Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX0137882.D
Acq On : 10 Dec 2019 04:14
Operator : JC/SP
Sample : K6186-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 10 06:05:54 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	607270	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	930370	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	831515	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	368849	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	338977	48.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.18%				
35) Dibromofluoromethane	5.49	113	280175	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
50) Toluene-d8	8.71	98	1095547	48.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.78%				
62) 4-Bromofluorobenzene	11.14	95	362992	44.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.84%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.01	59	163879	94.187	ug/l	#	79
13) Acrolein	2.27	56	427	6.362	ug/l		94
16) Acetone	2.44	43	26563	7.633	ug/l		97
18) Methyl Acetate	2.76	43	3996	0.412	ug/l		91
19) Methyl tert-butyl Ether	3.19	73	6537	0.341	ug/l	#	82
20) Methylene Chloride	2.85	84	4623	0.691	ug/l	#	78
24) 1,1-Dichloroethane	3.69	63	2408	0.218	ug/l	#	68
25) 2-Butanone	4.67	43	9476	1.832	ug/l	#	60
27) cis-1,2-Dichloroethene	4.59	96	54850	7.586	ug/l		90
29) Tetrahydrofuran	5.14	42	15241	4.780	ug/l	#	91
36) 1,1-Dichloropropene	5.65	75	41903	4.962	ug/l	#	50
38) Carbon Tetrachloride	5.65	117	54159	6.955	ug/l	#	16
43) Isopropyl Acetate	6.44	43	13159	0.844	ug/l	#	89
44) Trichloroethene	7.22	130	1449	0.205	ug/l		13
49) 1,4-Dioxane	7.74	88	445	2.623	ug/l	#	56
51) 4-Methyl-2-Pentanone	8.61	43	7497	0.764	ug/l	#	44
76) 1,2,3-Trichloropropane	11.14	75	180881	21.803	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	180881	59.650	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	13.18	75	418	0.214	ug/l		67

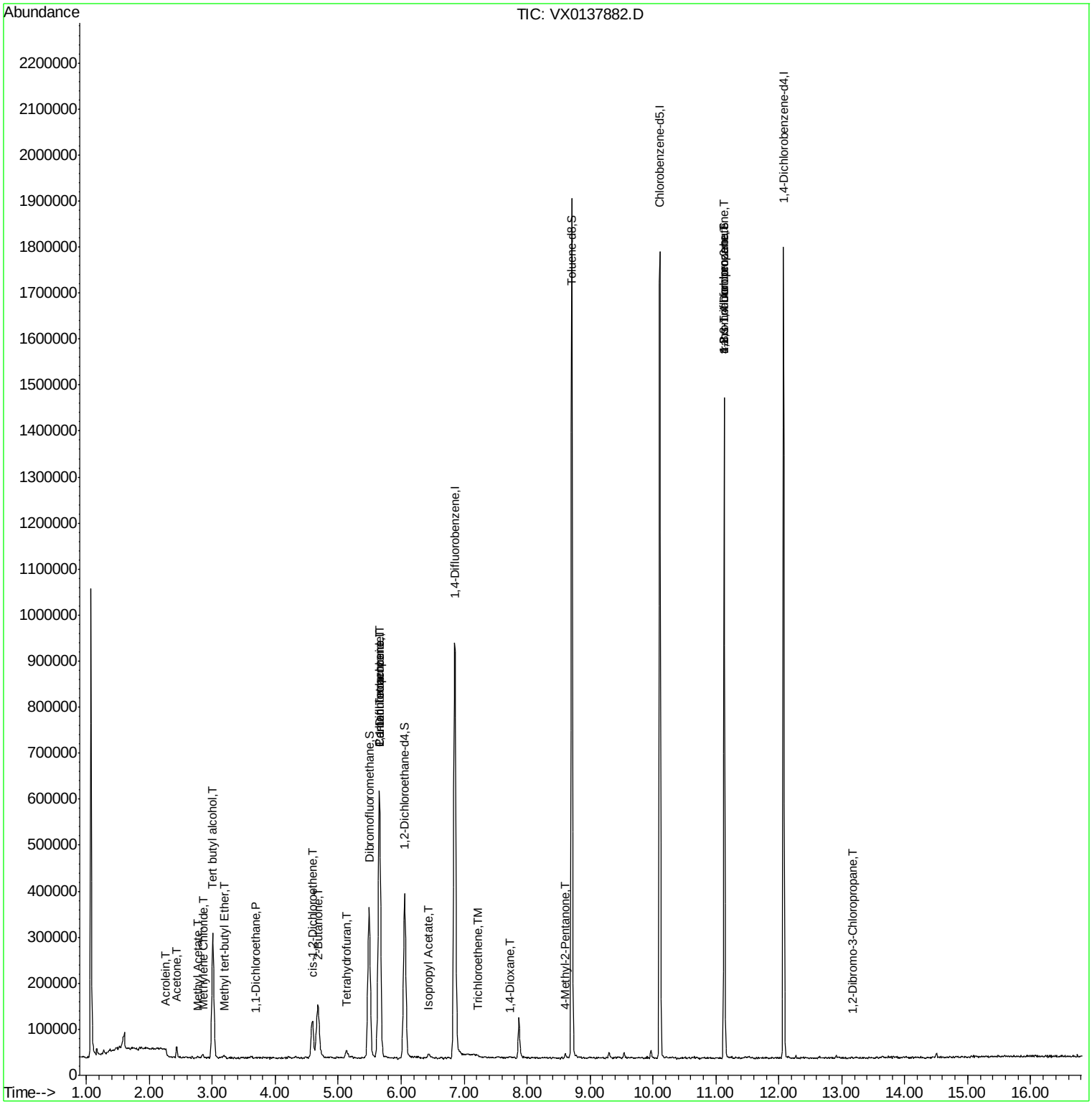
(#) = qualifier out of range (m) = manual integration (+) = signals summed

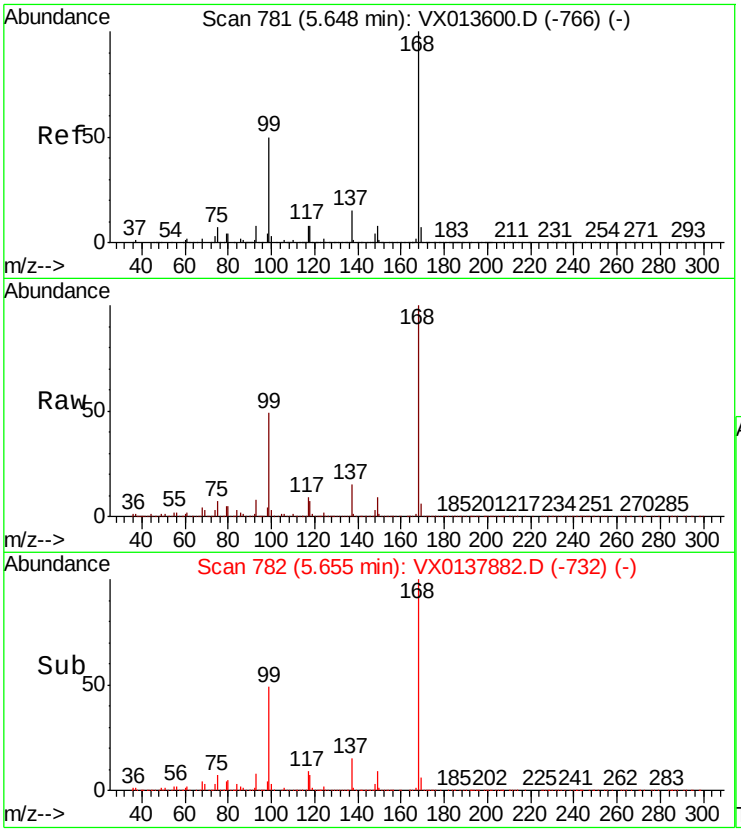
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX0137882.D
Acq On : 10 Dec 2019 04:14
Operator : JC/SP
Sample : K6186-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 06:05:54 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



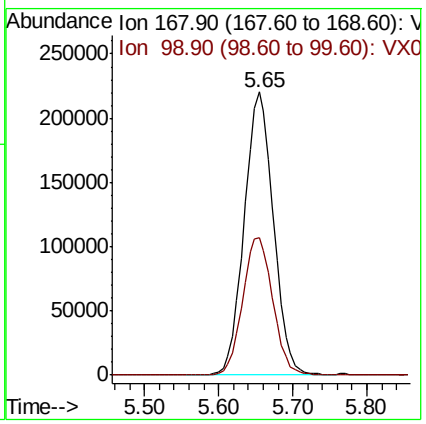


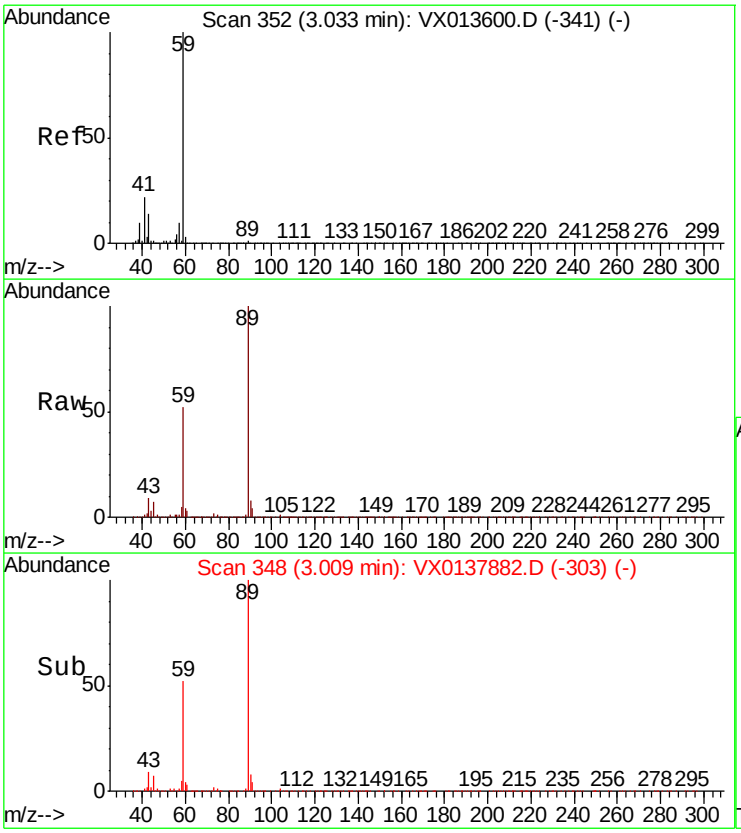
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 607270

