Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111519\
Data File : VX013437.D
Acq On : 15 Nov 2019 11:33
Operator : JC/SP
Sample : K5842-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S36-0165

Quant Time: Nov 15 22:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	694032	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1102197	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	969465	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	423382	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	404577	49.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.42%				
35) Dibromofluoromethane	5.49	113	337471	48.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.64%				
50) Toluene-d8	8.71	98	1315229	50.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.94%				
62) 4-Bromofluorobenzene	11.13	95	425427	45.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.46%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	17593	2.029	ug/l	#	53
4) Vinyl Chloride	1.40	62	39090	3.959	ug/l	#	77
10) Methyl Iodide	2.50	142	2771	0.344	ug/l	#	81
11) Tert butyl alcohol	3.03	59	4406	2.033	ug/l	#	91
13) Acrolein	2.30	56	470	0.400	ug/l	#	14
15) Acrylonitrile	3.15	53	2368	0.585	ug/l	#	51
16) Acetone	2.43	43	8193	1.998	ug/l		97
17) Carbon Disulfide	2.56	76	10520	0.617	ug/l	#	79
21) trans-1,2-Dichloroethene	3.16	96	38452	5.547	ug/l		99
27) cis-1,2-Dichloroethene	4.59	96	64809	8.346	ug/l		86
36) 1,1-Dichloropropene	5.65	75	48381	5.117	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	61015	6.599	ug/l	#	15
44) Trichloroethene	7.21	130	70645	8.713	ug/l		89
49) 1,4-Dioxane	7.72	88	300	1.442	ug/l	#	39
51) 4-Methyl-2-Pentanone	8.64	43	2661	0.223	ug/l		95
56) Ethyl methacrylate	9.18	69	256	1.582	ug/l	#	69
71) Bromoform	10.86	173	293	3.244	ug/l	#	28
76) 1,2,3-Trichloropropane	11.13	75	206210	23.979	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	206210	61.723	ug/l	#	9
93) 1,2,4-Trichlorobenzene	13.64	180	2657	0.286	ug/l	#	74
94) Hexachlorobutadiene	13.78	225	1144	0.251	ug/l		94
96) 1,2,3-Trichlorobenzene	14.01	180	1893	0.203	ug/l	#	83

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

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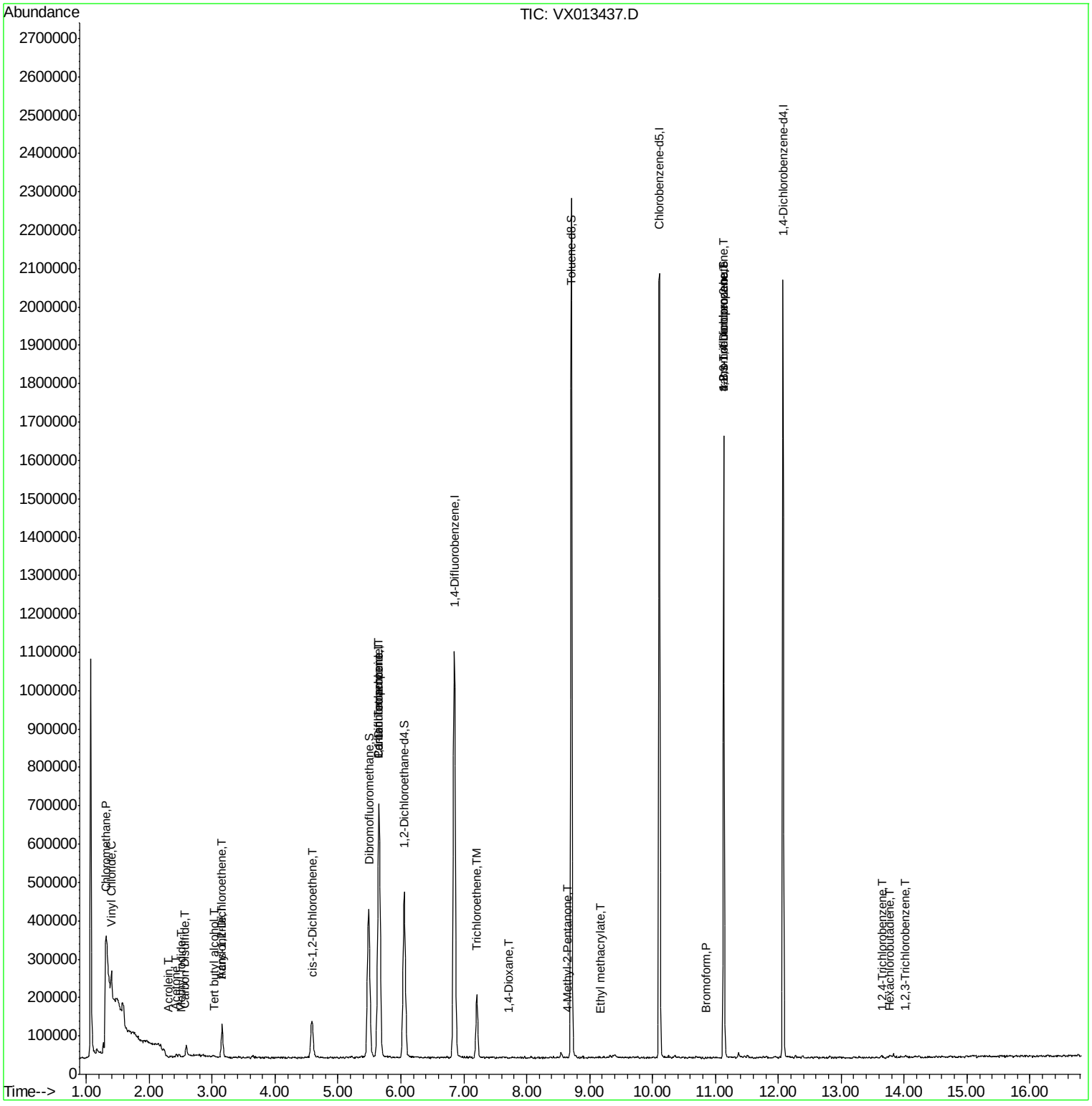
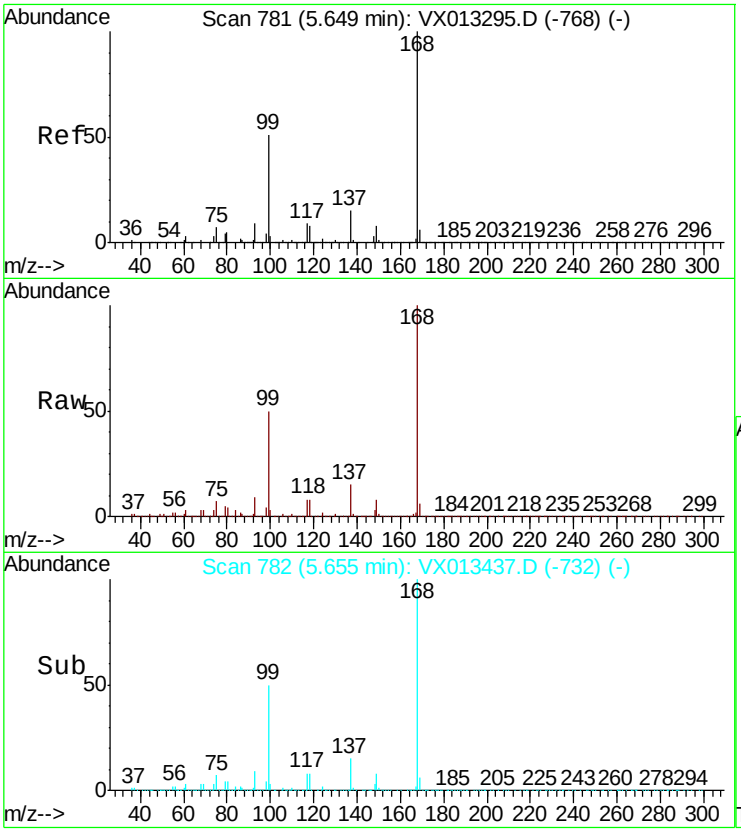
Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Quant Time: Nov 15 22:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



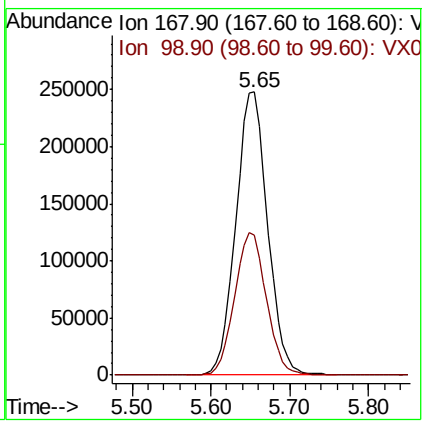


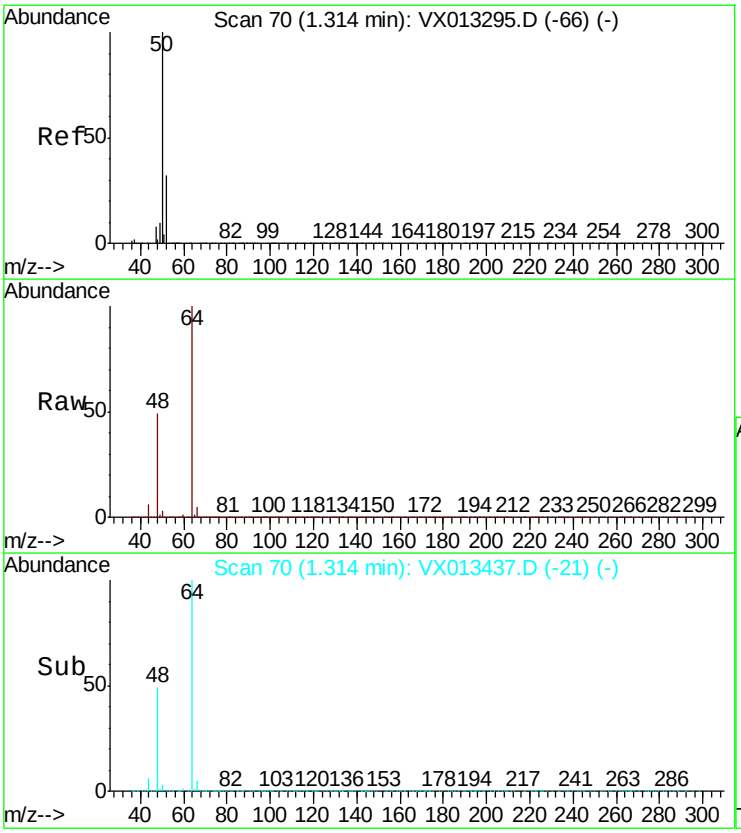
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument : MSVOA_X
ClientSampleId : S36-0165

