Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014715.D
Acq On : 27 Jan 2020 10:28
Operator : JC/SP
Sample : VX0127WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:11:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	464378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	724274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	661798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	296287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	271559	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
35) Dibromofluoromethane	5.48	113	226718	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.22%			
50) Toluene-d8	8.71	98	866577	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
62) 4-Bromofluorobenzene	11.13	95	291947	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	484	0.608	ug/l	86
5) Bromomethane	1.66	94	1459	0.316	ug/l	83
6) Chloroethane	1.73	64	796	Below Cal	#	88
11) Tert butyl alcohol	3.00	59	538	0.442	ug/l #	1
13) Acrolein	2.26	56	227	0.236	ug/l #	14
15) Acrylonitrile	3.14	53	888	0.315	ug/l #	25
16) Acetone	2.43	43	8355	2.960	ug/l	96
17) Carbon Disulfide	2.56	76	2721	0.216	ug/l #	47
18) Methyl Acetate	2.75	43	1897	0.224	ug/l	91
20) Methylene Chloride	2.85	84	2251	0.409	ug/l #	81
25) 2-Butanone	4.66	43	3400	0.798	ug/l #	80
36) 1,1-Dichloropropene	5.64	75	33788	5.021	ug/l #	51
38) Carbon Tetrachloride	5.65	117	41436	6.447	ug/l #	16
41) Methacrylonitrile	5.02	41	816	Below Cal	#	33
49) 1,4-Dioxane	7.73	88	495	3.872	ug/l #	40
51) 4-Methyl-2-Pentanone	8.64	43	2607	0.327	ug/l	92
56) Ethyl methacrylate	9.17	69	56	1.791	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	143986	20.888	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	143986	59.443	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.64	180	1514	0.235	ug/l #	91
94) Hexachlorobutadiene	13.78	225	683	0.206	ug/l	92
95) Naphthalene	13.83	128	2930	1.070	ug/l #	69

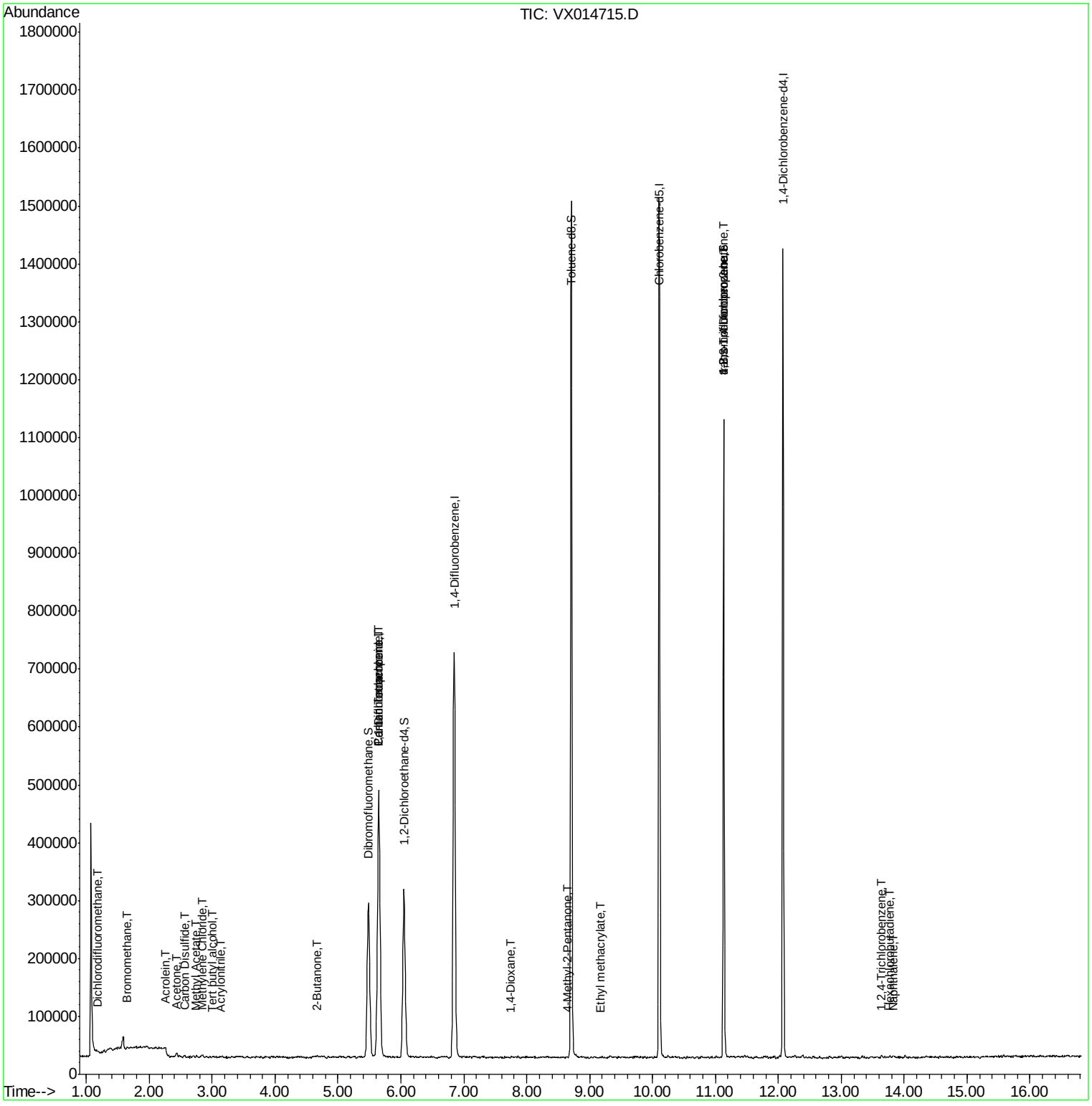
(#) = qualifier out of range (m) = manual integration (+) = signals summed