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.8	59.8

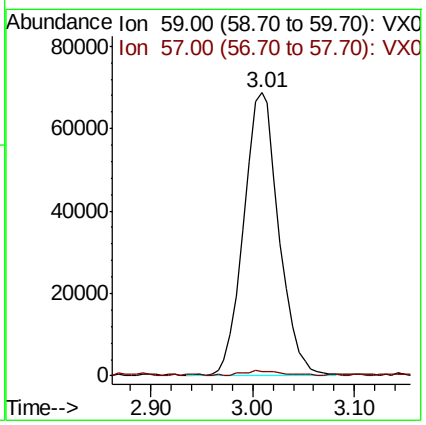


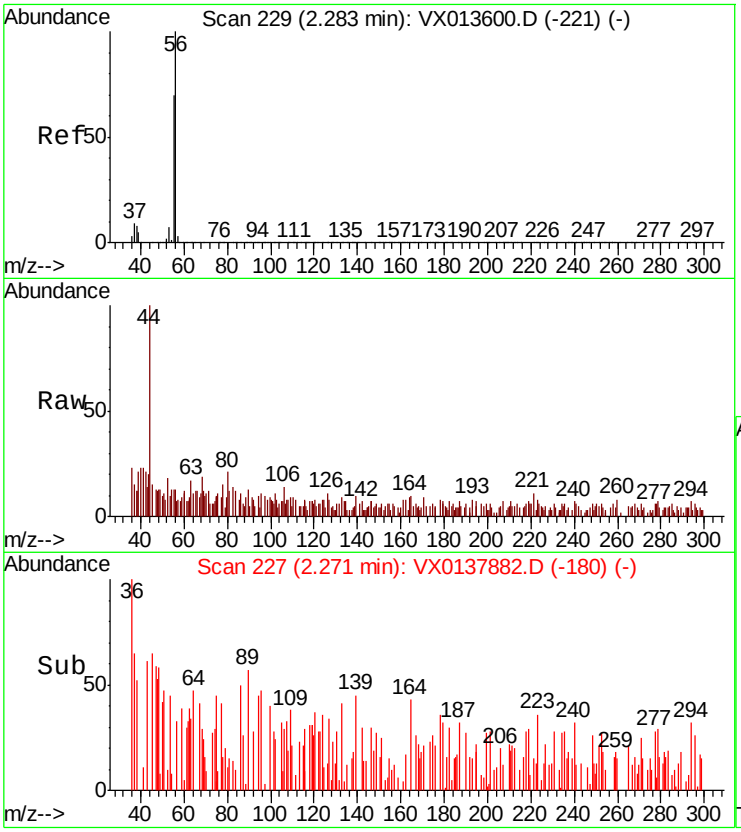


#11
Tert butyl alcohol
Concen: 94.187 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 59 Resp: 163879

Ion	Ratio	Lower	Upper
59	100		
57	1.9	7.8	11.6#



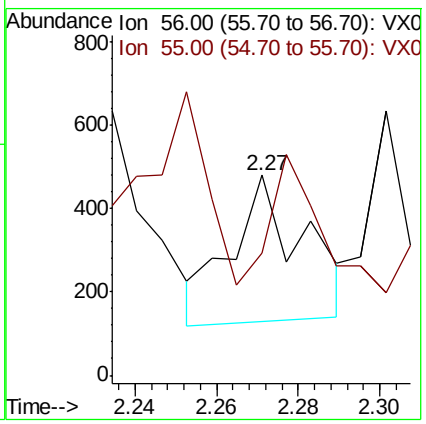


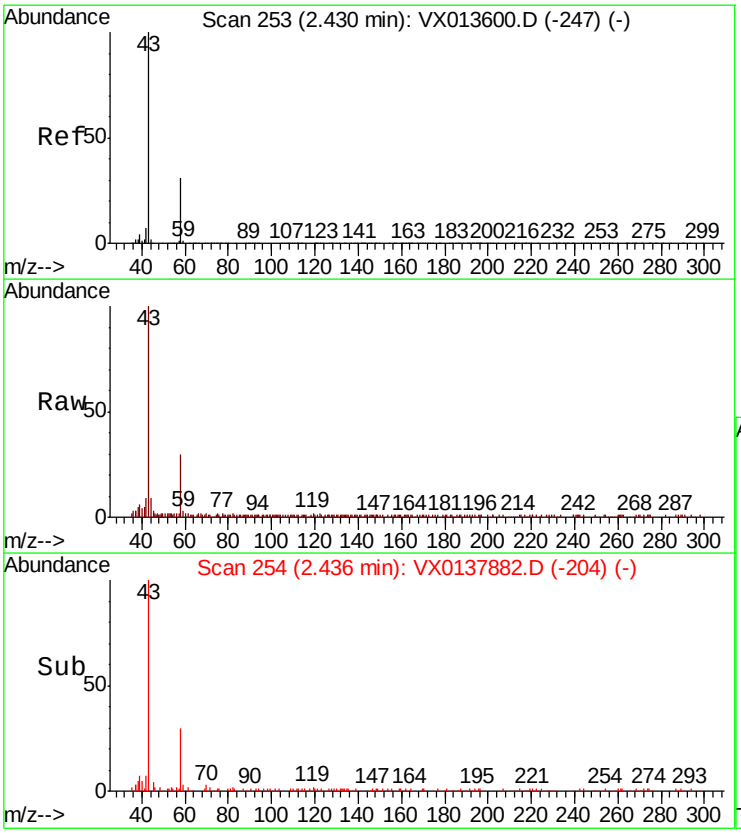
#13
Acrolein
Concen: 6.362 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 427

Ion	Ratio	Lower	Upper
56	100		
55	65.1	56.2	84.4

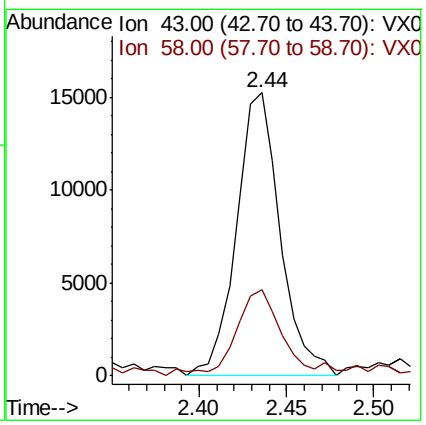


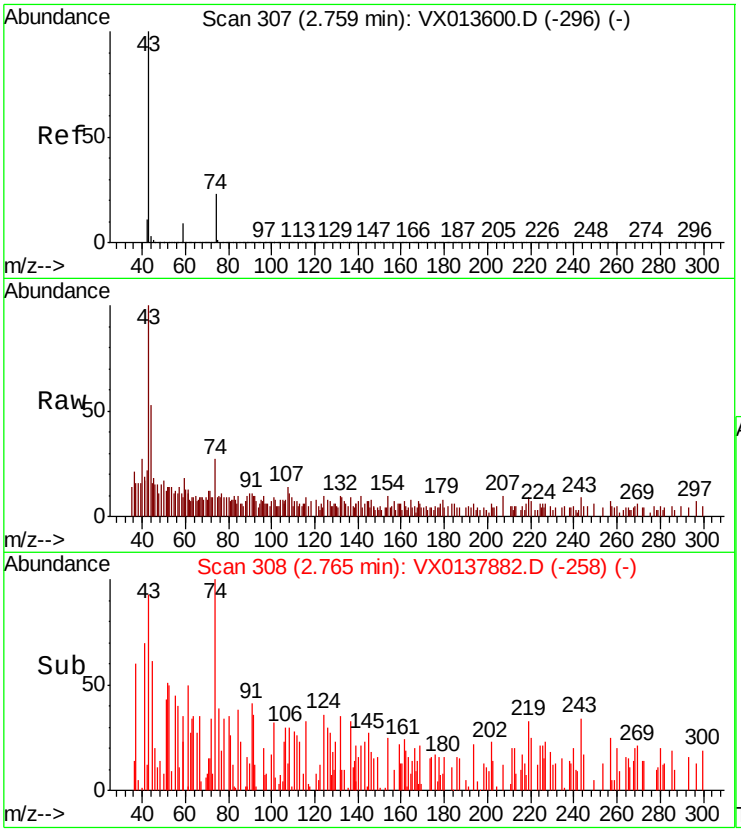


#16
Acetone
Concen: 7.633 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 43 Resp: 26563

