Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
Data File : VX014601.D
Acq On : 14 Jan 2020 12:32
Operator : JC/SP
Sample : L1116-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY038PS027-200113

Quant Time: Jan 14 23:32:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	479782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	735818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	654873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	266592	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
35) Dibromofluoromethane	5.49	113	223631	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.42%			
50) Toluene-d8	8.71	98	869597	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.62%			
62) 4-Bromofluorobenzene	11.13	95	289417	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	583	0.350	ug/l #	66
3) Chloromethane	1.32	50	3137	0.513	ug/l #	86
4) Vinyl Chloride	1.41	62	3069	0.450	ug/l #	87
5) Bromomethane	1.64	94	1302	0.288	ug/l	92
6) Chloroethane	1.73	64	349	Below Cal #		64
10) Methyl Iodide	2.52	142	2214	0.393	ug/l #	86
11) Tert butyl alcohol	3.03	59	1425	1.274	ug/l #	2
12) 1,1-Dichloroethene	2.37	96	1018	0.215	ug/l #	1
13) Acrolein	2.29	56	242	0.270	ug/l #	1
16) Acetone	2.44	43	7199	Below Cal		91
27) cis-1,2-Dichloroethene	4.59	96	206398	35.690	ug/l	90
36) 1,1-Dichloropropene	5.65	75	32160	4.648	ug/l #	50
38) Carbon Tetrachloride	5.66	117	41776	6.561	ug/l #	17
44) Trichloroethene	7.21	130	12417	2.104	ug/l	83
49) 1,4-Dioxane	7.74	88	212	1.720	ug/l #	1
64) Tetrachloroethene	9.33	164	8837	1.346	ug/l	93
65) Chlorobenzene	10.14	112	17273	1.215	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	141907	23.458	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	141907	62.020	ug/l #	12
88) 1,4-Dichlorobenzene	12.02	146	1250	Below Cal		95
93) 1,2,4-Trichlorobenzene	13.65	180	787	Below Cal		74
96) 1,2,3-Trichlorobenzene	14.08	180	235	Below Cal		75

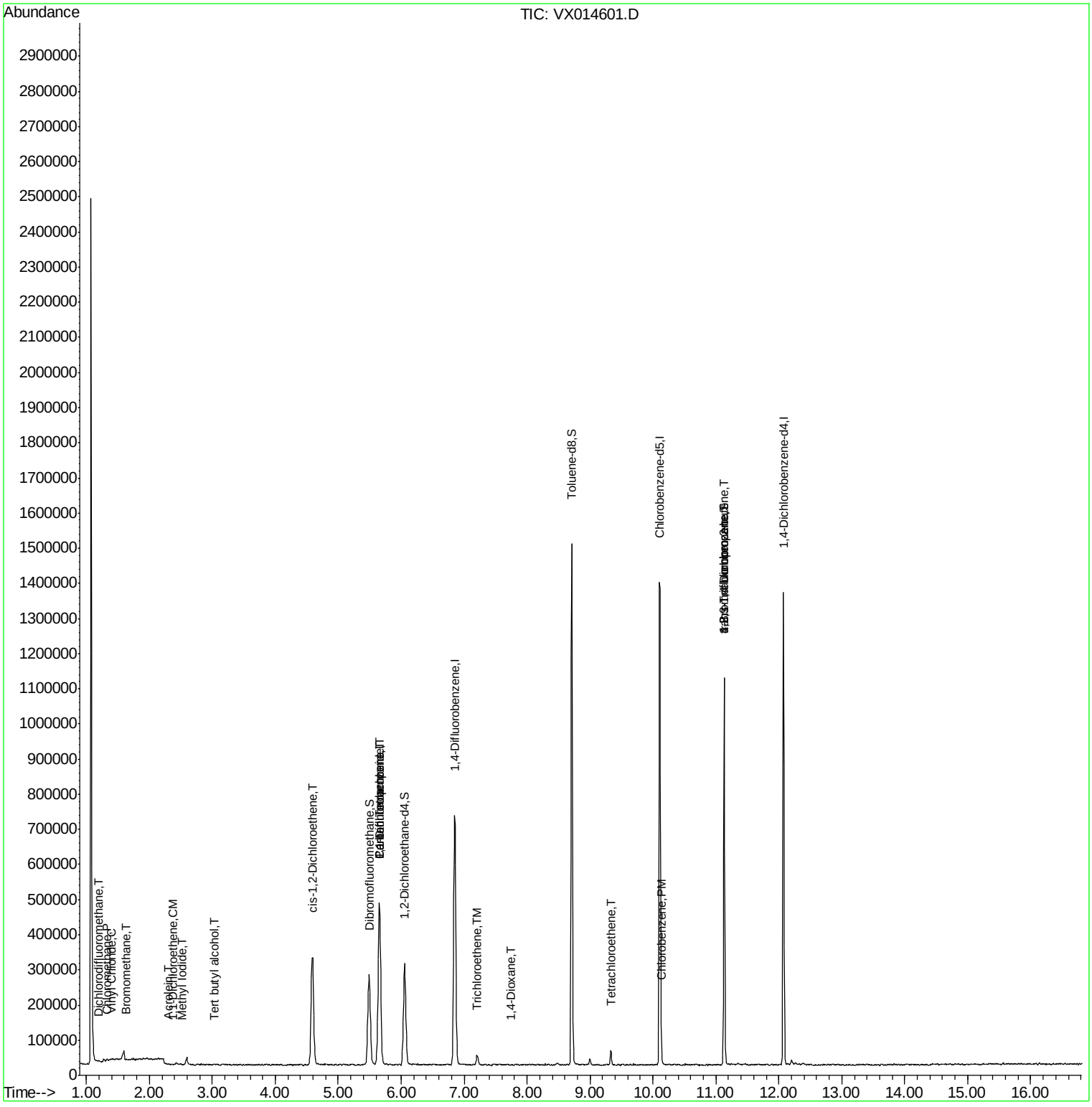
(#) = qualifier out of range (m) = manual integration (+) = signals summed

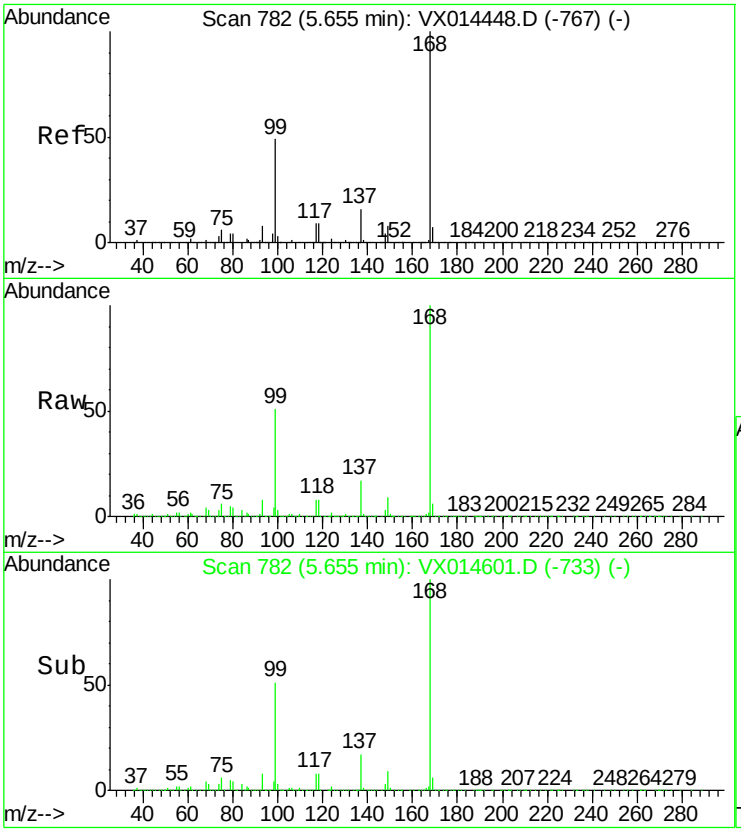
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
Data File : VX014601.D
Acq On : 14 Jan 2020 12:32
Operator : JC/SP
Sample : L1116-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Quant Time: Jan 14 23:32:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



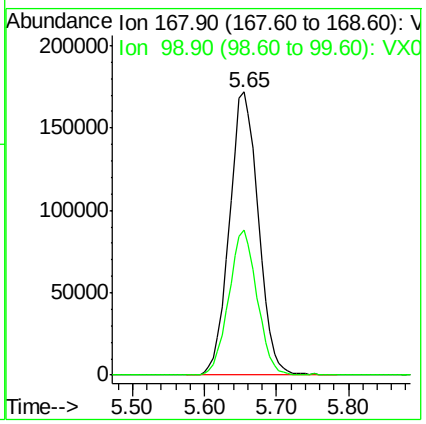


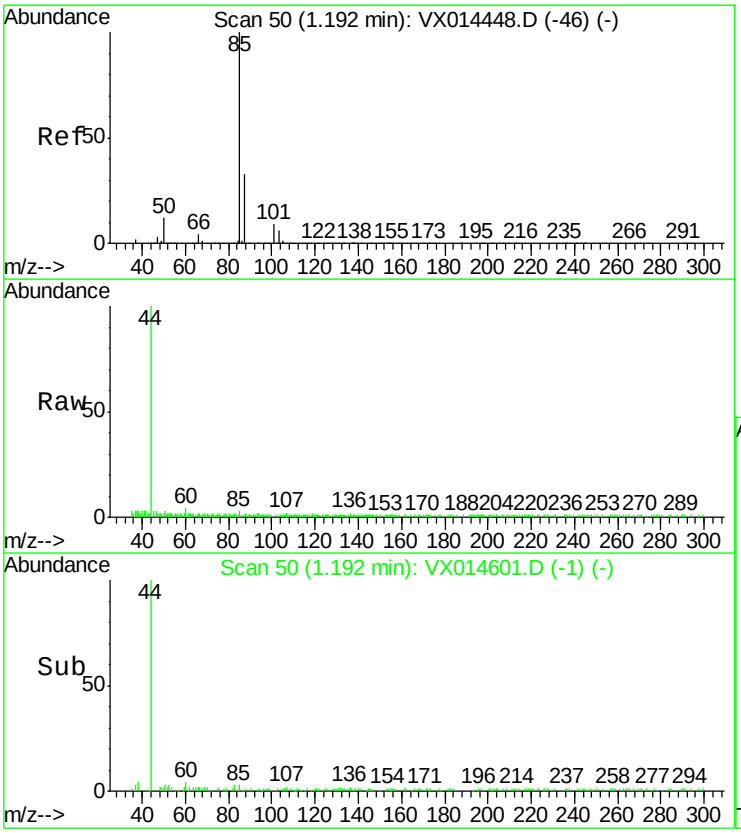
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:168 Resp: 479782

