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

Quantitation Report (Not Reviewed)

Data File : VX013945.D
Acq On : 11 Dec 2019 15:35
Operator : JC/SP
Sample : K6237-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY038PS027-191209

Quant Time: Dec 12 04:01:21 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	572064	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	880891	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	788071	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337833	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	320550	48.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.54%				
35) Dibromofluoromethane	5.48	113	264528	48.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.14%				
50) Toluene-d8	8.71	98	1036412	48.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.70%				
62) 4-Bromofluorobenzene	11.13	95	339583	44.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	3045	0.426	ug/l	#	82
5) Bromomethane	1.64	94	1730	0.320	ug/l	#	30
8) Diethyl Ether	2.23	74	940	0.233	ug/l		55
11) Tert butyl alcohol	3.01	59	7197	4.391	ug/l	#	91
13) Acrolein	2.31	56	279	6.252	ug/l	#	74
16) Acetone	2.43	43	25416	7.752	ug/l		95
25) 2-Butanone	4.67	43	23613	4.846	ug/l		99
27) cis-1,2-Dichloroethene	4.59	96	79240	11.634	ug/l		89
29) Tetrahydrofuran	5.12	42	20428	6.801	ug/l		99
36) 1,1-Dichloropropene	5.64	75	38904	4.865	ug/l	#	53
38) Carbon Tetrachloride	5.65	117	50363	6.830	ug/l	#	16
41) Methacrylonitrile	4.96	41	1605	0.326	ug/l	#	55
44) Trichloroethene	7.20	130	18547	2.775	ug/l		97
49) 1,4-Dioxane	7.73	88	400	2.490	ug/l	#	1
52) Toluene	8.78	92	10404	0.688	ug/l		96
64) Tetrachloroethene	9.33	164	10116	1.721	ug/l	#	83
65) Chlorobenzene	10.14	112	21137	1.292	ug/l		98
68) m/p-Xylenes	10.35	106	4034	0.375	ug/l		93
69) o-Xylene	10.69	106	2142	0.204	ug/l		79
76) 1,2,3-Trichloropropane	11.13	75	168228	22.140	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	168228	60.570	ug/l	#	11

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

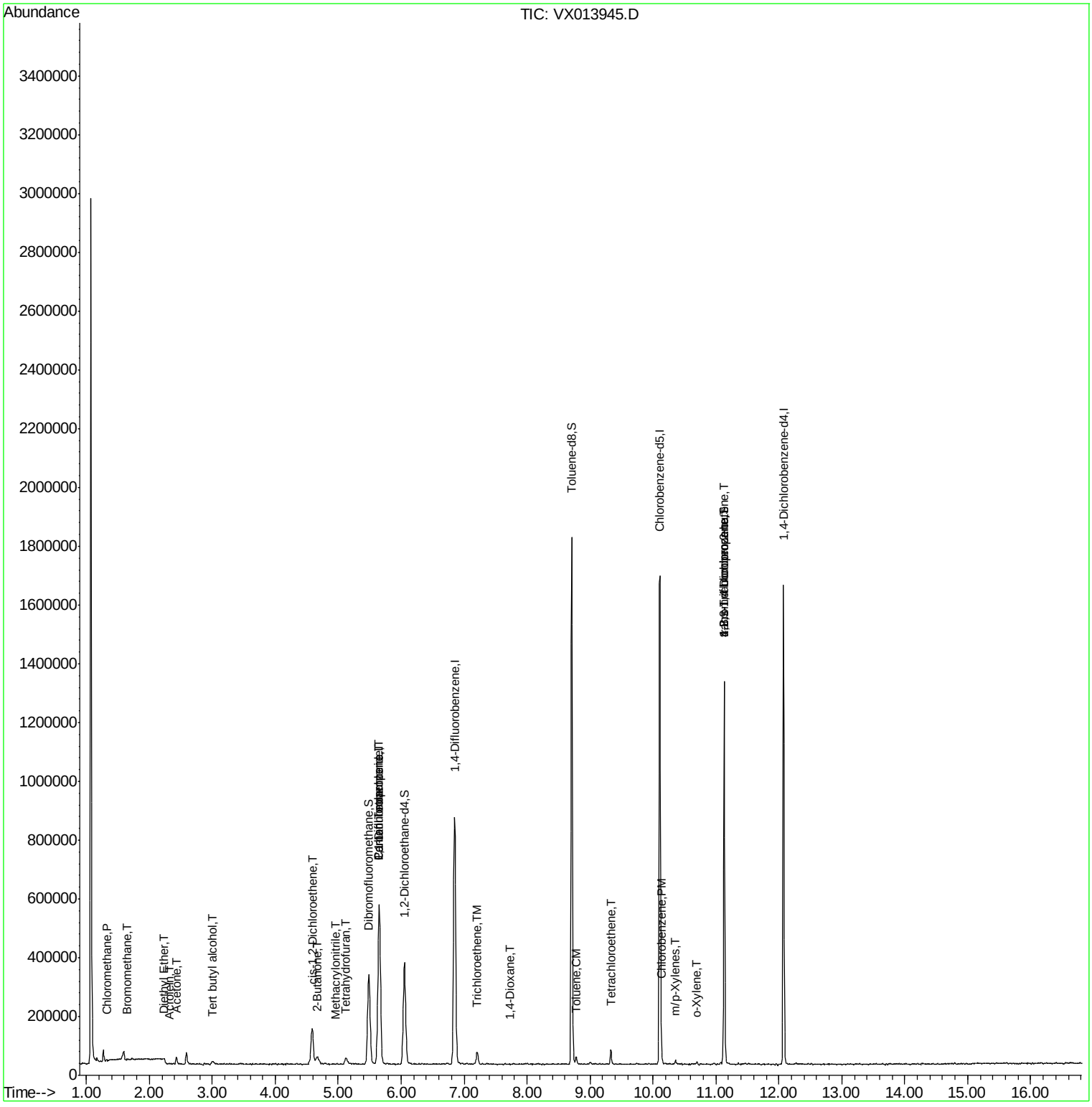
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

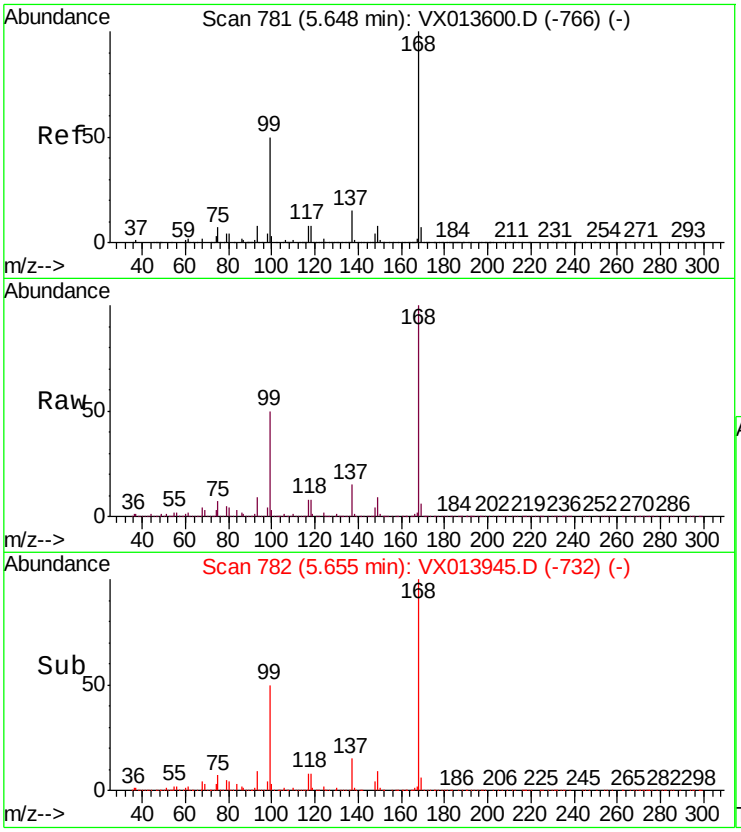
Quantitation Report (Not Reviewed)

Data File : VX013945.D
Acq On : 11 Dec 2019 15:35
Operator : JC/SP
Sample : K6237-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Quant Time: Dec 12 04:01:21 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



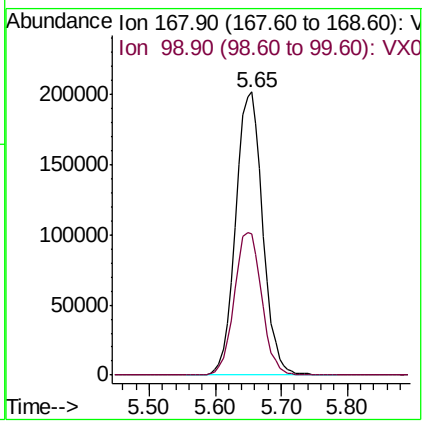


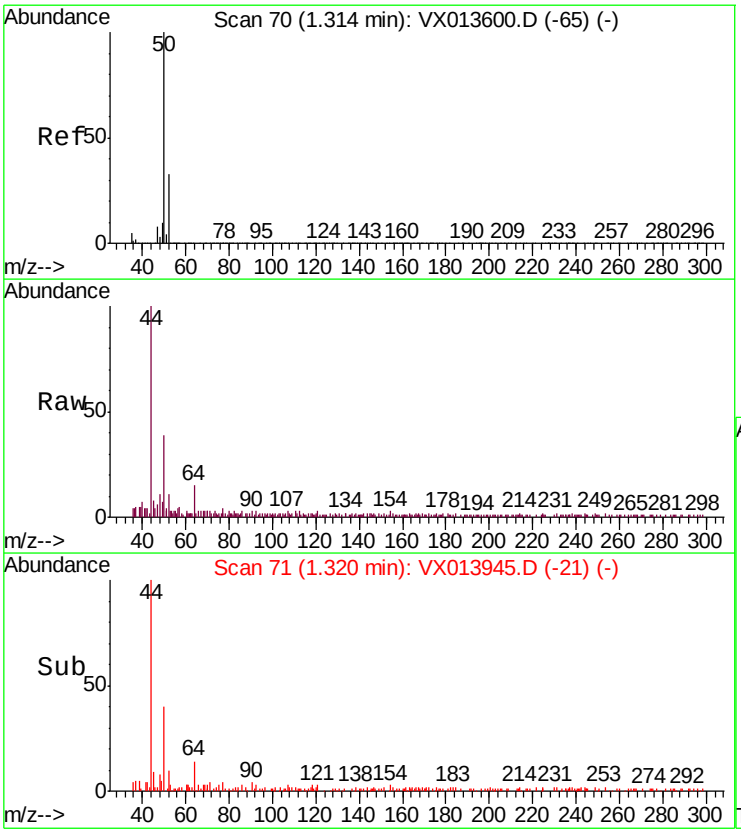
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:168 Resp: 572064

