Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
Data File : VX014242.D
Acq On : 24 Dec 2019 14:05
Operator : JC/SP
Sample : K6401-06 40X
Misc : 5.27g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C0B40

Quant Time: Dec 25 05:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	550402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	836869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	761042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	355612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	301292	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
35) Dibromofluoromethane	5.49	113	246041	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.72%			
50) Toluene-d8	8.71	98	998918	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.88%			
62) 4-Bromofluorobenzene	11.14	95	345400	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.42%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1276	0.258	ug/l #	76
6) Chloroethane	1.70	64	1140	0.265	ug/l #	45
10) Methyl Iodide	2.50	142	309	2.663	ug/l #	37
11) Tert butyl alcohol	3.01	59	7819	5.801	ug/l #	86
13) Acrolein	2.30	56	641	0.831	ug/l #	43
16) Acetone	2.43	43	14167	3.498	ug/l #	86
17) Carbon Disulfide	2.55	76	444	0.780	ug/l #	75
20) Methylene Chloride	2.85	84	5048	0.792	ug/l #	85
25) 2-Butanone	4.68	43	4777	0.957	ug/l #	80
28) Bromochloromethane	5.00	49	372	0.545	ug/l #	58
29) Tetrahydrofuran	5.14	42	1463	0.524	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	37437	4.875	ug/l #	50
38) Carbon Tetrachloride	5.65	117	48129	6.880	ug/l #	16
41) Methacrylonitrile	5.05	41	1269	0.270	ug/l #	38
49) 1,4-Dioxane	7.73	88	126	0.901	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	3195	0.363	ug/l #	76
65) Chlorobenzene	10.14	112	40583	2.508	ug/l	98
67) Ethyl Benzene	10.25	91	9169	0.330	ug/l	93
68) m/p-Xylenes	10.35	106	13545	1.266	ug/l	99
69) o-Xylene	10.70	106	4602	0.439	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	165064	21.381	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	165064	60.347	ug/l #	11
87) 1,3-Dichlorobenzene	12.02	146	262192	21.717	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	381967	31.114	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	753222	61.974	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	22942	2.904	ug/l	93
96) 1,2,3-Trichlorobenzene	14.01	180	7617	0.977	ug/l	95

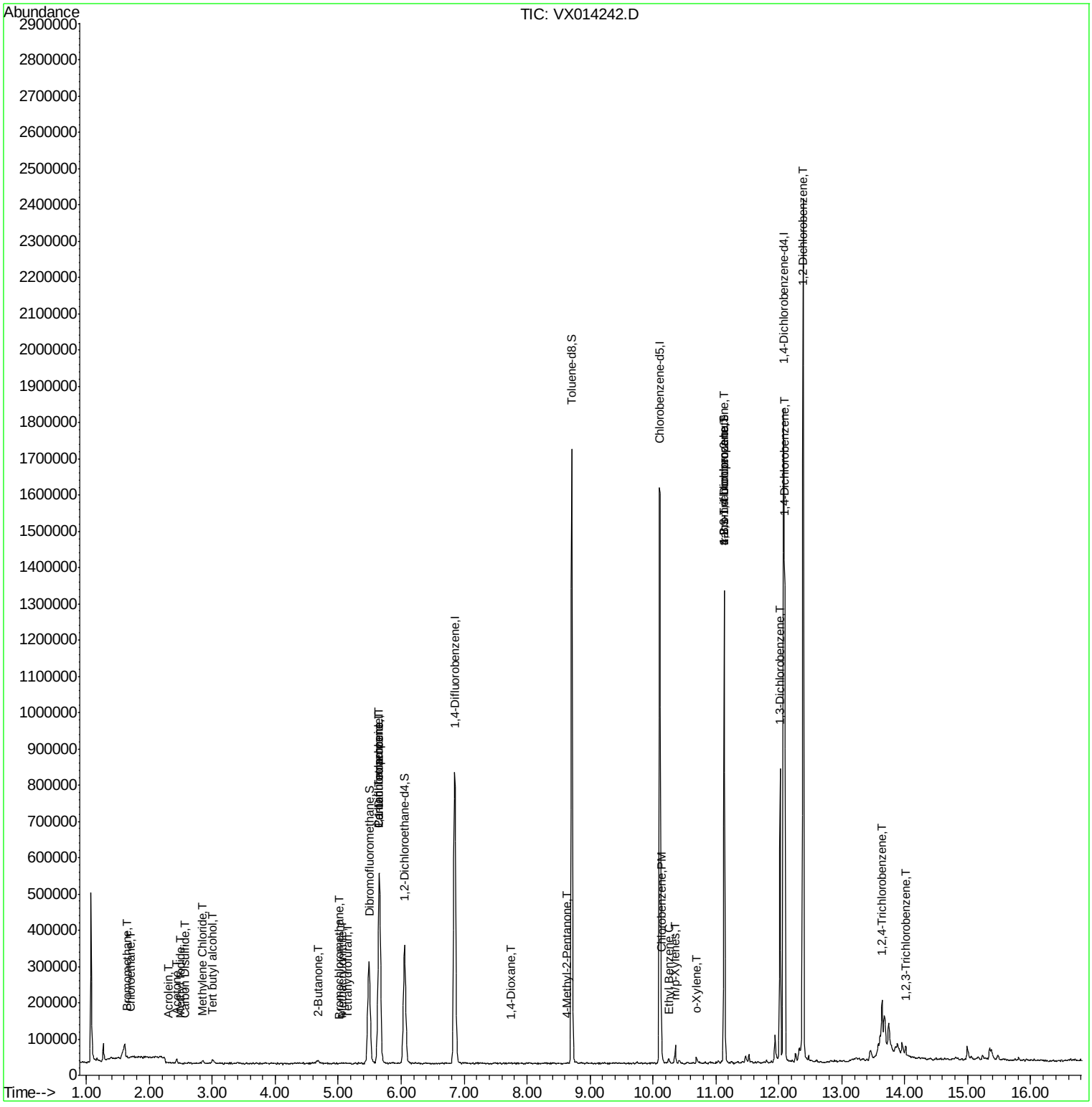
(#) = qualifier out of range (m) = manual integration (+) = signals summed

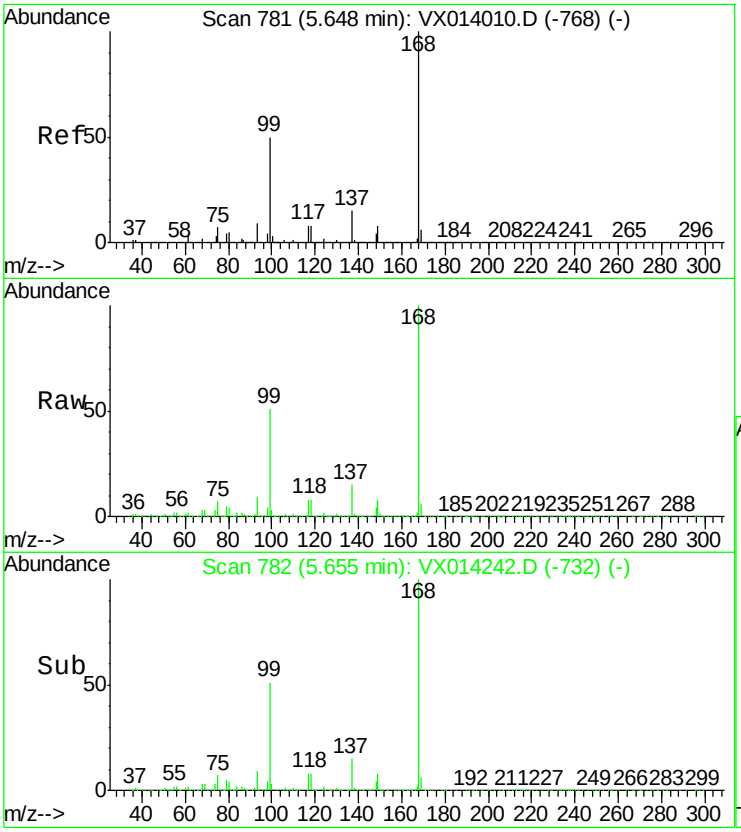
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122419\
Data File : VX014242.D
Acq On : 24 Dec 2019 14:05
Operator : JC/SP
Sample : K6401-06 40X
Misc : 5.27g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Quant Time: Dec 25 05:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



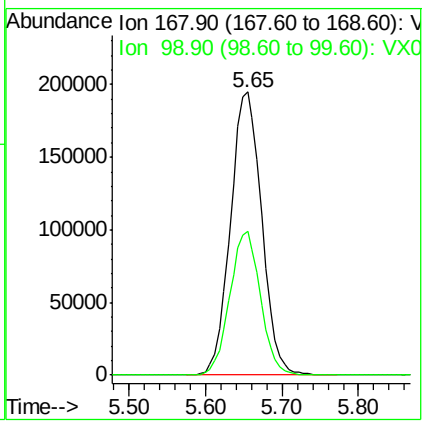


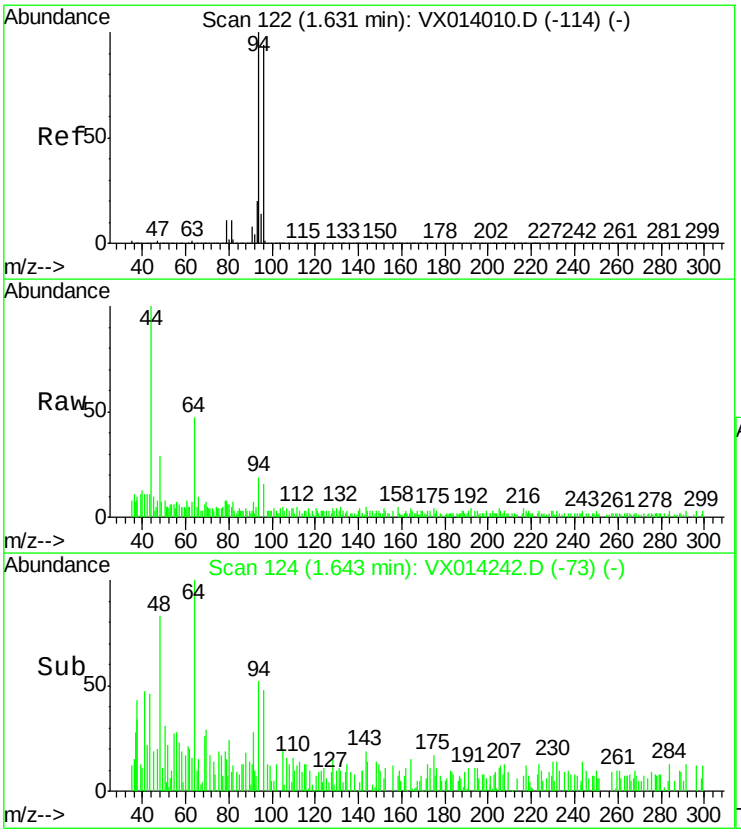
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion:168 Resp: 550402

Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.3	60.5

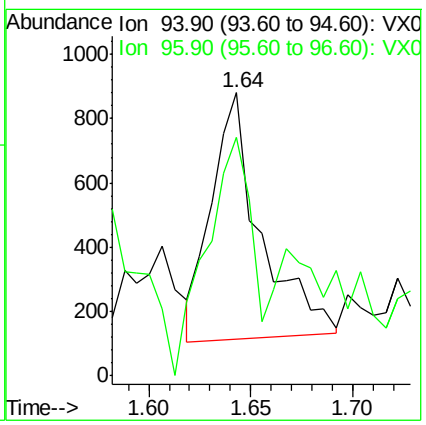


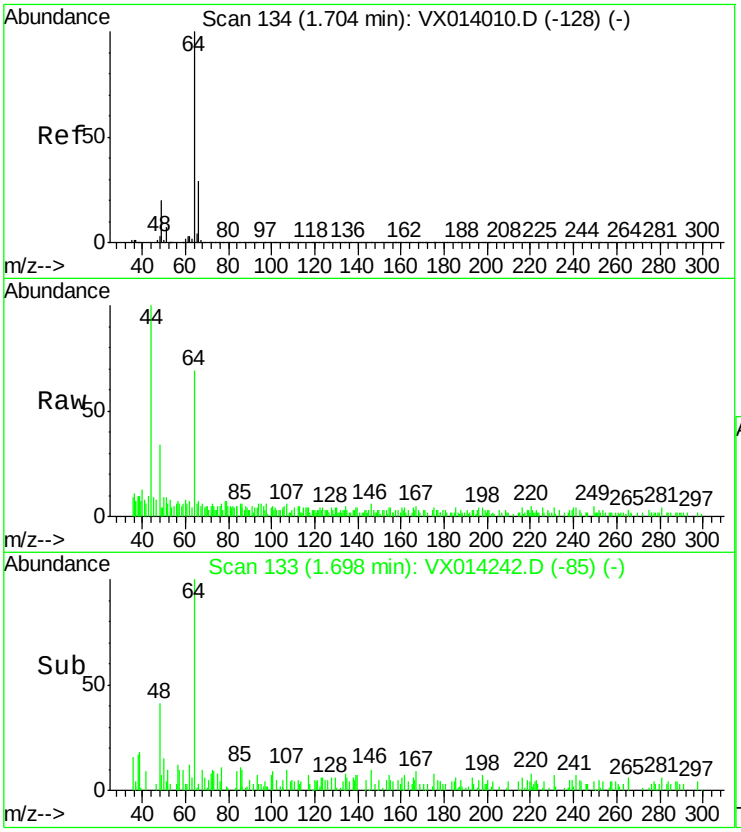


#5
Bromomethane
Concen: 0.258 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 94 Resp: 1276