Tgt Ion:168 Resp: 694032

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.8	61.2

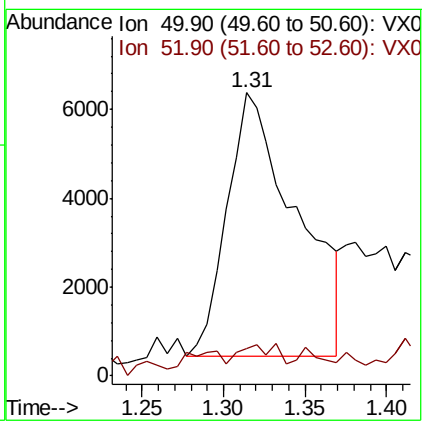


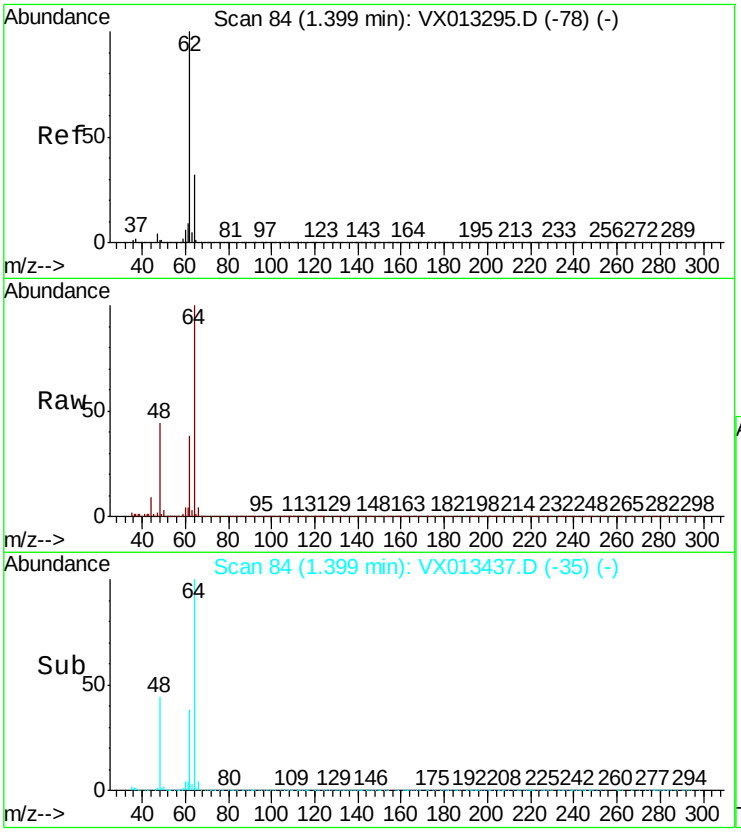


#3
Chloromethane
Concen: 2.029 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 50 Resp: 17593

Ion	Ratio	Lower	Upper
50	100		
52	5.5	25.5	38.3#



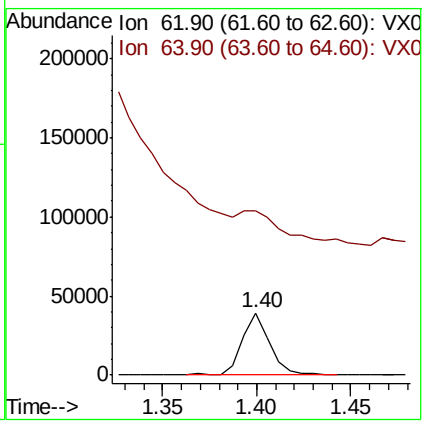


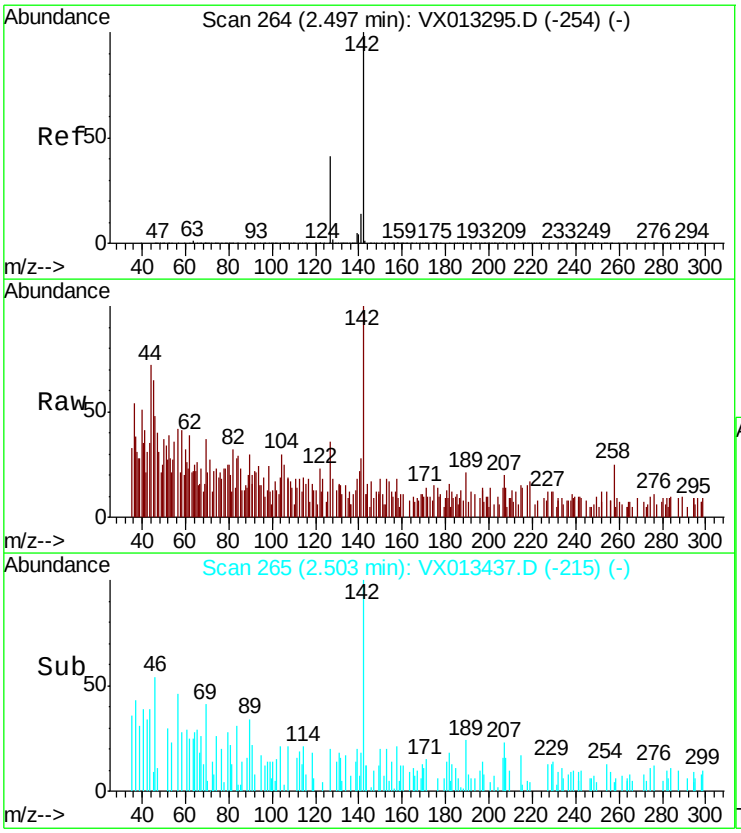
#4
Vinyl Chloride
Concen: 3.959 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument : MSVOA_X
ClientSampleId : S36-0165

Tgt Ion: 62 Resp: 39090

Ion	Ratio	Lower	Upper
62	100		
64	44.9	25.6	38.4#

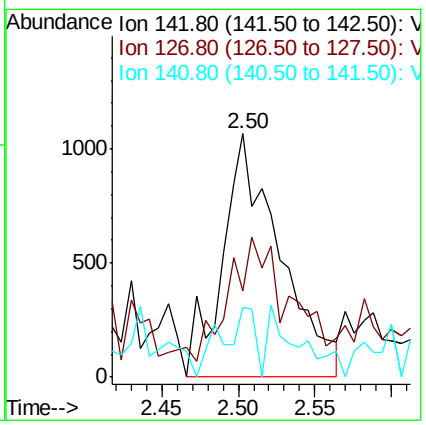


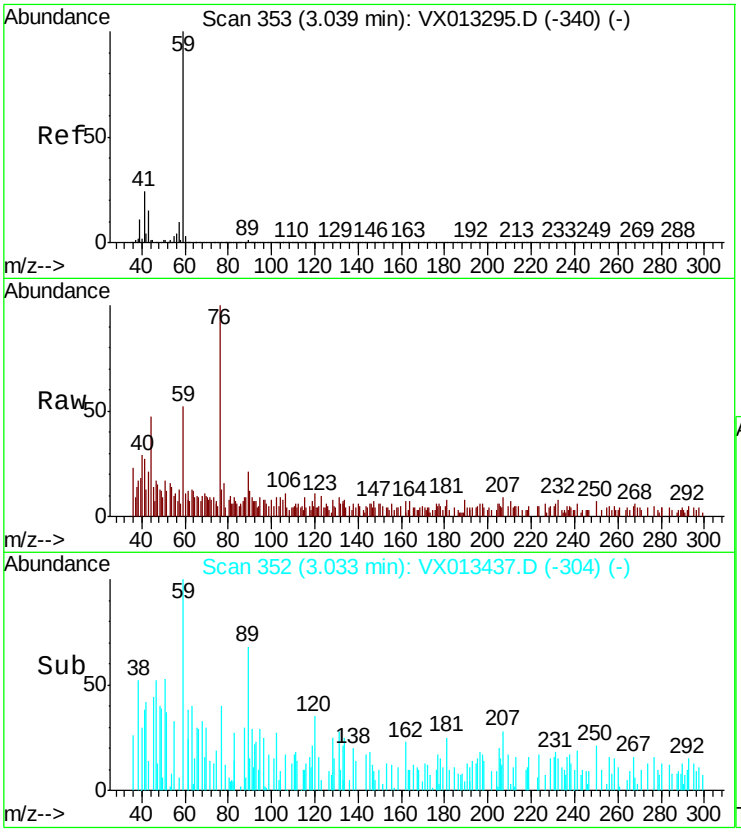


#10
Methyl Iodide
Concen: 0.344 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:142 Resp: 2771

Ion	Ratio	Lower	Upper
142	100		
127	53.3	32.6	49.0#
141	7.9	11.6	17.4#



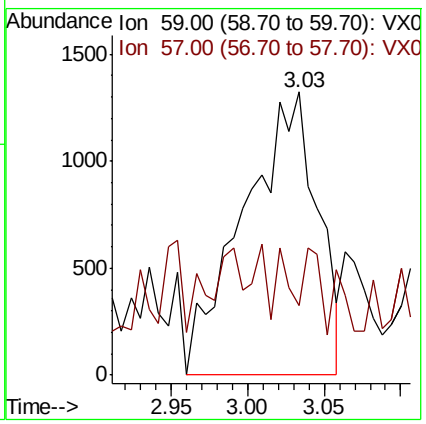


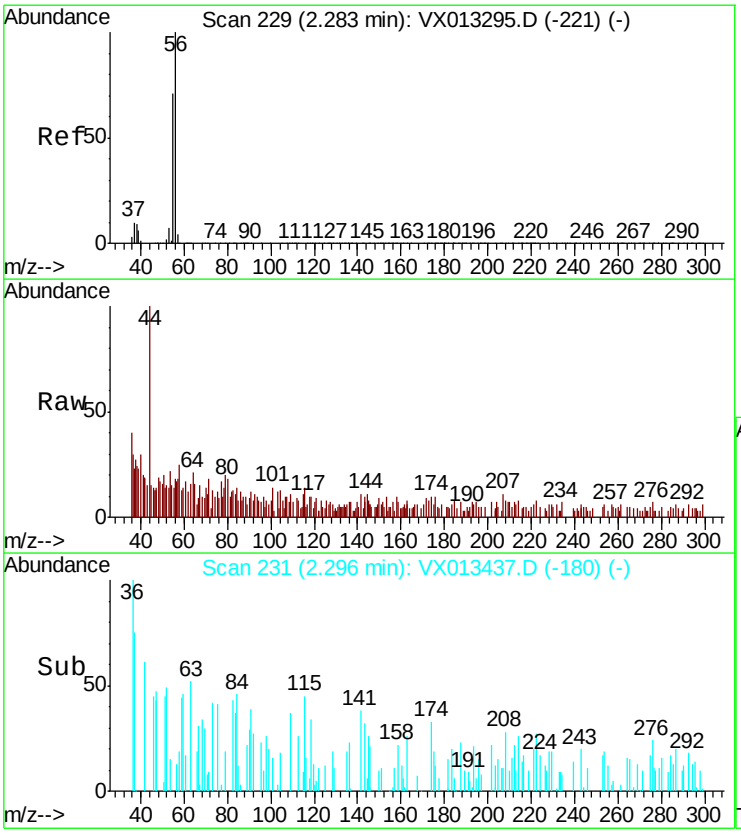
#11
Tert butyl alcohol
Concen: 2.033 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 59 Resp: 4406

Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.0	12.0#

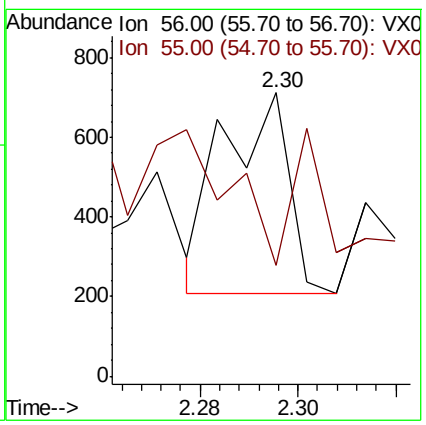


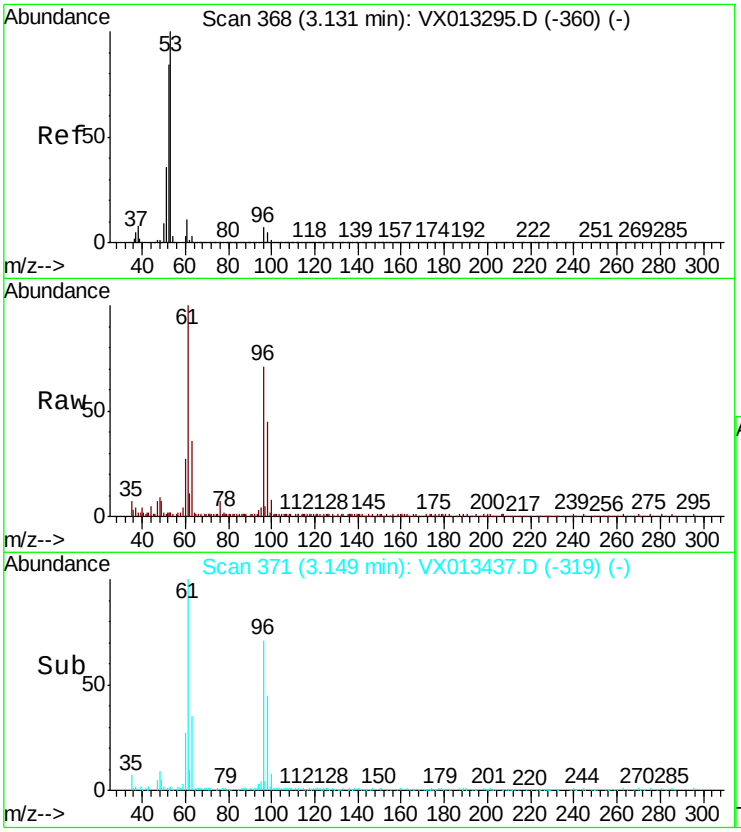


#13
Acrolein
Concen: 0.400 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 56 Resp: 470

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.0#



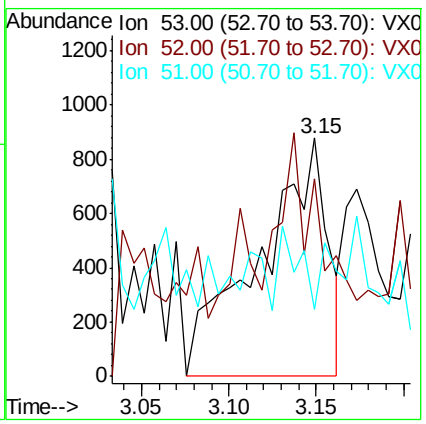


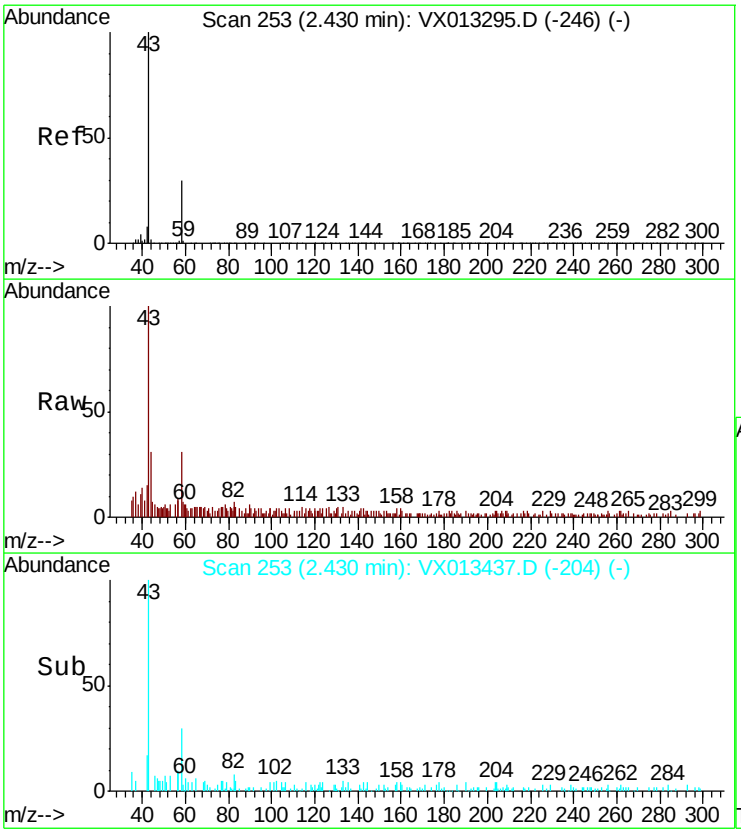
#15
Acrylonitrile
Concen: 0.585 ug/l
RT: 3.15 min Scan# 371
Delta R.T. 0.02 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument : MSVOA_X
ClientSampleId : S36-0165

Tgt Ion: 53 Resp: 2368

Ion	Ratio	Lower	Upper
53	100		
52	37.7	67.4	101.0#
51	10.4	29.4	44.2#

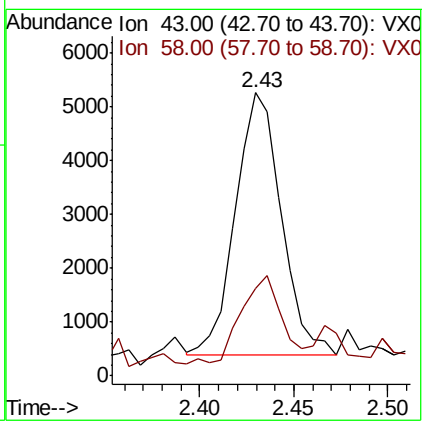


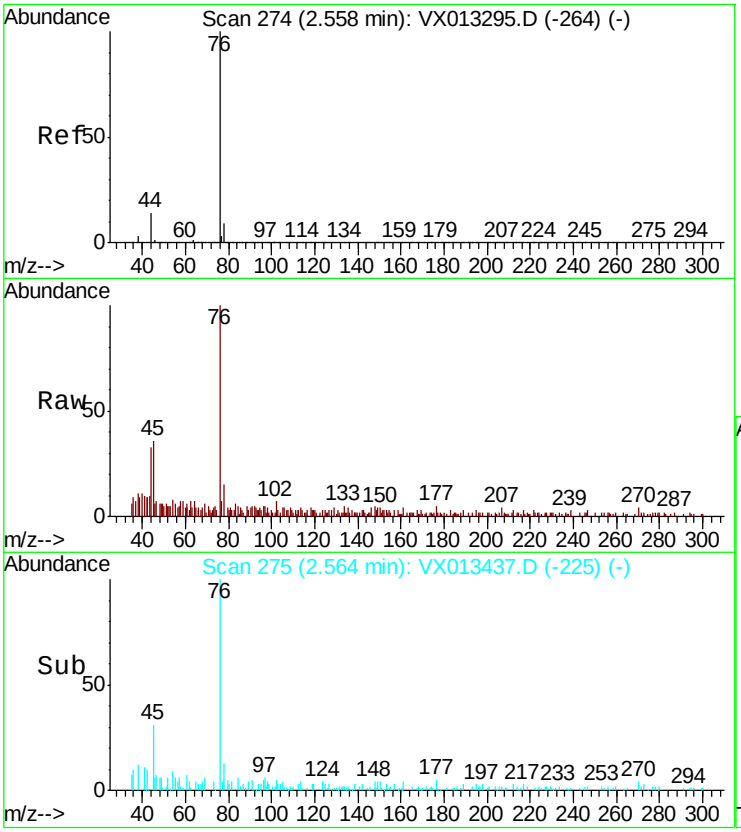


#16
Acetone
Concen: 1.998 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 43 Resp: 8193

Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.3	36.5



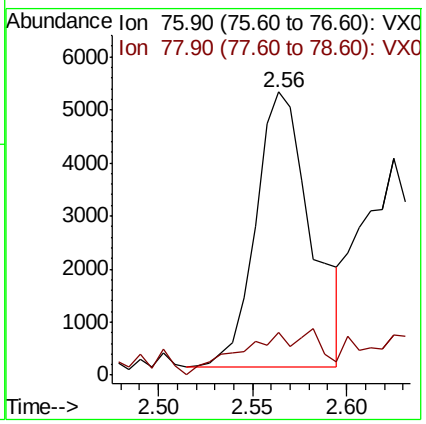


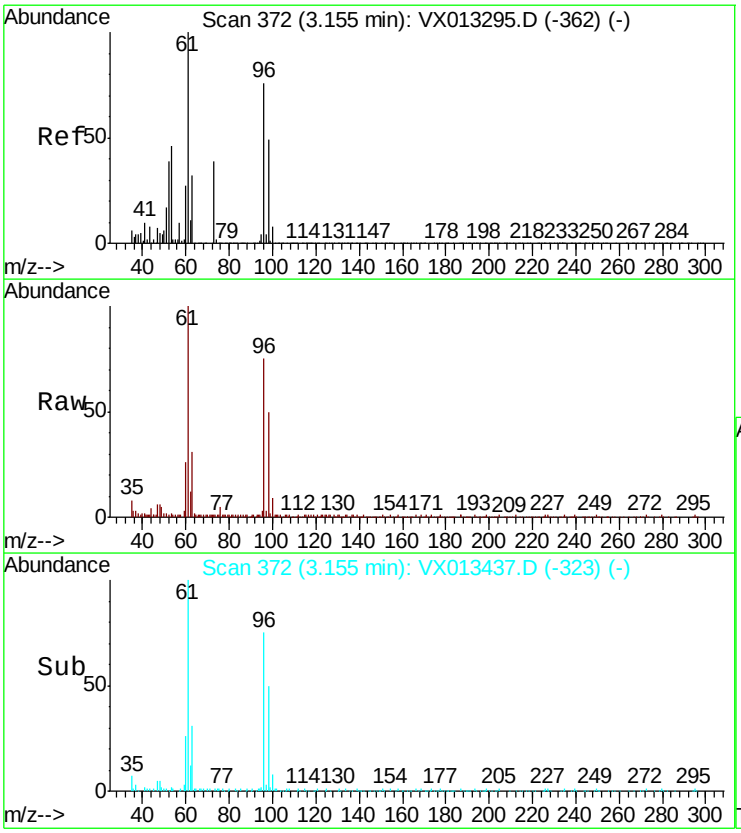
#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 76 Resp: 10520

