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

Quantitation Report (Not Reviewed)

Data File : VX009698.D
Acq On : 18 May 2019 06:39
Operator : JC/SP
Sample : K2901-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-10B_R2

Quant Time: May 20 04:15:13 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	168449	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	267469	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	233136	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94722	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	113291	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.54%				
35) Dibromofluoromethane	5.50	113	82498	49.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.12%				
50) Toluene-d8	8.71	98	334895	49.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.66%				
62) 4-Bromofluorobenzene	11.13	95	109279	44.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	474	0.224	ug/l		99
6) Chloroethane	1.70	64	285	0.215	ug/l	#	82
10) Methyl Iodide	2.51	142	101	4.644	ug/l	#	42
11) Tert butyl alcohol	3.03	59	387	0.727	ug/l	#	73
13) Acrolein	2.29	56	108	0.224	ug/l	#	79
16) Acetone	2.45	43	3109	2.518	ug/l		96
21) trans-1,2-Dichloroethene	3.17	96	443	0.258	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	17221	8.417	ug/l		87
28) Bromochloromethane	5.01	49	115	Below Cal		#	20
36) 1,1-Dichloropropene	5.67	75	13421	5.399	ug/l	#	46
38) Carbon Tetrachloride	5.66	117	15735	6.967	ug/l	#	16
44) Trichloroethene	7.22	130	13332	7.169	ug/l		98
55) 1,1,2-Trichloroethane	9.34	97	652	0.342	ug/l	#	1
60) Dibromochloromethane	9.34	129	62841	33.727	ug/l	#	11
64) Tetrachloroethene	9.34	164	67699	42.333	ug/l		100
68) m/p-Xylenes	10.36	106	1450	0.462	ug/l		92
73) Isopropylbenzene	11.02	105	1897	0.275	ug/l		90
76) 1,2,3-Trichloropropane	11.13	75	56269	25.609	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	56269	65.525	ug/l	#	10
83) tert-Butylbenzene	11.77	119	3124	0.554	ug/l		88
91) 1,2-Dichlorobenzene	12.39	146	2246	0.724	ug/l		97

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

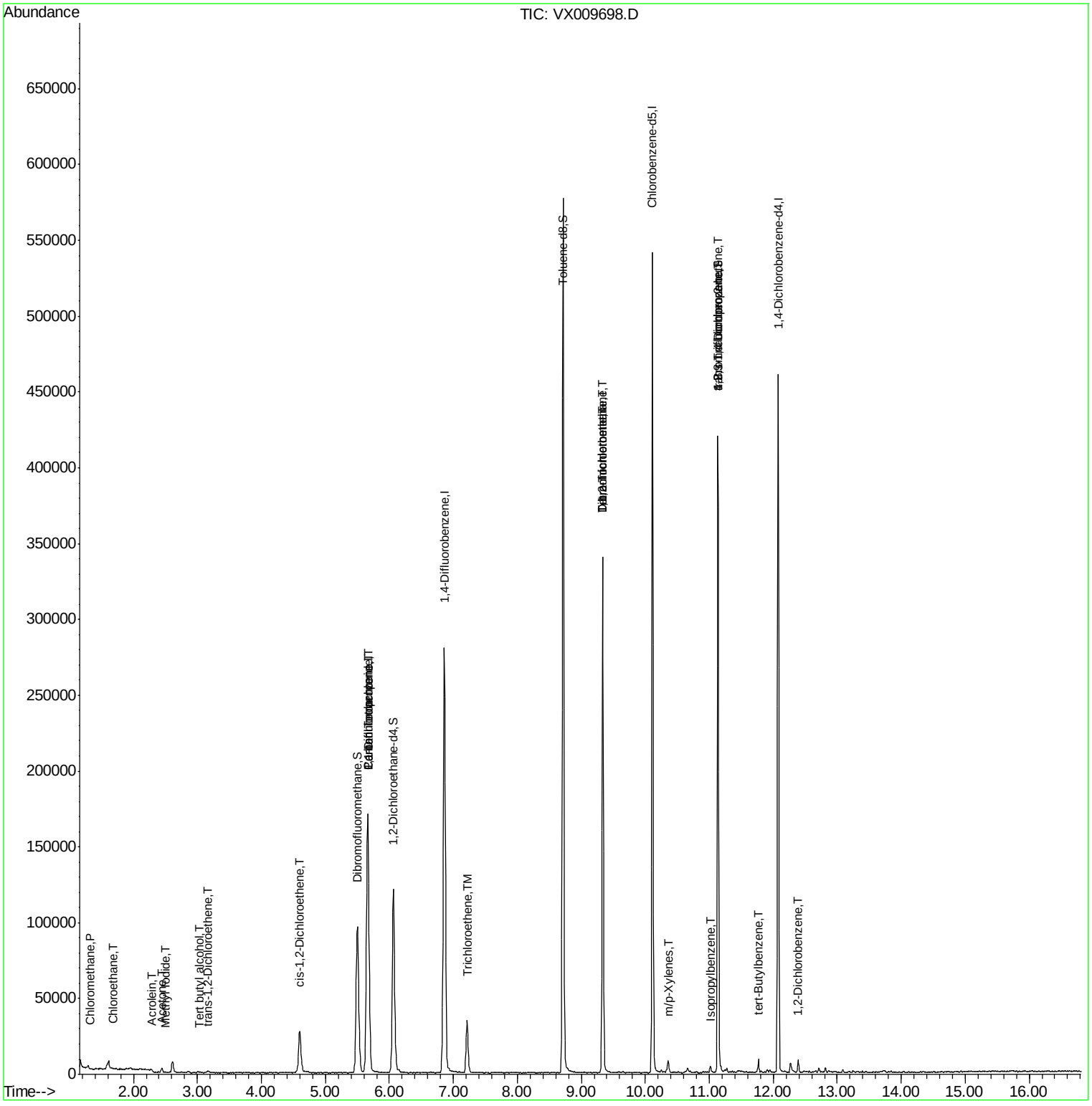
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\

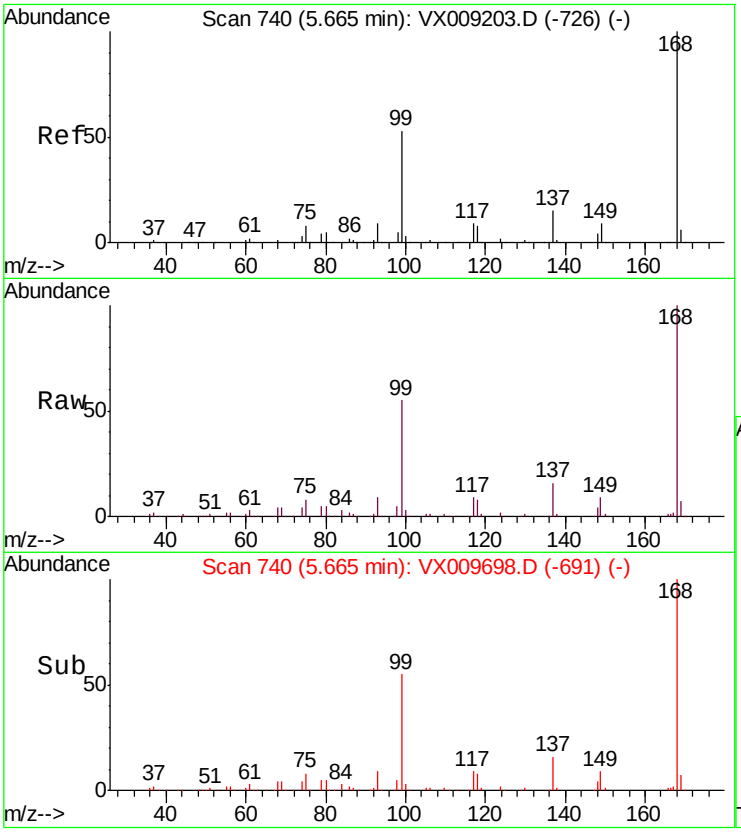
Quantitation Report (Not Reviewed)

Data File : VX009698.D
Acq On : 18 May 2019 06:39
Operator : JC/SP
Sample : K2901-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Quant Time: May 20 04:15:13 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



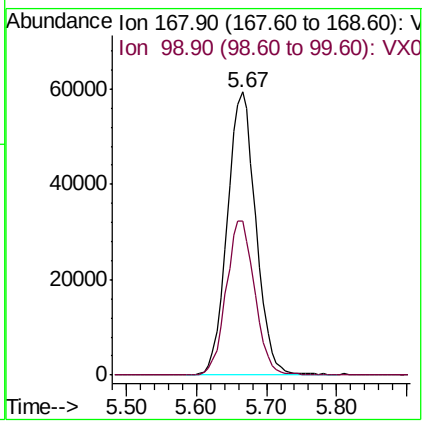


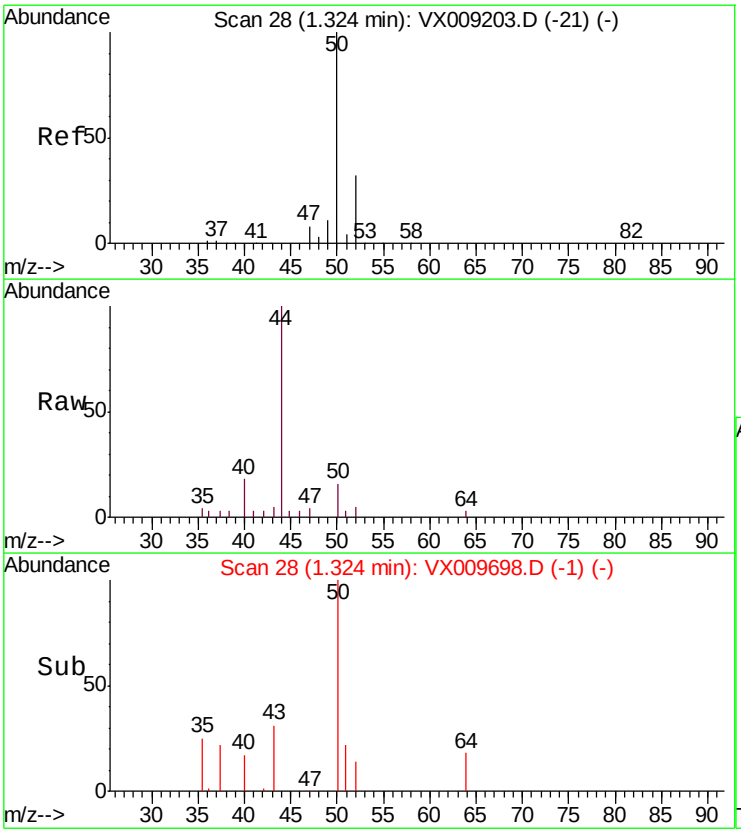
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:168 Resp: 168449

