Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

Quantitation Report (Not Reviewed)

Data File : VX013936.D
Acq On : 11 Dec 2019 12:01
Operator : JC/SP
Sample : K6185-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Quant Time: Dec 12 03:57:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	565692	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	872155	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	768941	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343097	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	318751	48.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.08%				
35) Dibromofluoromethane	5.49	113	263035	48.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.56%				
50) Toluene-d8	8.71	98	1039015	49.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.92%				
62) 4-Bromofluorobenzene	11.14	95	339793	44.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.72%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2865	0.406	ug/l		95
5) Bromomethane	1.66	94	2130	0.399	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3902	0.723	ug/l		94
10) Methyl Iodide	2.51	142	3091	0.474	ug/l	#	83
11) Tert butyl alcohol	3.01	59	3884	2.396	ug/l	#	82
13) Acrolein	2.27	56	186	6.171	ug/l	#	46
15) Acrylonitrile	3.12	53	1008	0.301	ug/l	#	44
16) Acetone	2.43	43	11537	3.559	ug/l		93
17) Carbon Disulfide	2.56	76	3352	0.218	ug/l	#	92
29) Tetrahydrofuran	5.09	42	856	0.288	ug/l	#	90
36) 1,1-Dichloropropene	5.65	75	38133	4.817	ug/l	#	52
38) Carbon Tetrachloride	5.76	117	1574	0.216	ug/l	#	63
44) Trichloroethene	7.21	130	160087	24.191	ug/l		96
49) 1,4-Dioxane	7.74	88	1845	11.602	ug/l	#	67
64) Tetrachloroethene	9.33	164	5314	0.927	ug/l		91
76) 1,2,3-Trichloropropane	11.13	75	167017	21.643	ug/l	#	38
77) Bromobenzene	11.26	156	1312	0.202	ug/l		80
81) trans-1,4-Dichloro-2-buten	11.13	75	167017	59.212	ug/l	#	11
87) 1,3-Dichlorobenzene	12.03	146	2702	0.238	ug/l		97
88) 1,4-Dichlorobenzene	12.03	146	2702	0.234	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	12.97	75	682	0.375	ug/l		58
93) 1,2,4-Trichlorobenzene	13.65	180	2924	0.375	ug/l		91
95) Naphthalene	13.83	128	6194	0.267	ug/l	#	85
96) 1,2,3-Trichlorobenzene	14.02	180	2046	0.265	ug/l		83

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

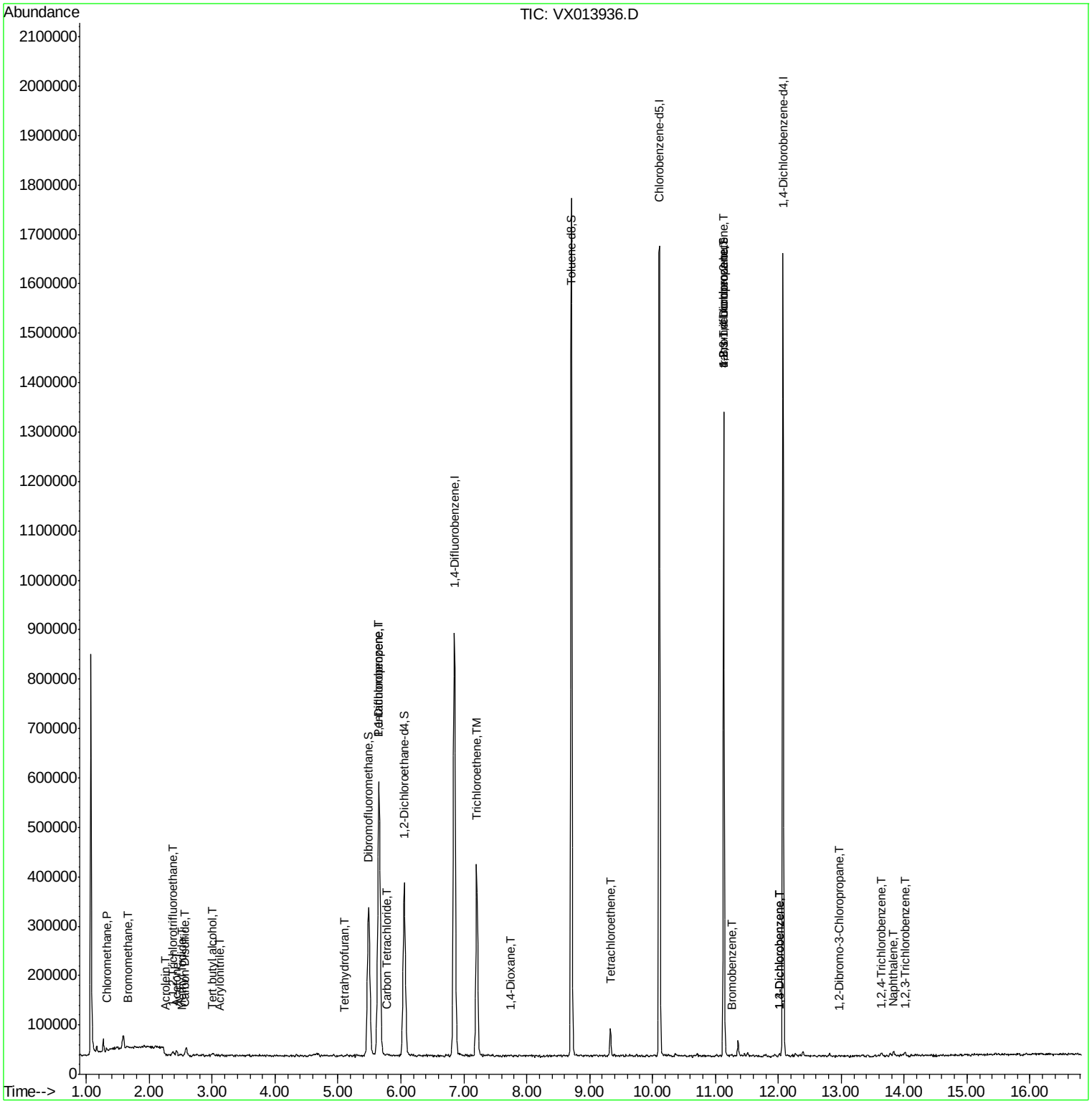
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

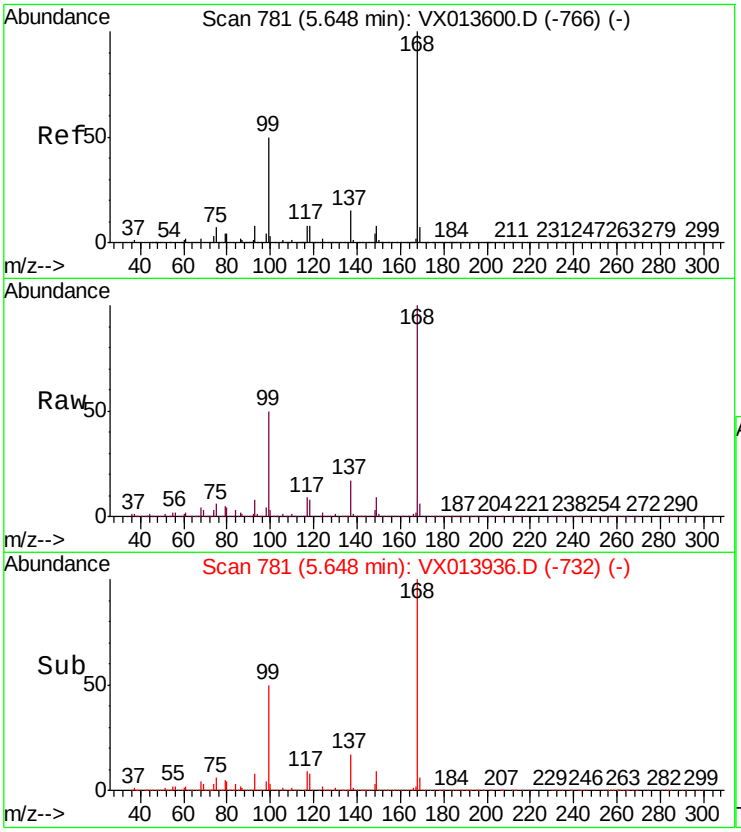
Quantitation Report (Not Reviewed)

Data File : VX013936.D
Acq On : 11 Dec 2019 12:01
Operator : JC/SP
Sample : K6185-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Quant Time: Dec 12 03:57:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



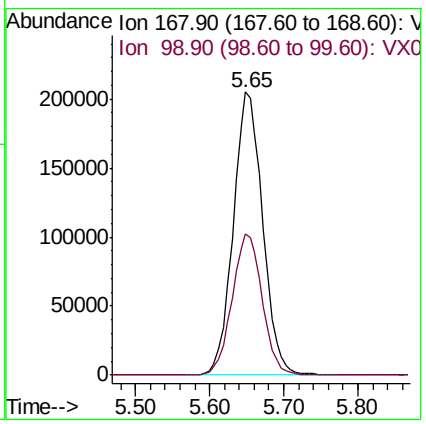


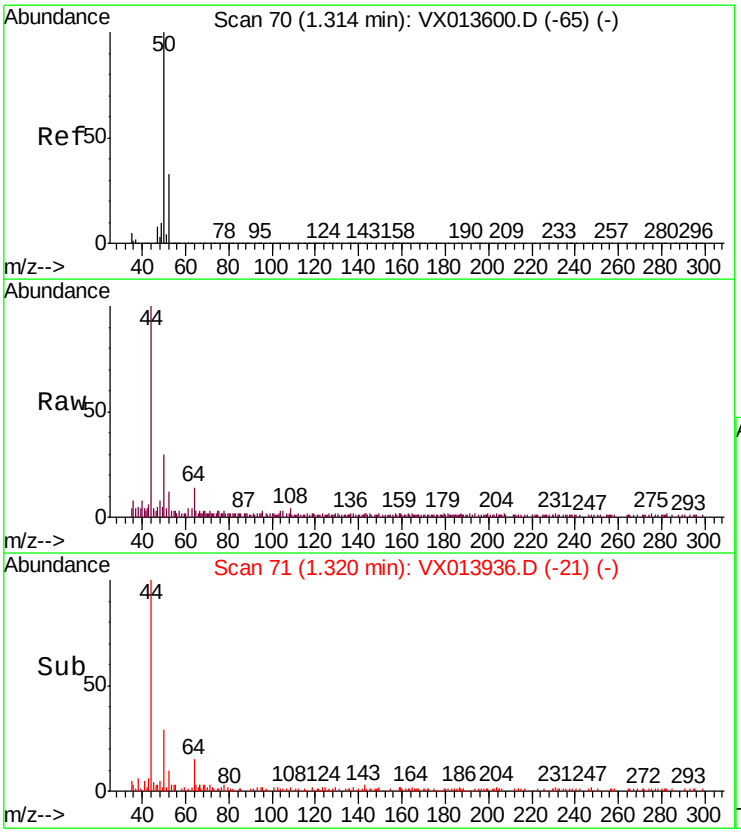
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion:168 Resp: 565692

