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

Quantitation Report (Not Reviewed)

Data File : VX009710.D
Acq On : 18 May 2019 11:20
Operator : JC/SP
Sample : K2901-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-04A_R2

Quant Time: May 20 04:18:33 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	170352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116932	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
35) Dibromofluoromethane	5.50	113	85269	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	8.71	98	346846	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
62) 4-Bromofluorobenzene	11.13	95	112706	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.00%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	755	0.352	ug/l	90
4) Vinyl Chloride	1.41	62	753	0.360	ug/l #	75
6) Chloroethane	1.79	64	1863	1.388	ug/l #	43
10) Methyl Iodide	2.51	142	49	4.618	ug/l #	42
11) Tert butyl alcohol	3.02	59	1268	2.356	ug/l #	87
13) Acrolein	2.28	56	130	0.267	ug/l #	18
16) Acetone	2.45	43	3587	2.873	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	600	0.346	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	472	0.228	ug/l	60
28) Bromochloromethane	4.99	49	27	Below Cal	#	20
31) Cyclohexane	5.59	56	965	0.281	ug/l #	76
36) 1,1-Dichloropropene	5.66	75	13366	5.237	ug/l #	51
38) Carbon Tetrachloride	5.67	117	15616	6.735	ug/l #	16
49) 1,4-Dioxane	7.70	88	21	0.367	ug/l #	1
64) Tetrachloroethene	9.33	164	334	0.203	ug/l #	78
76) 1,2,3-Trichloropropane	11.13	75	57132	24.532	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	57132	62.769	ug/l #	10
82) 4-Chlorotoluene	11.77	91	3422	0.589	ug/l #	46
83) tert-Butylbenzene	11.77	119	5015	0.839	ug/l	87
86) p-Isopropyltoluene	12.23	119	7757	1.217	ug/l	97
90) Hexachloroethane	12.69	117	2041	1.880	ug/l #	7
91) 1,2-Dichlorobenzene	12.39	146	886	0.269	ug/l	86

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

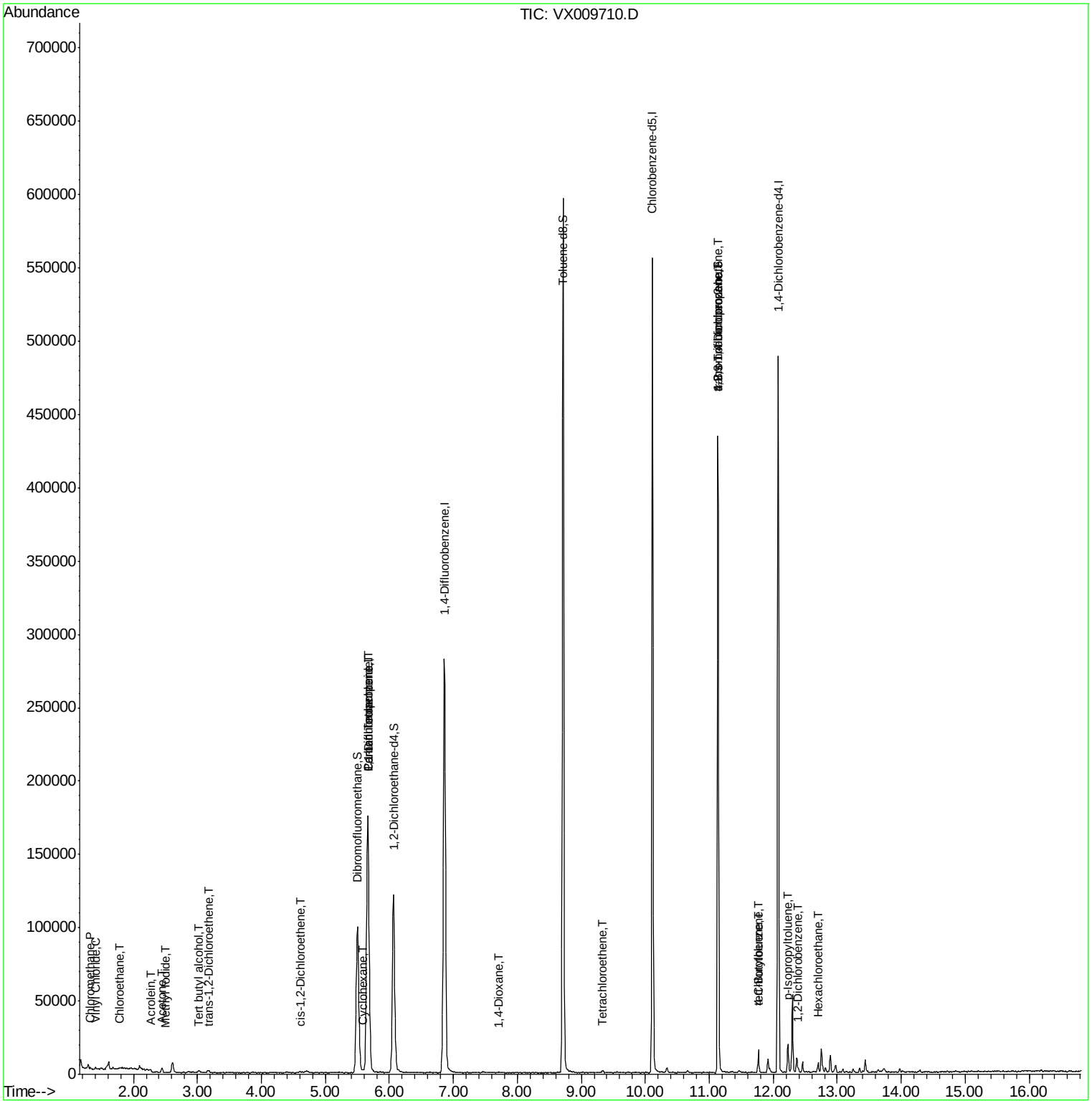
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051719\

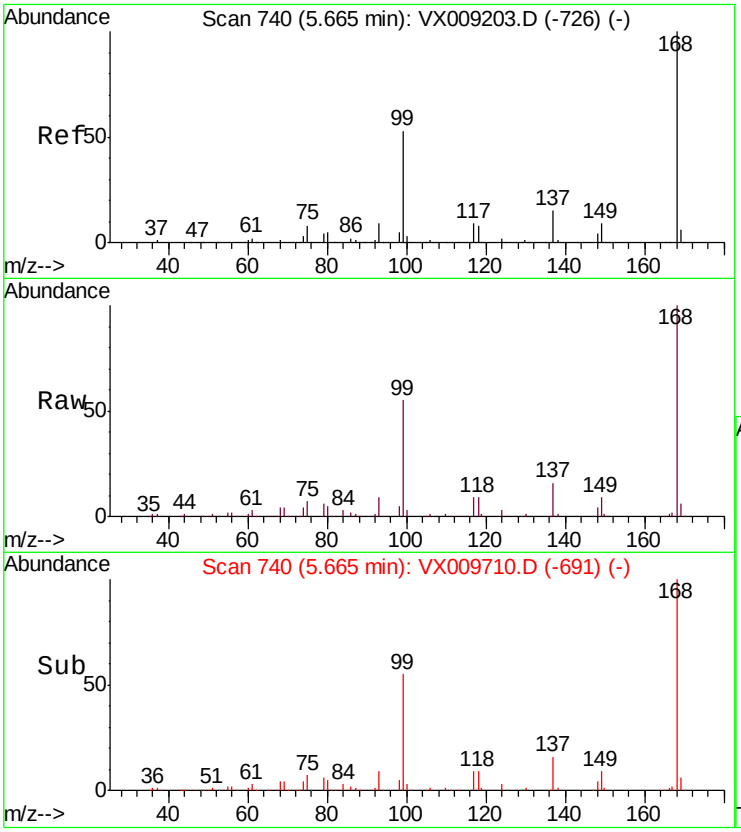
Quantitation Report (Not Reviewed)

Data File : VX009710.D
Acq On : 18 May 2019 11:20
Operator : JC/SP
Sample : K2901-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 64 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-04A_R2

Quant Time: May 20 04:18:33 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



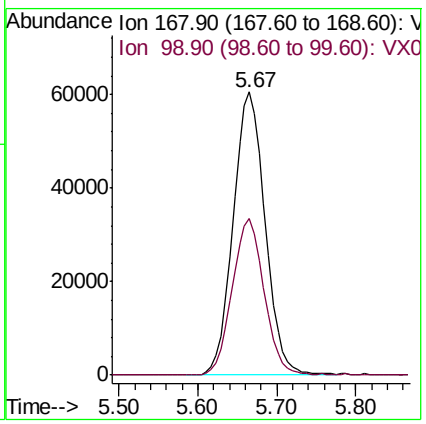


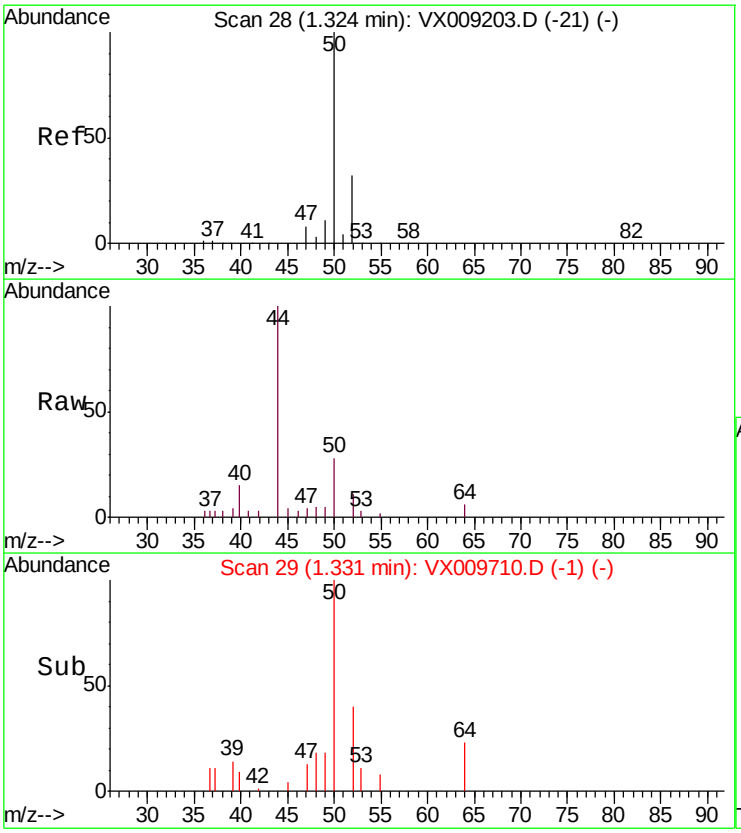
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:168 Resp: 170352