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.6	36.8



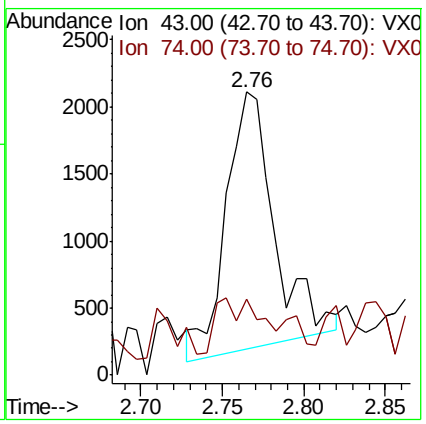


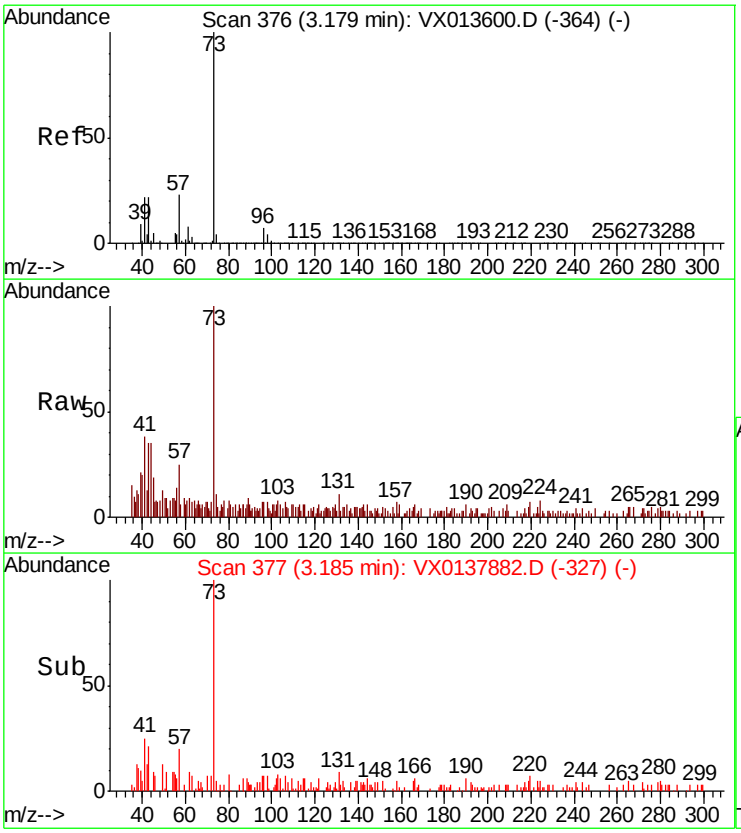
#18
Methyl Acetate
Concen: 0.412 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3996

Ion	Ratio	Lower	Upper
43	100		
74	19.9	19.5	29.3

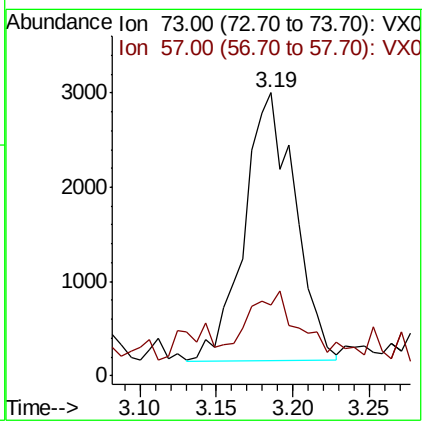


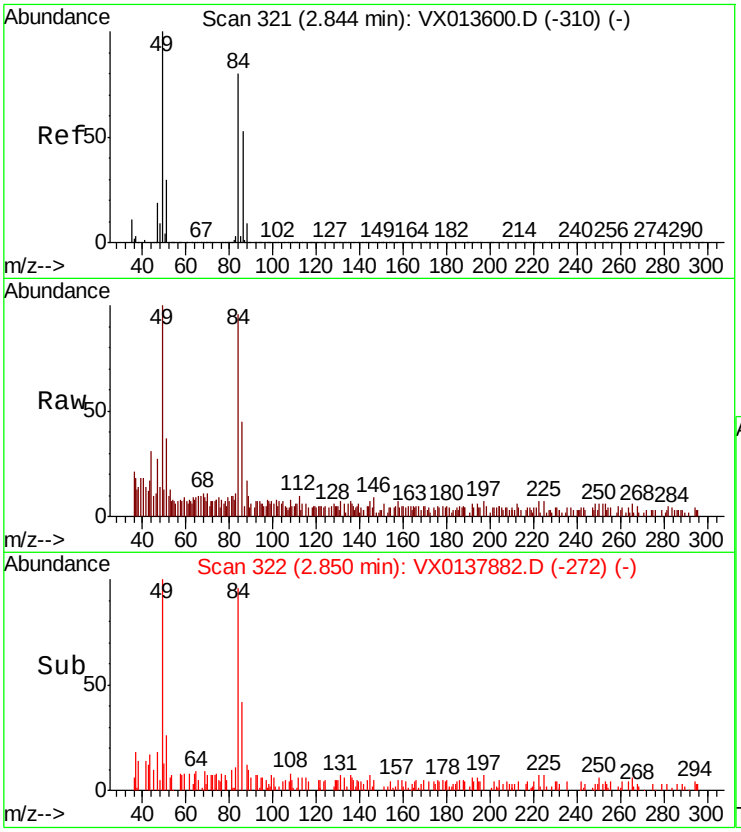


#19
Methyl tert-butyl Ether
Concen: 0.341 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 73 Resp: 6537

Ion	Ratio	Lower	Upper
73	100		
57	14.2	18.3	27.5#



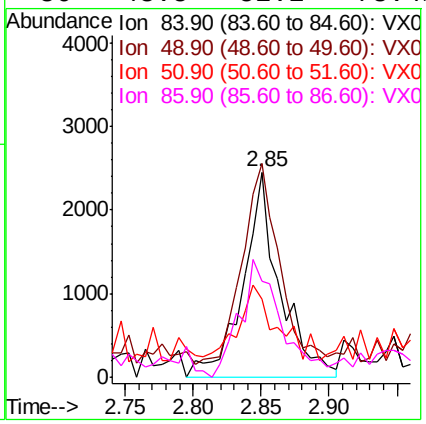


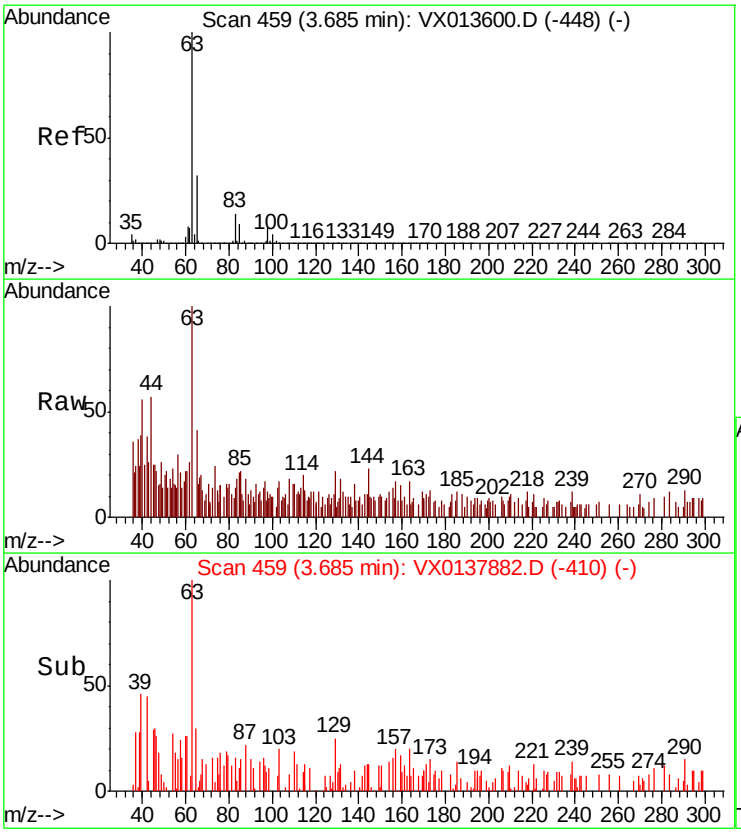
#20
Methylene Chloride
Concen: 0.691 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 4623

Ion	Ratio	Lower	Upper
84	100		
49	100.8	99.7	149.5
51	27.0	29.9	44.9#
86	43.5	52.2	78.4#

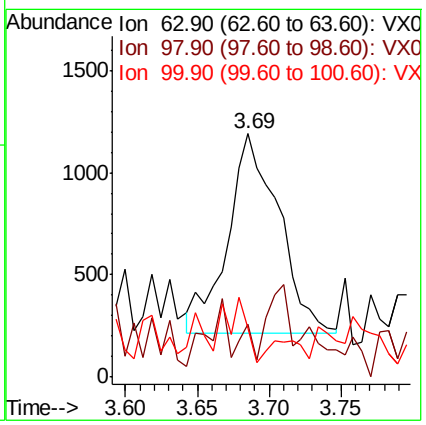


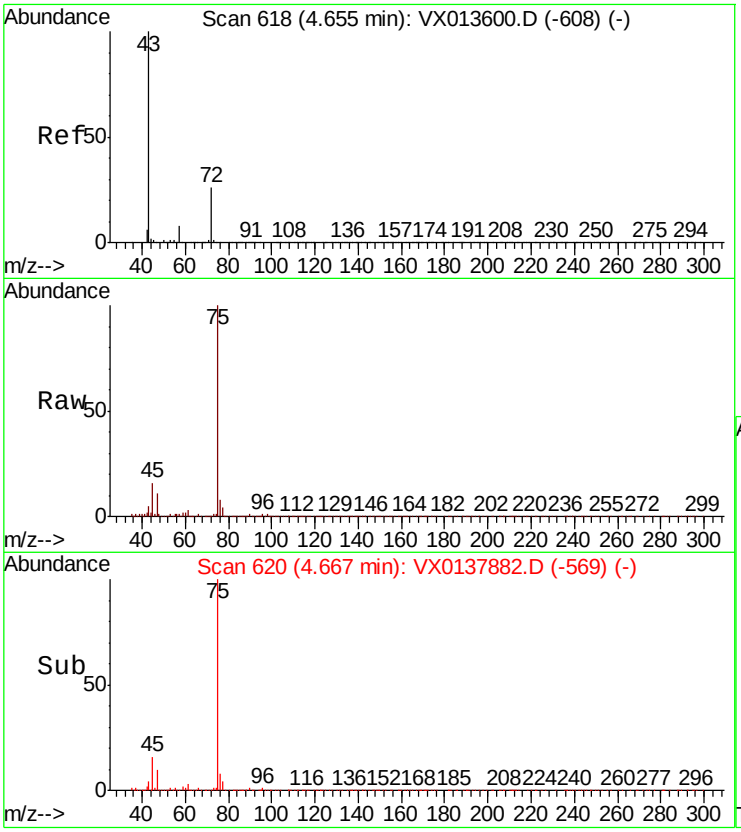


#24
1,1-Dichloroethane
Concen: 0.218 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 63 Resp: 2408