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.8	59.8

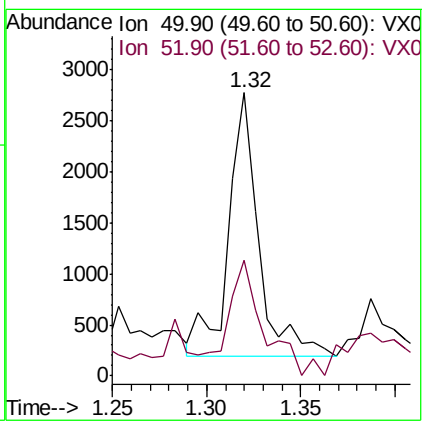


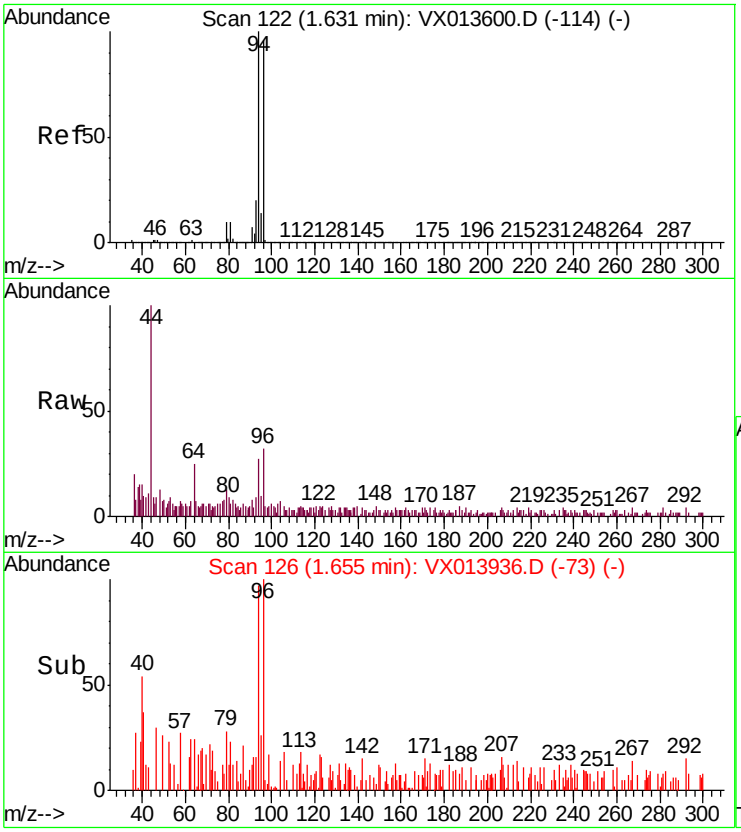


#3
Chloromethane
Concen: 0.406 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 50 Resp: 2865

Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.0	39.0



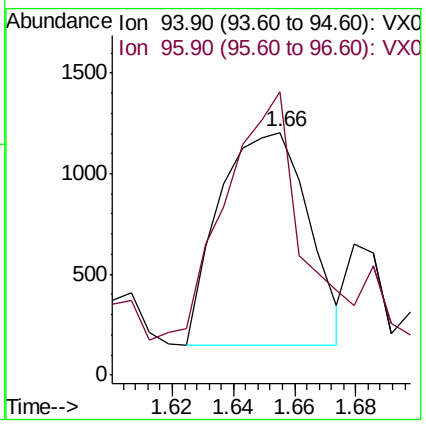


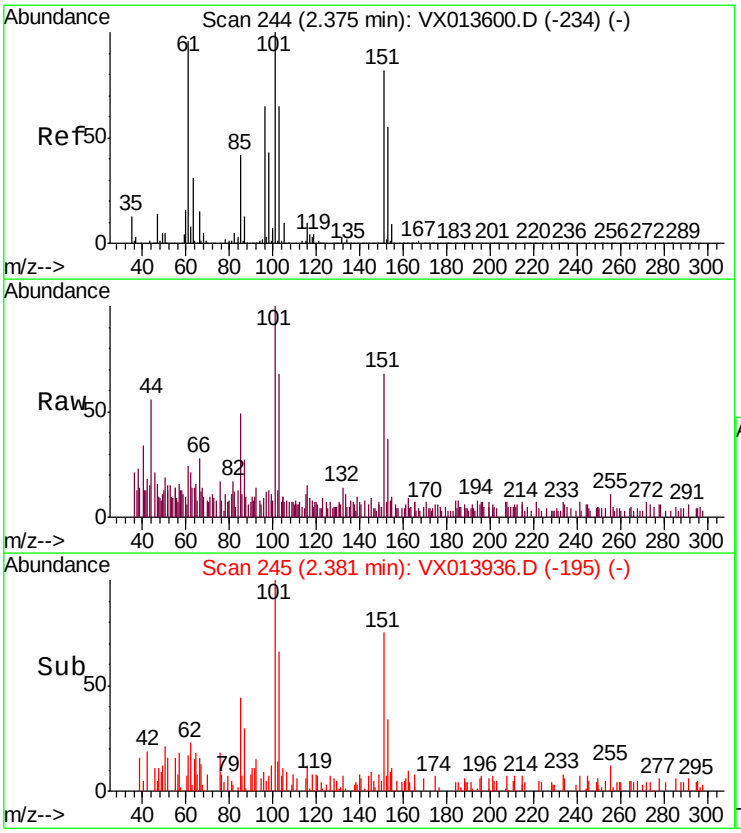
#5
Bromomethane
Concen: 0.399 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.02 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 94 Resp: 2130

Ion	Ratio	Lower	Upper
94	100		
96	111.1	77.0	115.4

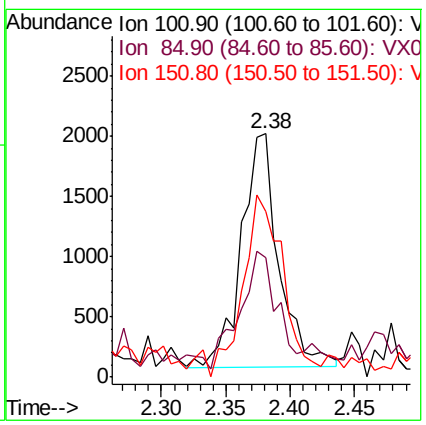


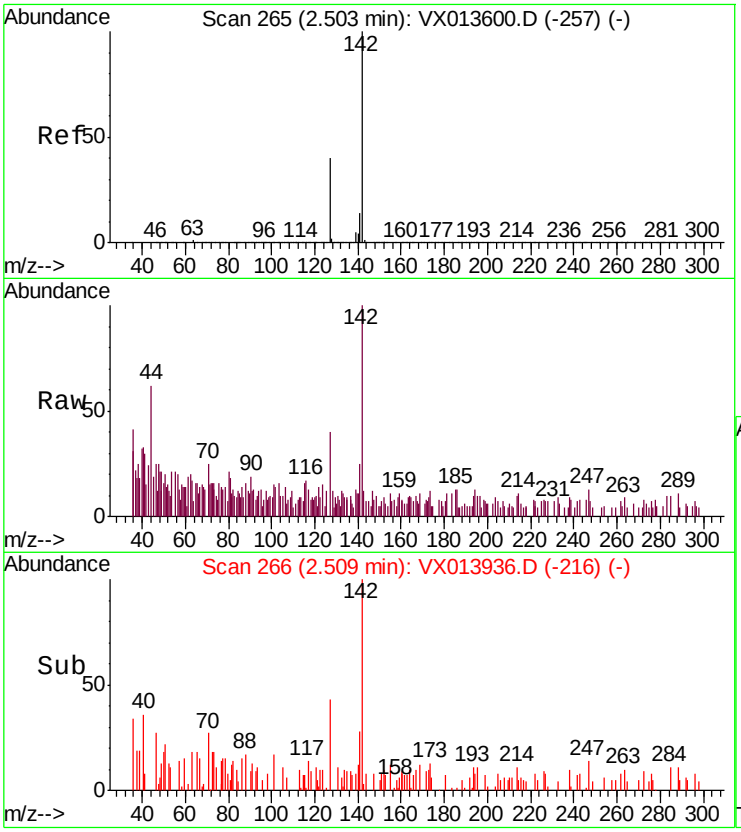


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.723 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:101 Resp: 3902

Ion	Ratio	Lower	Upper
101	100		
85	50.3	33.9	50.9
151	82.9	64.2	96.2



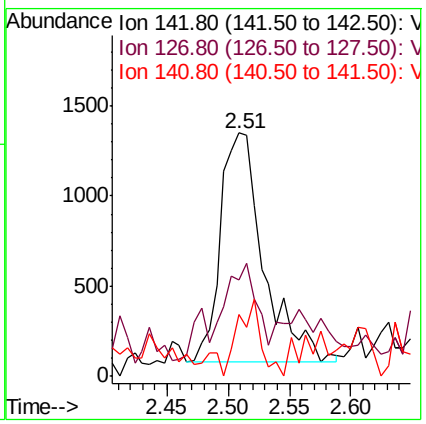


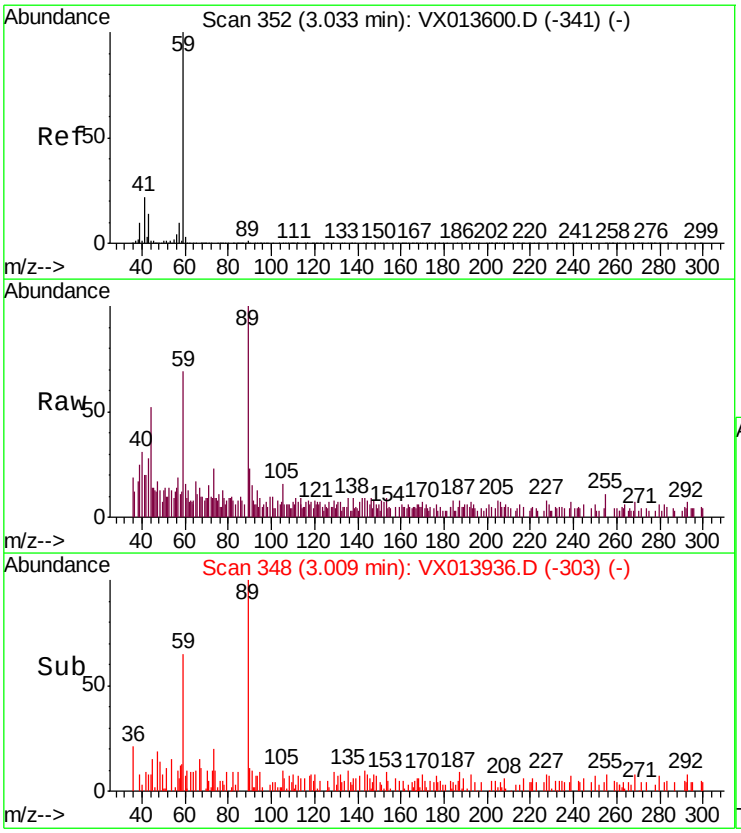
#10
Methyl Iodide
Concen: 0.474 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion:142 Resp: 3091

Ion	Ratio	Lower	Upper
142	100		
127	26.5	31.0	46.4#
141	17.5	11.6	17.4#

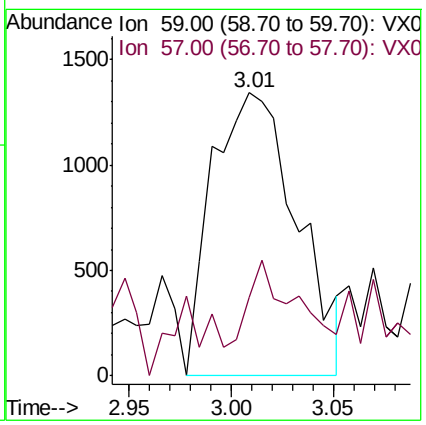


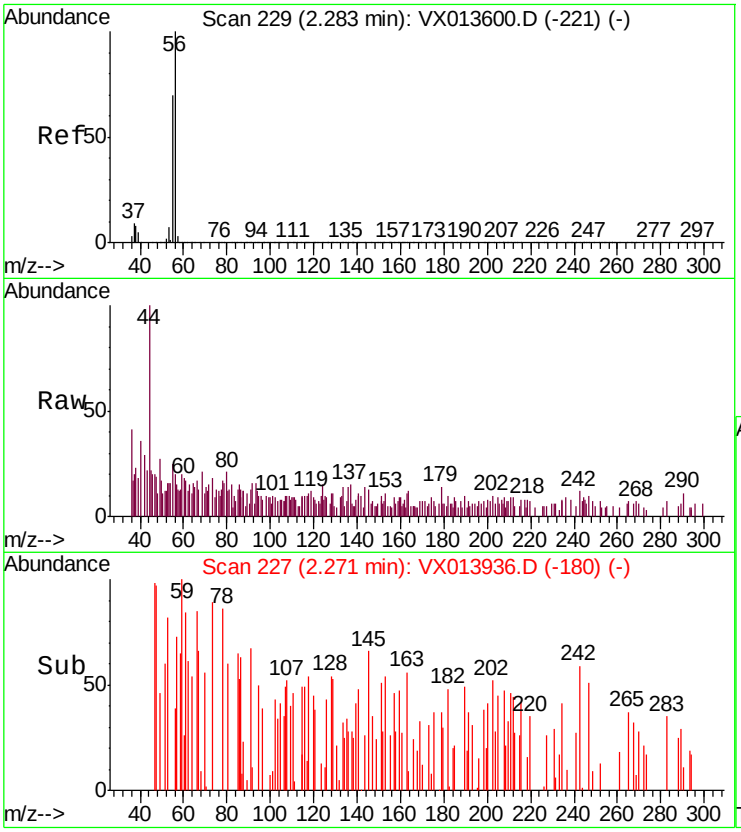


#11
Tert butyl alcohol
Concen: 2.396 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 59 Resp: 3884