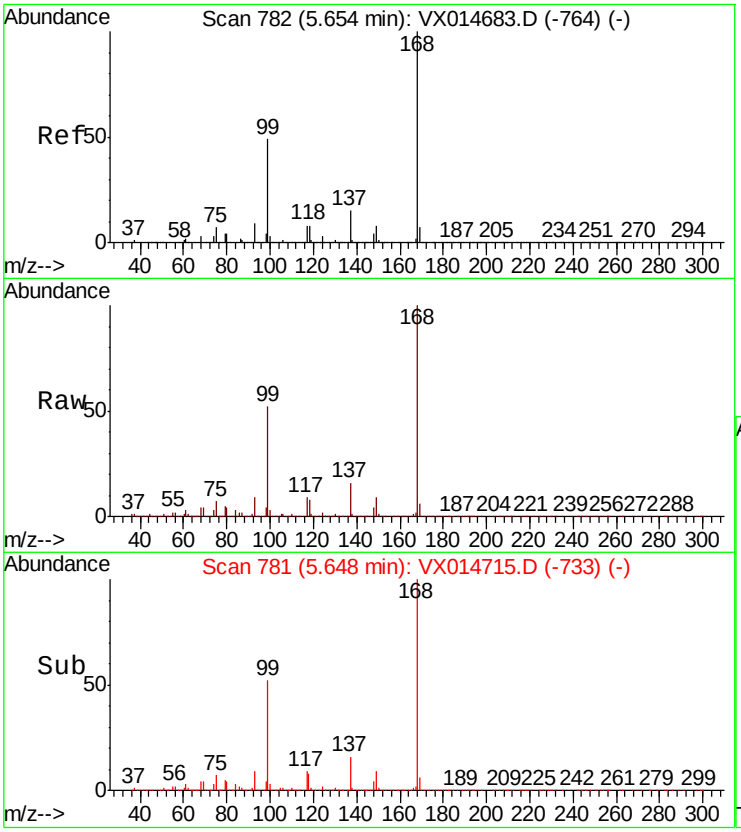
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014715.D
Acq On : 27 Jan 2020 10:28
Operator : JC/SP
Sample : VX0127WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:11:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration



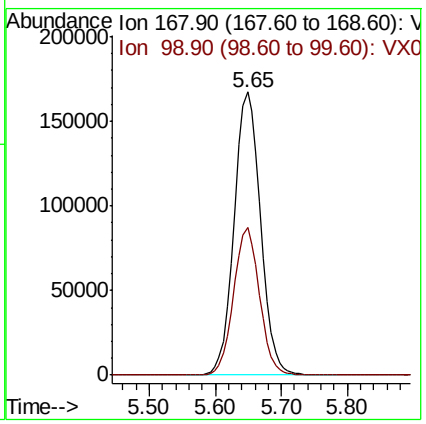


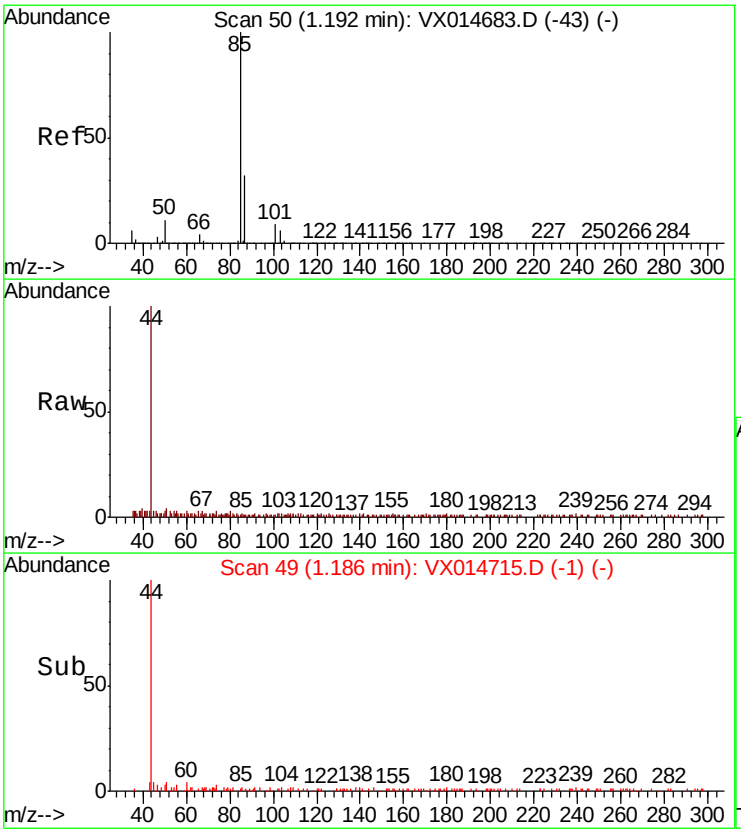
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 464378

Ion	Ratio	Lower	Upper
168	100		
99	52.0	39.8	59.6

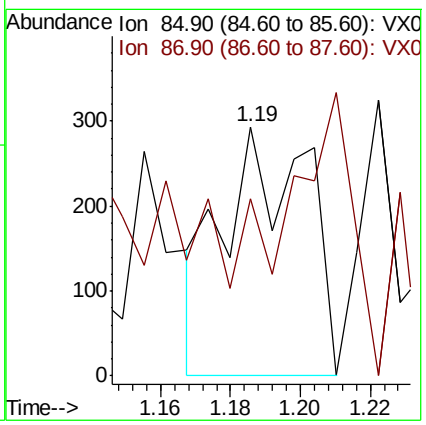


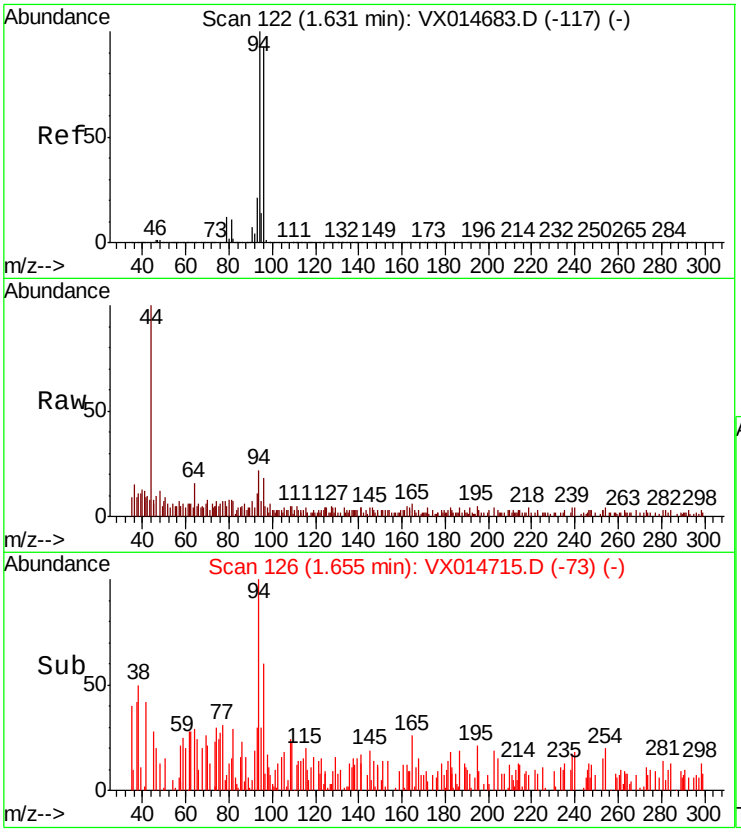


#2
Dichlorodifluoromethane
Concen: 0.608 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 85 Resp: 484