Ion	Ratio	Lower	Upper
63	100		
98	21.2	3.5	10.4#
100	9.7	2.1	6.3#



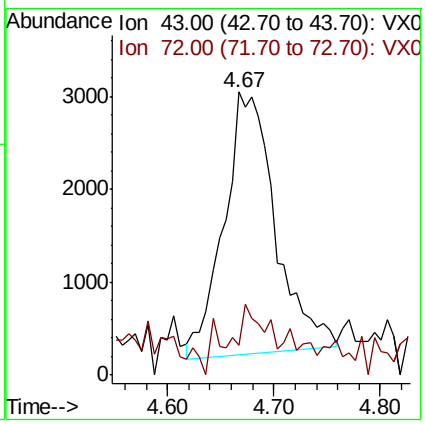


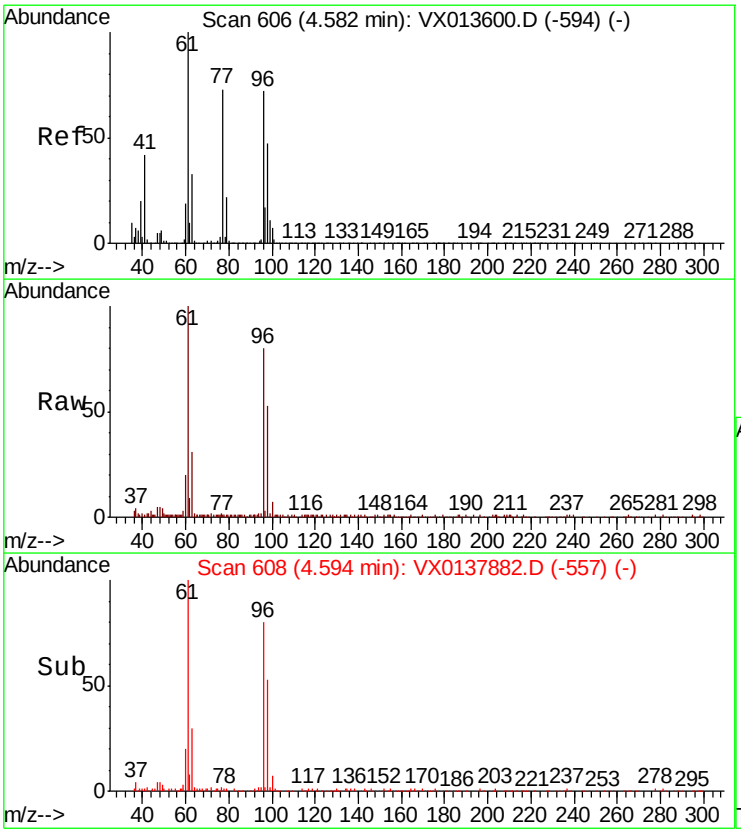
#25
2-Butanone
Concen: 1.832 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9476

Ion	Ratio	Lower	Upper
43	100		
72	5.7	20.6	31.0#

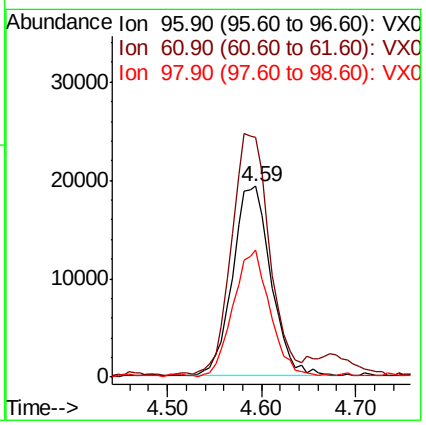


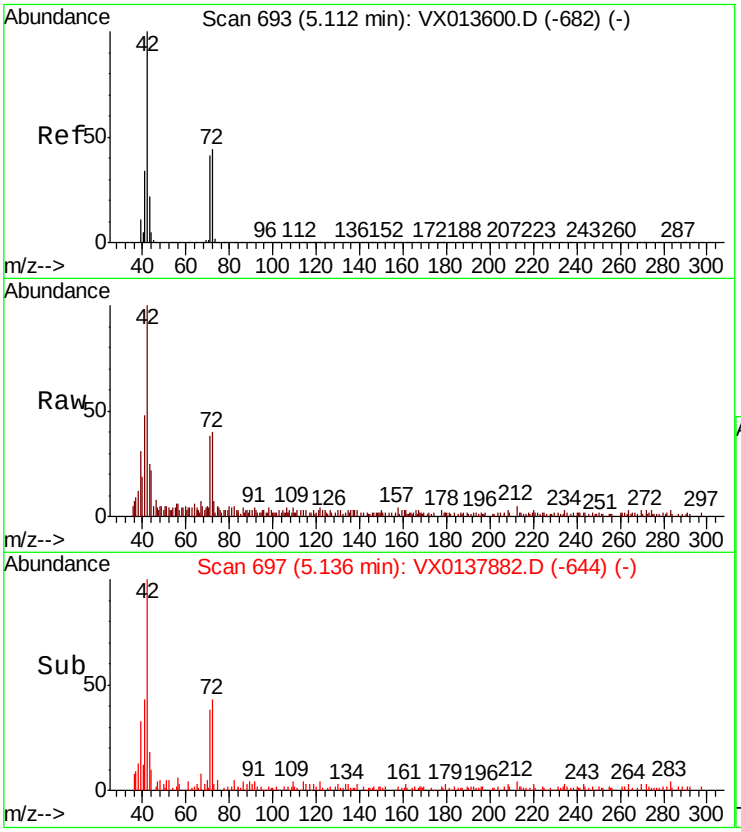


#27
cis-1,2-Dichloroethene
Concen: 7.586 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 96 Resp: 54850

Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	286.4
98	63.8	0.0	127.4



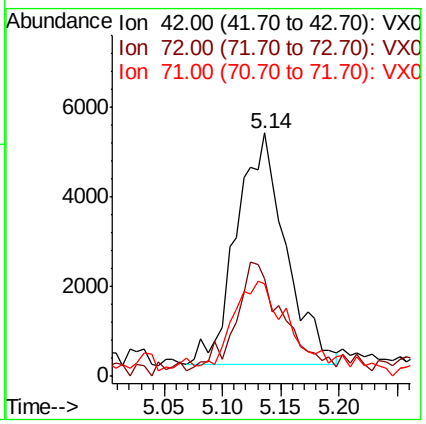


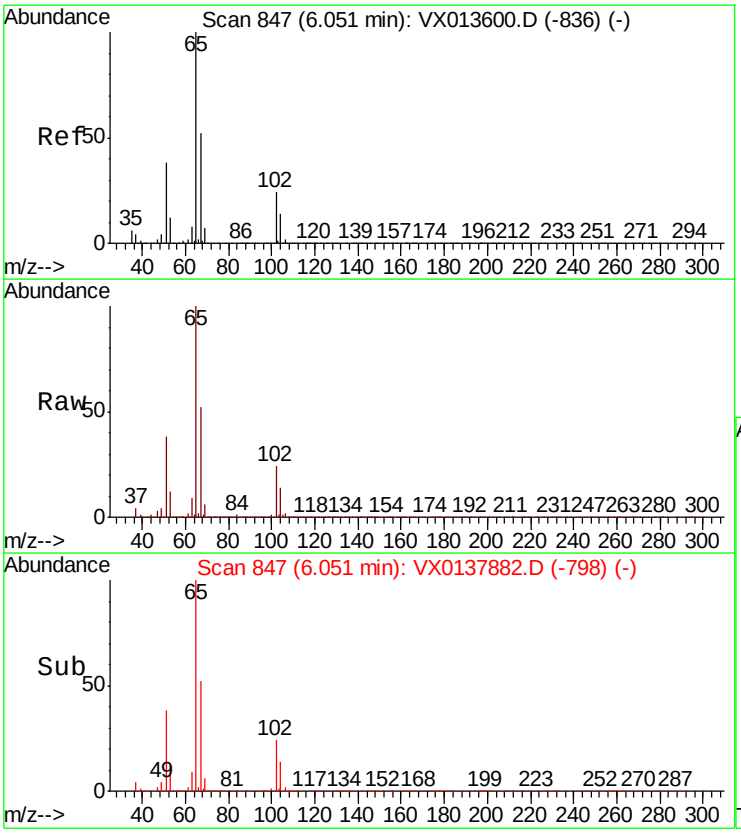
#29
Tetrahydrofuran
Concen: 4.780 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 15241

Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.3	54.5
71	53.4	33.2	49.8#

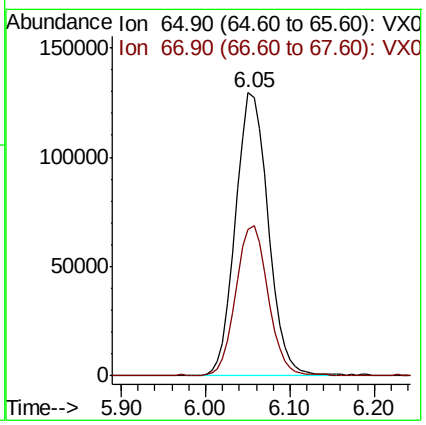


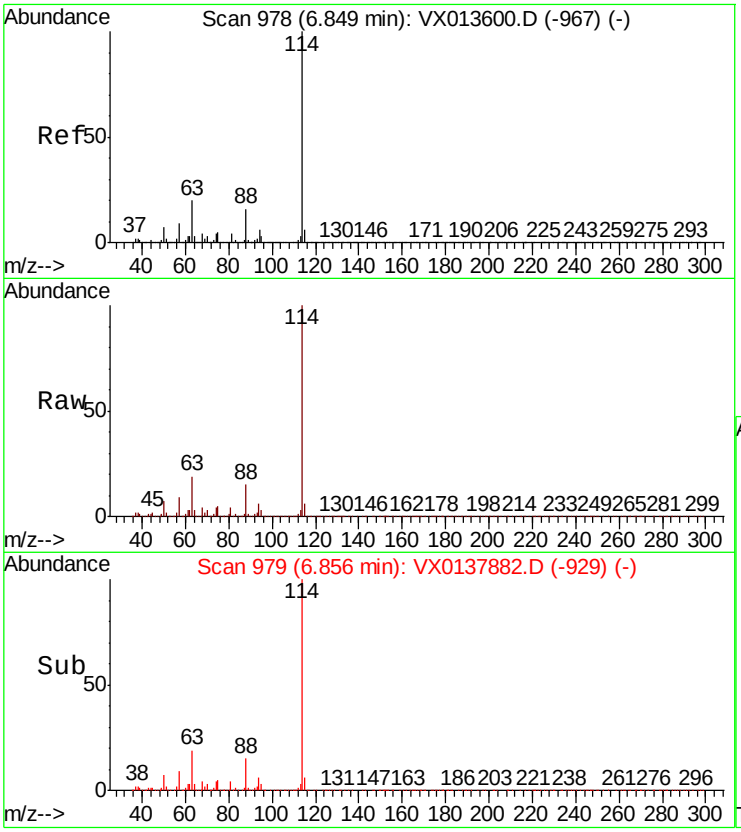


#33
1,2-Dichloroethane-d4
Concen: 48.088 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 65 Resp: 338977