Ion	Ratio	Lower	Upper
59	100		
57	16.4	7.8	11.6#



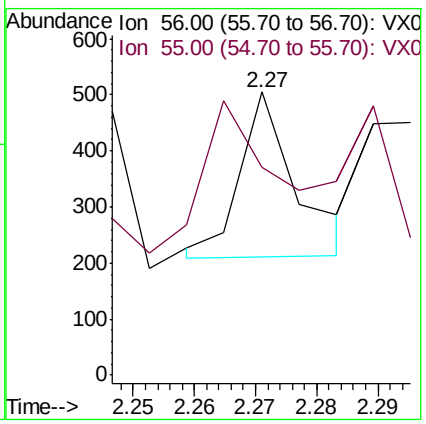


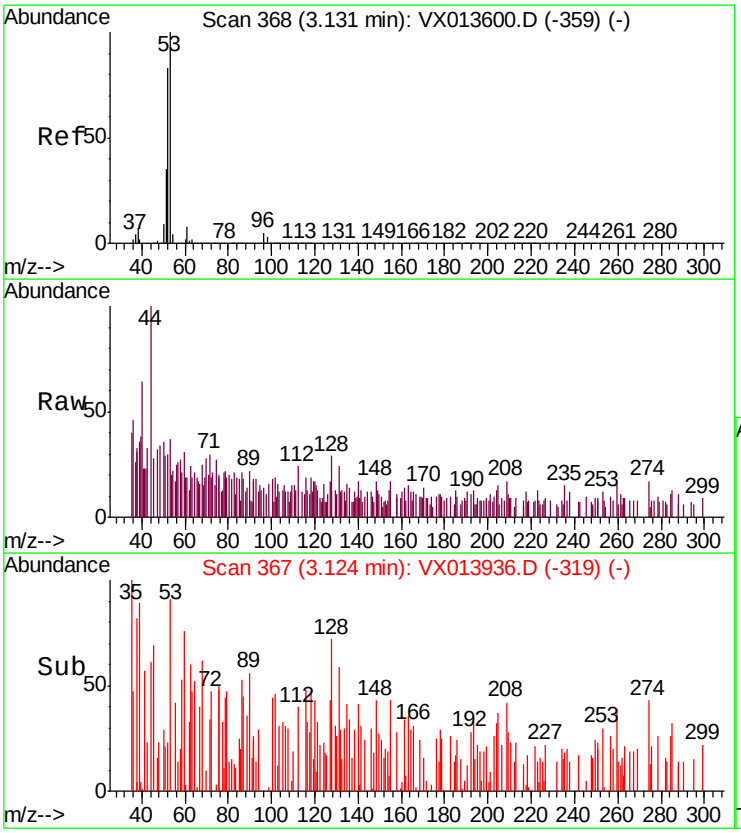
#13
Acrolein
Concen: 6.171 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 56 Resp: 186

Ion	Ratio	Lower	Upper
56	100		
55	114.5	56.2	84.4#

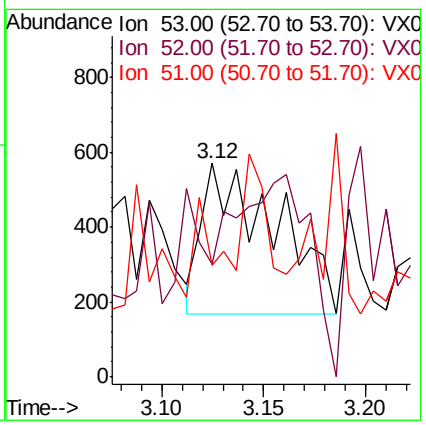


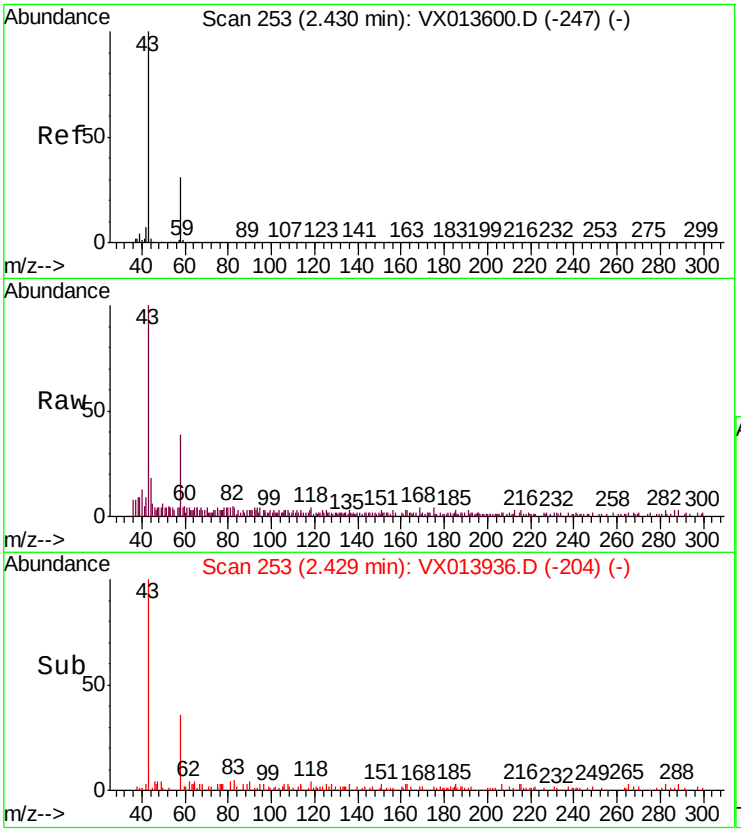


#15
Acrylonitrile
Concen: 0.301 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 53 Resp: 1008

Ion	Ratio	Lower	Upper
53	100		
52	25.5	66.2	99.2#
51	13.0	29.0	43.6#



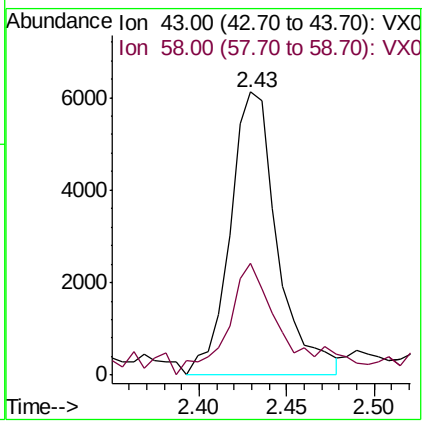


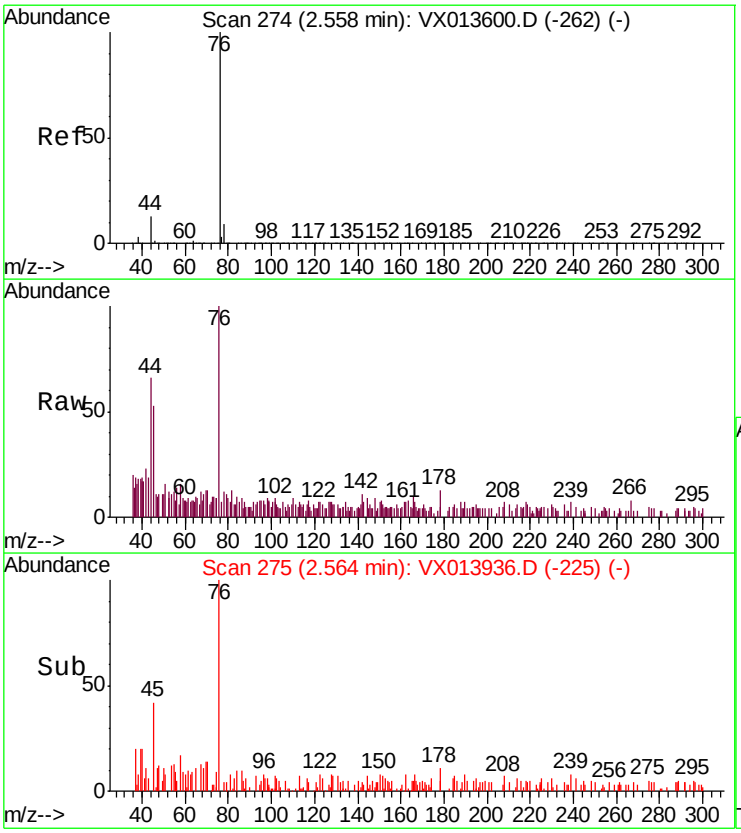
#16
Acetone
Concen: 3.559 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 43 Resp: 11537