Ion	Ratio	Lower	Upper
85	100		
87	24.2	16.2	48.5



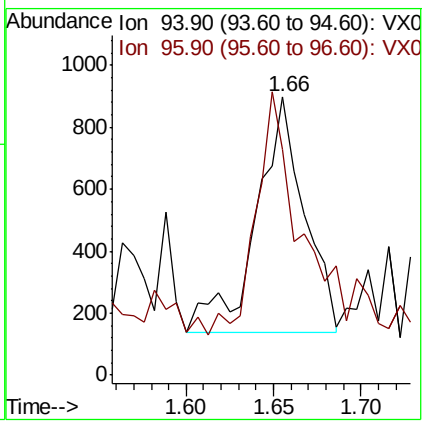


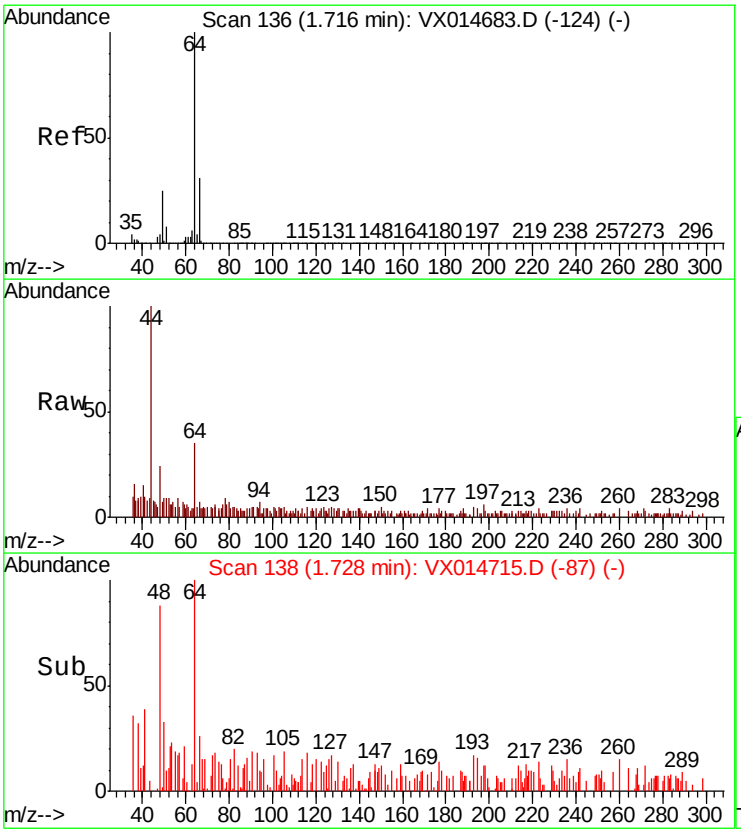
#5
Bromomethane
Concen: 0.316 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.02 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1459

Ion	Ratio	Lower	Upper
94	100		
96	77.5	74.7	112.1

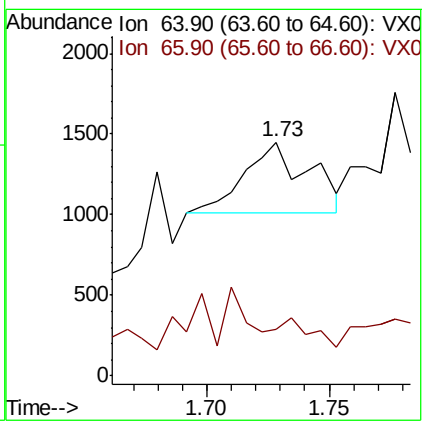


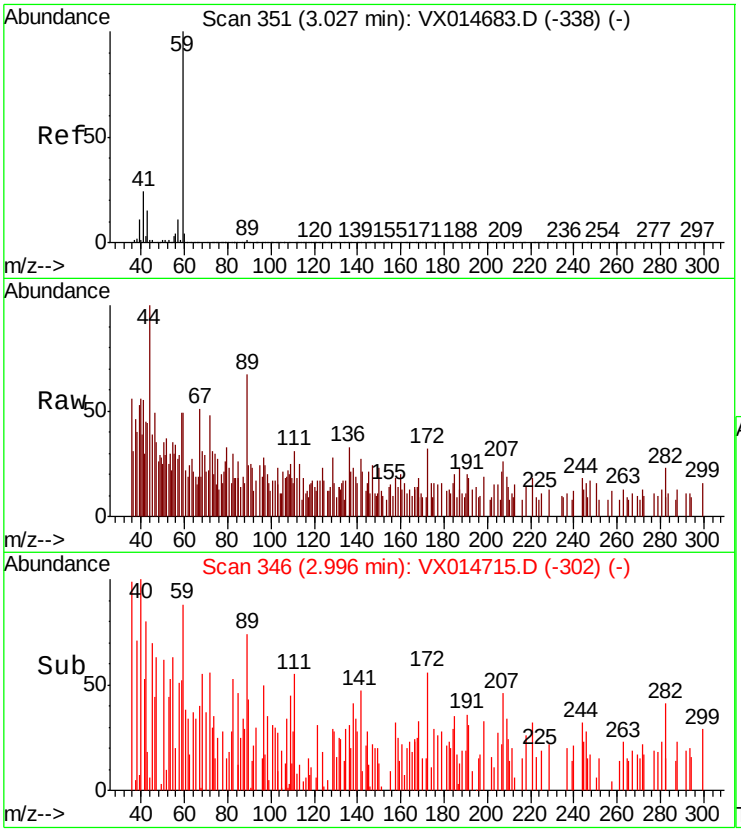


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 138
Delta R.T. 0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 64 Resp: 796