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4



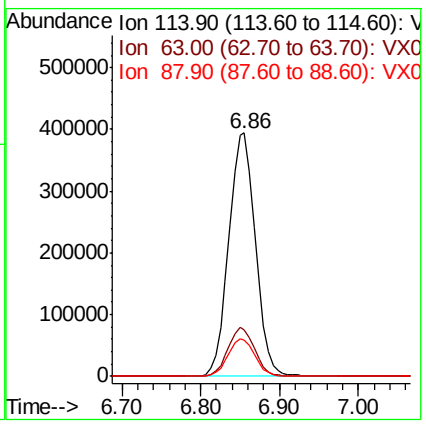


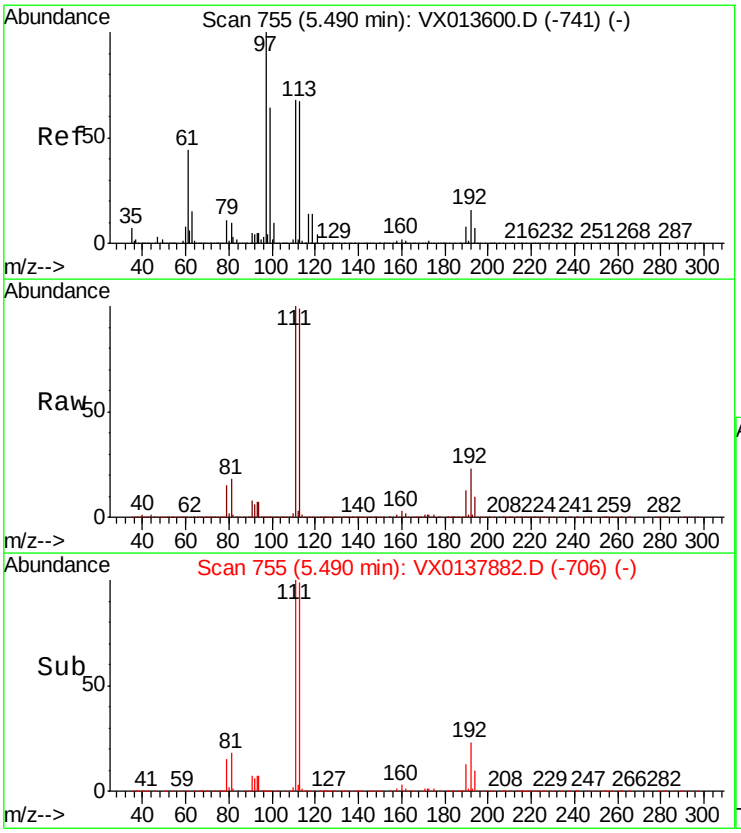
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 930370

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.0	0.0	31.4

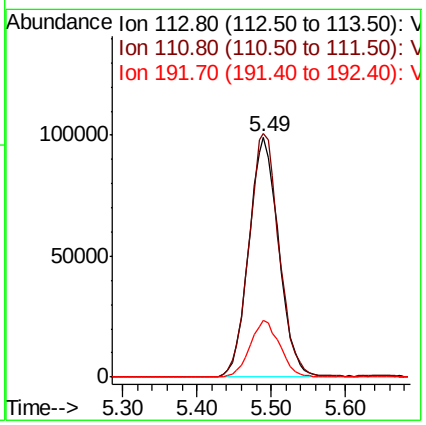


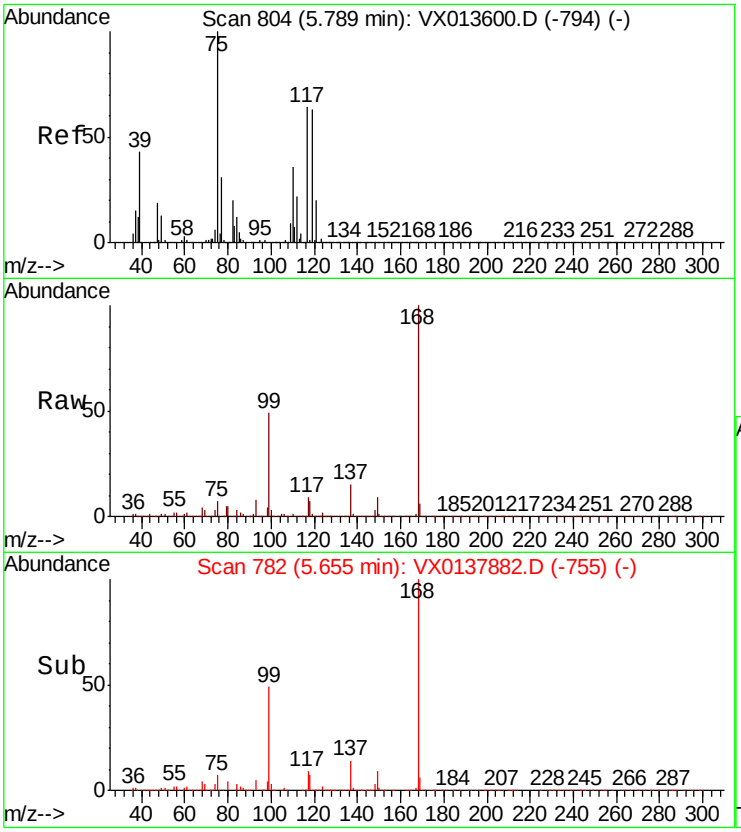


#35
Dibromofluoromethane
Concen: 48.712 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion:113 Resp: 280175

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.6	125.4
192	23.4	19.2	28.8



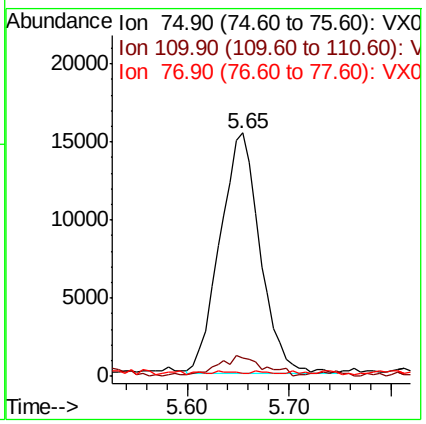


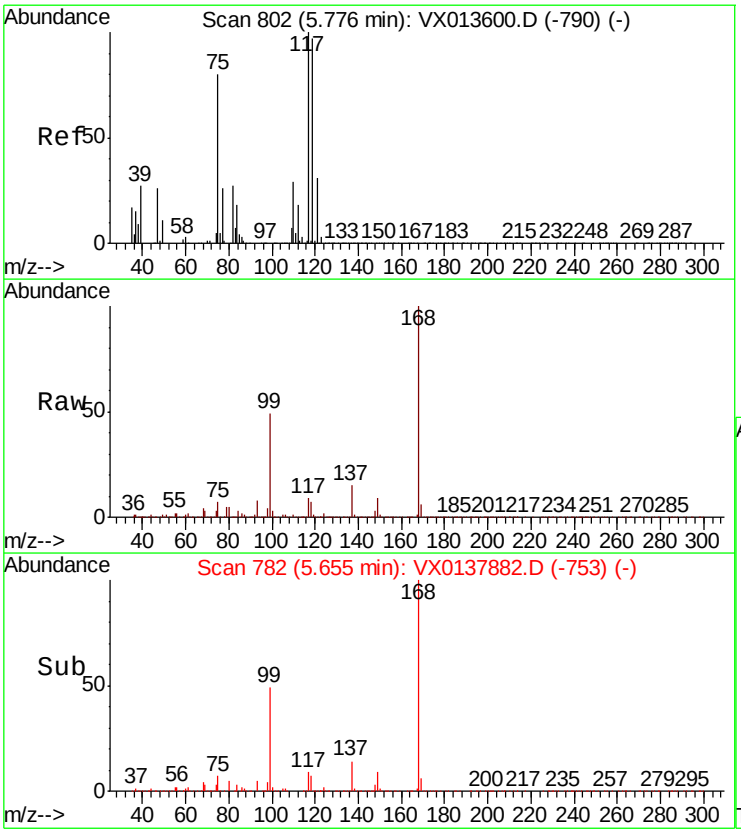
#36
1,1-Dichloropropene
Concen: 4.962 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41903

