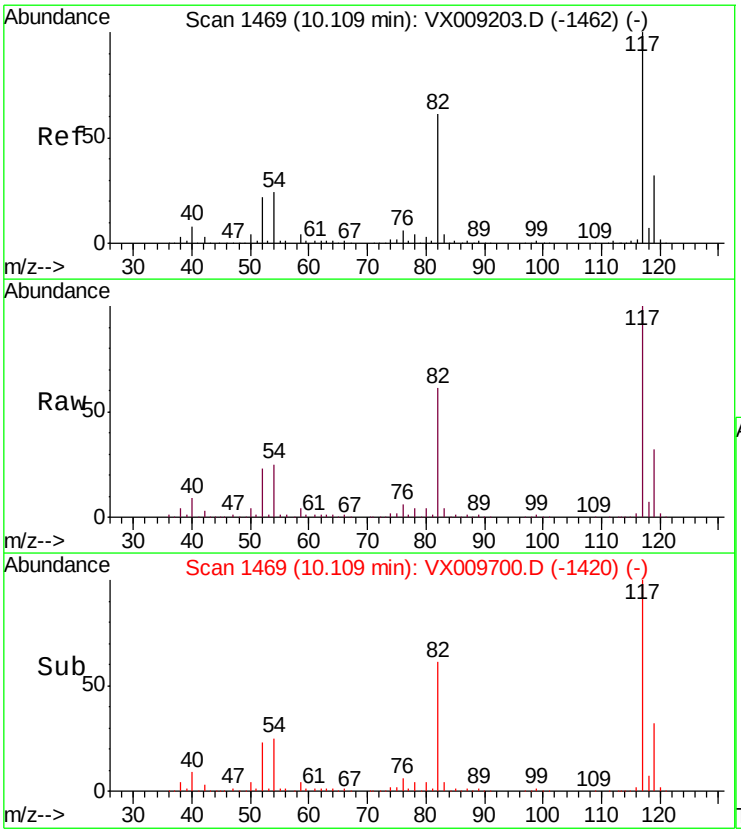
#62
4-Bromofluorobenzene
Concen: 43.186 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 95 Resp: 107132