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.2	58.8

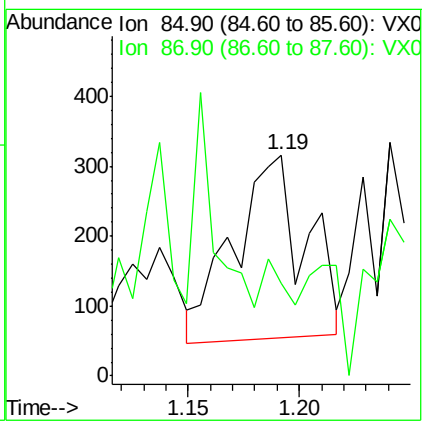


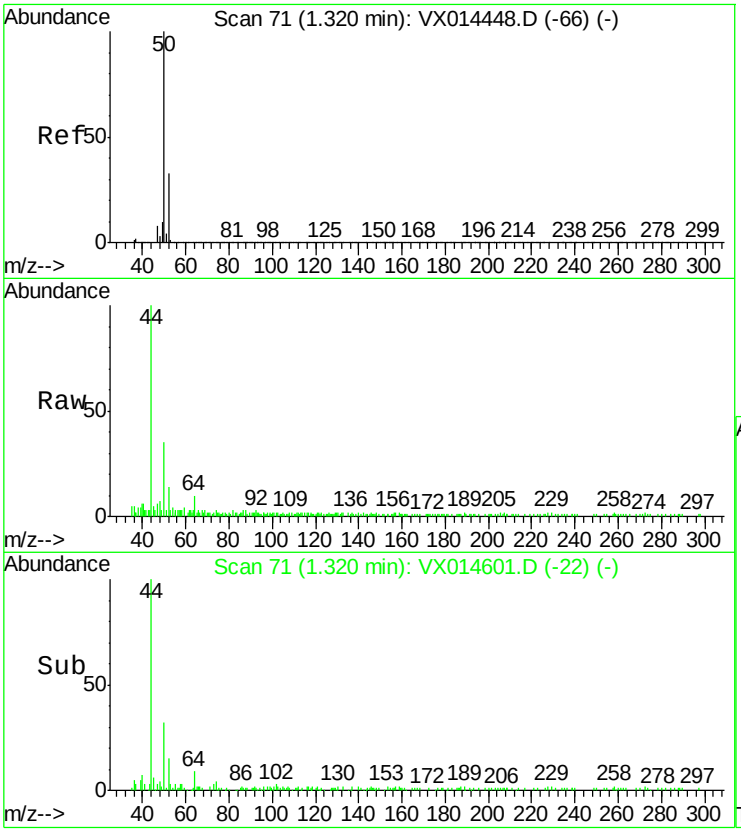


#2
Dichlorodifluoromethane
Concen: 0.350 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 85 Resp: 583

Ion	Ratio	Lower	Upper
85	100		
87	13.6	16.5	49.5#



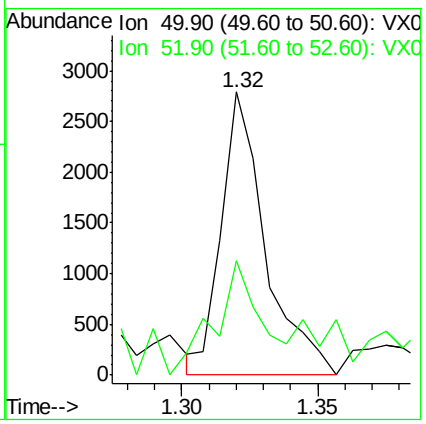


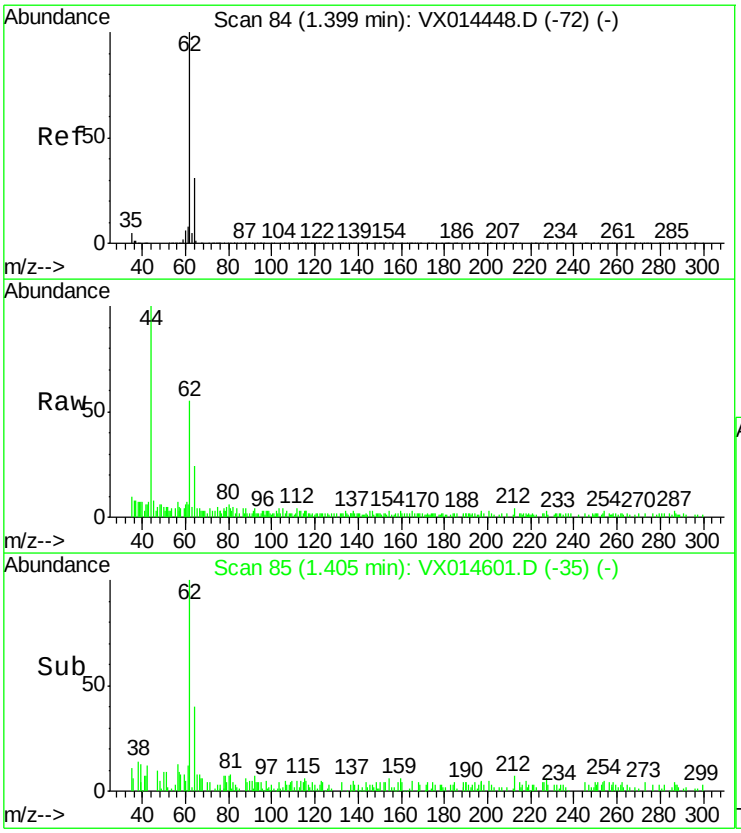
#3
Chloromethane
Concen: 0.513 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 50 Resp: 3137

Ion	Ratio	Lower	Upper
50	100		
52	24.7	26.1	39.1#

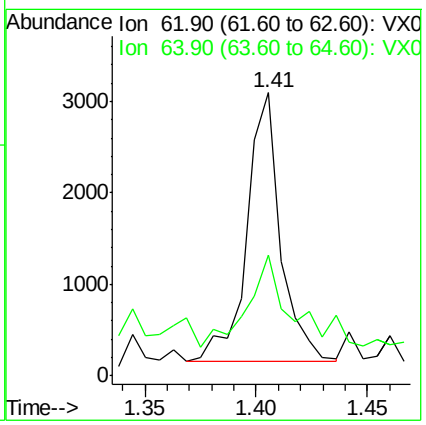


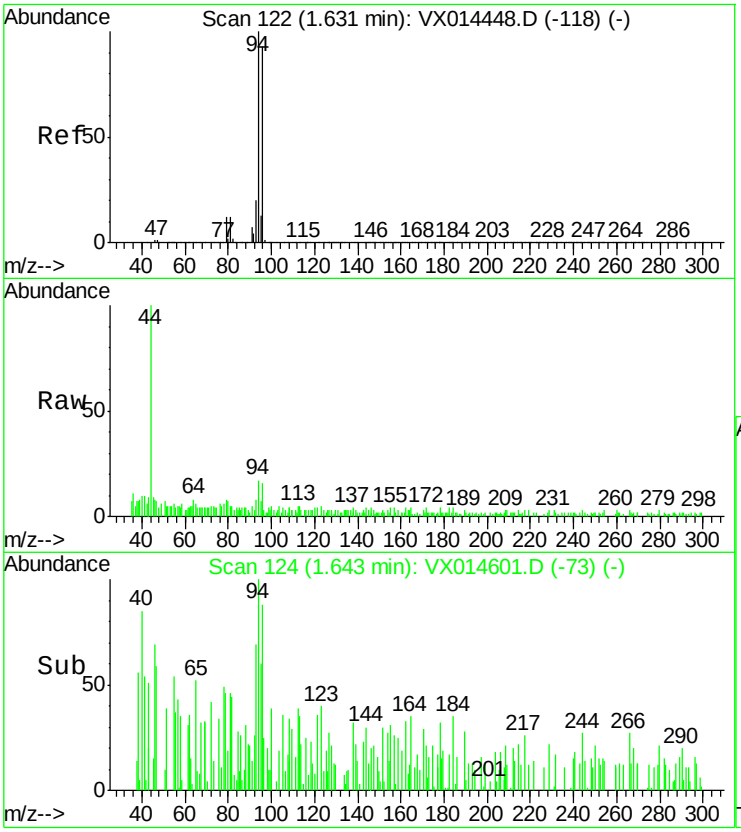


#4
Vinyl Chloride
Concen: 0.450 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 62 Resp: 3069

Ion	Ratio	Lower	Upper
62	100		
64	23.6	24.6	37.0#



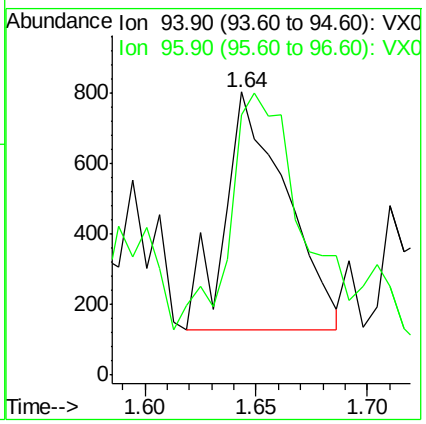


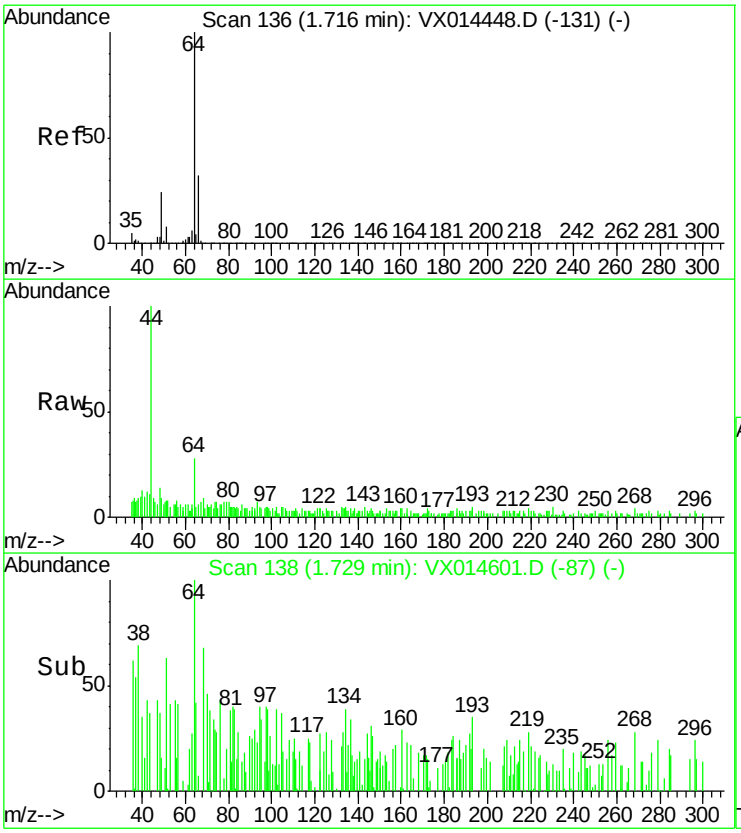
#5
Bromomethane
Concen: 0.288 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 94 Resp: 1302