Ion	Ratio	Lower	Upper
76	100		
78	16.3	7.0	10.6#

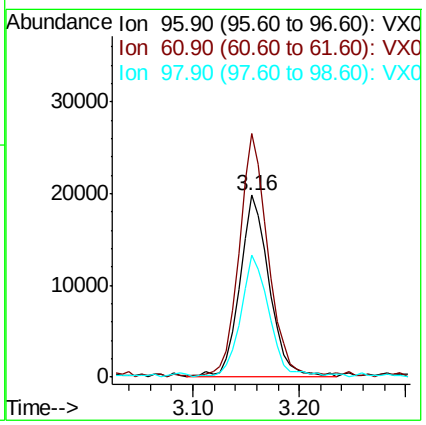


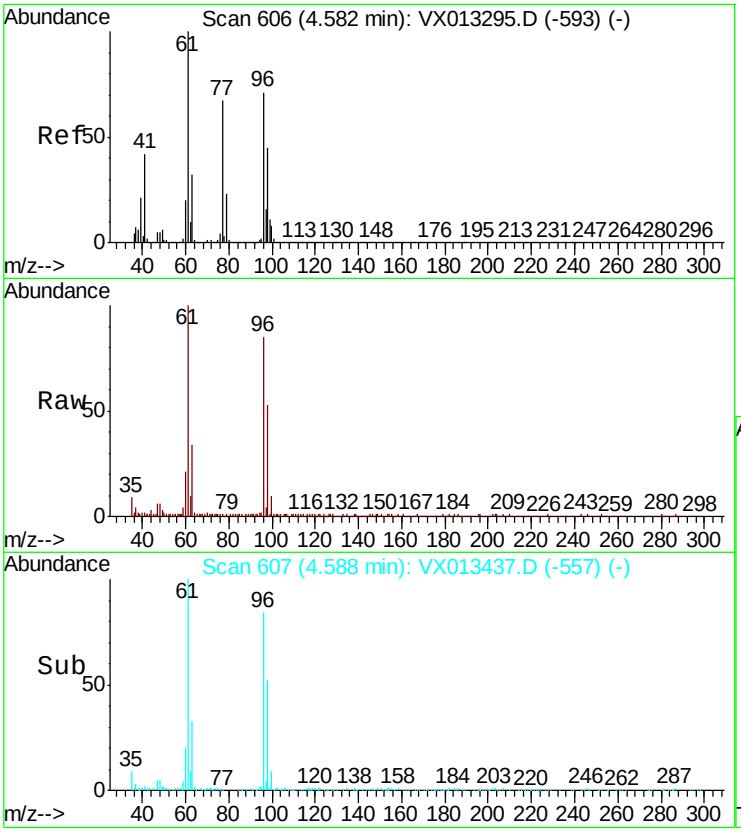


#21
trans-1,2-Dichloroethene
Concen: 5.547 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 96 Resp: 38452

Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.8	158.6
98	65.4	51.8	77.6



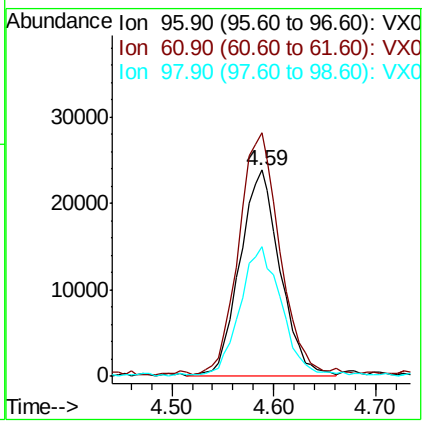


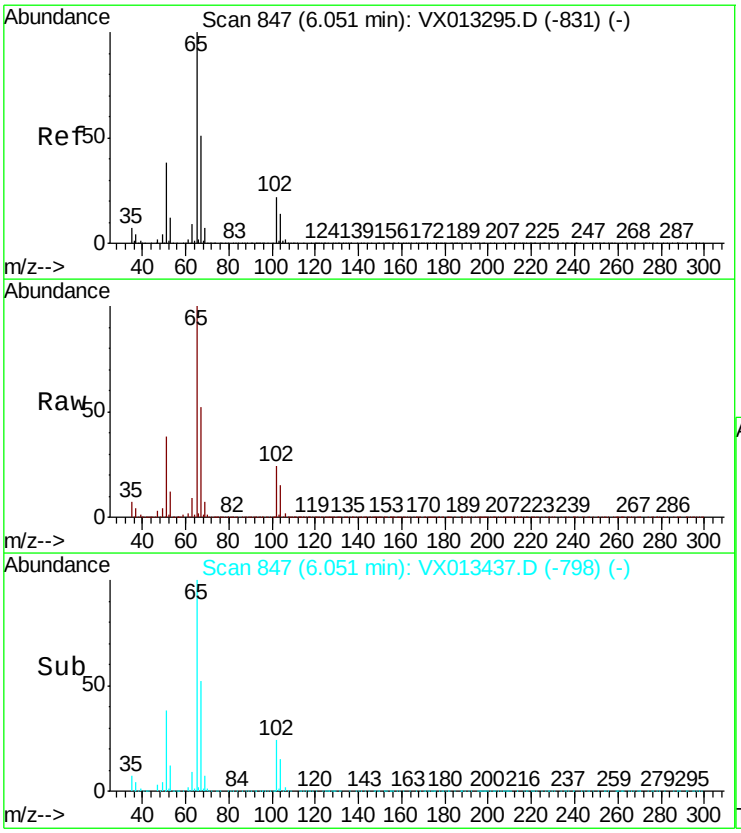
#27
cis-1,2-Dichloroethene
Concen: 8.346 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 96 Resp: 64809

Ion	Ratio	Lower	Upper
96	100		
61	120.2	0.0	288.0
98	63.7	0.0	129.6

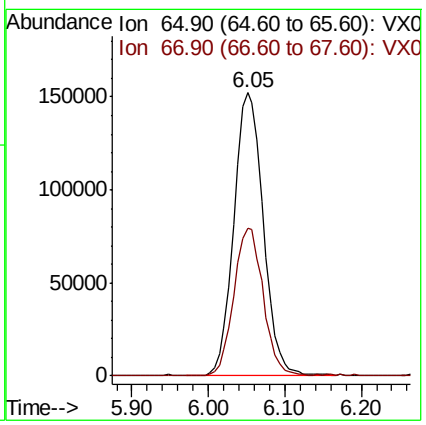


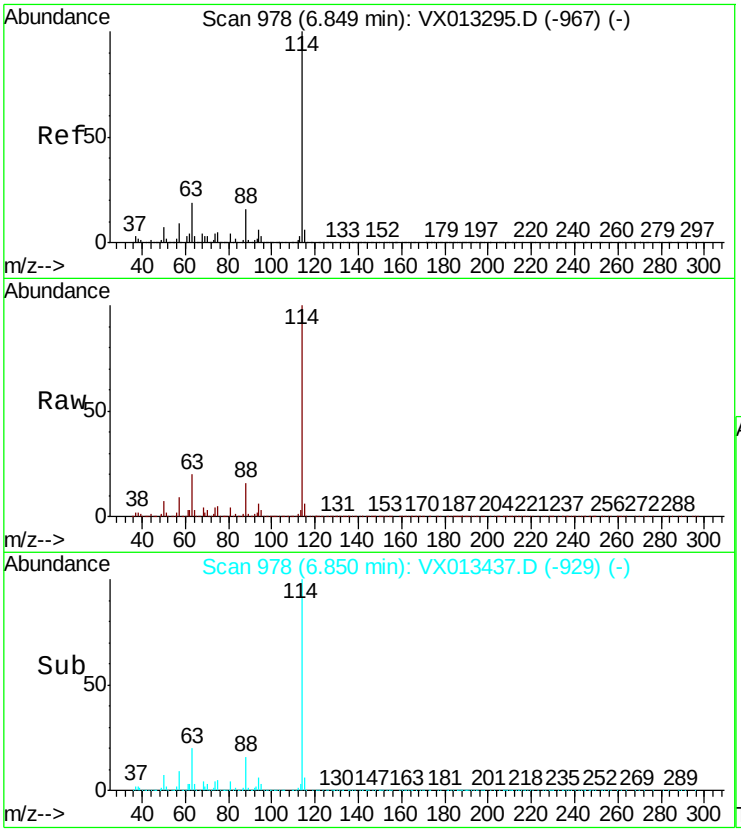


#33
1,2-Dichloroethane-d4
Concen: 49.205 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 65 Resp: 404577

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.2



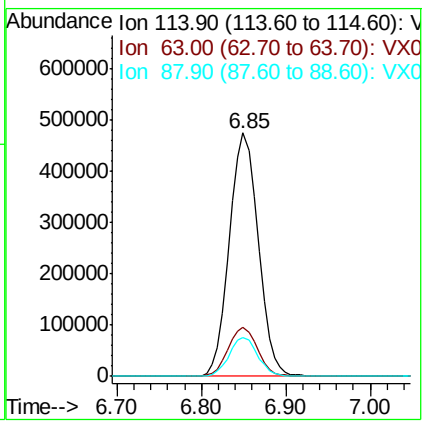


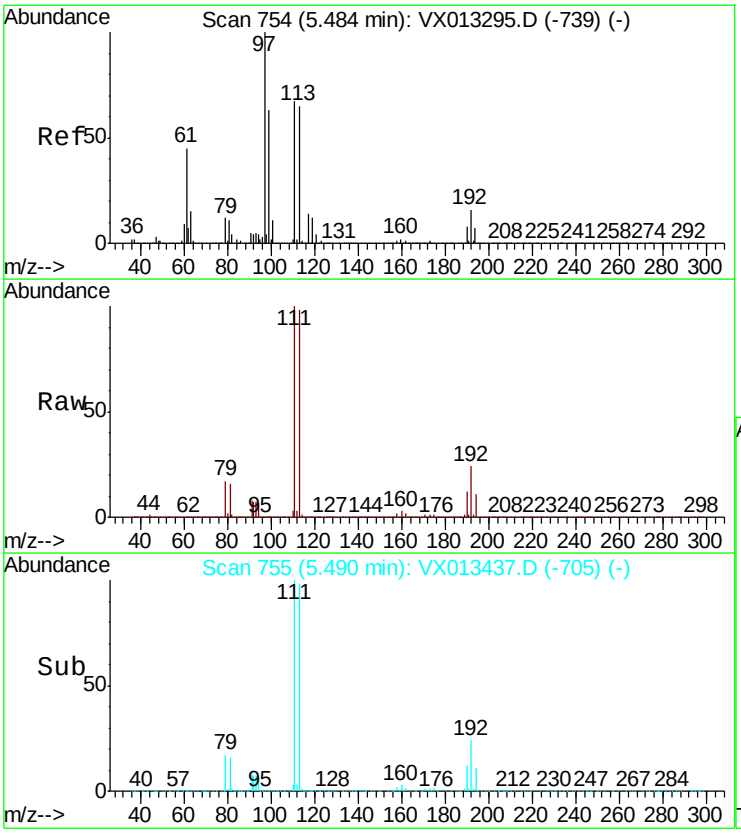
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion:114 Resp: 1102197