Ion	Ratio	Lower	Upper
94	100		
96	70.4	75.2	112.8#



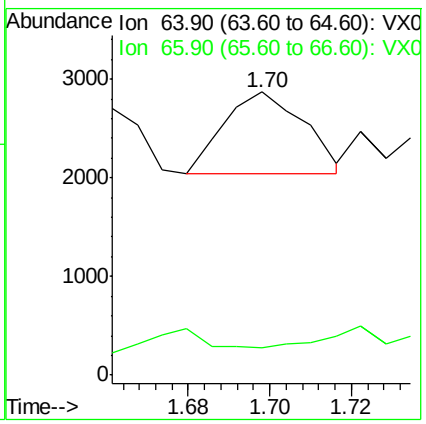


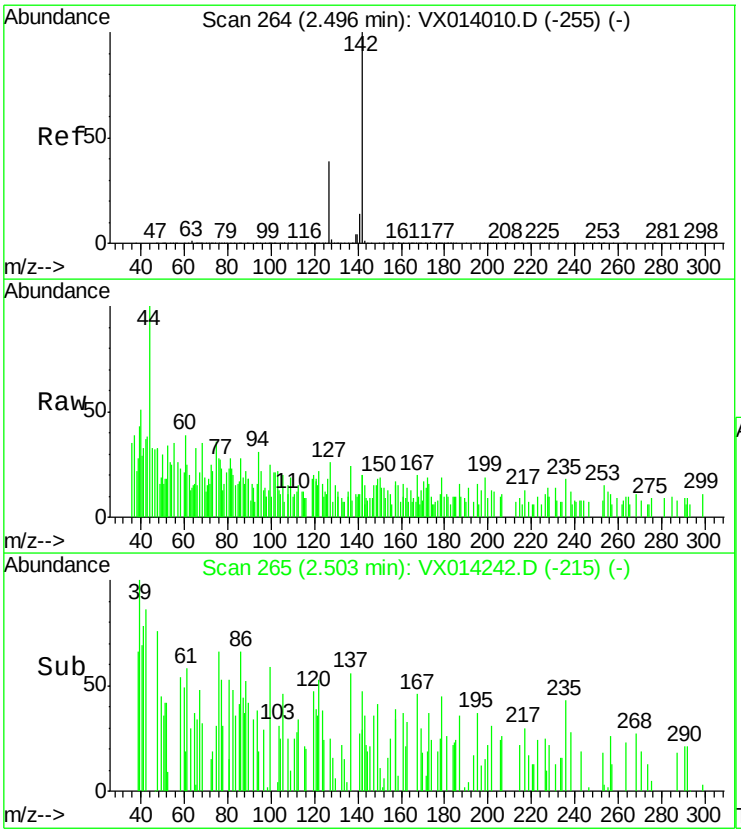
#6
Chloroethane
Concen: 0.265 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 64 Resp: 1140

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#

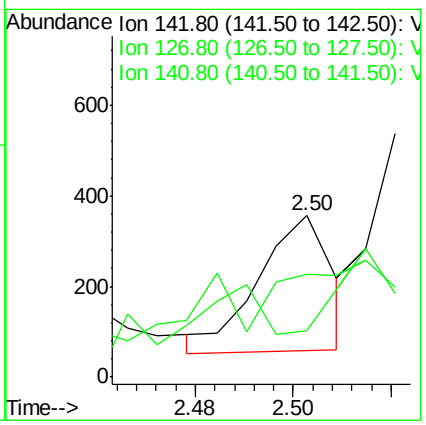


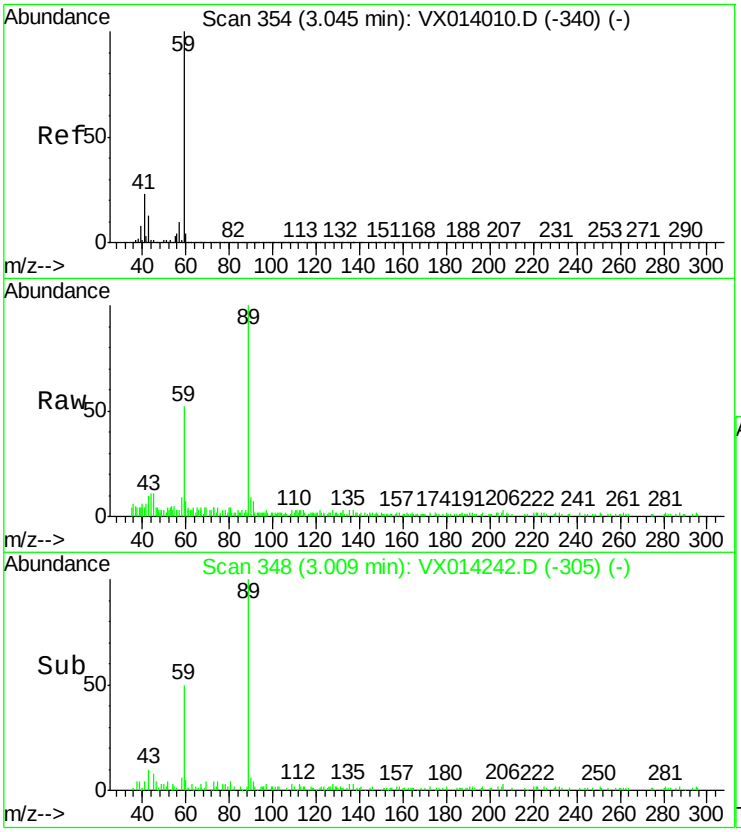


#10
Methyl Iodide
Concen: 2.663 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:142 Resp: 309

Ion	Ratio	Lower	Upper
142	100		
127	30.4	31.6	47.4#
141	93.9	11.6	17.4#



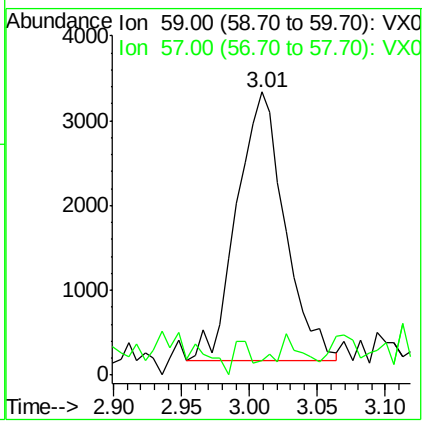


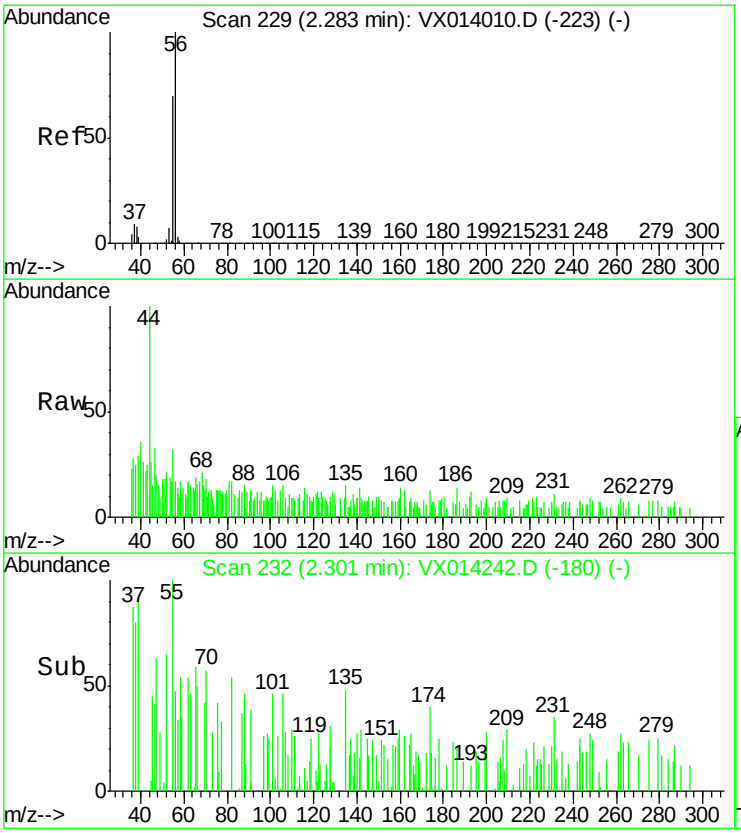
#11
Tert butyl alcohol
Concen: 5.801 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.04 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 59 Resp: 7819

Ion	Ratio	Lower	Upper
59	100		
57	5.2	8.4	12.6#

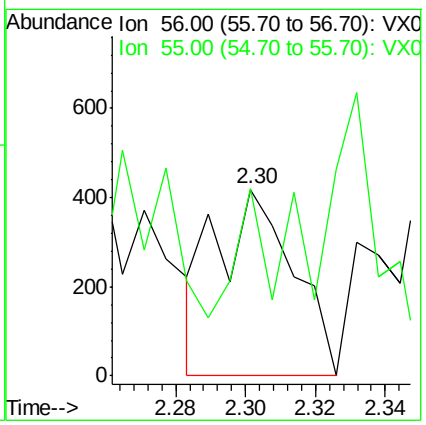


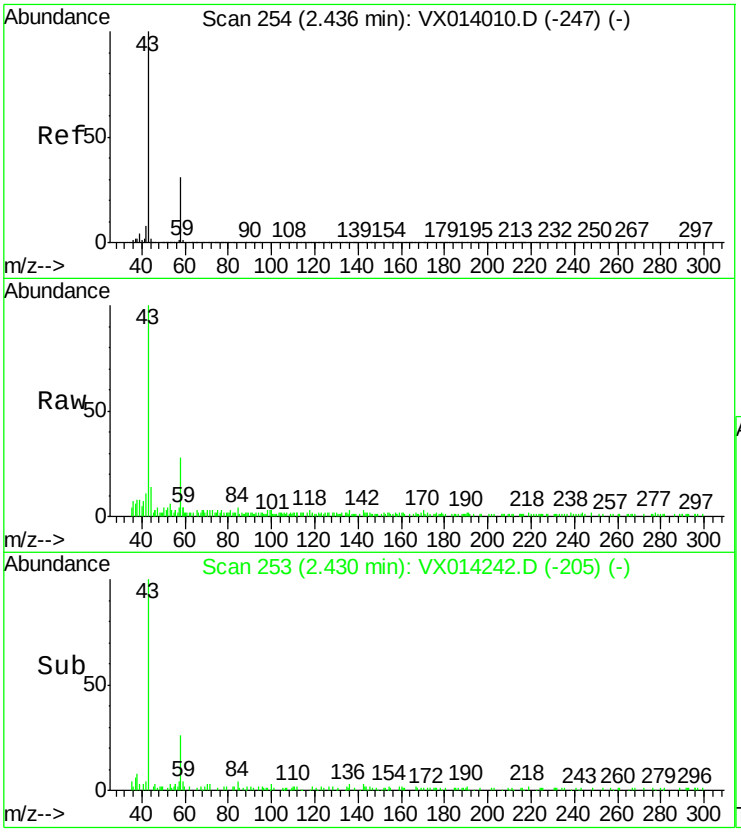


#13
Acrolein
Concen: 0.831 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 56 Resp: 641