Ion	Ratio	Lower	Upper
94	100		
96	100.4	74.2	111.2

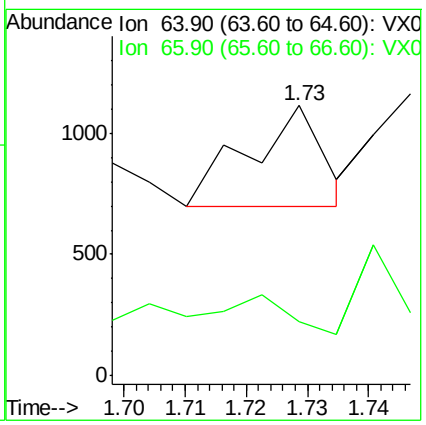


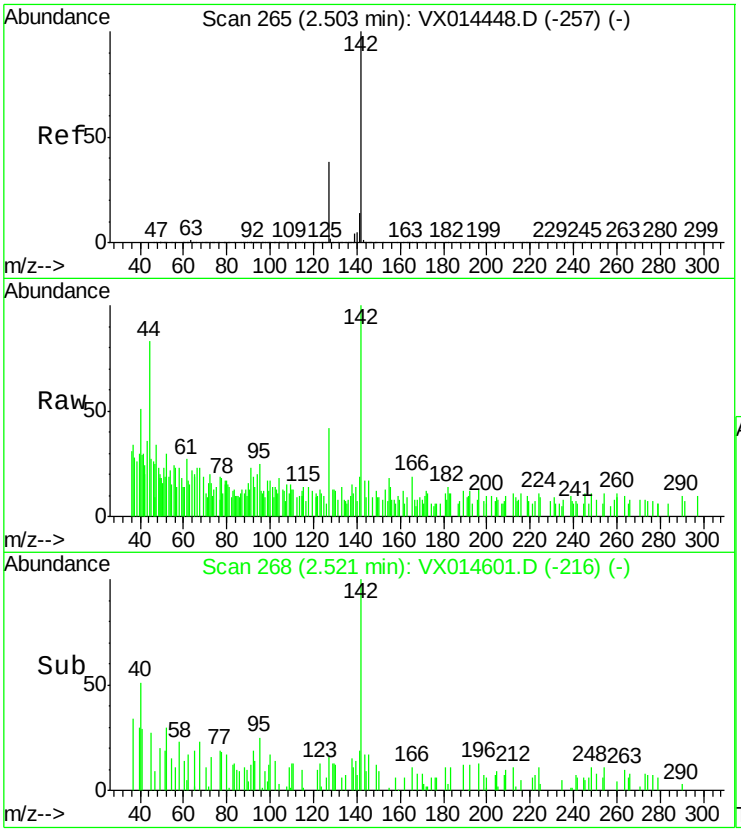


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 138
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 64 Resp: 349

Ion	Ratio	Lower	Upper
64	100		
66	11.9	25.3	37.9#



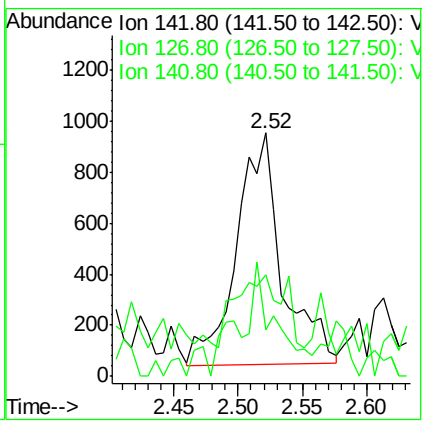


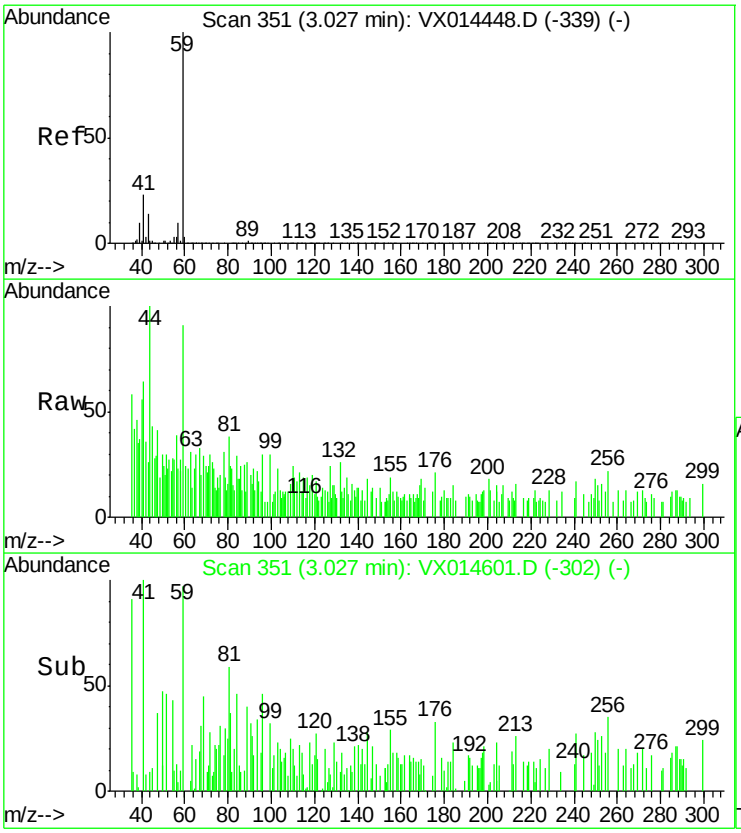
#10
Methyl Iodide
Concen: 0.393 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument : MSVOA_X
ClientSampleId : KY038PS027-200113

Tgt Ion:142 Resp: 2214

Ion	Ratio	Lower	Upper
142	100		
127	34.3	31.2	46.8
141	27.2	11.4	17.2#

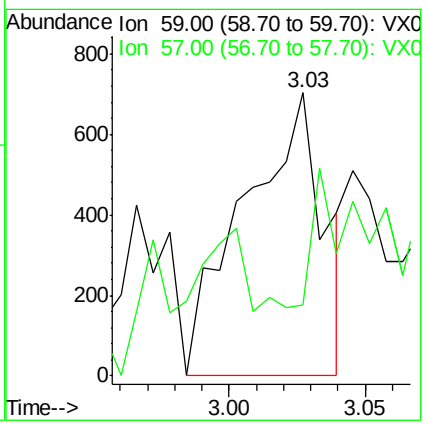


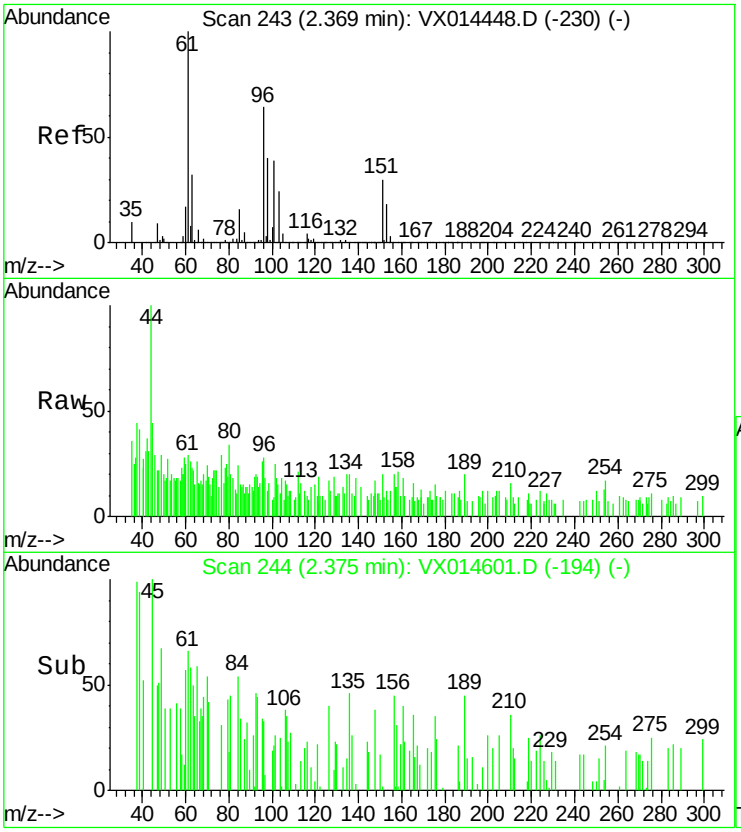


#11
Tert butyl alcohol
Concen: 1.274 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 59 Resp: 1425

Ion	Ratio	Lower	Upper
59	100		
57	47.4	8.5	12.7#



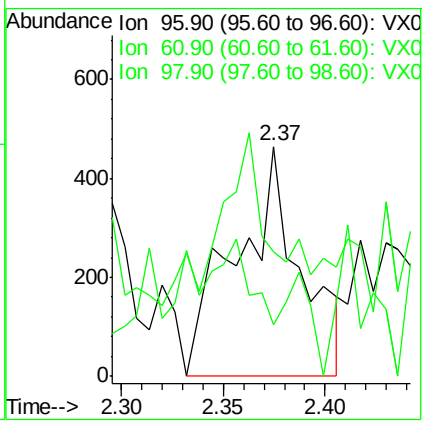


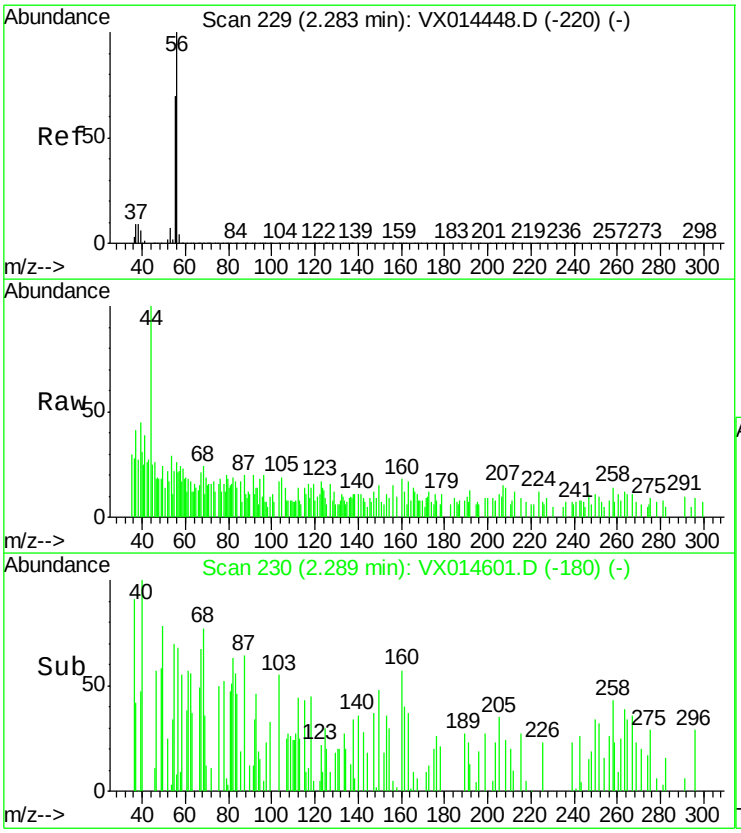
#12
1,1-Dichloroethene
Concen: 0.215 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument : MSVOA_X
ClientSampleId : KY038PS027-200113