Ion	Ratio	Lower	Upper
168	100		
99	54.6	42.3	63.5

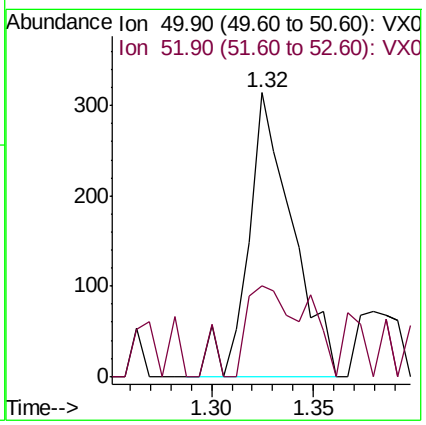


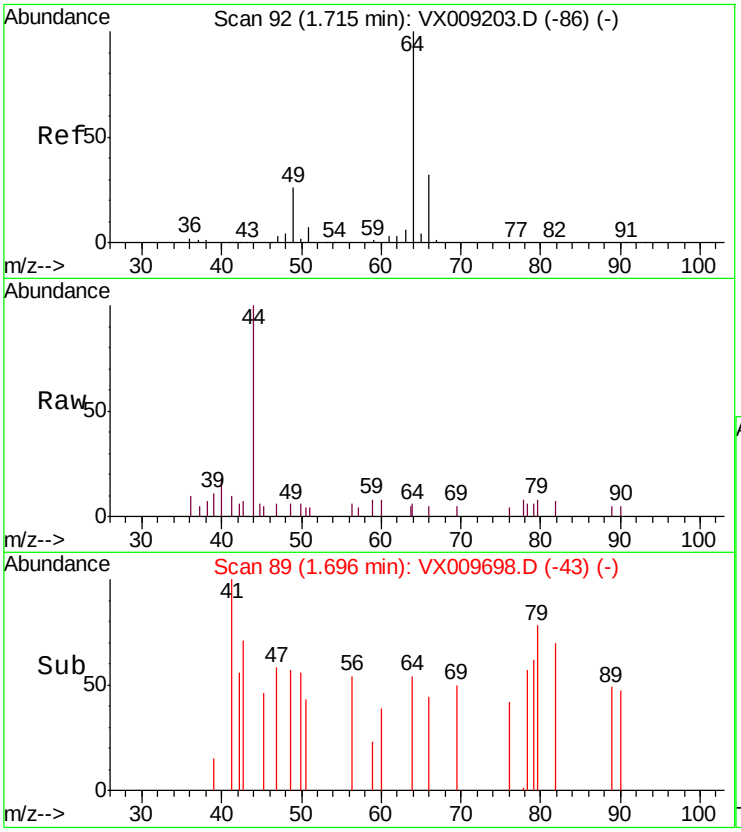


#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 50 Resp: 474

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.9	38.9



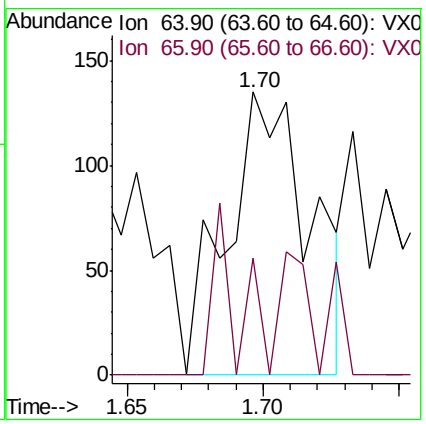


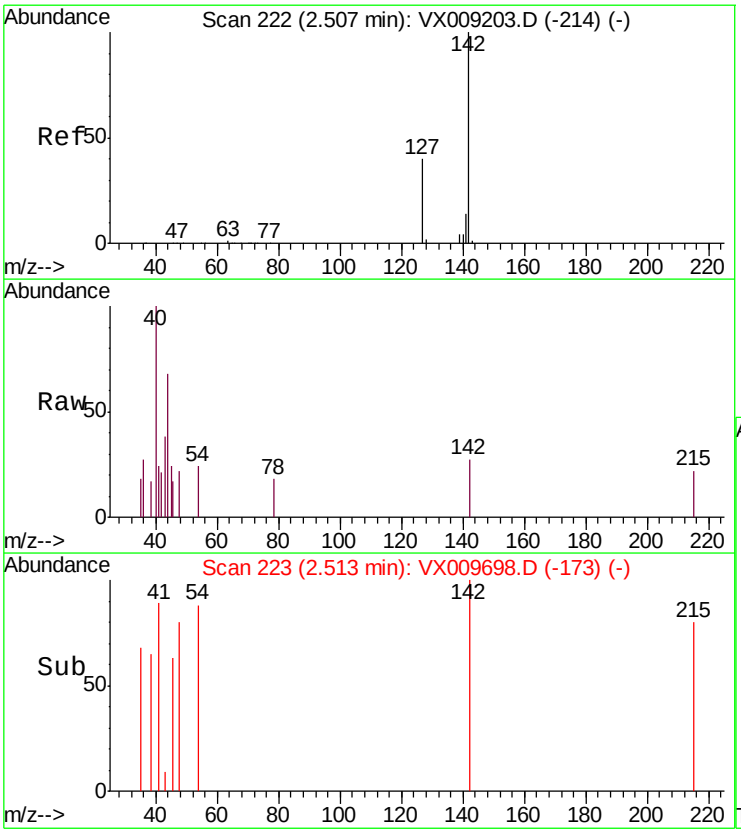
#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 64 Resp: 285

Ion	Ratio	Lower	Upper
64	100		
66	41.5	25.3	37.9#

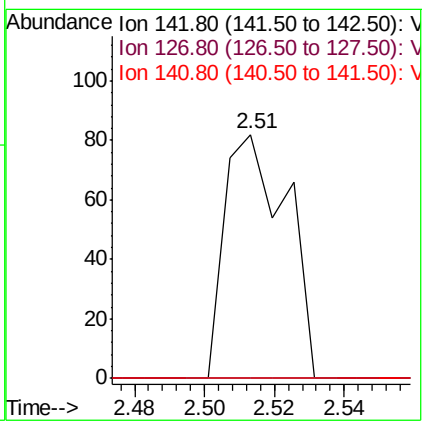


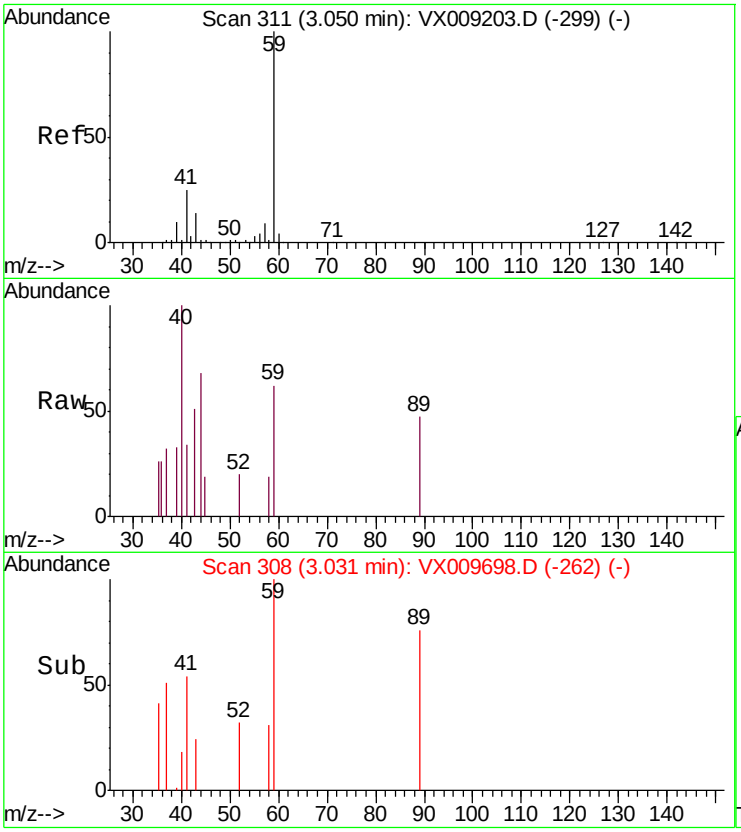


#10
Methyl Iodide
Concen: 4.644 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:142 Resp: 101

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



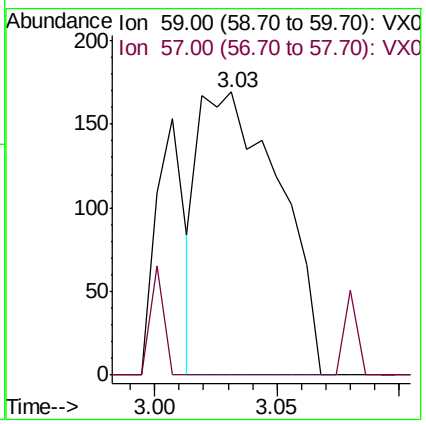


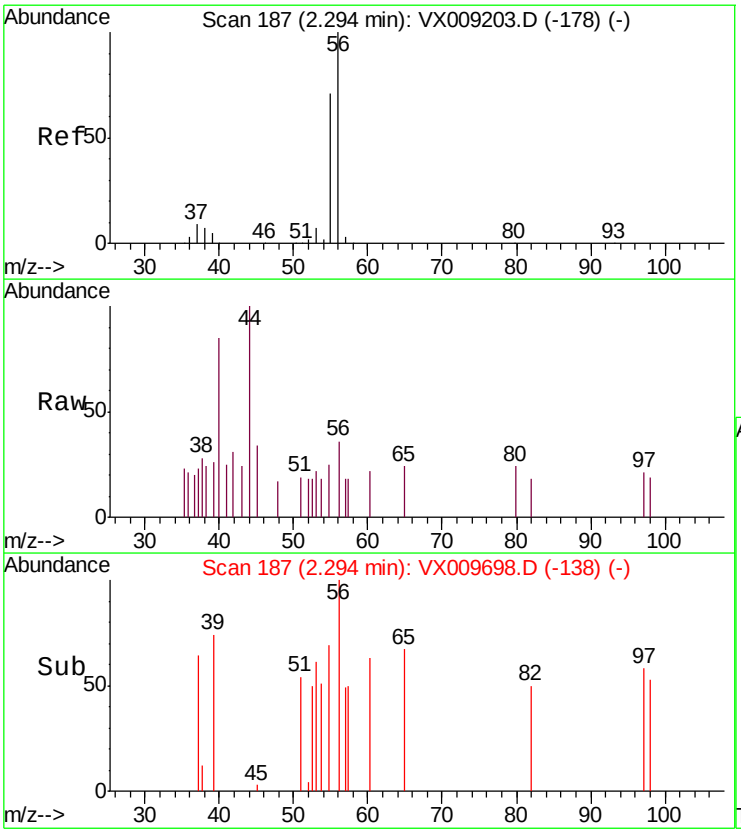
#11
Tert butyl alcohol
Concen: 0.727 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 59 Resp: 387