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.4
88	15.9	0.0	32.2

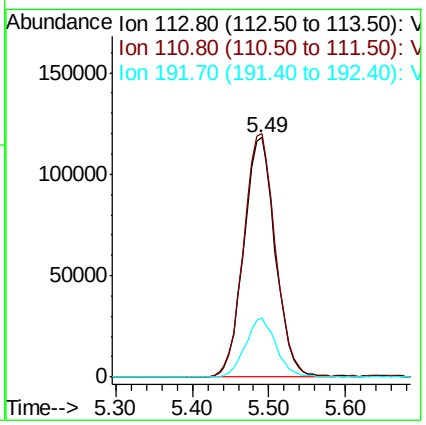


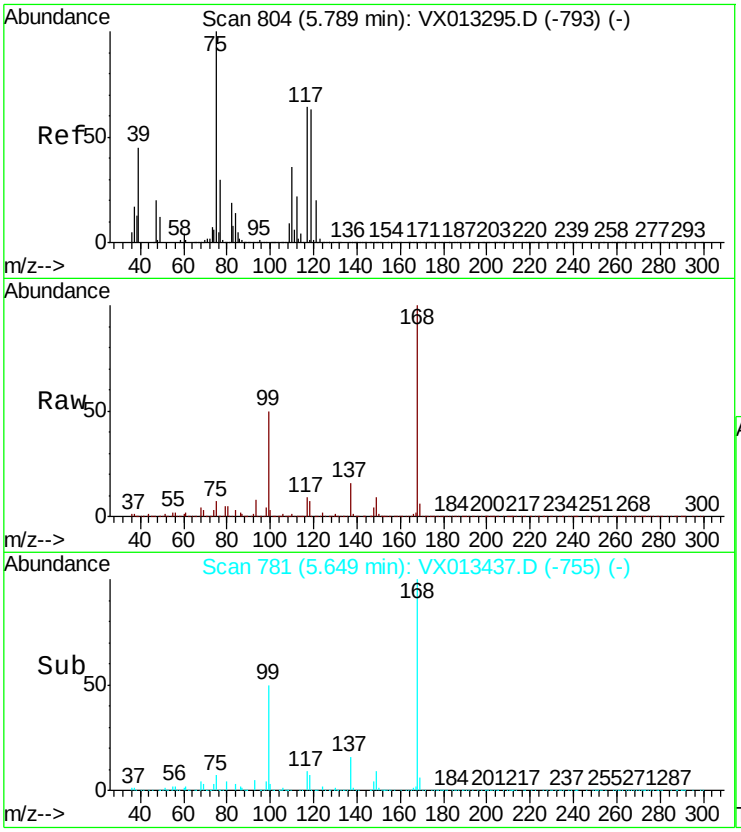


#35
Dibromofluoromethane
Concen: 48.816 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:113 Resp: 337471

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	24.0	19.1	28.7



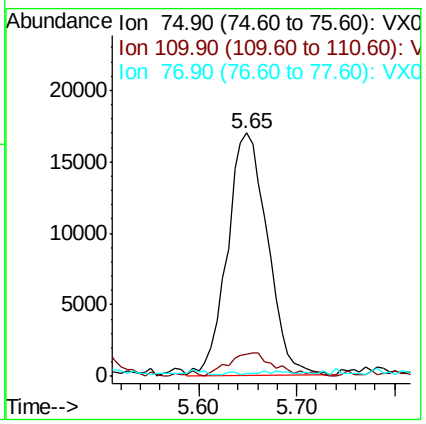


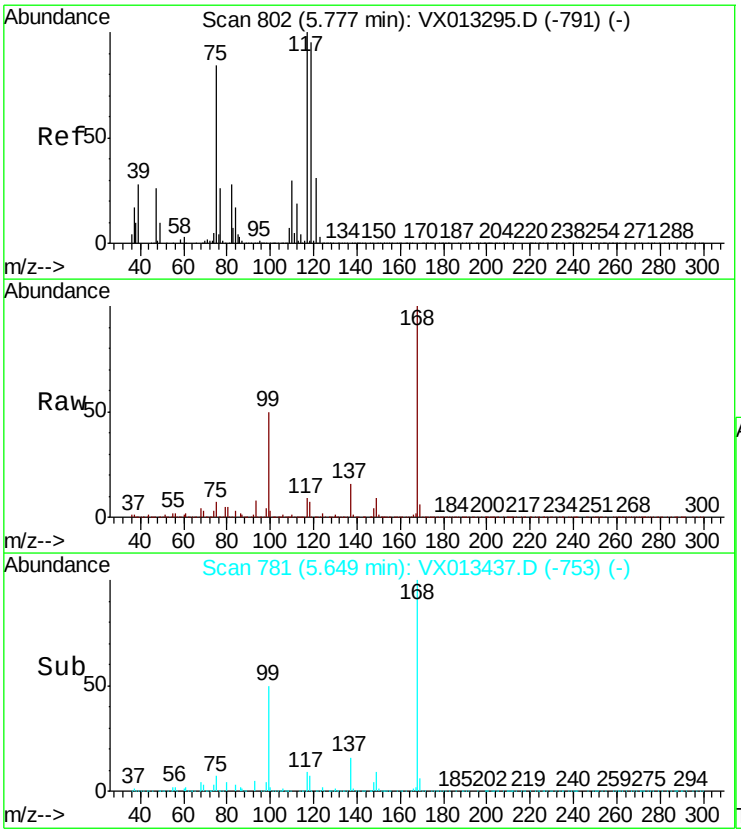
#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 75 Resp: 48381

Ion	Ratio	Lower	Upper
75	100		
110	11.5	18.1	54.1#
77	0.6	25.0	37.4#

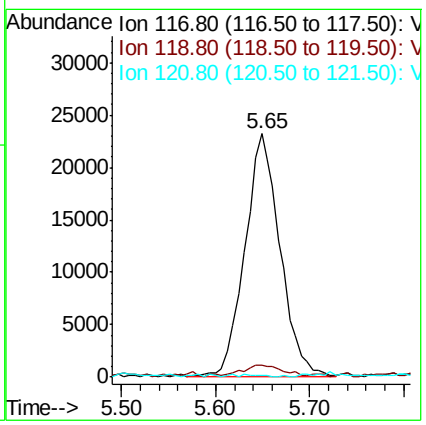


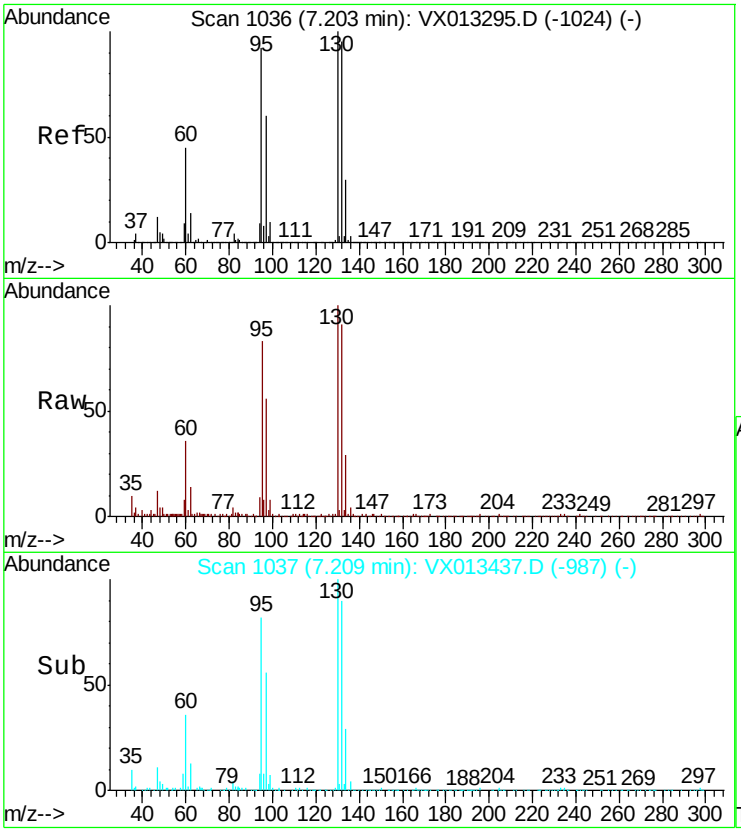


#38
Carbon Tetrachloride
Concen: 6.599 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:117 Resp: 61015

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.1	114.1#
121	0.1	24.6	37.0#



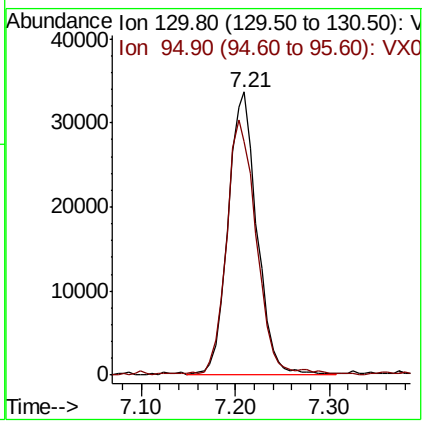


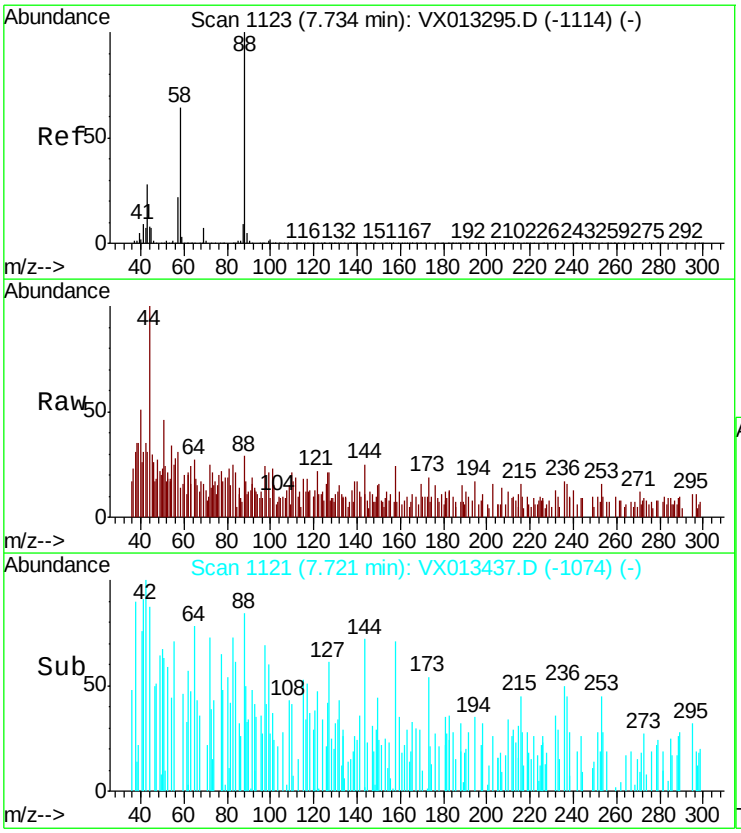
#44
Trichloroethene
Concen: 8.713 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion:130 Resp: 70645