Tgt Ion: 96 Resp: 1018

Ion	Ratio	Lower	Upper
96	100		
61	10.0	125.0	187.6#
98	0.0	50.2	75.2#

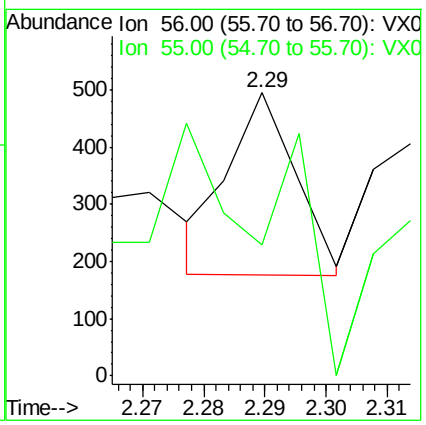


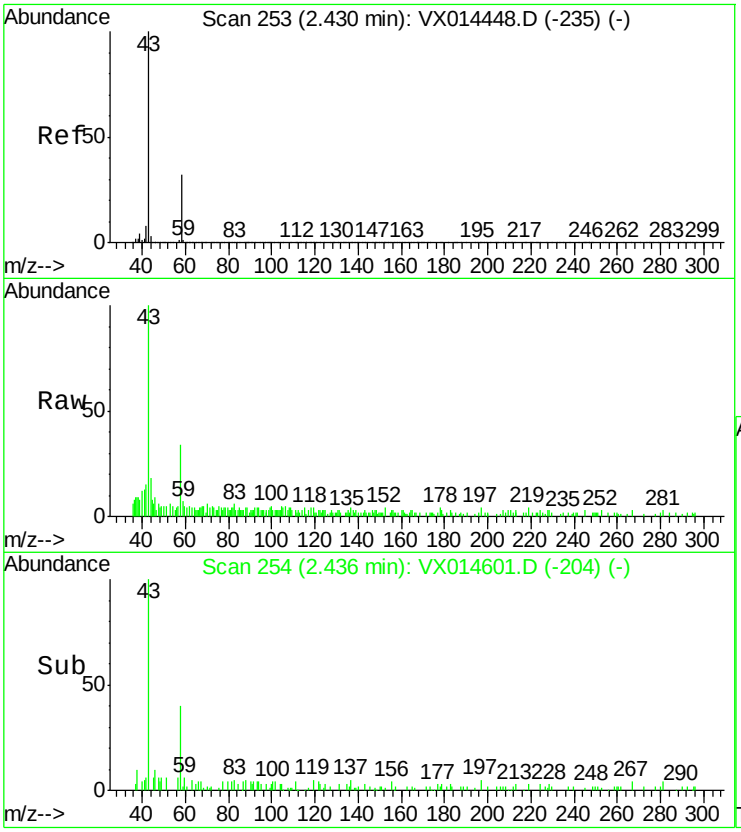


#13
Acrolein
Concen: 0.270 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 56 Resp: 242

Ion	Ratio	Lower	Upper
56	100		
55	243.8	55.0	82.6#



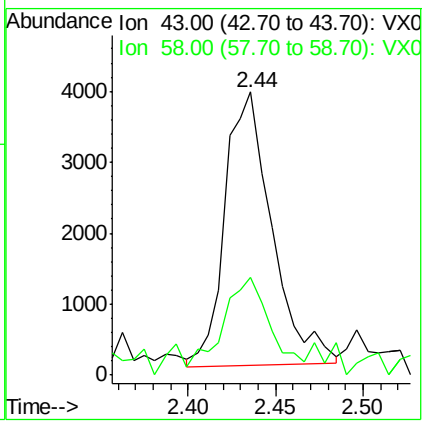


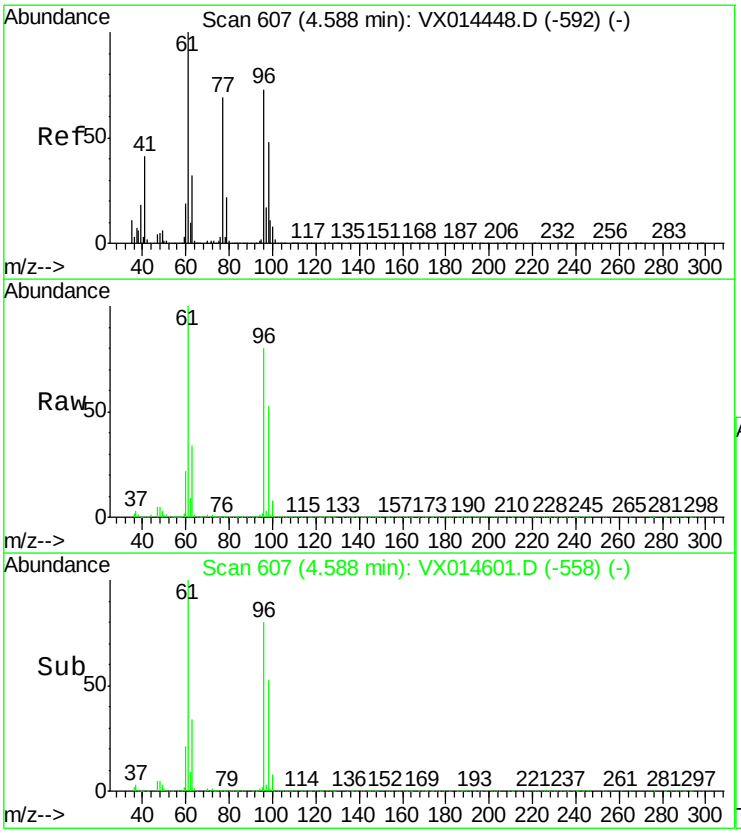
#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument : MSVOA_X
ClientSampleId : KY038PS027-200113

Tgt Ion: 43 Resp: 7199

Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.4	38.0

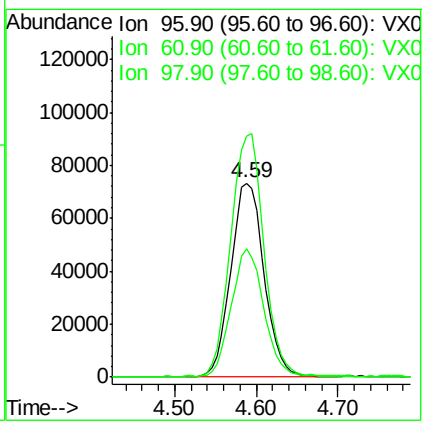


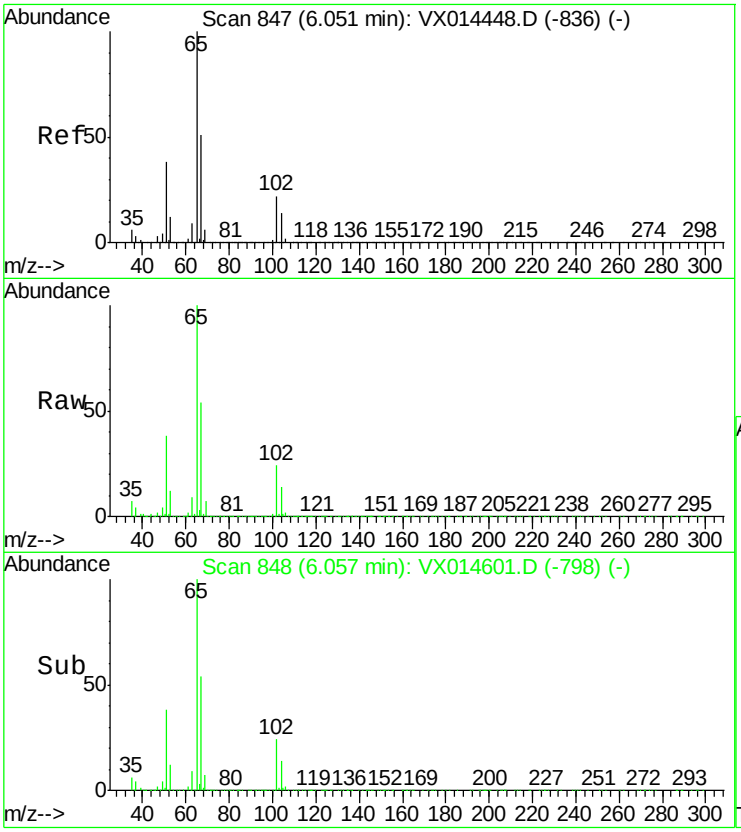


#27
cis-1,2-Dichloroethene
Concen: 35.690 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 96 Resp: 206398

Ion	Ratio	Lower	Upper
96	100		
61	125.9	0.0	285.4
98	64.8	0.0	130.6



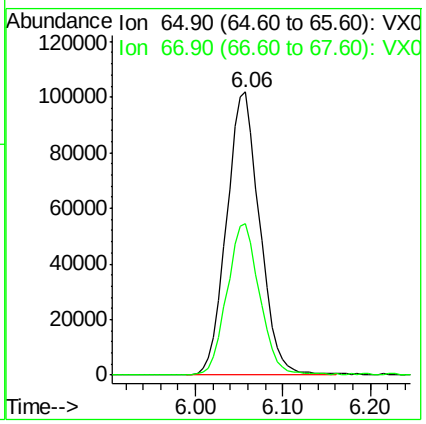


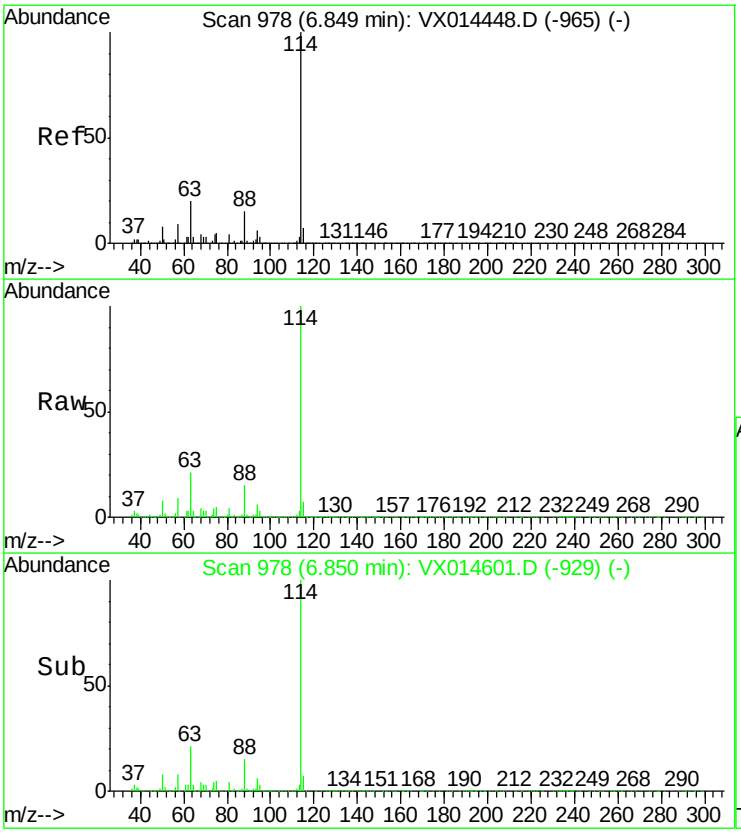
#33
1,2-Dichloroethane-d4
Concen: 49.775 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 65 Resp: 266592