Ion	Ratio	Lower	Upper
168	100		
99	55.4	42.3	63.5

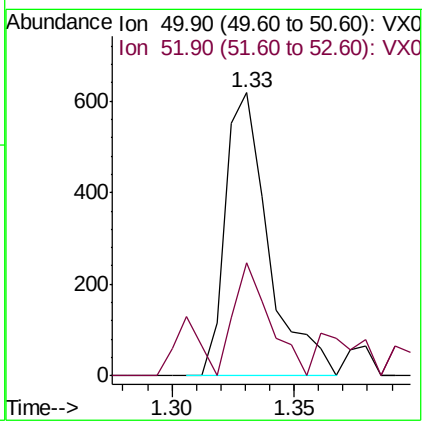


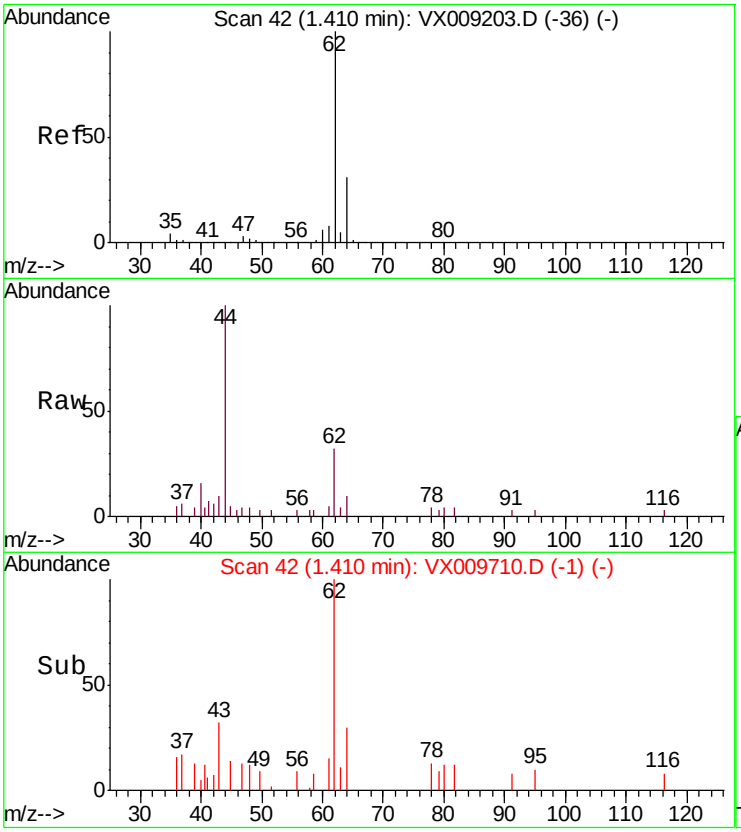


#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 50 Resp: 755

Ion	Ratio	Lower	Upper
50	100		
52	26.5	25.9	38.9



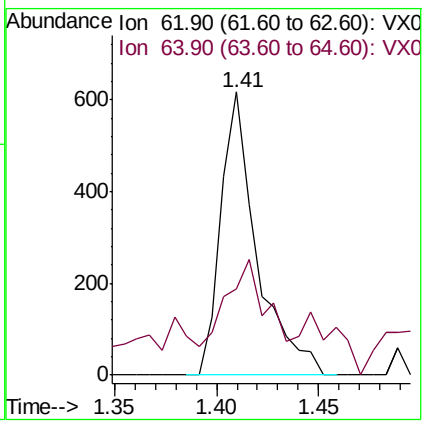


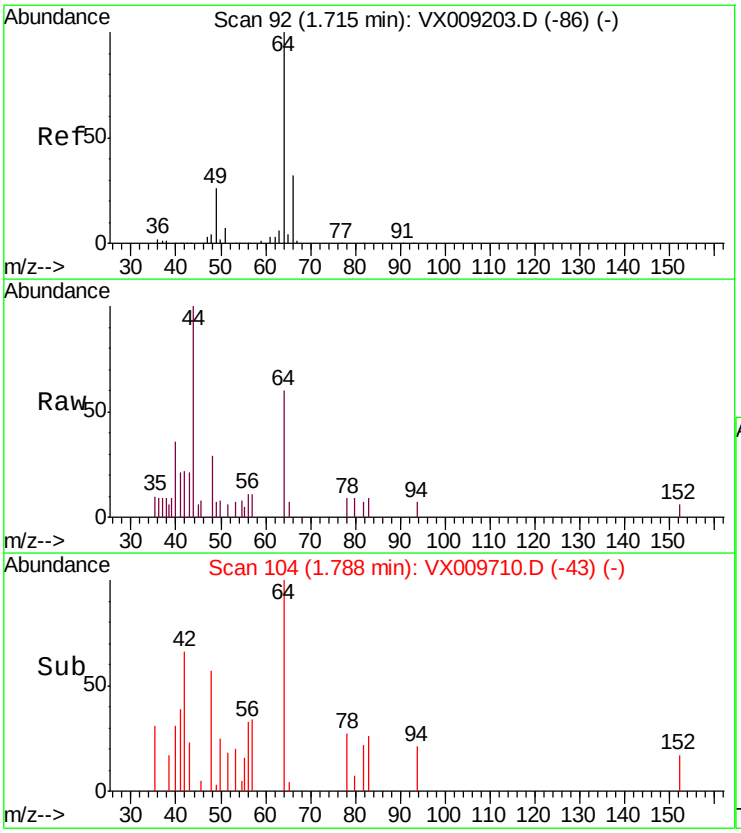
#4
Vinyl Chloride
Concen: 0.360 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 62 Resp: 753

Ion	Ratio	Lower	Upper
62	100		
64	16.9	24.6	36.8#

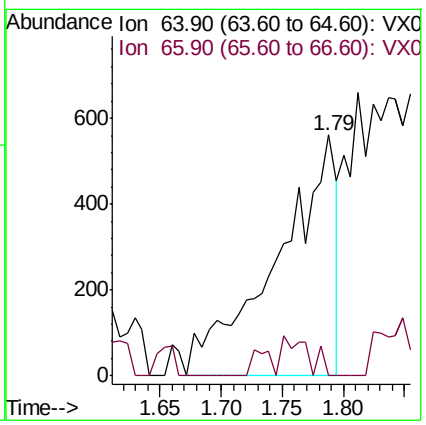


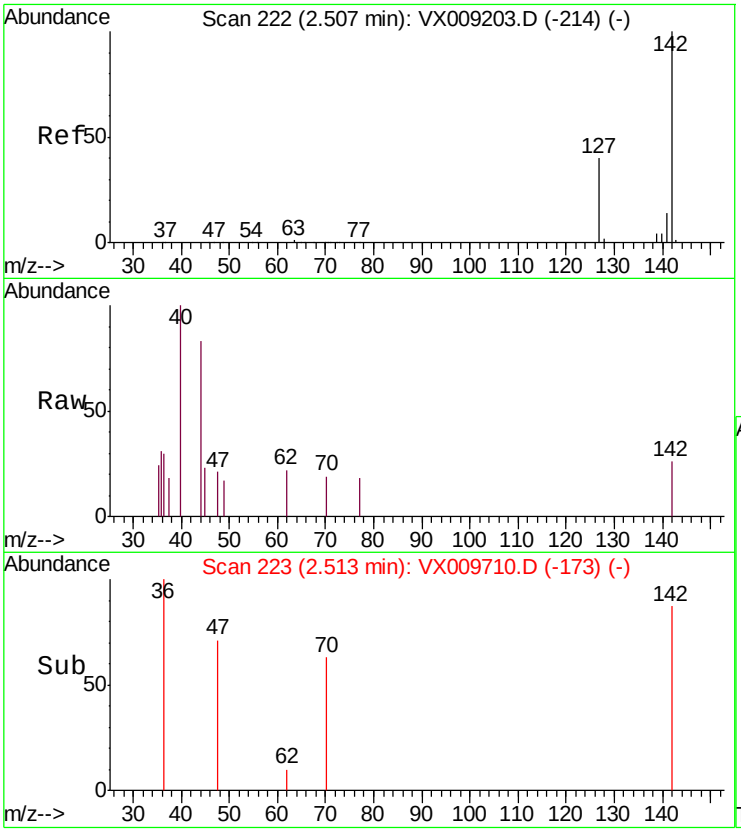


#6
Chloroethane
Concen: 1.388 ug/l
RT: 1.79 min Scan# 104
Delta R.T. 0.07 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 64 Resp: 1863

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



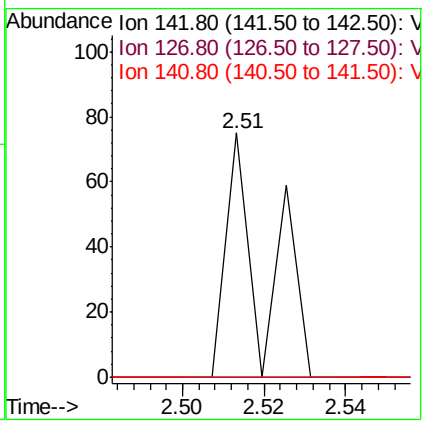


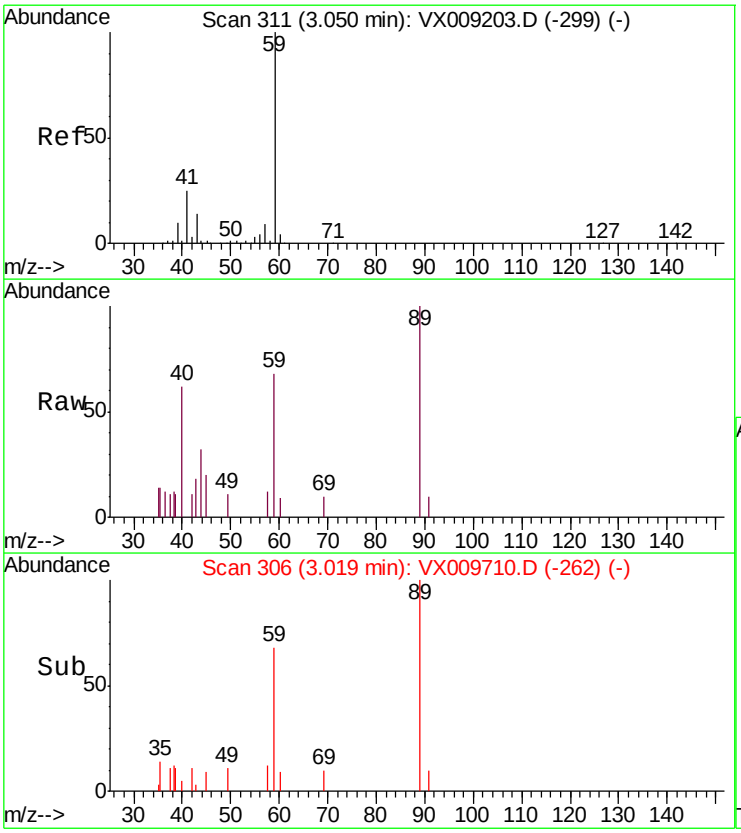
#10
Methyl Iodide
Concen: 4.618 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument : MSVOA_X
ClientSampleId : MW-04A_R2