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

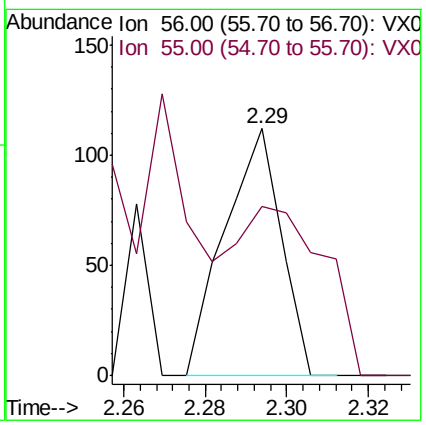


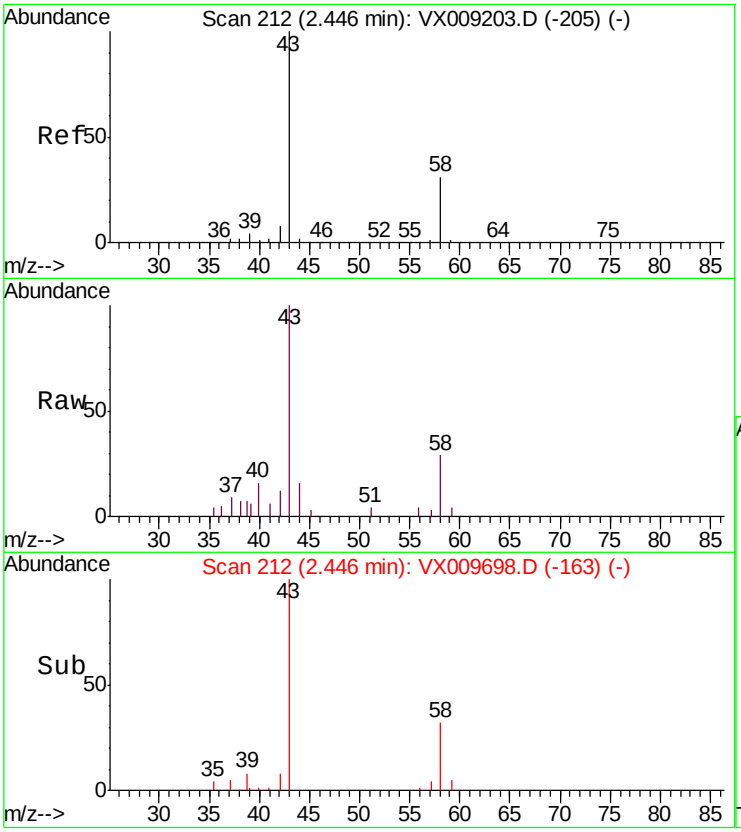


#13
Acrolein
Concen: 0.224 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 56 Resp: 108

Ion	Ratio	Lower	Upper
56	100		
55	88.0	56.6	85.0#



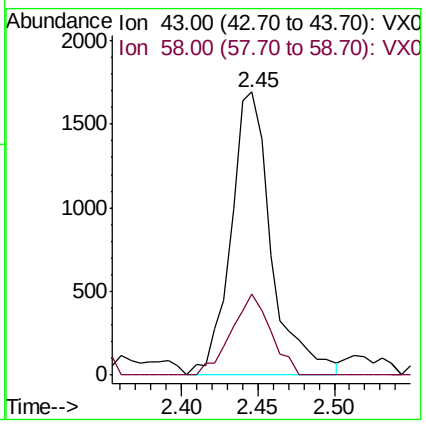


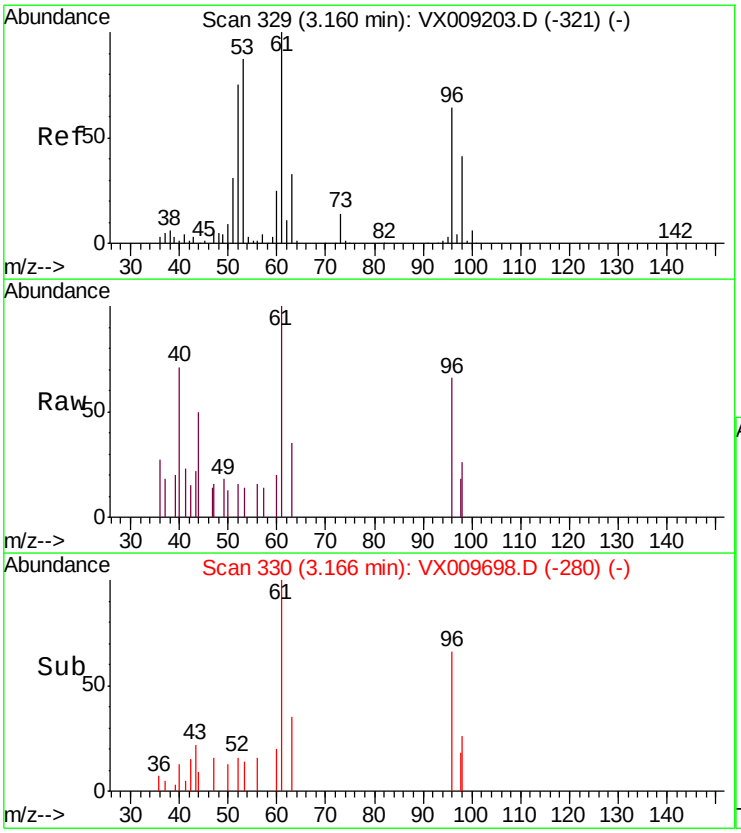
#16
Acetone
Concen: 2.518 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 43 Resp: 3109

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.9	37.3

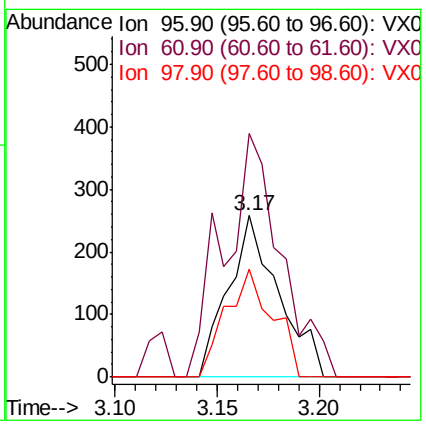


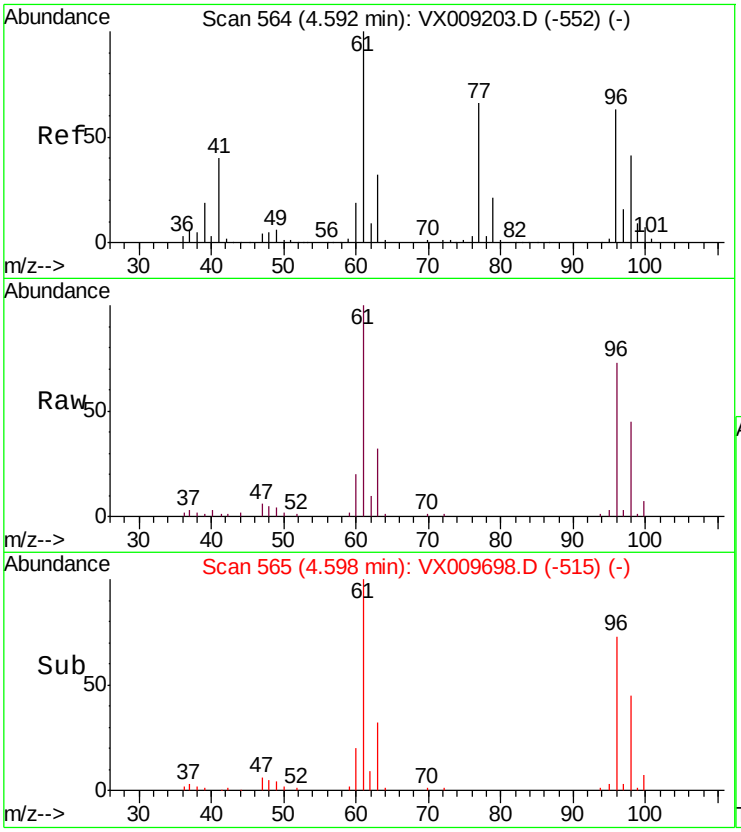


#21
trans-1,2-Dichloroethene
Concen: 0.258 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 96 Resp: 443

Ion	Ratio	Lower	Upper
96	100		
61	150.8	124.5	186.7
98	66.7	50.4	75.6



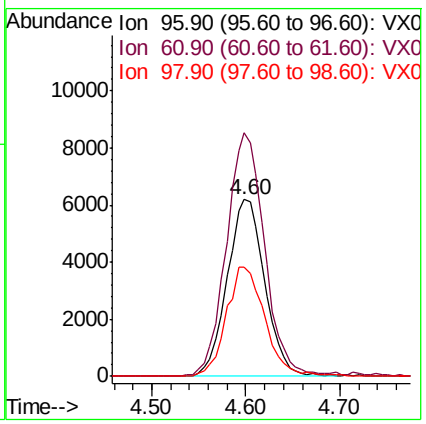


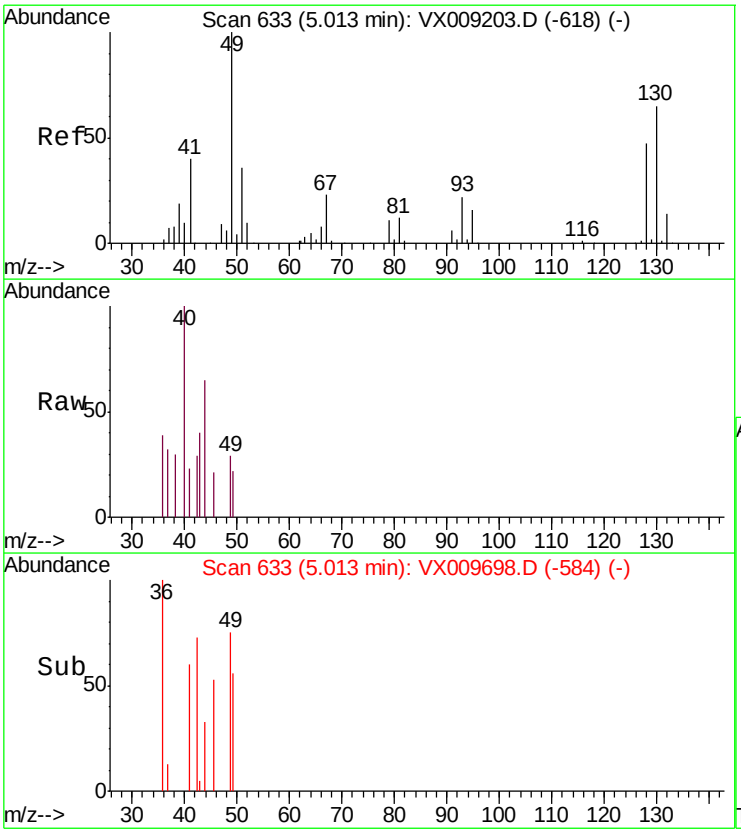
#27
cis-1,2-Dichloroethene
Concen: 8.417 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 96 Resp: 17221

Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	324.0
98	62.9	0.0	130.4

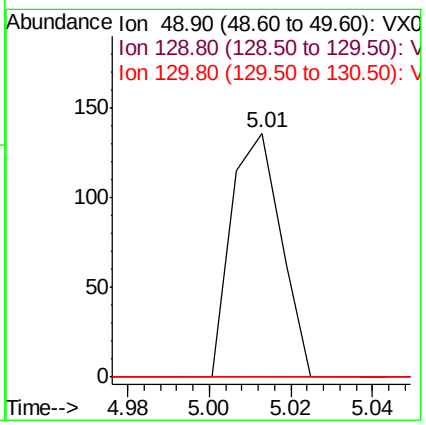


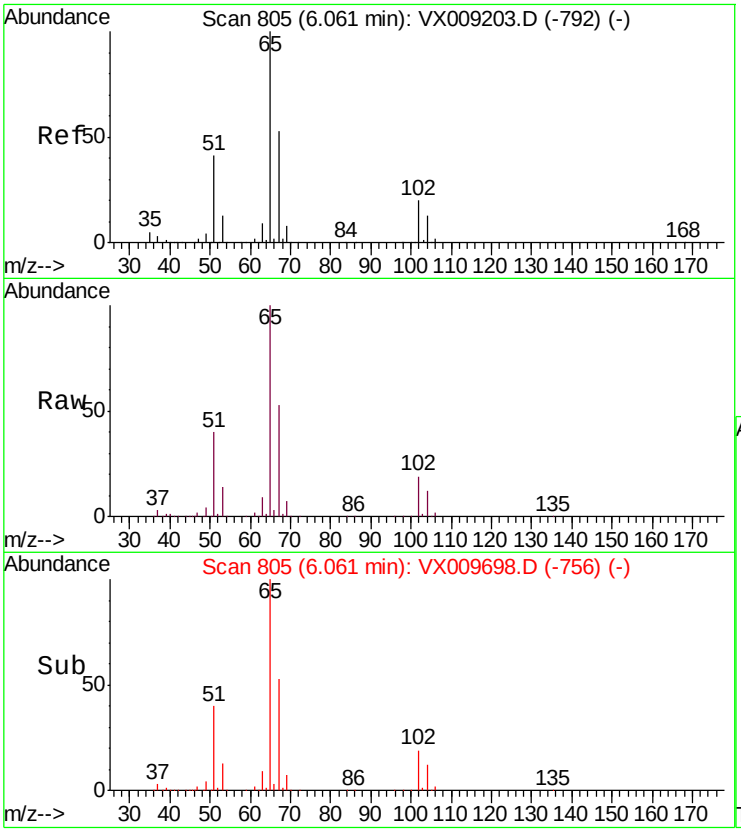


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 49 Resp: 115

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



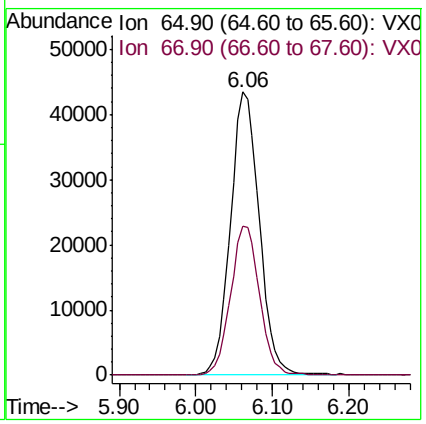


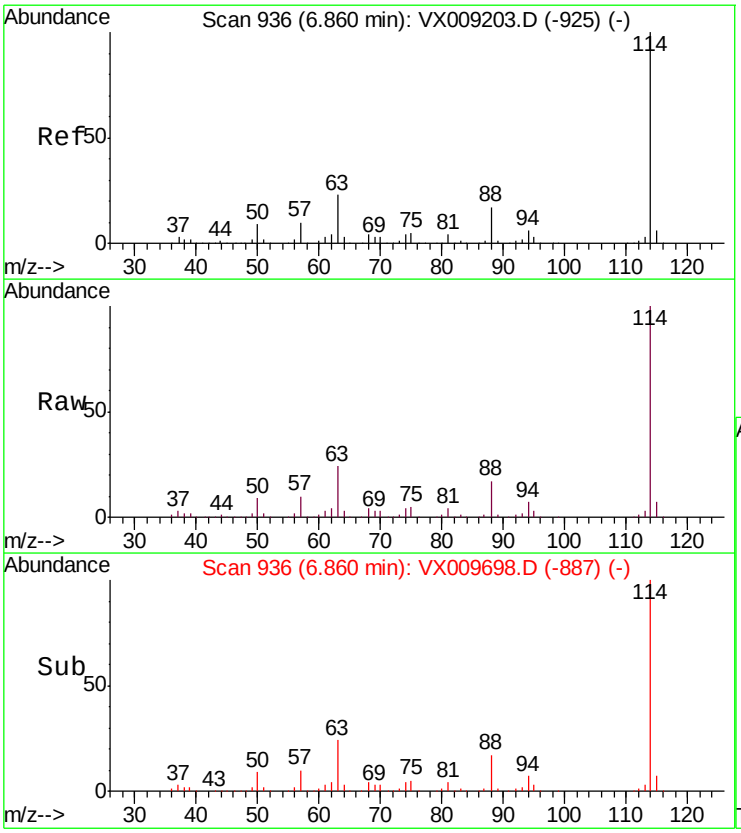
#33
1,2-Dichloroethane-d4
Concen: 49.267 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 65 Resp: 113291

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6

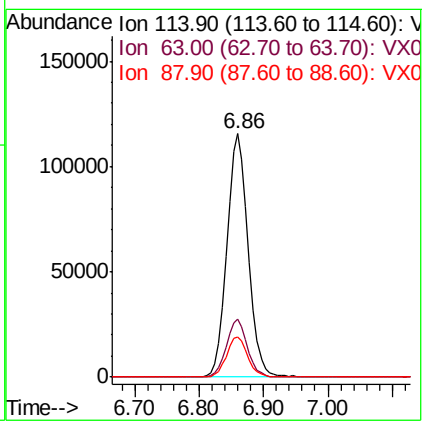


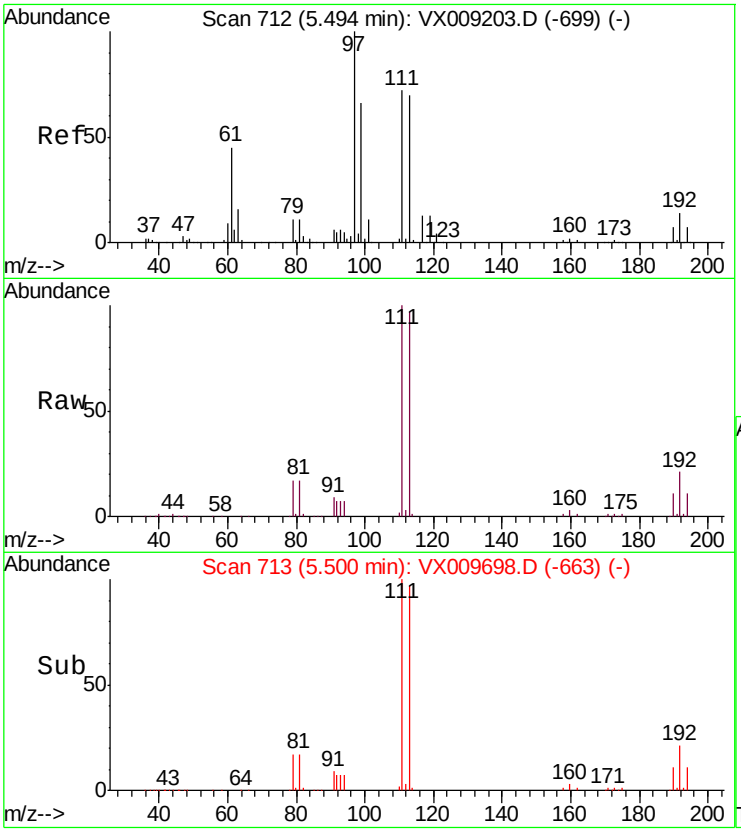


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:114 Resp: 267469

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	45.6
88	16.6	0.0	33.2



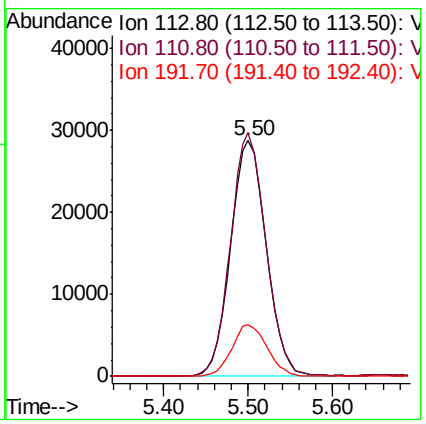


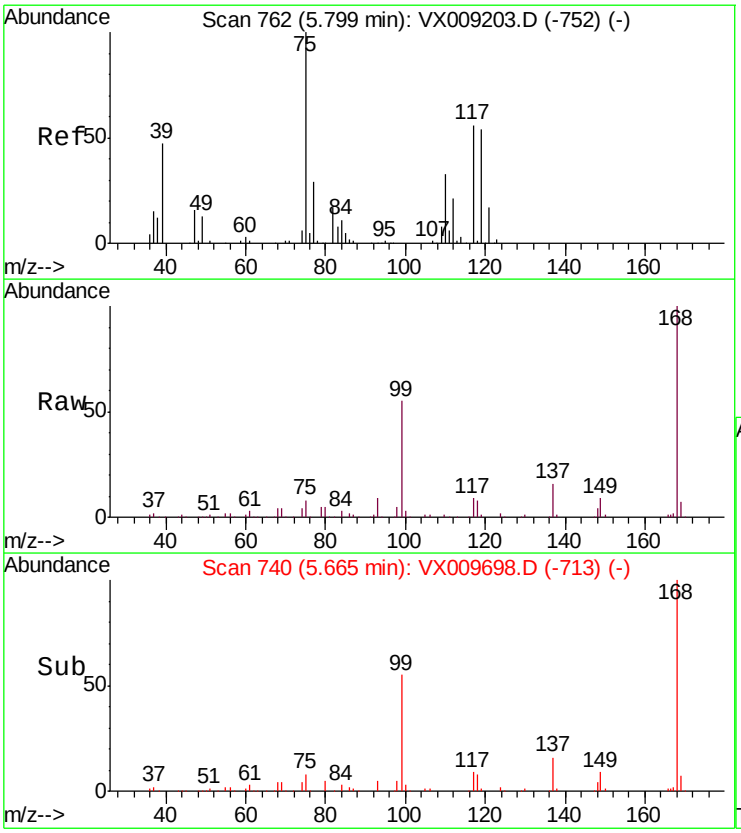
#35
Dibromofluoromethane
Concen: 49.065 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:113 Resp: 82498