Ion	Ratio	Lower	Upper
64	100		
66	25.1	25.2	37.8#



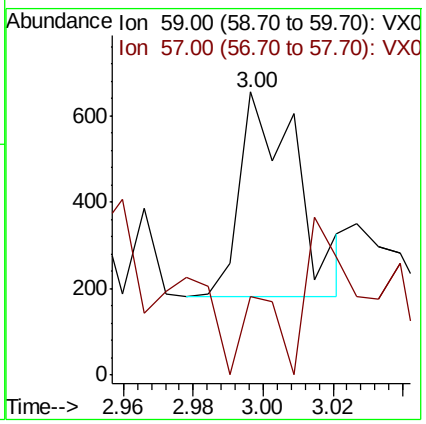


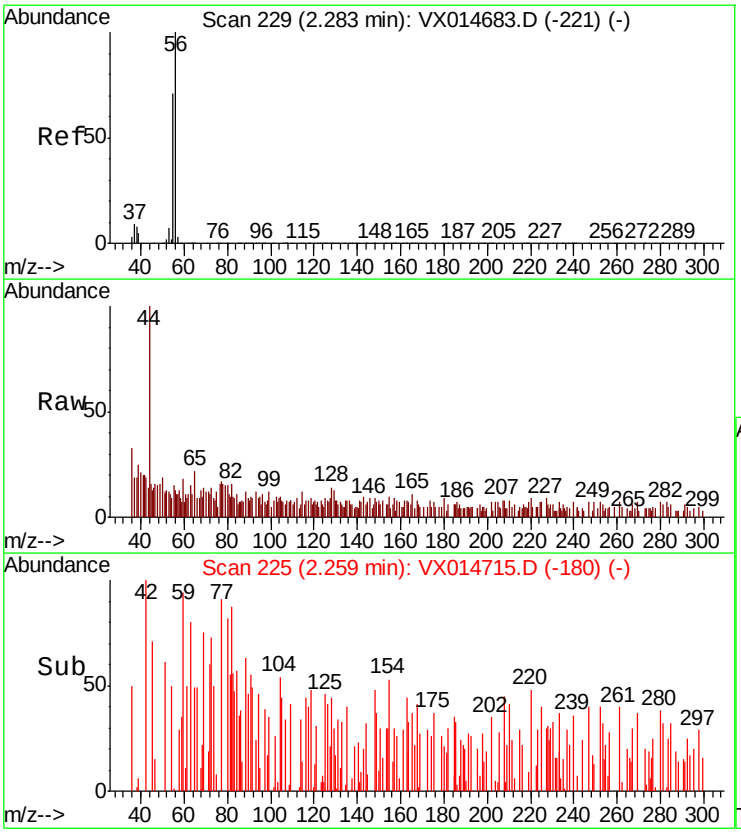
#11
Tert butyl alcohol
Concen: 0.442 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.03 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 538

Ion	Ratio	Lower	Upper
59	100		
57	109.3	8.3	12.5#

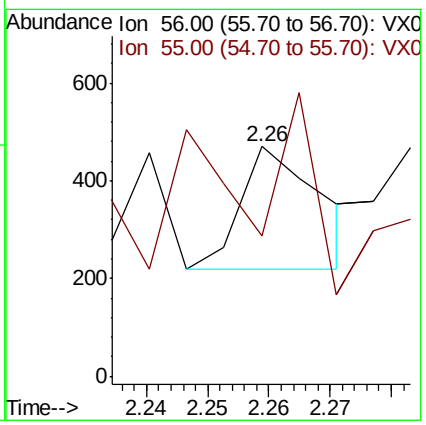


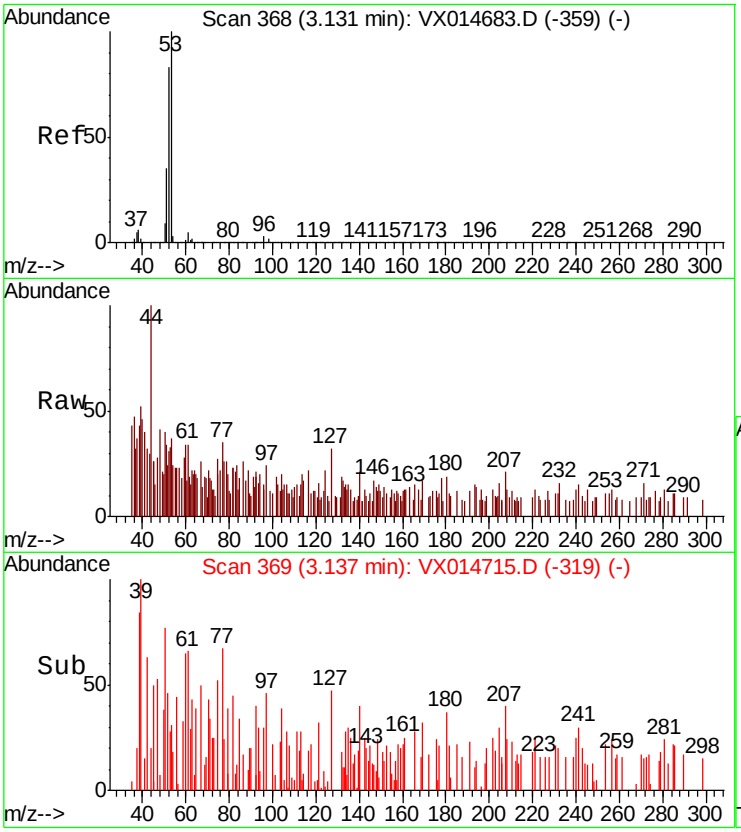


#13
Acrolein
Concen: 0.236 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 56 Resp: 227

