Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013874.D
Acq On : 10 Dec 2019 01:07
Operator : JC/SP
Sample : PB125298TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Quant Time: Dec 12 08:18:06 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	611440	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	938433	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	844622	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365772	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	334566	47.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.28%				
35) Dibromofluoromethane	5.49	113	278660	48.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.06%				
50) Toluene-d8	8.71	98	1109832	49.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.20%				
62) 4-Bromofluorobenzene	11.14	95	374050	45.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.78%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	3317	0.575	ug/l		92
10) Methyl Iodide	2.51	142	2710	0.384	ug/l		94
11) Tert butyl alcohol	3.01	59	1617	0.923	ug/l	#	66
13) Acrolein	2.30	56	279	6.236	ug/l	#	15
15) Acrylonitrile	3.15	53	933	0.258	ug/l	#	63
16) Acetone	2.44	43	26305	7.507	ug/l		96
17) Carbon Disulfide	2.56	76	4465	0.269	ug/l	#	93
18) Methyl Acetate	2.76	43	6277	0.643	ug/l		93
20) Methylene Chloride	2.85	84	12769	1.897	ug/l		94
25) 2-Butanone	4.69	43	6135	1.178	ug/l		98
29) Tetrahydrofuran	5.12	42	885	0.276	ug/l	#	43
36) 1,1-Dichloropropene	5.65	75	41600	4.883	ug/l	#	52
37) Ethyl Acetate	4.69	43	5947	0.622	ug/l		97
38) Carbon Tetrachloride	5.65	117	52996	6.747	ug/l	#	14
43) Isopropyl Acetate	6.44	43	150377	9.558	ug/l		99
44) Trichloroethene	7.21	130	2333	0.328	ug/l		61
48) Methyl methacrylate	7.87	41	247612	32.391	ug/l	#	44
49) 1,4-Dioxane	7.72	88	552	3.226	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	143859	14.536	ug/l	#	50
54) cis-1,3-Dichloropropene	8.61	75	67068	6.471	ug/l	#	58
59) 2-Hexanone	9.54	43	169432	21.951	ug/l	#	49
74) N-amyl acetate	10.82	43	6584	0.560	ug/l	#	46
76) 1,2,3-Trichloropropane	11.14	75	181837	22.103	ug/l	#	39
79) 2-Chlorotoluene	11.51	91	3823	0.223	ug/l		95
80) 1,3,5-Trimethylbenzene	11.50	105	13462	0.640	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.14	75	181837	60.469	ug/l	#	11
93) 1,2,4-Trichlorobenzene	13.64	180	2394	0.288	ug/l		93
94) Hexachlorobutadiene	13.78	225	1228	0.307	ug/l		90
95) Naphthalene	13.83	128	5008	0.202	ug/l	#	80
96) 1,2,3-Trichlorobenzene	14.02	180	2404	0.292	ug/l		92

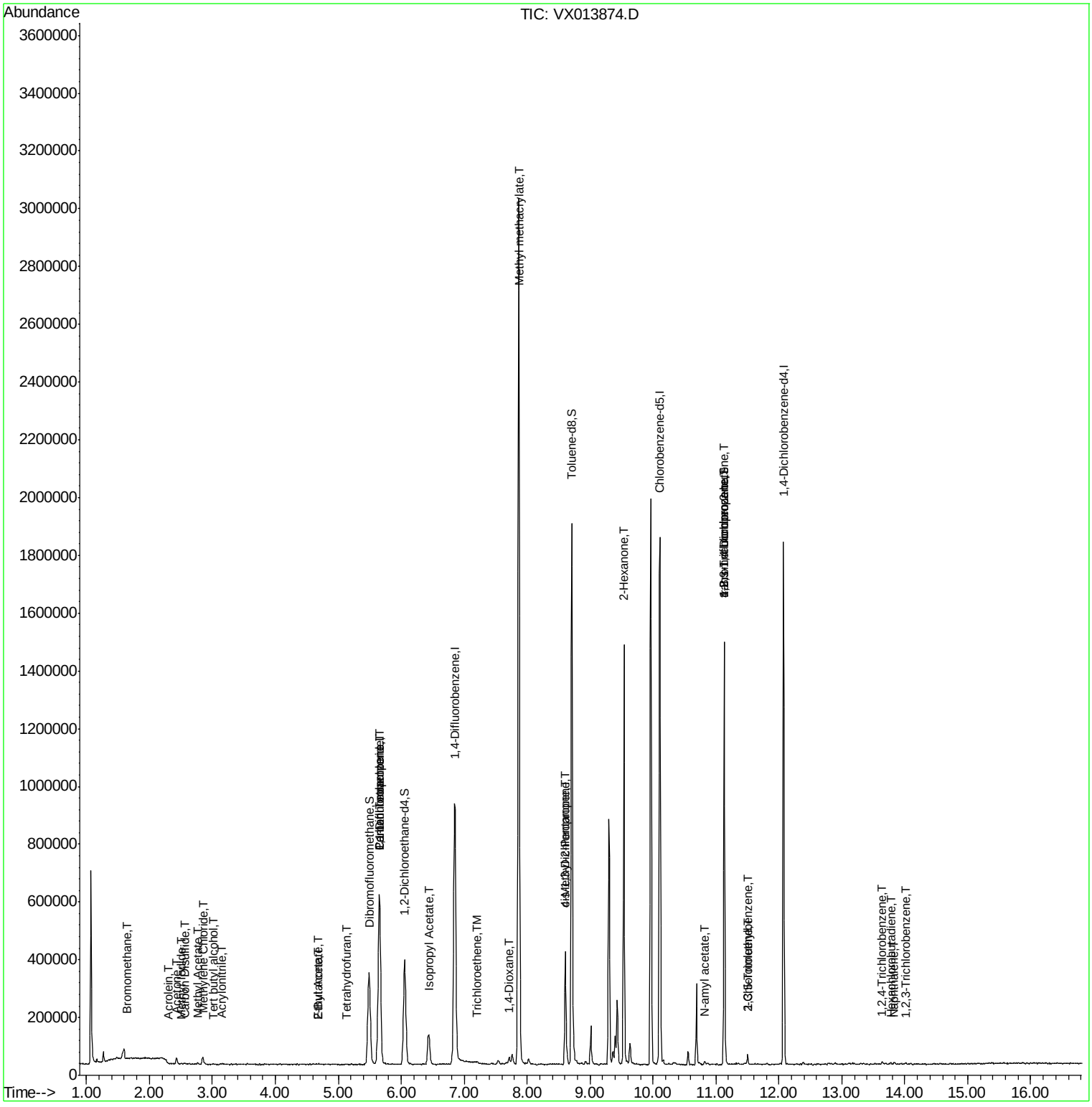
(#) = qualifier out of range (m) = manual integration (+) = signals summed

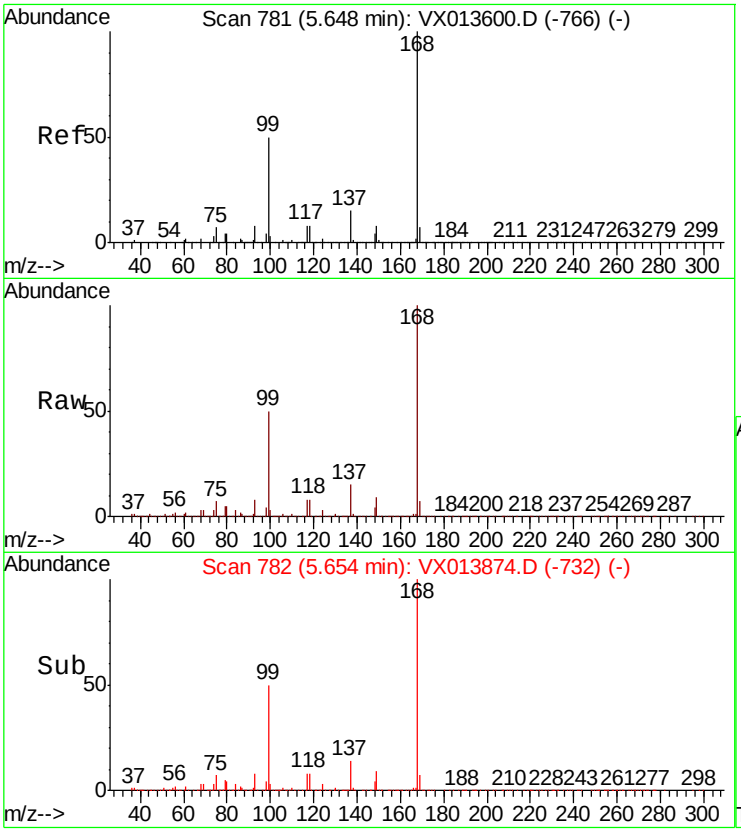
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX013874.D
Acq On : 10 Dec 2019 01:07
Operator : JC/SP
Sample : PB125298TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Quant Time: Dec 12 08:18:06 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



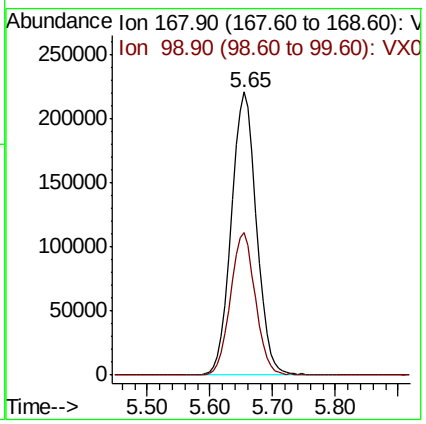


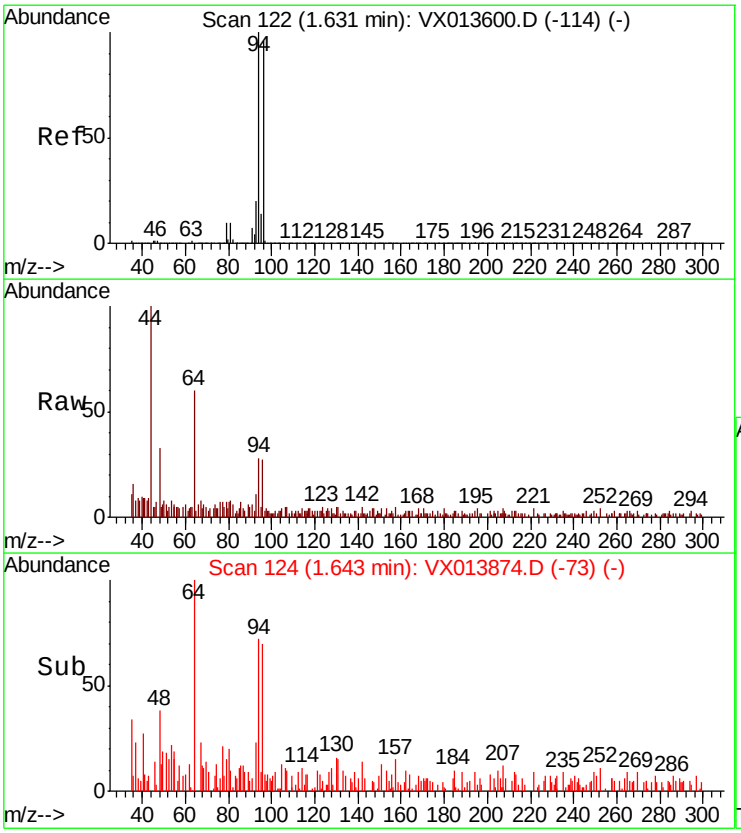
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion:168 Resp: 611440

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.8	59.8

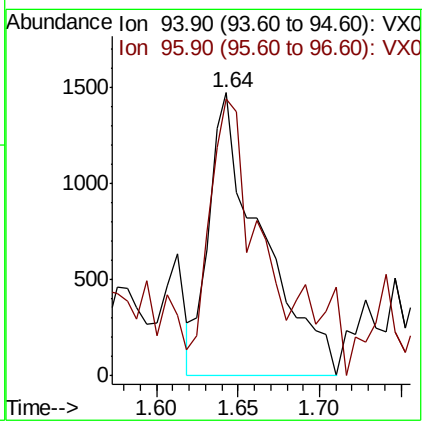


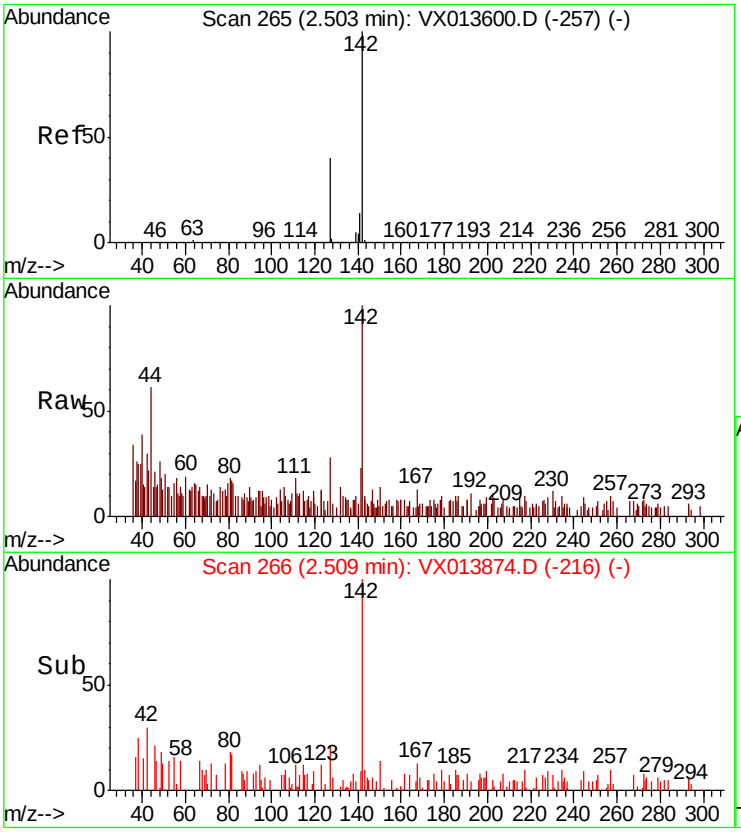


#5
Bromomethane
Concen: 0.575 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 94 Resp: 3317