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.3	24.5	36.7#

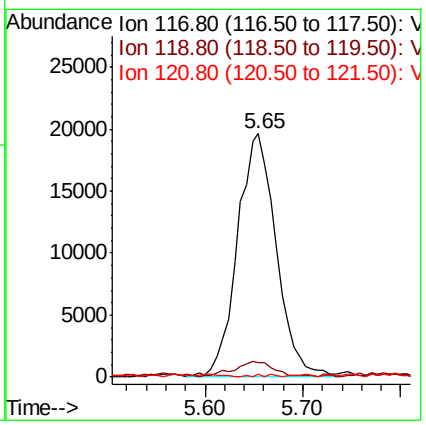


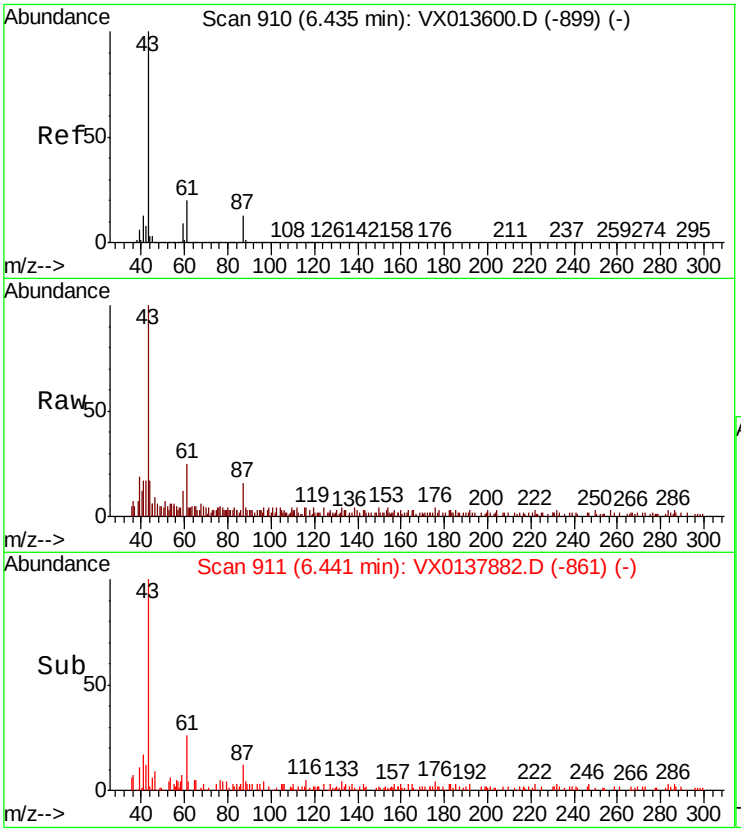


#38
Carbon Tetrachloride
Concen: 6.955 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion:117 Resp: 54159

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.5	116.3#
121	0.4	25.0	37.6#



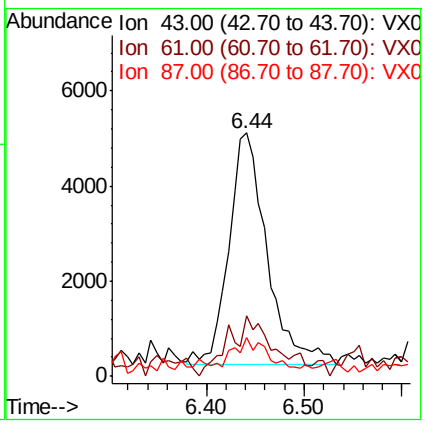


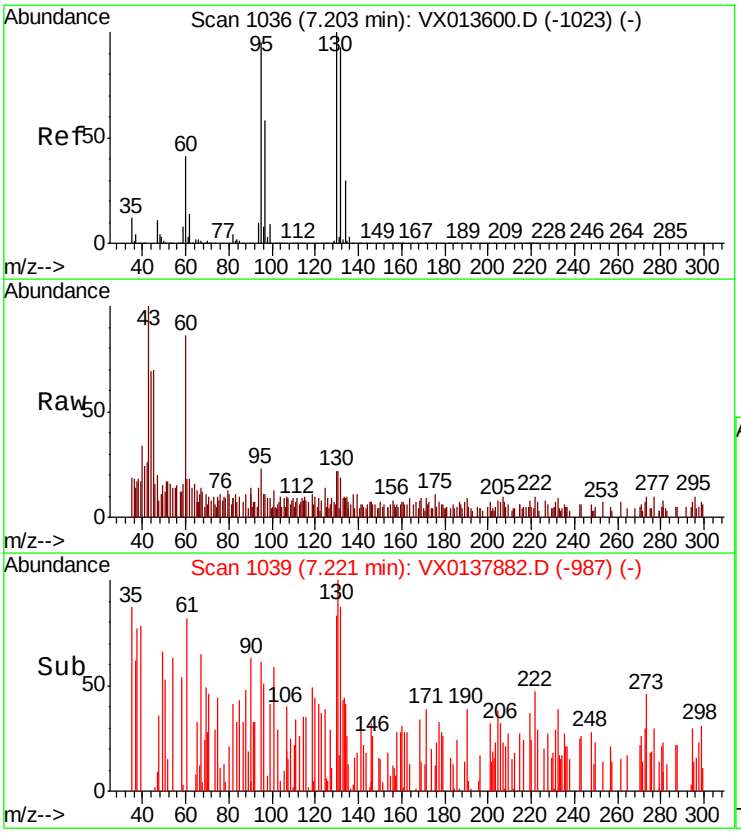
#43
Isopropyl Acetate
Concen: 0.844 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13159

Ion	Ratio	Lower	Upper
43	100		
61	27.7	16.3	24.5#
87	11.8	10.8	16.2

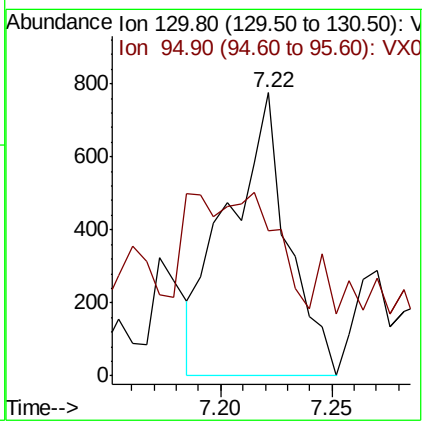


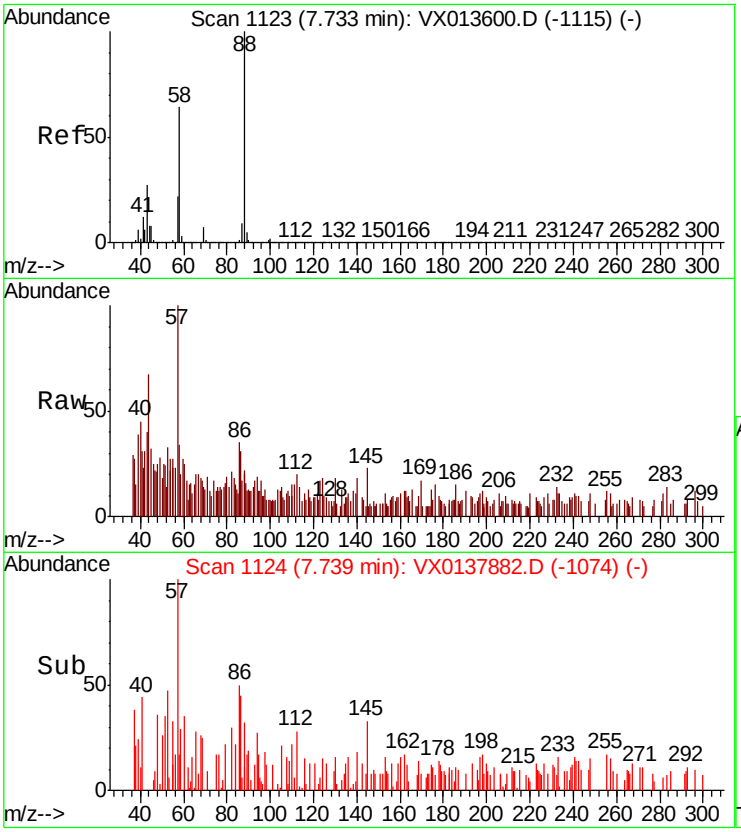


#44
Trichloroethene
Concen: 0.205 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.02 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion:130 Resp: 1449

Ion	Ratio	Lower	Upper
130	100		
95	10.5	0.0	190.8



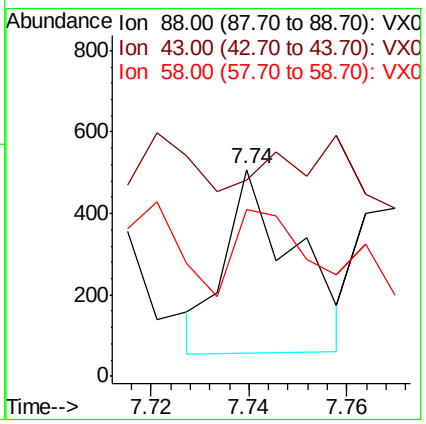


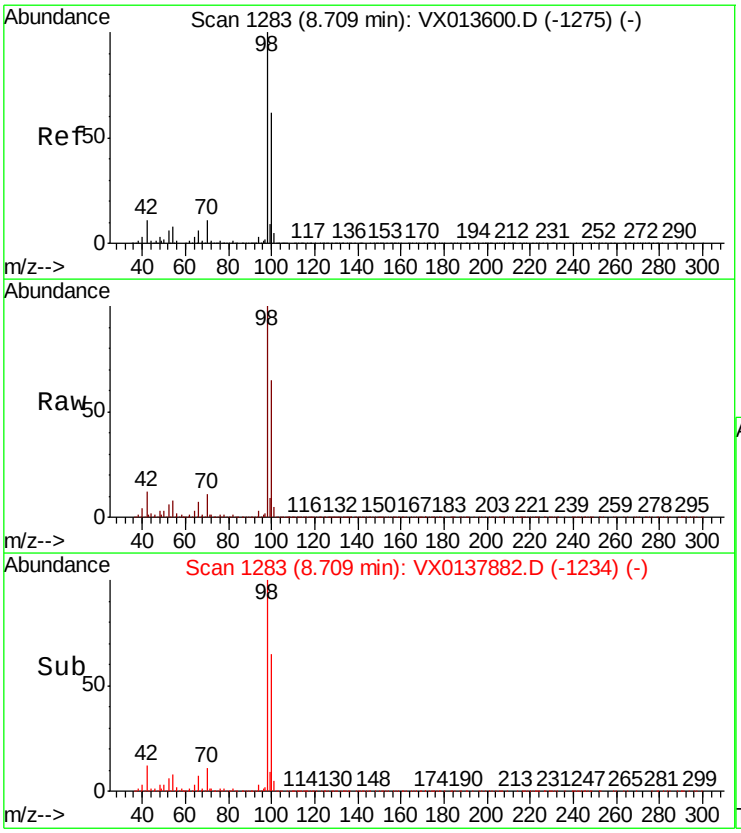
#49
1,4-Dioxane
Concen: 2.623 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 445