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	84.8#



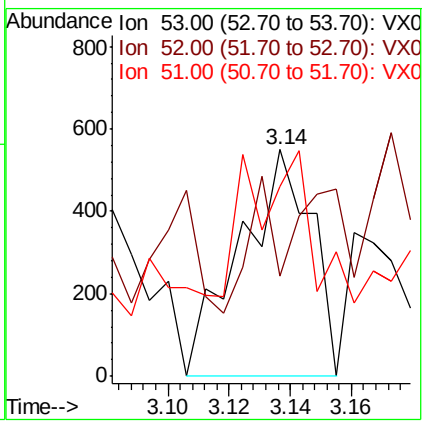


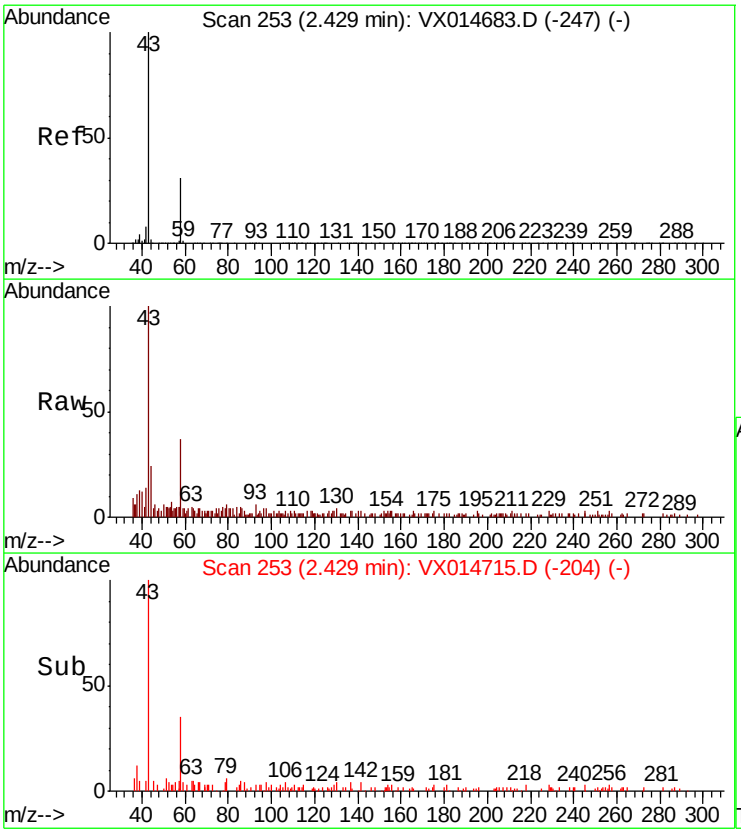
#15
Acrylonitrile
Concen: 0.315 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 888

Ion	Ratio	Lower	Upper
53	100		
52	22.0	66.4	99.6#
51	90.2	28.7	43.1#

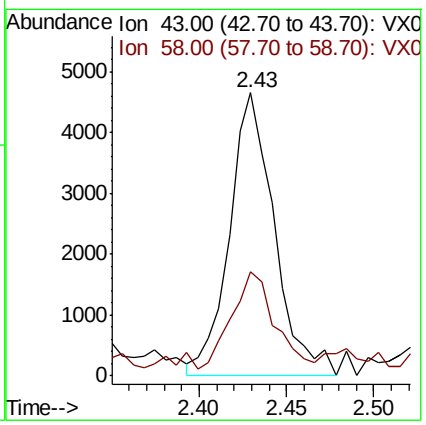


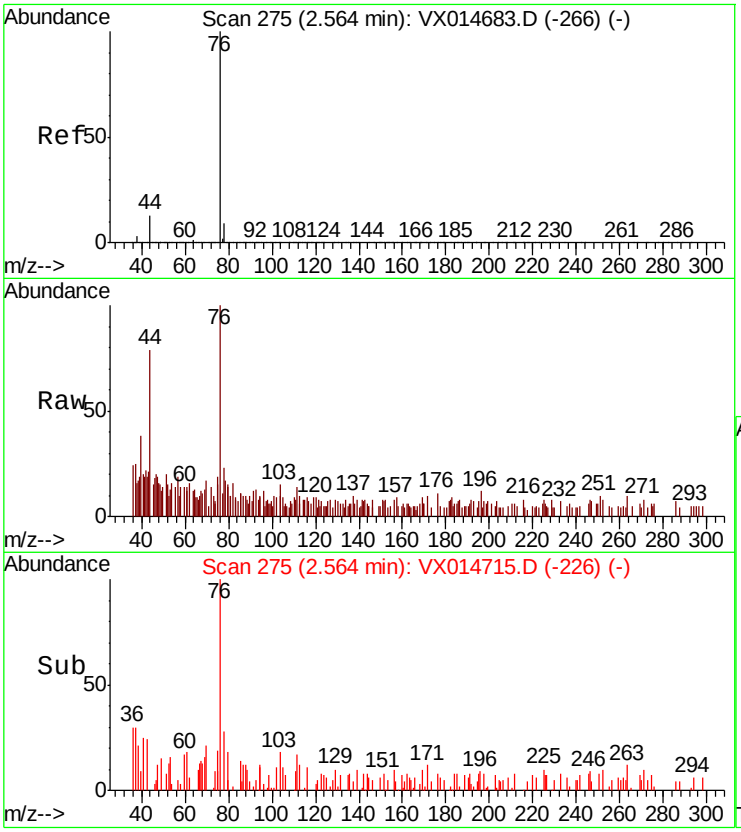


#16
Acetone
Concen: 2.960 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 43 Resp: 8355

Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.5	36.7



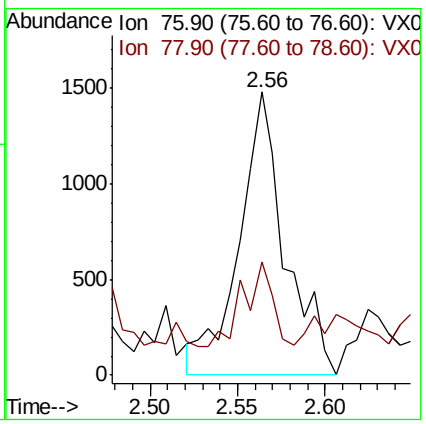


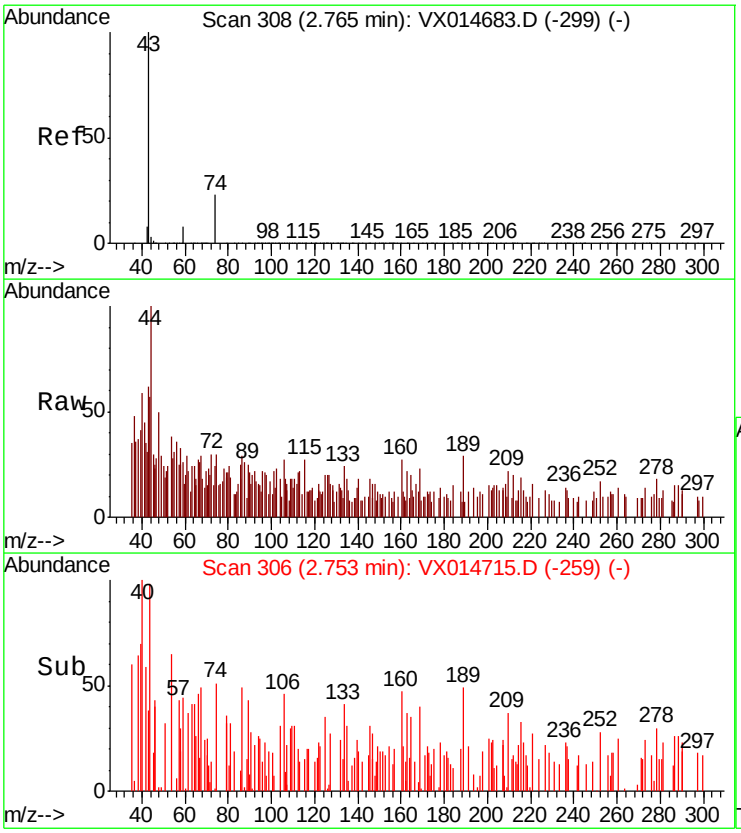
#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 2721