Ion	Ratio	Lower	Upper
56	100		
55	24.0	56.9	85.3#



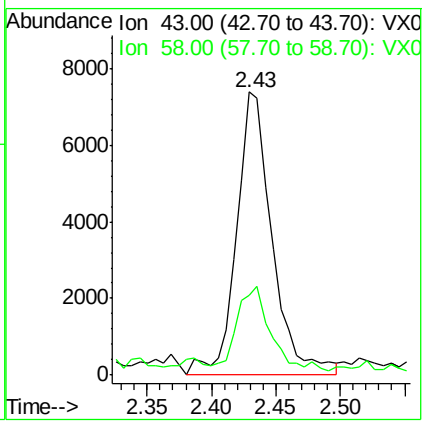


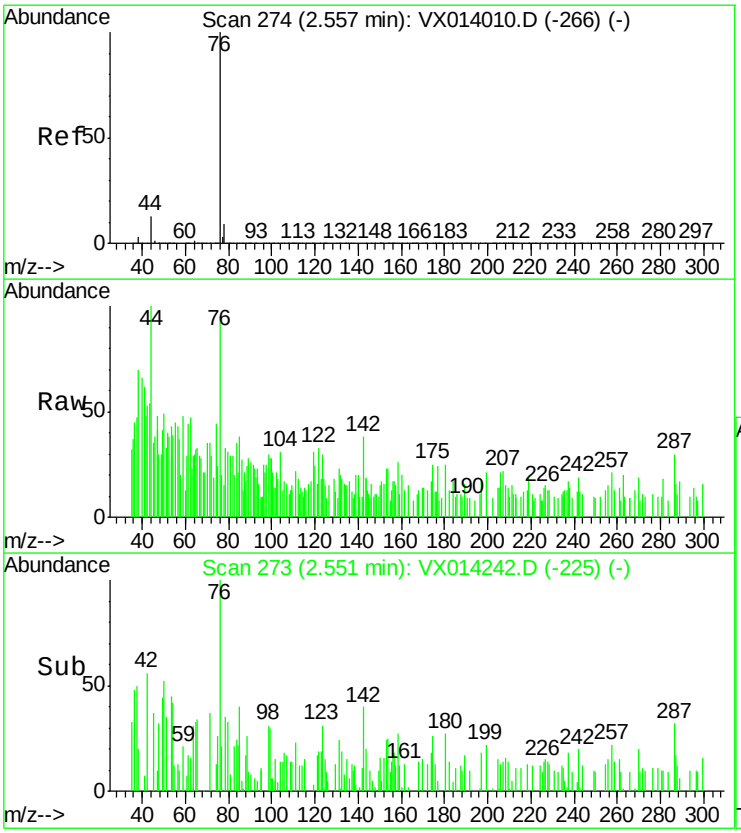
#16
Acetone
Concen: 3.498 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 43 Resp: 14167

Ion	Ratio	Lower	Upper
43	100		
58	23.4	24.9	37.3#

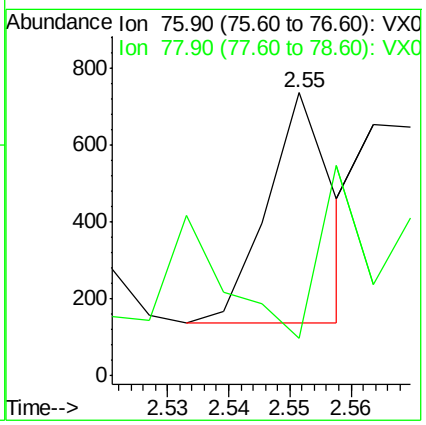


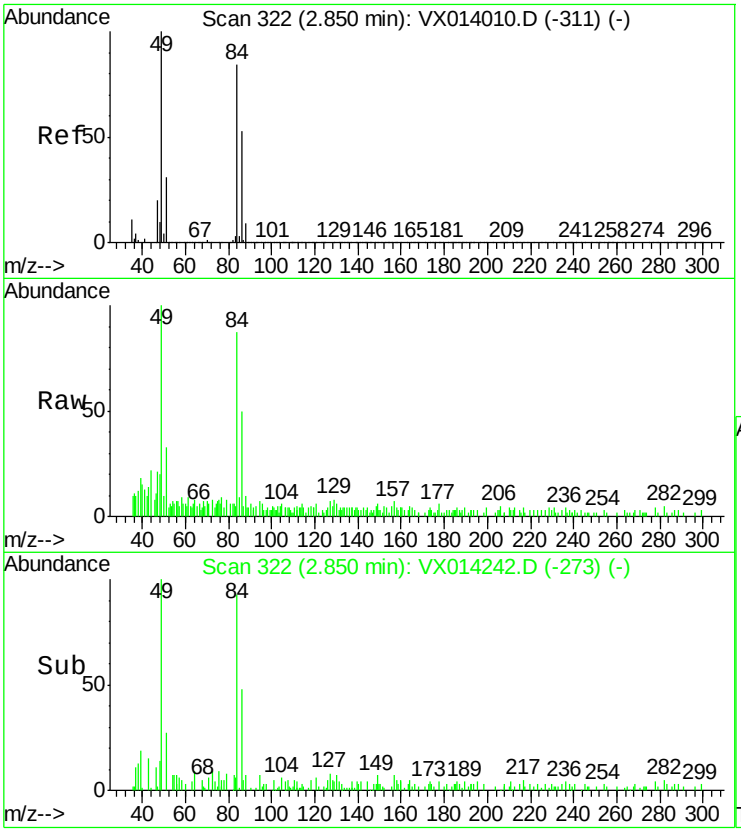


#17
Carbon Disulfide
Concen: 0.780 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 76 Resp: 444

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



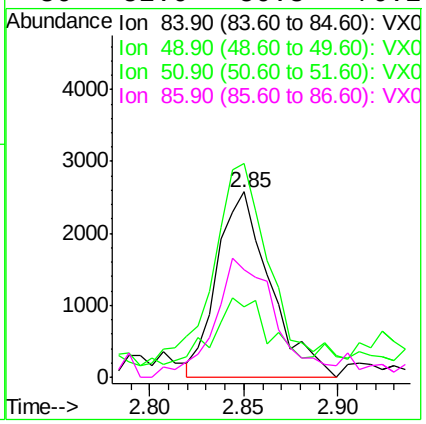


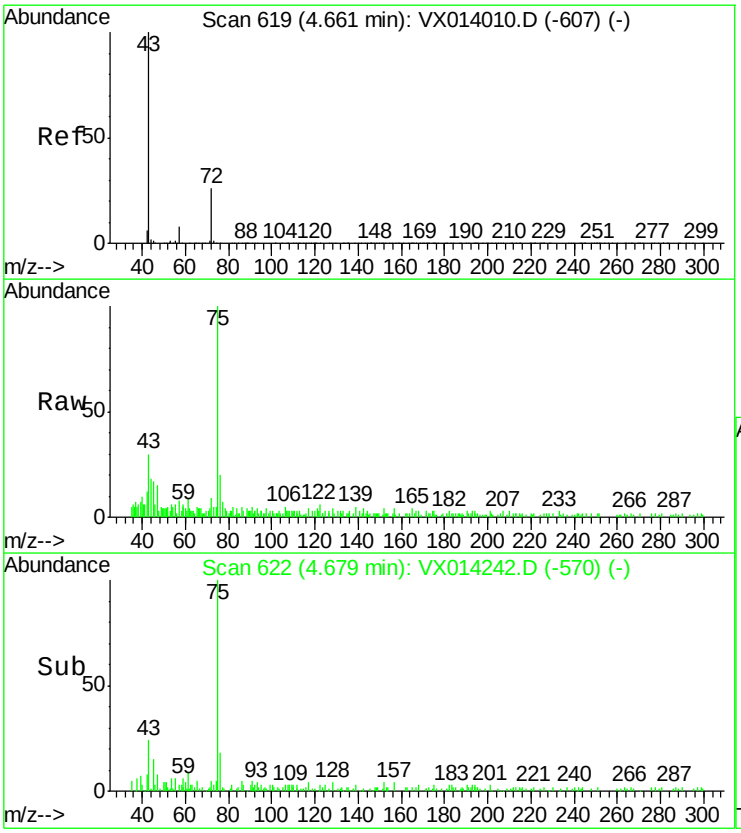
#20
Methylene Chloride
Concen: 0.792 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion: 84 Resp: 5048

Ion	Ratio	Lower	Upper
84	100		
49	103.6	95.8	143.6
51	26.8	29.8	44.8#
86	52.0	50.8	76.2

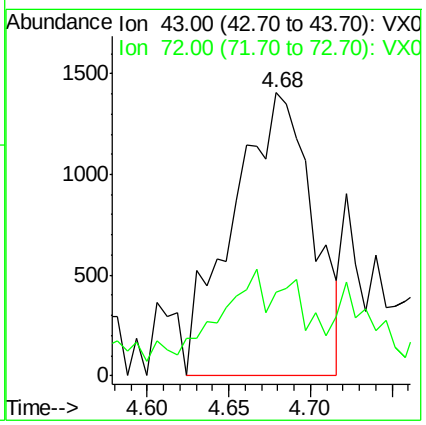


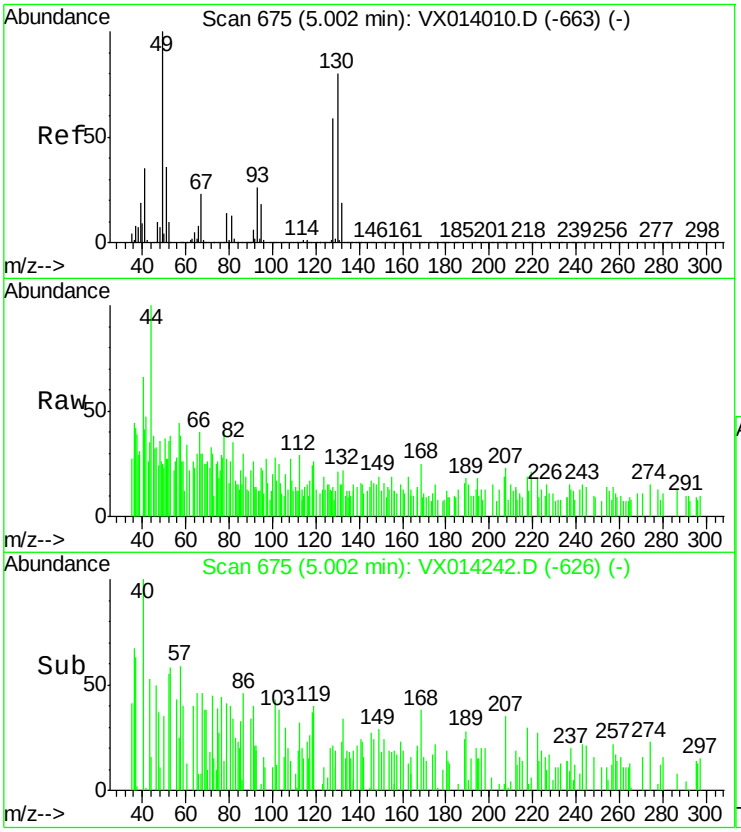


#25
2-Butanone
Concen: 0.957 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 43 Resp: 4777

Ion	Ratio	Lower	Upper
43	100		
72	16.2	21.0	31.4#



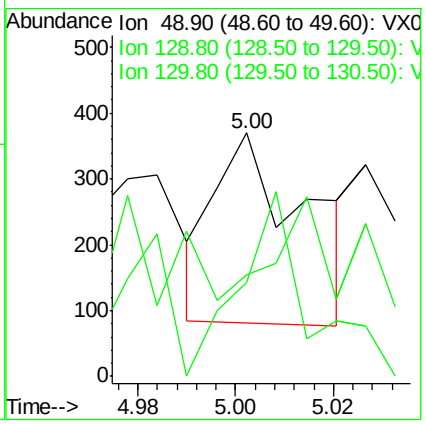


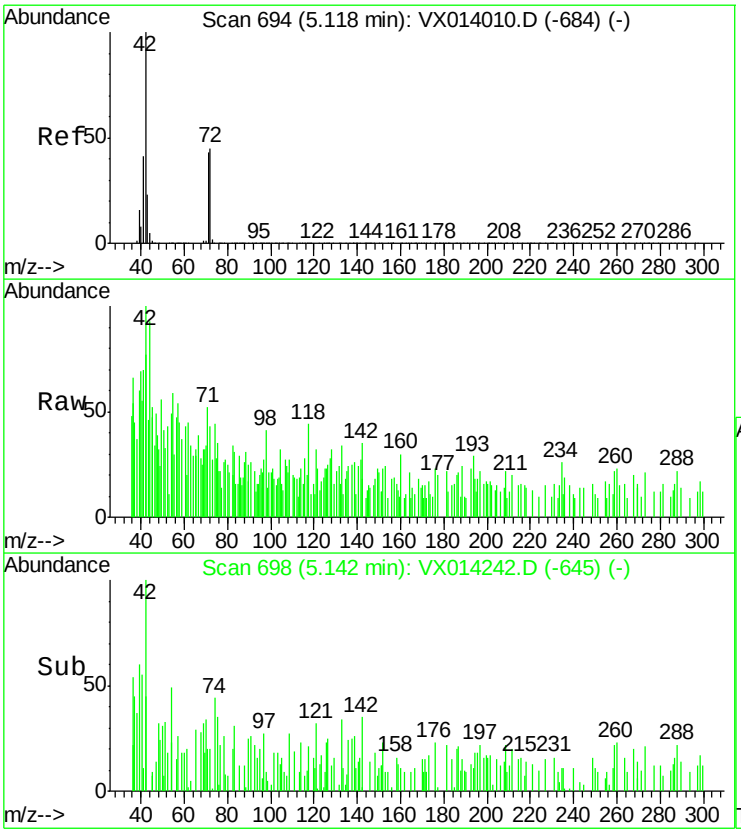
#28
Bromochloromethane
Concen: 0.545 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 49 Resp: 372