Ion	Ratio	Lower	Upper
130	100		
95	82.3	0.0	184.8

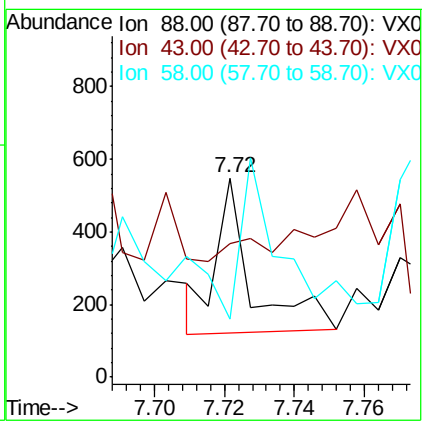


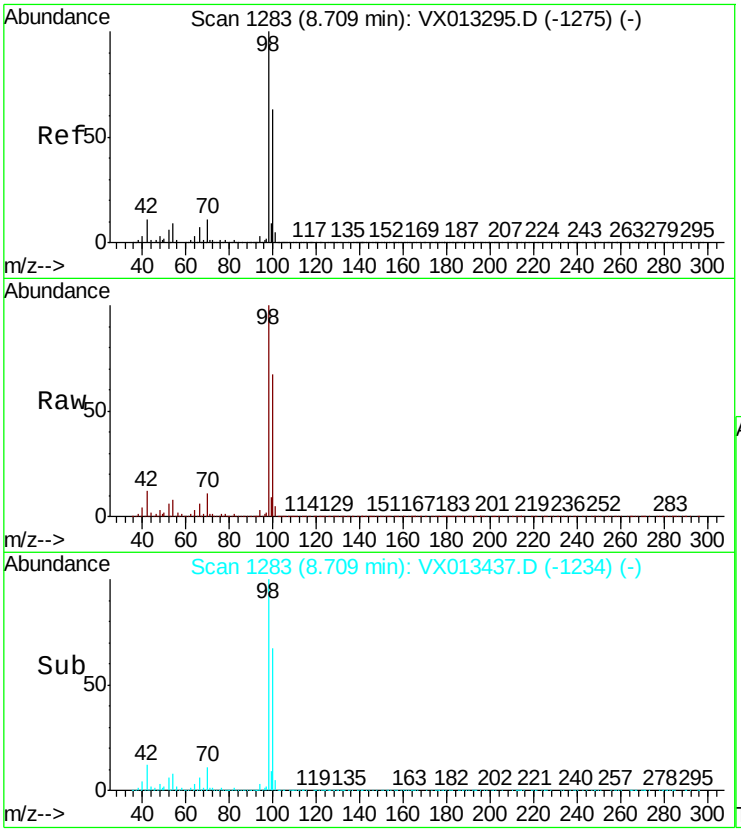


#49
1,4-Dioxane
Concen: 1.442 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 88 Resp: 300

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	119.7	55.0	82.6#



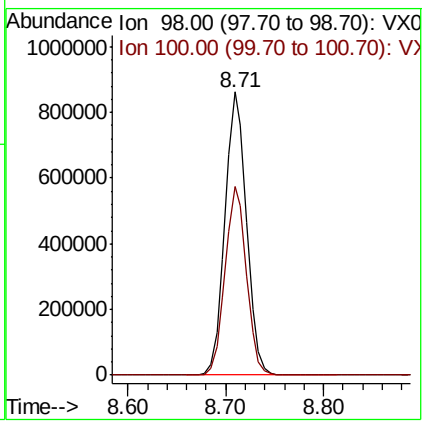


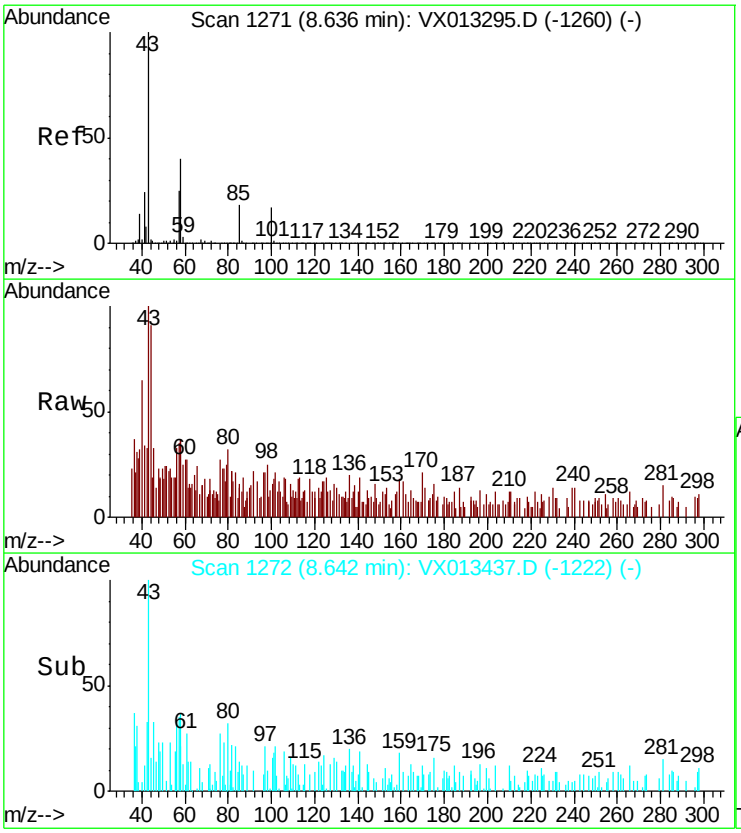
#50
Toluene-d8
Concen: 50.466 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 98 Resp: 1315229

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2

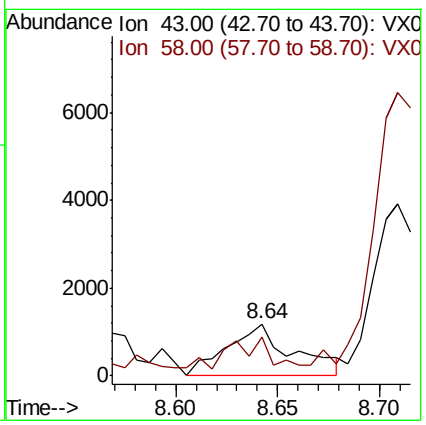


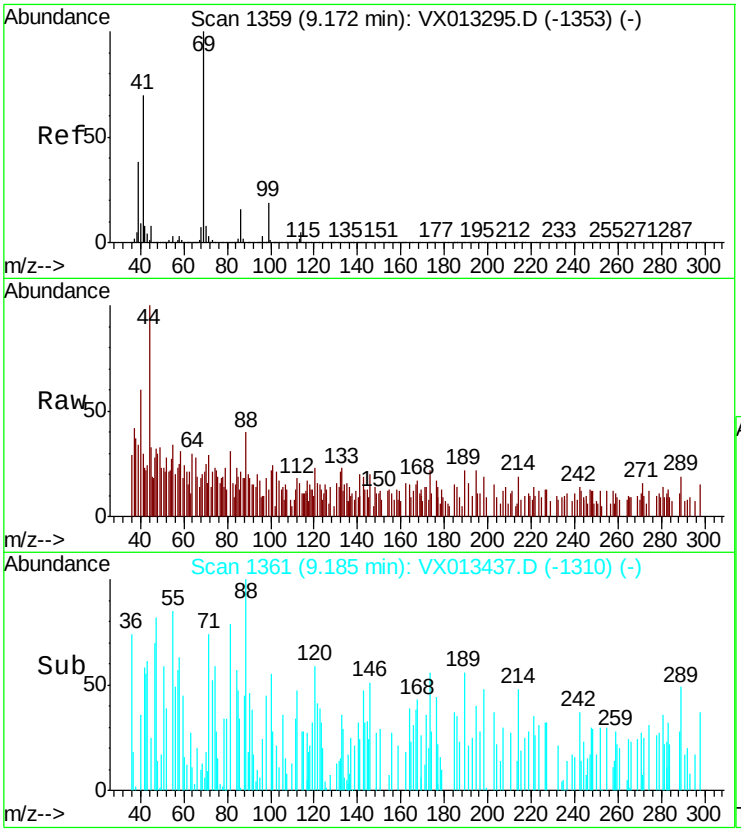


#51
4-Methyl-2-Pentanone
Concen: 0.223 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 43 Resp: 2661

Ion	Ratio	Lower	Upper
43	100		
58	36.3	31.4	47.0



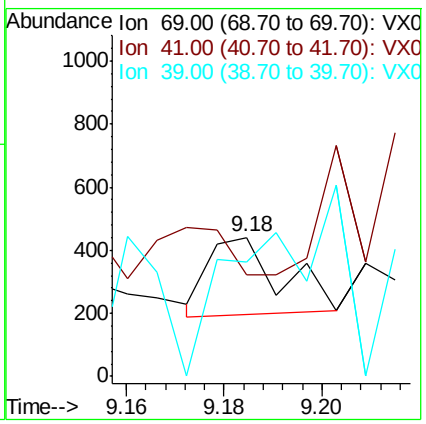


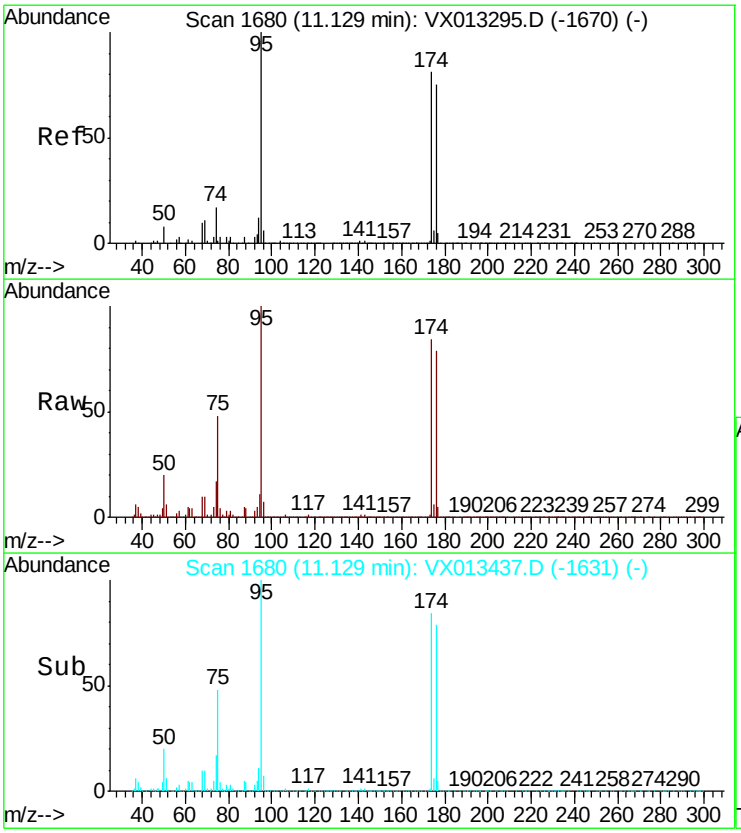
#56
Ethyl methacrylate
Concen: 1.582 ug/l
RT: 9.18 min Scan# 1361
Delta R.T. 0.01 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument : MSVOA_X
ClientSampleId : S36-0165