Tgt Ion:142 Resp: 49

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

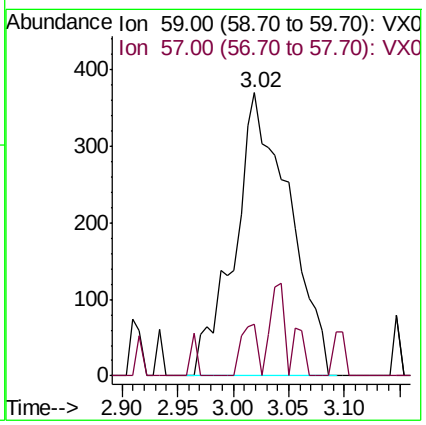


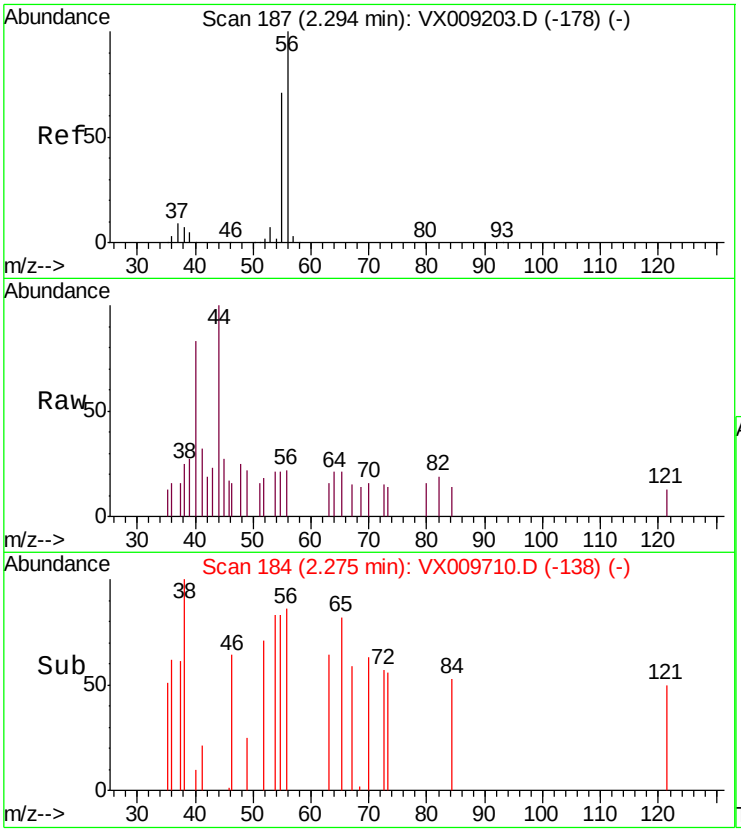


#11
Tert butyl alcohol
Concen: 2.356 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 59 Resp: 1268

Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.2	12.2#



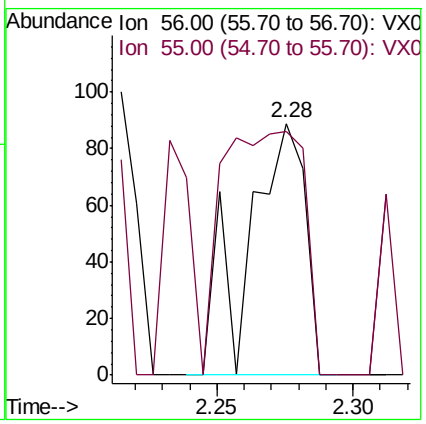


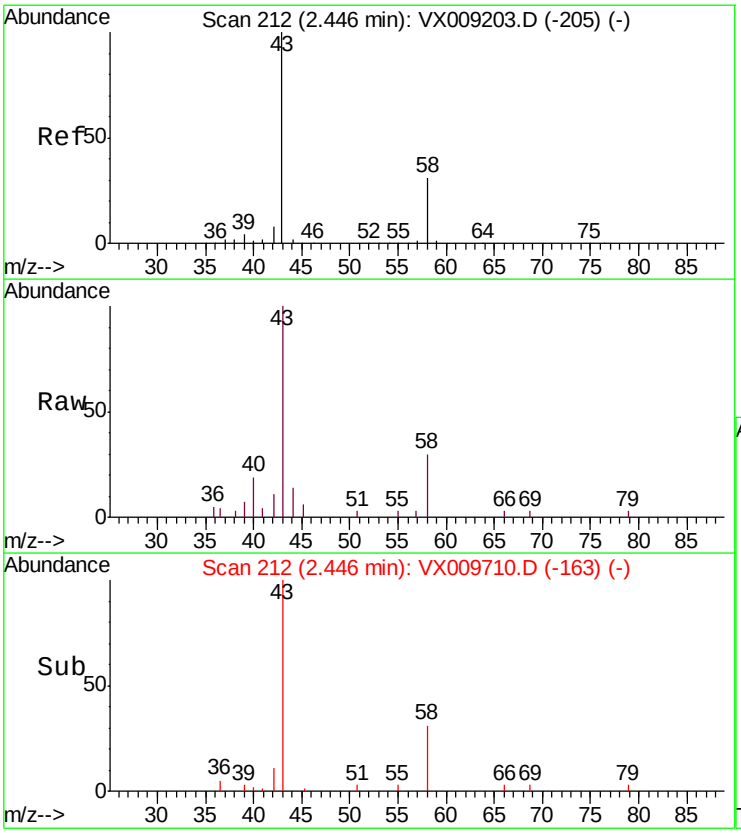
#13
Acrolein
Concen: 0.267 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 56 Resp: 130

Ion	Ratio	Lower	Upper
56	100		
55	138.5	56.6	85.0#

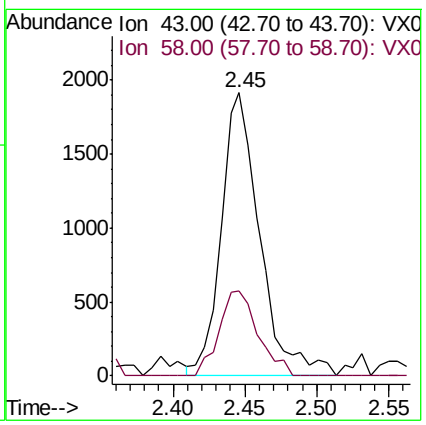


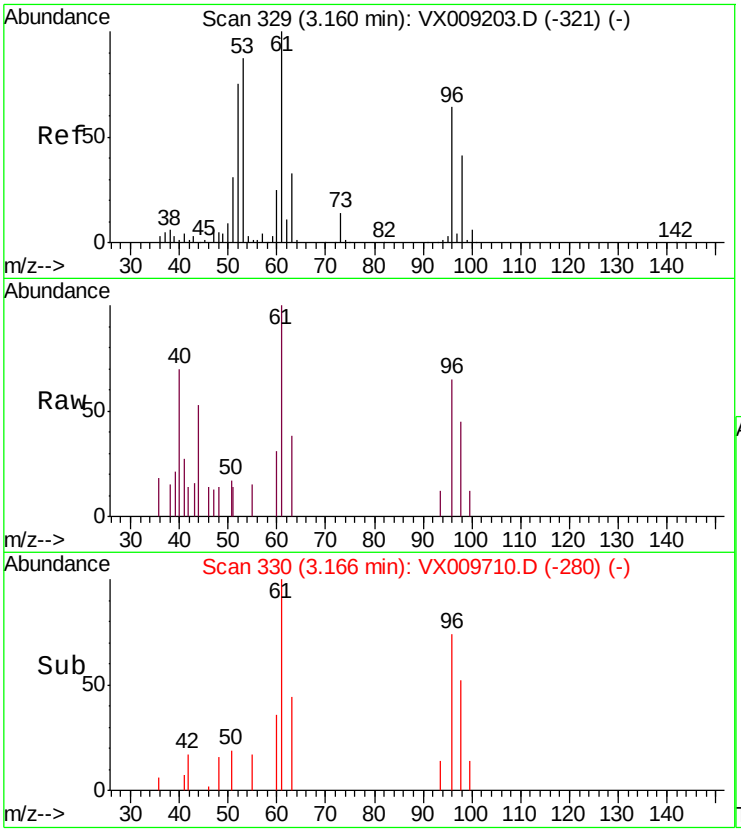


#16
Acetone
Concen: 2.873 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 43 Resp: 3587

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.9	37.3



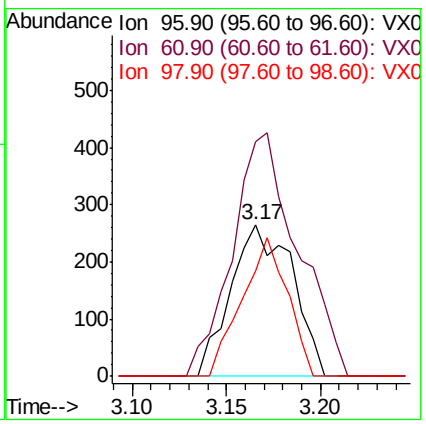


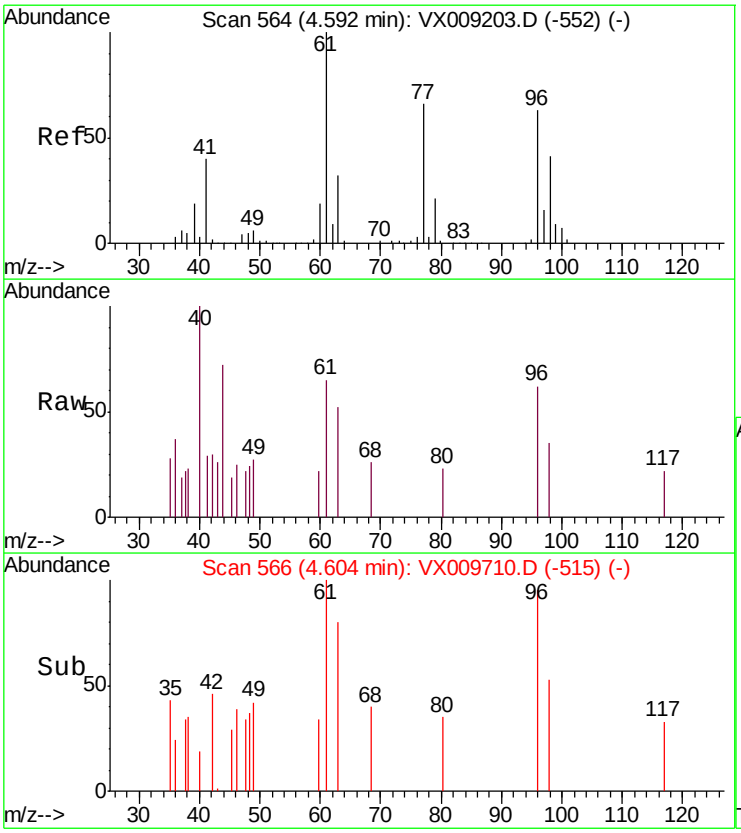
#21
trans-1,2-Dichloroethene
Concen: 0.346 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 96 Resp: 600