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.8	59.8

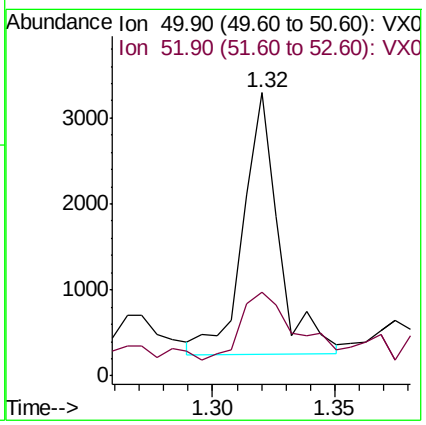


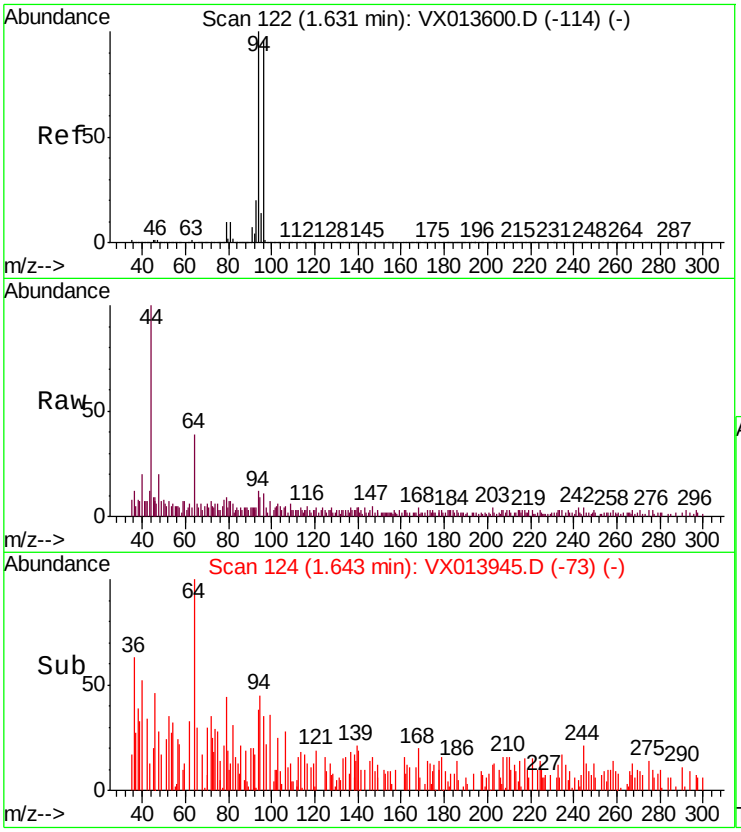


#3
Chloromethane
Concen: 0.426 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 50 Resp: 3045

Ion	Ratio	Lower	Upper
50	100		
52	22.6	26.0	39.0#



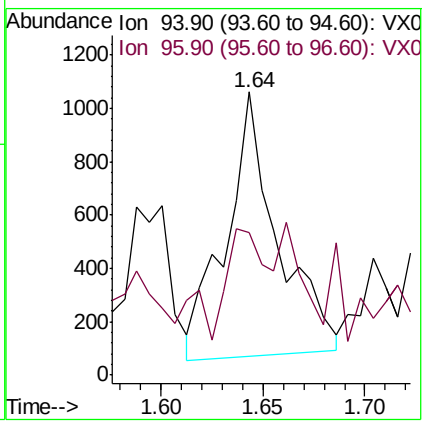


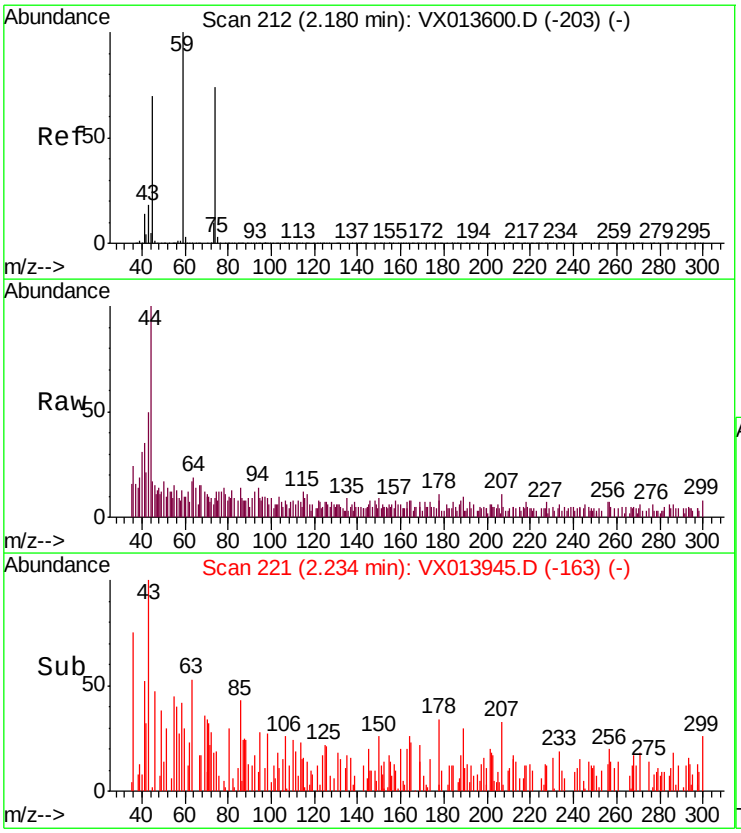
#5
Bromomethane
Concen: 0.320 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 94 Resp: 1730

Ion	Ratio	Lower	Upper
94	100		
96	28.0	77.0	115.4#

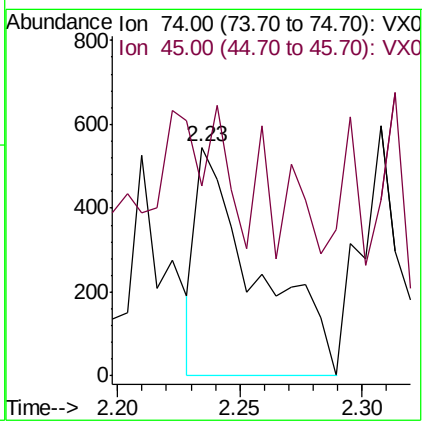


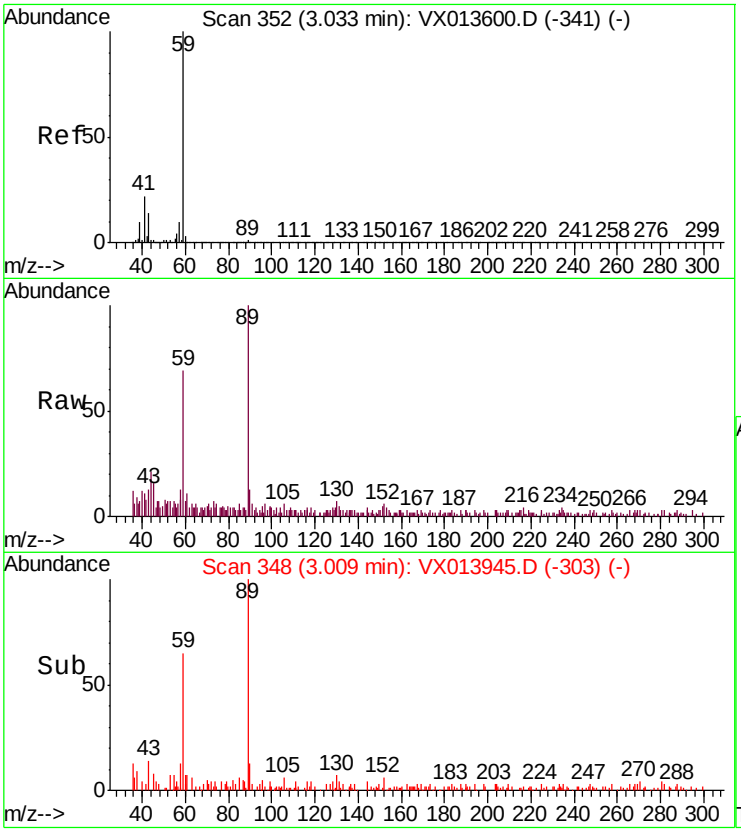


#8
Diethyl Ether
Concen: 0.233 ug/l
RT: 2.23 min Scan# 221
Delta R.T. 0.05 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 74 Resp: 940

Ion	Ratio	Lower	Upper
74	100		
45	53.5	48.9	146.8



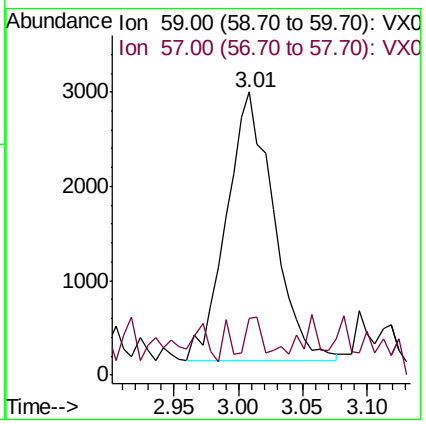


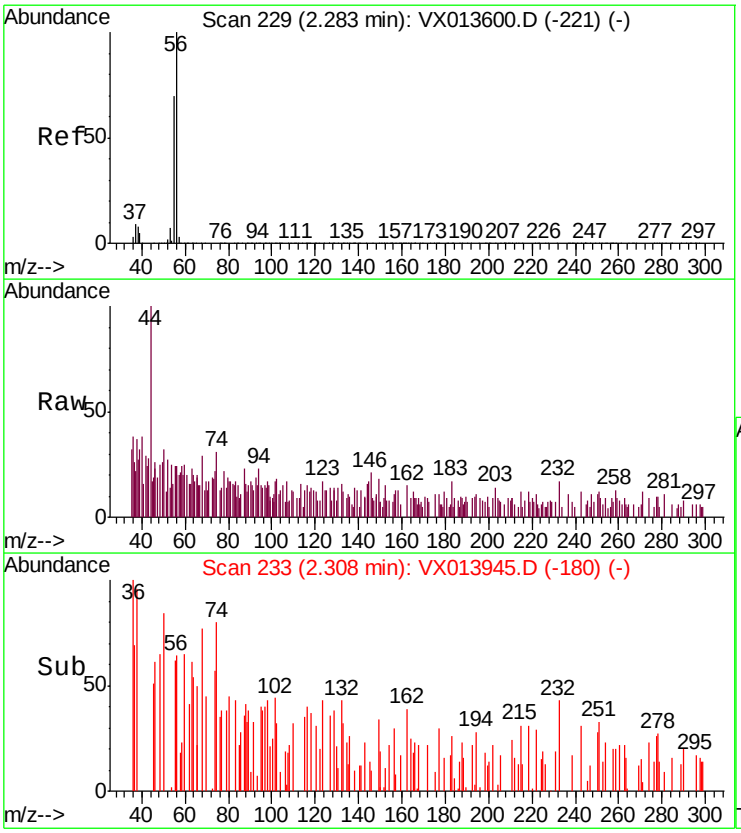
#11
Tert butyl alcohol
Concen: 4.391 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 59 Resp: 7197