Ion	Ratio	Lower	Upper
94	100		
96	88.6	77.0	115.4



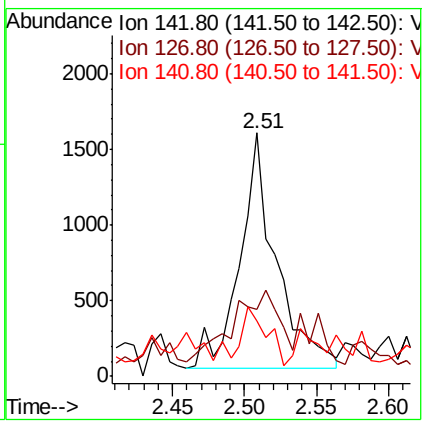


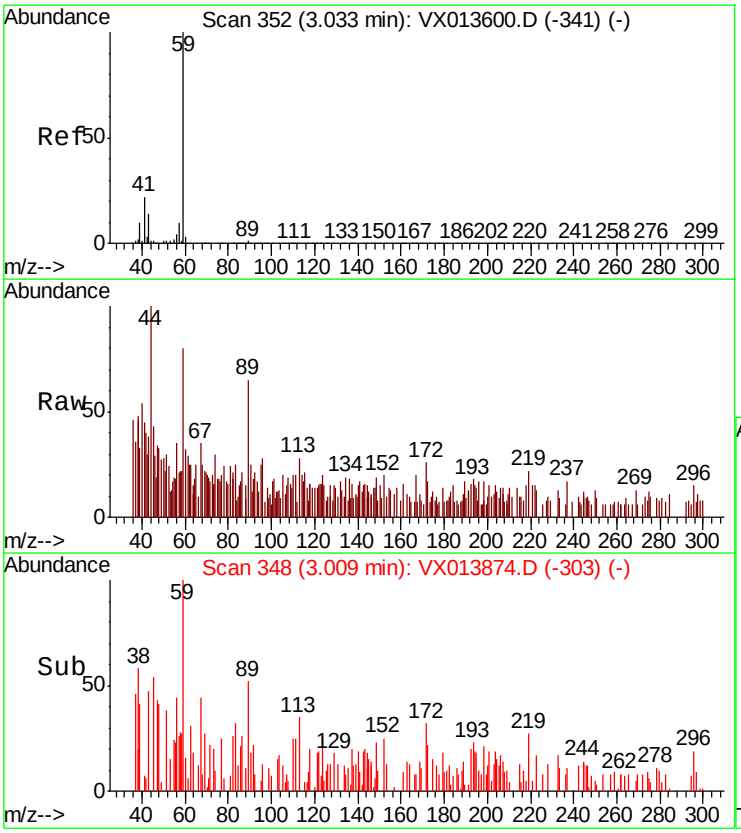
#10
Methyl Iodide
Concen: 0.384 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion:142 Resp: 2710

Ion	Ratio	Lower	Upper
142	100		
127	42.0	31.0	46.4
141	16.9	11.6	17.4

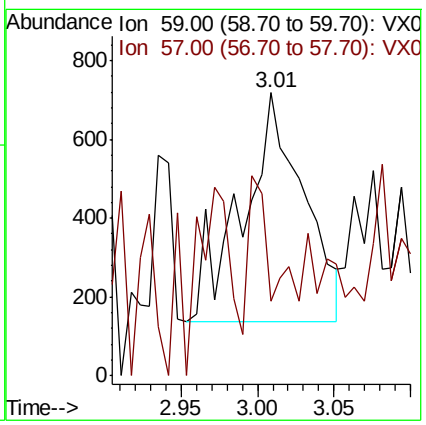


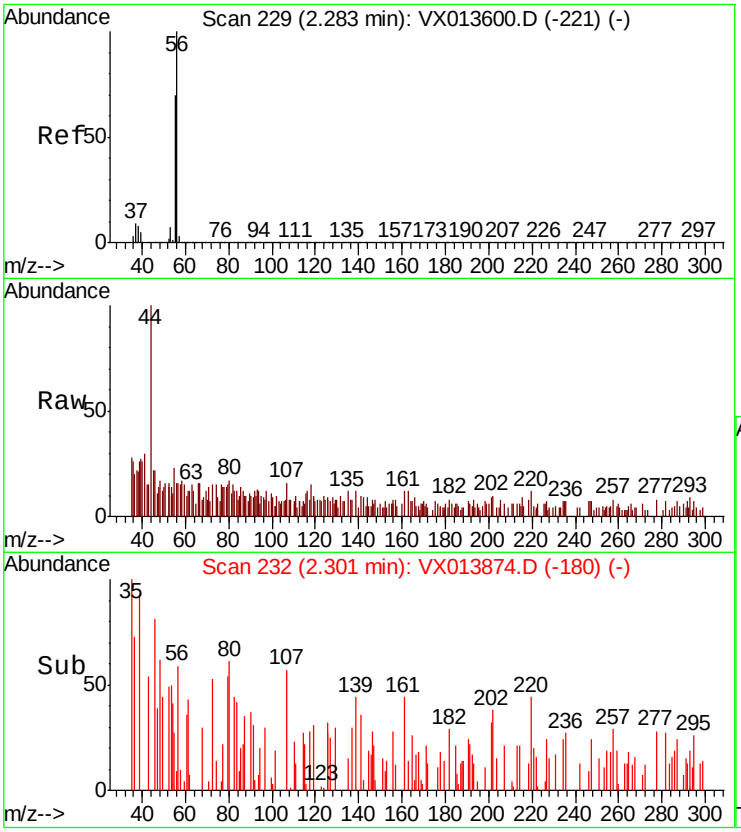


#11
Tert butyl alcohol
Concen: 0.923 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 59 Resp: 1617

Ion	Ratio	Lower	Upper
59	100		
57	22.3	7.8	11.6#



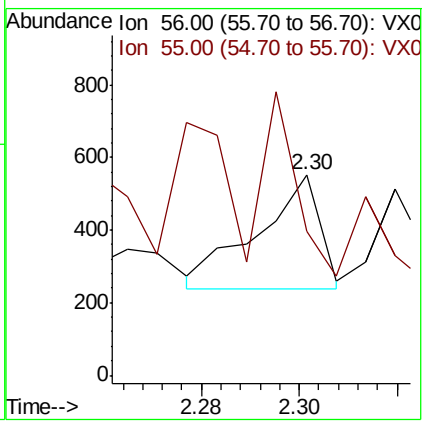


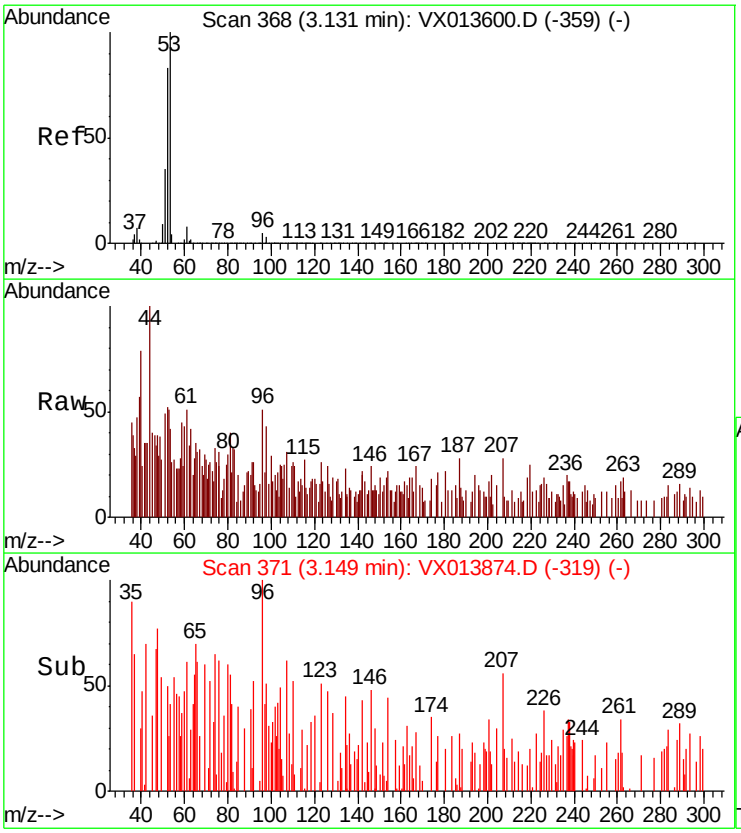
#13
Acrolein
Concen: 6.236 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 56 Resp: 279

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#

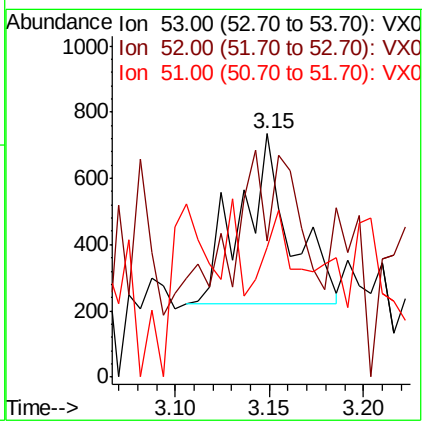


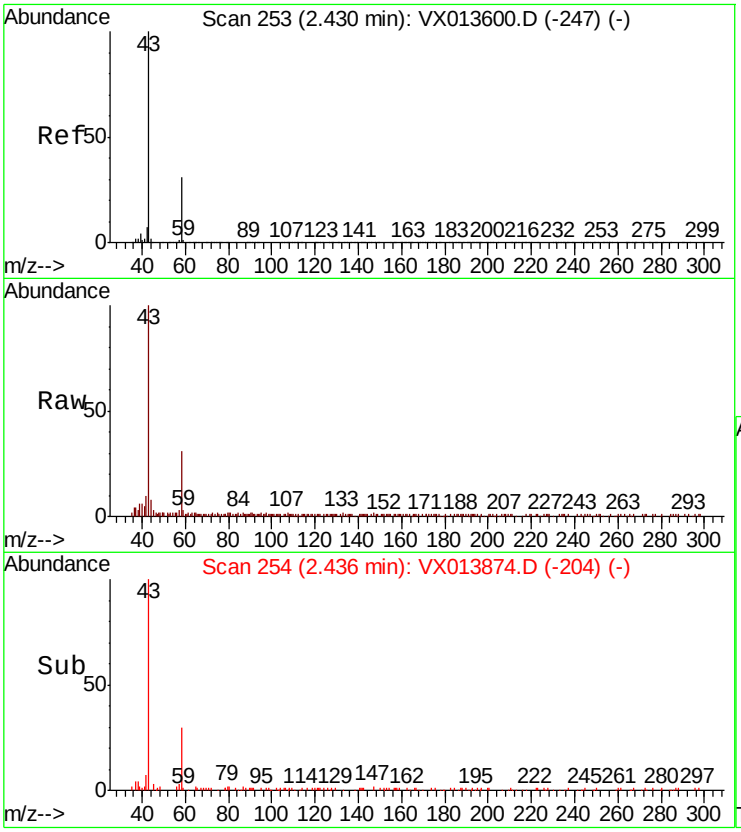


#15
Acrylonitrile
Concen: 0.258 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 53 Resp: 933

Ion	Ratio	Lower	Upper
53	100		
52	48.1	66.2	99.2#
51	55.8	29.0	43.6#



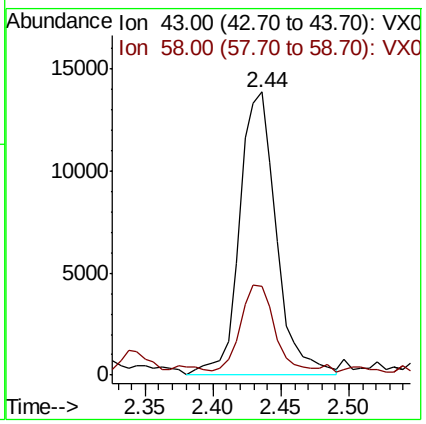


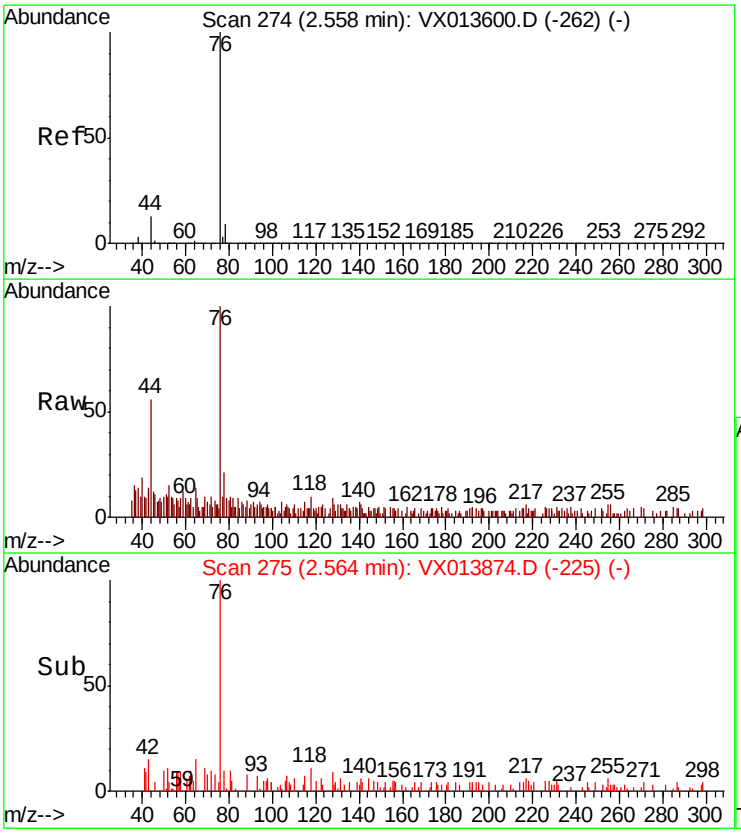
#16
Acetone
Concen: 7.507 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 43 Resp: 26305