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.2

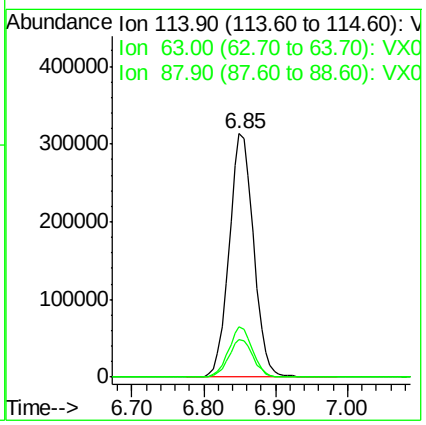


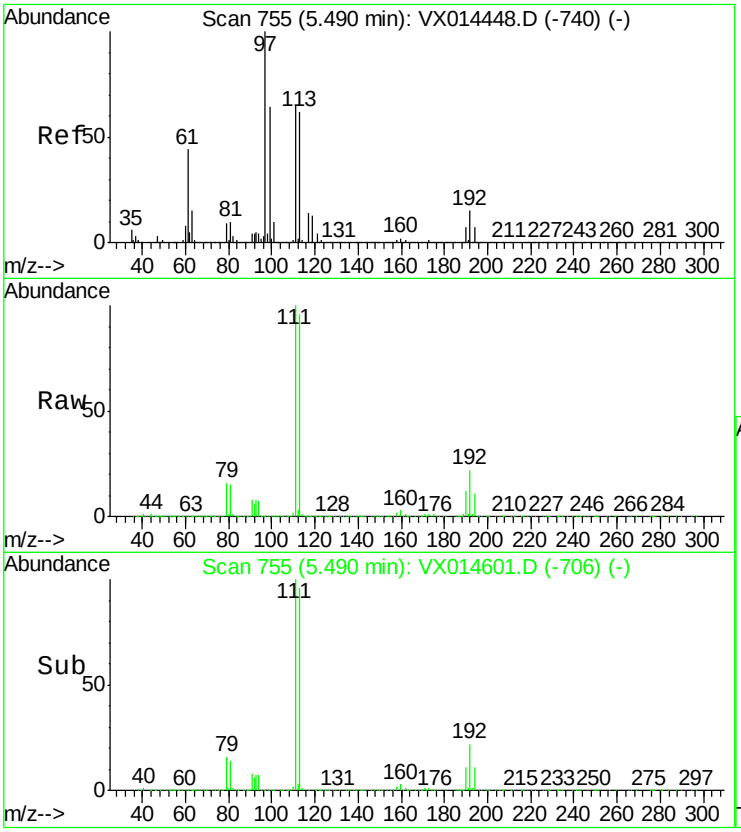


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:114 Resp: 735818

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.6
88	15.4	0.0	30.8



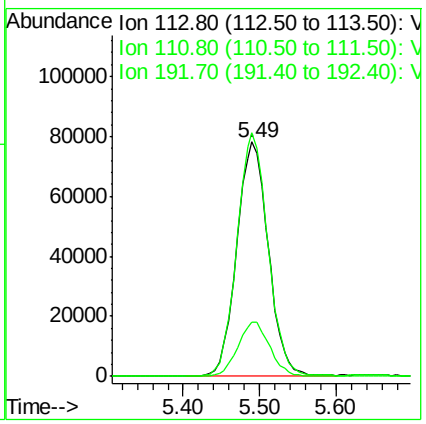


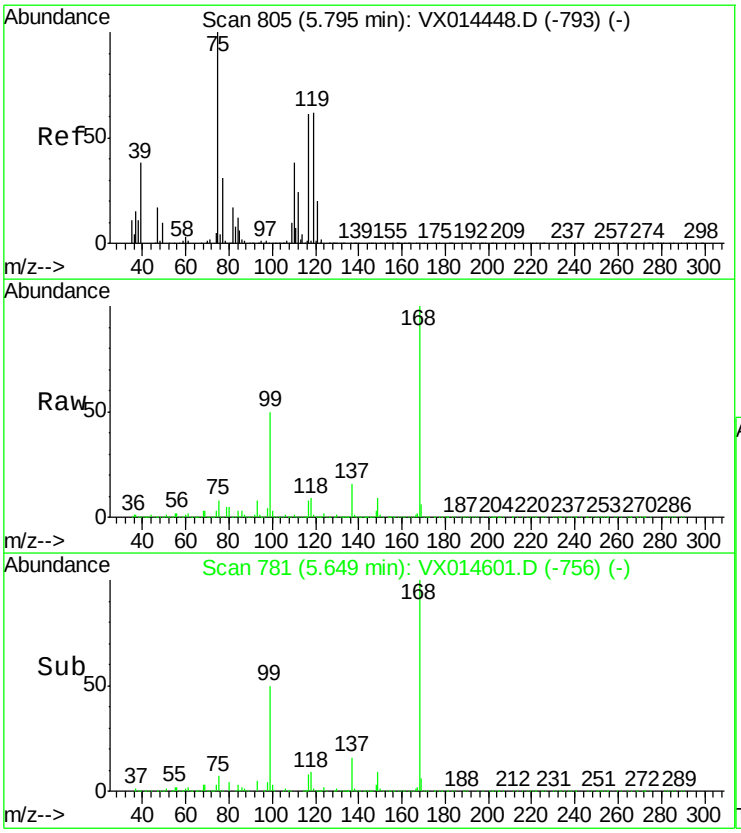
#35
Dibromofluoromethane
Concen: 50.206 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:113 Resp: 223631

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	23.0	19.2	28.8

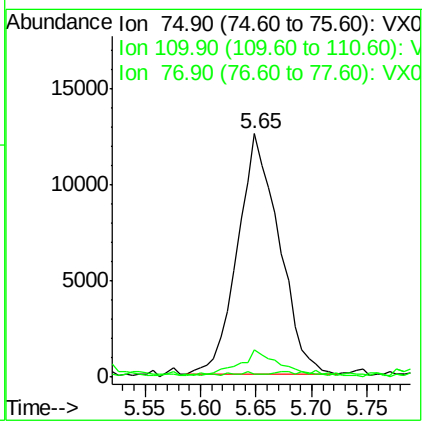


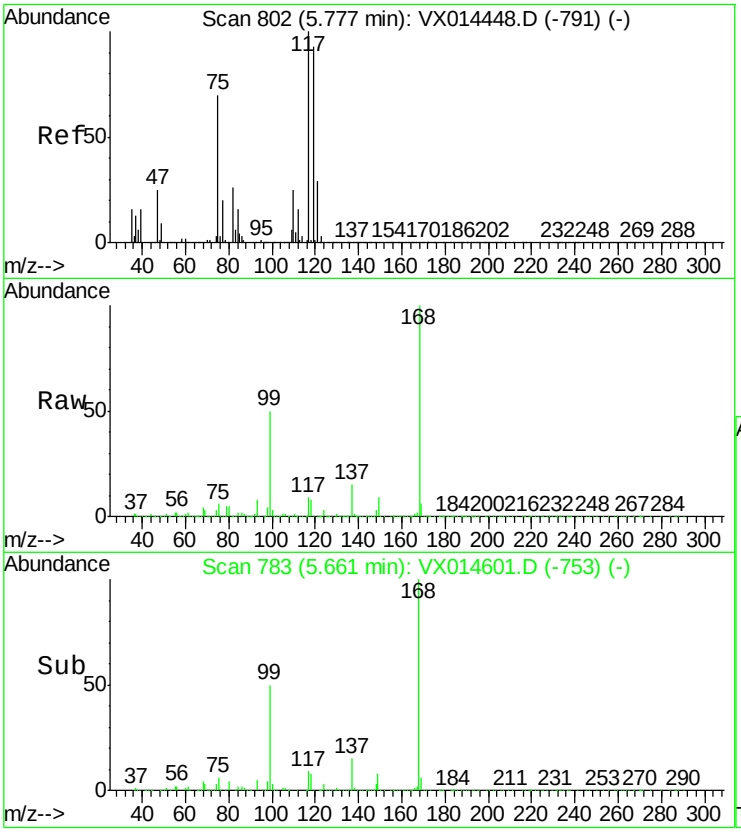


#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 75 Resp: 32160

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.6	55.8#
77	0.7	24.5	36.7#



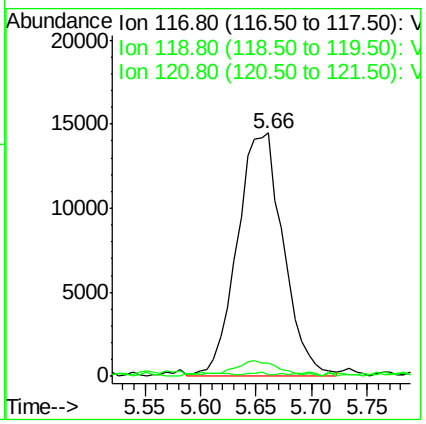


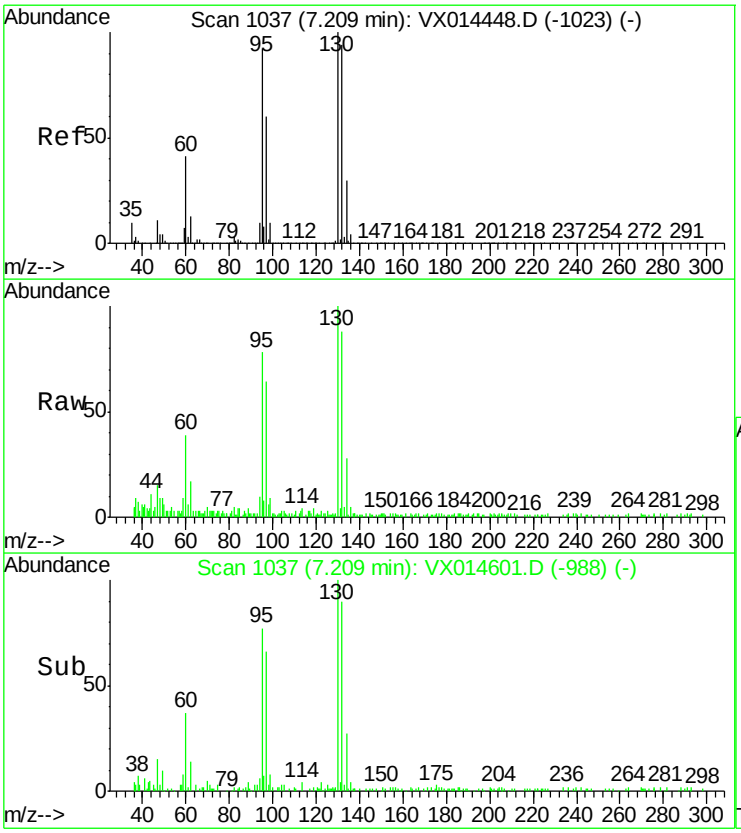
#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.12 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:117 Resp: 41776