Ion	Ratio	Lower	Upper
59	100		
57	6.5	7.8	11.6#

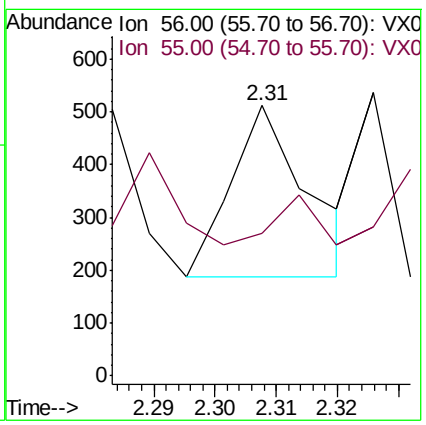


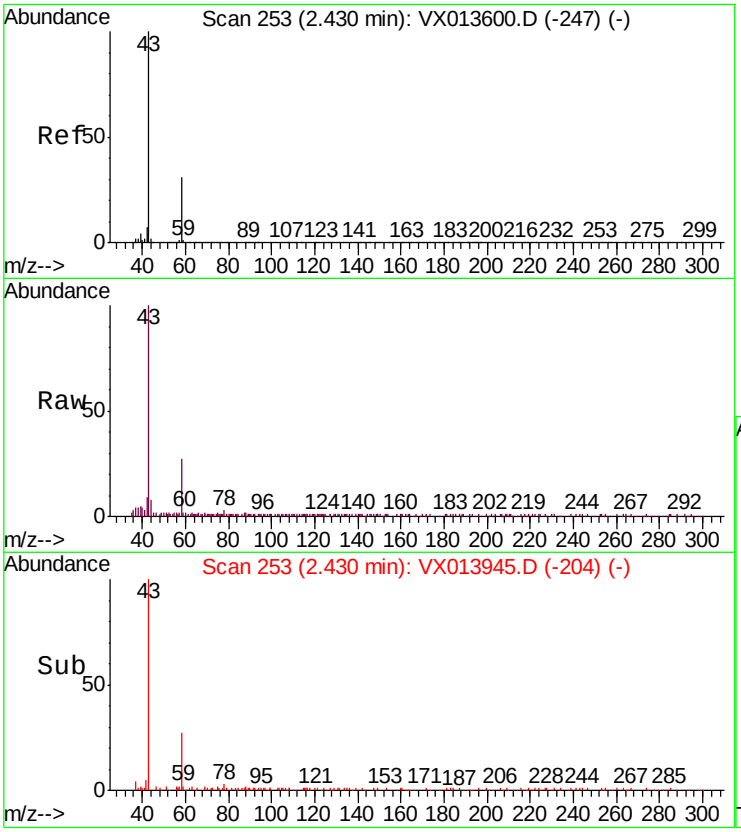


#13
Acrolein
Concen: 6.252 ug/l
RT: 2.31 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 56 Resp: 279

Ion	Ratio	Lower	Upper
56	100		
55	91.4	56.2	84.4#



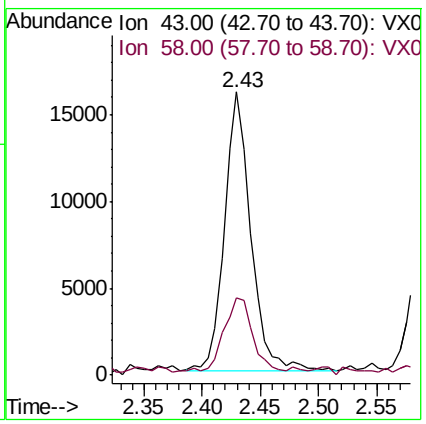


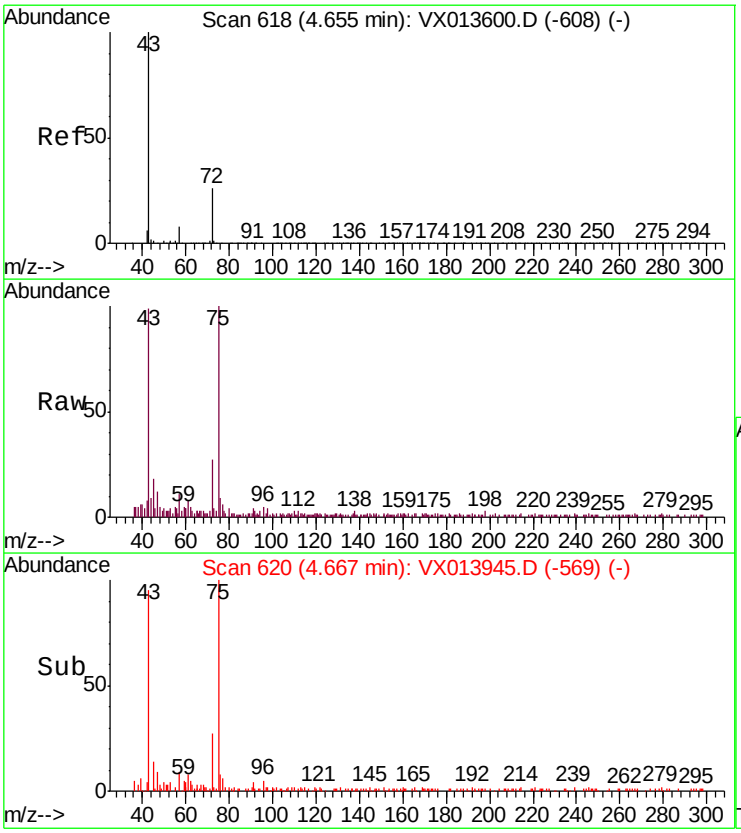
#16
Acetone
Concen: 7.752 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 43 Resp: 25416

Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.6	36.8

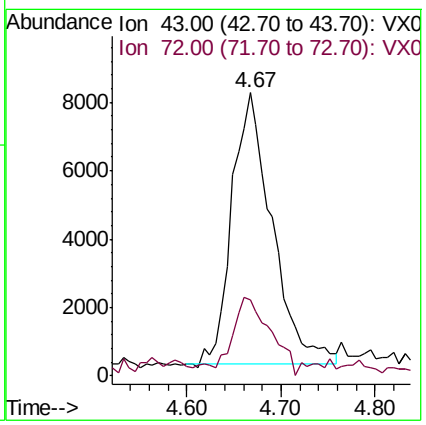


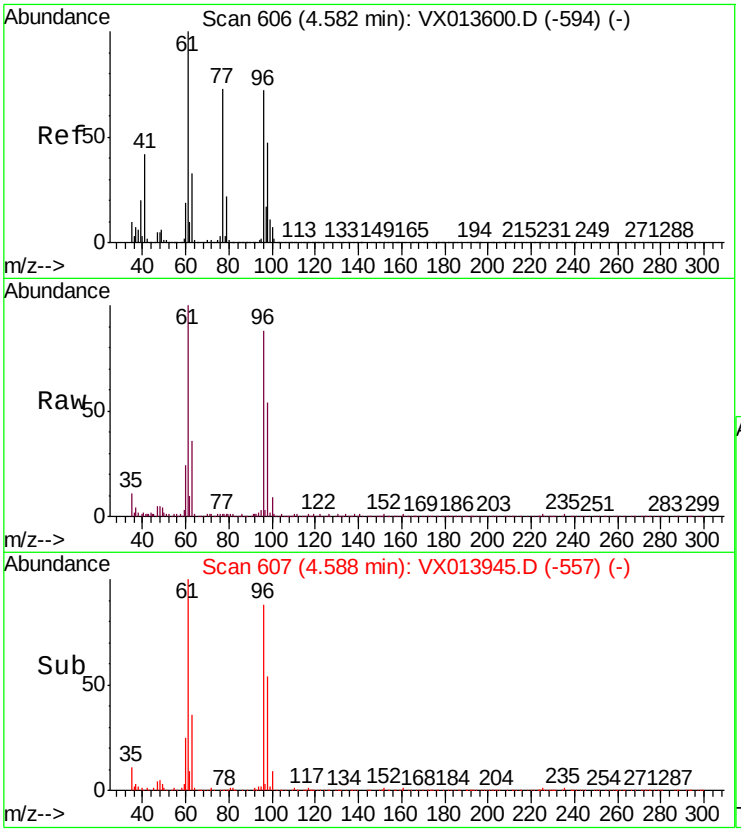


#25
2-Butanone
Concen: 4.846 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 43 Resp: 23613

Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.6	31.0



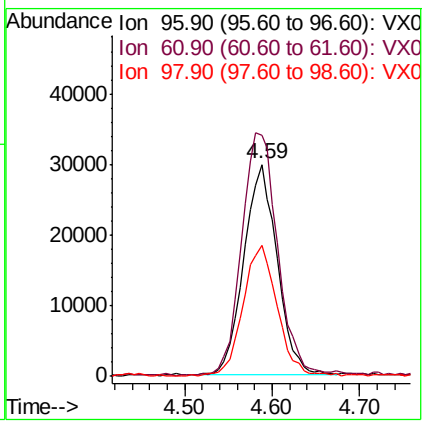


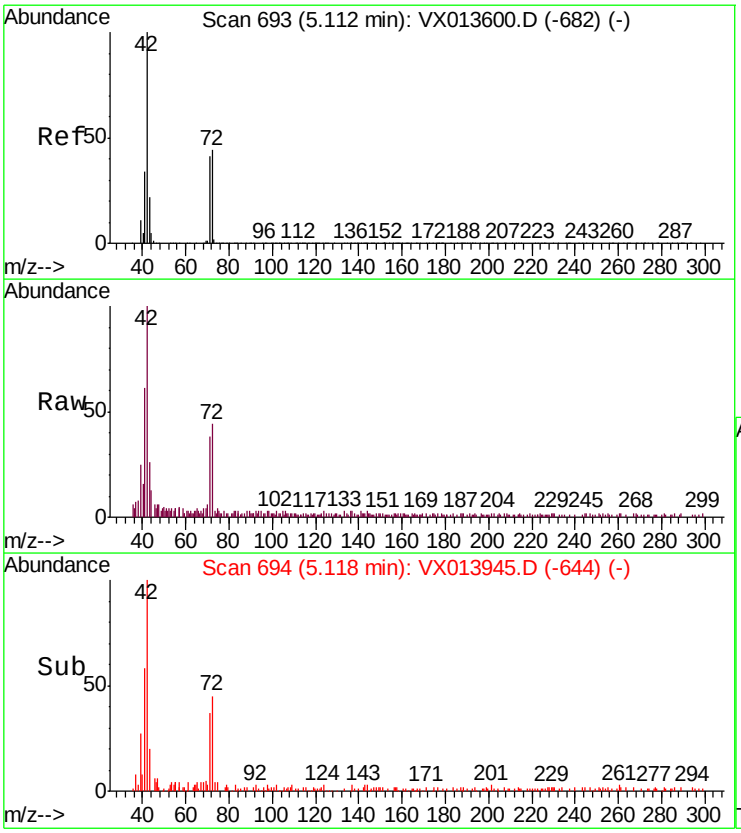
#27
cis-1,2-Dichloroethene
Concen: 11.634 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 96 Resp: 79240

Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	286.4
98	64.3	0.0	127.4

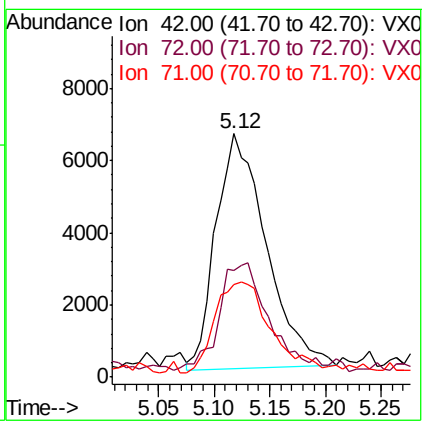


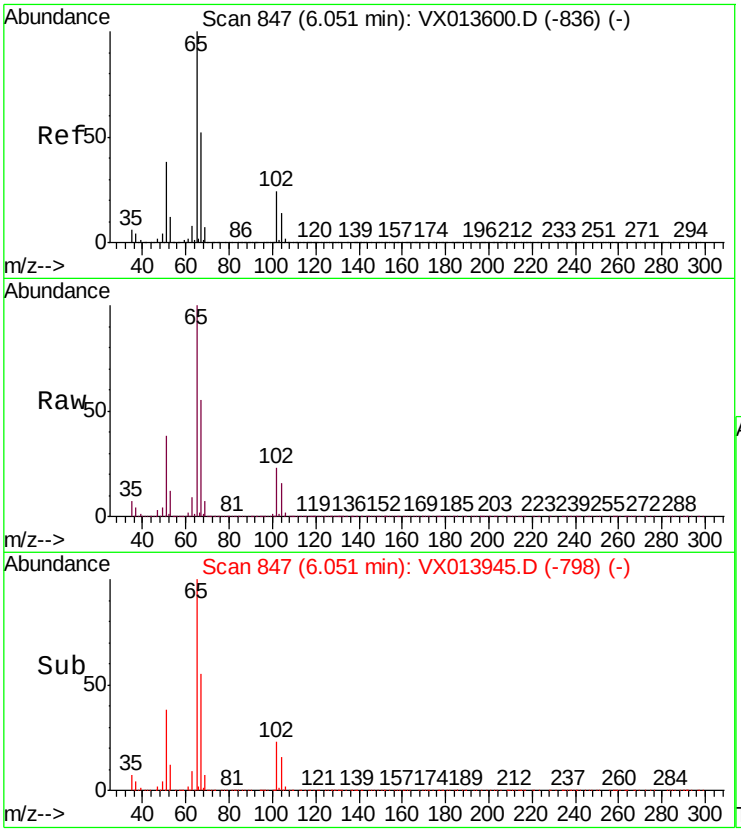


#29
Tetrahydrofuran
Concen: 6.801 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 42 Resp: 20428

Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.3	54.5
71	42.5	33.2	49.8



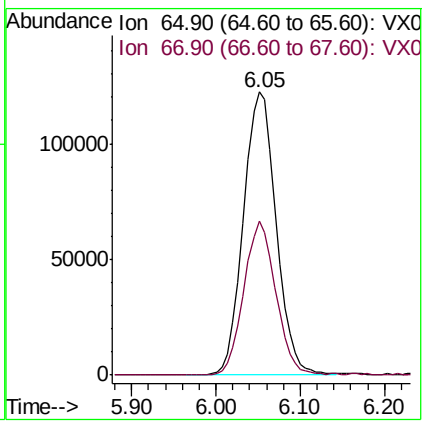


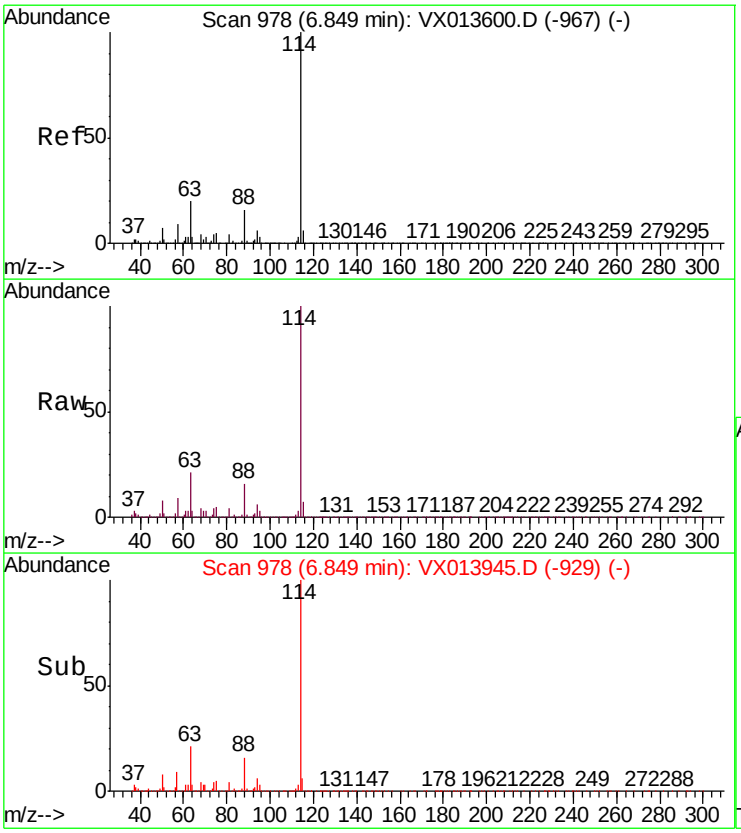
#33
1,2-Dichloroethane-d4
Concen: 48.273 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 65 Resp: 320550

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.4

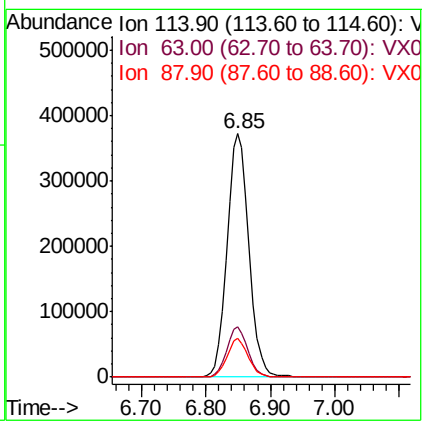


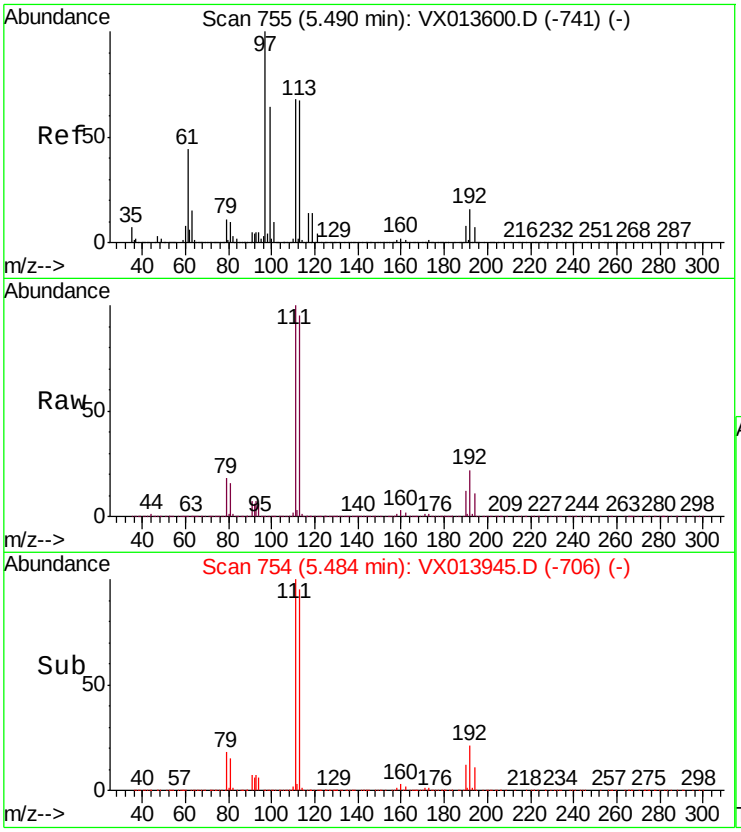


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion:114 Resp: 880891

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	15.7	0.0	31.4



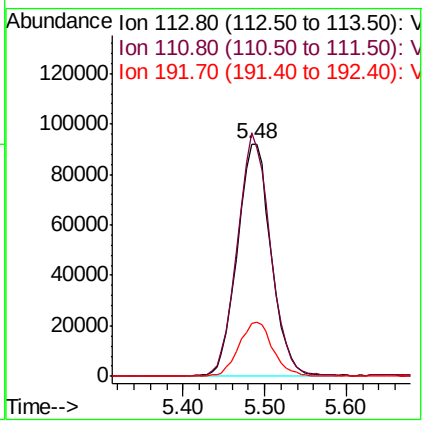


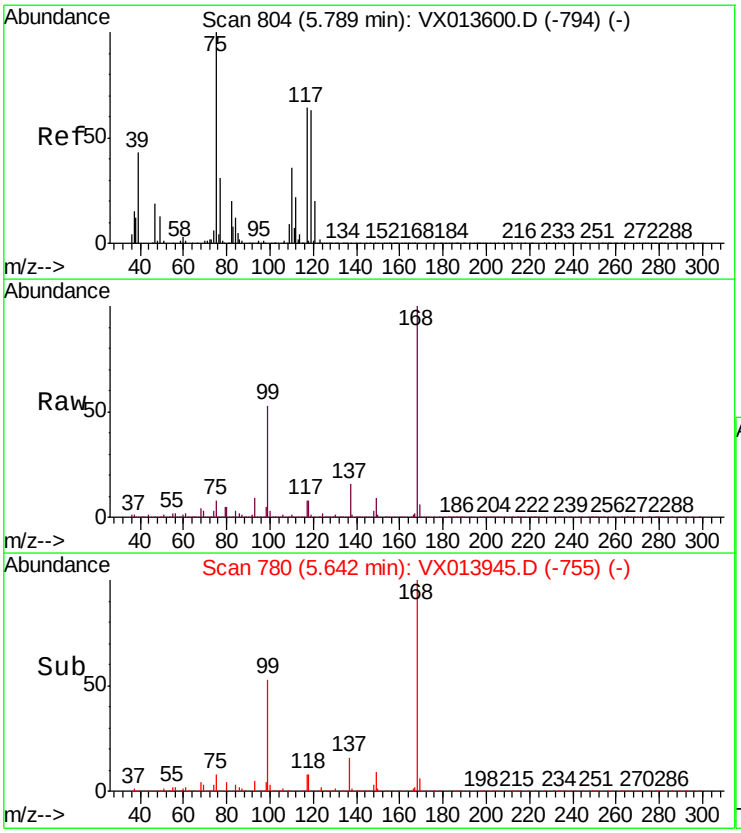
#35
Dibromofluoromethane
Concen: 48.575 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:113 Resp: 264528