Ion	Ratio	Lower	Upper
96	100		
61	154.7	124.5	186.7
98	69.8	50.4	75.6

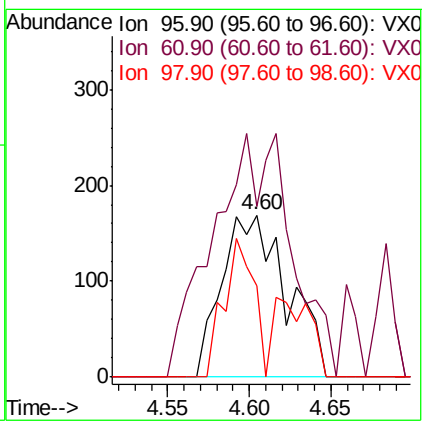


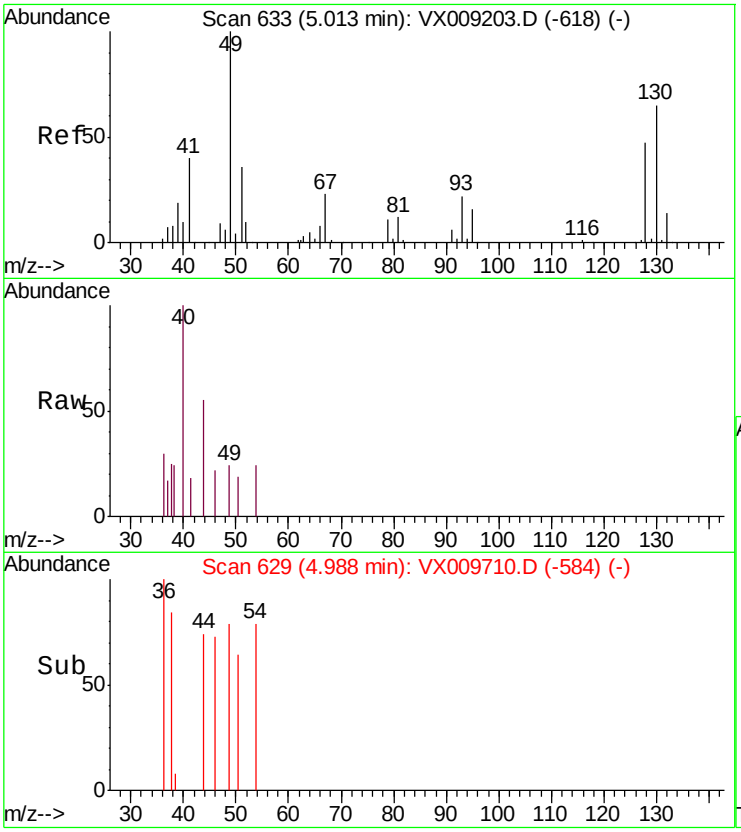


#27
cis-1,2-Dichloroethene
Concen: 0.228 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 96 Resp: 472

Ion	Ratio	Lower	Upper
96	100		
61	104.7	0.0	324.0
98	38.8	0.0	130.4



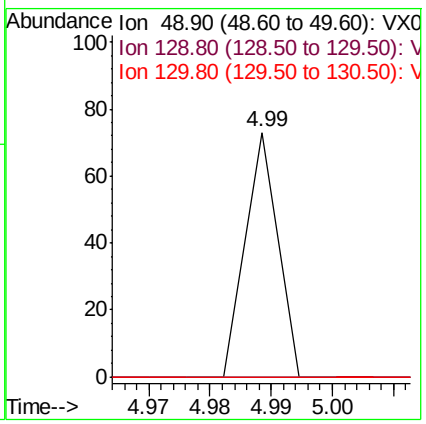


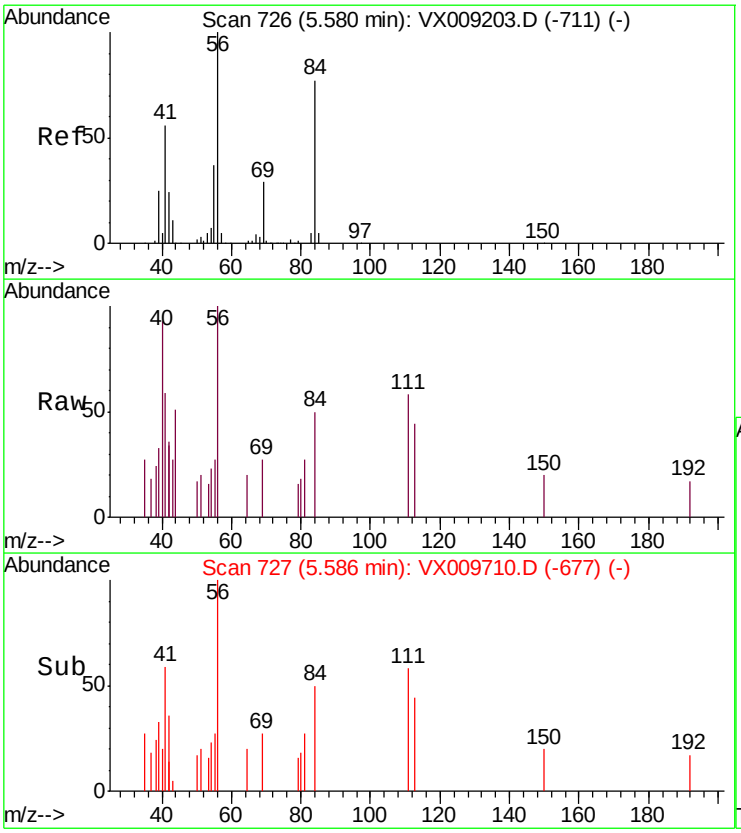
#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 629
Delta R.T. -0.02 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 49 Resp: 27

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

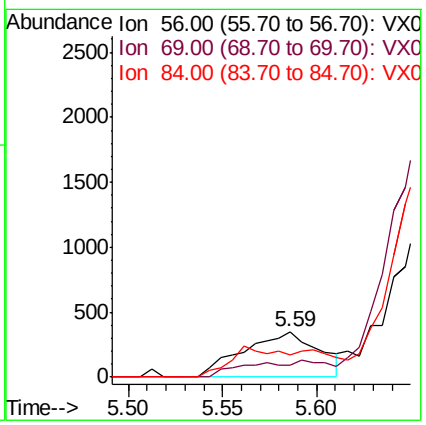


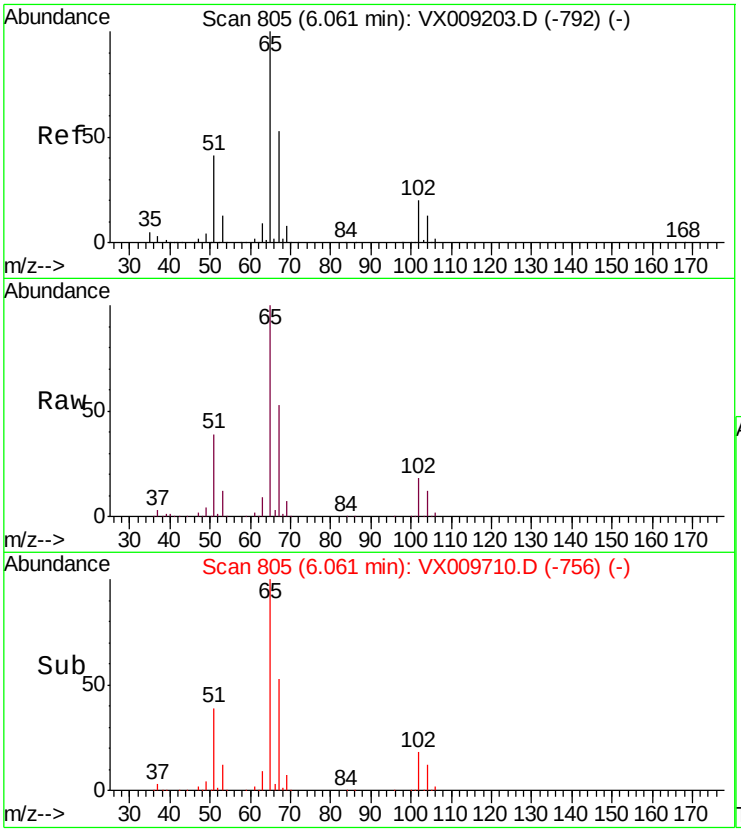


#31
Cyclohexane
Concen: 0.281 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 56 Resp: 965

Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.4	35.0
84	49.6	61.9	92.9#



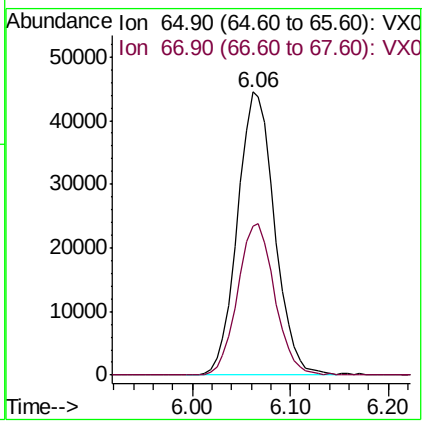


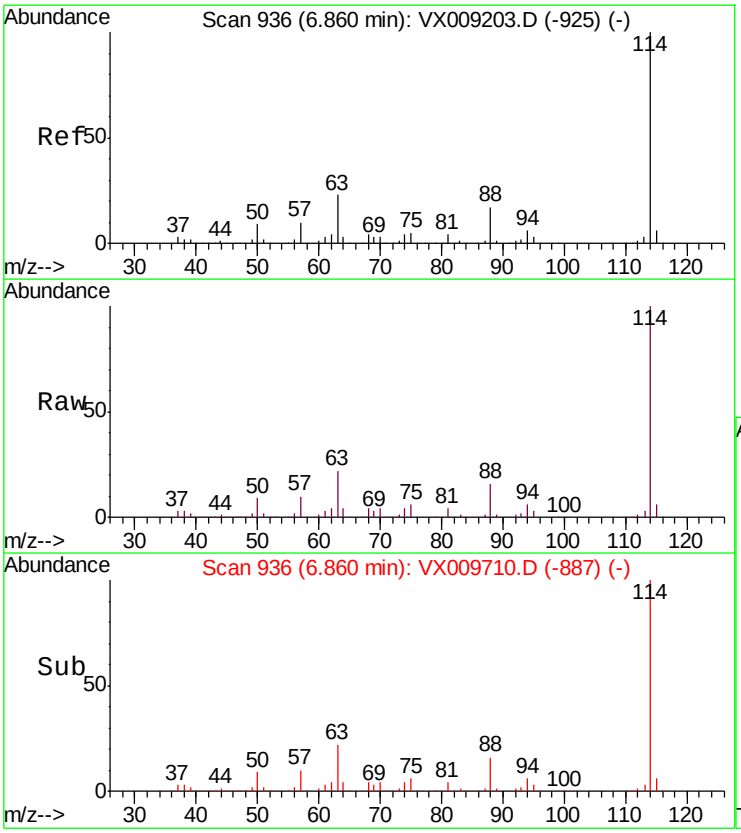
#33
1,2-Dichloroethane-d4
Concen: 50.282 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 65 Resp: 116932