Tgt Ion: 69 Resp: 256

Ion	Ratio	Lower	Upper
69	100		
41	80.5	56.2	84.2
39	0.0	31.1	46.7#

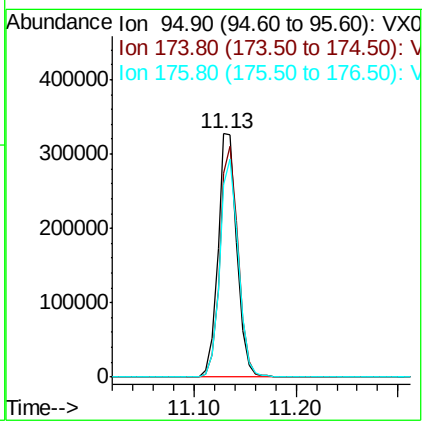


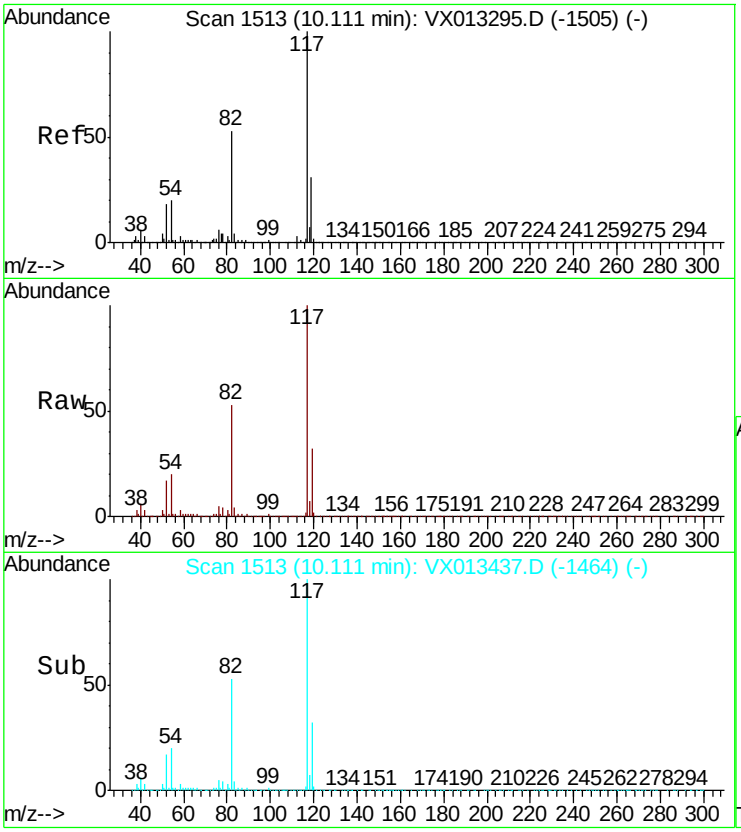


#62
4-Bromofluorobenzene
Concen: 45.230 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 95 Resp: 425427

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	179.8
176	87.4	0.0	173.0



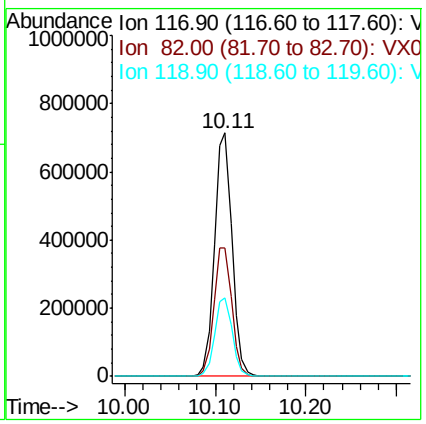


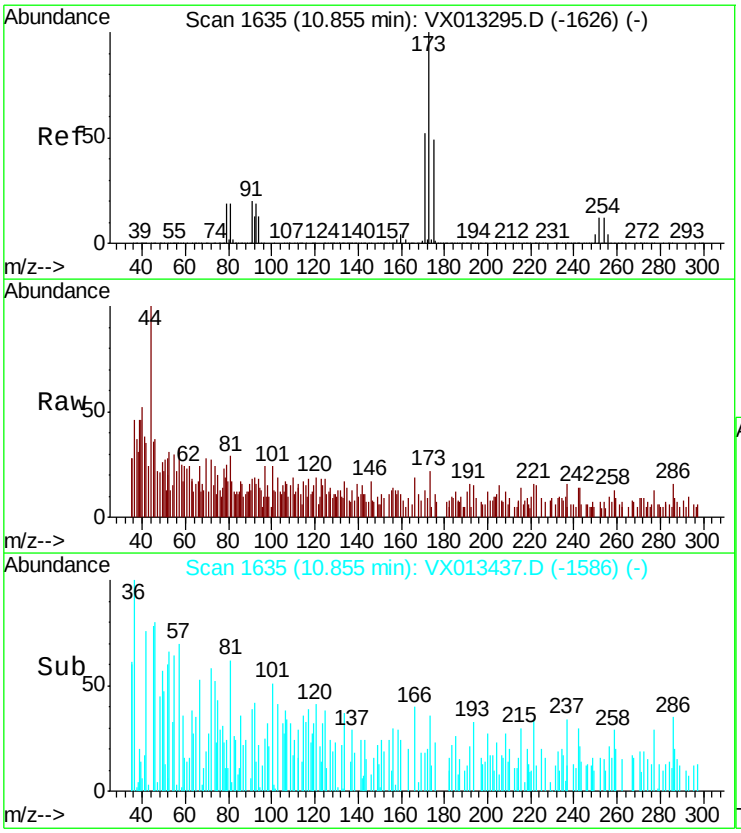
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion:117 Resp: 969465

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.4	24.8	37.2

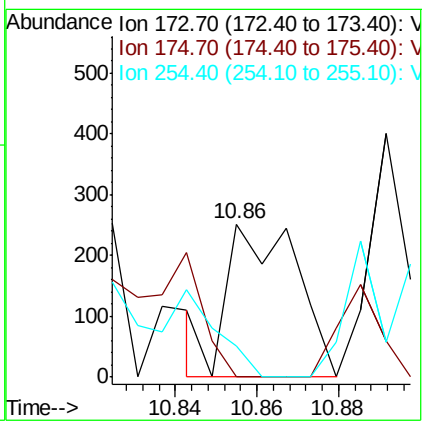


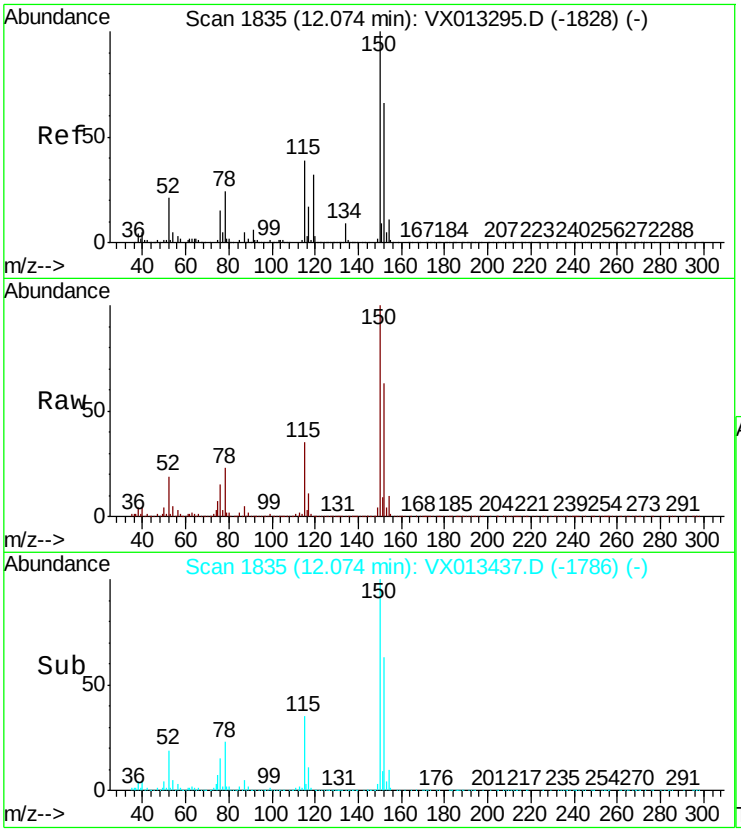


#71
Bromoform
Concen: 3.244 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:173 Resp: 293

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	0.0	0.2	0.2#



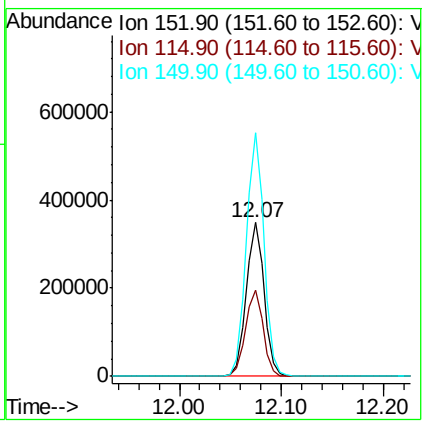


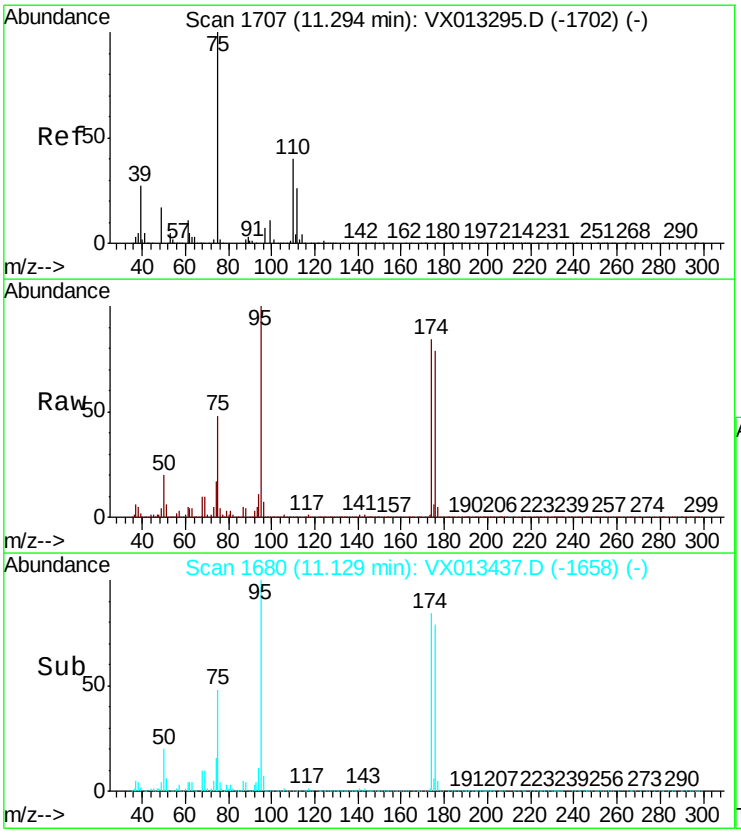
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion:152 Resp: 423382

Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.5	118.3
150	157.2	0.0	344.4