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	23.6	19.2	28.8

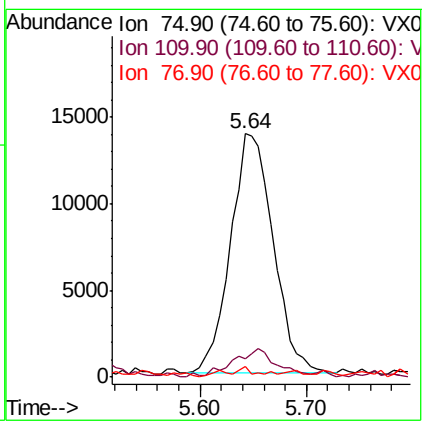


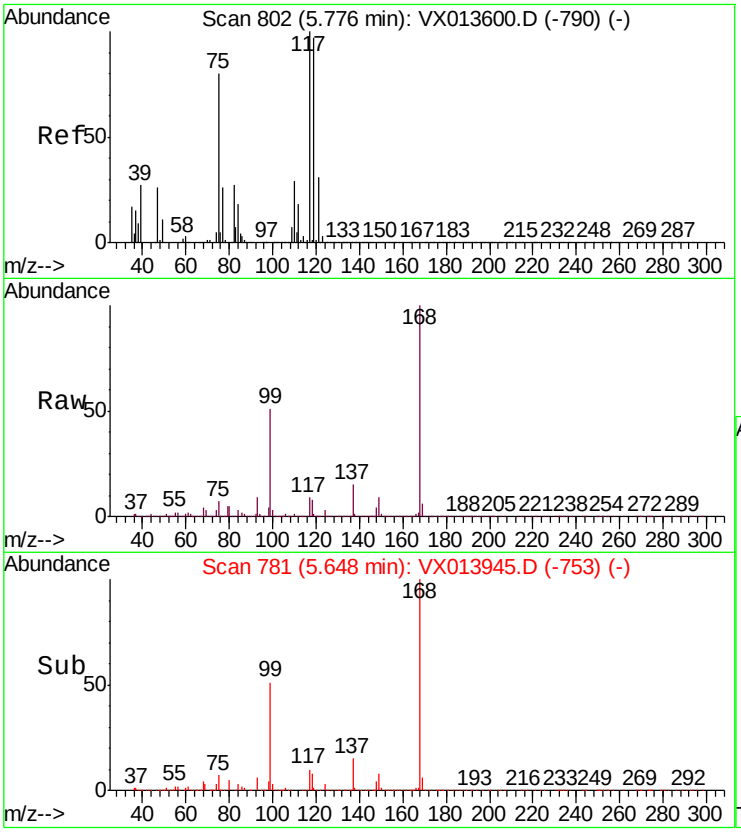


#36
1,1-Dichloropropene
Concen: 4.865 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 75 Resp: 38904

Ion	Ratio	Lower	Upper
75	100		
110	12.1	18.1	54.1#
77	1.1	24.5	36.7#



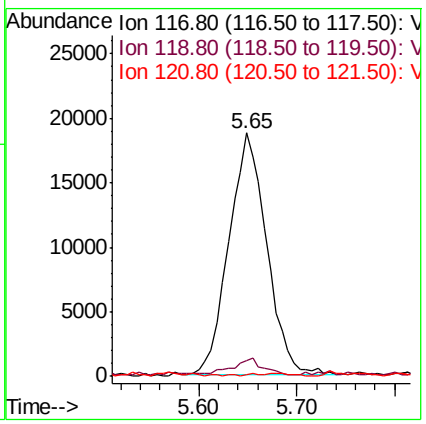


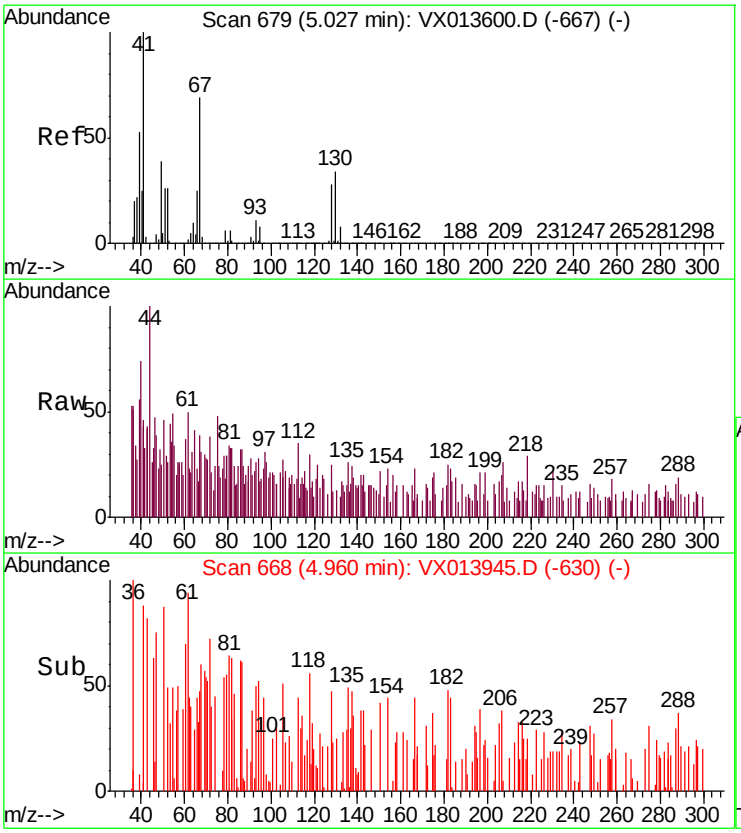
#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:117 Resp: 50363

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.5	116.3#
121	0.1	25.0	37.6#

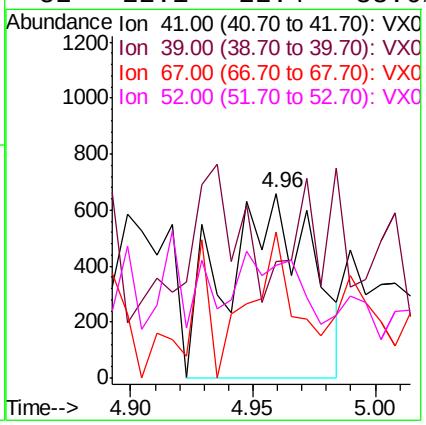


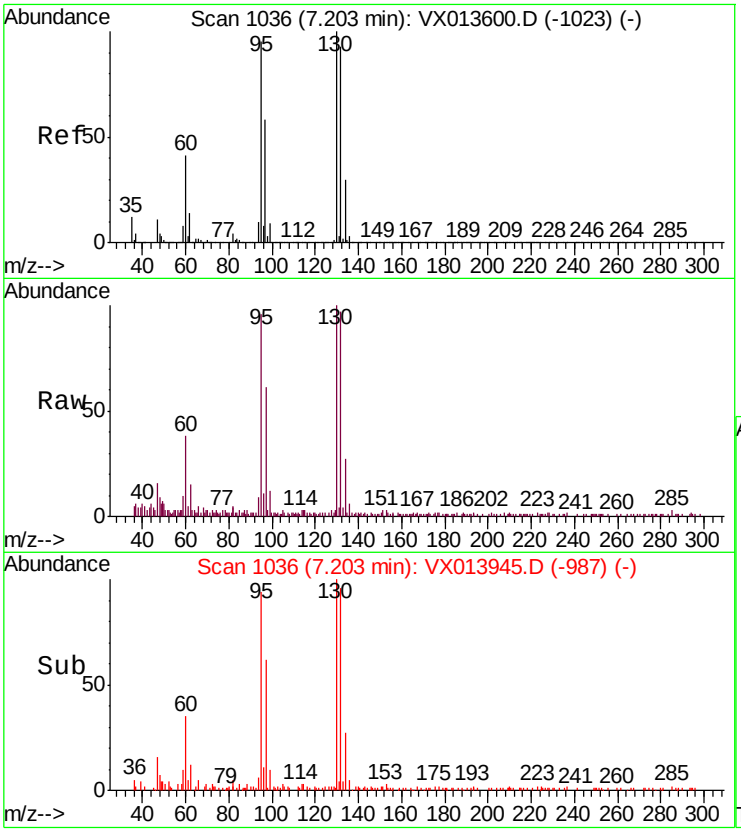


#41
Methacrylonitrile
Concen: 0.326 ug/l
RT: 4.96 min Scan# 668
Delta R.T. -0.07 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 41 Resp: 1605

Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.9	64.3#
67	42.8	57.4	86.0#
52	22.1	22.4	33.6#