Ion	Ratio	Lower	Upper
49	100		
129	72.8	0.0	5.0#
130	113.7	64.6	97.0#

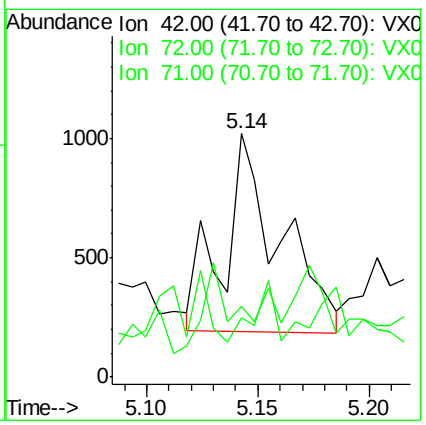


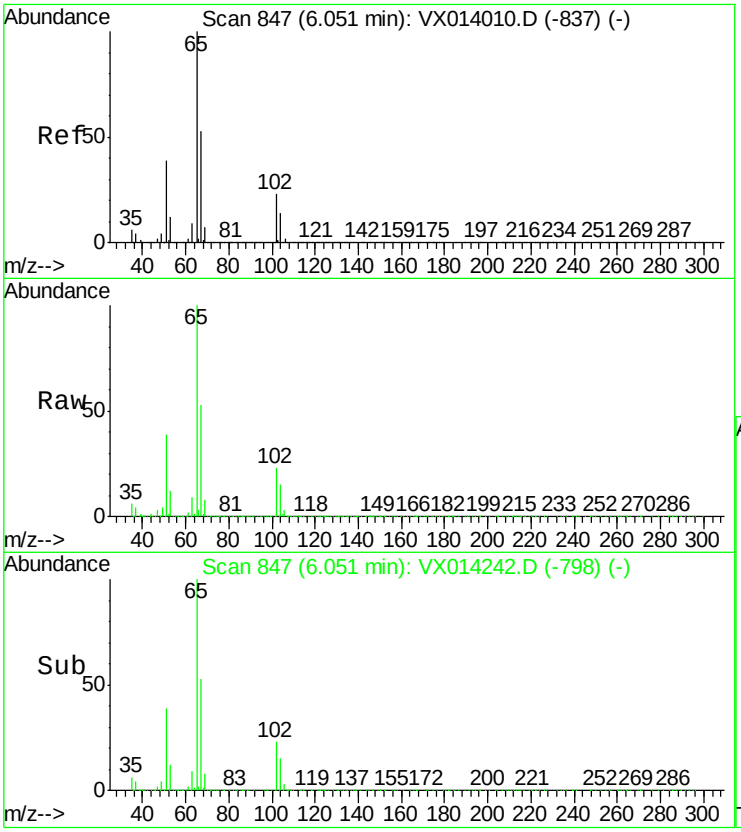


#29
Tetrahydrofuran
Concen: 0.524 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.02 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 42 Resp: 1463

Ion	Ratio	Lower	Upper
42	100		
72	14.1	35.8	53.8#
71	0.0	33.6	50.4#



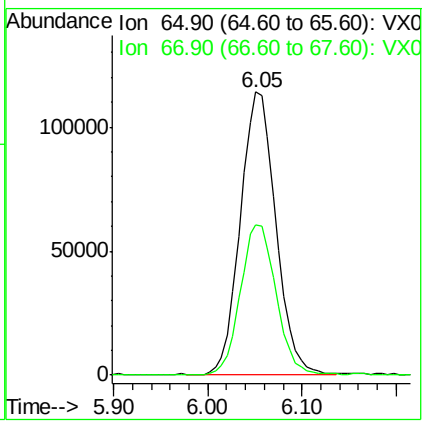


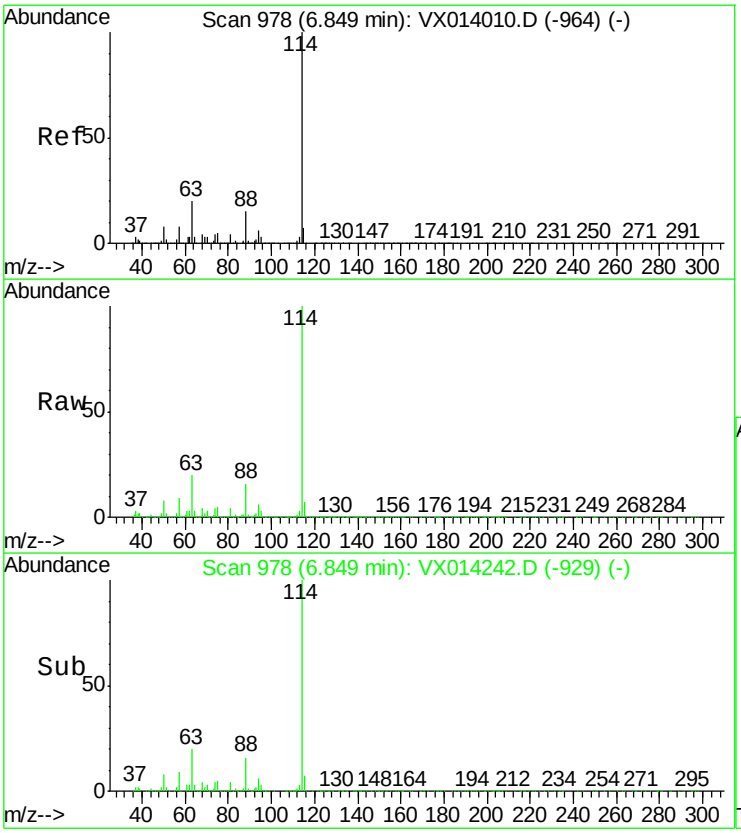
#33
1,2-Dichloroethane-d4
Concen: 48.299 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 65 Resp: 301292

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4

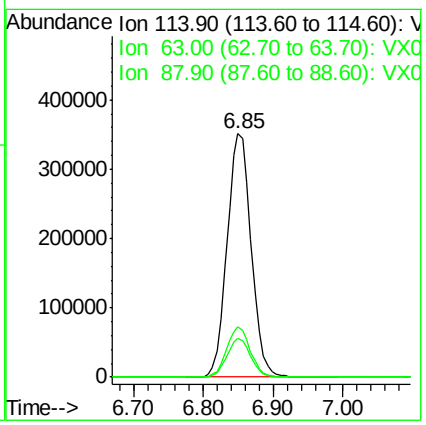


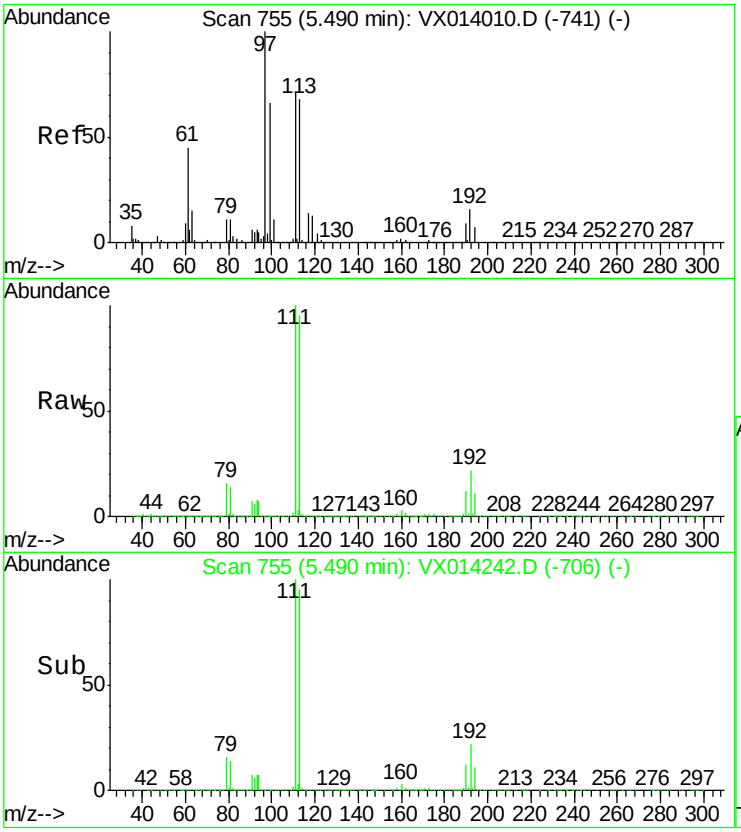


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:114 Resp: 836869

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.1	0.0	30.4



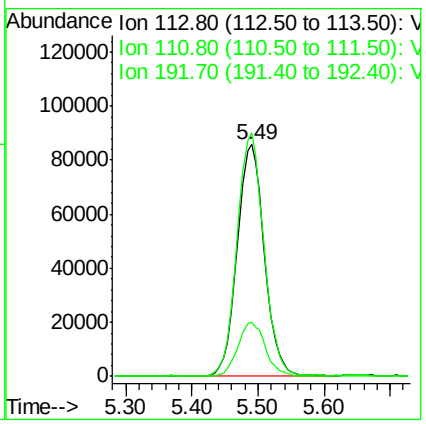


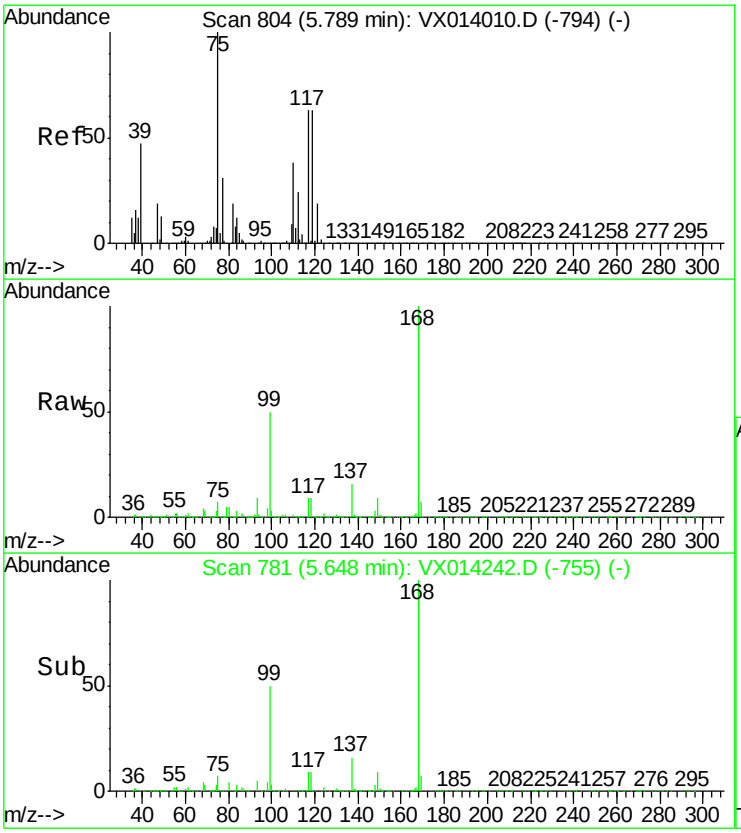
#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion:113 Resp: 246041