Ion	Ratio	Lower	Upper
117	100		
119	4.4	73.8	110.8#
121	0.9	23.4	35.0#

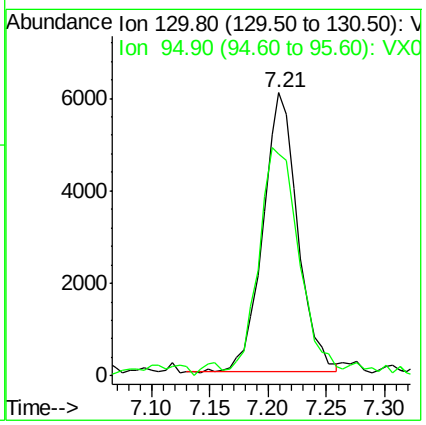


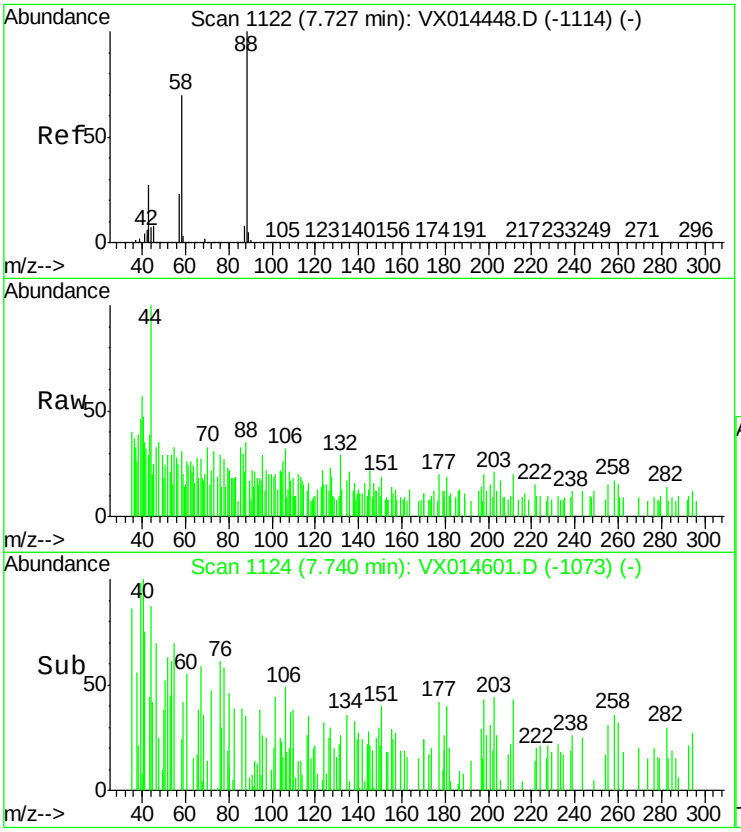


#44
Trichloroethene
Concen: 2.104 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:130 Resp: 12417

Ion	Ratio	Lower	Upper
130	100		
95	76.2	0.0	184.2



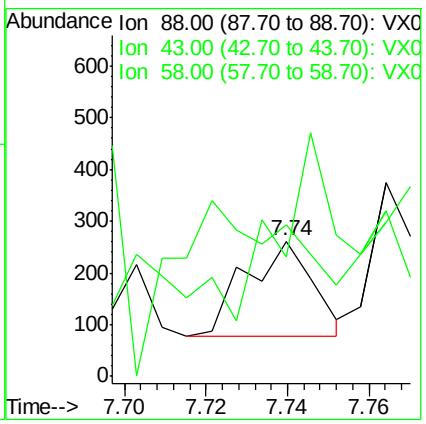


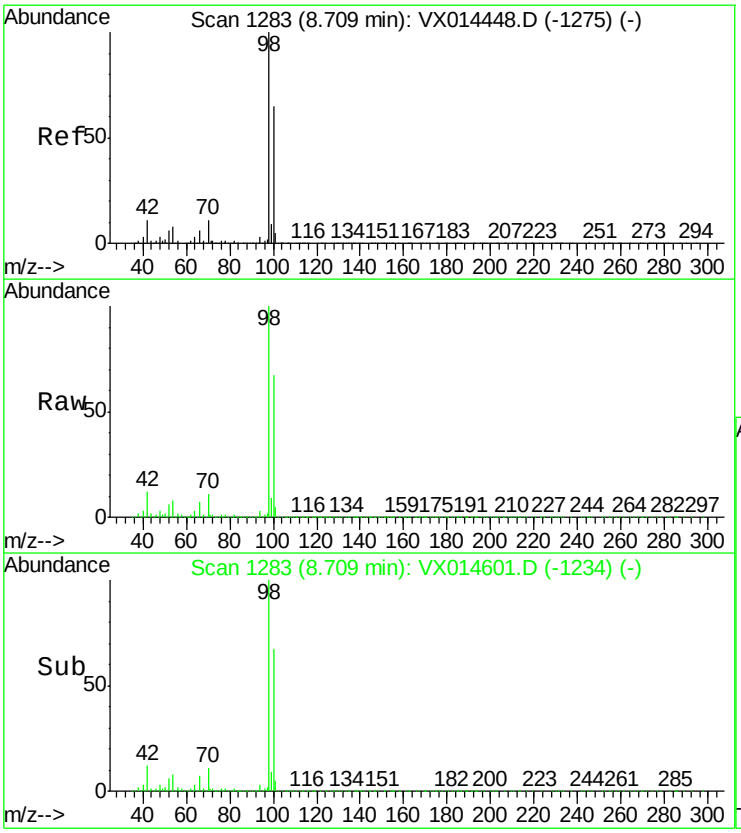
#49
1,4-Dioxane
Concen: 1.720 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 88 Resp: 212

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	257.5	57.1	85.7#

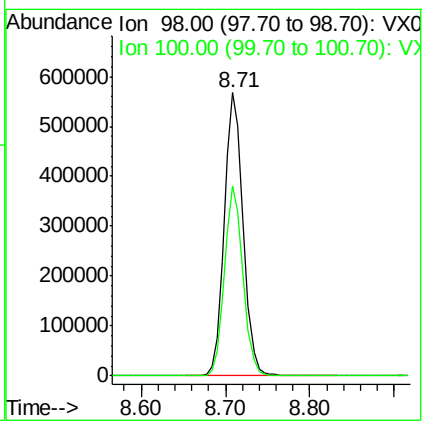


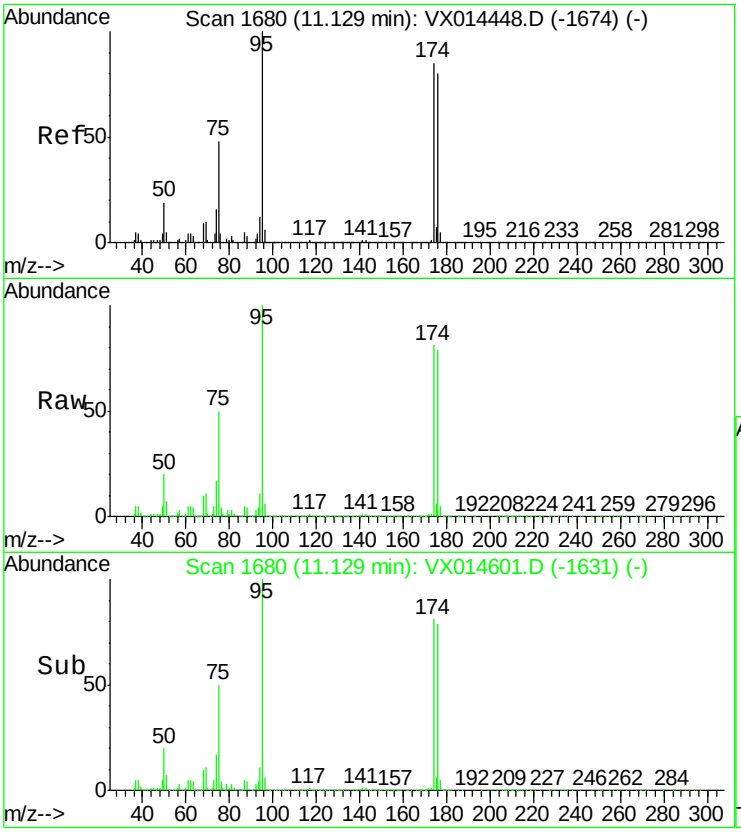


#50
Toluene-d8
Concen: 50.308 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 98 Resp: 869597