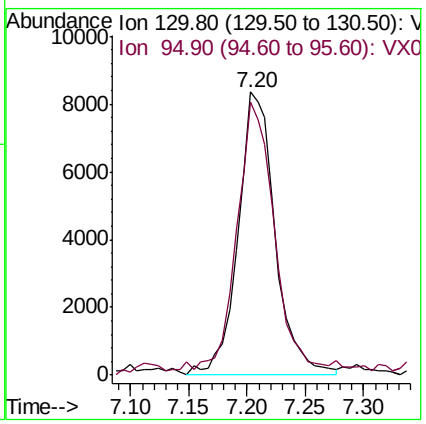


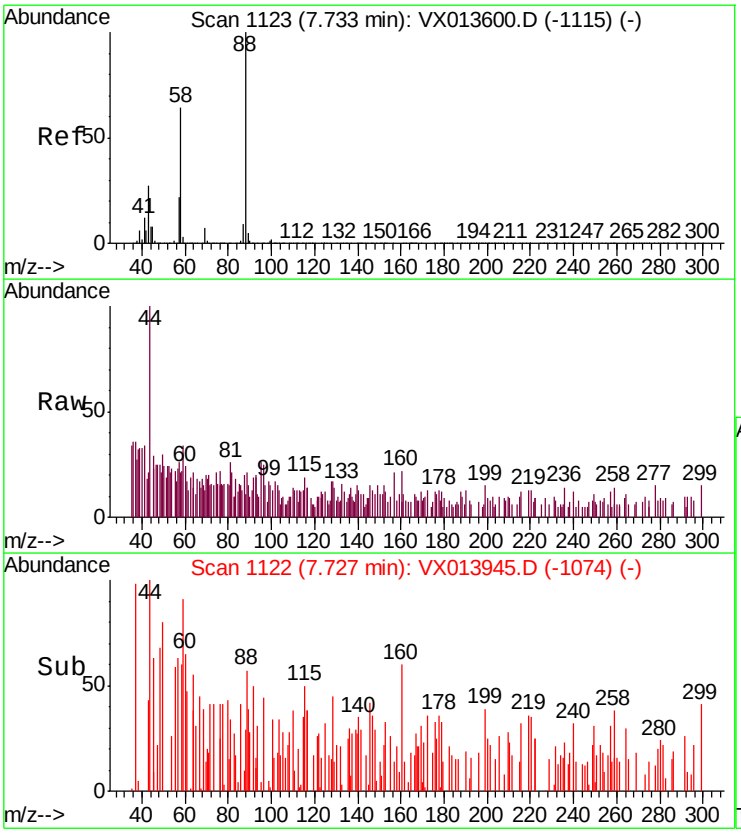
#44
Trichloroethene
Concen: 2.775 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:130 Resp: 18547

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	190.8

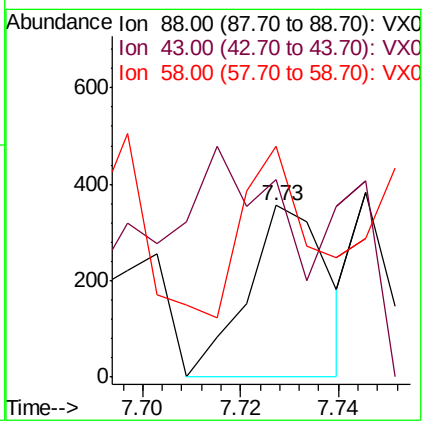


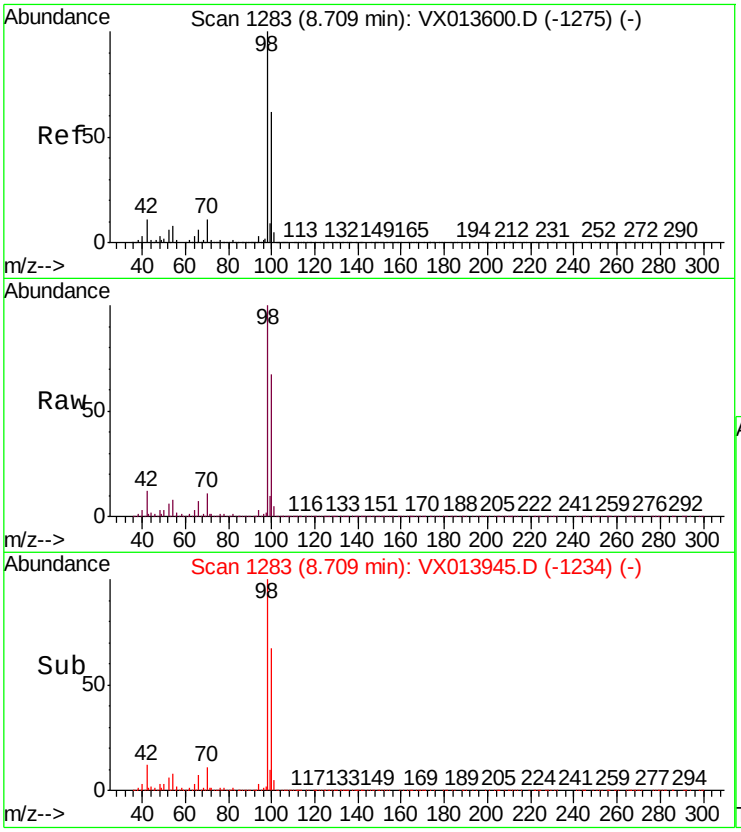


#49
1,4-Dioxane
Concen: 2.490 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 88 Resp: 400

Ion	Ratio	Lower	Upper
88	100		
43	231.3	25.8	38.6#
58	93.0	54.6	82.0#



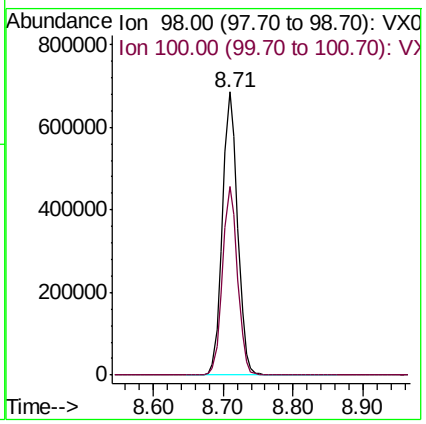


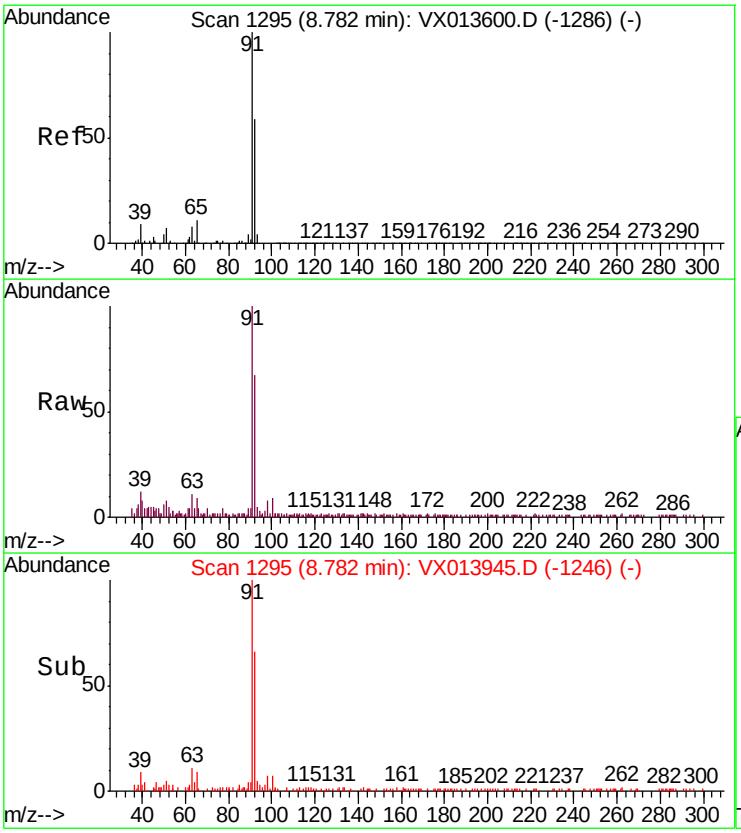
#50
Toluene-d8
Concen: 48.847 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 98 Resp: 1036412

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7

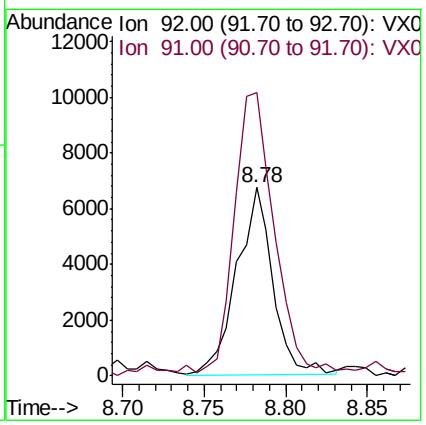


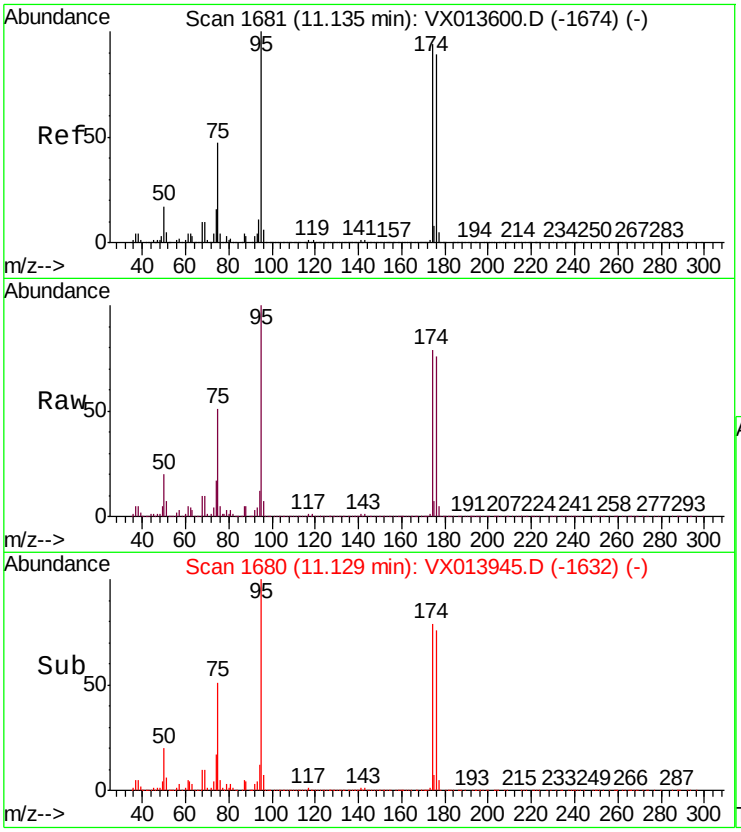


#52
Toluene
Concen: 0.688 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 92 Resp: 10404