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	98.7	54.6	82.0#

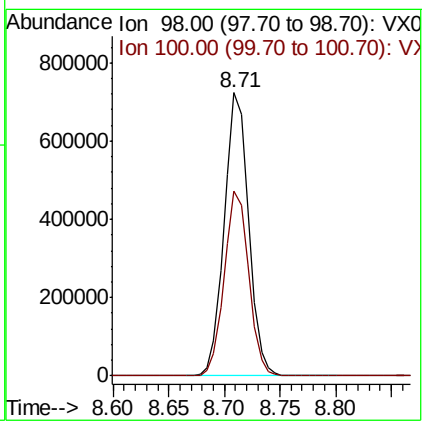


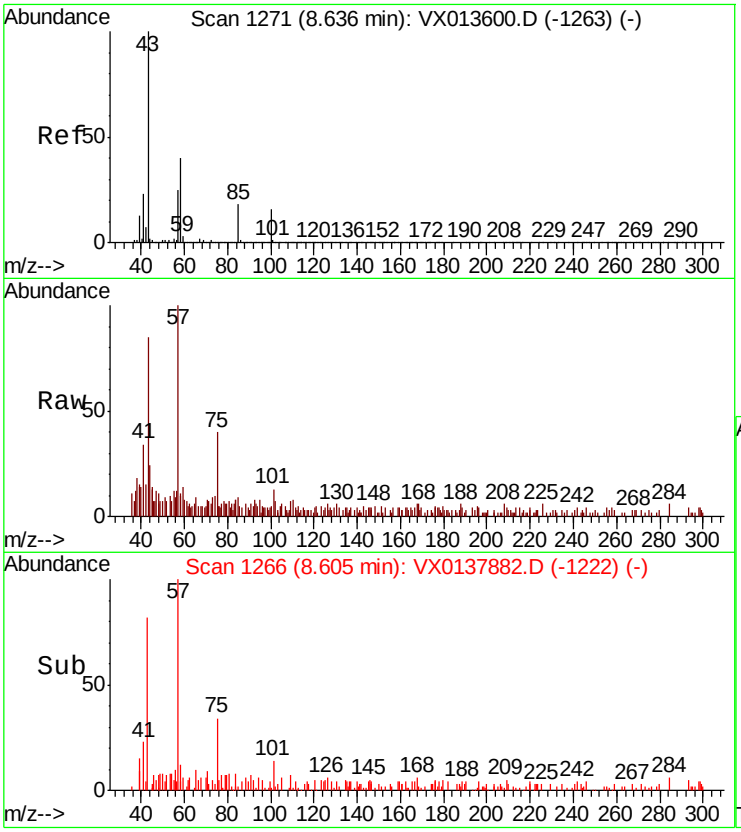


#50
Toluene-d8
Concen: 48.888 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 98 Resp: 1095547

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7



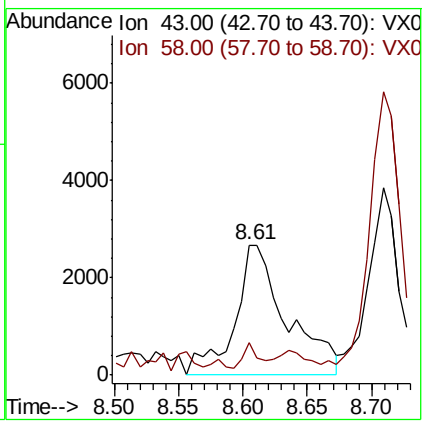


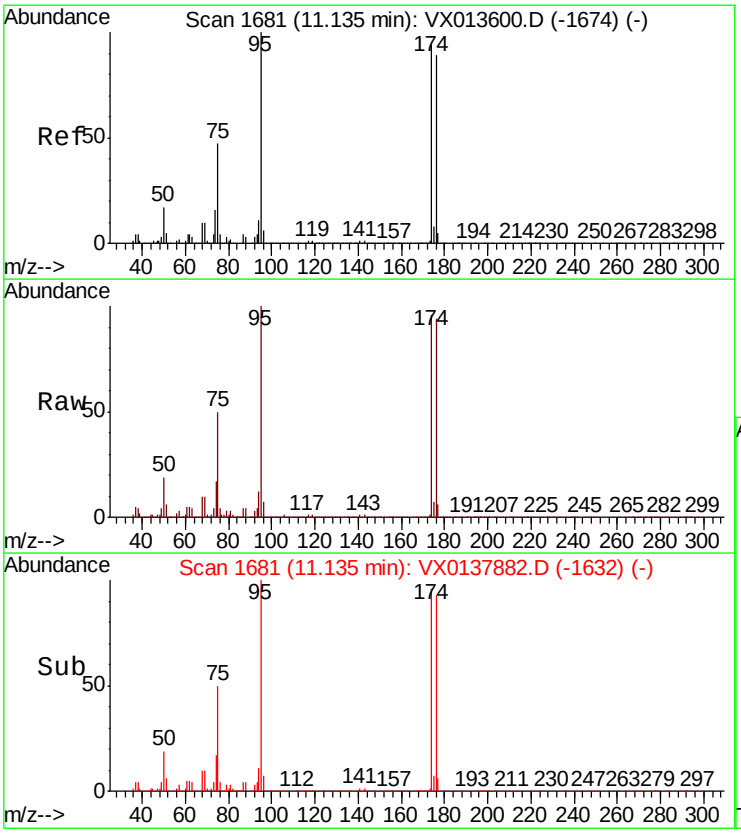
#51
4-Methyl-2-Pentanone
Concen: 0.764 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7497

Ion	Ratio	Lower	Upper
43	100		
58	5.7	32.1	48.1#

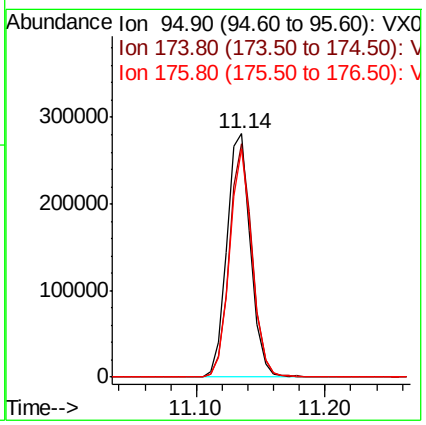


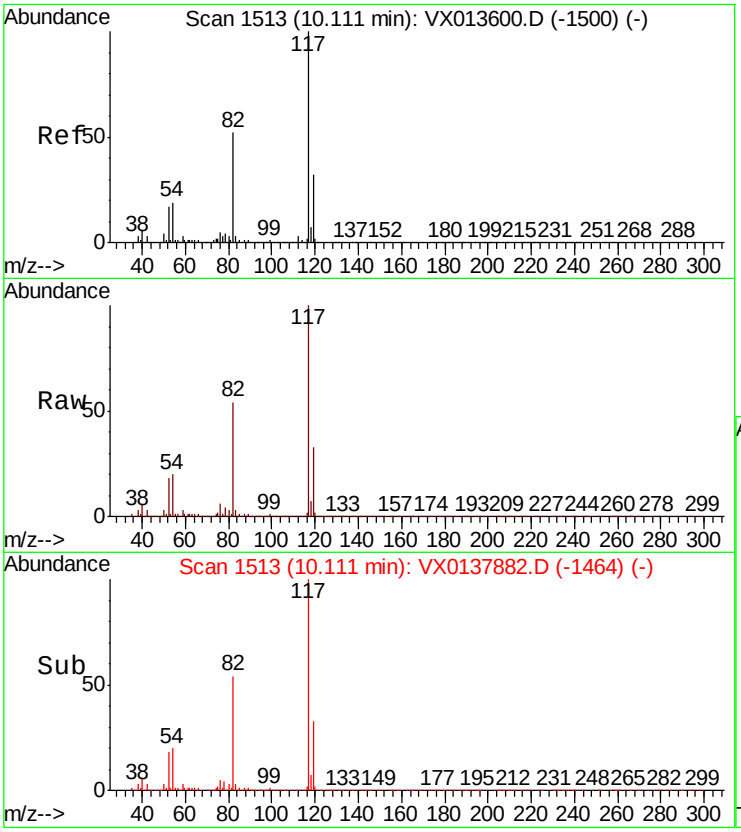


#62
4-Bromofluorobenzene
Concen: 44.920 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 95 Resp: 362992