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

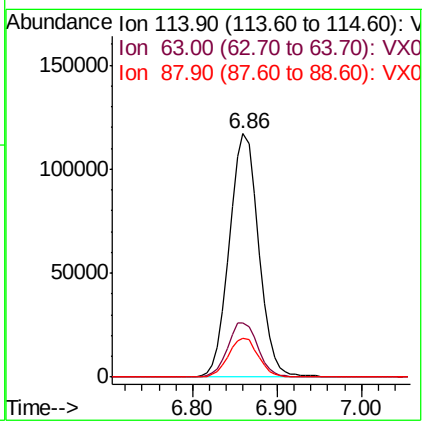


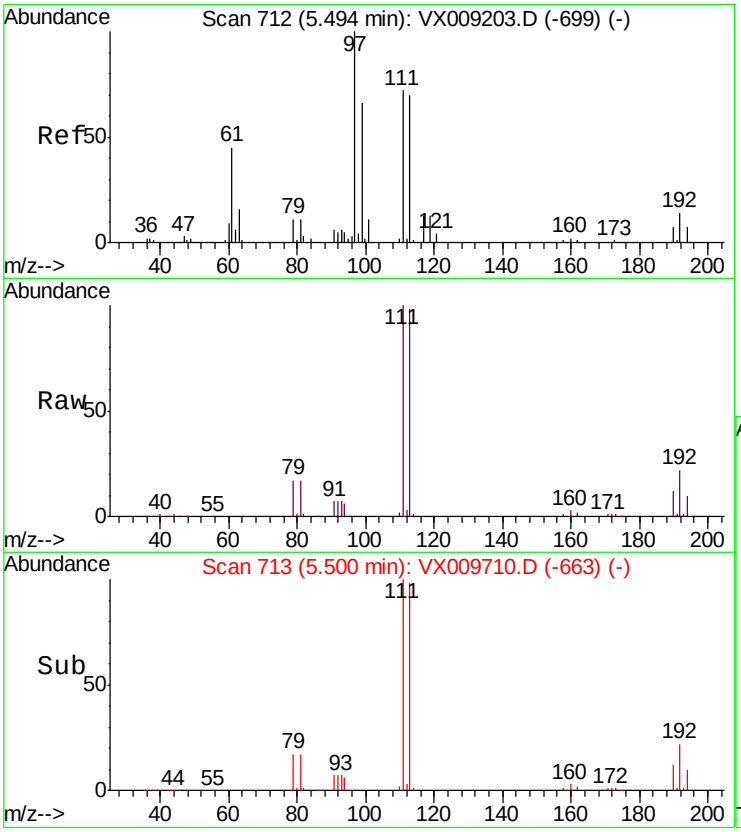


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion:114 Resp: 274624

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.6
88	16.1	0.0	33.2



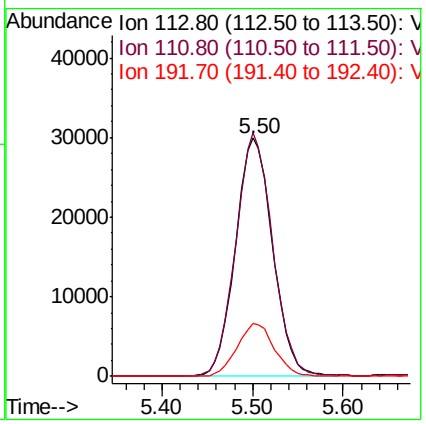


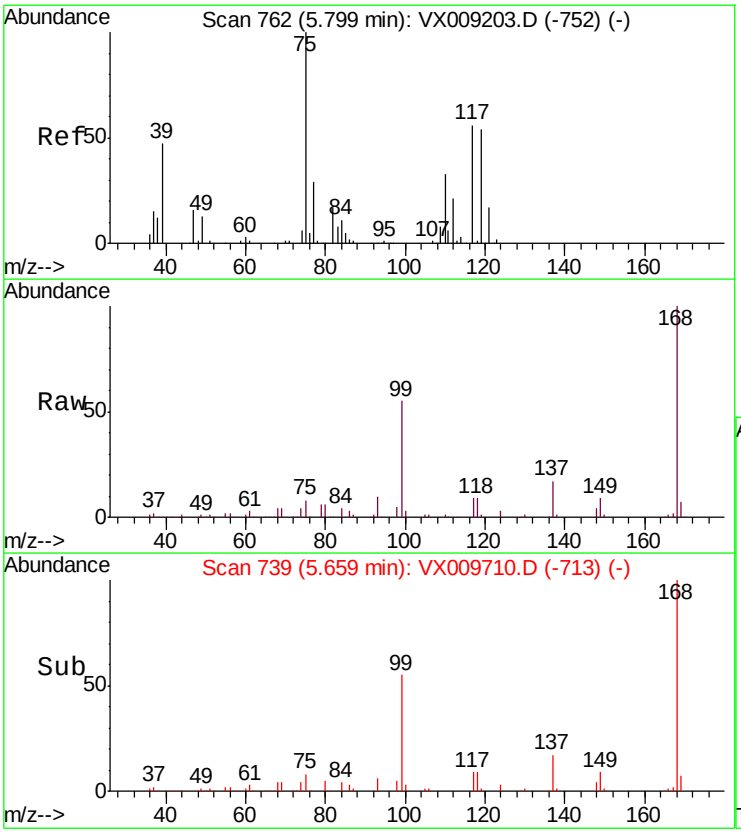
#35
Dibromofluoromethane
Concen: 49.391 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:113 Resp: 85269

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.8	124.2
192	22.1	17.0	25.6

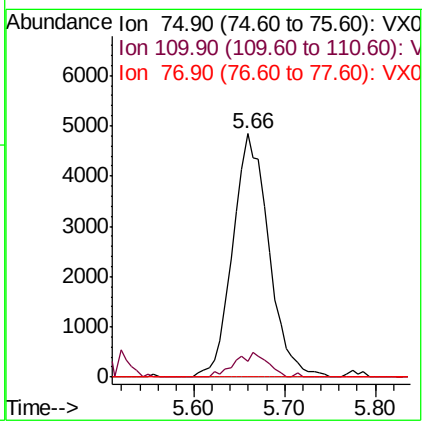


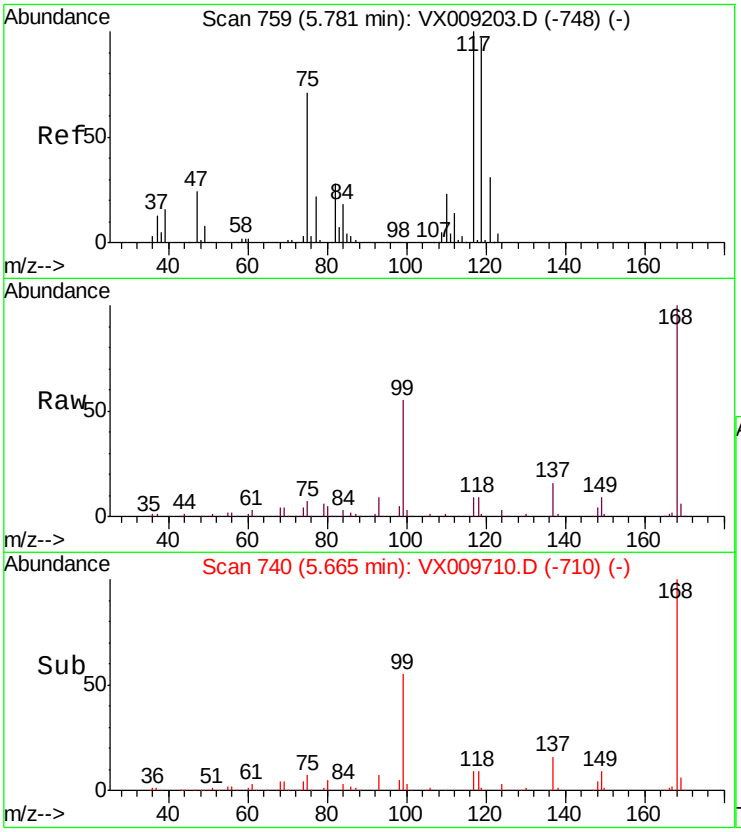


#36
1,1-Dichloropropene
Concen: 5.237 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 75 Resp: 13366

Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.9	50.6#
77	0.0	24.8	37.2#



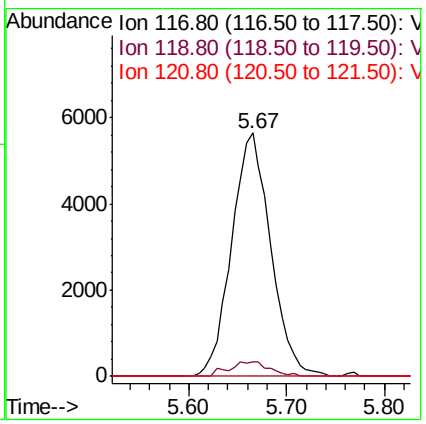


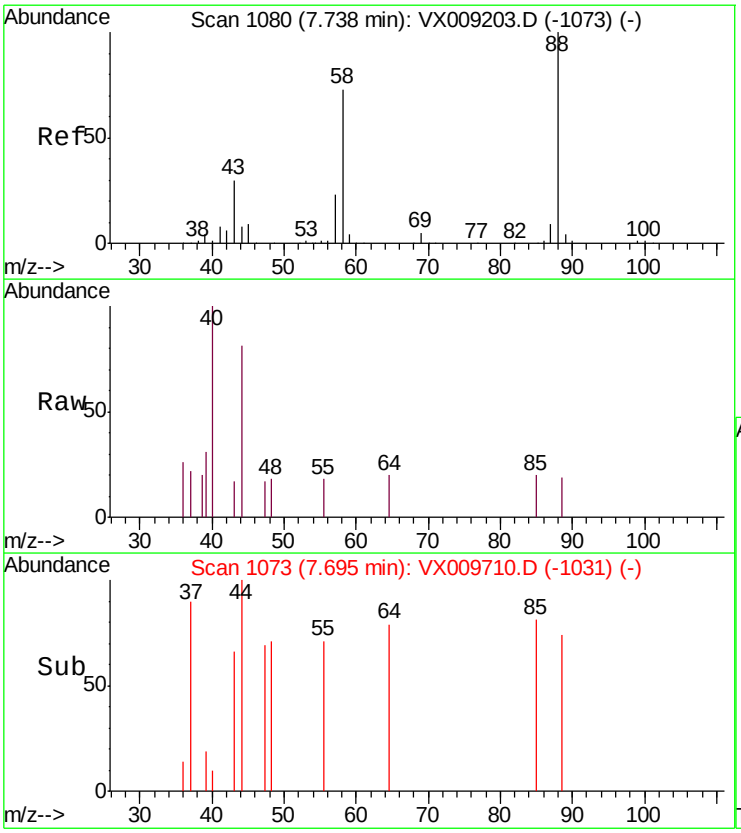
#38
Carbon Tetrachloride
Concen: 6.735 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:117 Resp: 15616