Ion	Ratio	Lower	Upper
43	100		
58	34.4	24.6	36.8

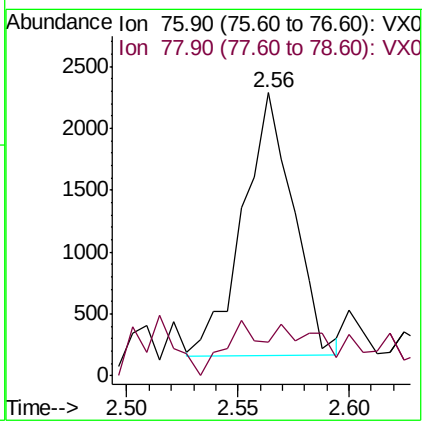


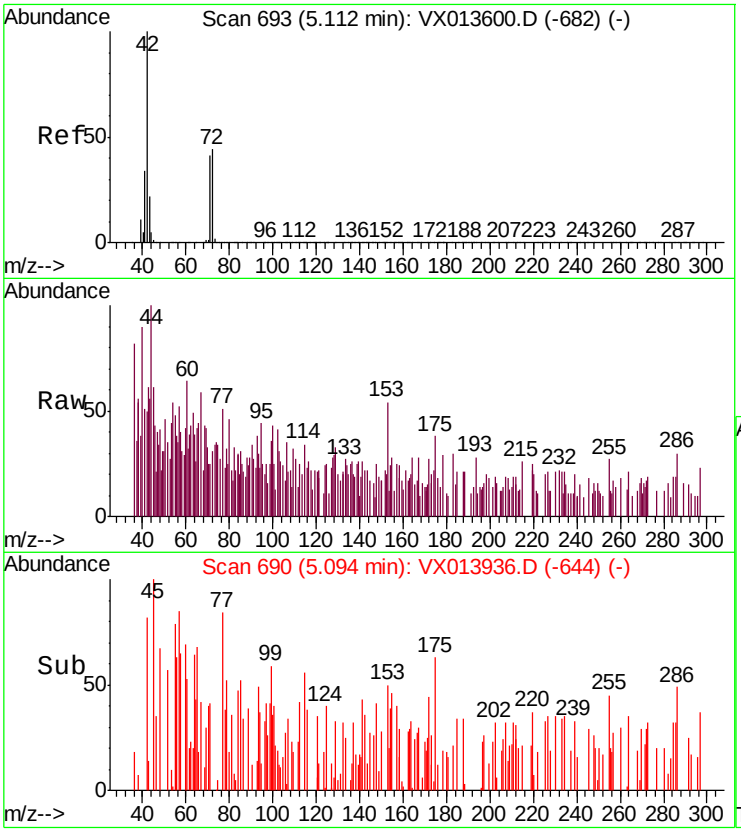


#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 76 Resp: 3352

Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.2	10.8#



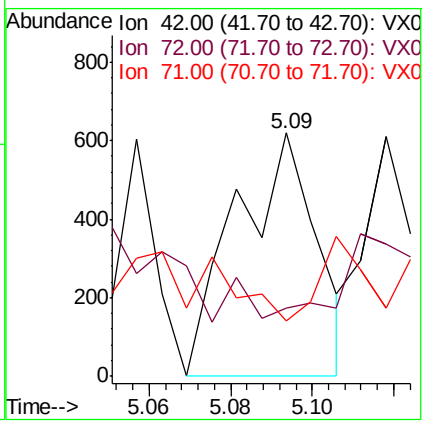


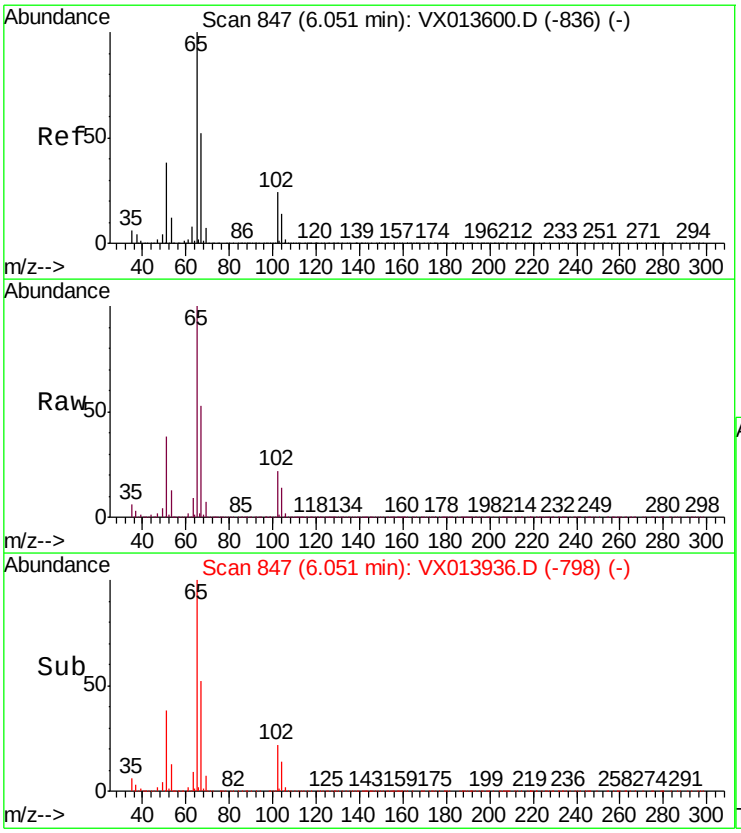
#29
Tetrahydrofuran
Concen: 0.288 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.02 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 42 Resp: 856

Ion	Ratio	Lower	Upper
42	100		
72	33.3	36.3	54.5#
71	42.4	33.2	49.8

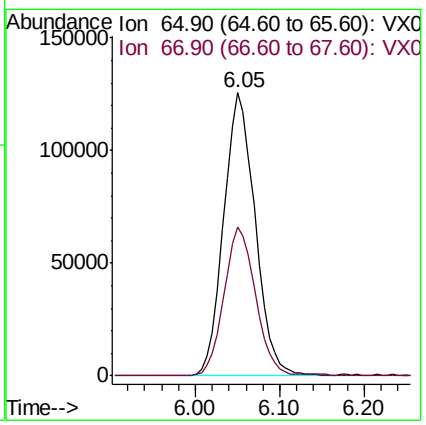


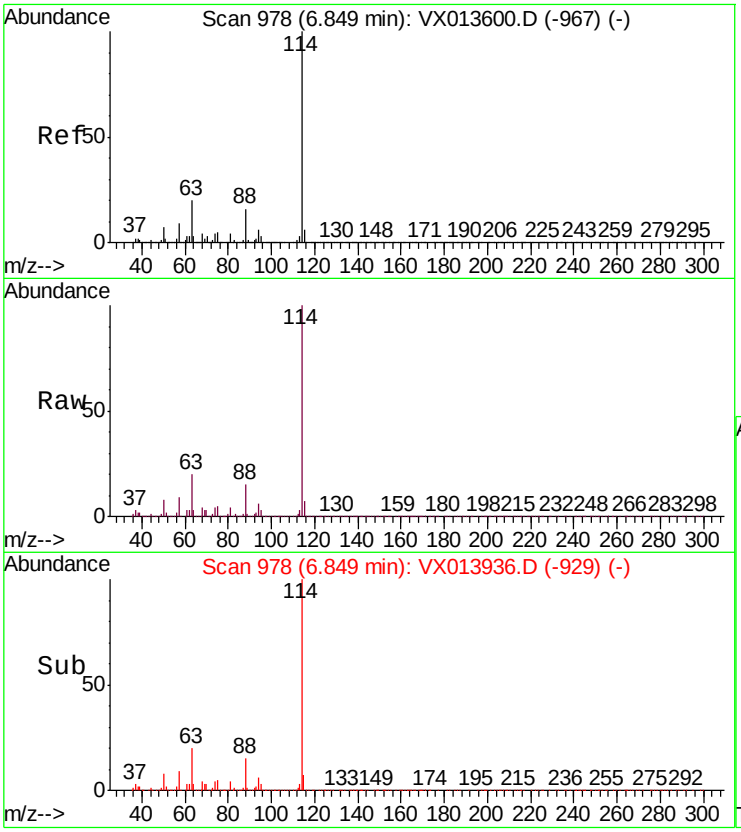


#33
1,2-Dichloroethane-d4
Concen: 48.543 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 65 Resp: 318751

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4



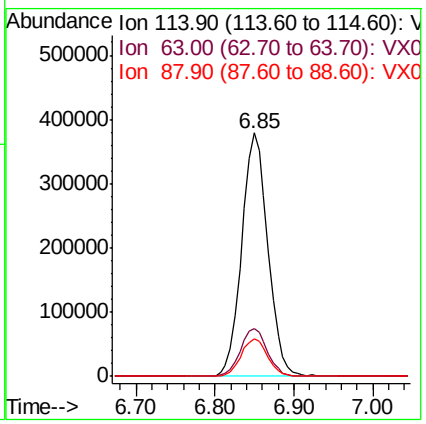


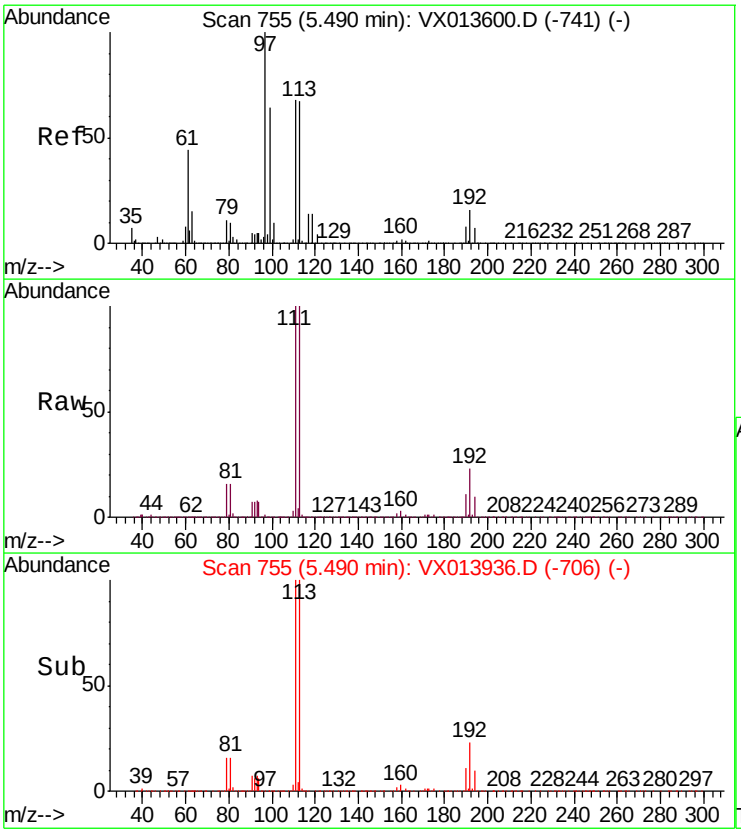
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Tgt Ion:114 Resp: 872155