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	79.3	0.0	159.2

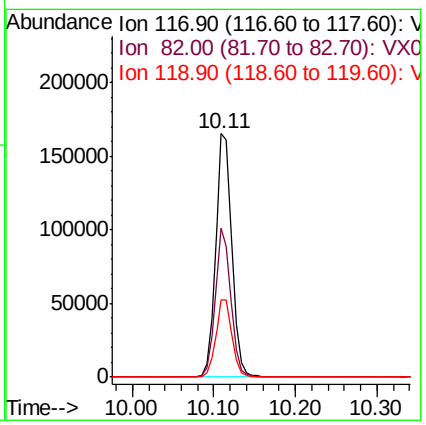


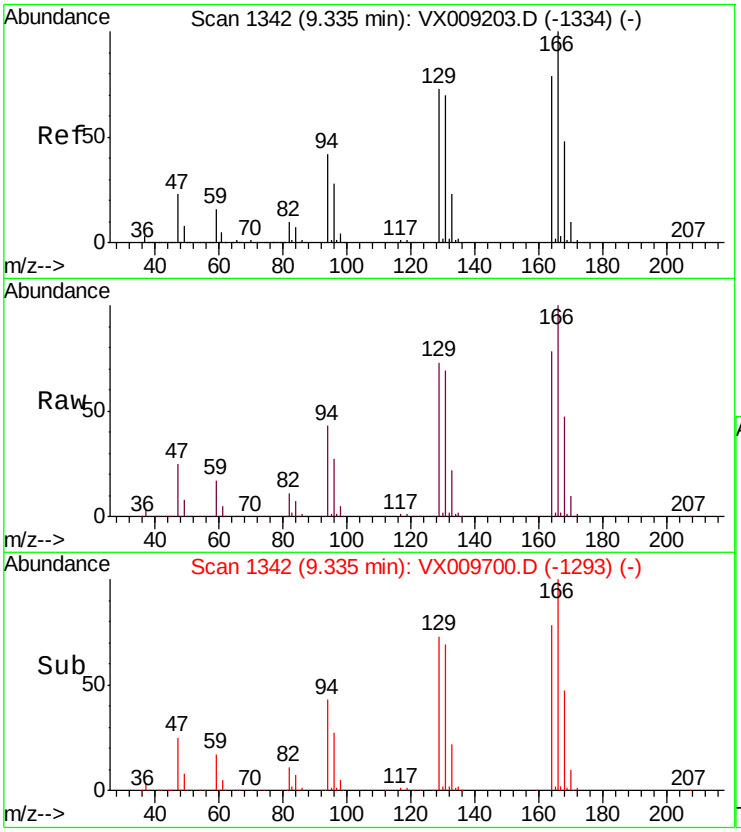


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:117 Resp: 231947

Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.8	73.2
119	32.0	25.8	38.6



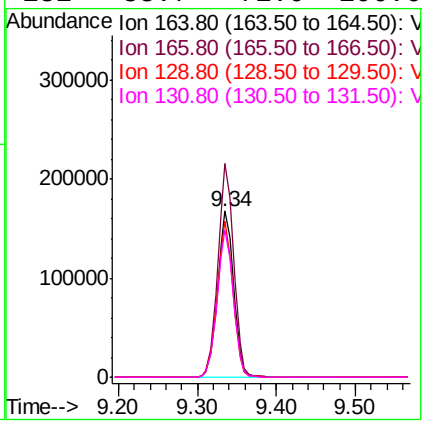


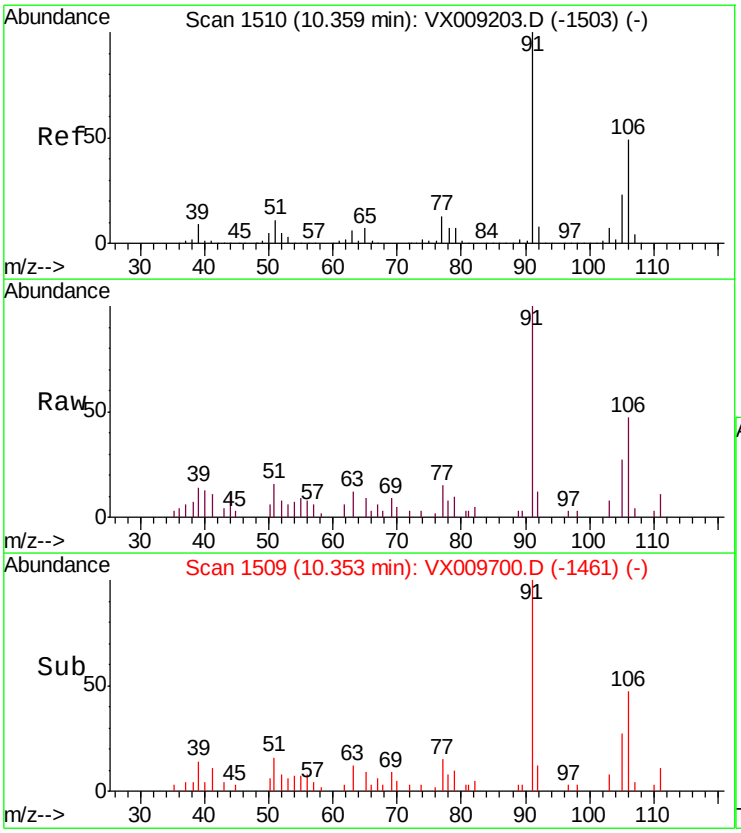
#64
Tetrachloroethene
Concen: 149.857 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:164 Resp: 238430

Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.2	151.8
129	93.7	74.3	111.5
131	88.7	71.0	106.6