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#

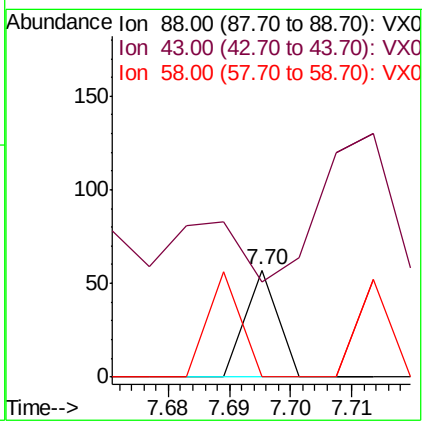


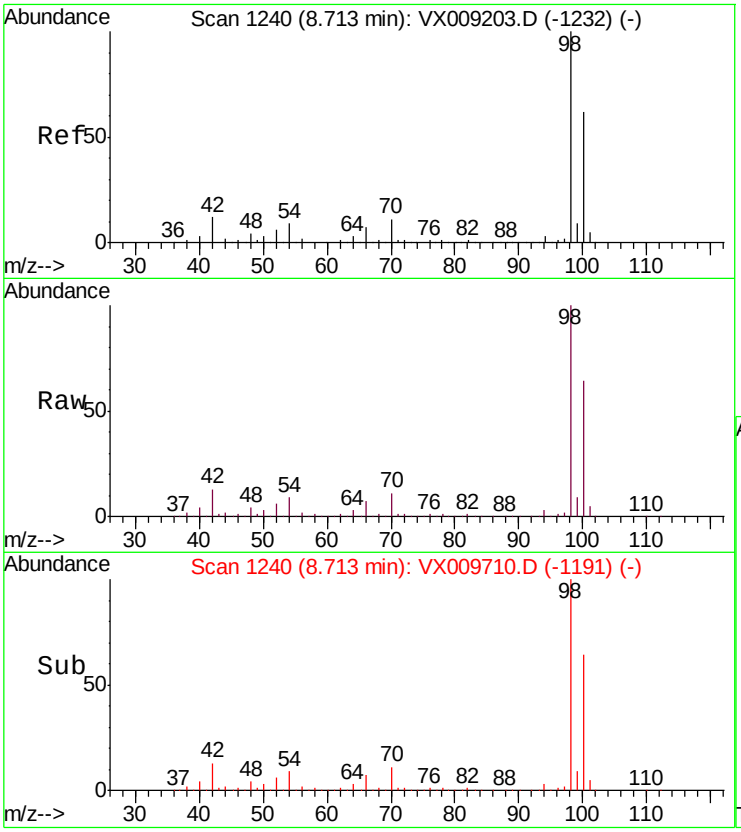


#49
1,4-Dioxane
Concen: 0.367 ug/l
RT: 7.70 min Scan# 1073
Delta R.T. -0.04 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	919.0	28.6	42.8#
58	95.2	61.7	92.5#



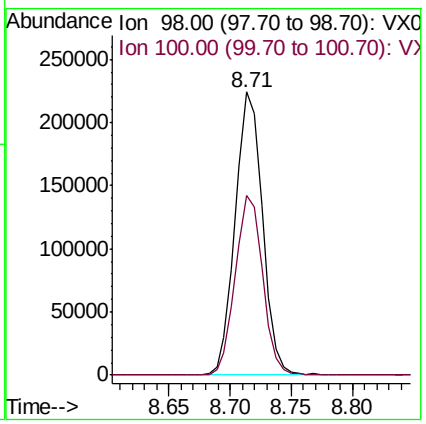


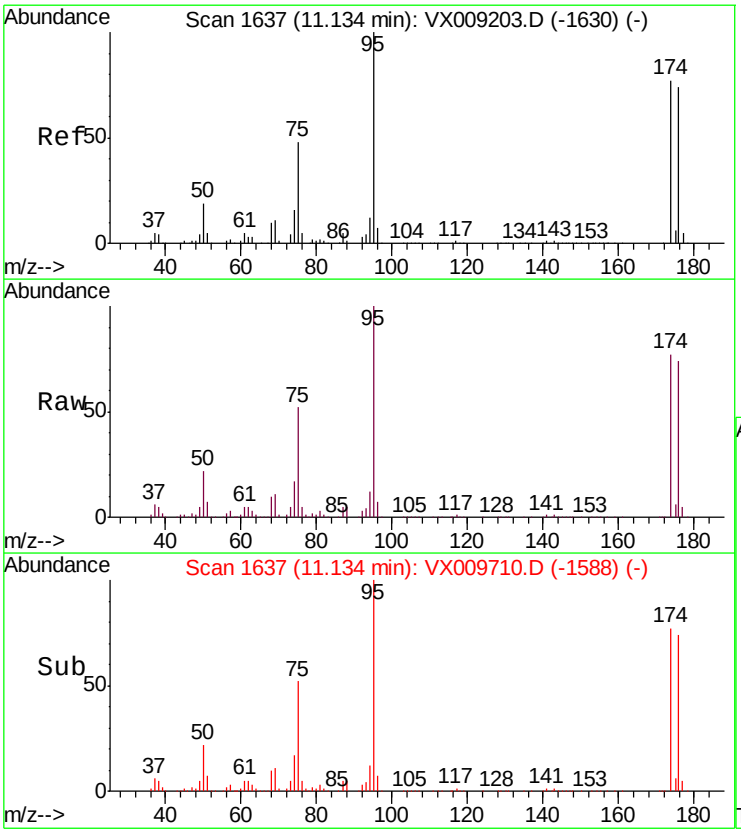
#50
Toluene-d8
Concen: 49.763 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 98 Resp: 346846

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8

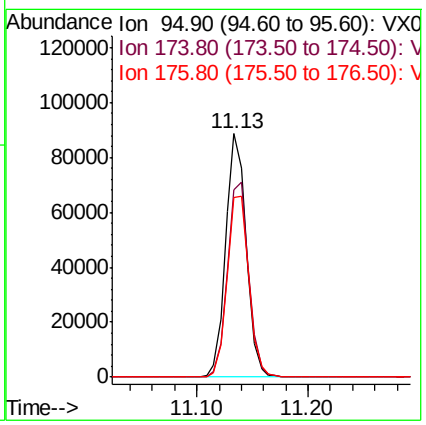


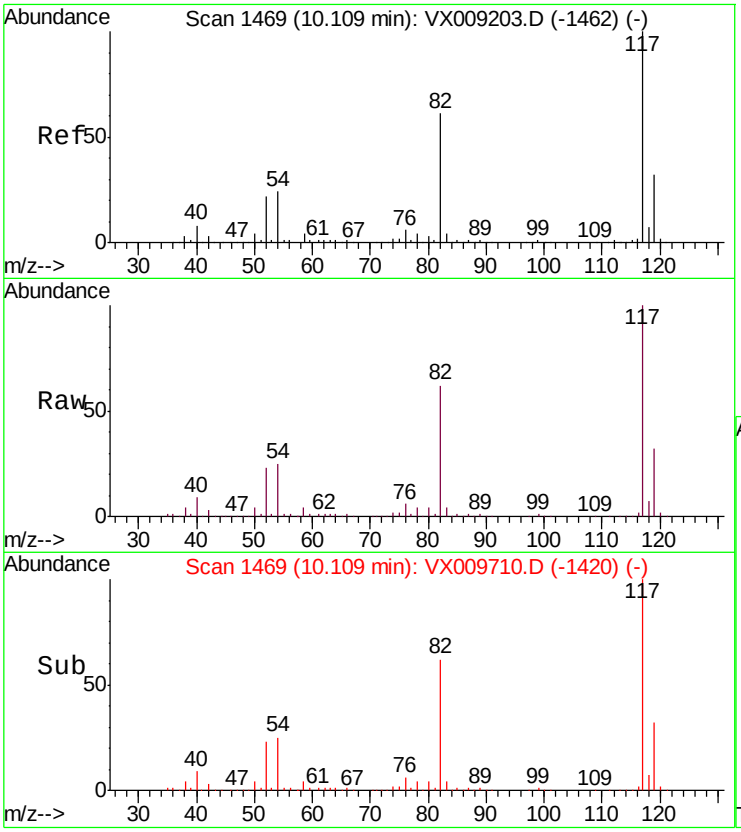


#62
4-Bromofluorobenzene
Concen: 44.502 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 95 Resp: 112706

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	161.6
176	79.0	0.0	159.2



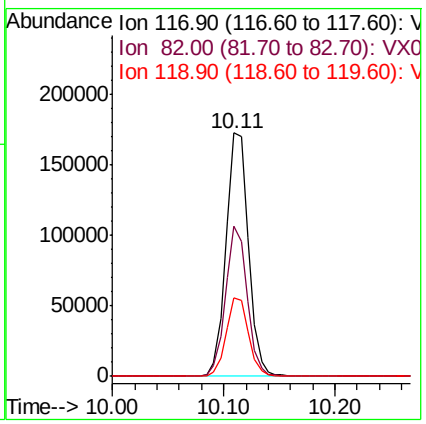


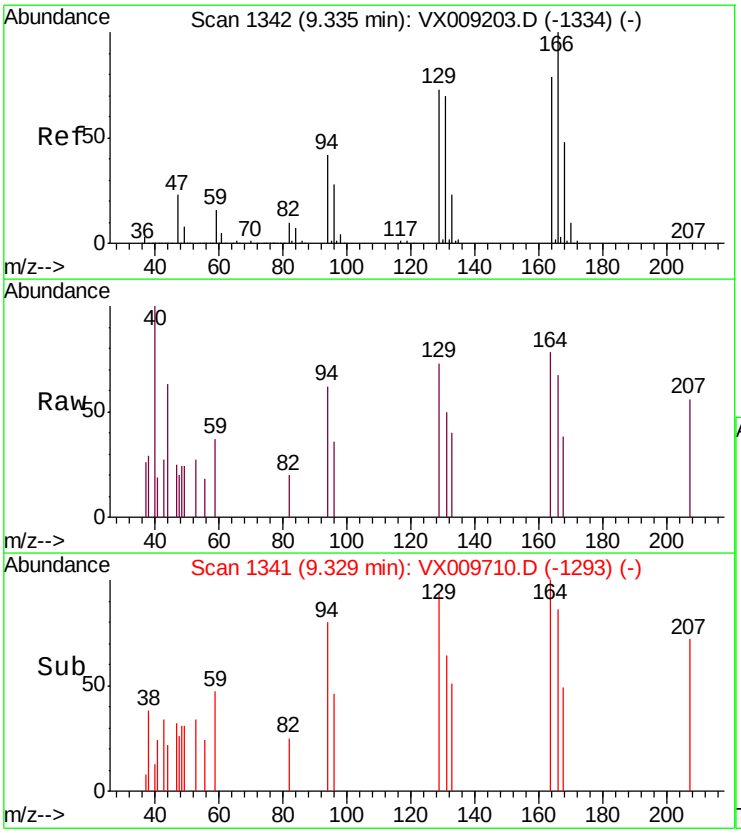
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:117 Resp: 240437