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	23.7	19.3	28.9

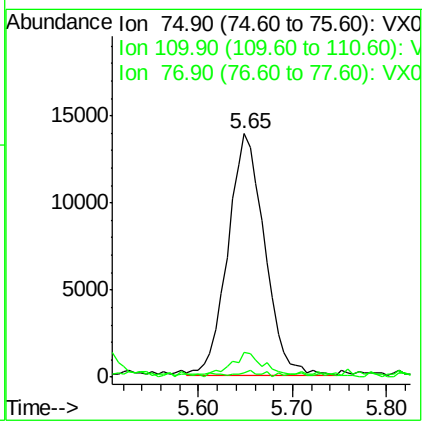


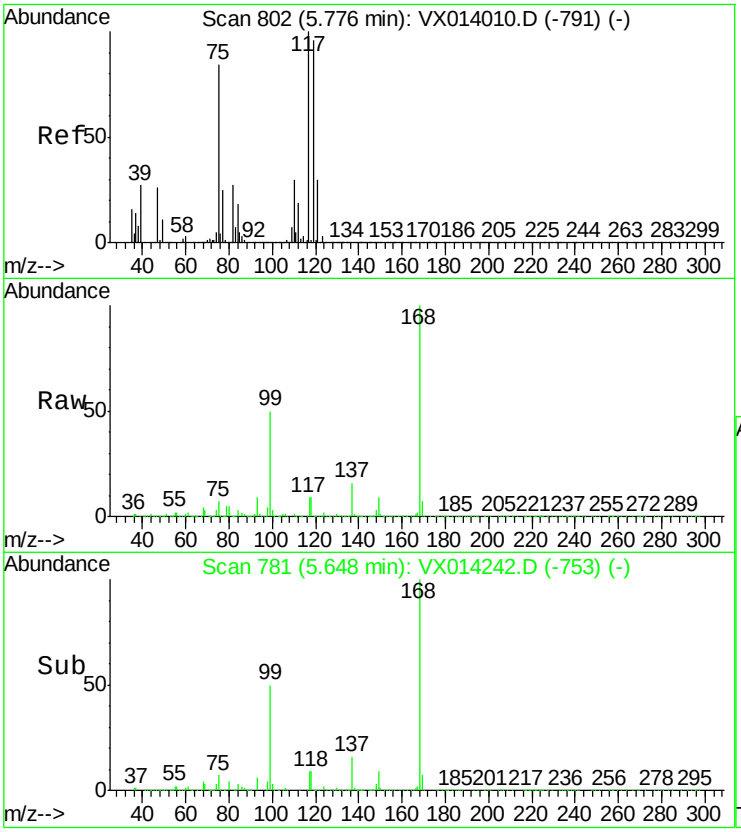


#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 75 Resp: 37437

Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.9#
77	0.7	24.8	37.2#



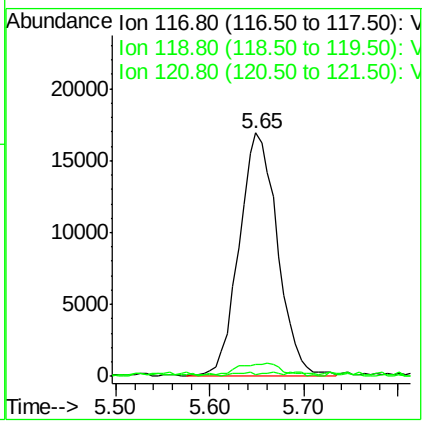


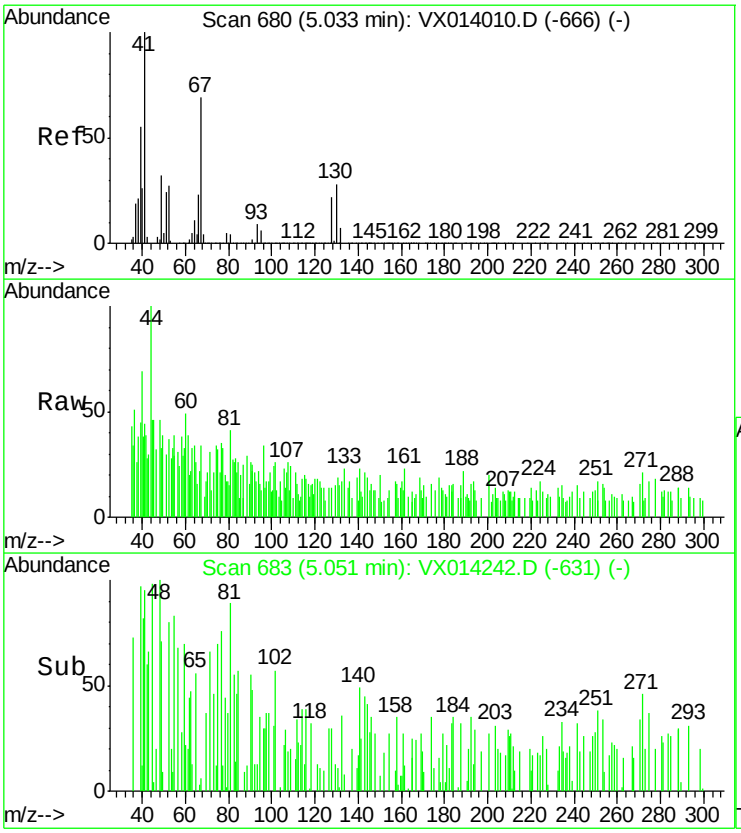
#38
Carbon Tetrachloride
Concen: 6.880 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion:117 Resp: 48129

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.2	114.4#
121	0.3	23.6	35.4#

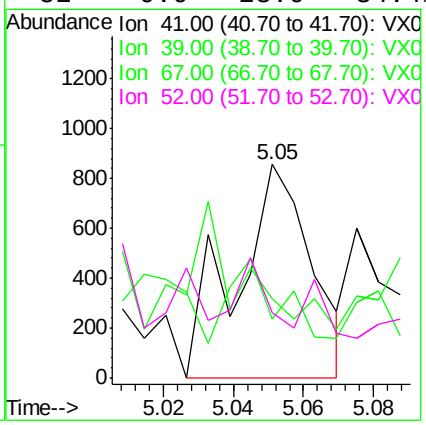


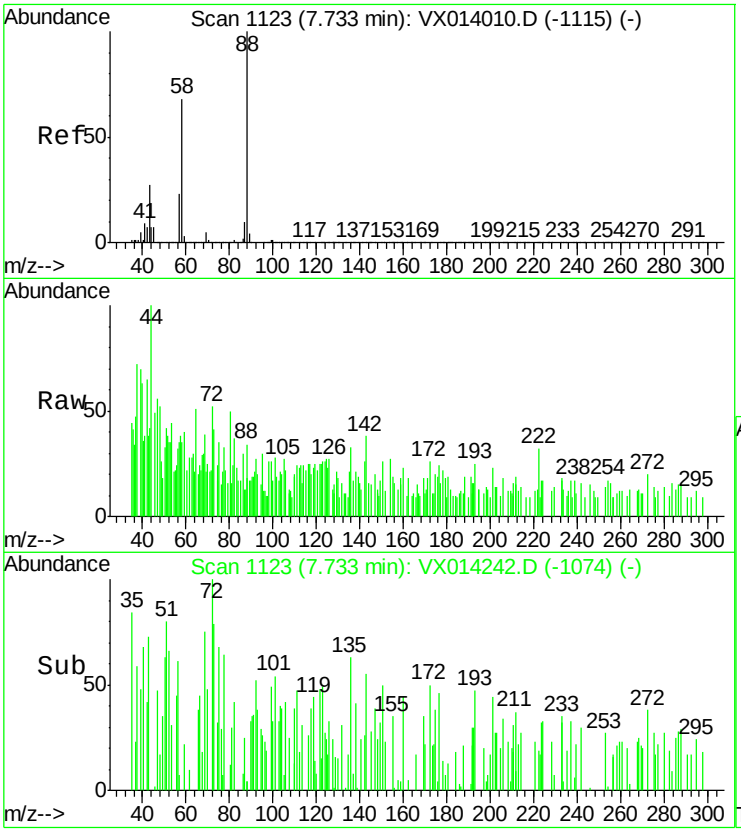


#41
Methacrylonitrile
Concen: 0.270 ug/l
RT: 5.05 min Scan# 683
Delta R.T. 0.02 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 41 Resp: 1269

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.5	66.7#
67	27.0	57.4	86.0#
52	0.0	23.0	34.4#



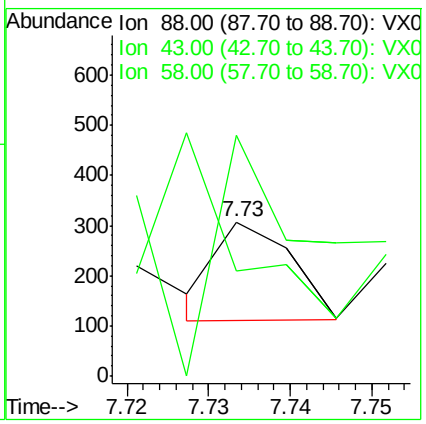


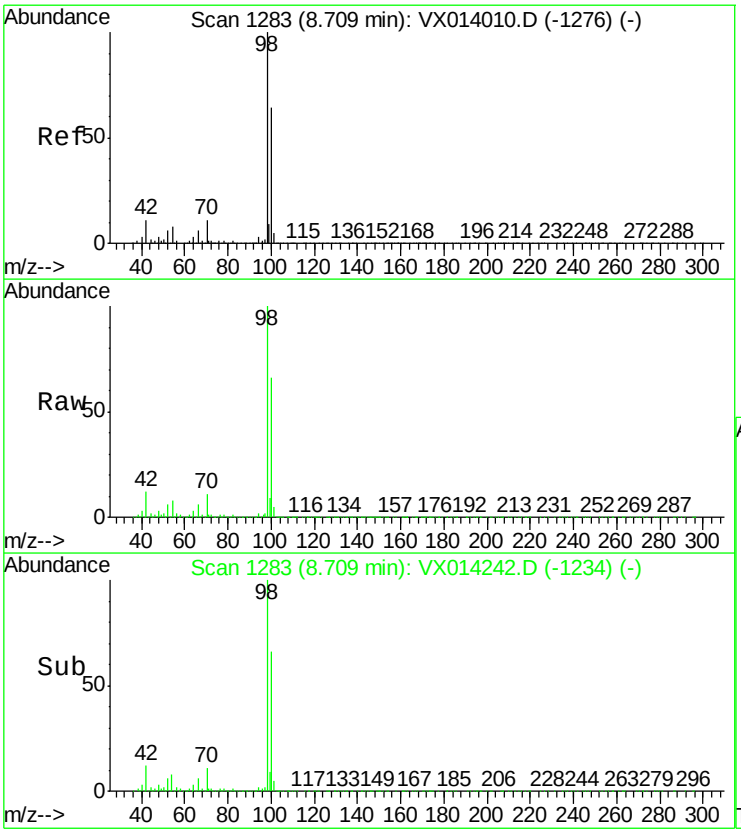
#49
1,4-Dioxane
Concen: 0.901 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 88 Resp: 126

Ion	Ratio	Lower	Upper
88	100		
43	295.2	26.5	39.7#
58	238.1	56.8	85.2#

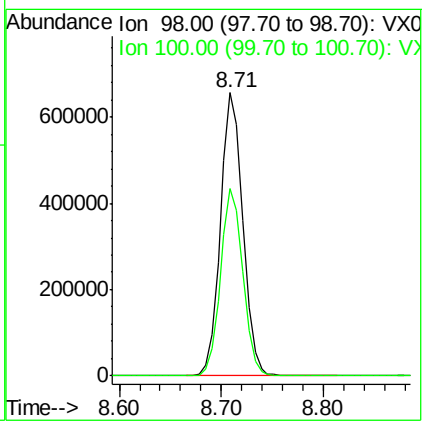


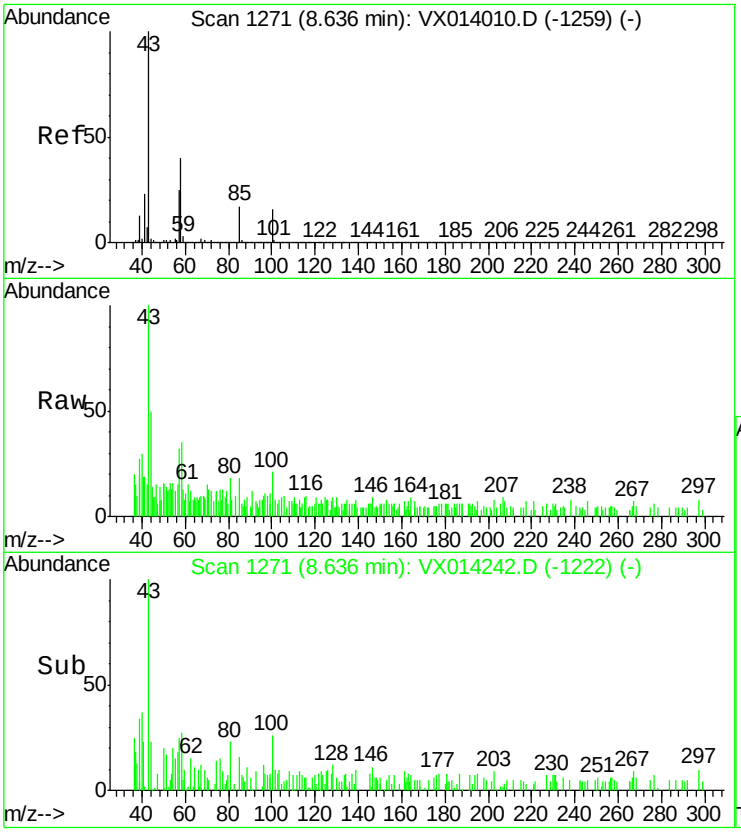


#50
Toluene-d8
Concen: 50.435 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 98 Resp: 998918