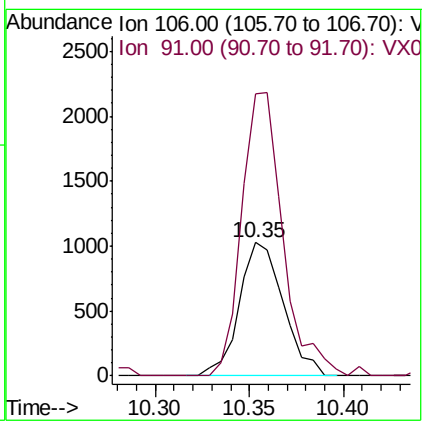


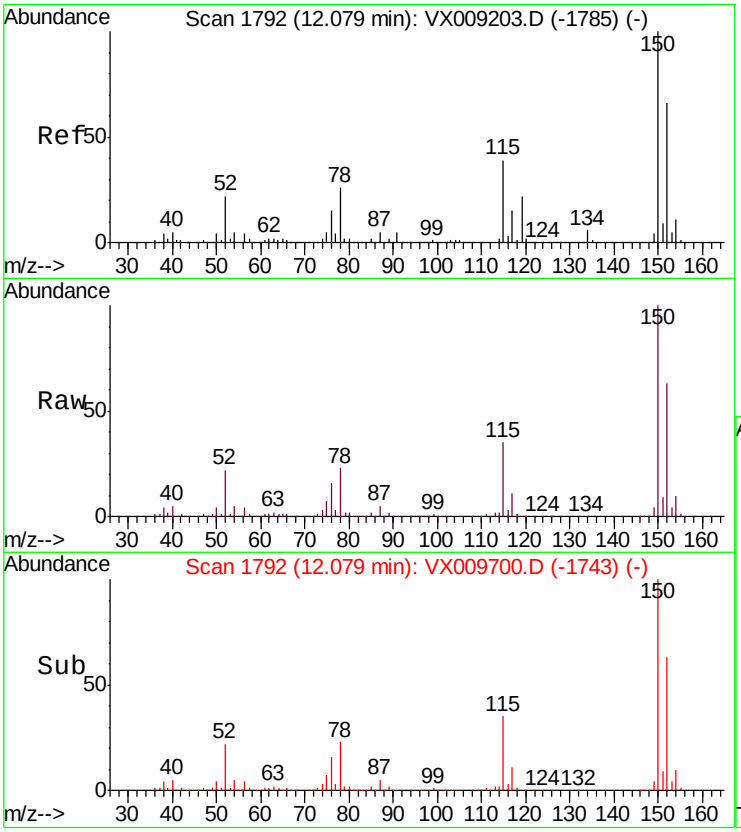


#68
m/p-Xylenes
Concen: 0.534 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:106 Resp: 1665

Ion	Ratio	Lower	Upper
106	100		
91	198.7	164.0	246.0



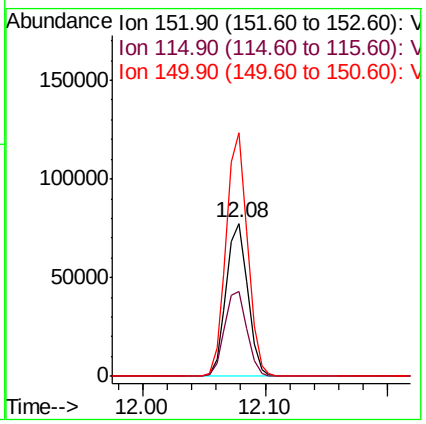


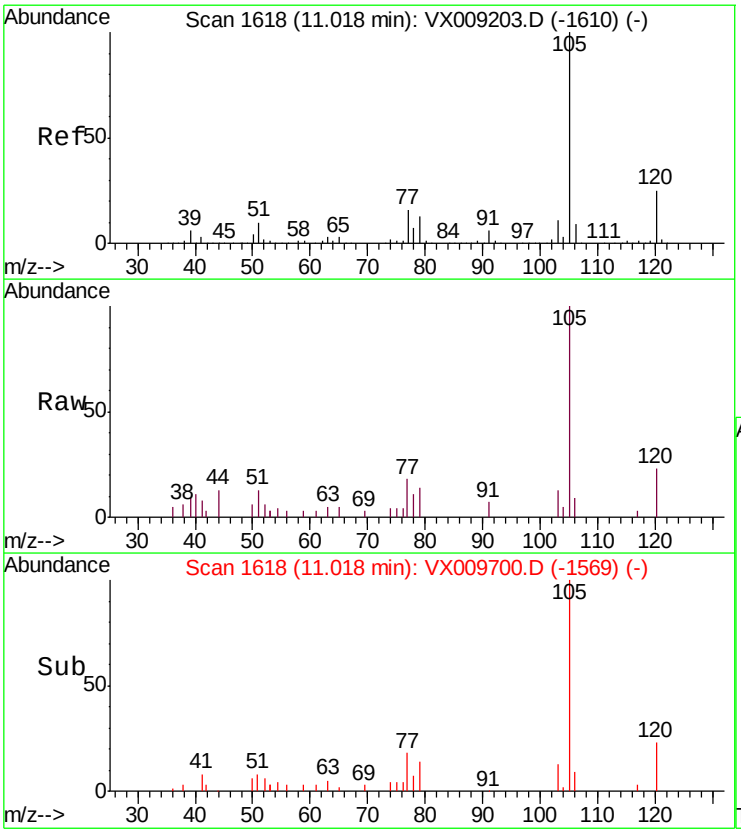
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:152 Resp: 94611

Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.2	123.6
150	157.4	0.0	346.4

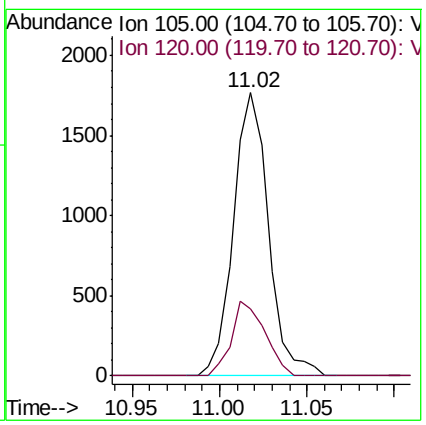


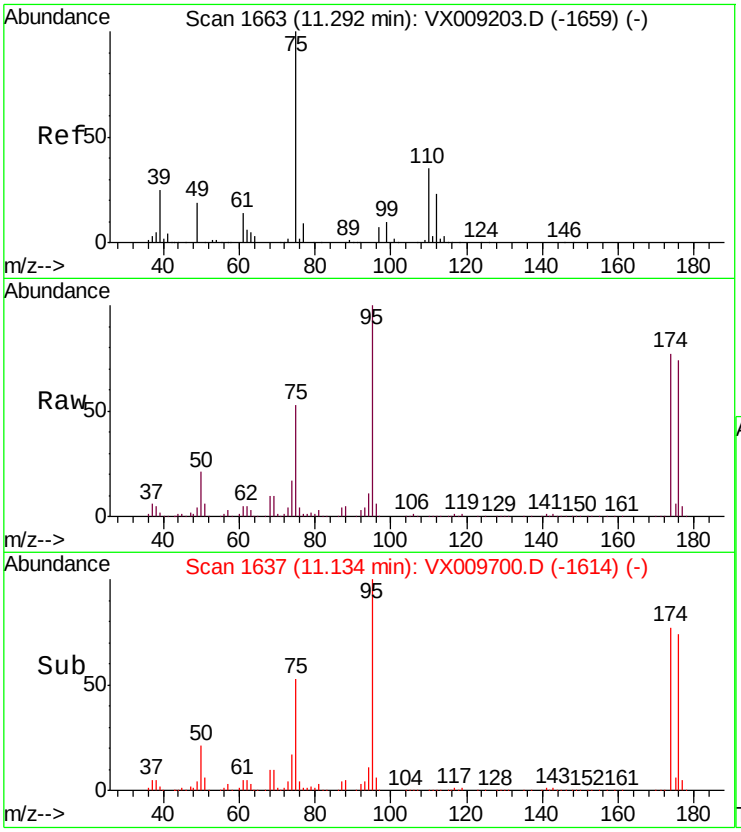


#73
Isopropylbenzene
Concen: 0.358 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:105 Resp: 2465

Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.8	38.3



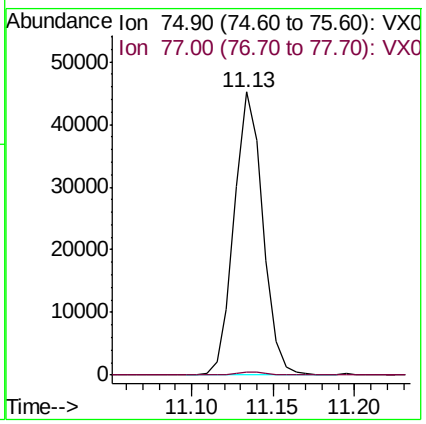


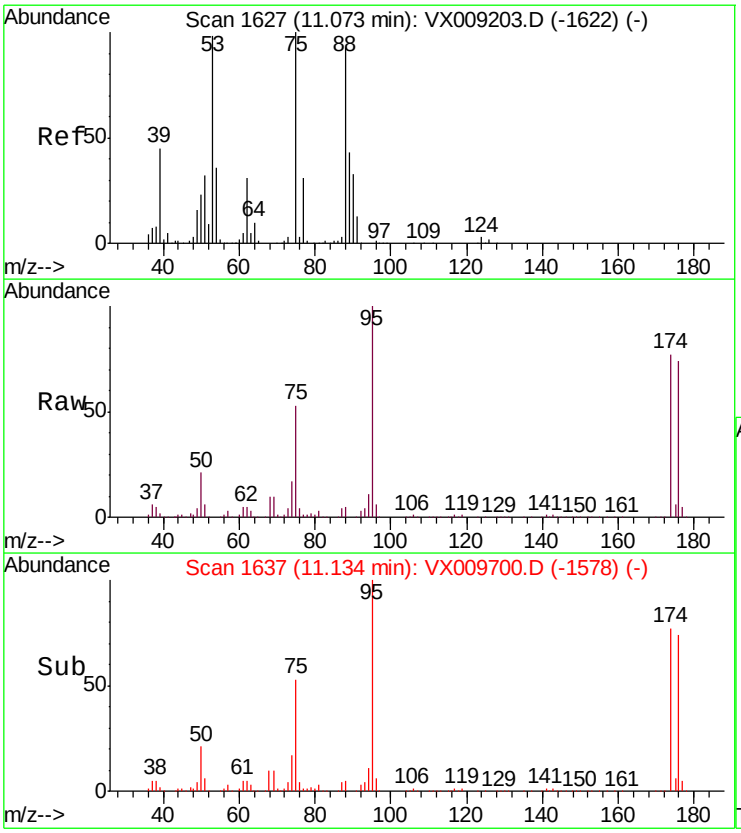
#76
1,2,3-Trichloropropane
Concen: 25.283 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion: 75 Resp: 55487