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.6	36.8

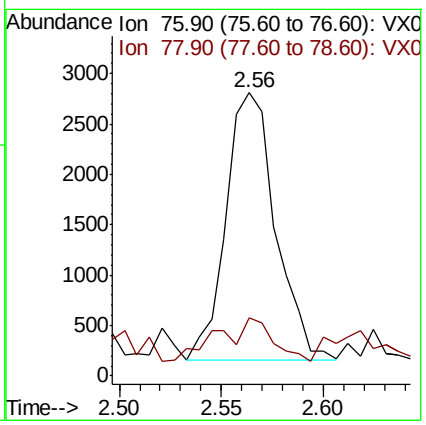


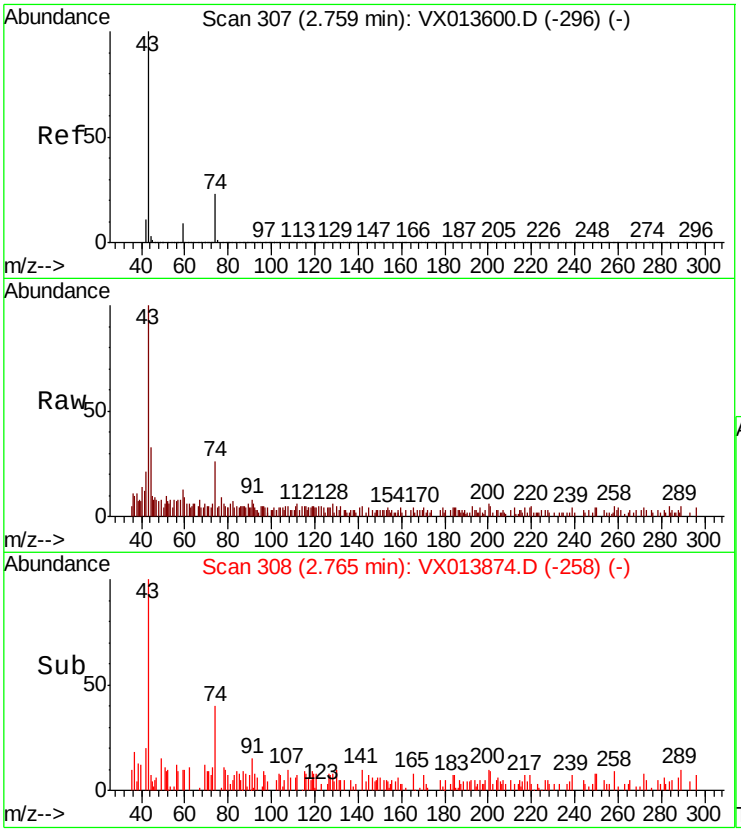


#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 76 Resp: 4465

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.2	10.8#



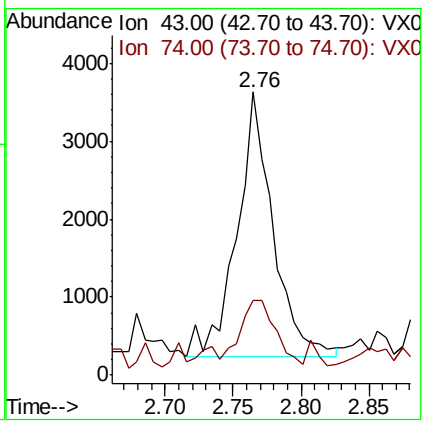


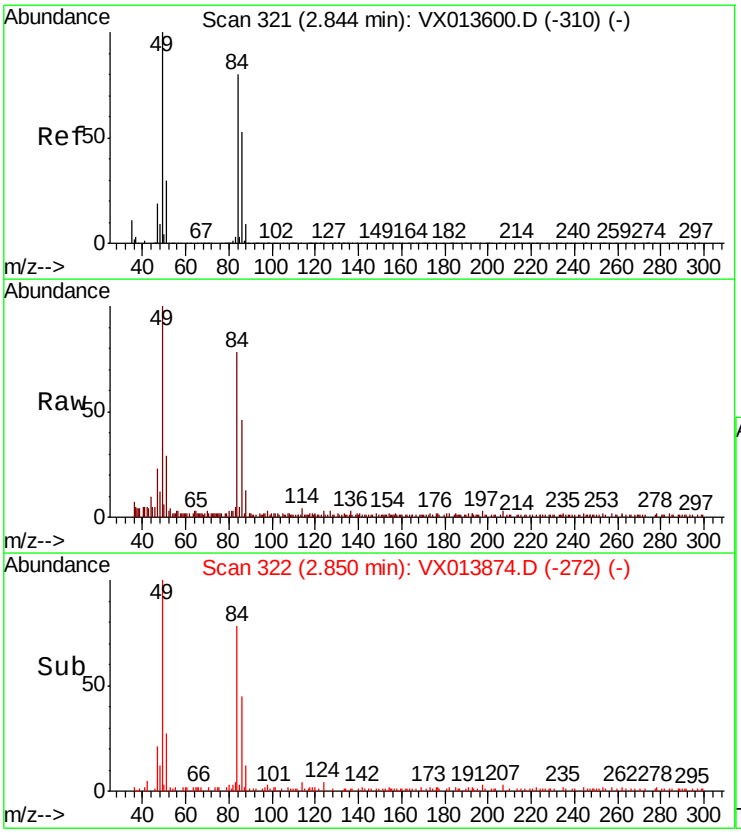
#18
Methyl Acetate
Concen: 0.643 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 43 Resp: 6277

Ion	Ratio	Lower	Upper
43	100		
74	28.1	19.5	29.3

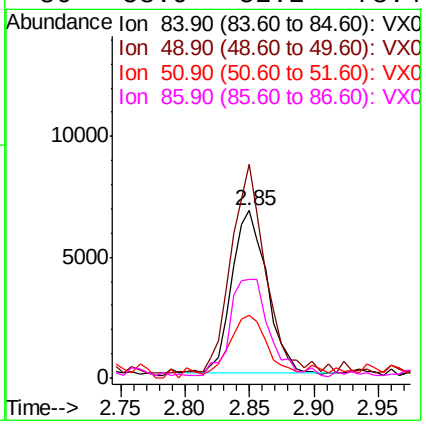


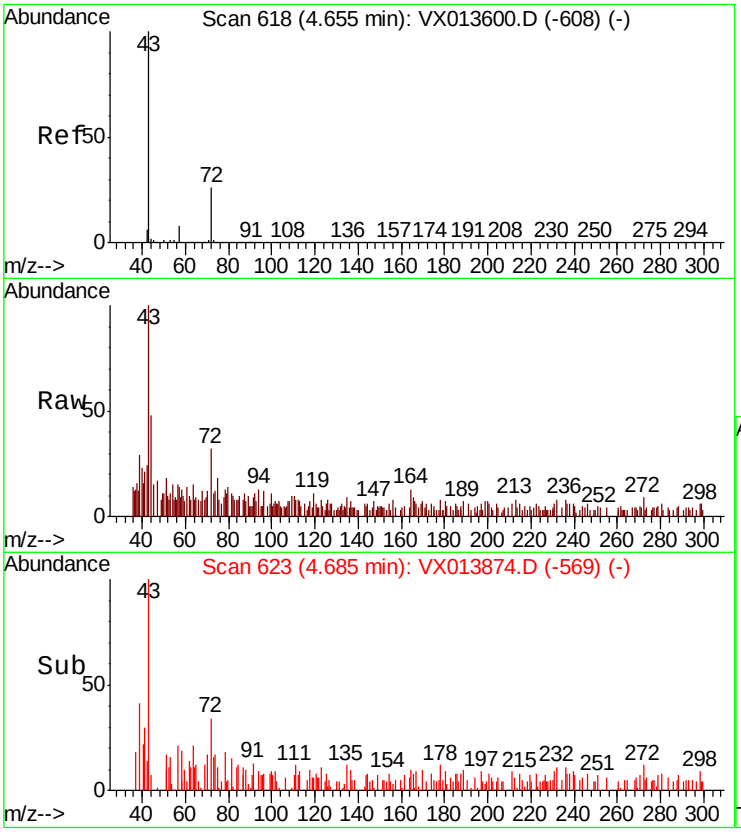


#20
Methylene Chloride
Concen: 1.897 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 84 Resp: 12769

Ion	Ratio	Lower	Upper
84	100		
49	128.7	99.7	149.5
51	32.3	29.9	44.9
86	58.9	52.2	78.4



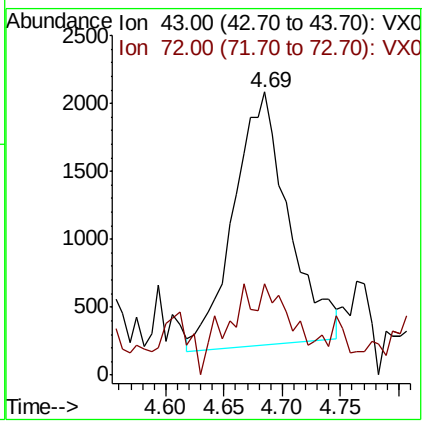


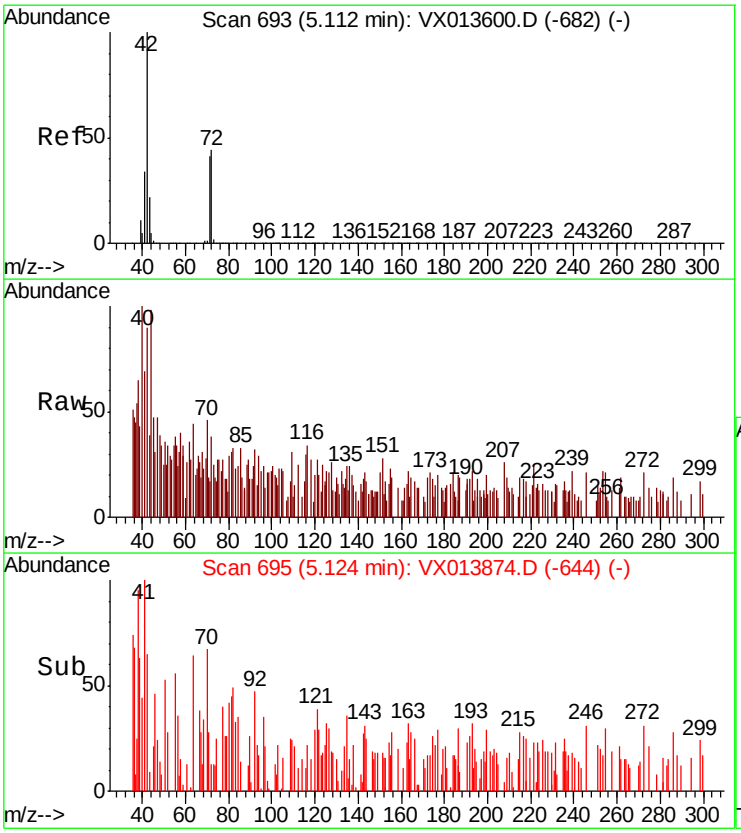
#25
2-Butanone
Concen: 1.178 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.6	31.0

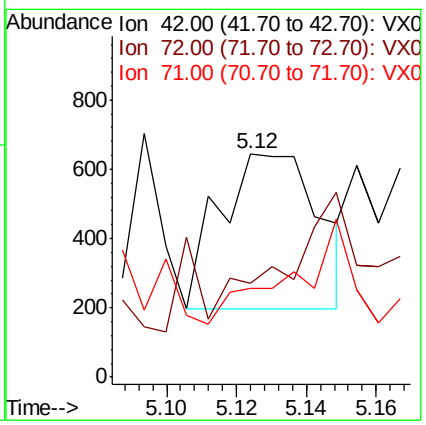


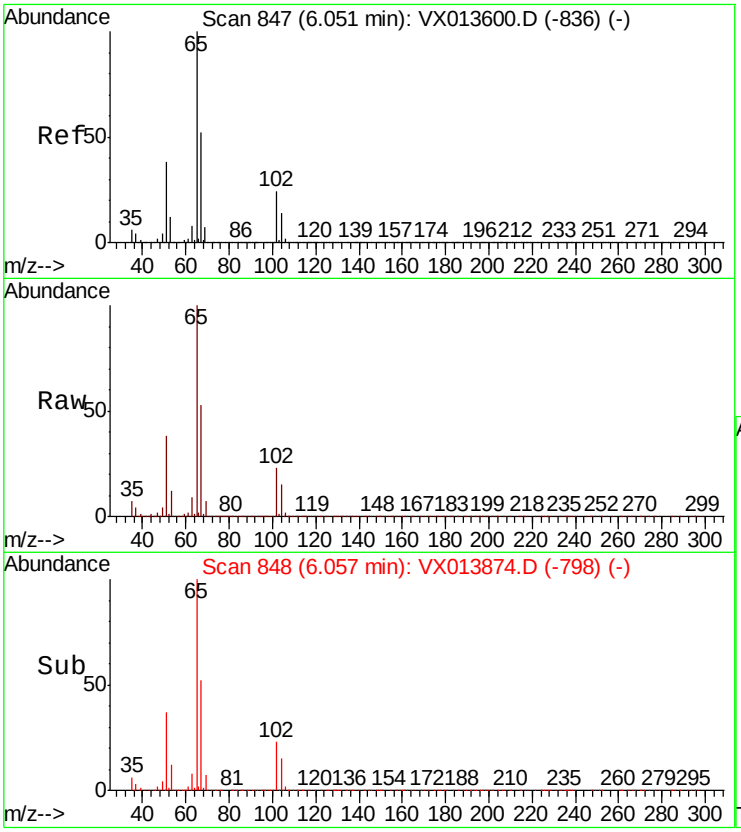


#29
Tetrahydrofuran
Concen: 0.276 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 42 Resp: 885