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3



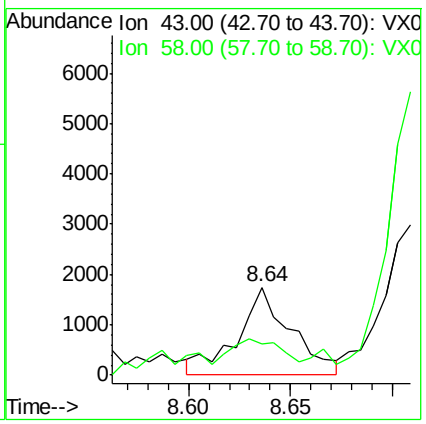


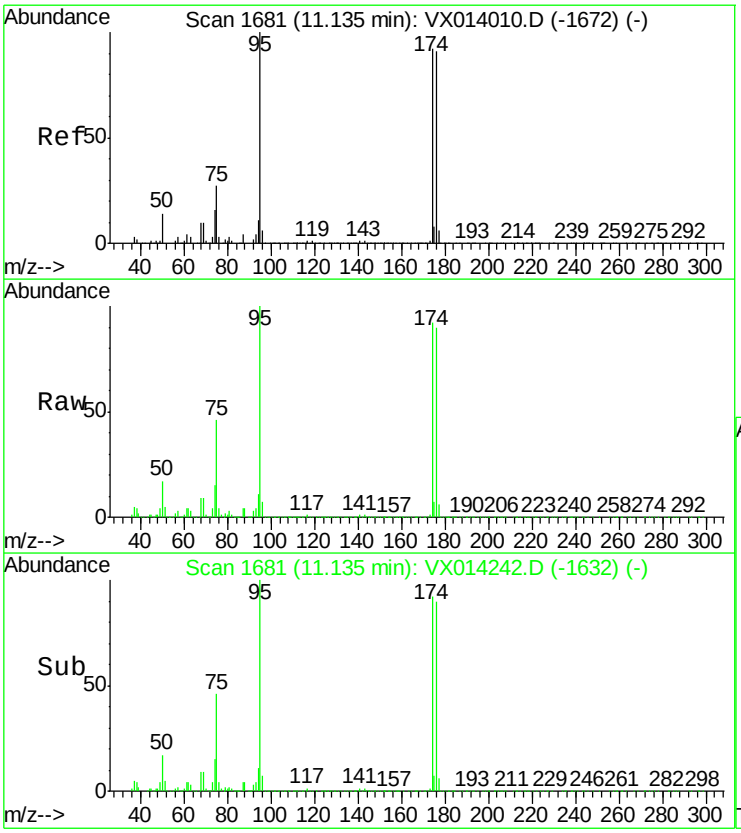
#51
4-Methyl-2-Pentanone
Concen: 0.363 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 43 Resp: 3195

Ion	Ratio	Lower	Upper
43	100		
58	25.2	32.2	48.2#

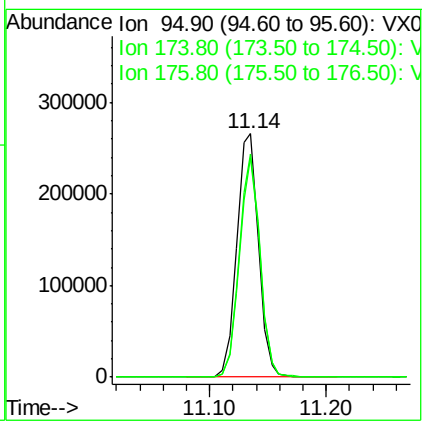


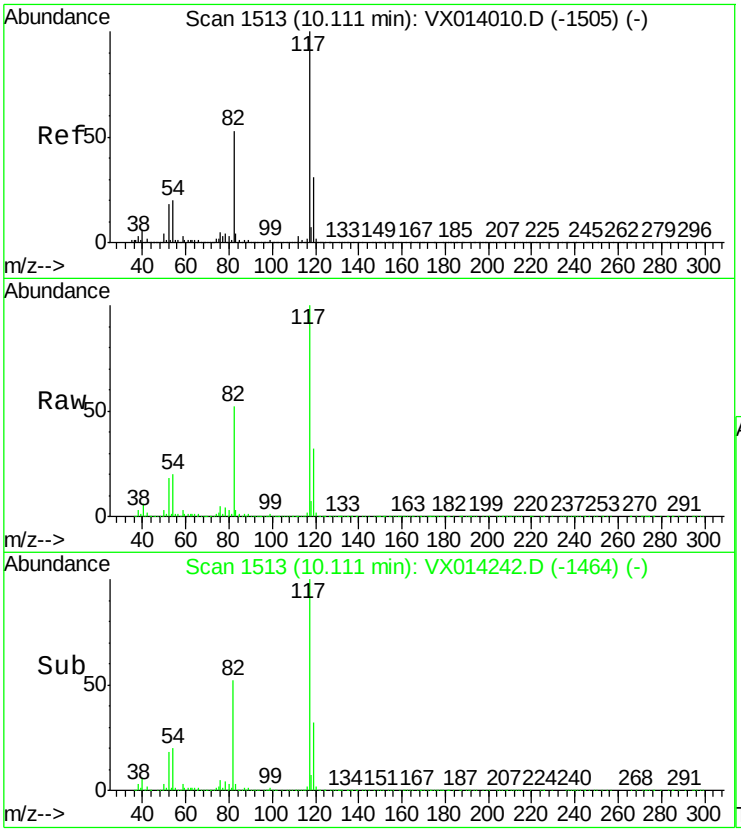


#62
4-Bromofluorobenzene
Concen: 47.708 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 95 Resp: 345400

Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	175.8
176	85.1	0.0	173.0



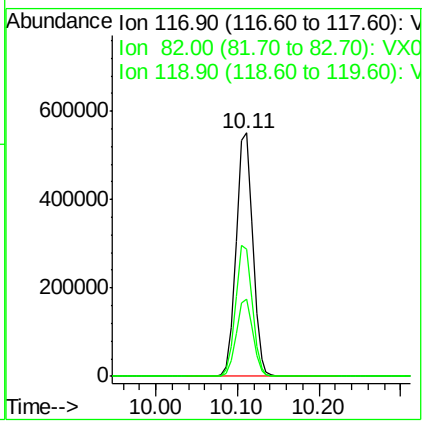


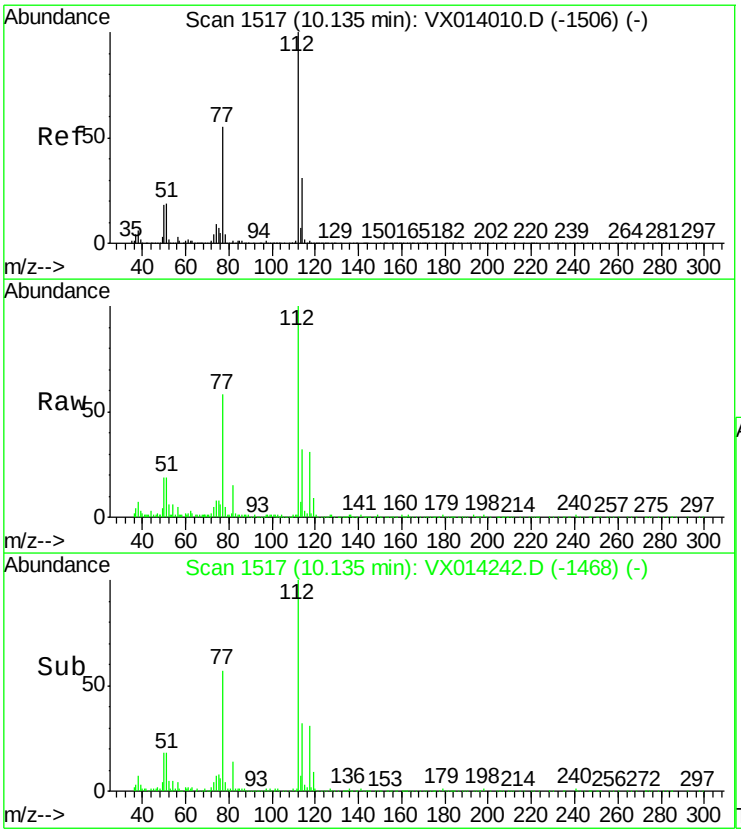
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion:117 Resp: 761042

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.4
119	31.5	25.1	37.7

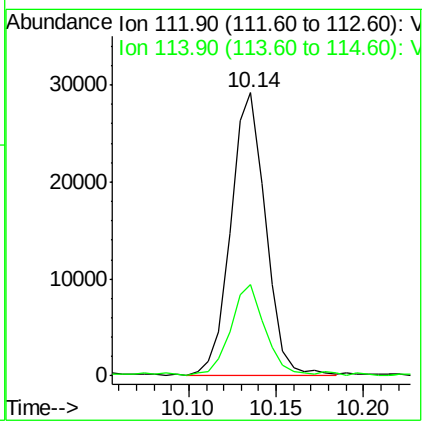


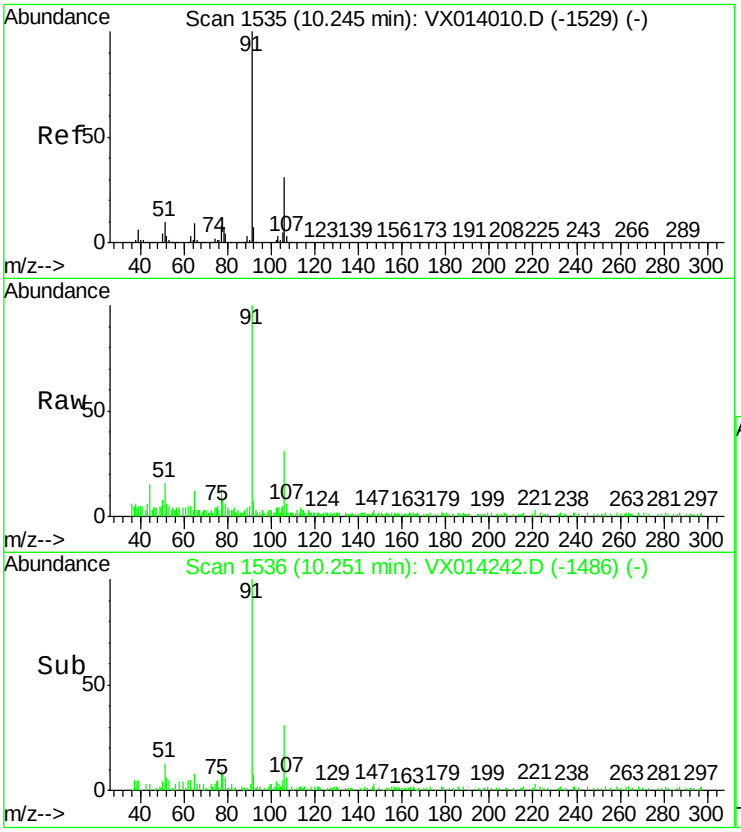


#65
Chlorobenzene
Concen: 2.508 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:112 Resp: 40583

Ion	Ratio	Lower	Upper
112	100		
114	32.2	24.9	37.3



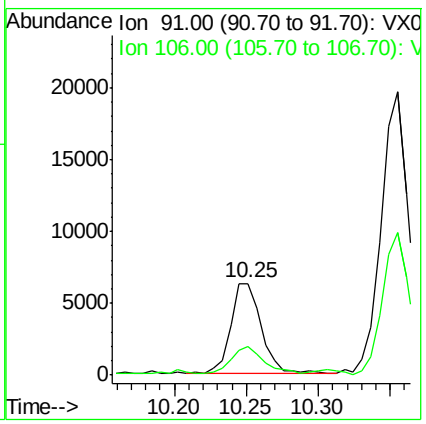


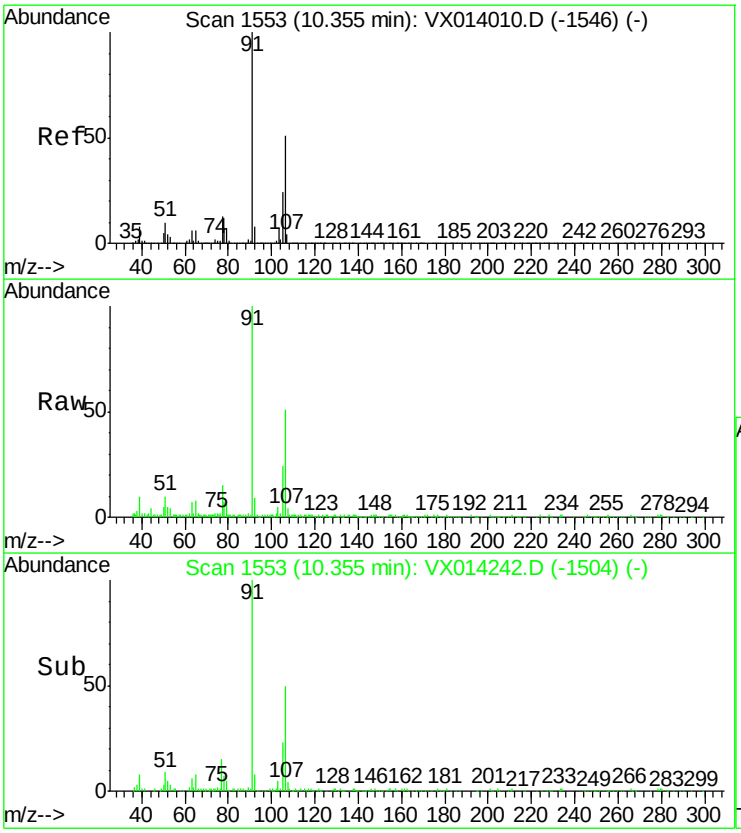
#67
Ethyl Benzene
Concen: 0.330 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument : MSVOA_X
ClientSampleId : C0B40