Ion	Ratio	Lower	Upper
76	100		
78	28.2	7.2	10.8#

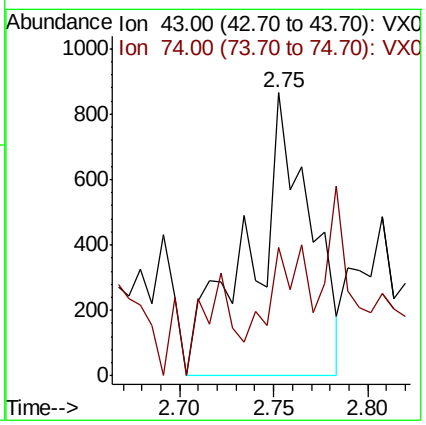


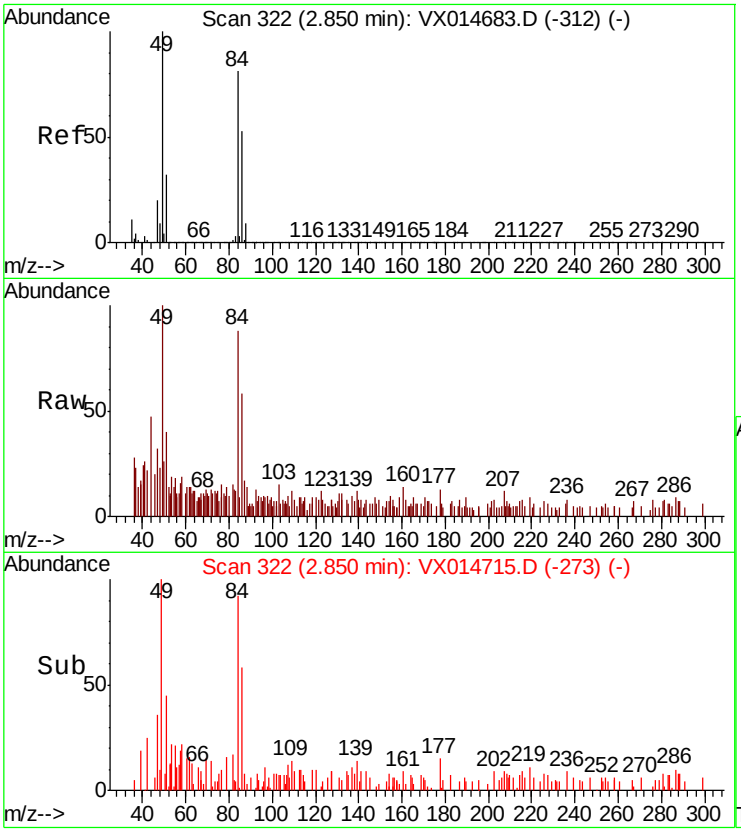


#18
Methyl Acetate
Concen: 0.224 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 43 Resp: 1897

Ion	Ratio	Lower	Upper
43	100		
74	18.8	18.5	27.7



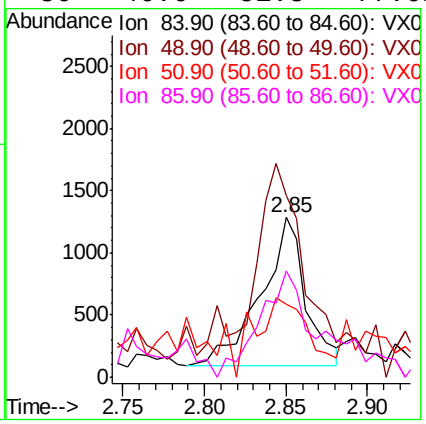


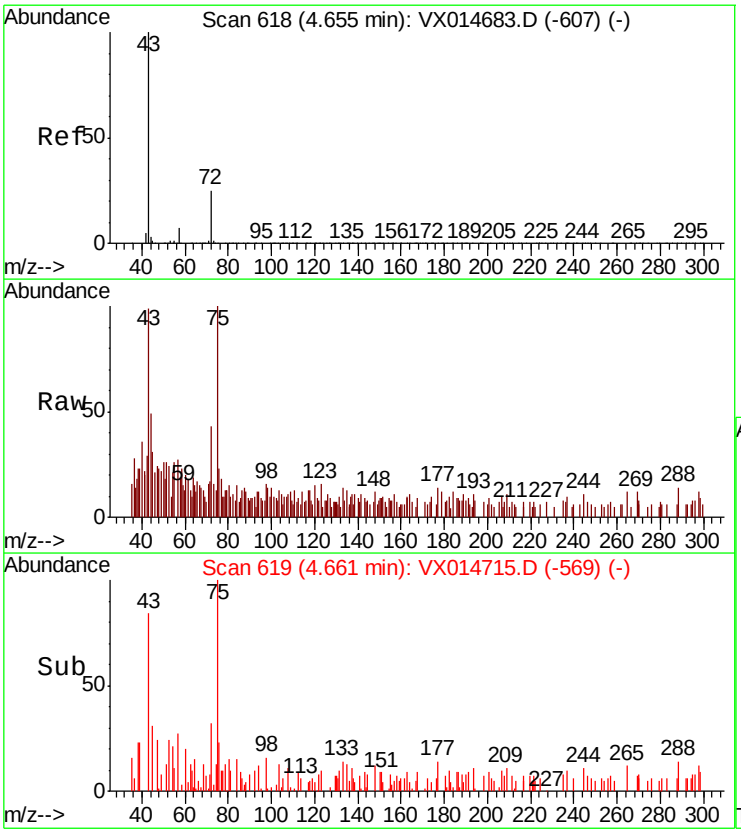
#20
Methylene Chloride
Concen: 0.409 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2251

Ion	Ratio	Lower	Upper
84	100		
49	99.7	98.2	147.4
51	36.0	31.3	46.9
86	46.6	51.8	77.6#