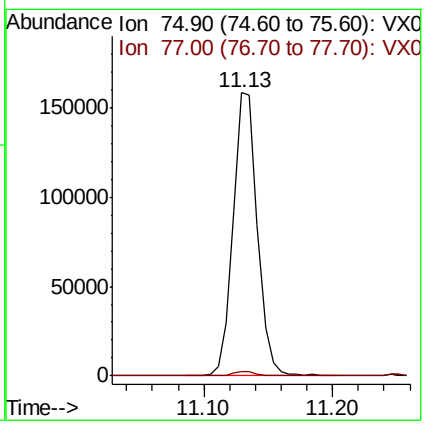


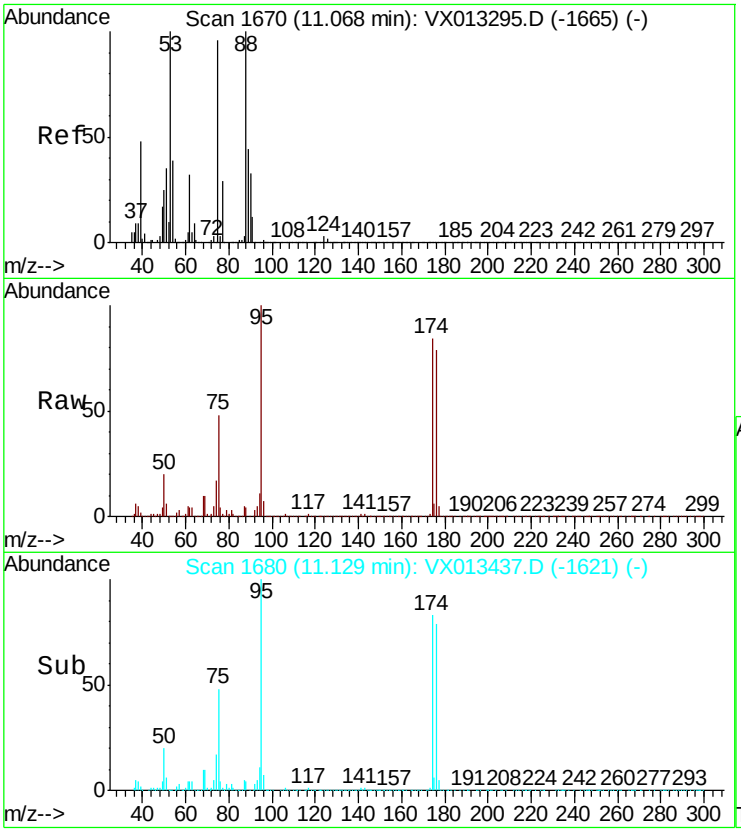


#76
1,2,3-Trichloropropane
Concen: 23.979 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion: 75 Resp: 206210

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.3	66.8#



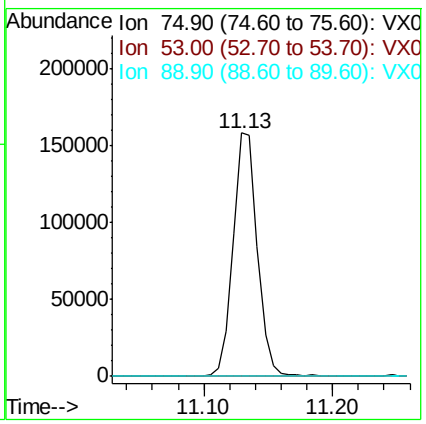


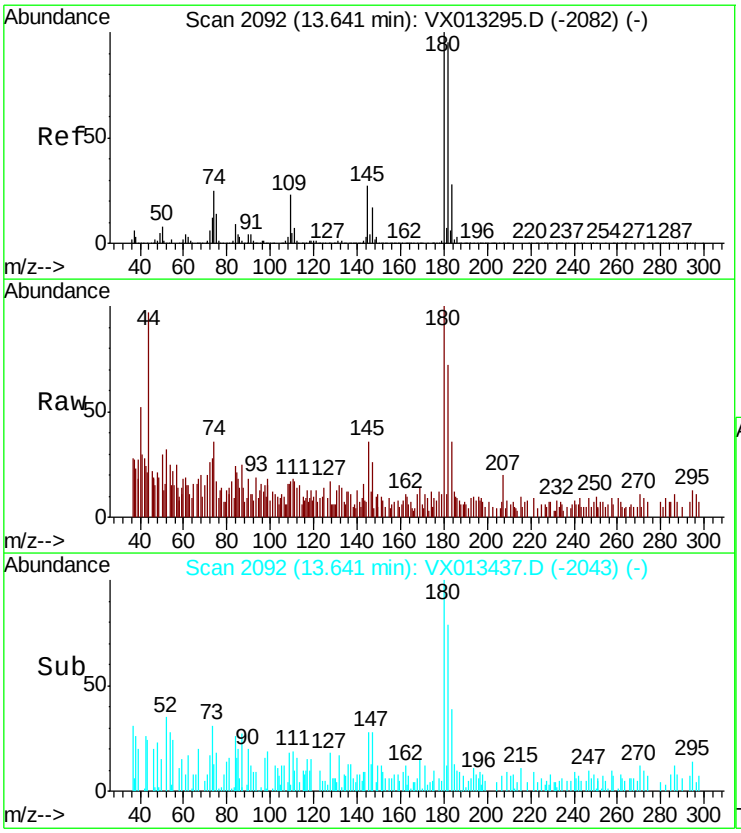
#81
trans-1,4-Dichloro-2-butene
Concen: 61.723 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion: 75 Resp: 206210

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.0	121.6#
89	0.0	36.0	54.0#

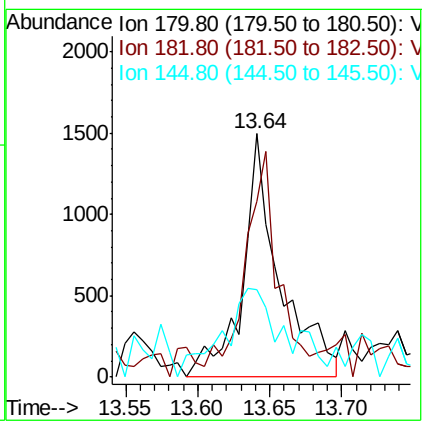


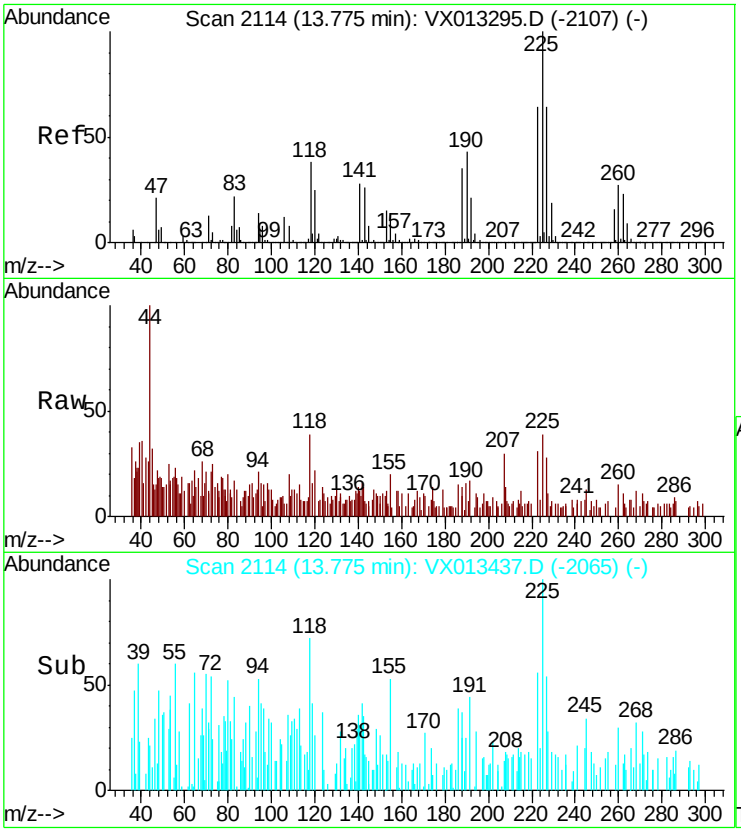


#93
1,2,4-Trichlorobenzene
Concen: 0.286 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:180 Resp: 2657

Ion	Ratio	Lower	Upper
180	100		
182	76.1	48.4	145.0
145	51.7	14.1	42.4#



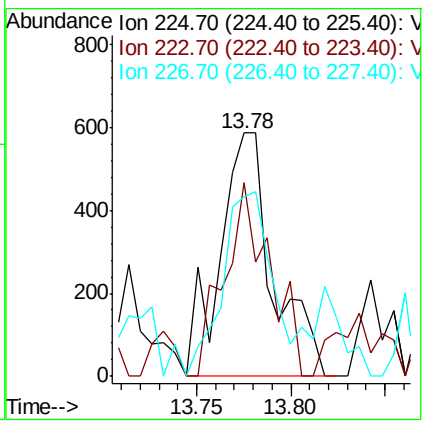


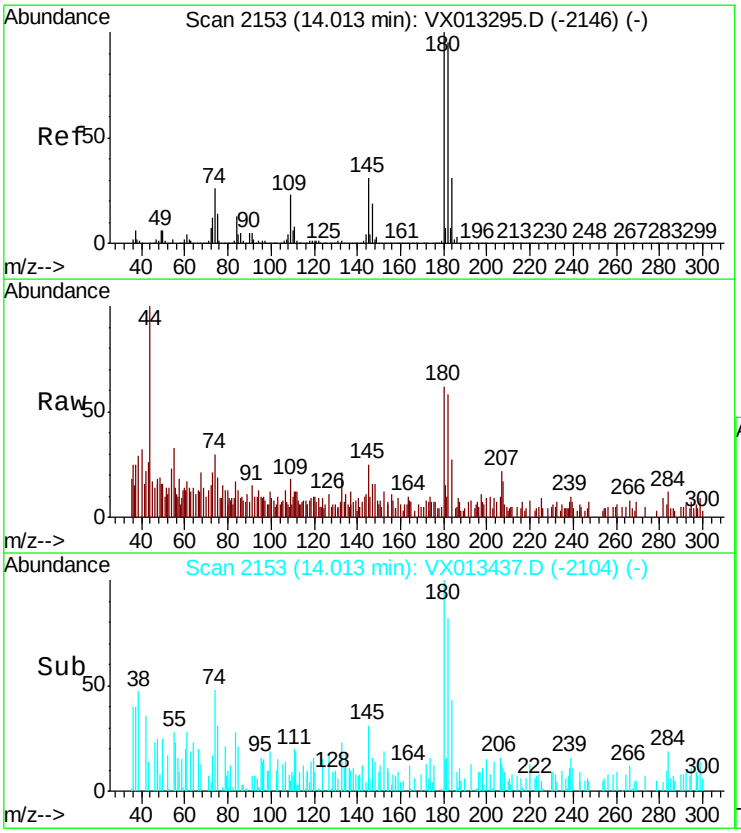
#94
Hexachlorobutadiene
Concen: 0.251 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Instrument :
MSVOA_X
ClientSampleId :
S36-0165

Tgt Ion:225 Resp: 1144

Ion	Ratio	Lower	Upper
225	100		
223	68.3	31.9	95.7
227	69.6	31.9	95.9





#96
1,2,3-Trichlorobenzene
Concen: 0.203 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013437.D
Acq: 15 Nov 2019 11:33

Tgt Ion:180 Resp: 1893

Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.2
145	66.3	15.4	46.4#