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	180.0
176	89.0	0.0	173.6



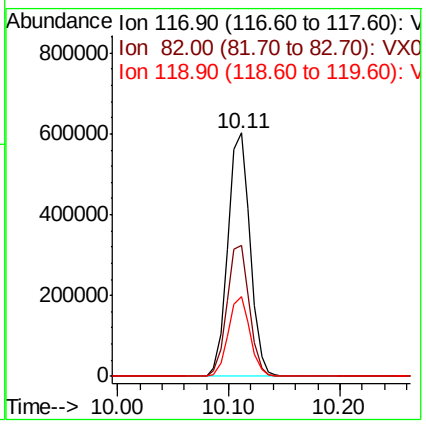


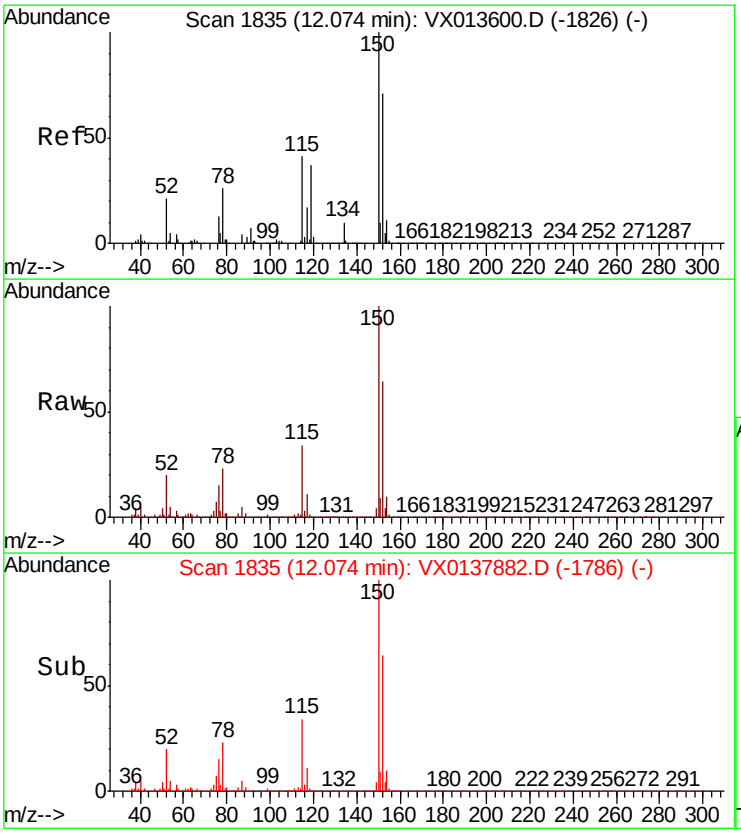
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 831515

Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	32.8	25.8	38.8

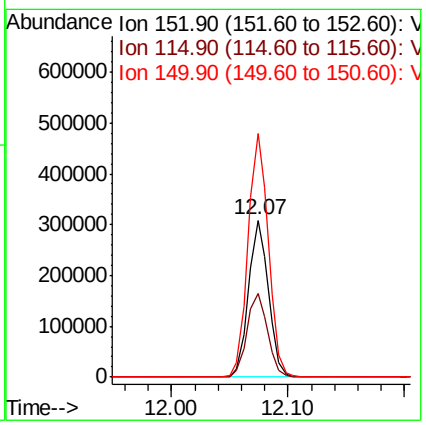


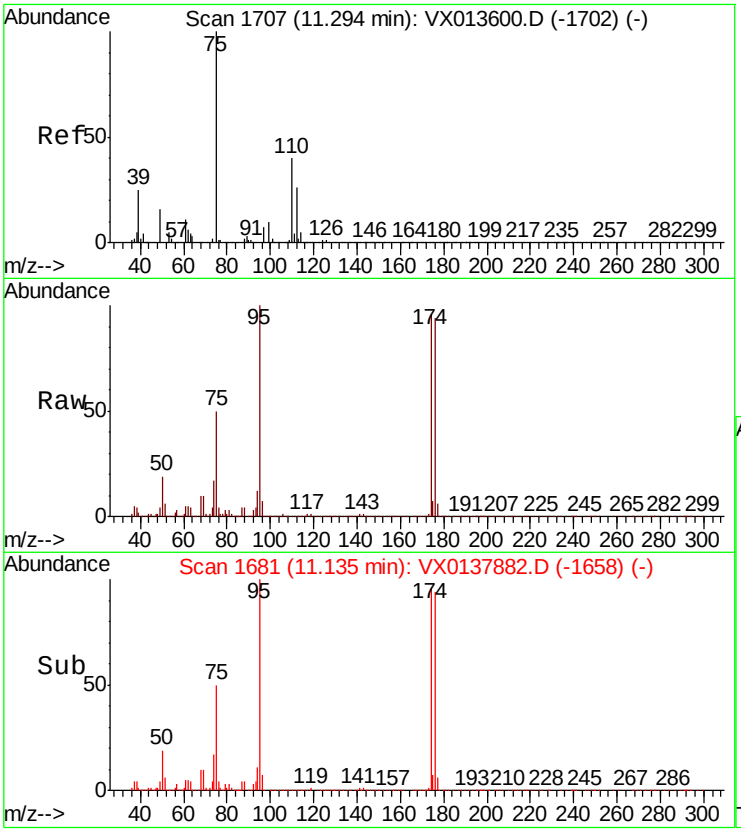


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion:152 Resp: 368849

Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.4	115.1
150	158.4	0.0	346.8



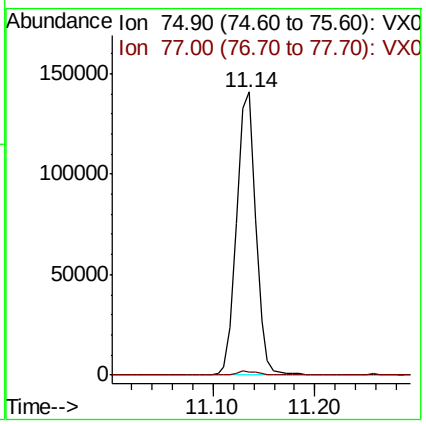


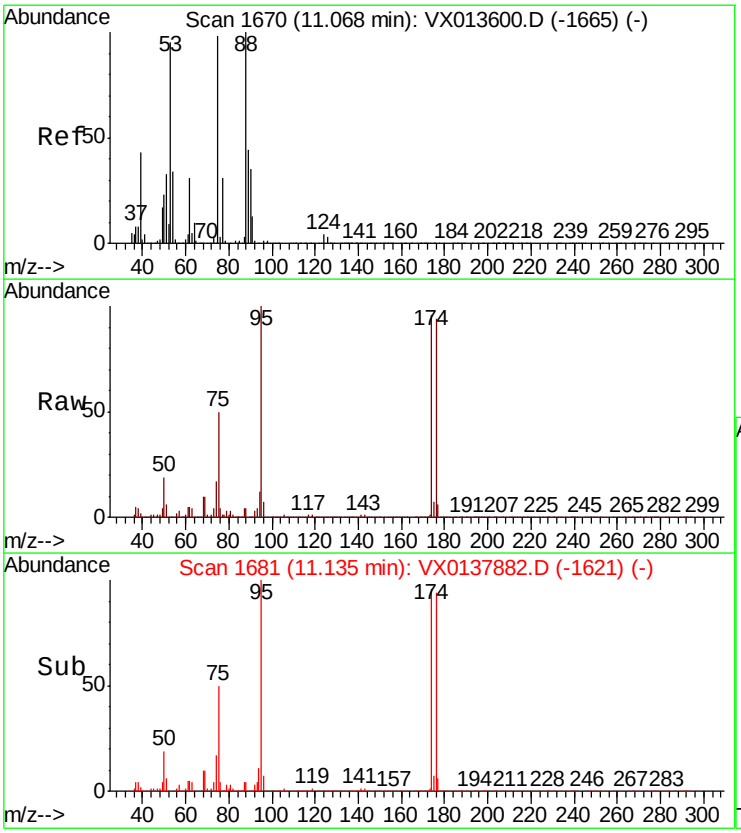
#76
1,2,3-Trichloropropane
Concen: 21.803 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 180881

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.1	57.5#

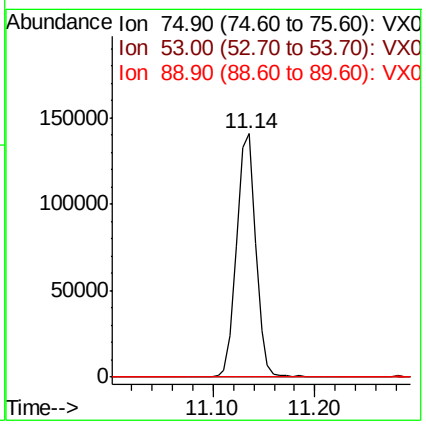


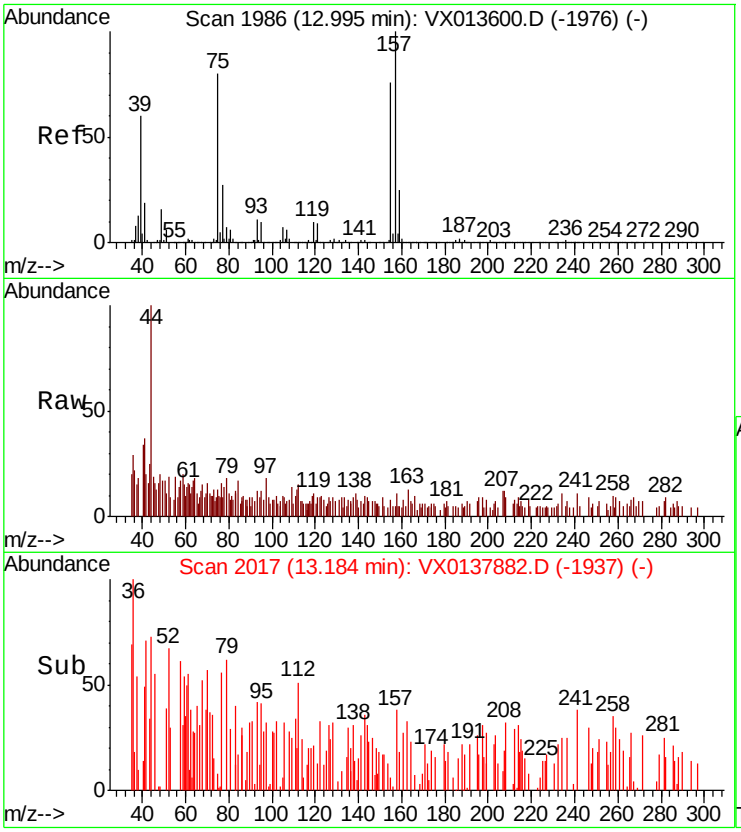


#81
trans-1,4-Dichloro-2-butene
Concen: 59.650 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Tgt Ion: 75 Resp: 180881

Ion	Ratio	Lower	Upper
75	100		
53	0.4	78.2	117.2#
89	0.0	35.4	53.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.214 ug/l
RT: 13.18 min Scan# 2017
Delta R.T. 0.19 min
Lab File: VX0137882.D
Acq: 10 Dec 2019 04:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 418

Ion	Ratio	Lower	Upper
75	100		
155	74.9	47.6	142.8
157	76.1	62.1	186.2