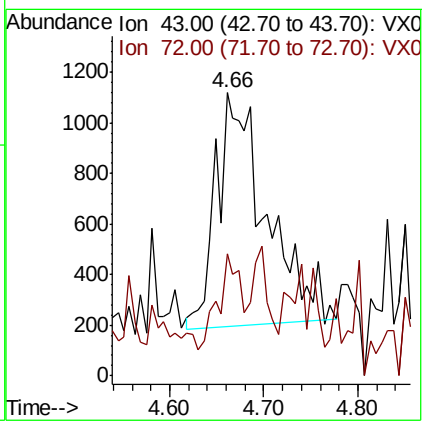


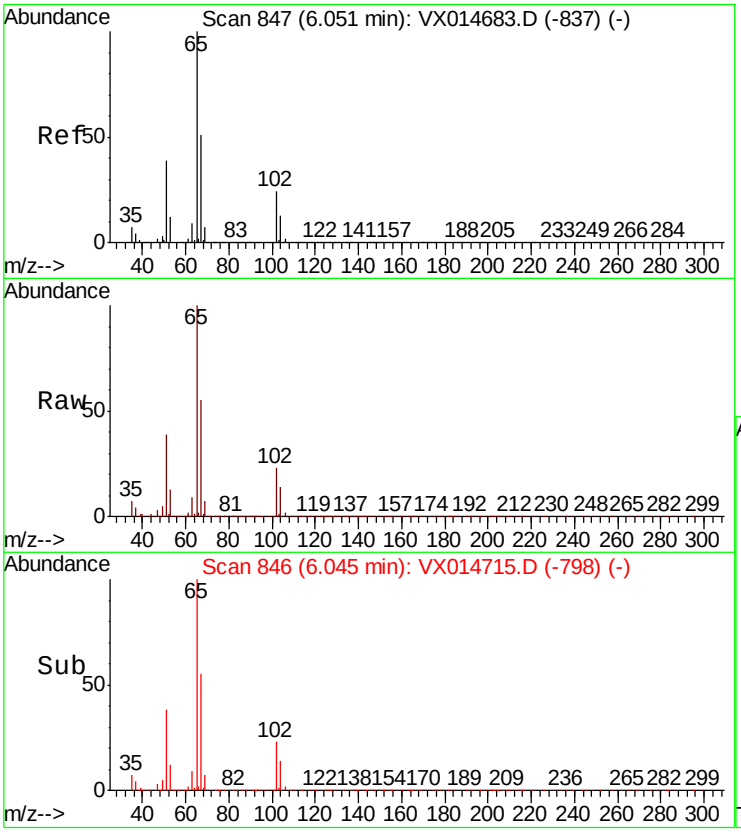


#25
2-Butanone
Concen: 0.798 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 43 Resp: 3400

Ion	Ratio	Lower	Upper
43	100		
72	34.9	19.9	29.9#



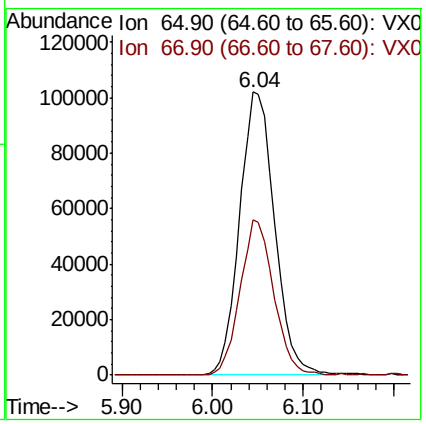


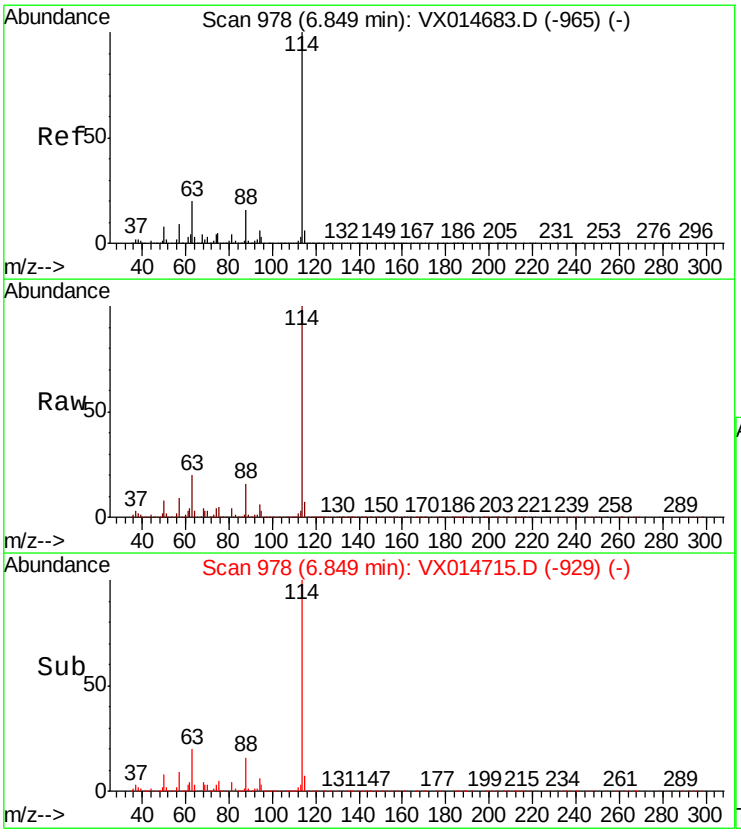
#33
1,2-Dichloroethane-d4
Concen: 50.077 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 271559