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.6
88	15.3	0.0	31.4

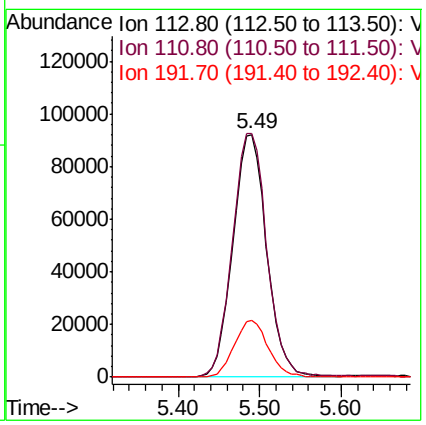


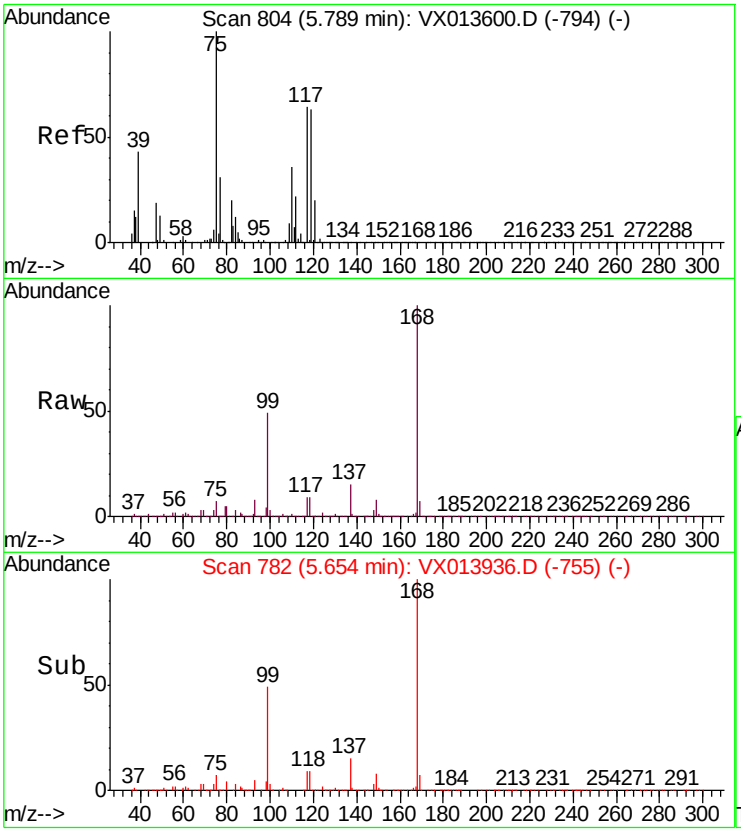


#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:113 Resp: 263035

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.6	125.4
192	23.5	19.2	28.8



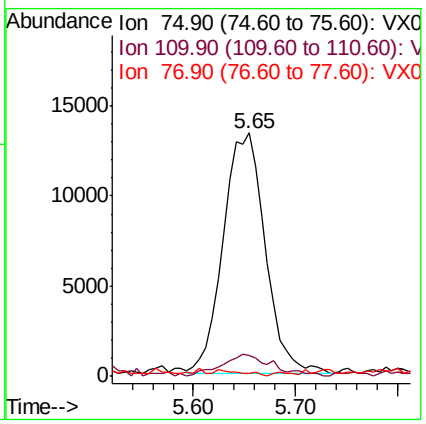


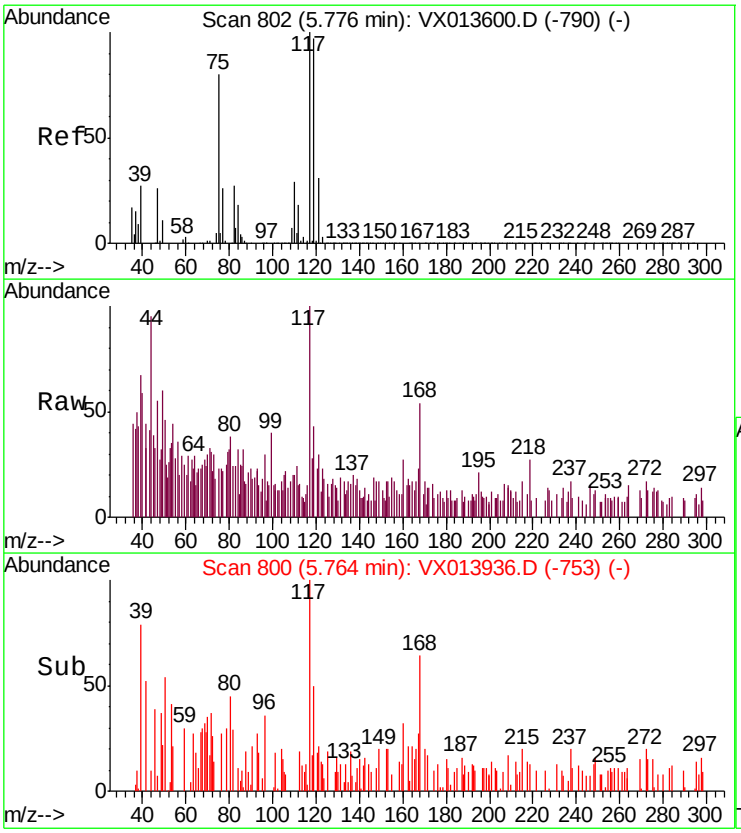
#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Tgt Ion: 75 Resp: 38133

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.1#
77	0.0	24.5	36.7#

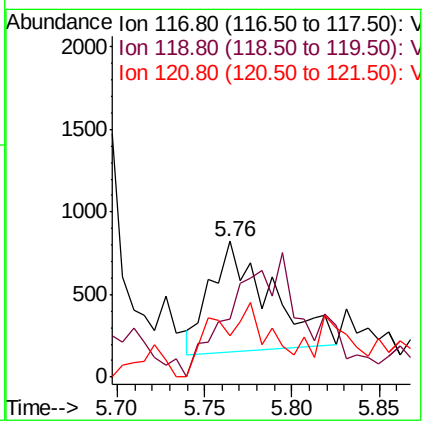


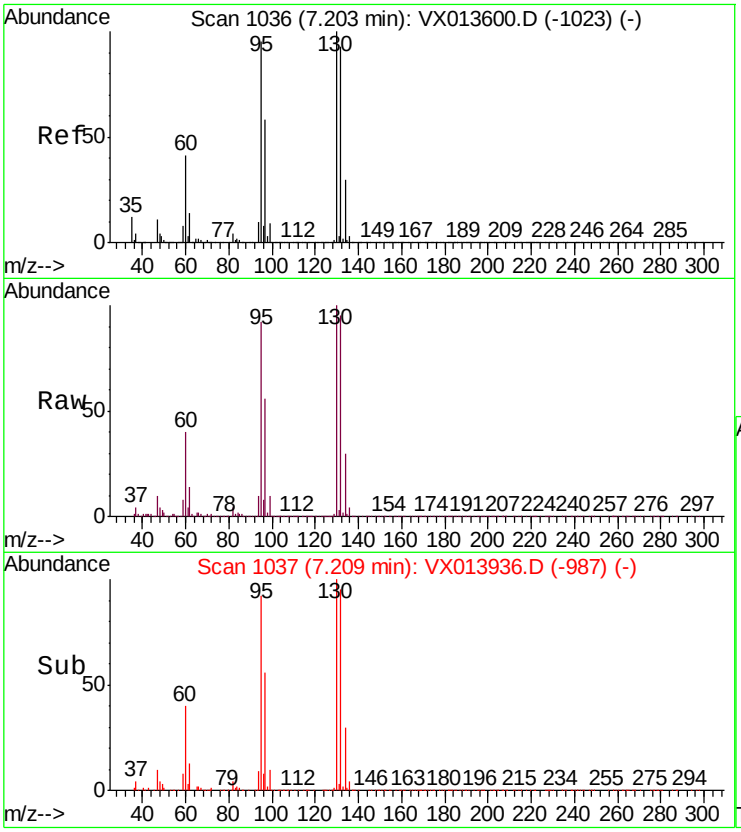


#38
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:117 Resp: 1574

Ion	Ratio	Lower	Upper
117	100		
119	56.3	77.5	116.3#
121	19.2	25.0	37.6#



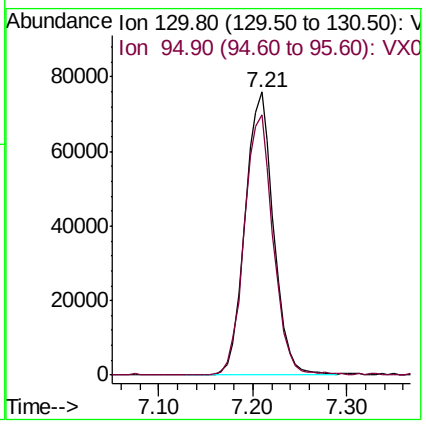


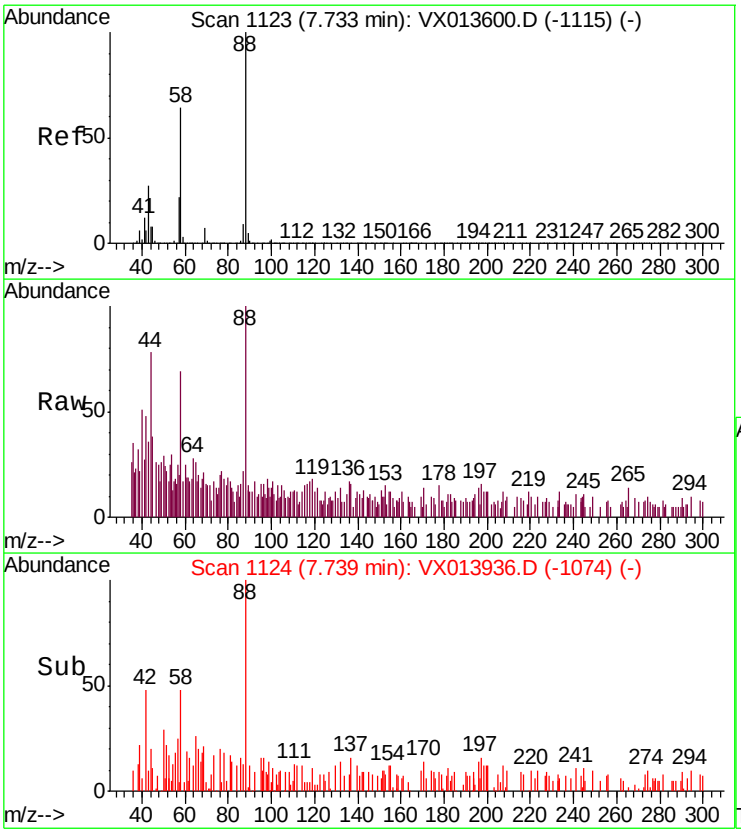
#44
Trichloroethene
Concen: 24.191 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion:130 Resp: 160087

Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	190.8

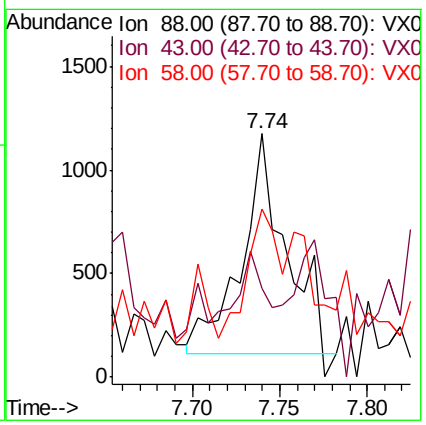


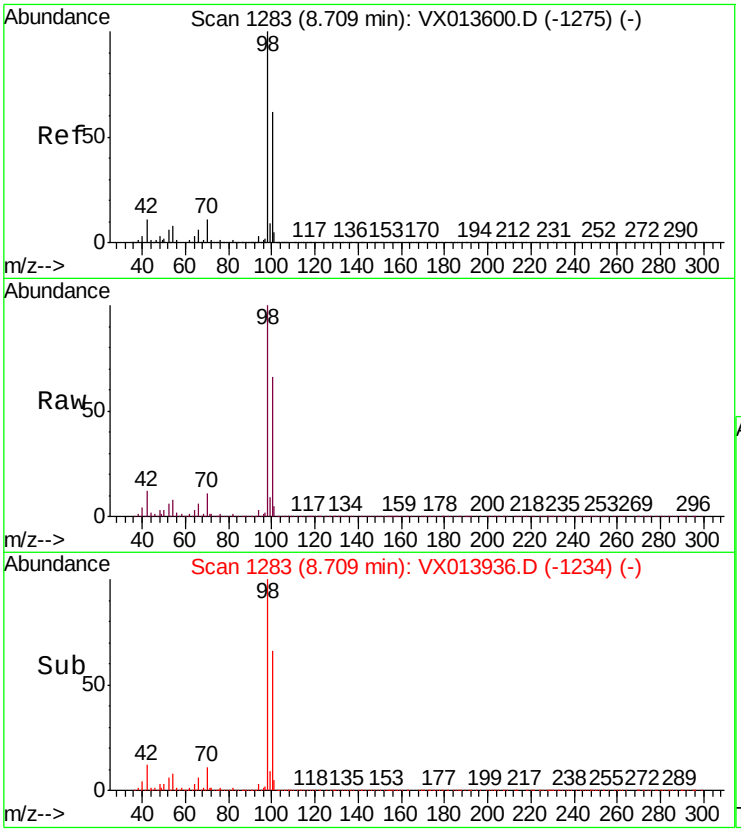


#49
1,4-Dioxane
Concen: 11.602 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 88 Resp: 1845