Ion	Ratio	Lower	Upper
117	100		
82	61.7	48.8	73.2
119	32.4	25.8	38.6

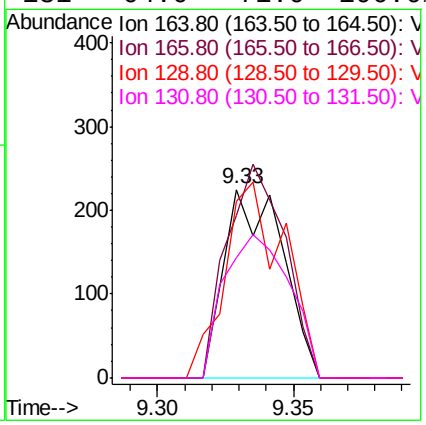


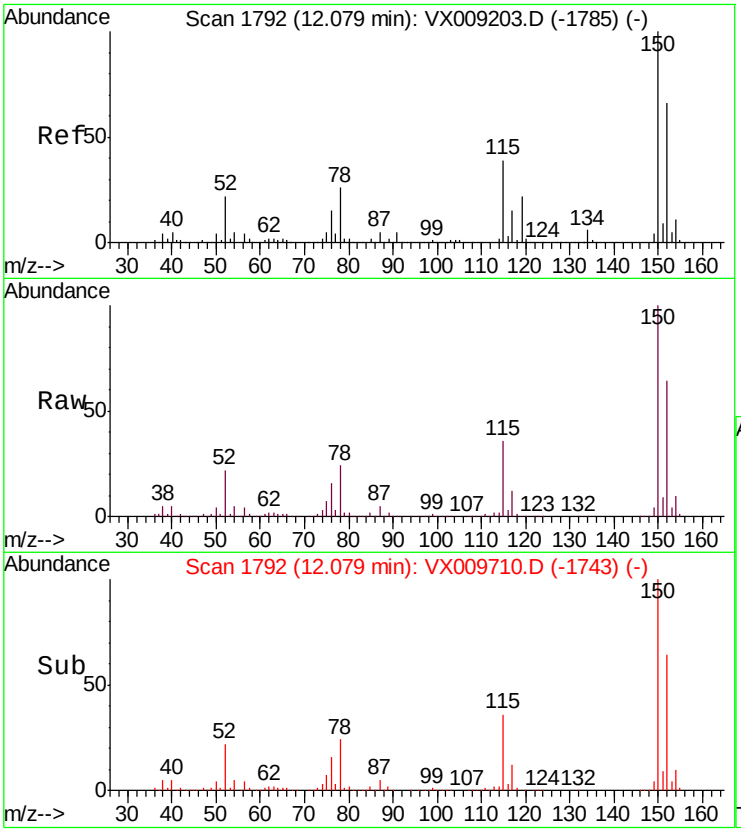


#64
Tetrachloroethene
Concen: 0.203 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion:164 Resp: 334

Ion	Ratio	Lower	Upper
164	100		
166	86.2	101.2	151.8#
129	93.8	74.3	111.5
131	64.0	71.0	106.6#



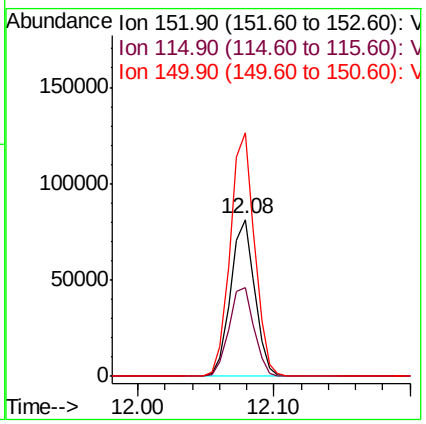


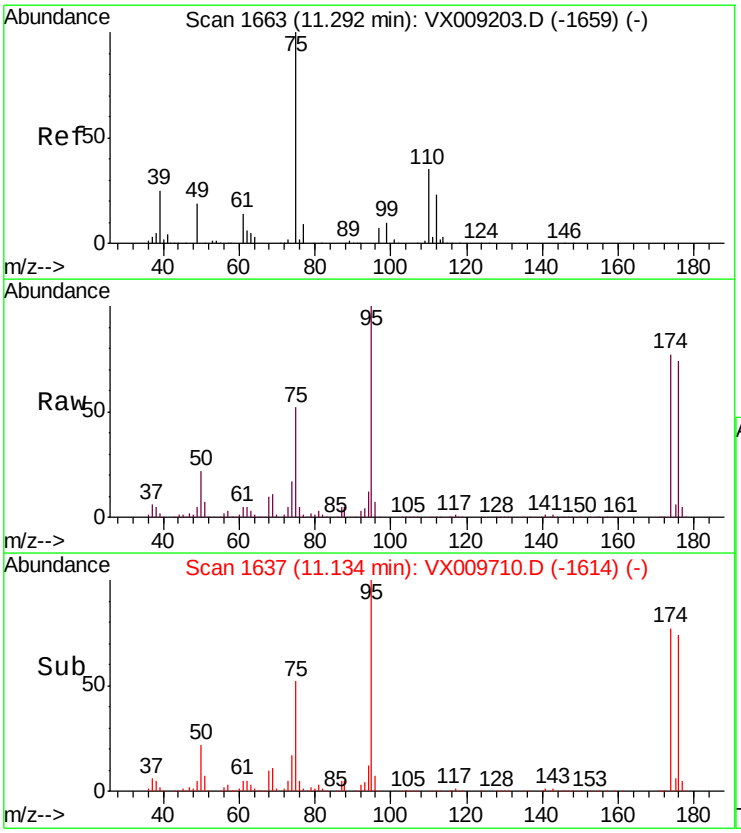
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:152 Resp: 100398

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	156.3	0.0	346.4

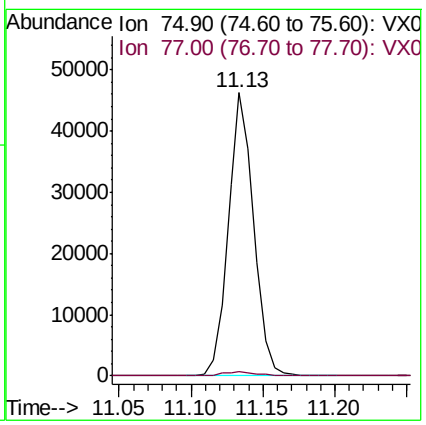


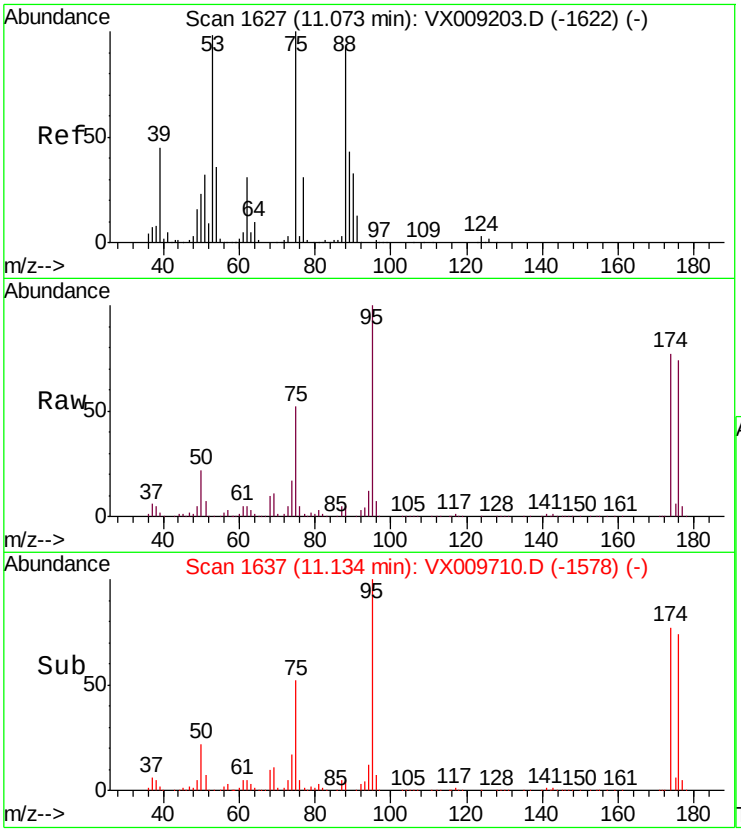


#76
1,2,3-Trichloropropane
Concen: 24.532 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 75 Resp: 57132

Ion	Ratio	Lower	Upper
75	100		
77	1.8	22.1	66.1#



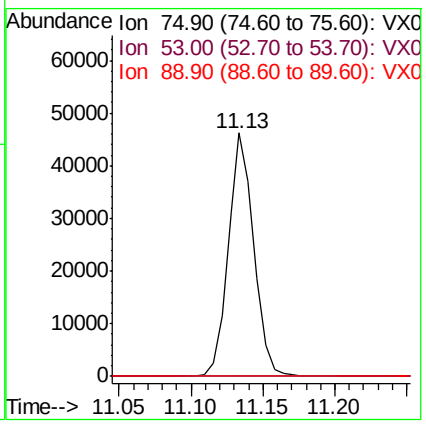


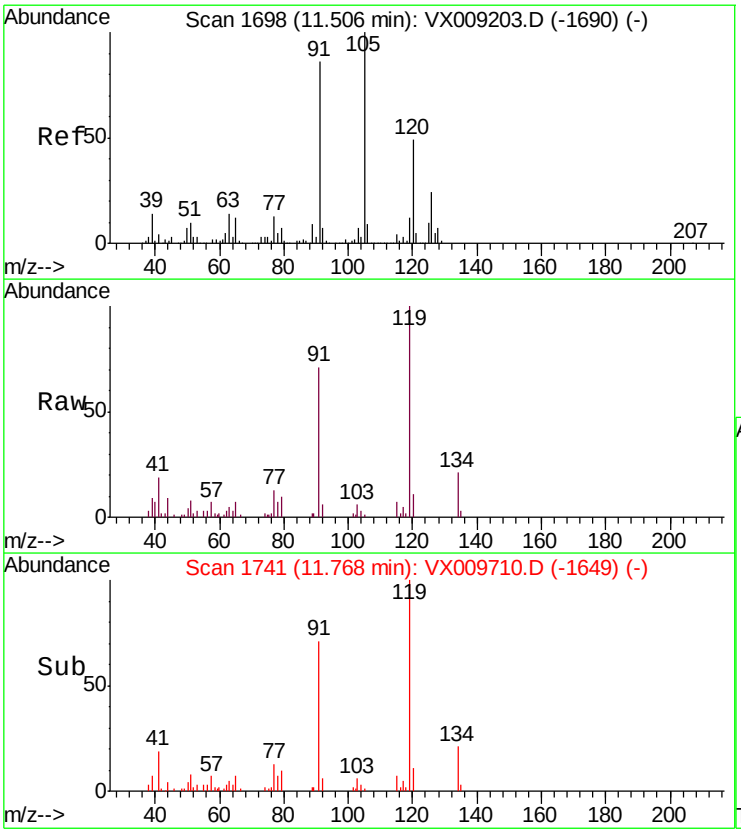
#81
trans-1,4-Dichloro-2-butene
Concen: 62.769 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion: 75 Resp: 57132