Tgt Ion: 91 Resp: 9169

Ion	Ratio	Lower	Upper
91	100		
106	27.6	25.0	37.6

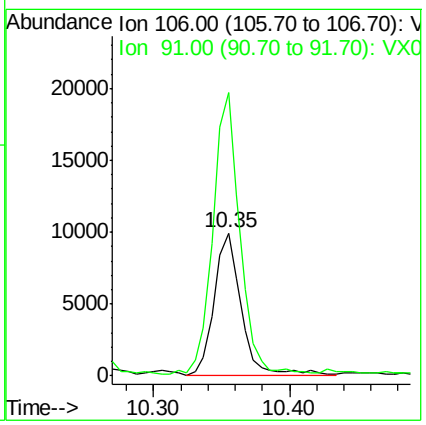


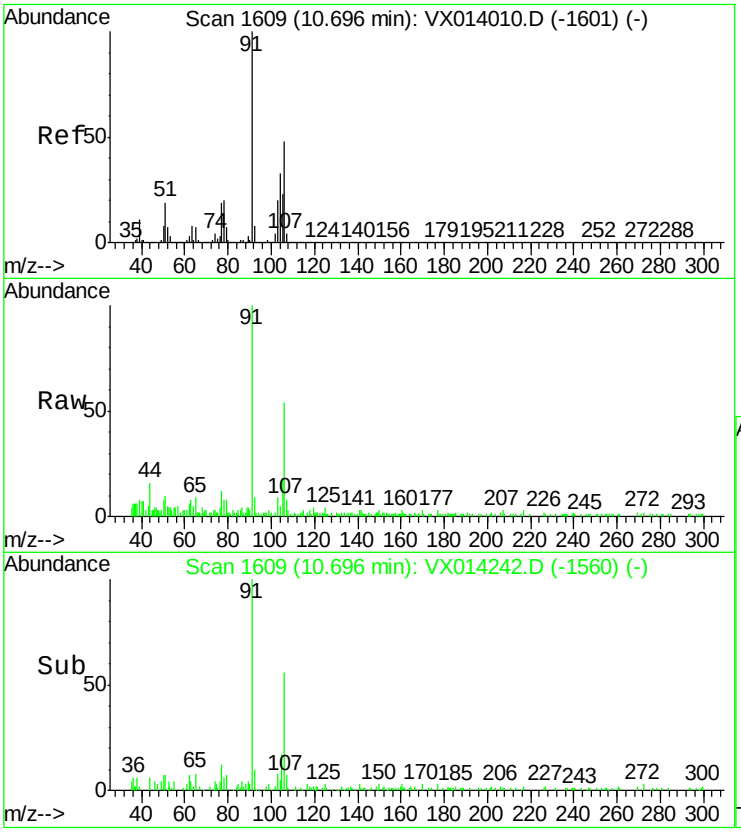


#68
m/p-Xylenes
Concen: 1.266 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:106 Resp: 13545

Ion	Ratio	Lower	Upper
106	100		
91	196.6	158.6	238.0



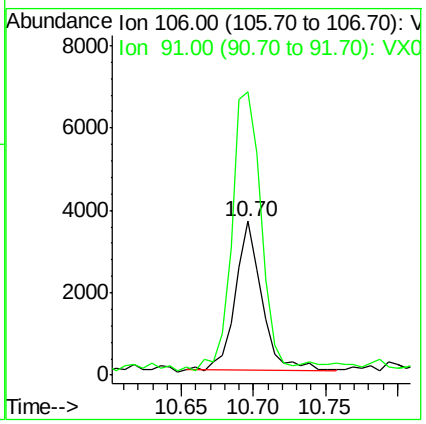


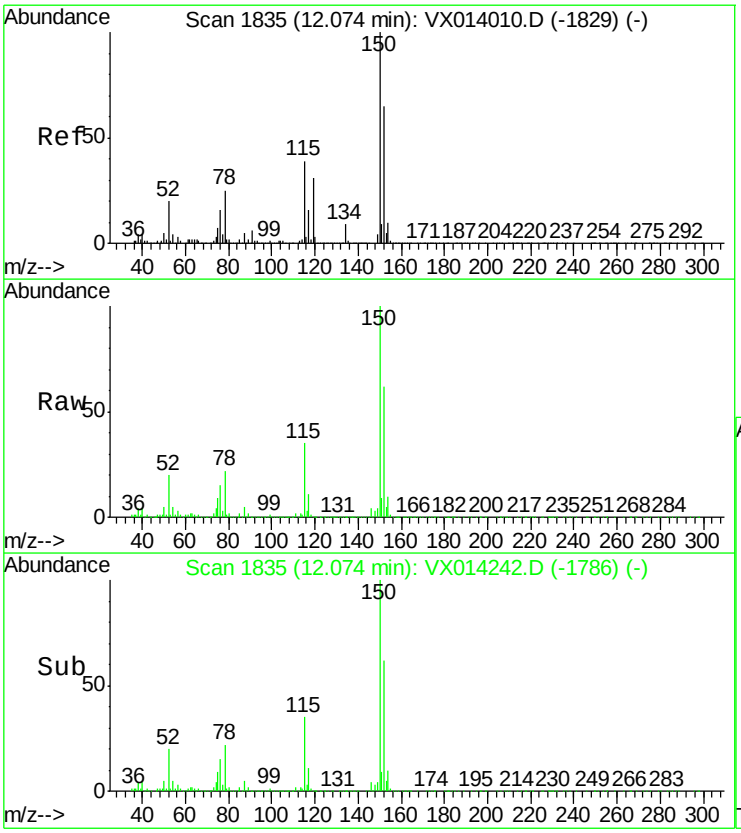
#69
o-Xylene
Concen: 0.439 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion:106 Resp: 4602

Ion	Ratio	Lower	Upper
106	100		
91	207.2	104.2	312.6

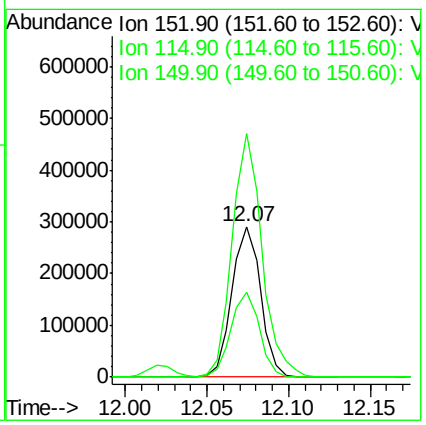


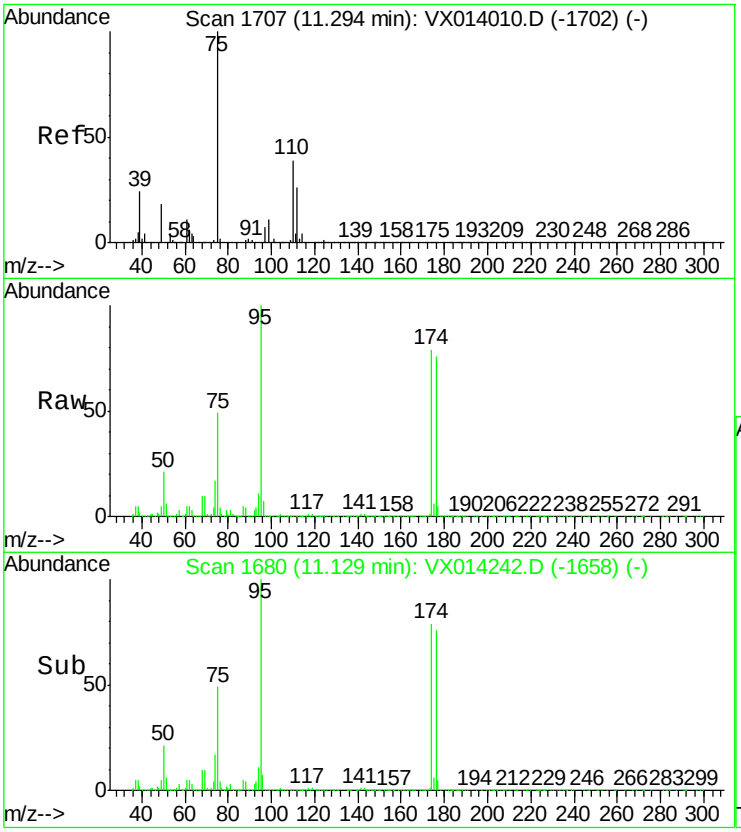


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:152 Resp: 355612

Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.3	114.9
150	168.4	0.0	345.4



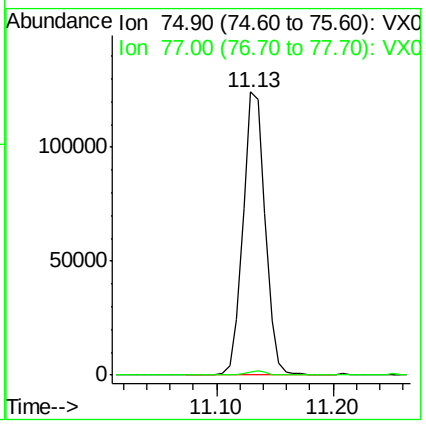


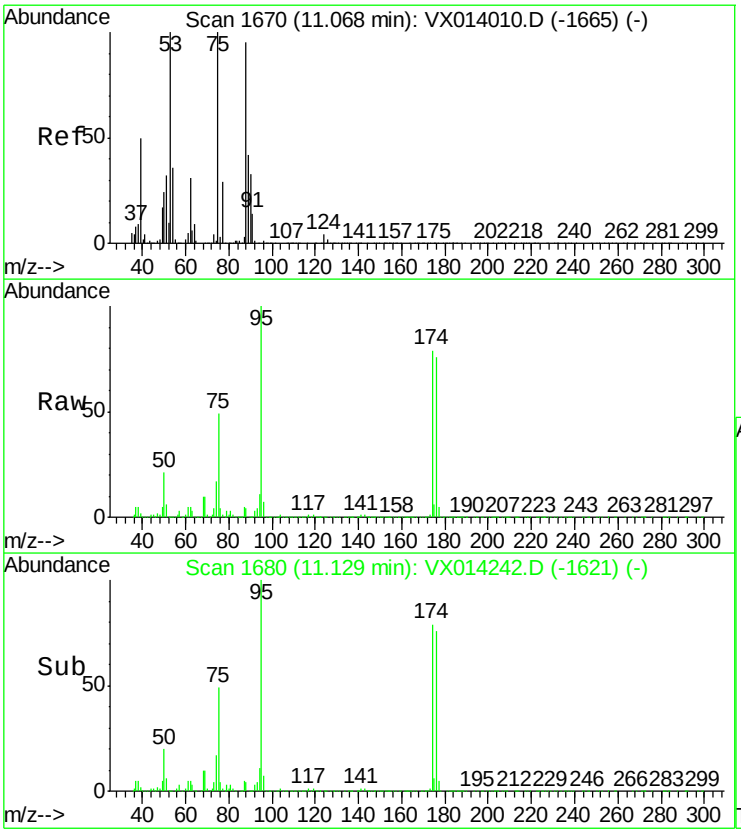
#76
1,2,3-Trichloropropane
Concen: 21.381 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion: 75 Resp: 165064