Ion	Ratio	Lower	Upper
42	100		
72	12.9	36.3	54.5#
71	0.0	33.2	49.8#



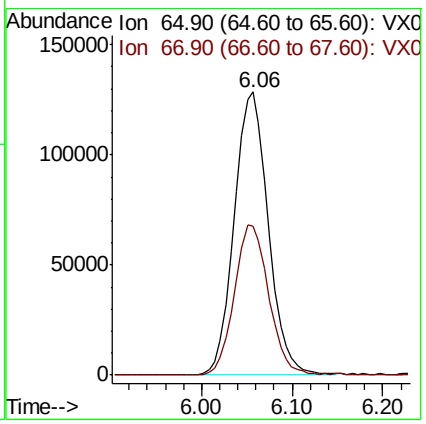


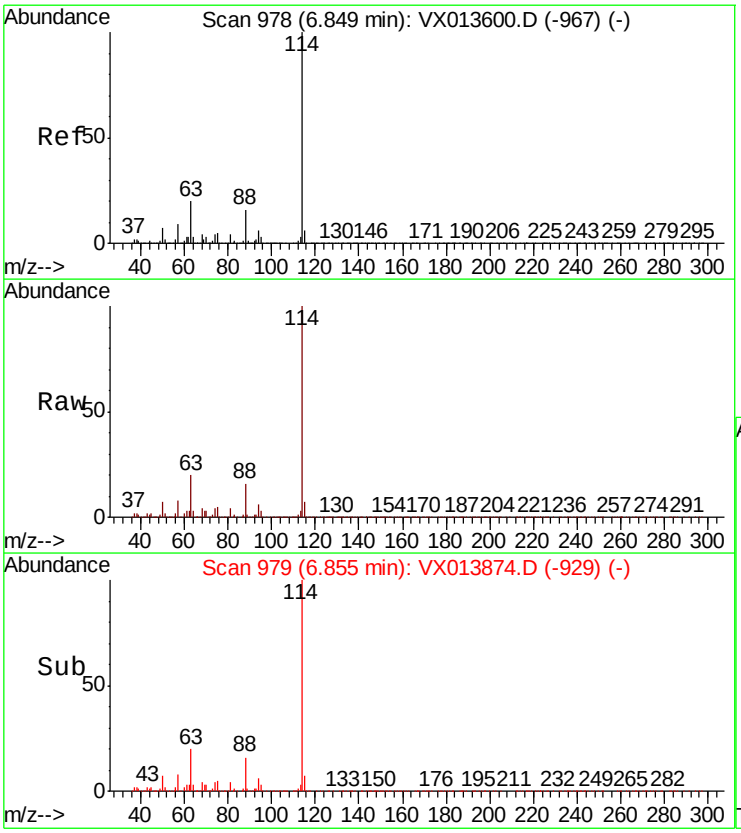
#33
1,2-Dichloroethane-d4
Concen: 47.139 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 65 Resp: 334566

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4

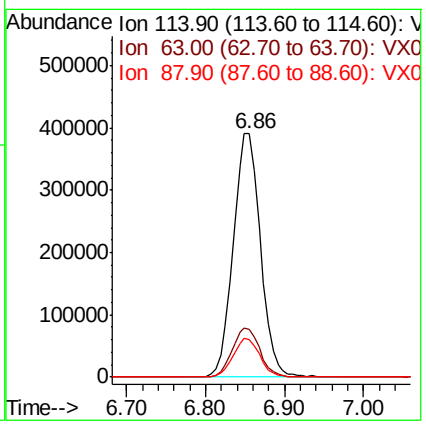


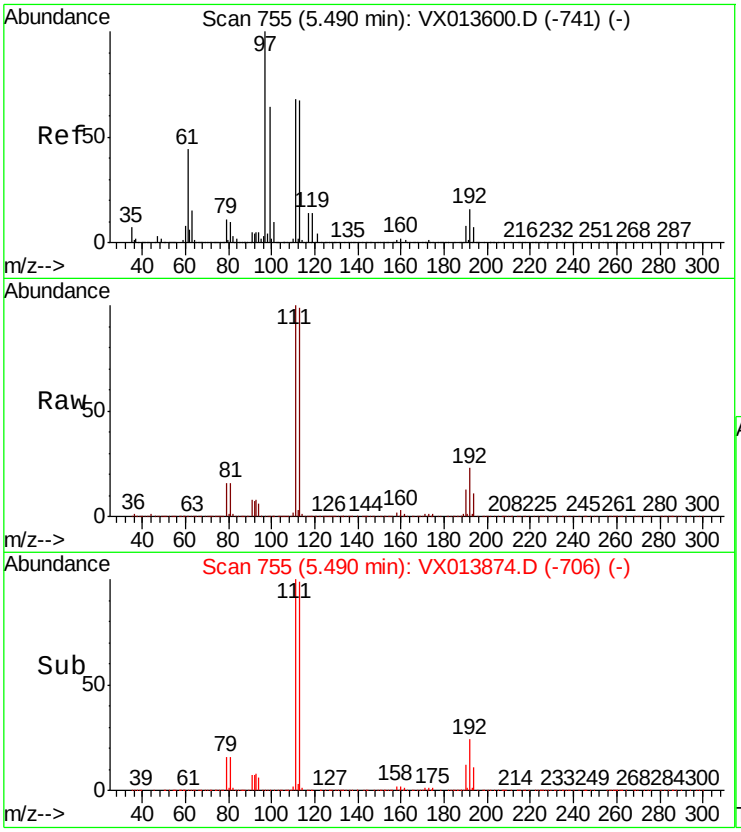


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:114 Resp: 938433

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.7	0.0	31.4



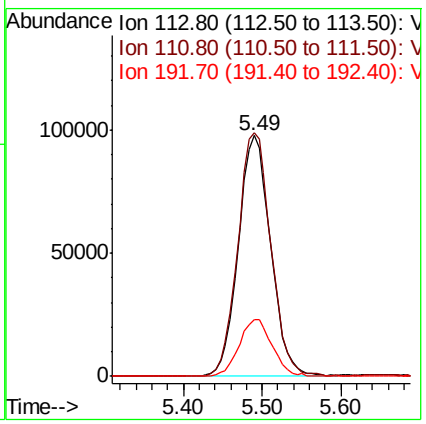


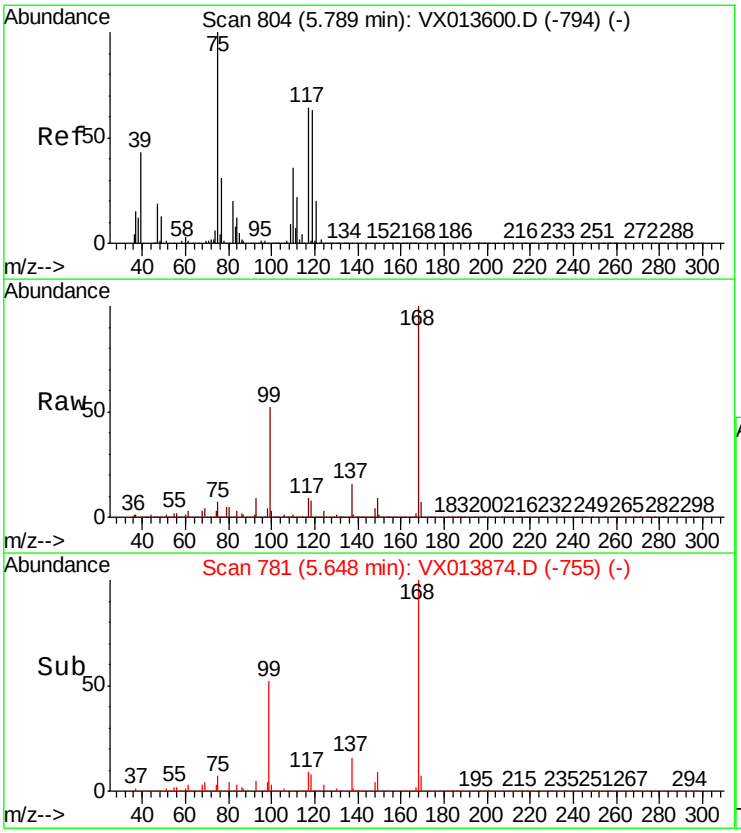
#35
Dibromofluoromethane
Concen: 48.032 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion:113 Resp: 278660

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	24.4	19.2	28.8

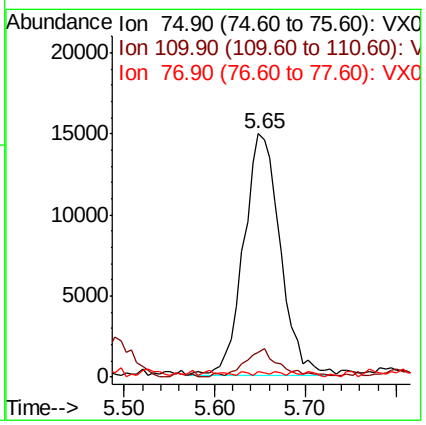


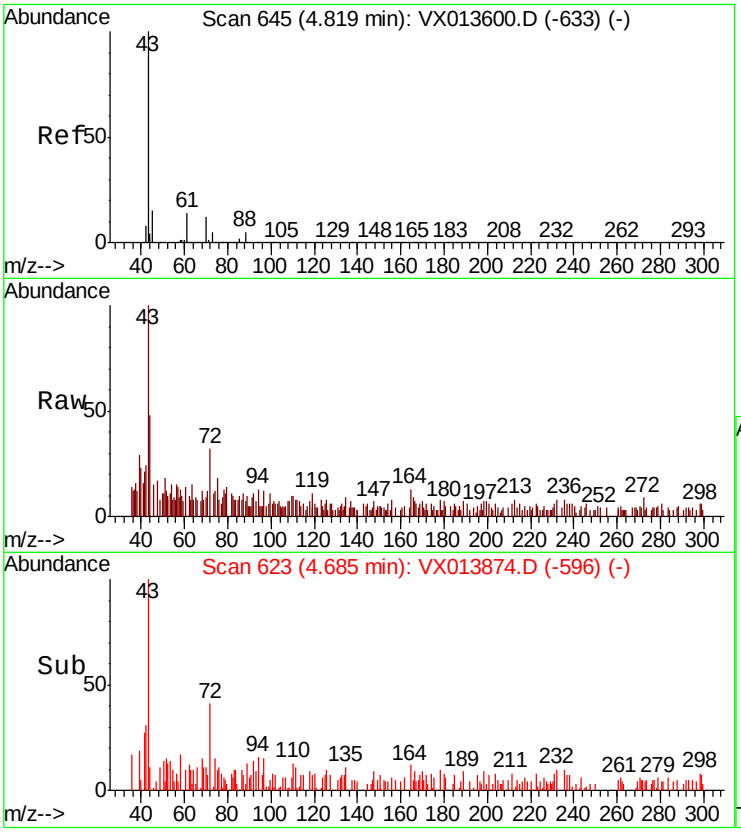


#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 75 Resp: 41600

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.1#
77	0.8	24.5	36.7#



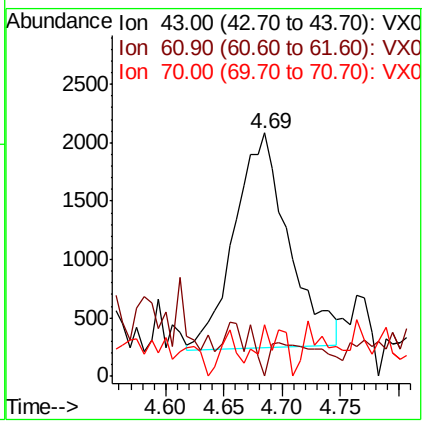


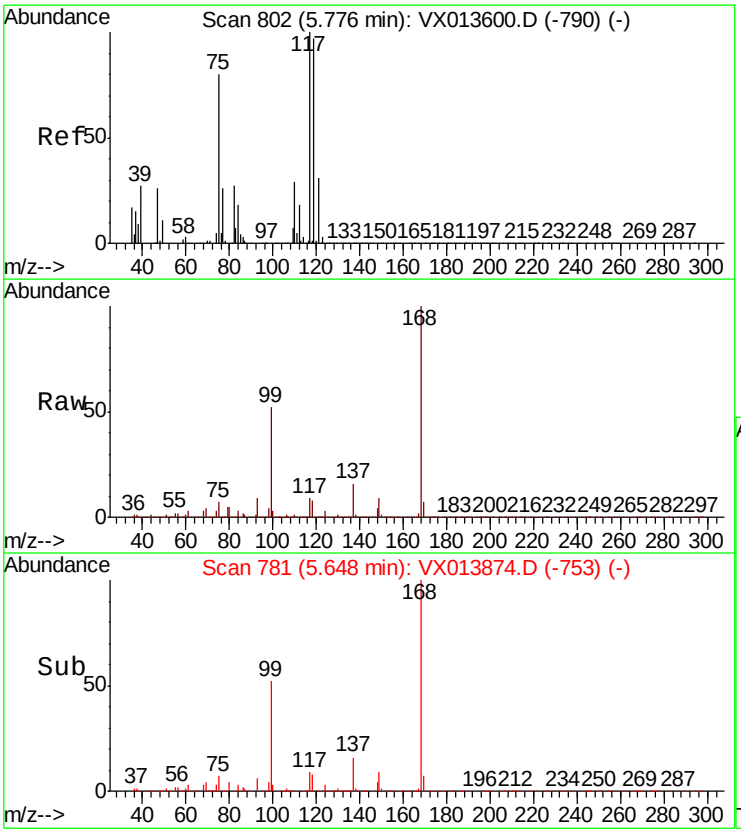
#37
Ethyl Acetate
Concen: 0.622 ug/l
RT: 4.69 min Scan# 623
Delta R.T. -0.13 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 43 Resp: 5947

Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.0	16.4
70	11.4	8.6	12.8

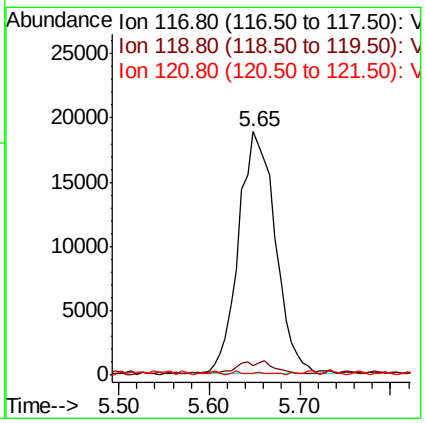


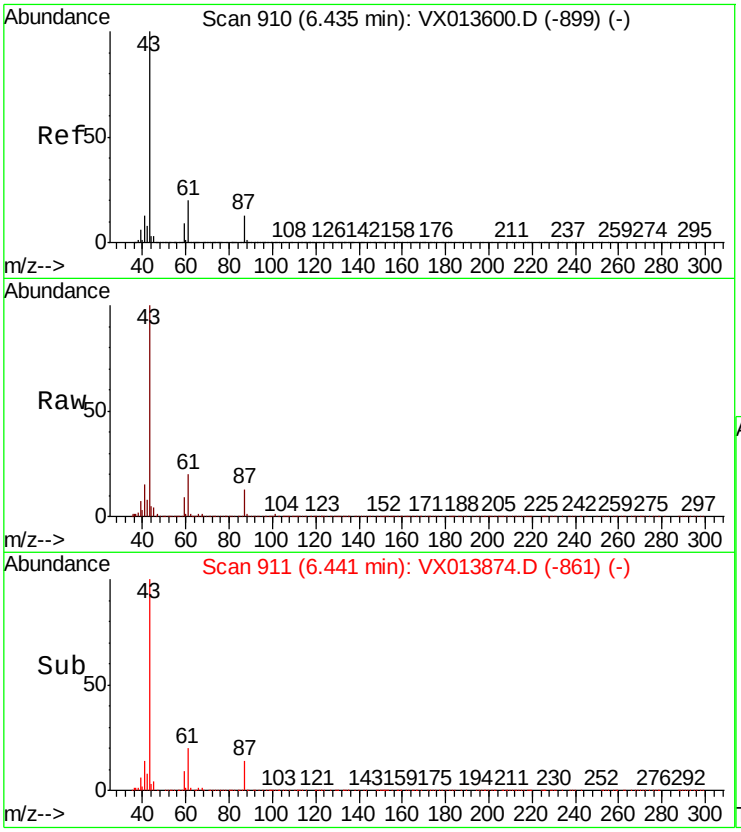


#38
Carbon Tetrachloride
Concen: 6.747 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:117 Resp: 52996

Ion	Ratio	Lower	Upper
117	100		
119	3.3	77.5	116.3#
121	0.1	25.0	37.6#



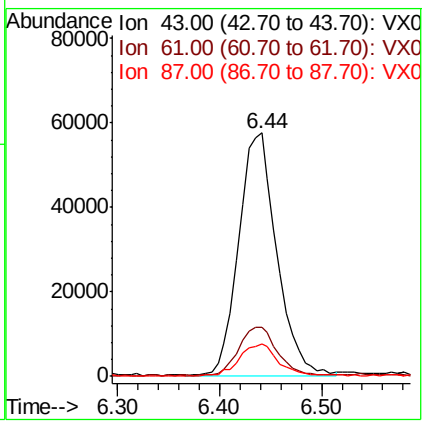


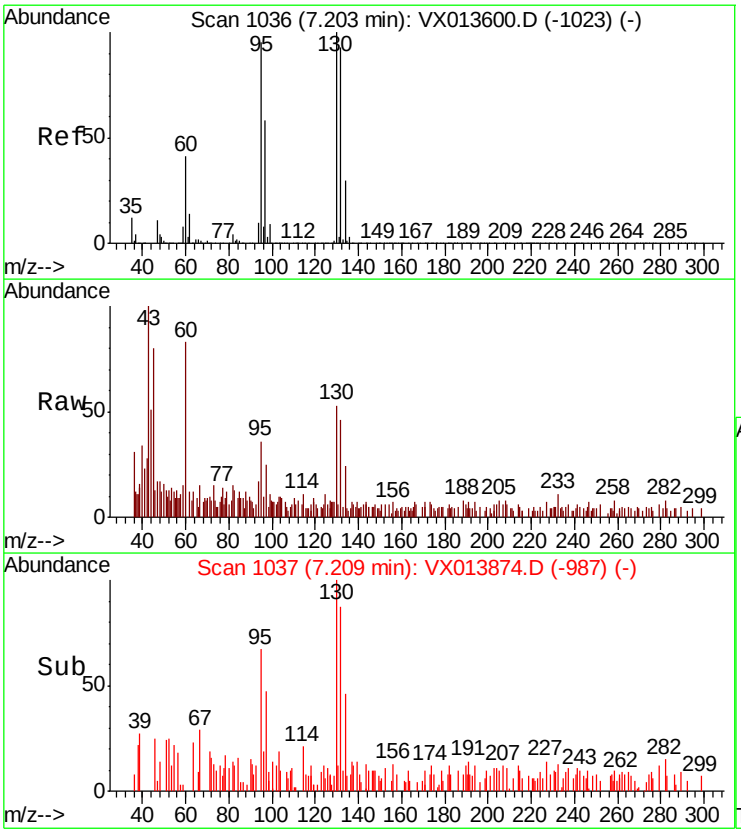
#43
Isopropyl Acetate
Concen: 9.558 ug/l
RT: 6.44 min Scan# 911
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 43 Resp: 150377

Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.3	24.5
87	13.1	10.8	16.2

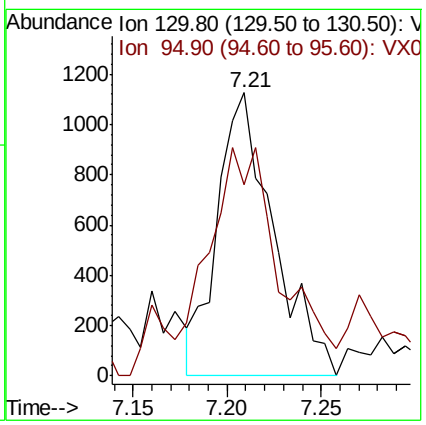


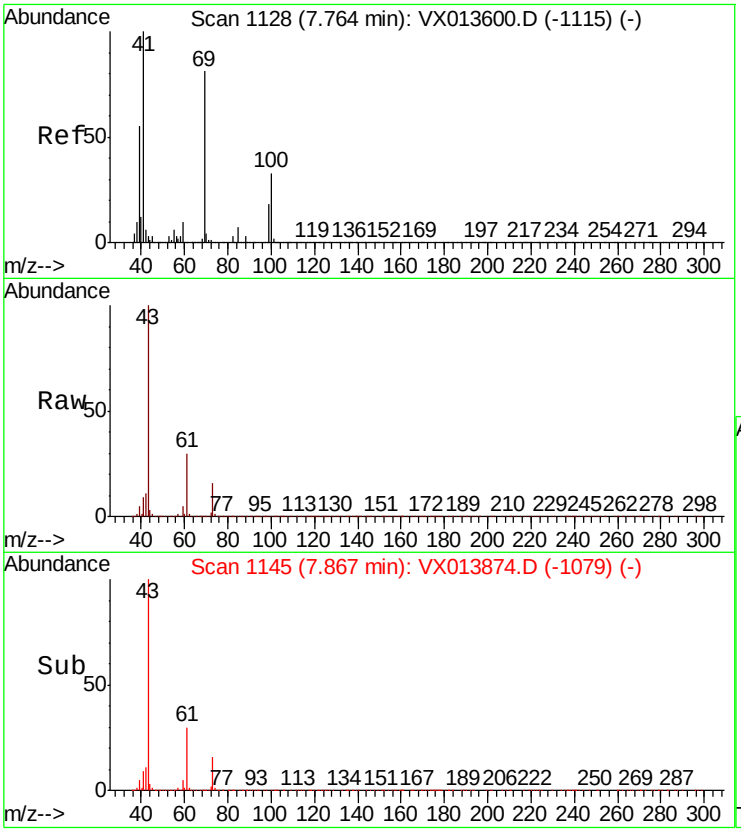


#44
Trichloroethene
Concen: 0.328 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:130 Resp: 2333

Ion	Ratio	Lower	Upper
130	100		
95	57.7	0.0	190.8



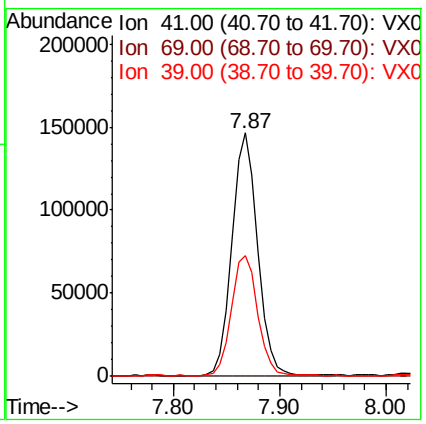


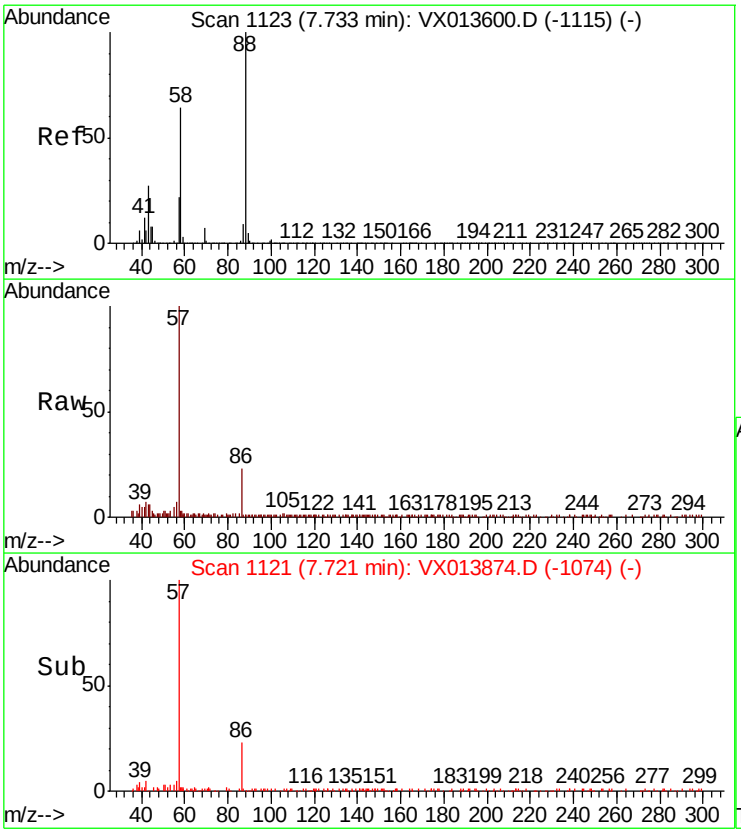
#48
Methyl methacrylate
Concen: 32.391 ug/l
RT: 7.87 min Scan# 1145
Delta R.T. 0.10 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion: 41 Resp: 247612

Ion	Ratio	Lower	Upper
41	100		
69	0.3	64.7	97.1#
39	50.9	43.8	65.6

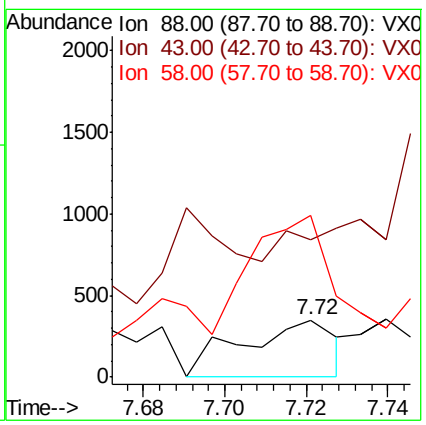


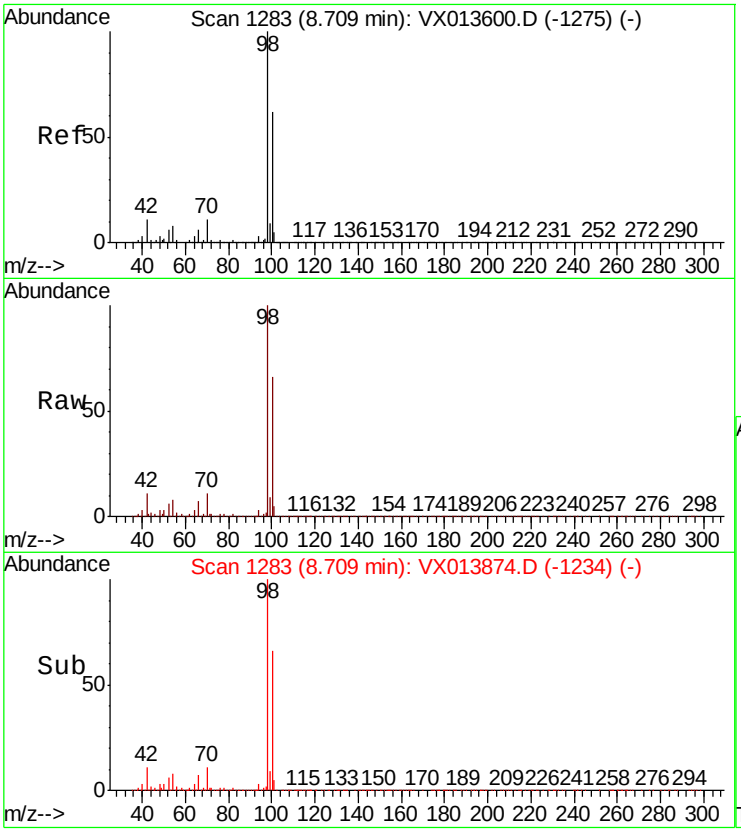


#49
1,4-Dioxane
Concen: 3.226 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 88 Resp: 552