Ion	Ratio	Lower	Upper
92	100		
91	164.5	136.2	204.2



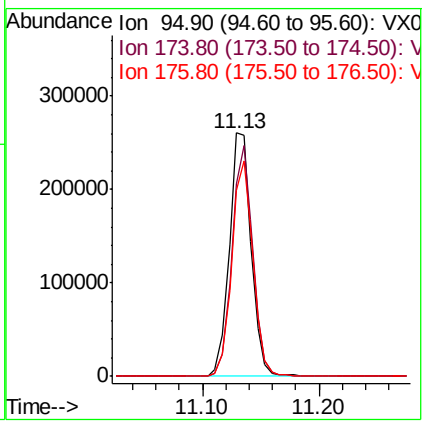


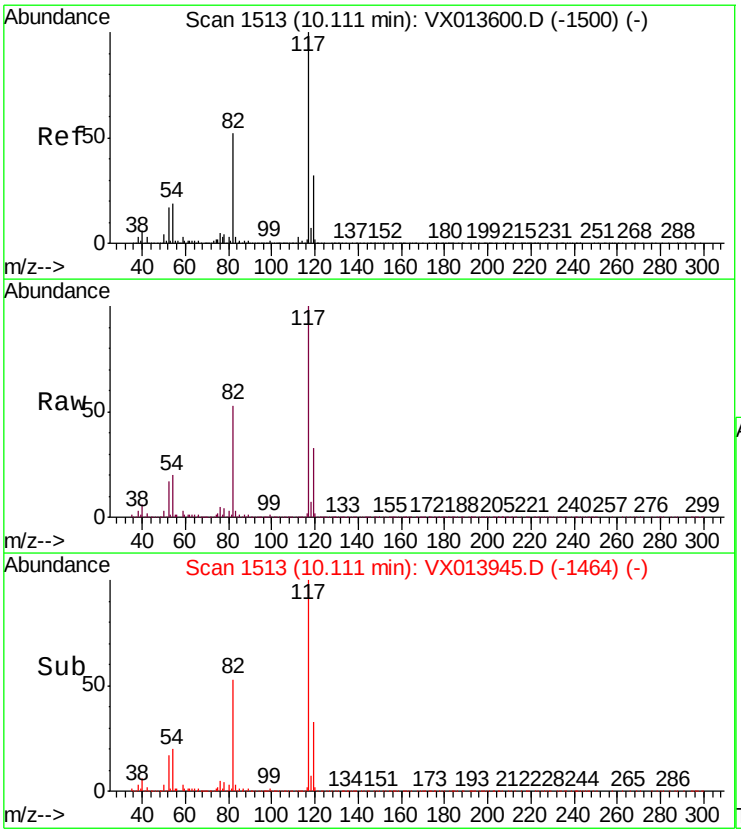
#62
4-Bromofluorobenzene
Concen: 44.384 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 95 Resp: 339583

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.0
176	86.1	0.0	173.6

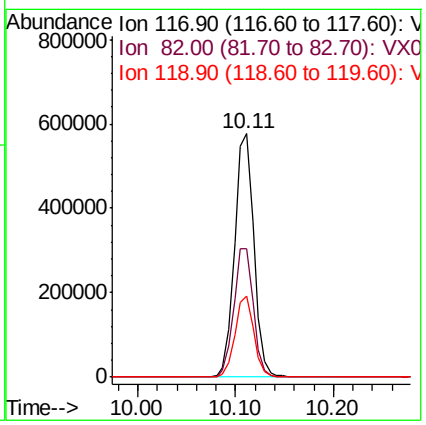


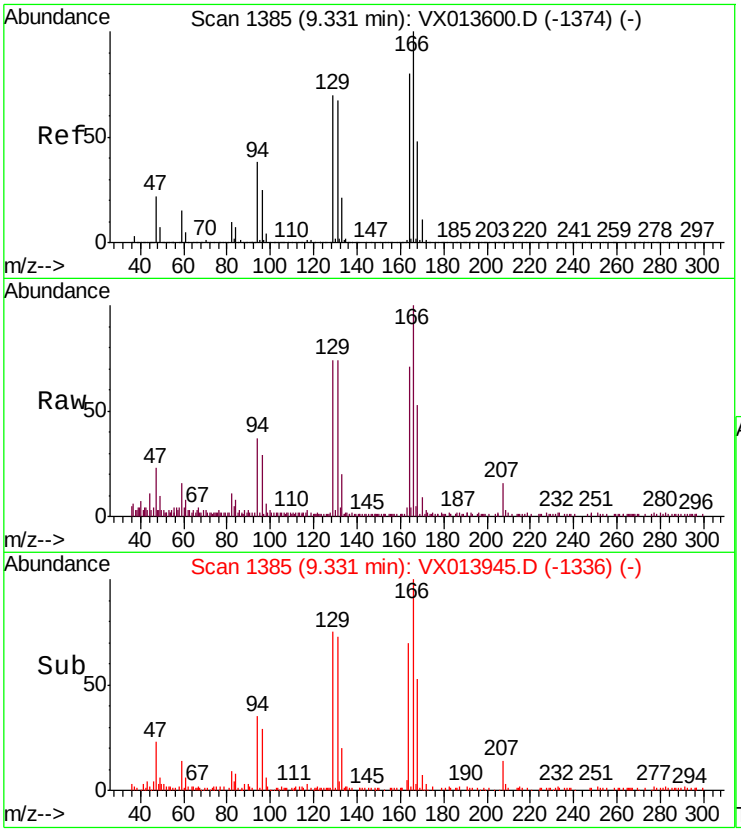


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion:117 Resp: 788071

Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	33.2	25.8	38.8



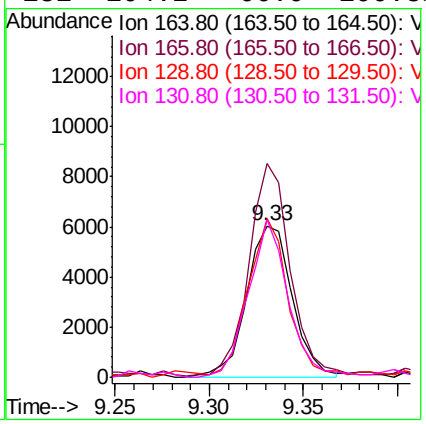


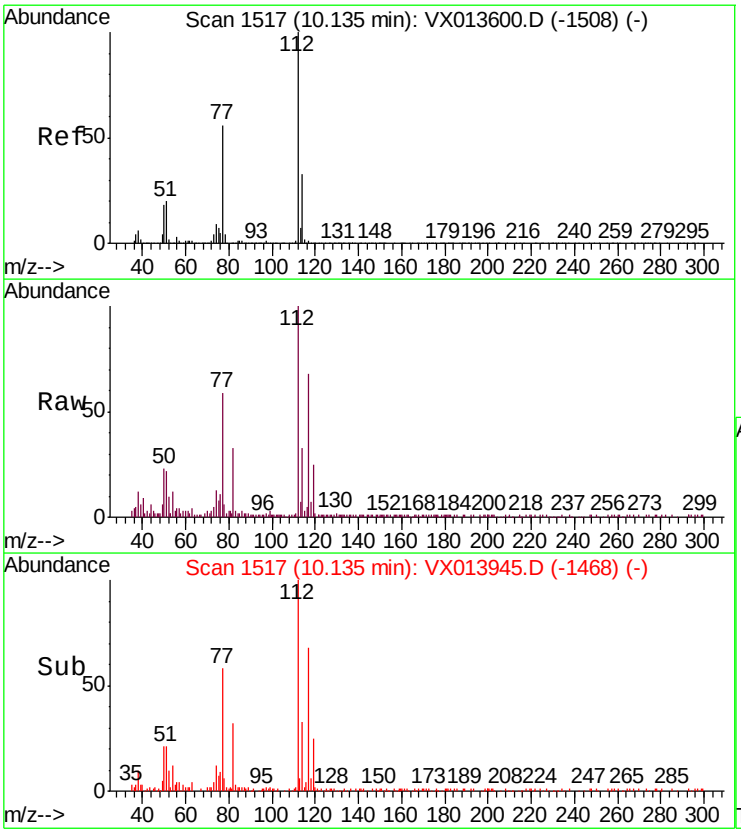
#64
Tetrachloroethene
Concen: 1.721 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:164 Resp: 10116

Ion	Ratio	Lower	Upper
164	100		
166	140.2	99.7	149.5
129	101.4	70.1	105.1
131	104.2	66.9	100.3#

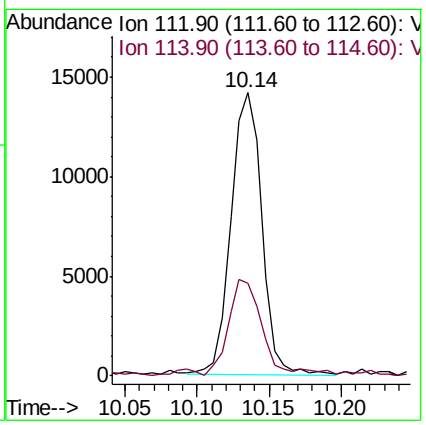


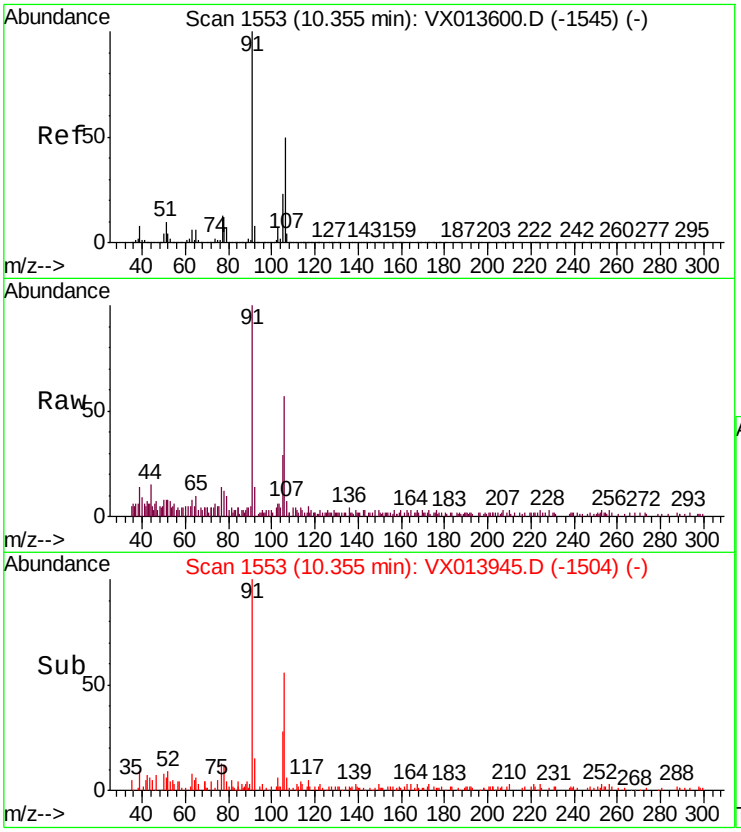


#65
Chlorobenzene
Concen: 1.292 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion:112 Resp: 21137