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#

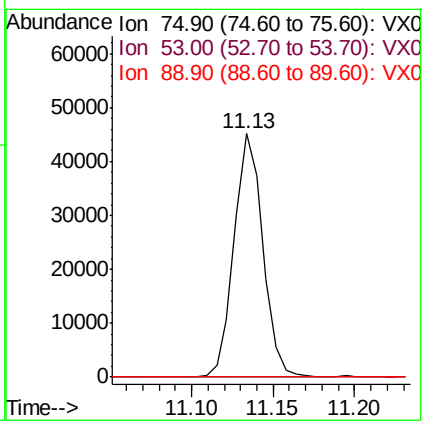


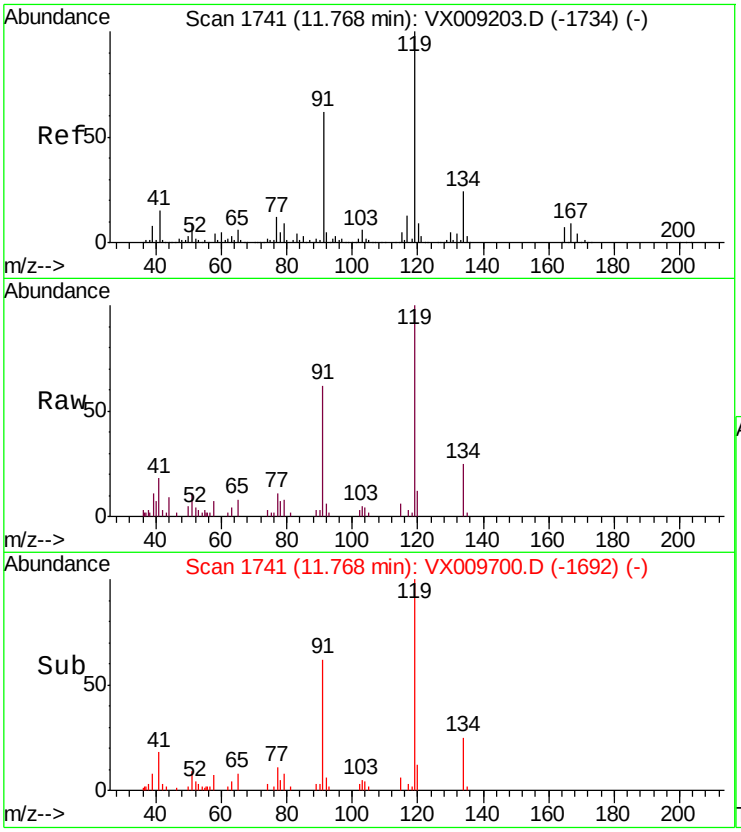


#81
trans-1,4-Dichloro-2-butene
Concen: 64.690 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion: 75 Resp: 55487

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



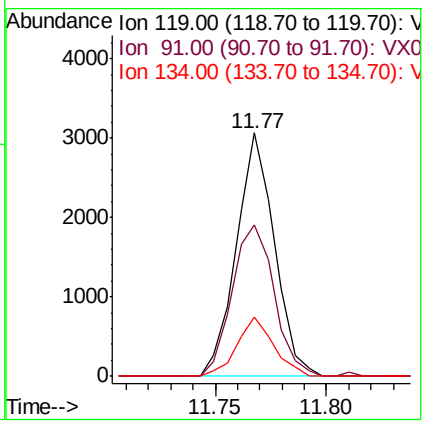


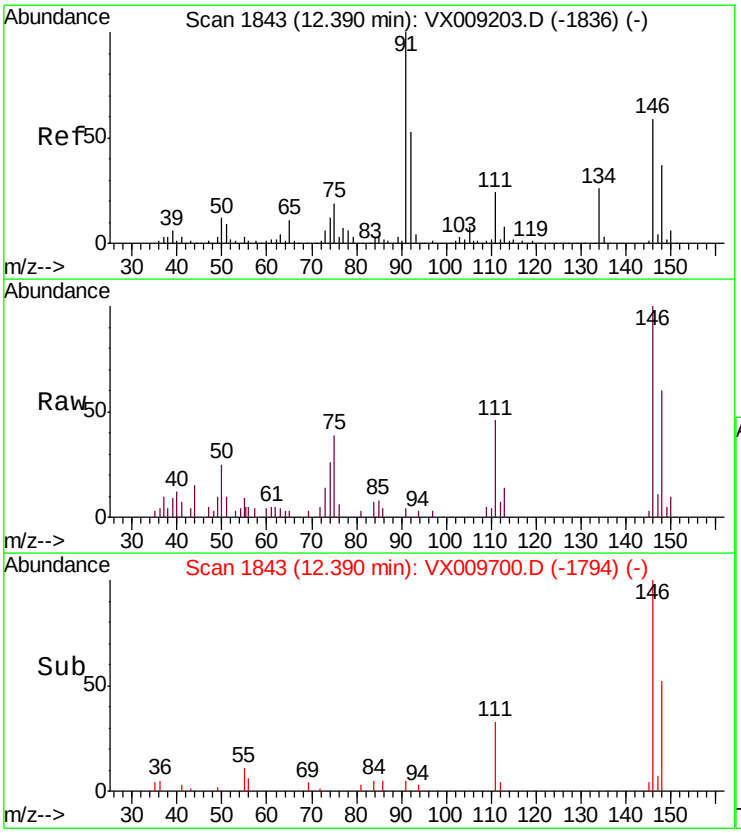
#83
tert-Butylbenzene
Concen: 0.649 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Instrument :
MSVOA_X
ClientSampleId :
MW-10C_R2

Tgt Ion:119 Resp: 3656

Ion	Ratio	Lower	Upper
119	100		
91	68.5	29.5	88.5
134	23.4	11.4	34.1





#91
1,2-Dichlorobenzene
Concen: 0.818 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009700.D
Acq: 18 May 2019 07:26

Tgt Ion:146 Resp: 2535

Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.8	62.4
148	69.1	31.9	95.9