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.8	124.2
192	21.7	17.0	25.6

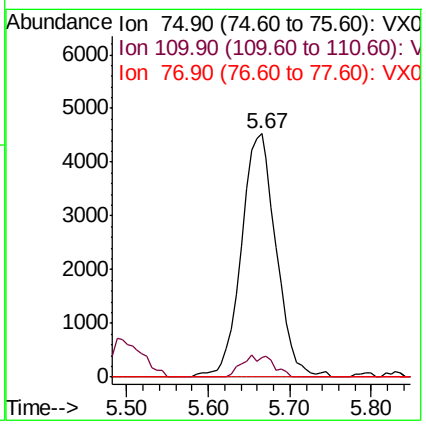


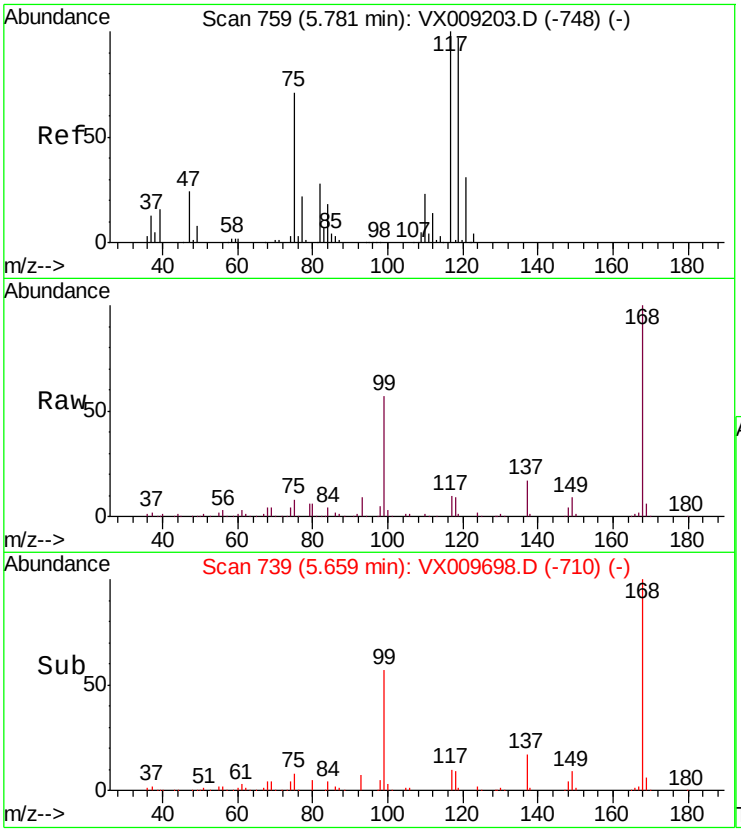


#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 75 Resp: 13421

Ion	Ratio	Lower	Upper
75	100		
110	4.1	16.9	50.6#
77	0.0	24.8	37.2#



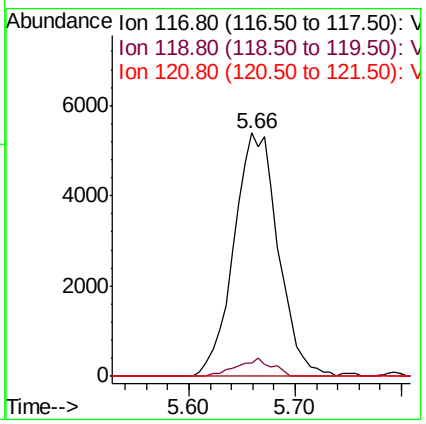


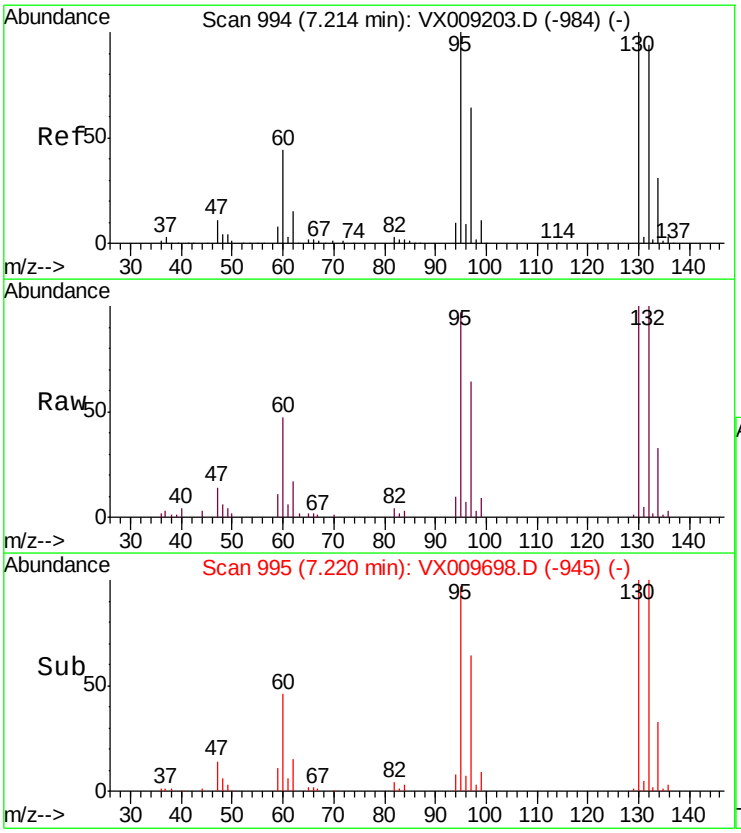
#38
Carbon Tetrachloride
Concen: 6.967 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:117 Resp: 15735

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.5	116.3#
121	0.0	24.7	37.1#

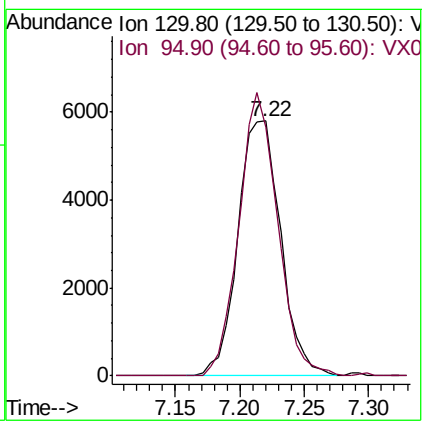


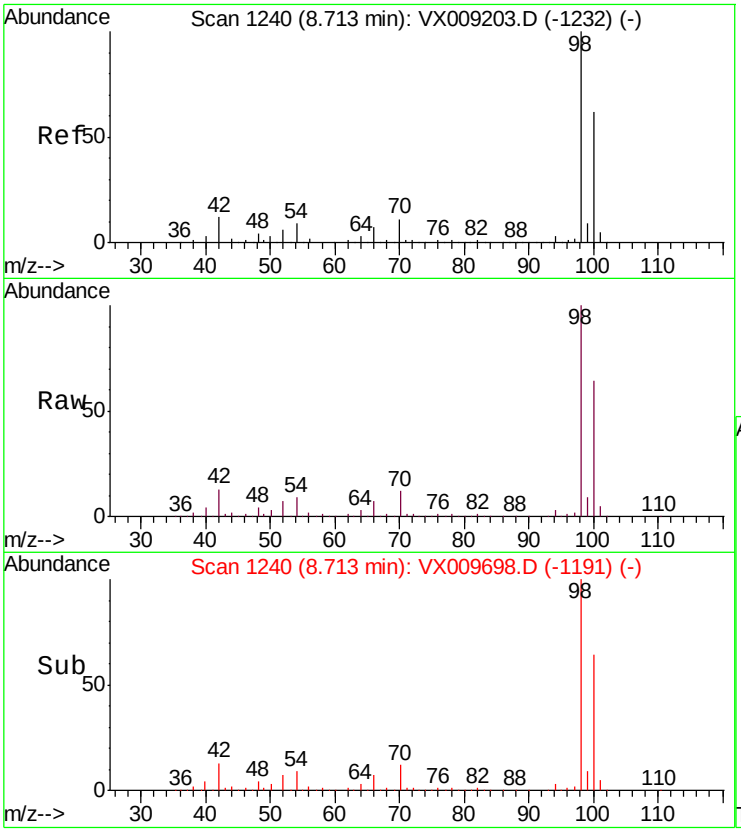


#44
Trichloroethene
Concen: 7.169 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:130 Resp: 13332

Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	199.2



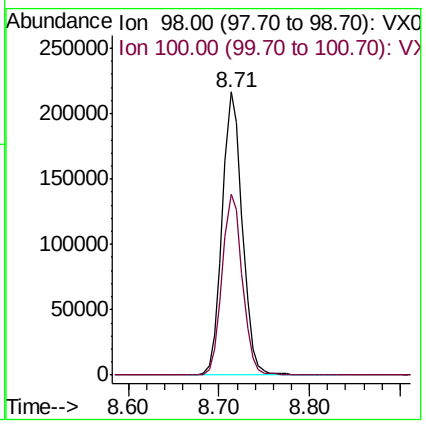


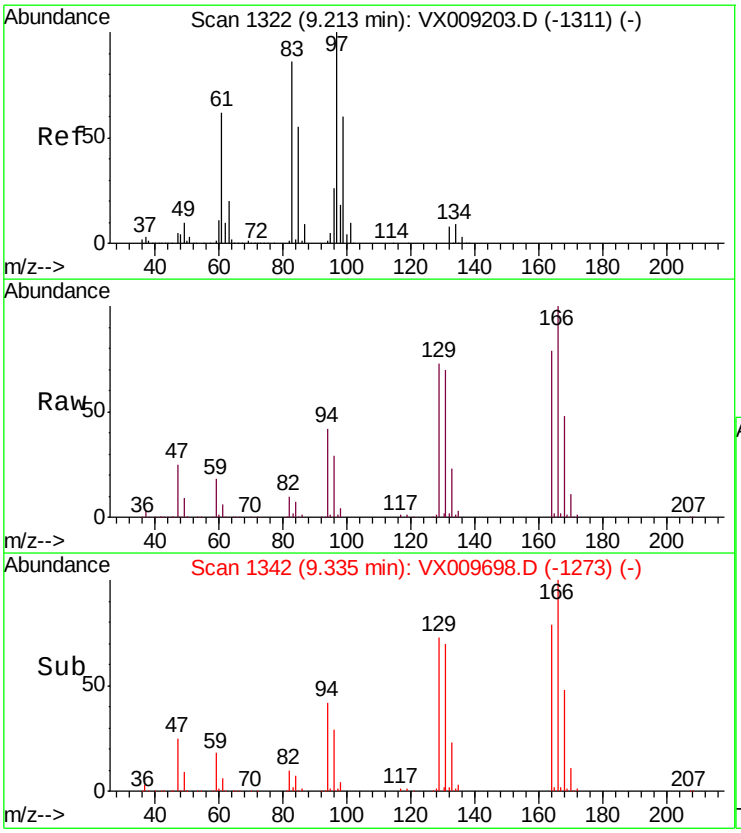
#50
Toluene-d8
Concen: 49.334 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 98 Resp: 334895