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.3	57.8#

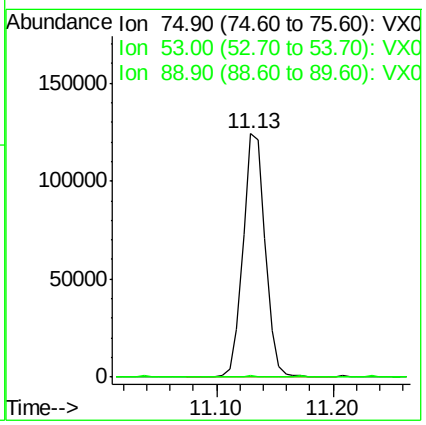


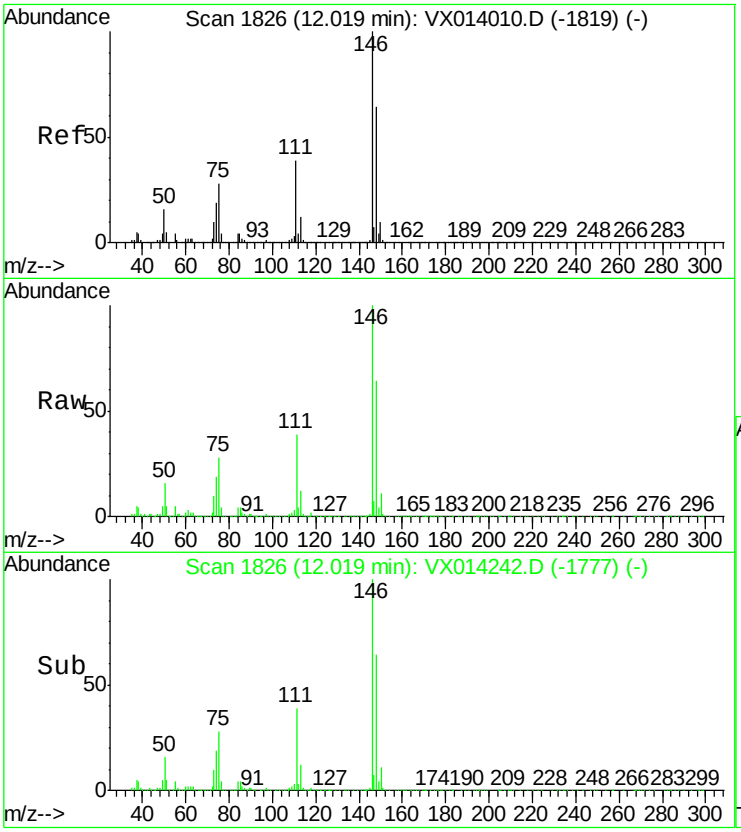


#81
trans-1,4-Dichloro-2-butene
Concen: 60.347 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion: 75 Resp: 165064

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	34.6	51.8#



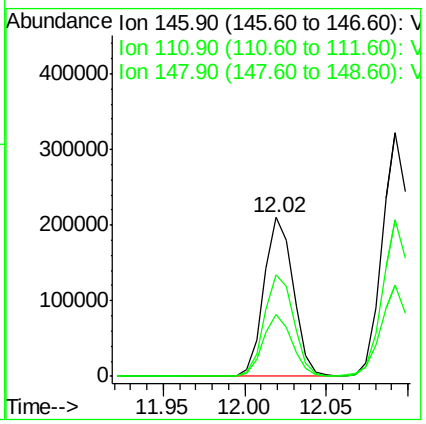


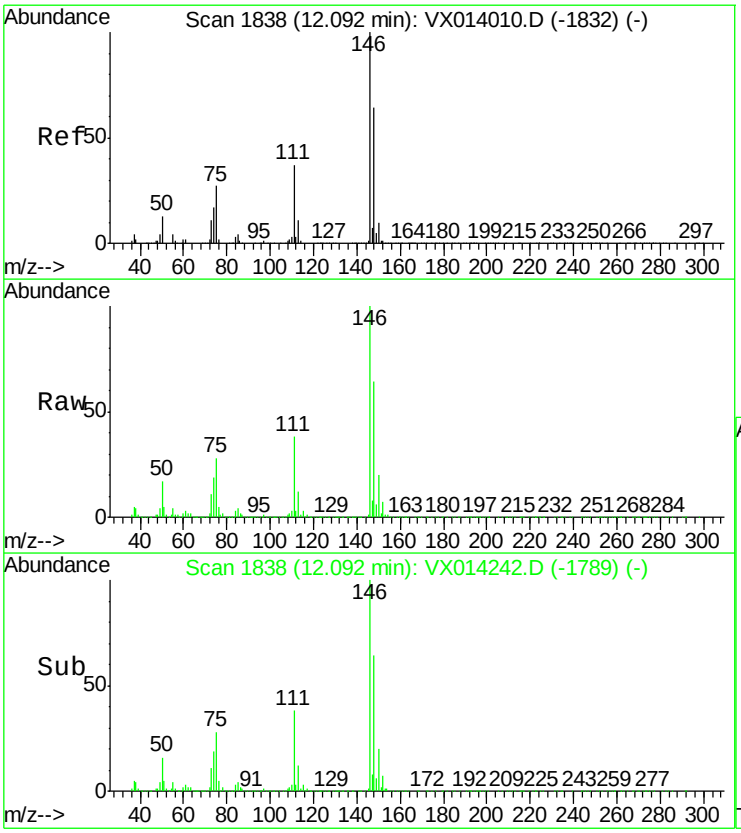
#87
1,3-Dichlorobenzene
Concen: 21.717 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion:146 Resp: 262192

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.0	32.3	96.9

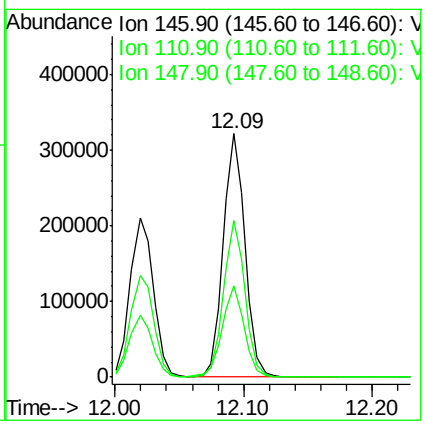


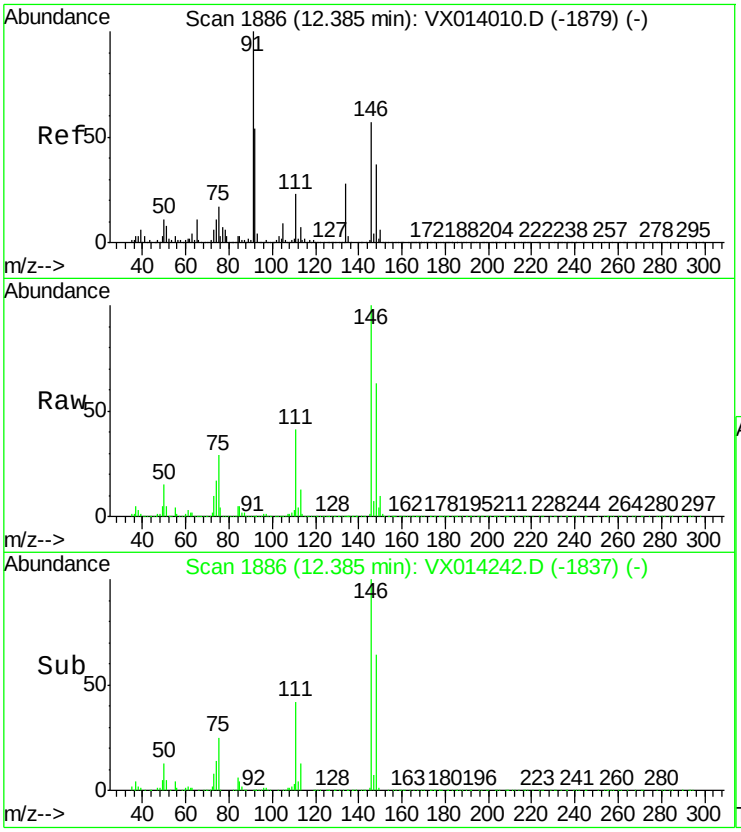


#88
1,4-Dichlorobenzene
Concen: 31.114 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:146 Resp: 381967

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.7	56.1
148	63.5	31.9	95.9



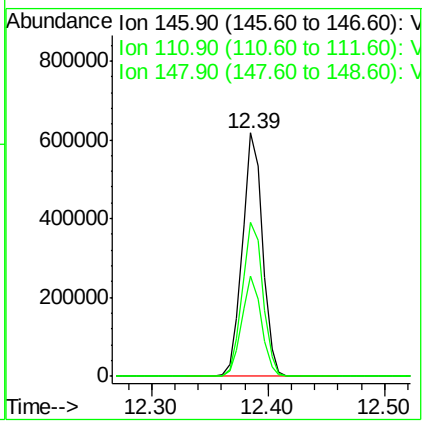


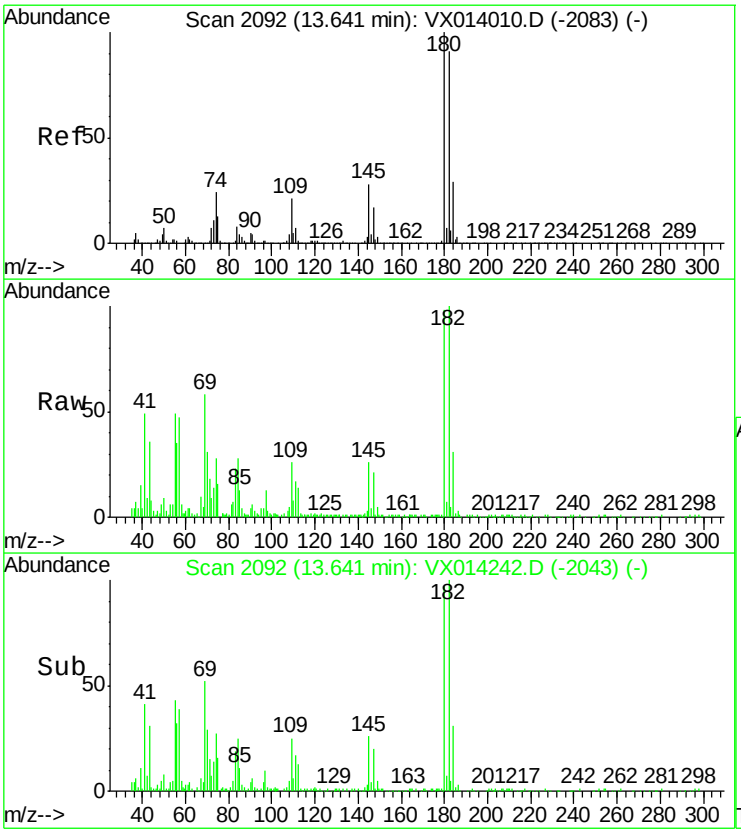
#91
1,2-Dichlorobenzene
Concen: 61.974 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion:146 Resp: 753222

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	64.6	32.1	96.5

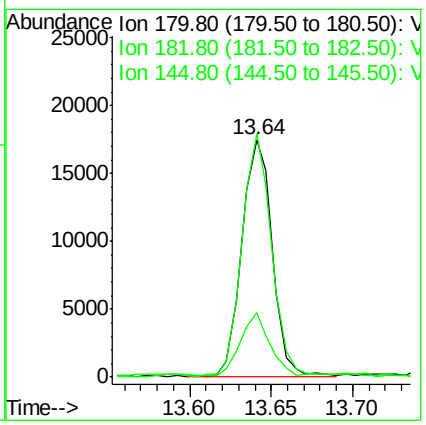


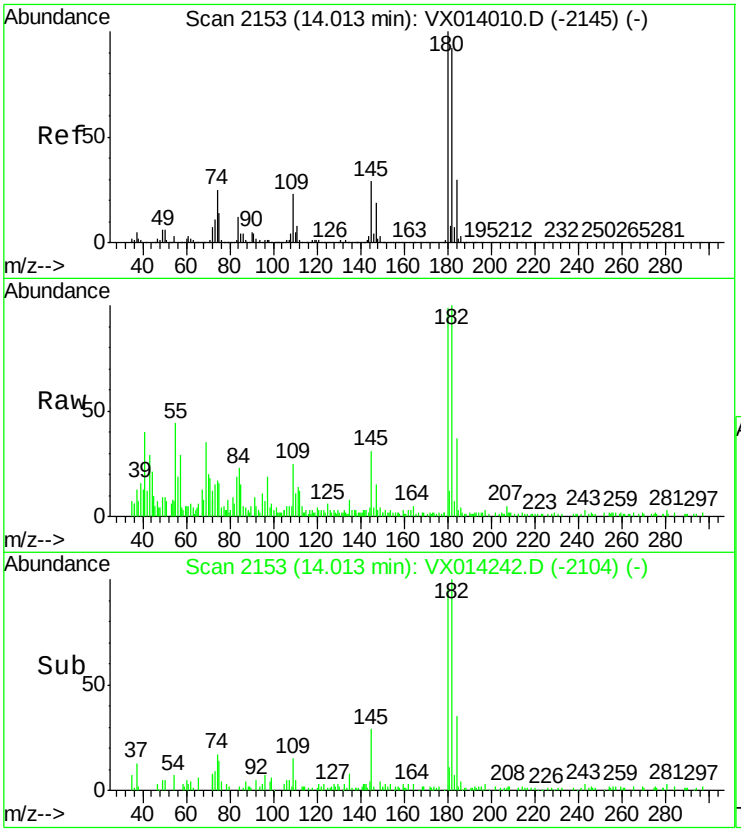


#93
1,2,4-Trichlorobenzene
Concen: 2.904 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Tgt Ion:180 Resp: 22942

Ion	Ratio	Lower	Upper
180	100		
182	99.8	46.6	139.8
145	24.8	14.2	42.6





#96
1,2,3-Trichlorobenzene
Concen: 0.977 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014242.D
Acq: 24 Dec 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
C0B40

Tgt Ion:180 Resp: 7617

Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.8	140.3
145	34.5	14.8	44.4