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1



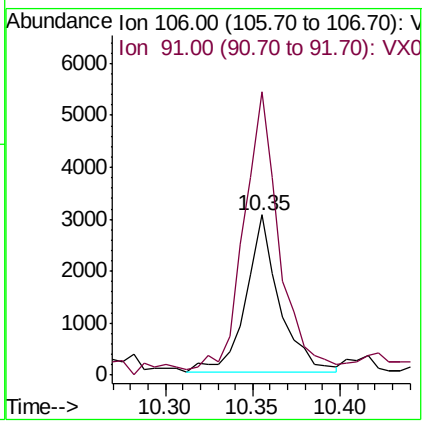


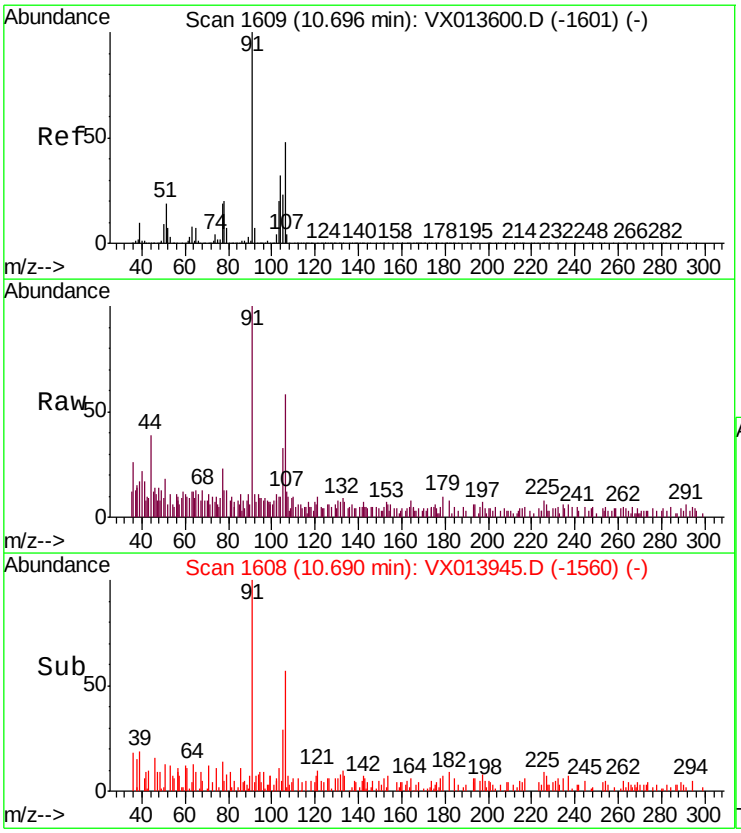
#68
m/p-Xylenes
Concen: 0.375 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:106 Resp: 4034

Ion	Ratio	Lower	Upper
106	100		
91	187.7	159.0	238.4

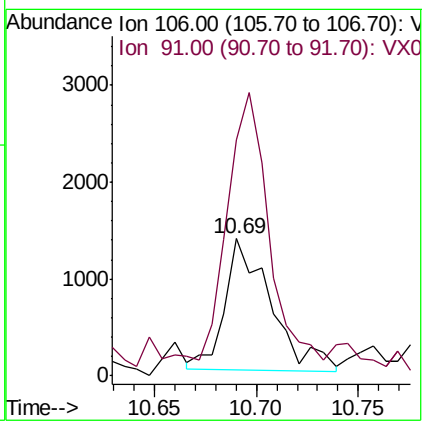


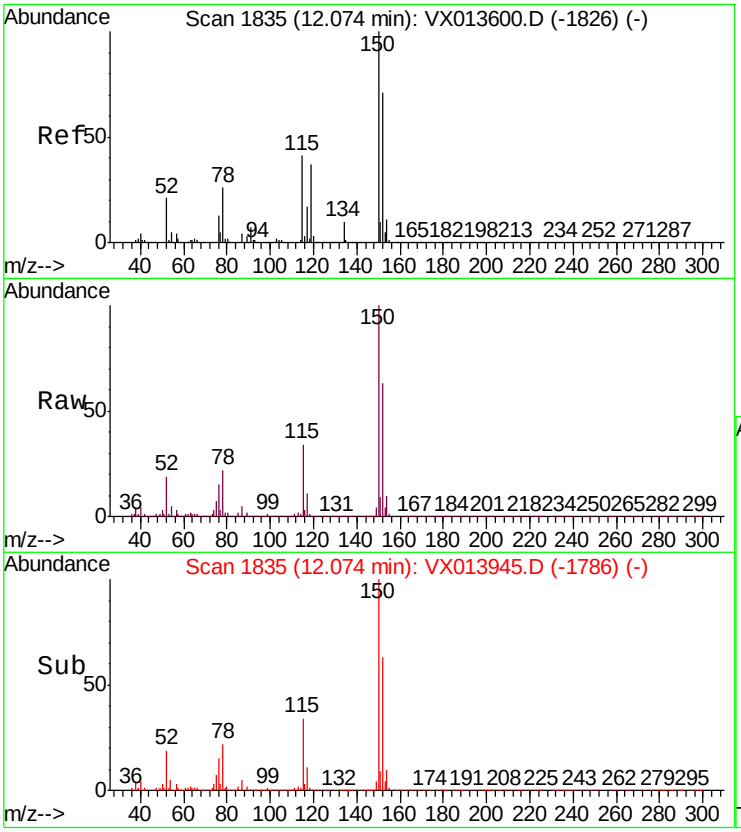


#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion:106 Resp: 2142

Ion	Ratio	Lower	Upper
106	100		
91	175.2	104.1	312.2



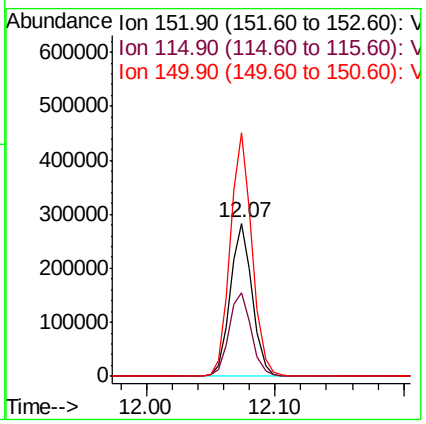


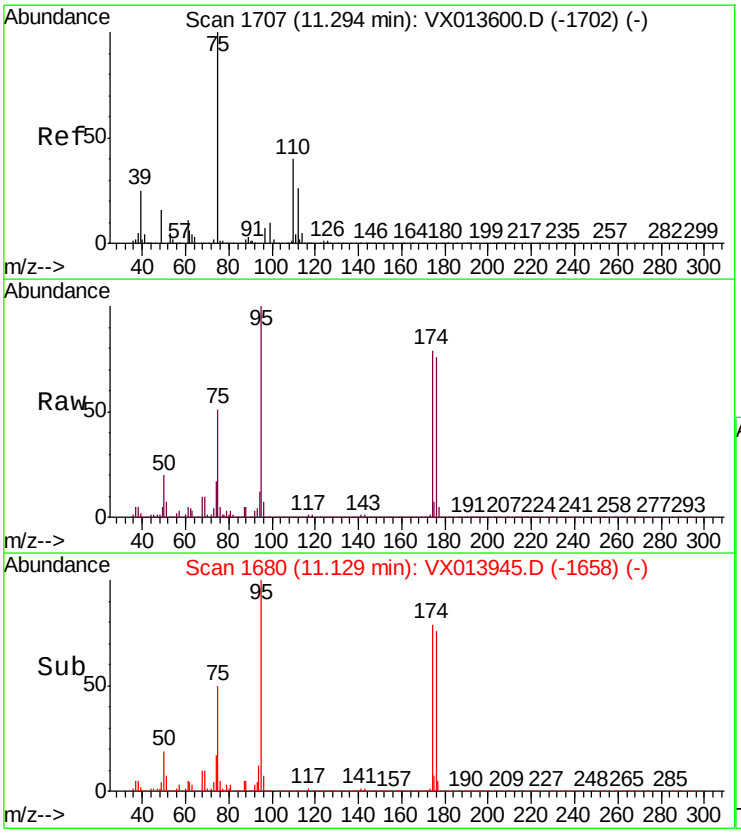
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion:152 Resp: 337833

Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.4	115.1
150	157.5	0.0	346.8

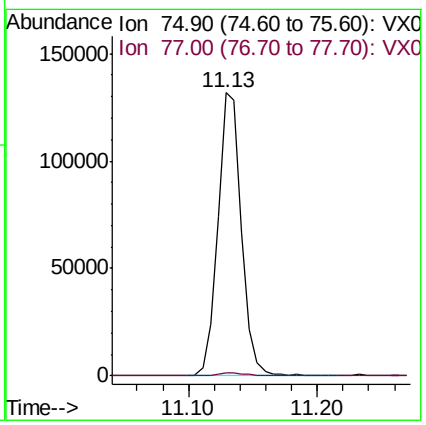


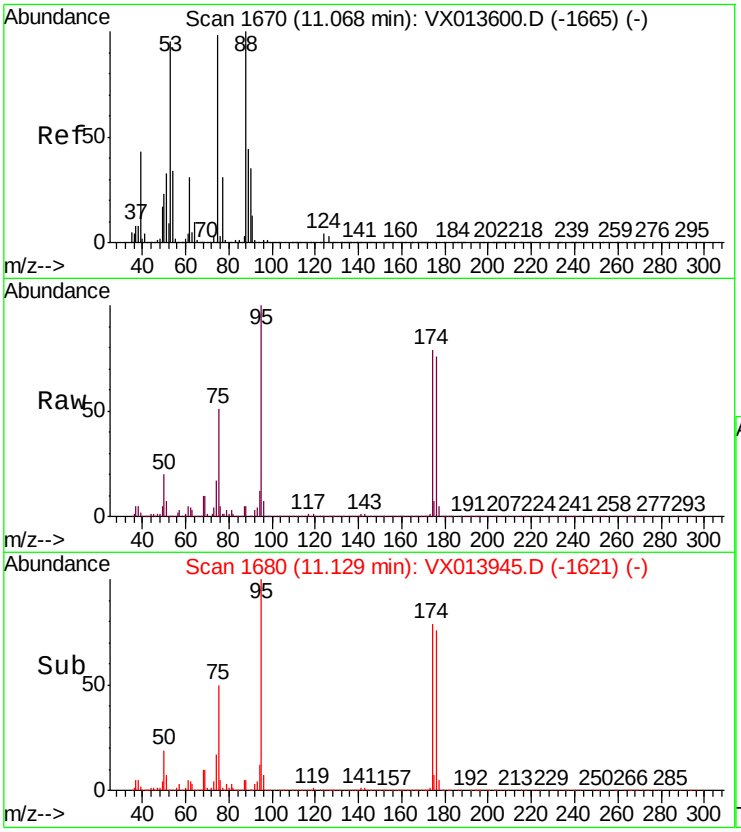


#76
1,2,3-Trichloropropane
Concen: 22.140 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Tgt Ion: 75 Resp: 168228

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.570 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013945.D
Acq: 11 Dec 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-191209

Tgt Ion: 75 Resp: 168228

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