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	181.9	54.6	82.0#



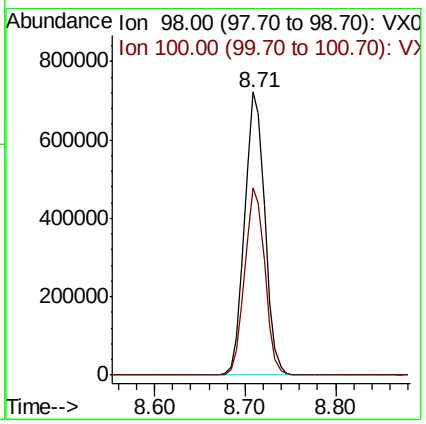


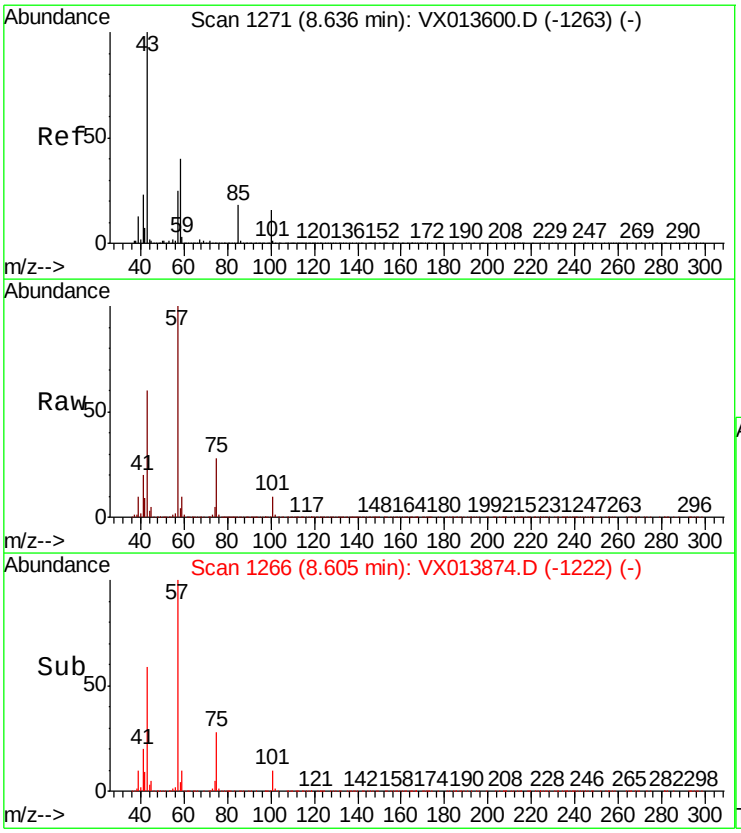
#50
Toluene-d8
Concen: 49.100 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 98 Resp: 1109832

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7

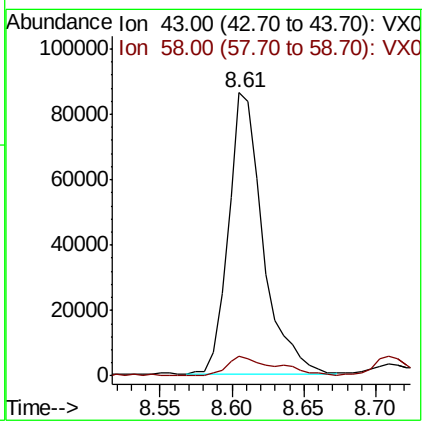


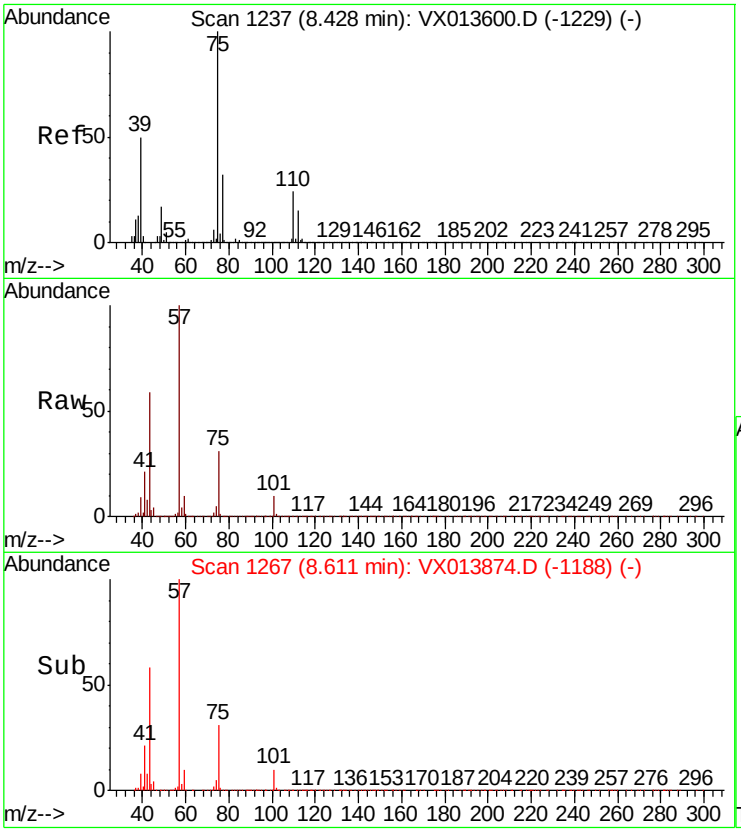


#51
4-Methyl-2-Pentanone
Concen: 14.536 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 43 Resp: 143859

Ion	Ratio	Lower	Upper
43	100		
58	9.0	32.1	48.1#



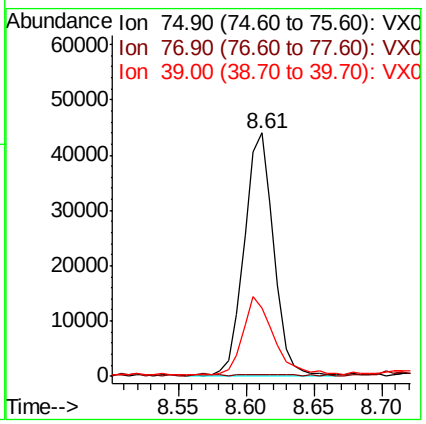


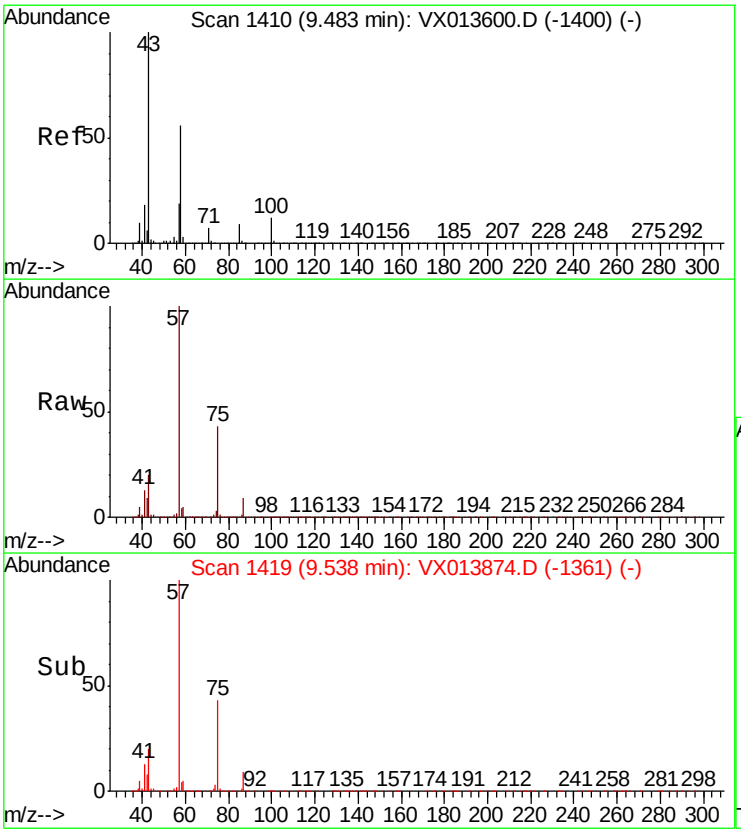
#54
cis-1,3-Dichloropropene
Concen: 6.471 ug/l
RT: 8.61 min Scan# 1267
Delta R.T. 0.18 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 75 Resp: 67068

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	27.4	39.9	59.9#

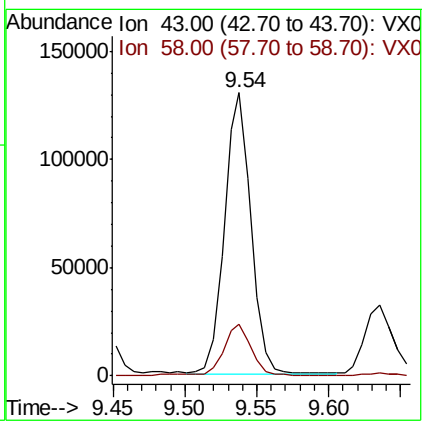


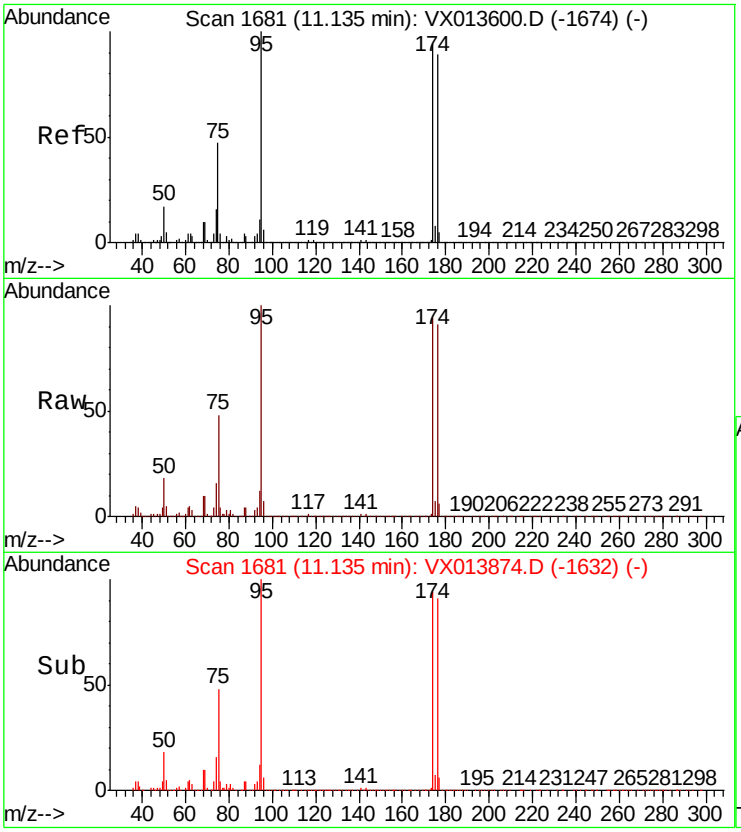


#59
2-Hexanone
Concen: 21.951 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 43 Resp: 169432

Ion	Ratio	Lower	Upper
43	100		
58	19.0	28.1	84.4#



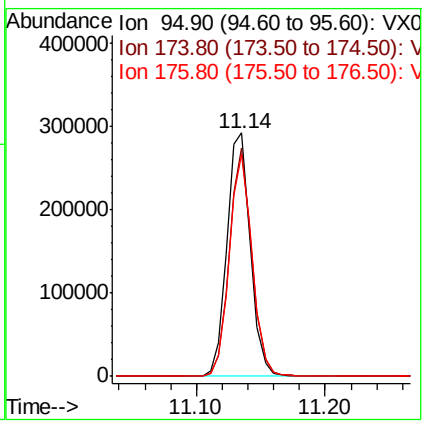


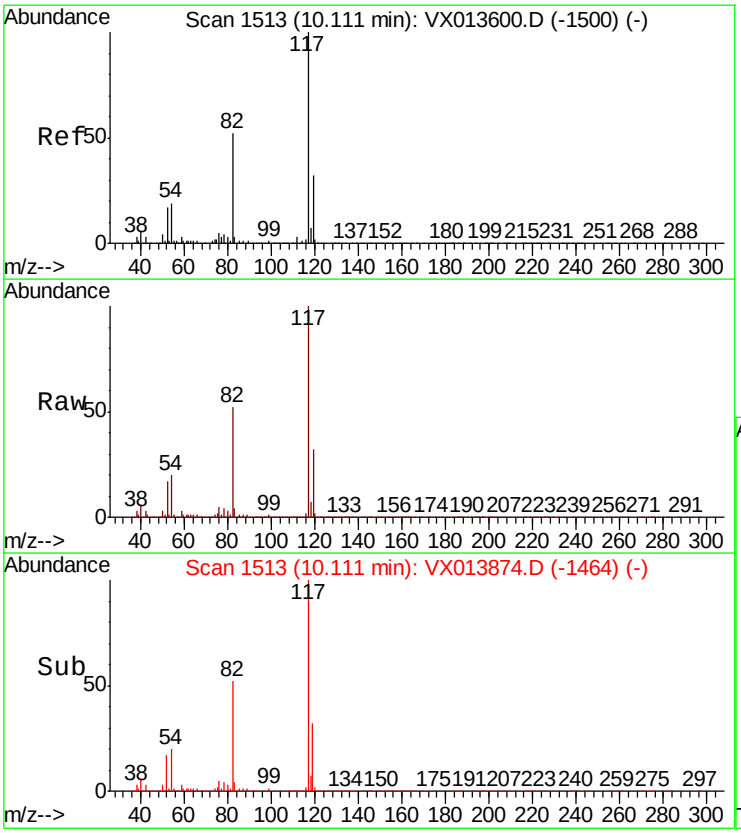
#62
4-Bromofluorobenzene
Concen: 45.891 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 95 Resp: 374050