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8



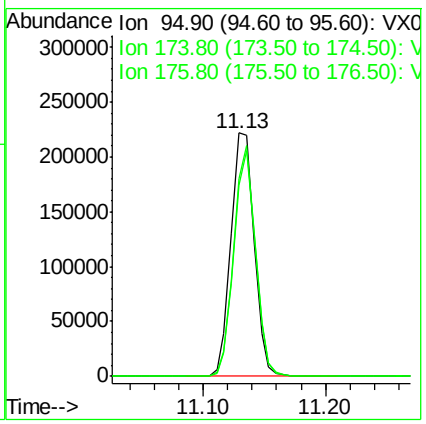


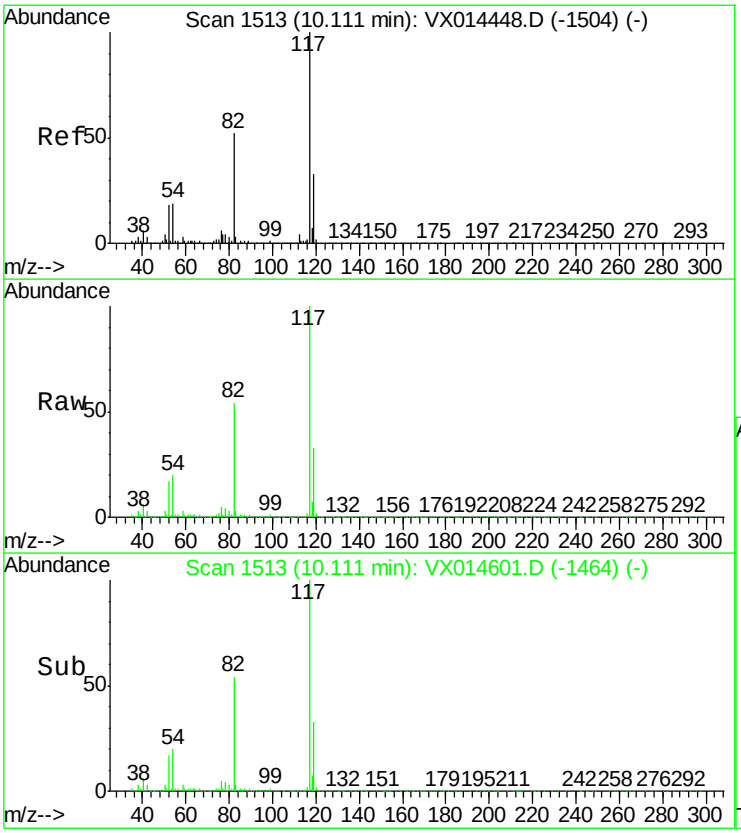
#62
4-Bromofluorobenzene
Concen: 45.609 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 95 Resp: 289417

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	180.8
176	86.5	0.0	172.8

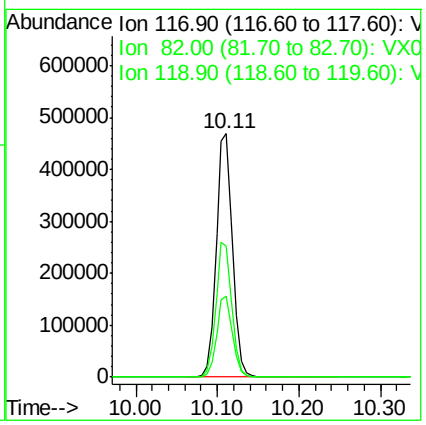


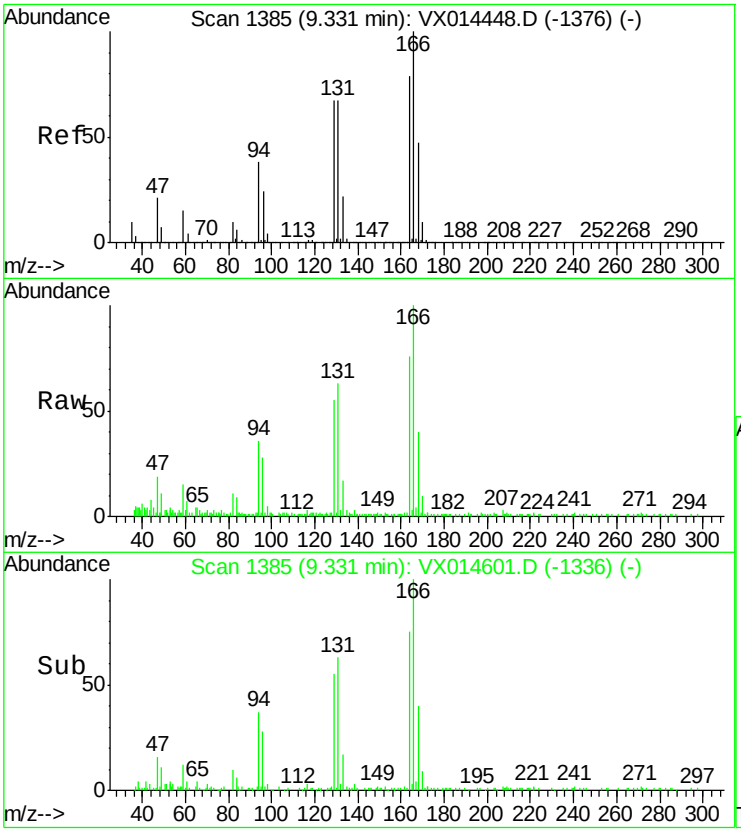


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:117 Resp: 654873

Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.8	62.6
119	33.4	26.2	39.4



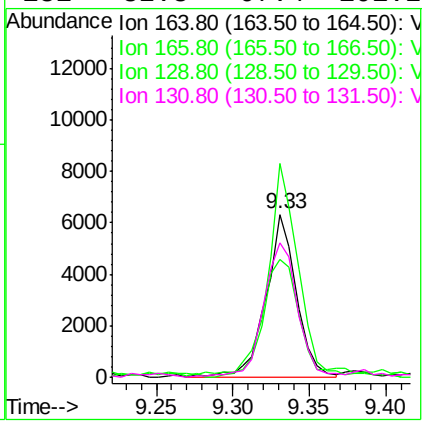


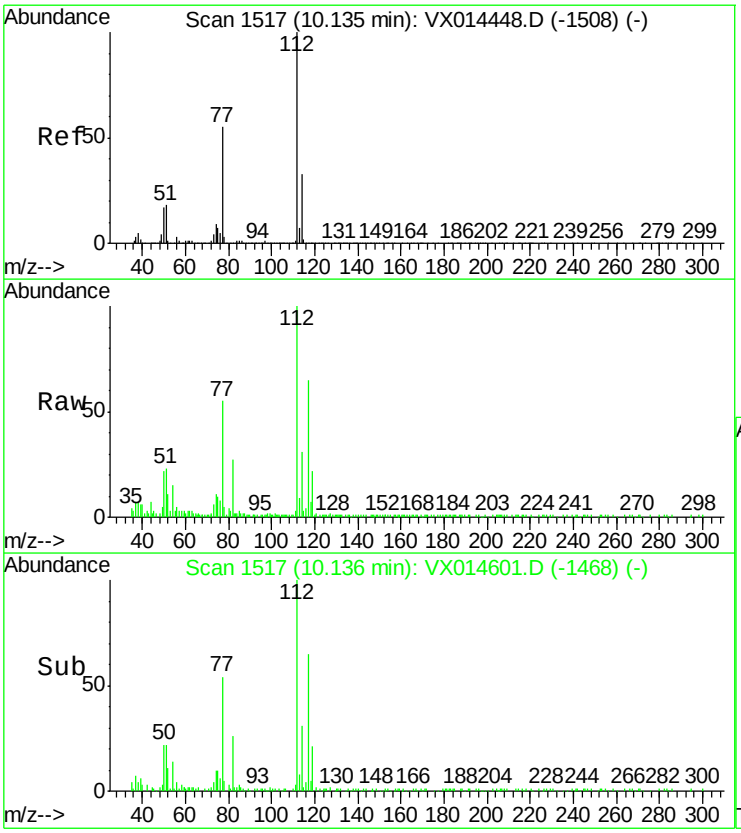
#64
Tetrachloroethene
Concen: 1.346 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:164 Resp: 8837

Ion	Ratio	Lower	Upper
164	100		
166	130.1	101.2	151.8
129	70.3	68.3	102.5
131	82.3	67.4	101.2

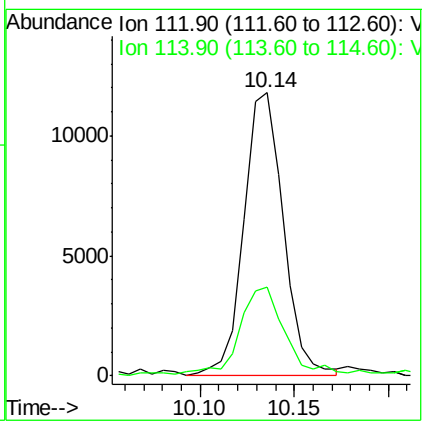


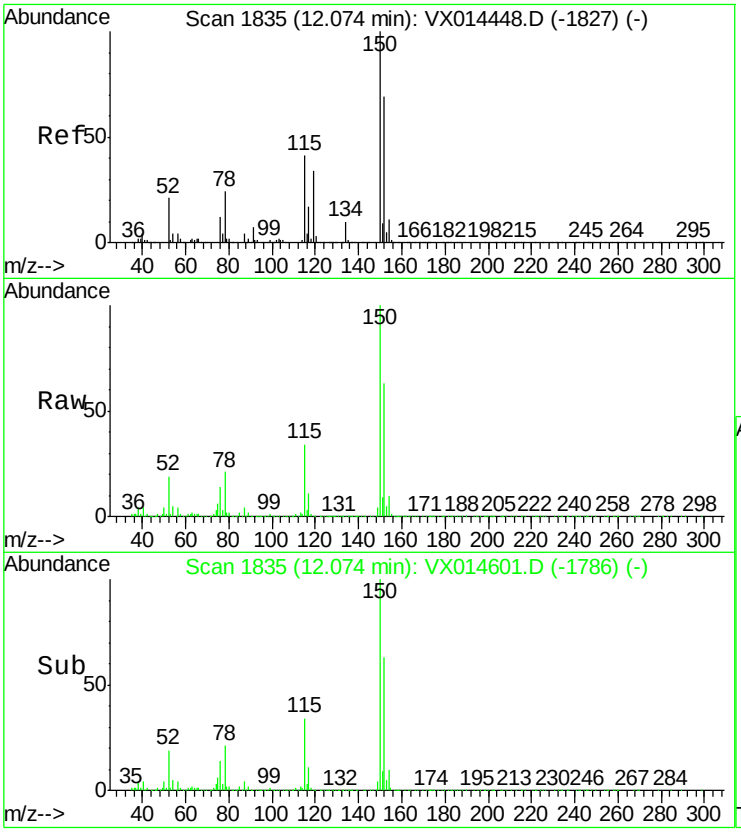


#65
Chlorobenzene
Concen: 1.215 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:112 Resp: 17273