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8

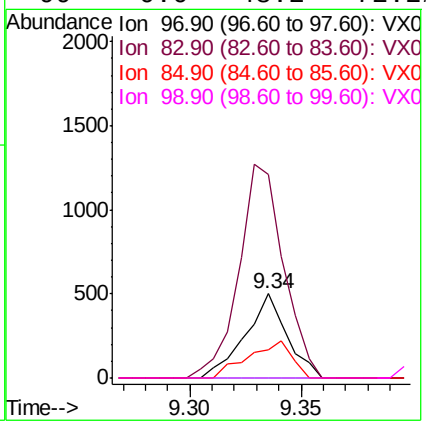


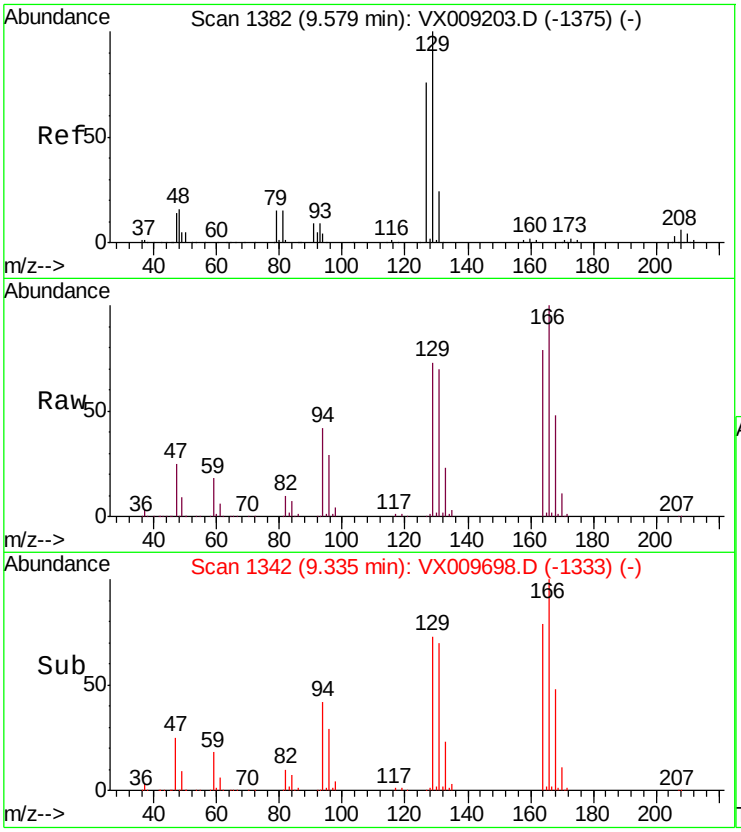


#55
1,1,2-Trichloroethane
Concen: 0.342 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.12 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 97 Resp: 652

Ion	Ratio	Lower	Upper
97	100		
83	241.5	68.9	103.3#
85	33.9	43.8	65.6#
99	0.0	48.2	72.2#



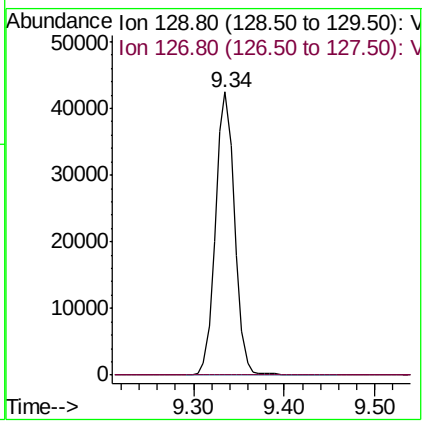


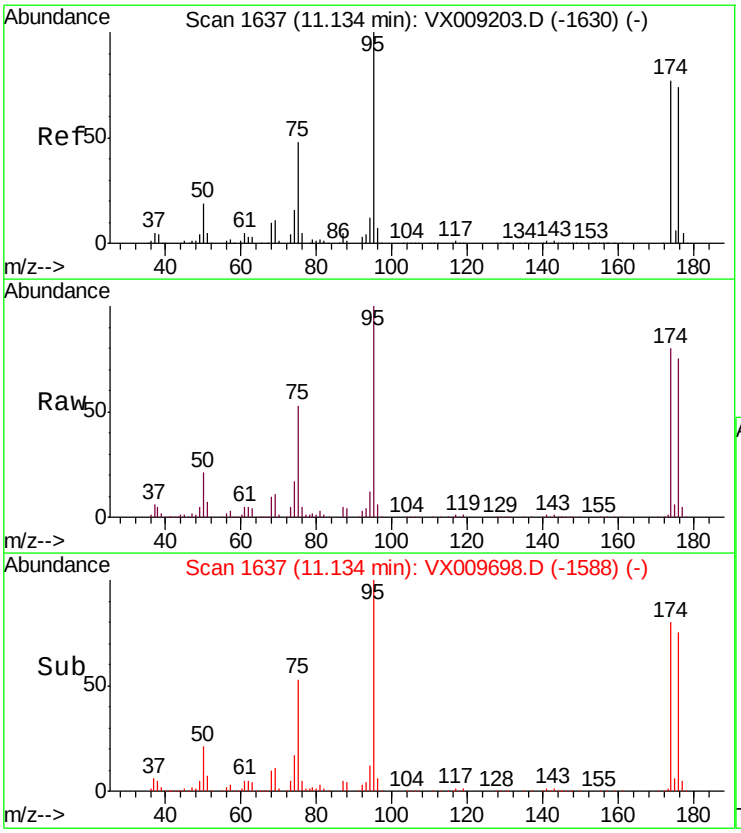
#60
Dibromochloromethane
Concen: 33.727 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:129 Resp: 62841

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.4	115.1#

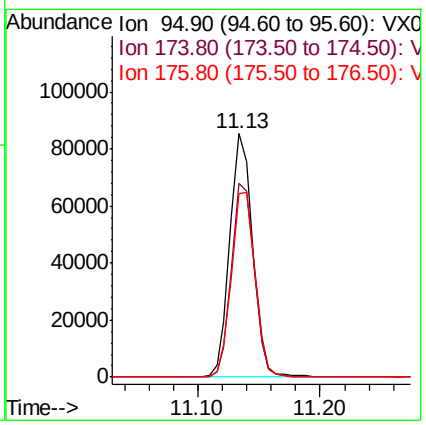


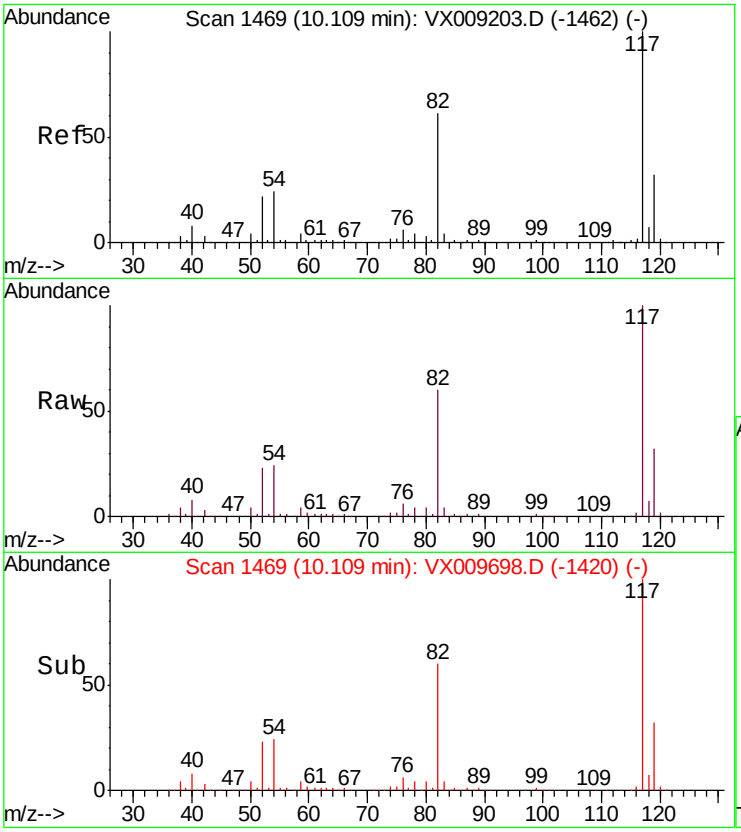


#62
4-Bromofluorobenzene
Concen: 44.303 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 95 Resp: 109279