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.0
176	88.3	0.0	173.6

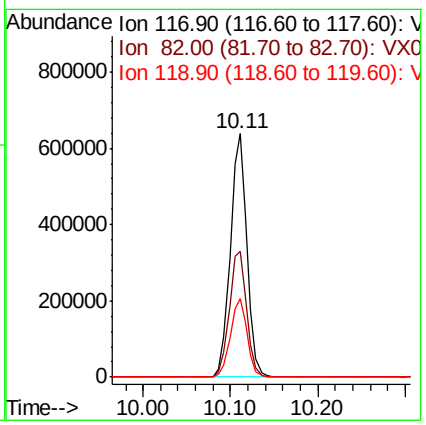


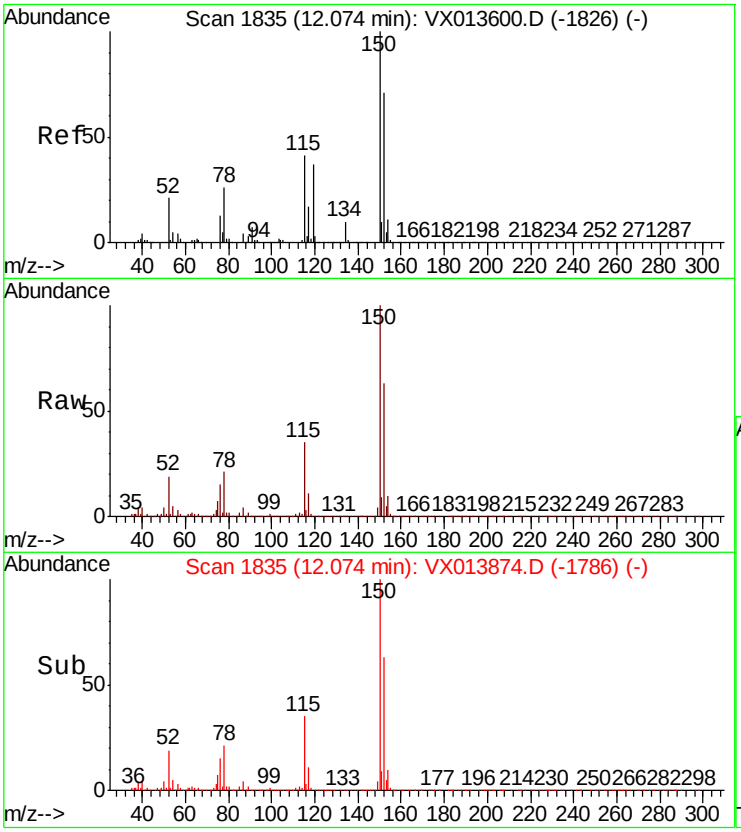


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:117 Resp: 844622

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.8
119	32.0	25.8	38.8



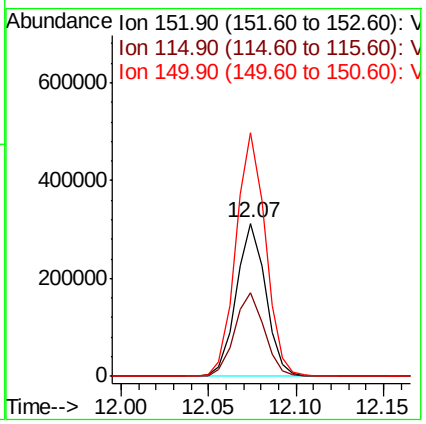


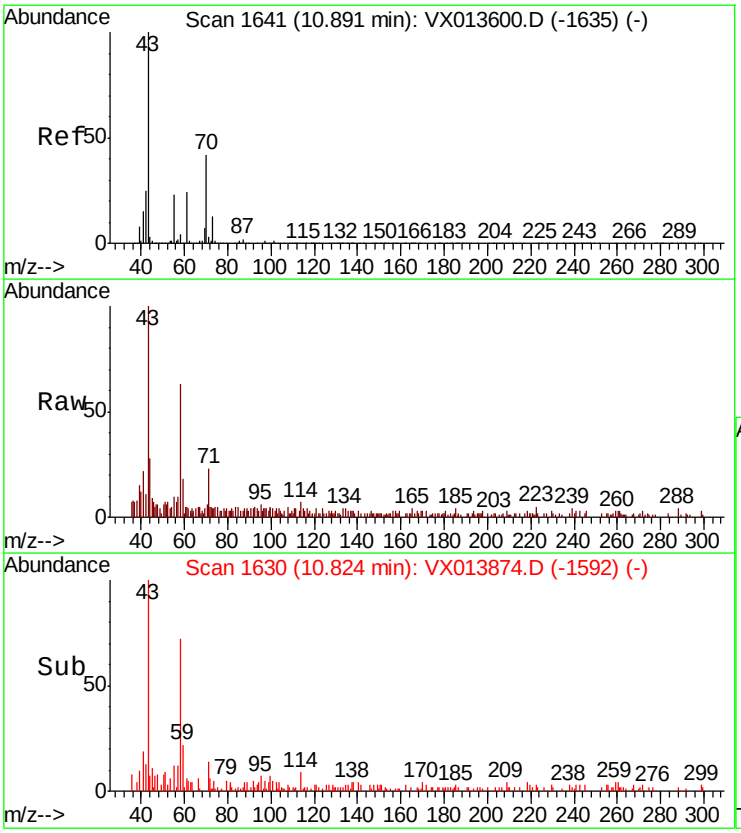
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion:152 Resp: 365772

Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.4	115.1
150	160.8	0.0	346.8

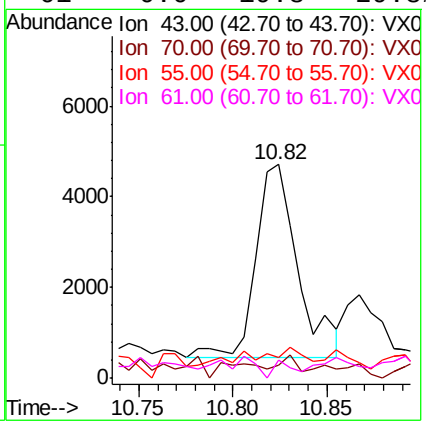


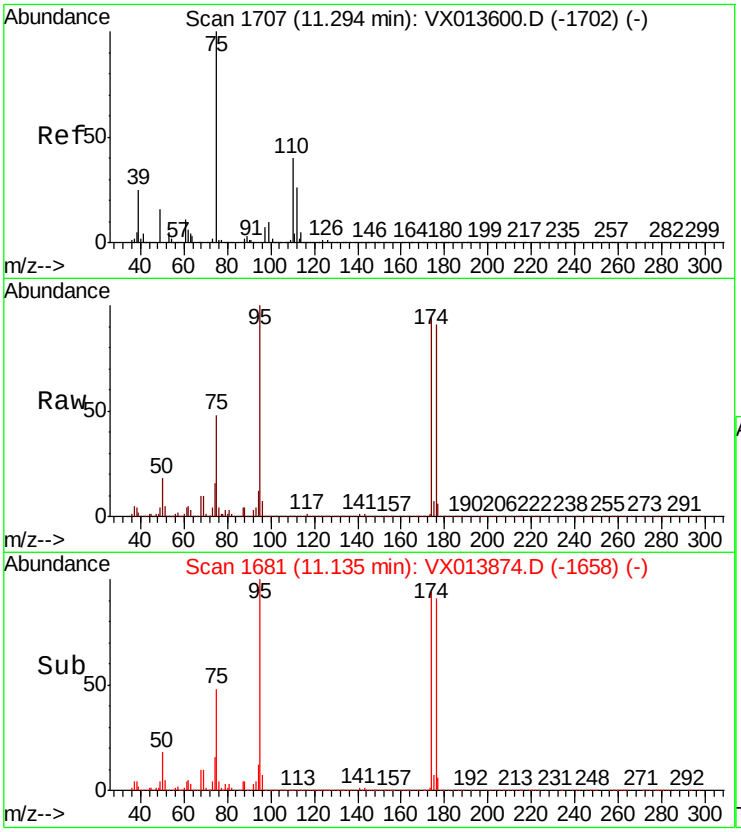


#74
N-amyl acetate
Concen: 0.560 ug/l
RT: 10.82 min Scan# 1630
Delta R.T. -0.07 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 43 Resp: 6584

Ion	Ratio	Lower	Upper
43	100		
70	5.2	34.3	51.5#
55	0.0	18.5	27.7#
61	0.0	19.8	29.8#



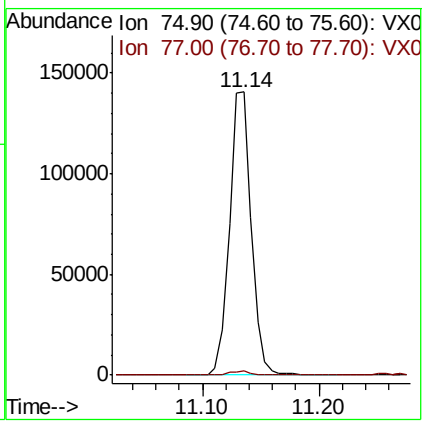


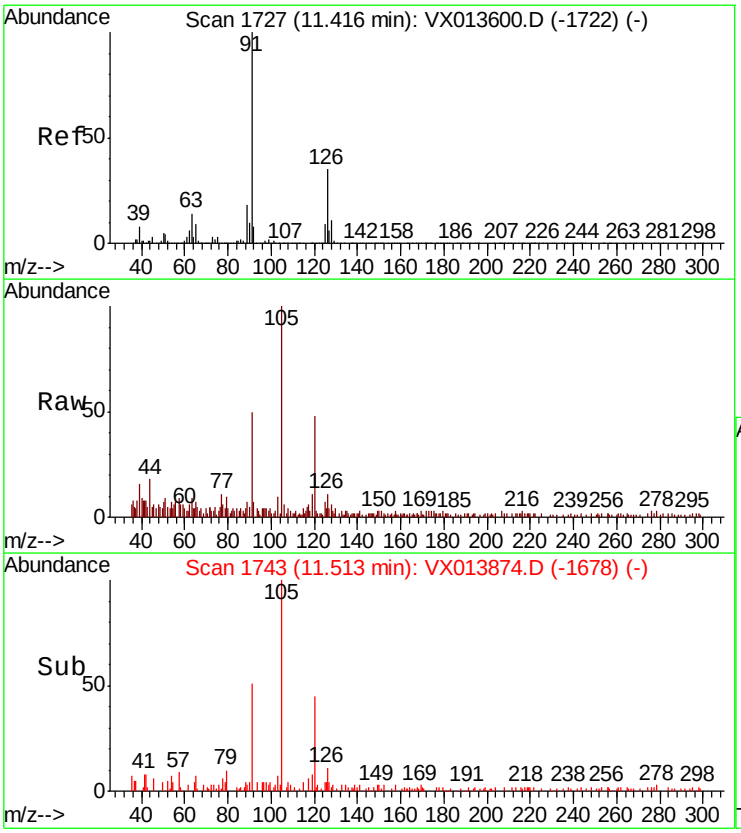
#76
1,2,3-Trichloropropane
Concen: 22.103 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion: 75 Resp: 181837

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#

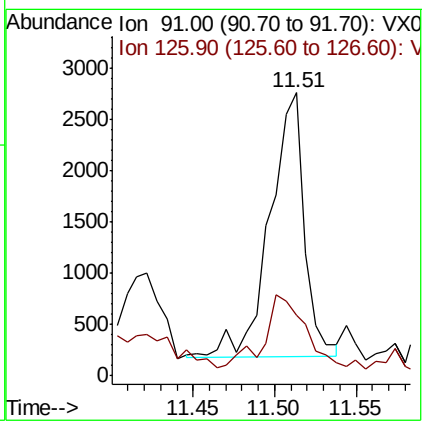


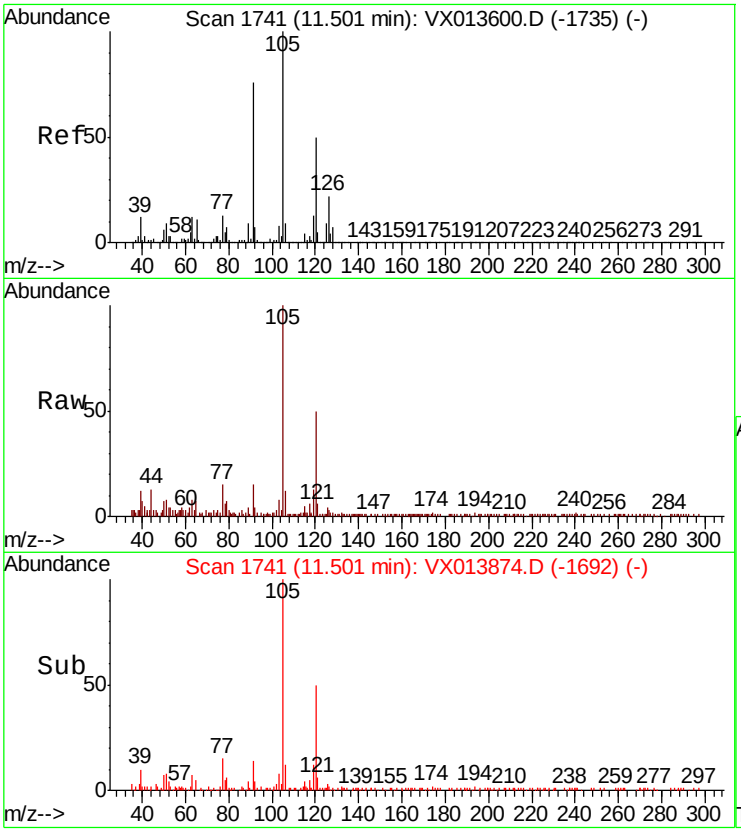


#79
2-Chlorotoluene
Concen: 0.223 ug/l
RT: 11.51 min Scan# 1743
Delta R.T. 0.10 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 91 Resp: 3823

Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.5	52.5



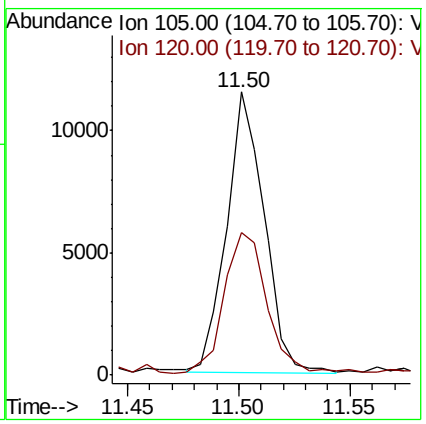


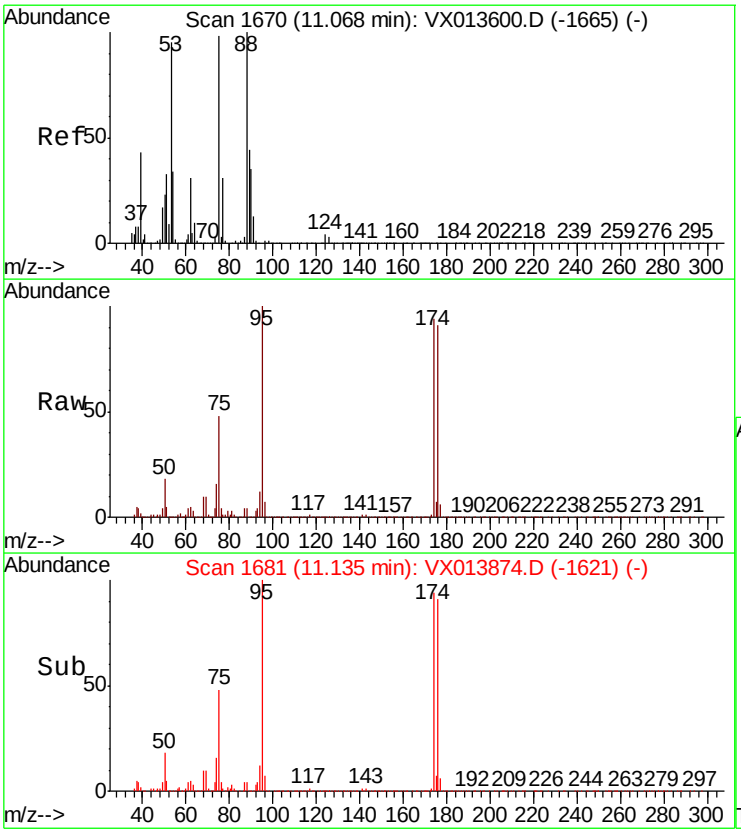
#80
1,3,5-Trimethylbenzene
Concen: 0.640 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument :
MSVOA_X
ClientSampleId :
PB125298TB

Tgt Ion:105 Resp: 13462

Ion	Ratio	Lower	Upper
105	100		
120	57.7	25.3	75.9

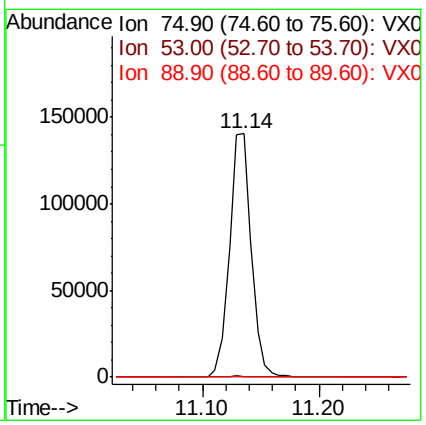


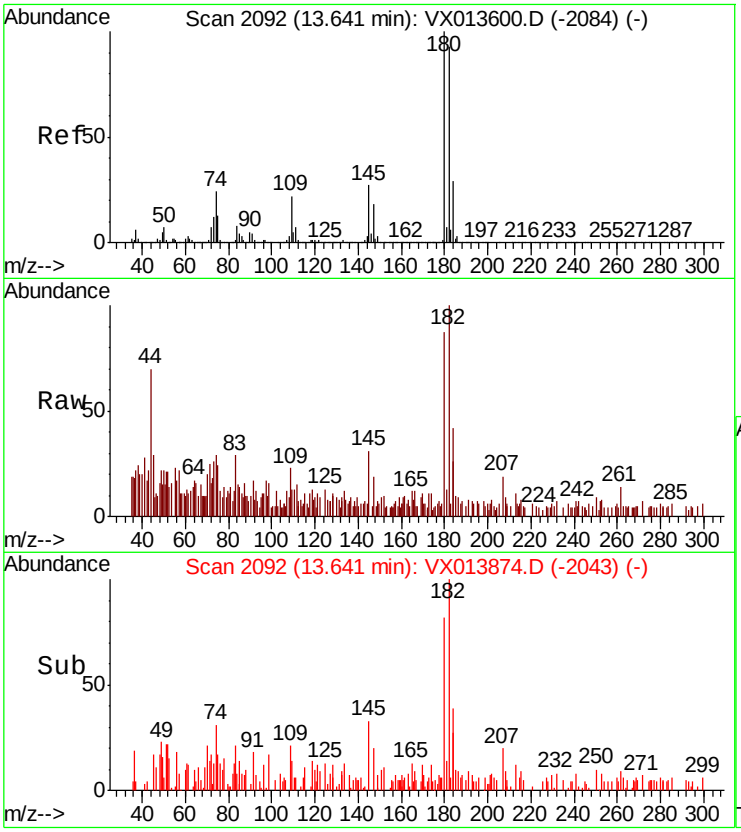


#81
trans-1,4-Dichloro-2-butene
Concen: 60.469 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion: 75 Resp: 181837

Ion	Ratio	Lower	Upper
75	100		
53	0.5	78.2	117.2#
89	0.1	35.4	53.2#



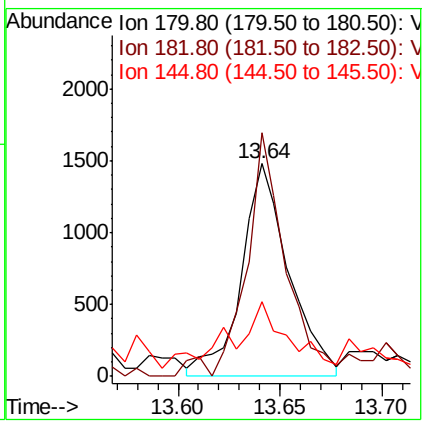


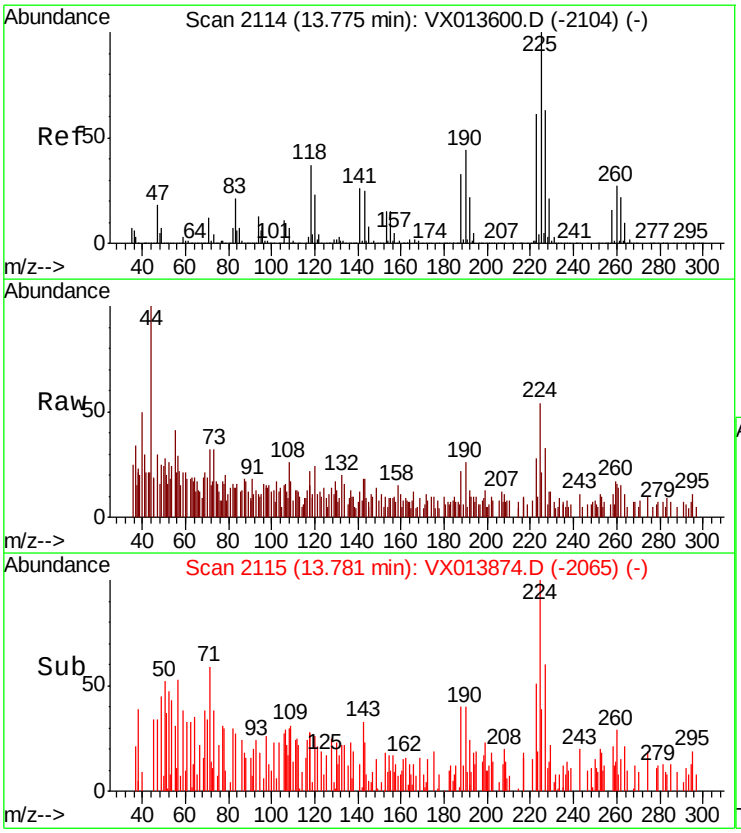
#93
1,2,4-Trichlorobenzene
Concen: 0.288 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion:180 Resp: 2394

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	41.1	13.8	41.4

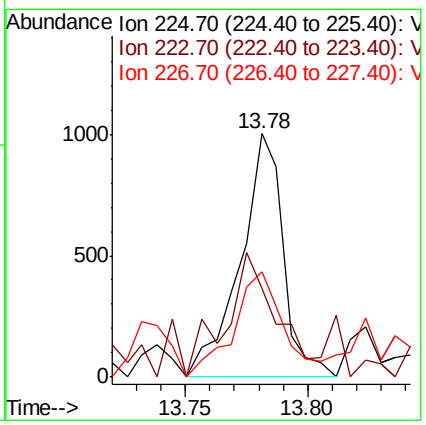


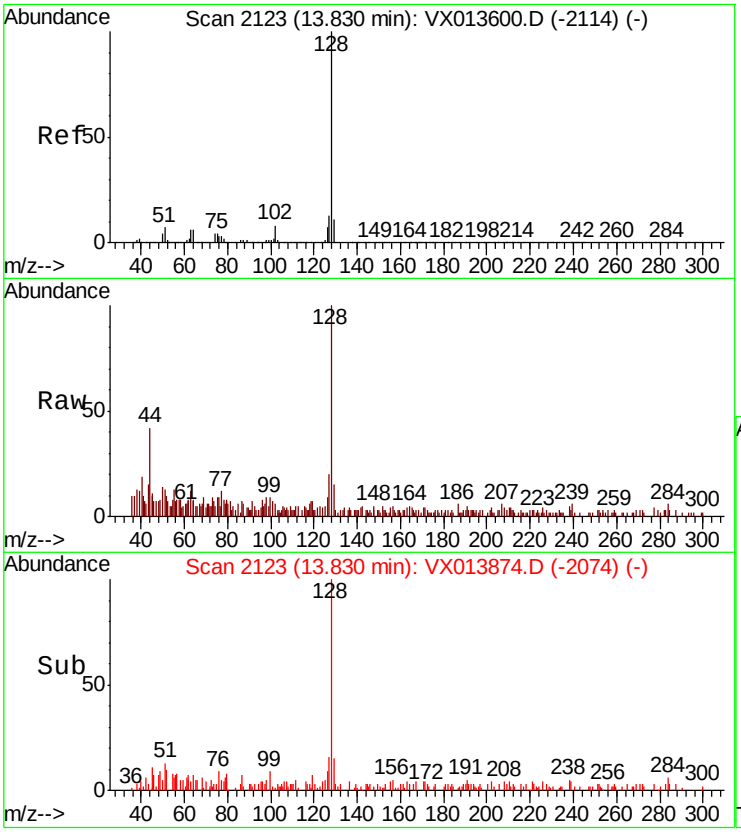


#94
Hexachlorobutadiene
Concen: 0.307 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:225 Resp: 1228

Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.5
227	50.3	32.1	96.3



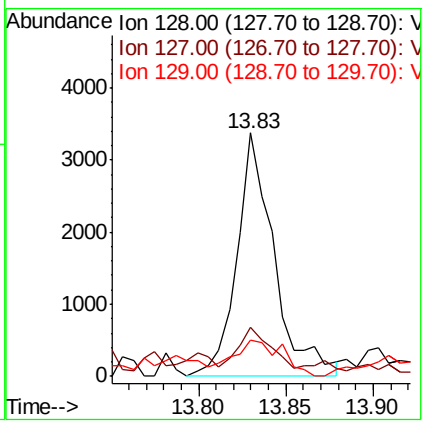


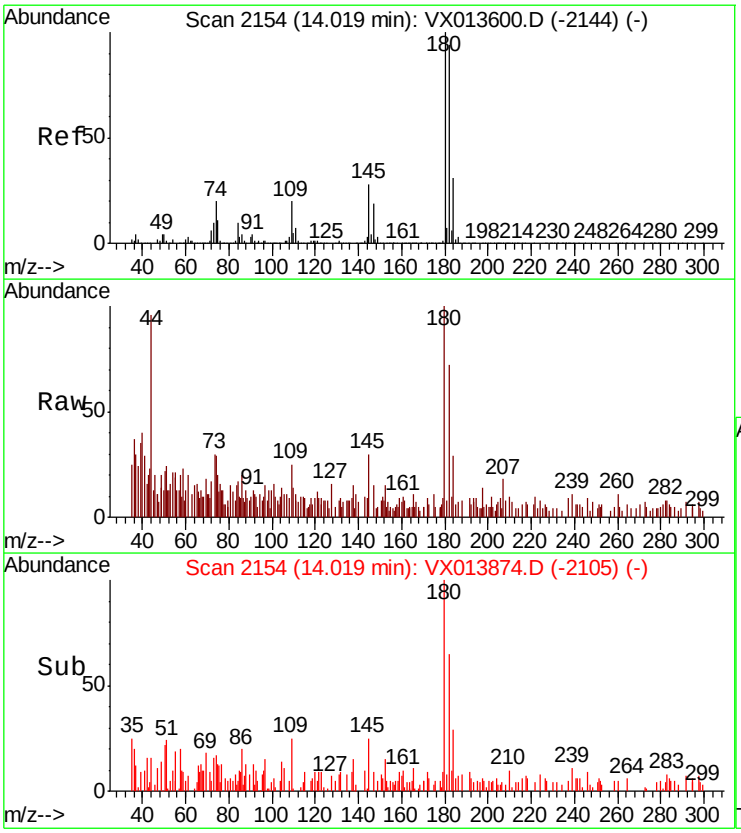
#95
Naphthalene
Concen: 0.202 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Instrument : MSVOA_X
ClientSampleId : PB125298TB

Tgt Ion:128 Resp: 5008

Ion	Ratio	Lower	Upper
128	100		
127	19.6	10.3	15.5#
129	19.7	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.292 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX013874.D
Acq: 10 Dec 2019 01:07

Tgt Ion:180 Resp: 2404

Ion	Ratio	Lower	Upper
180	100		
182	85.7	47.6	142.8
145	29.0	15.0	45.0