Ion	Ratio	Lower	Upper
88	100		
43	12.9	25.8	38.6#
58	41.8	54.6	82.0#



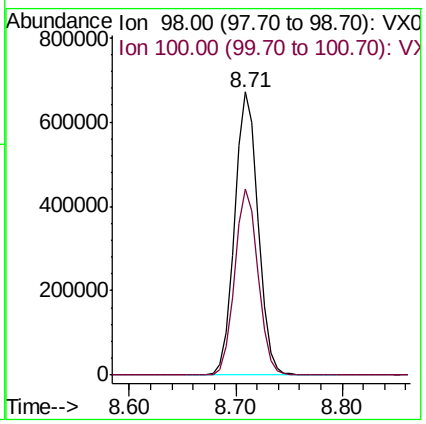


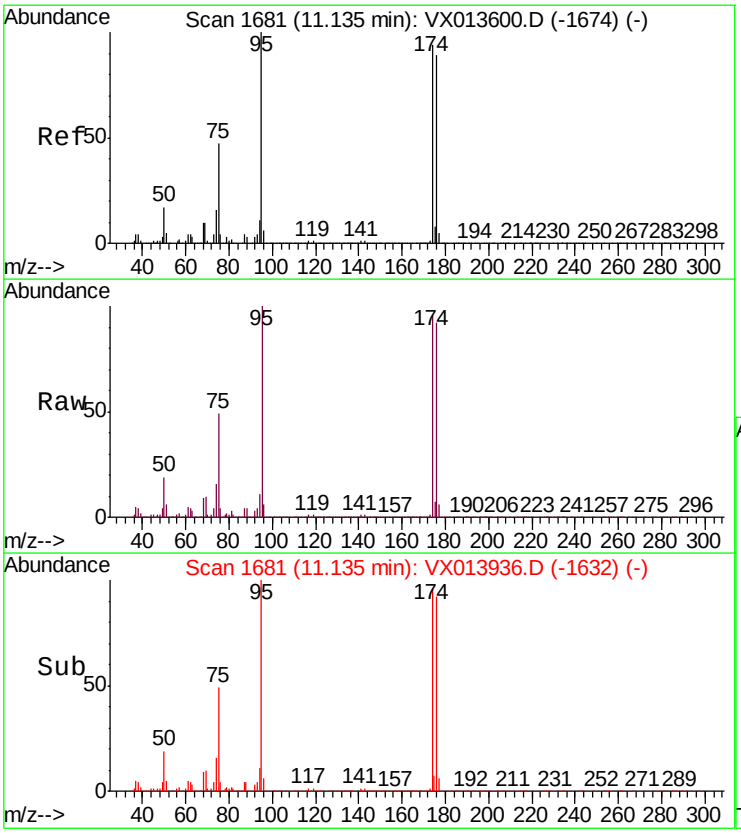
#50
Toluene-d8
Concen: 49.460 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 98 Resp: 1039015

Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.1	79.7

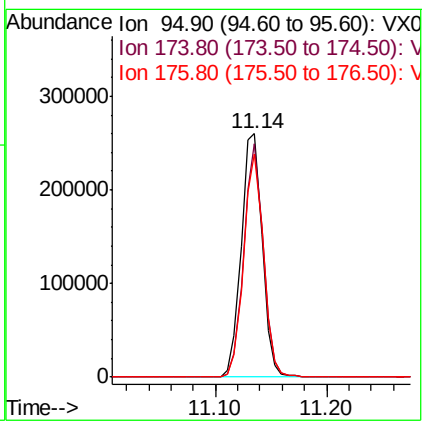


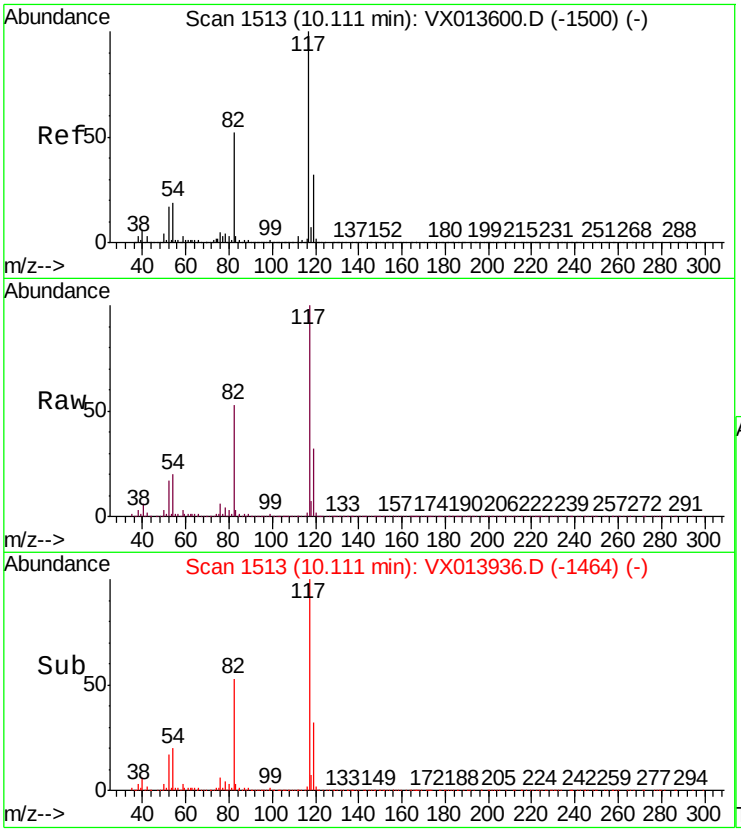


#62
4-Bromofluorobenzene
Concen: 44.856 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 95 Resp: 339793

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	180.0
176	86.8	0.0	173.6



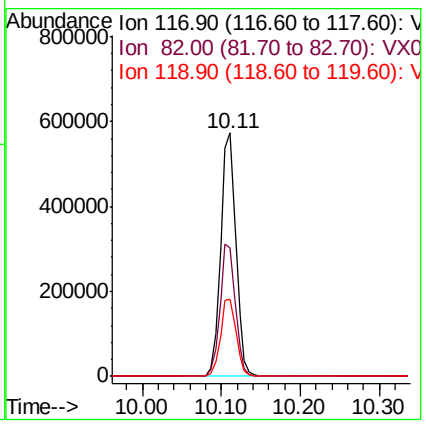


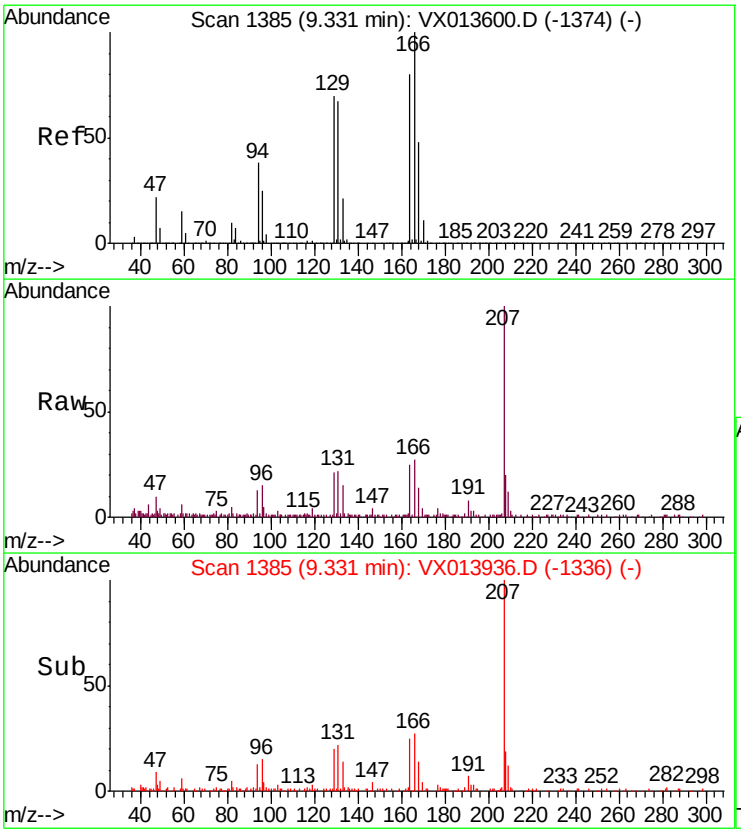
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Tgt Ion:117 Resp: 768941

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	31.7	25.8	38.8

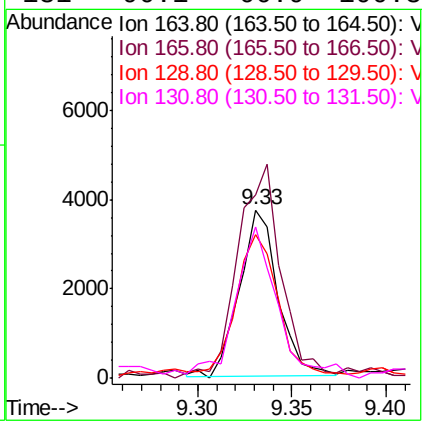


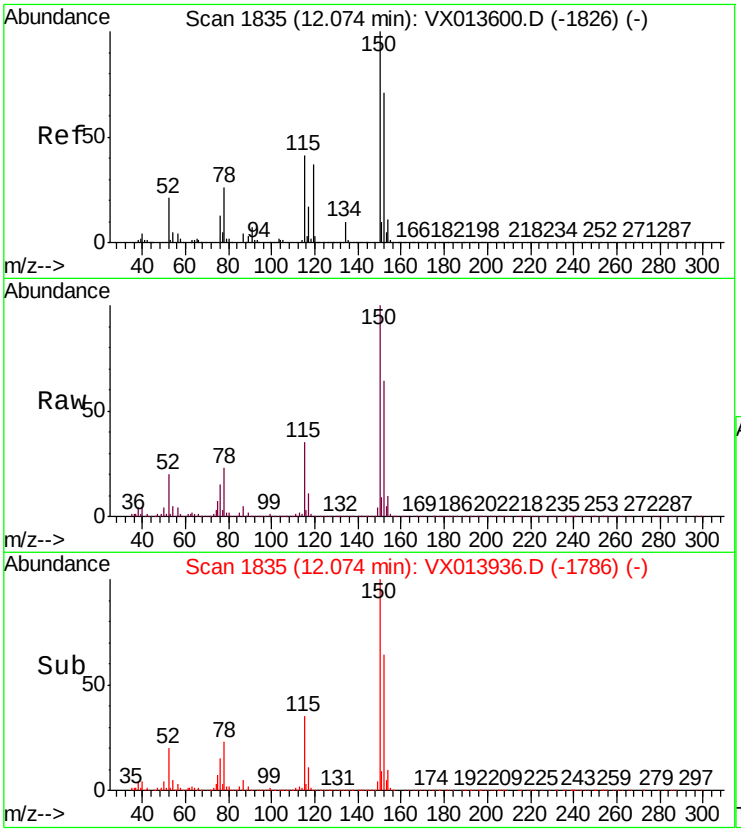


#64
Tetrachloroethene
Concen: 0.927 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:164 Resp: 5314

Ion	Ratio	Lower	Upper
164	100		
166	108.1	99.7	149.5
129	83.7	70.1	105.1
131	90.1	66.9	100.3



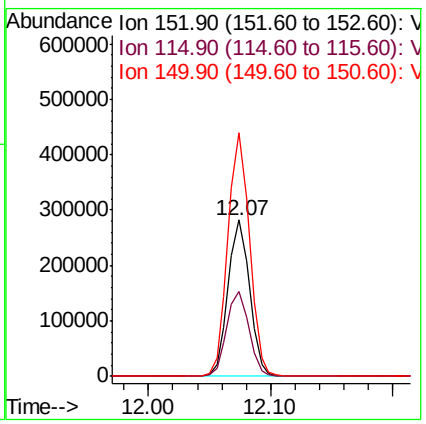


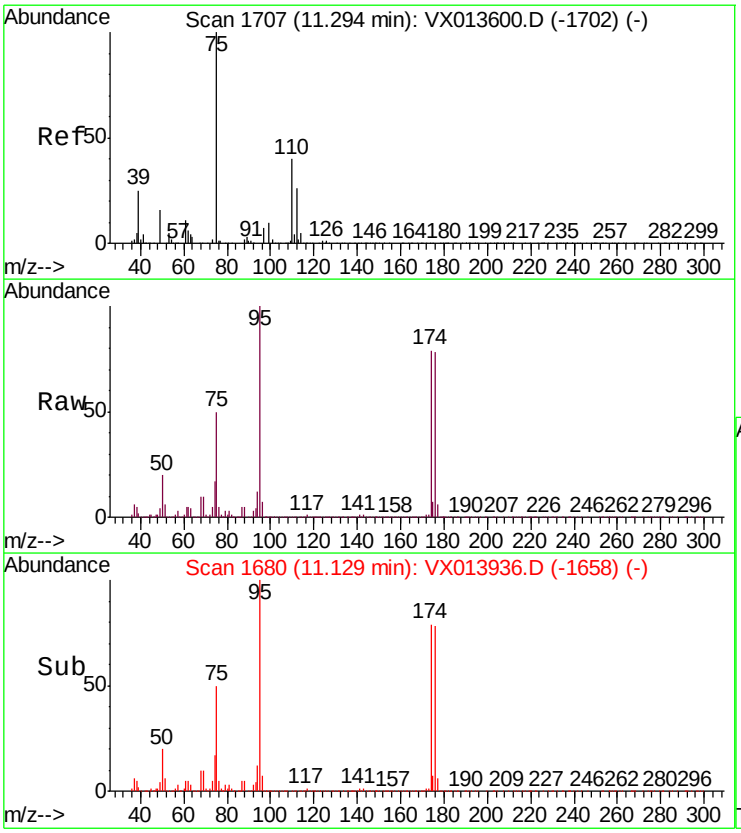
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion:152 Resp: 343097

Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	155.8	0.0	346.8

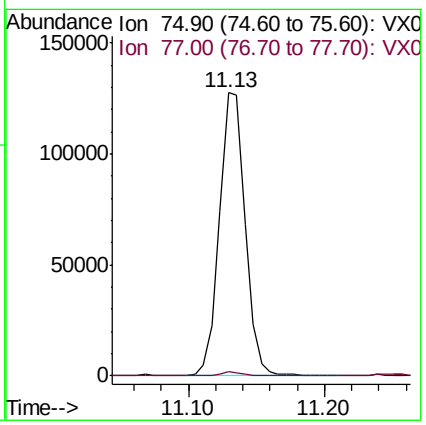


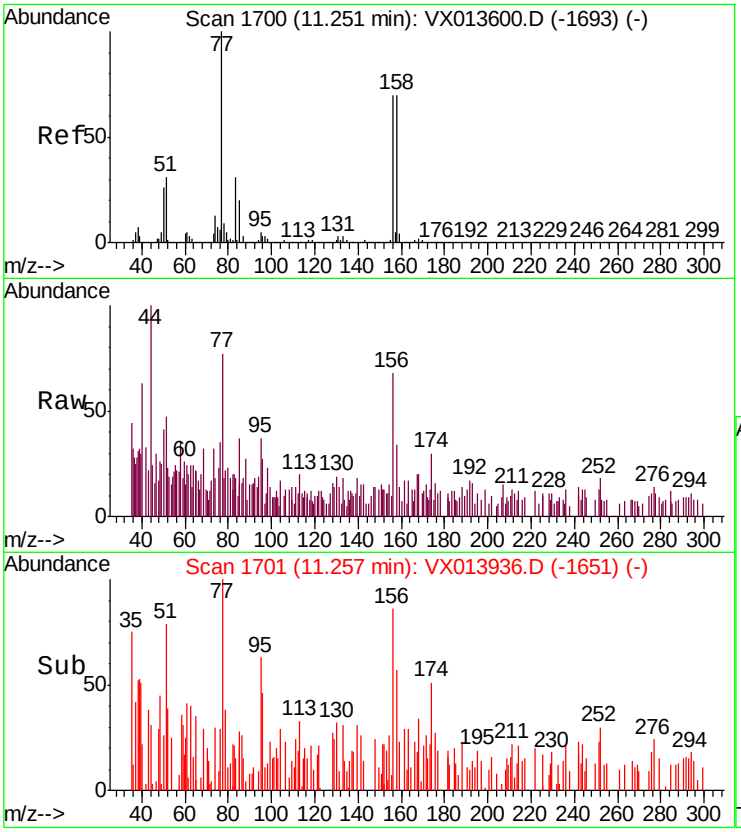


#76
1,2,3-Trichloropropane
Concen: 21.643 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 75 Resp: 167017

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#



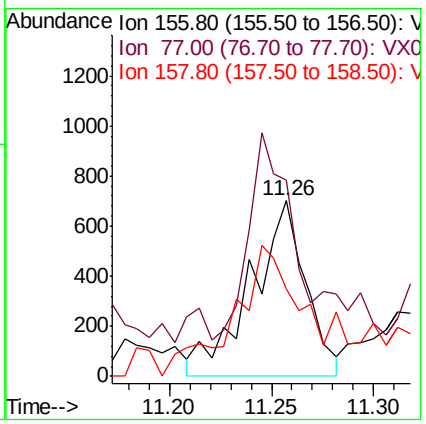


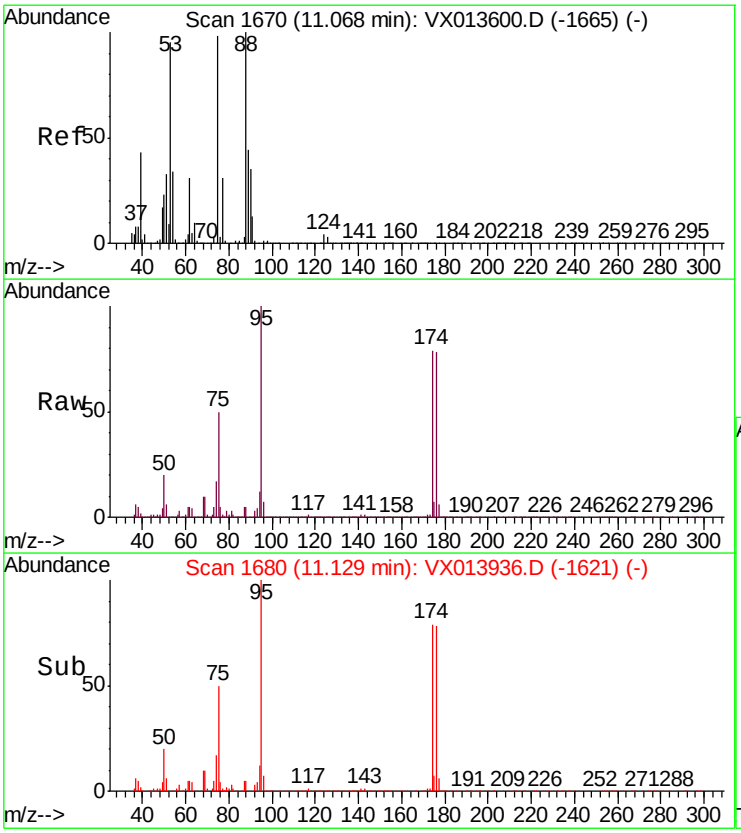
#77
Bromobenzene
Concen: 0.202 ug/l
RT: 11.26 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Tgt Ion:156 Resp: 1312

Ion	Ratio	Lower	Upper
156	100		
77	111.0	74.4	223.1
158	102.4	48.9	146.6

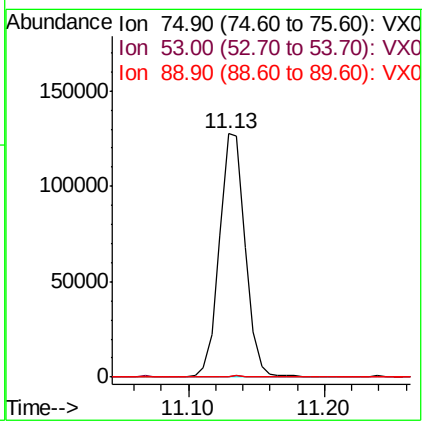


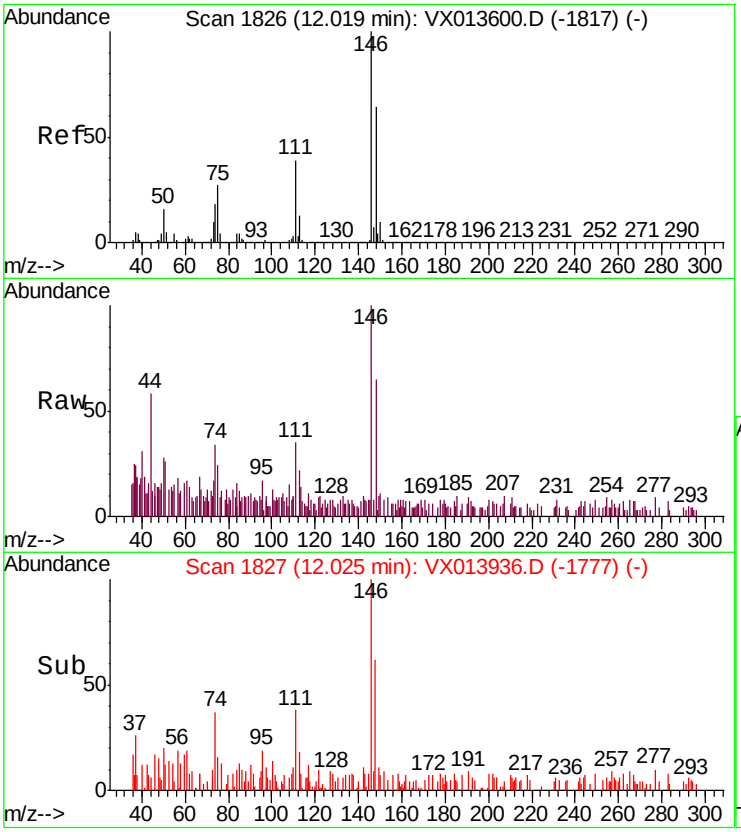


#81
trans-1,4-Dichloro-2-butene
Concen: 59.212 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion: 75 Resp: 167017

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.2#
89	0.2	35.4	53.2#



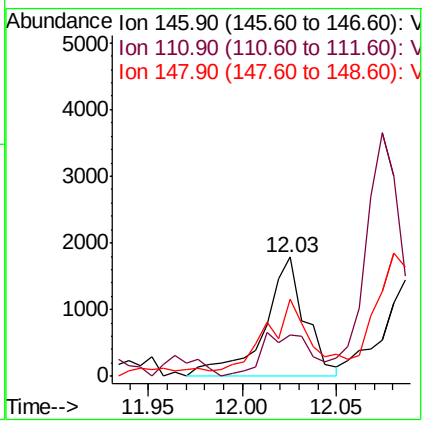


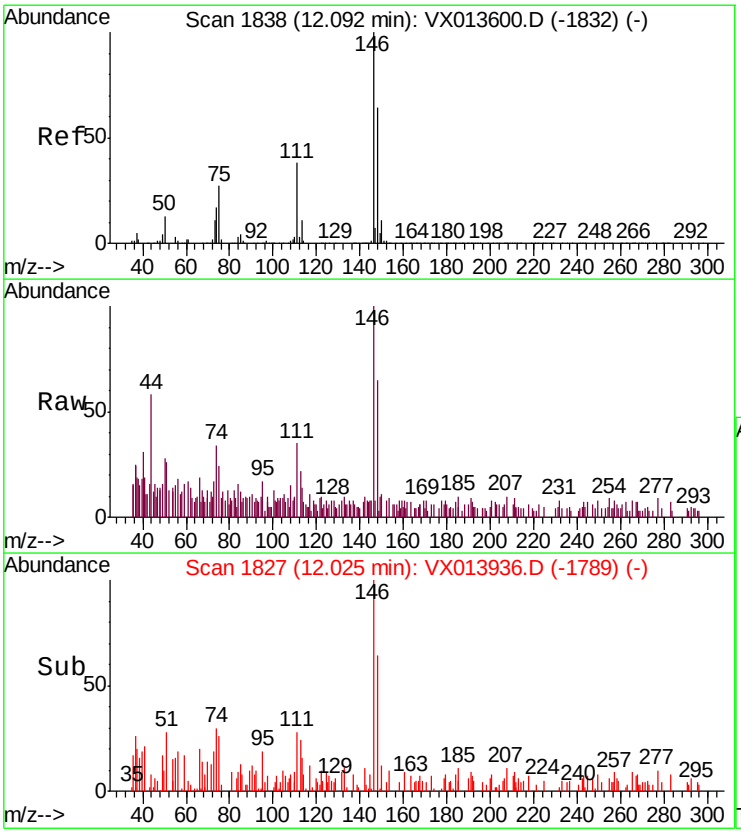
#87
1,3-Dichlorobenzene
Concen: 0.238 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion:146 Resp: 2702

Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.0	57.0
148	64.1	31.8	95.4

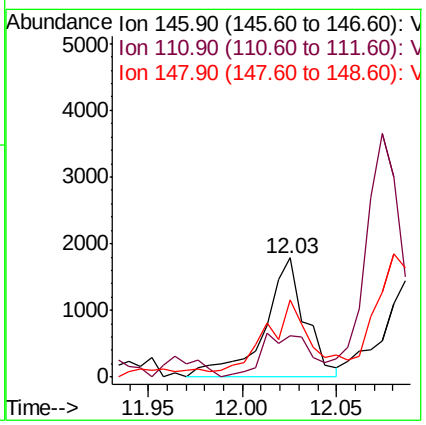


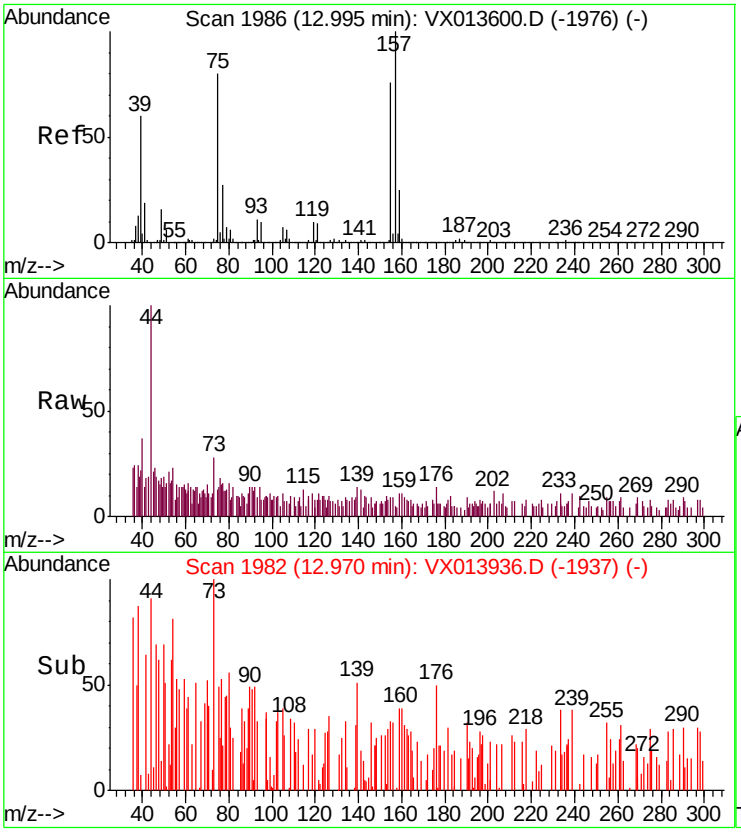


#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:146 Resp: 2702

Ion	Ratio	Lower	Upper
146	100		
111	43.0	18.9	56.9
148	63.9	31.9	95.5



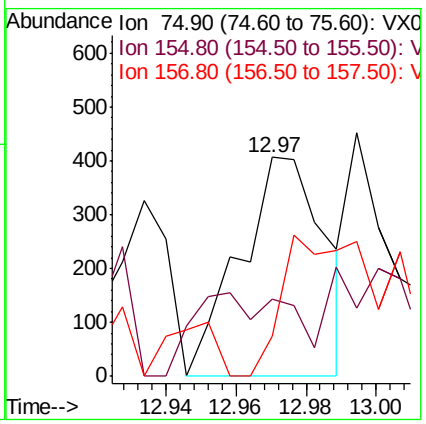


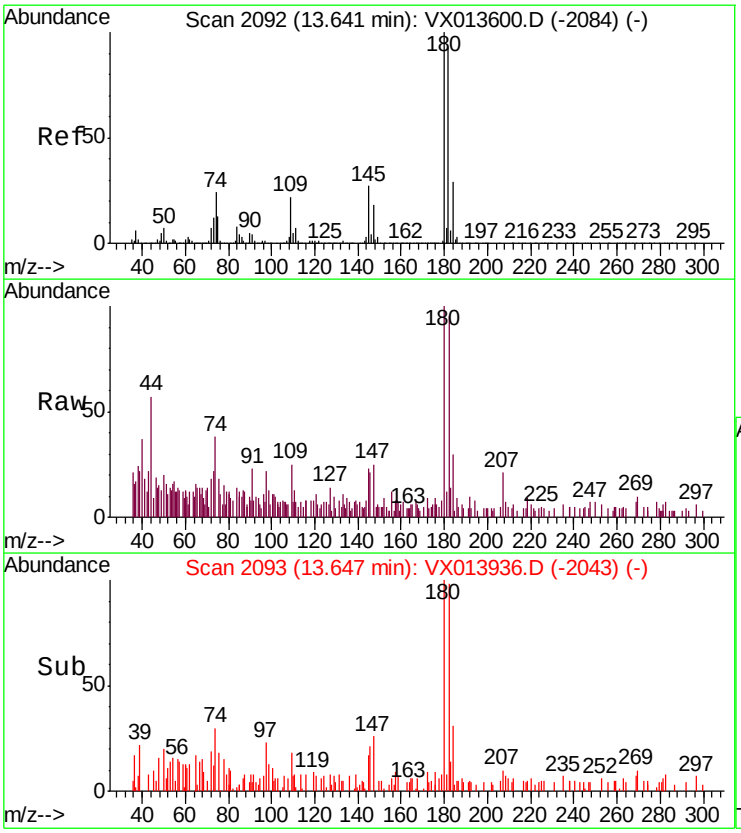
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.375 ug/l
RT: 12.97 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20191204

Tgt Ion: 75 Resp: 682

Ion	Ratio	Lower	Upper
75	100		
155	51.9	47.6	142.8
157	79.0	62.1	186.2

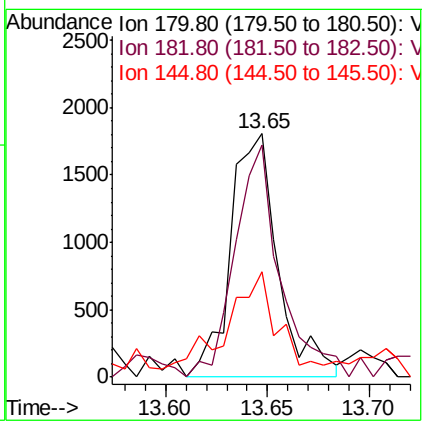


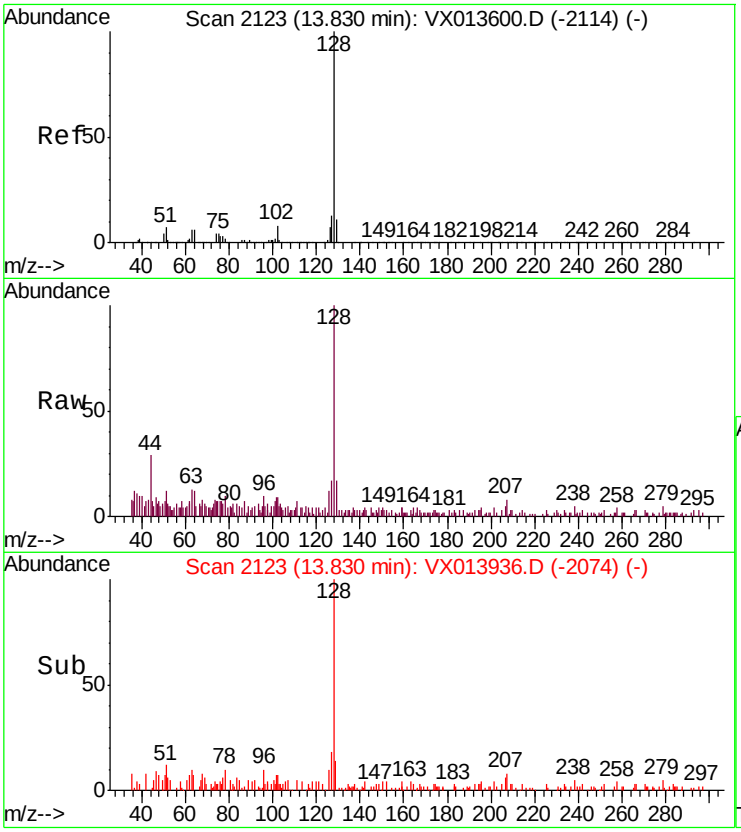


#93
1,2,4-Trichlorobenzene
Concen: 0.375 ug/l
RT: 13.65 min Scan# 2093
Delta R.T. 0.01 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:180 Resp: 2924

Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.2	141.6
145	40.7	13.8	41.4



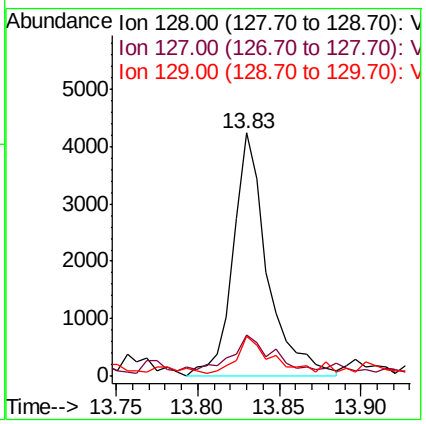


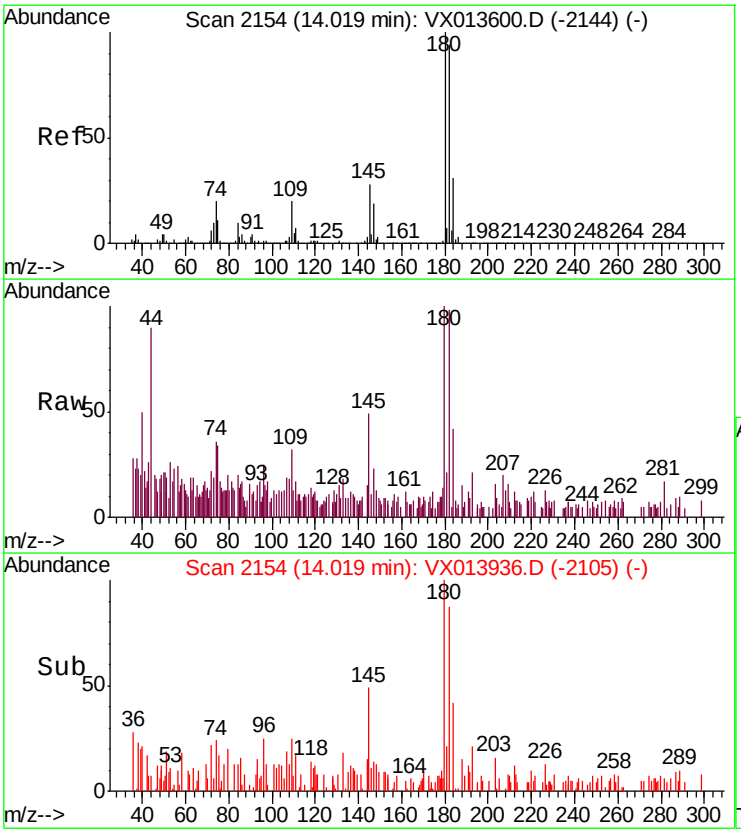
#95
Naphthalene
Concen: 0.267 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Instrument : MSVOA_X
ClientSampleId : DUP02-20191204

Tgt Ion:128 Resp: 6194

Ion	Ratio	Lower	Upper
128	100		
127	20.9	10.3	15.5#
129	14.7	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.265 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013936.D
Acq: 11 Dec 2019 12:01

Tgt Ion:180 Resp: 2046

Ion	Ratio	Lower	Upper
180	100		
182	112.6	47.6	142.8
145	36.7	15.0	45.0