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	161.6
176	78.4	0.0	159.2



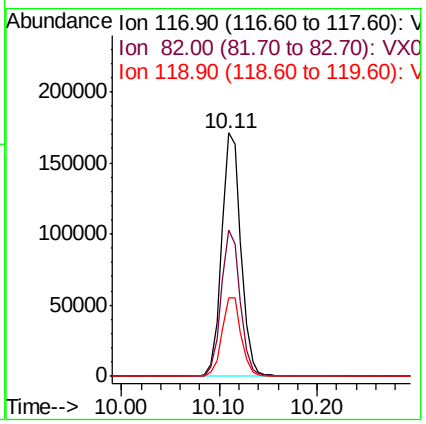


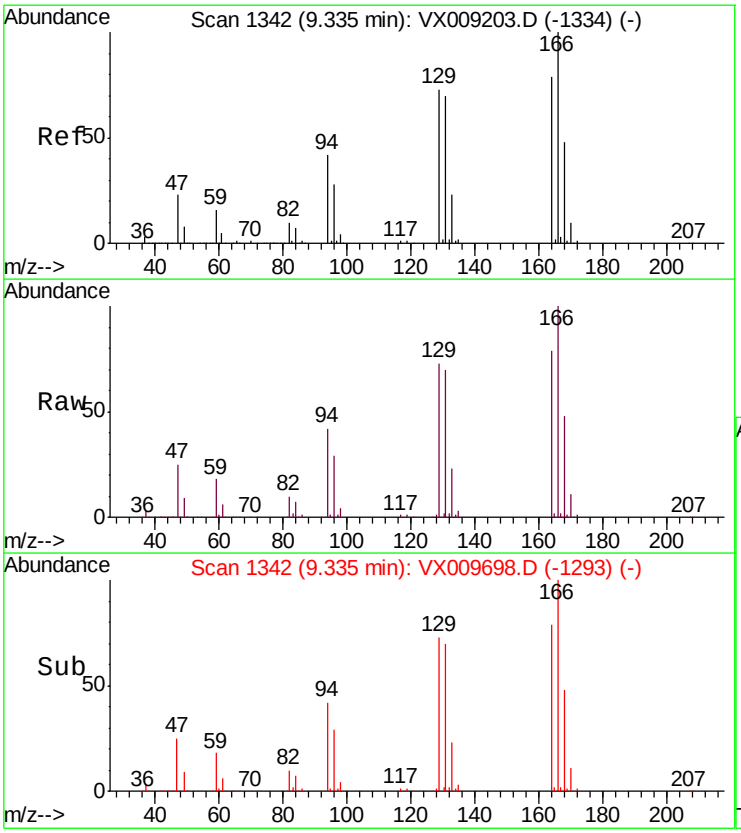
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument : MSVOA_X
ClientSampleId : MW-10B_R2

Tgt Ion:117 Resp: 233136

Ion	Ratio	Lower	Upper
117	100		
82	60.1	48.8	73.2
119	32.1	25.8	38.6

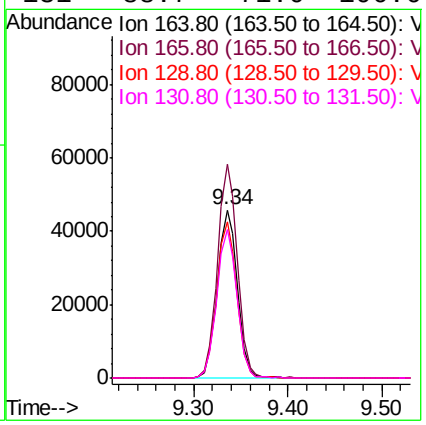


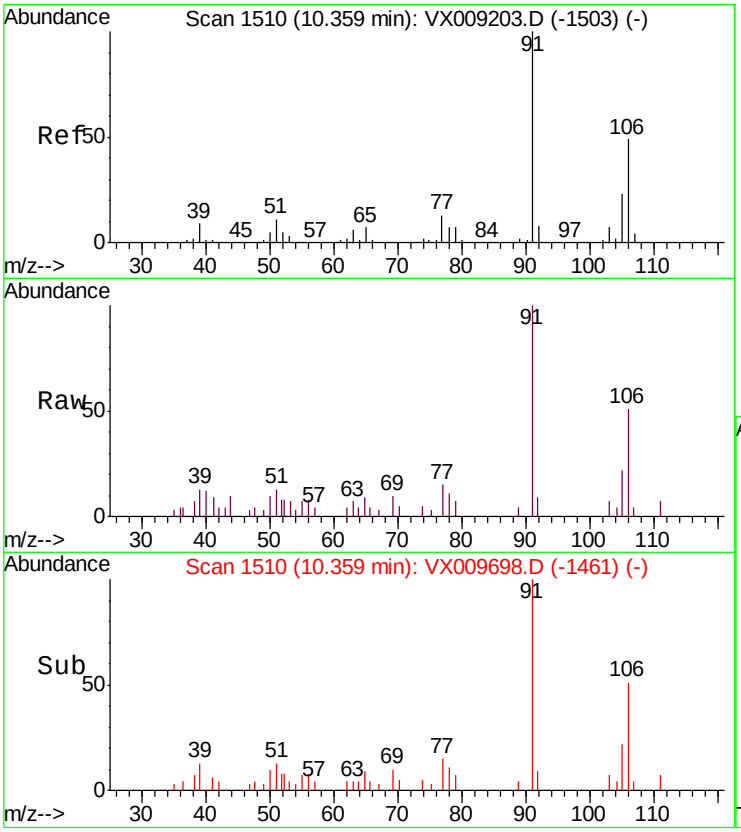


#64
Tetrachloroethene
Concen: 42.333 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:164 Resp: 67699

Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.2	151.8
129	92.7	74.3	111.5
131	88.7	71.0	106.6



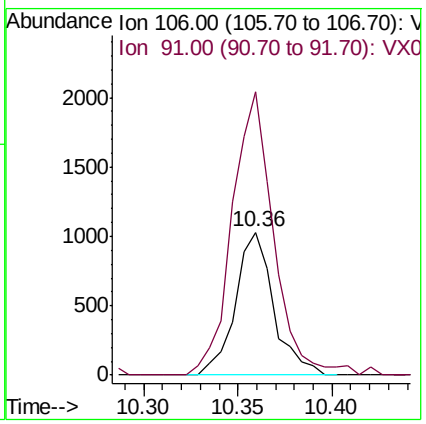


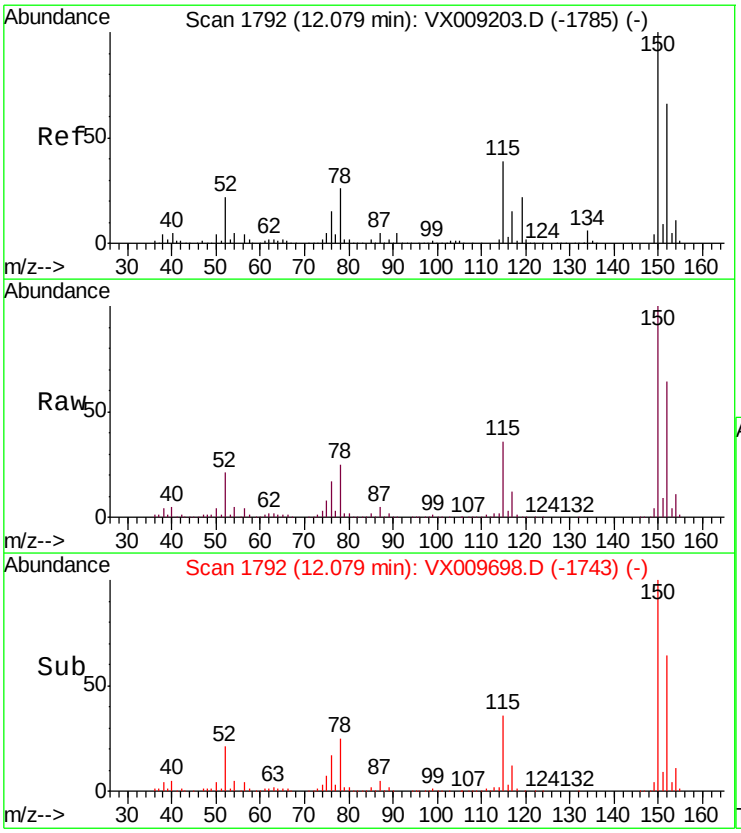
#68
m/p-Xylenes
Concen: 0.462 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:106 Resp: 1450