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

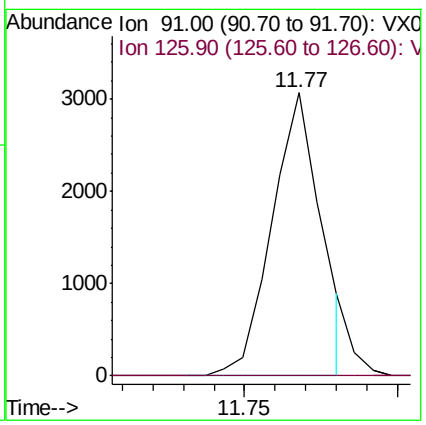


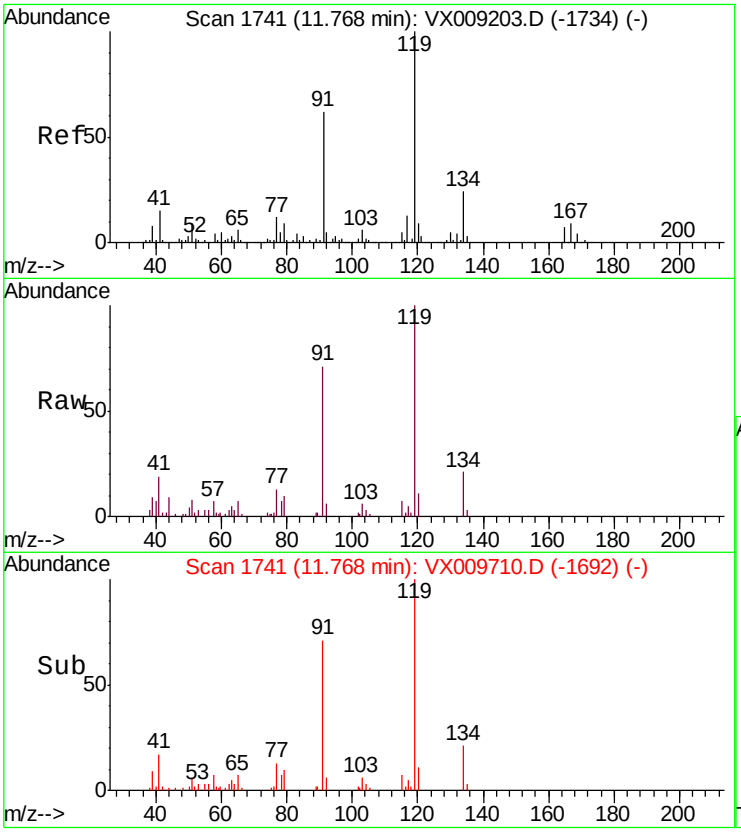


#82
4-Chlorotoluene
Concen: 0.589 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.26 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion: 91 Resp: 3422

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	43.6#



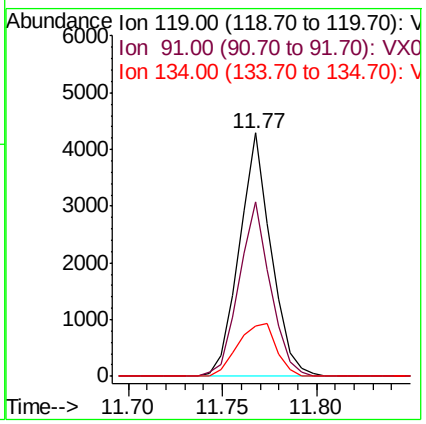


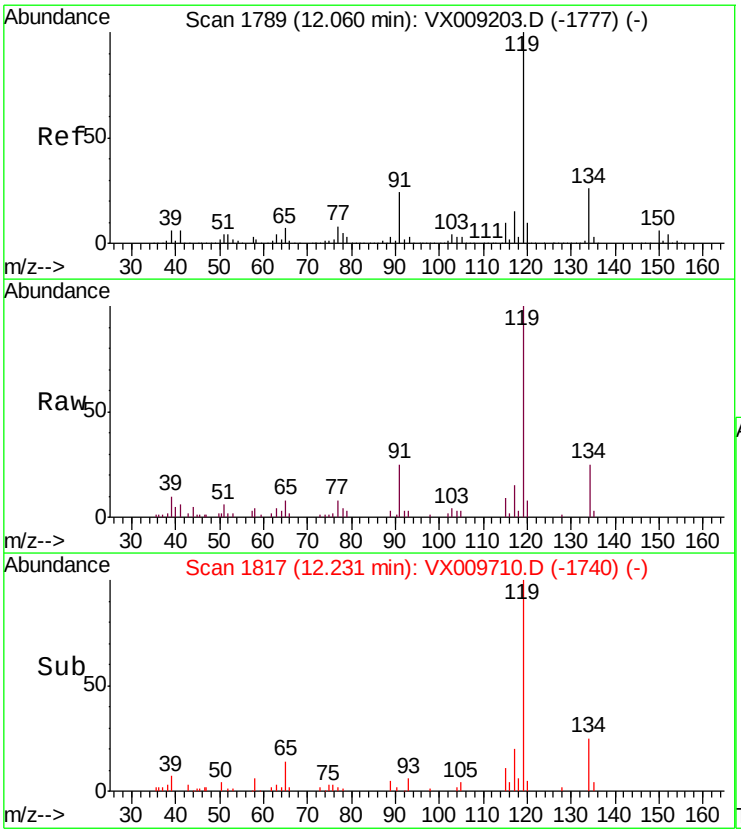
#83
tert-Butylbenzene
Concen: 0.839 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:119 Resp: 5015

Ion	Ratio	Lower	Upper
119	100		
91	70.6	29.5	88.5
134	26.5	11.4	34.1

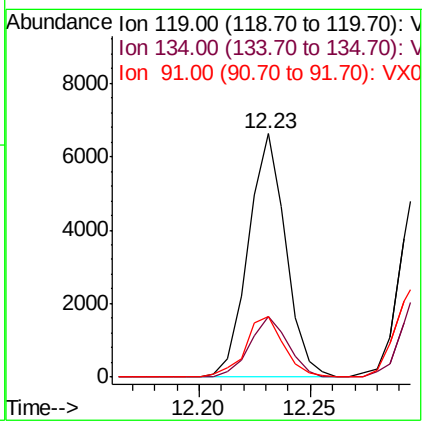


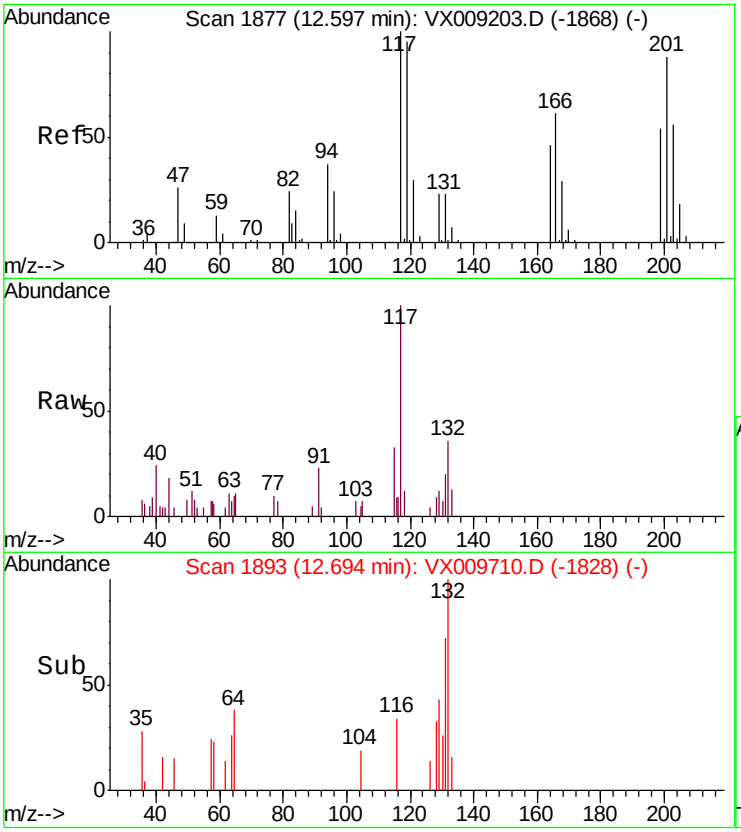


#86
p-Isopropyltoluene
Concen: 1.217 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion:119 Resp: 7757

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.9	38.7
91	25.8	11.8	35.4



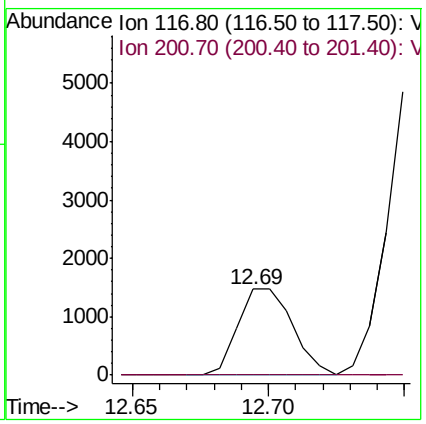


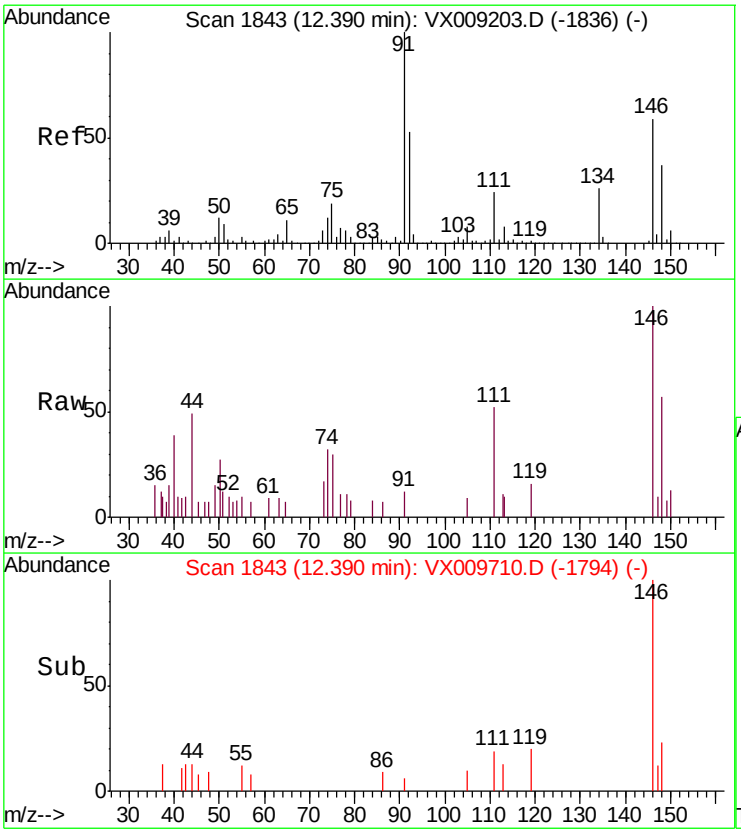
#90
Hexachloroethane
Concen: 1.880 ug/l
RT: 12.69 min Scan# 1893
Delta R.T. 0.10 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :
MW-04A_R2

Tgt Ion:117 Resp: 2041

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#





#91
1,2-Dichlorobenzene
Concen: 0.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009710.D
Acq: 18 May 2019 11:20

Tgt Ion:146 Resp: 886

Ion	Ratio	Lower	Upper
146	100		
111	52.6	20.8	62.4
148	73.5	31.9	95.9