Ion	Ratio	Lower	Upper
112	100		
114	29.7	26.2	39.4



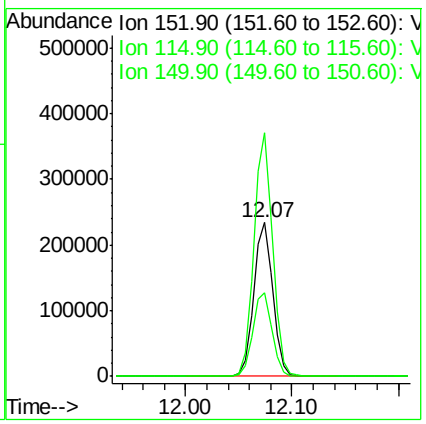


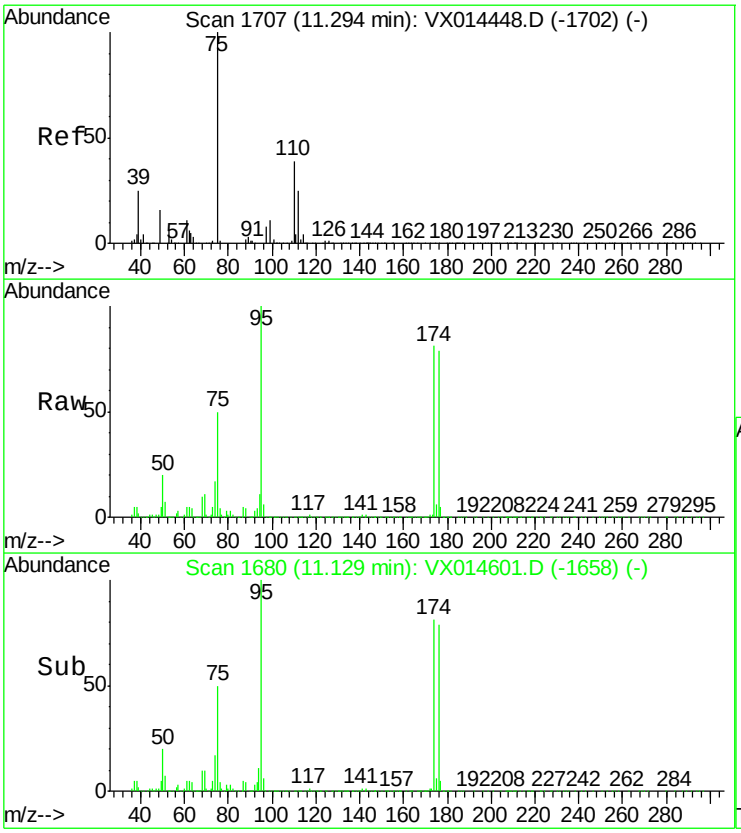
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:152 Resp: 292375

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.5	118.3
150	155.5	0.0	350.2

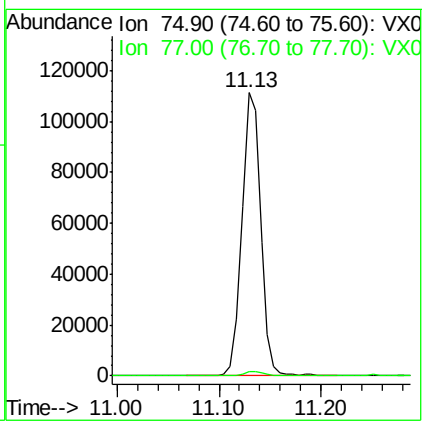


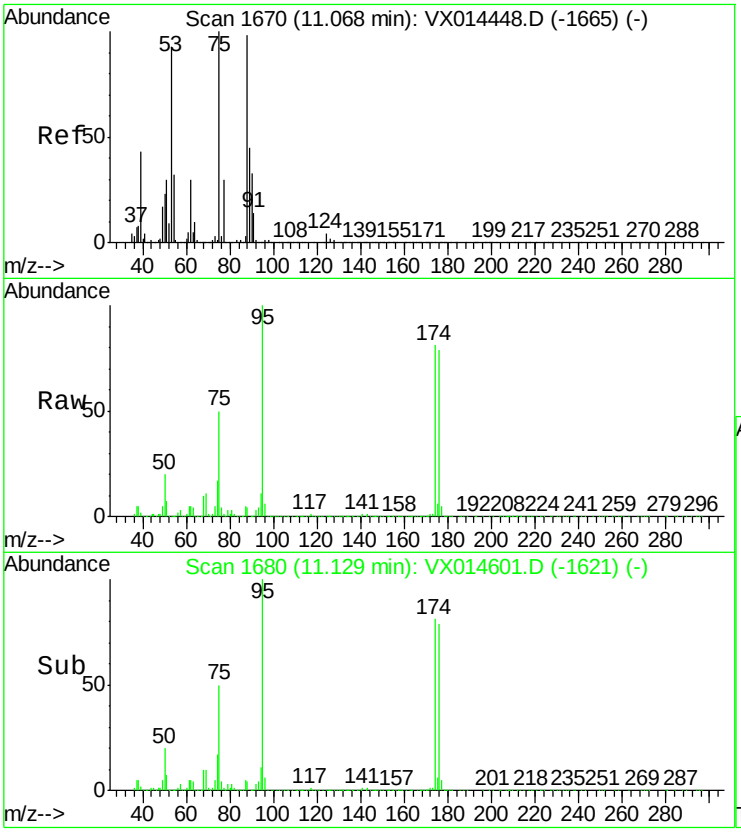


#76
1,2,3-Trichloropropane
Concen: 23.458 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion: 75 Resp: 141907

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.9	65.7#



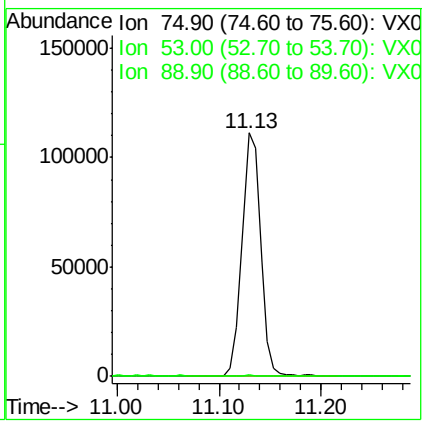


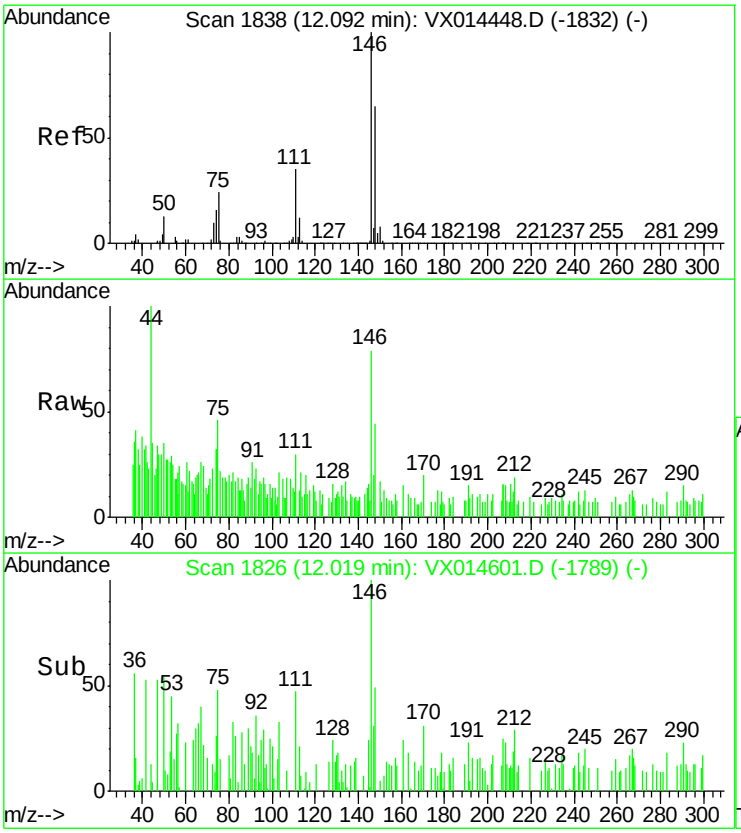
#81
trans-1,4-Dichloro-2-butene
Concen: 62.020 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion: 75 Resp: 141907

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.8	112.2#
89	0.1	36.3	54.5#

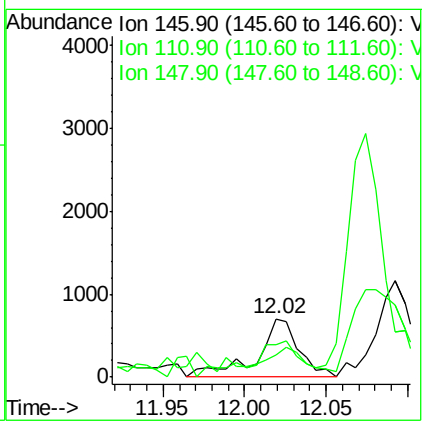


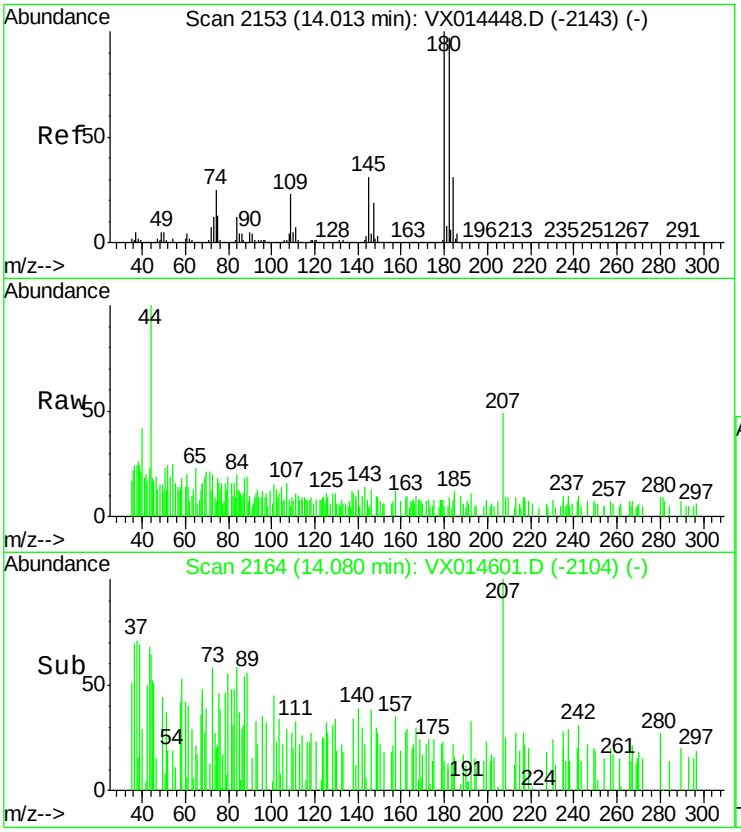


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.02 min Scan# 1826
Delta R.T. -0.07 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Tgt Ion:146 Resp: 1250

Ion	Ratio	Lower	Upper
146	100		
111	32.1	18.1	54.1
148	61.7	32.1	96.3





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 14.08 min Scan# 2164
Delta R.T. 0.07 min
Lab File: VX014601.D
Acq: 14 Jan 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-200113

Tgt Ion:180 Resp: 235

Ion	Ratio	Lower	Upper
180	100		
182	123.4	47.9	143.6
145	22.6	14.8	44.3