Ion	Ratio	Lower	Upper
106	100		
91	216.6	164.0	246.0

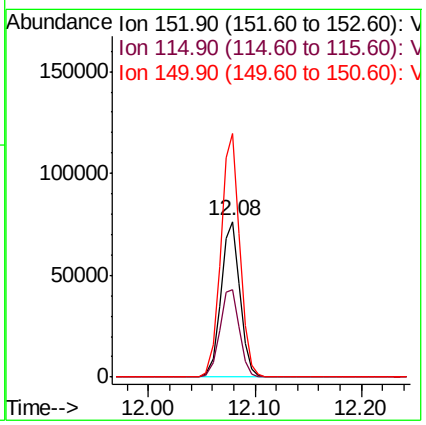


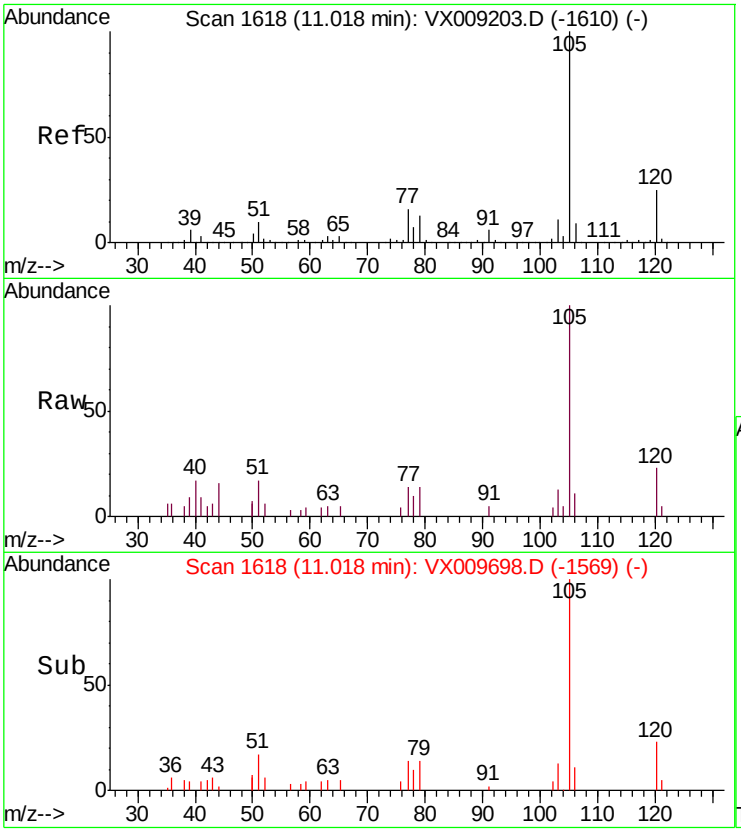


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:152 Resp: 94722

Ion	Ratio	Lower	Upper
152	100		
115	58.4	41.2	123.6
150	156.0	0.0	346.4



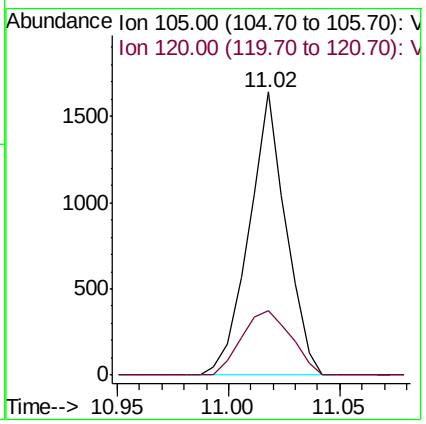


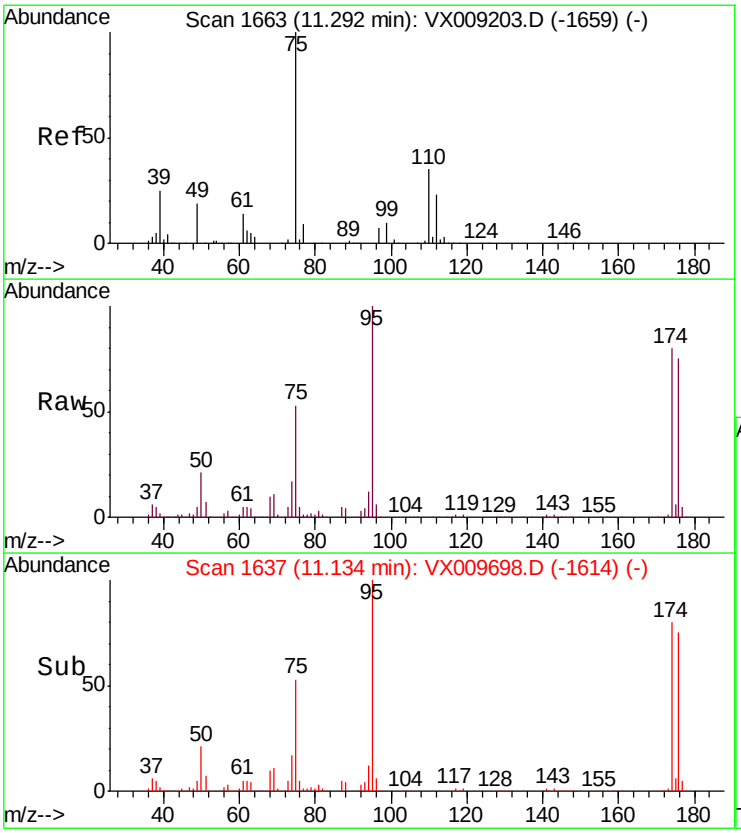
#73
Isopropylbenzene
Concen: 0.275 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:105 Resp: 1897

Ion	Ratio	Lower	Upper
105	100		
120	30.4	12.8	38.3

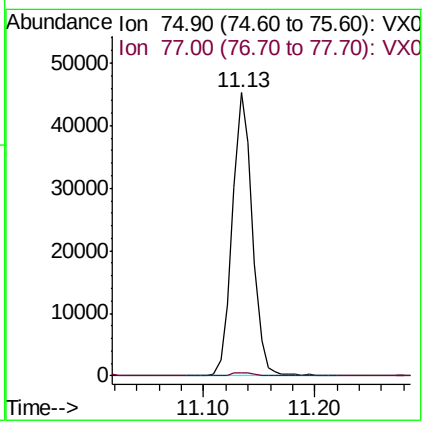


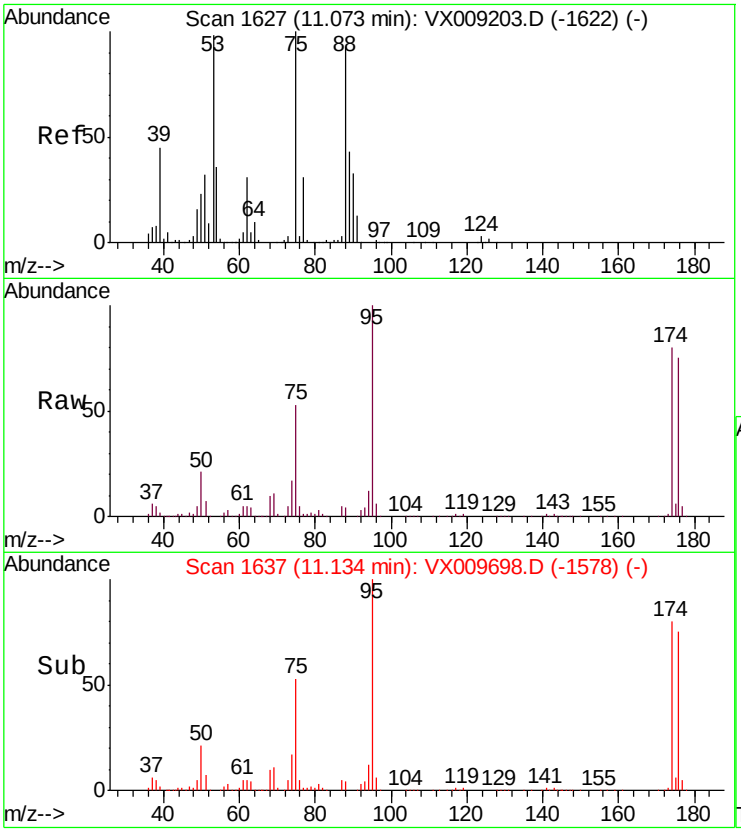


#76
1,2,3-Trichloropropane
Concen: 25.609 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion: 75 Resp: 56269

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#



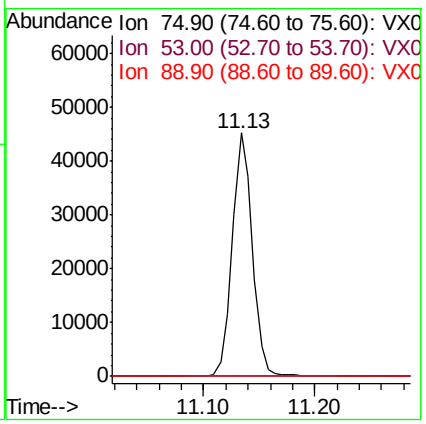


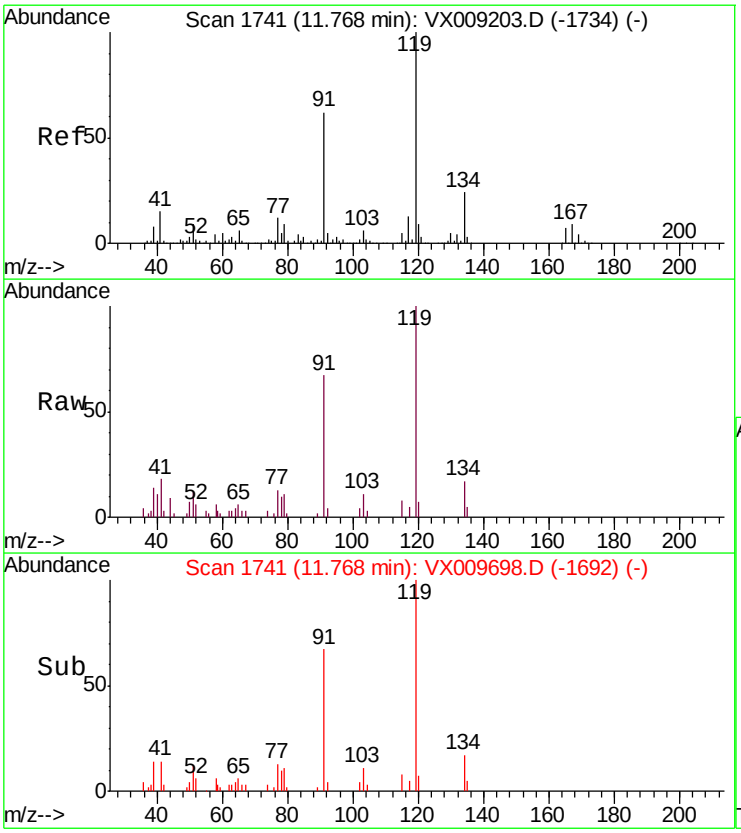
#81
trans-1,4-Dichloro-2-butene
Concen: 65.525 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion: 75 Resp: 56269

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#

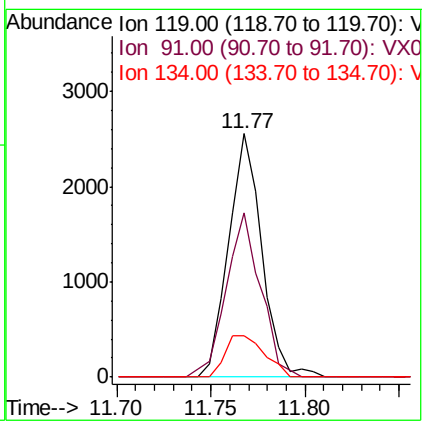


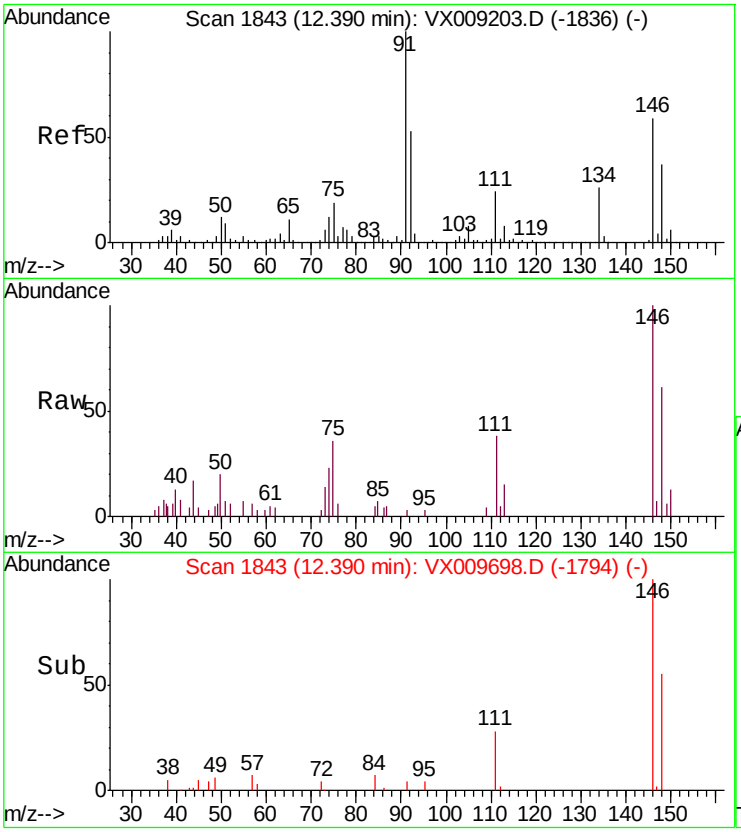


#83
tert-Butylbenzene
Concen: 0.554 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Tgt Ion:119 Resp: 3124

Ion	Ratio	Lower	Upper
119	100		
91	69.6	29.5	88.5
134	20.2	11.4	34.1





#91
1,2-Dichlorobenzene
Concen: 0.724 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009698.D
Acq: 18 May 2019 06:39

Instrument :
MSVOA_X
ClientSampleId :
MW-10B_R2

Tgt Ion:146 Resp: 2246

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.4
148	67.4	31.9	95.9