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.4

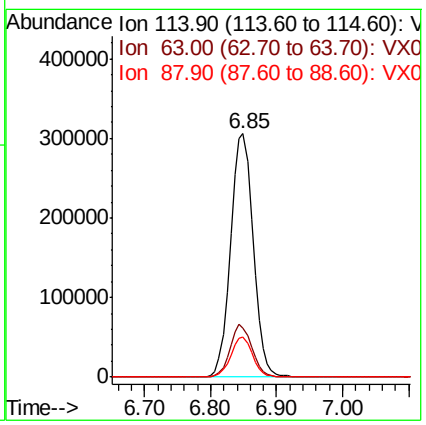


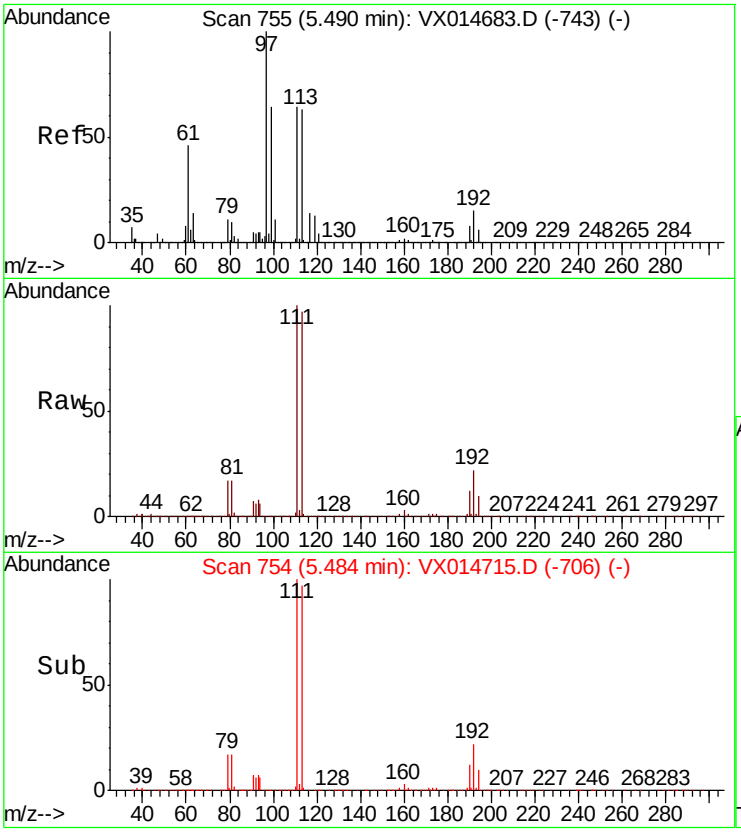


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion:114 Resp: 724274

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	16.3	0.0	31.2



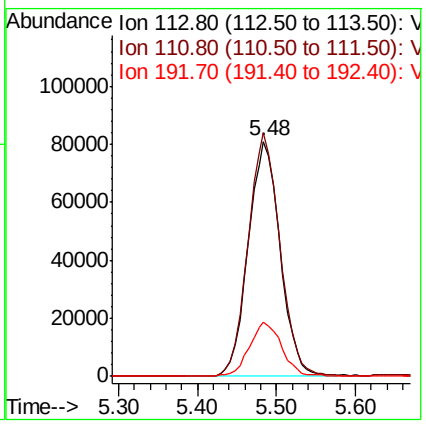


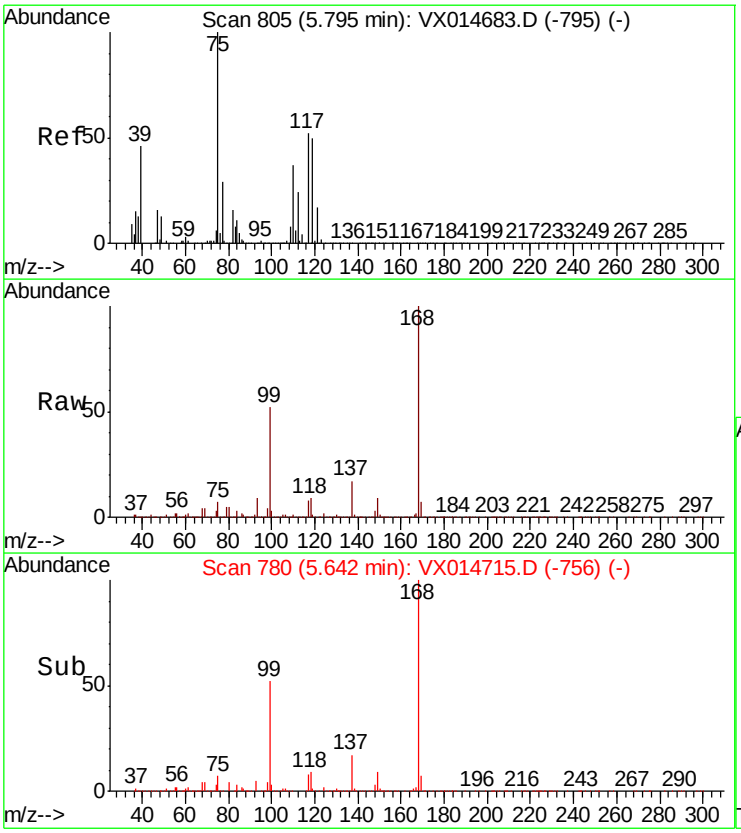
#35
Dibromofluoromethane
Concen: 49.609 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 226718

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.7	121.1
192	22.8	18.5	27.7

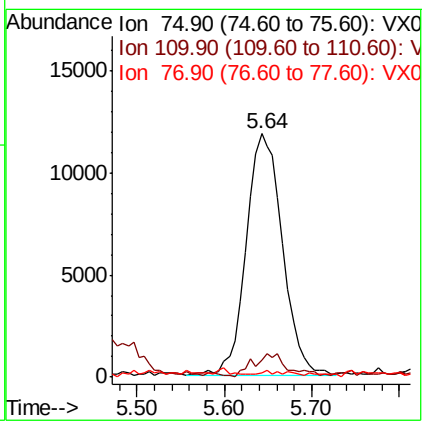


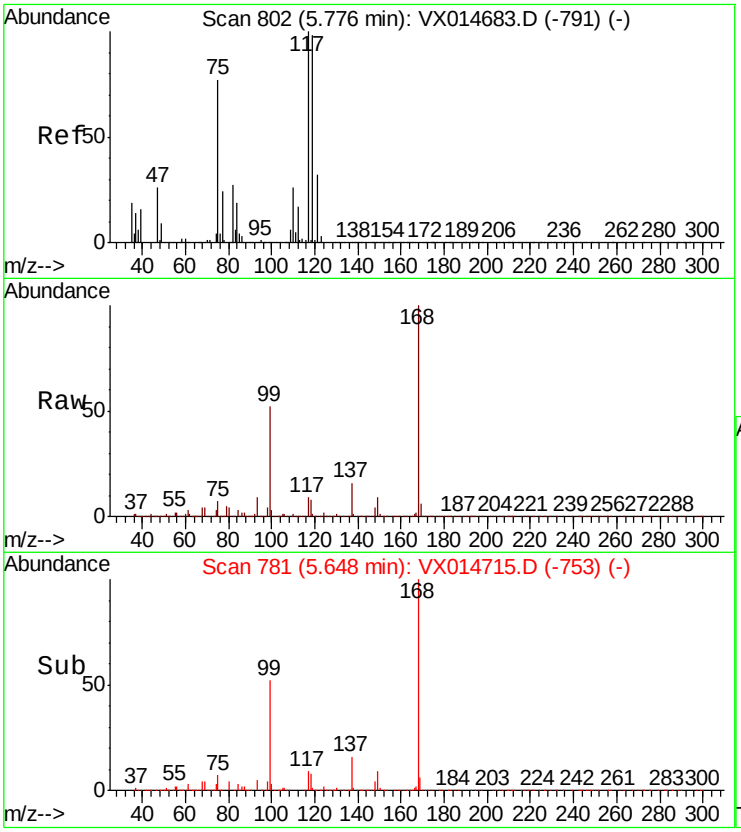


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 75 Resp: 33788

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.9	53.7#
77	0.4	24.1	36.1#



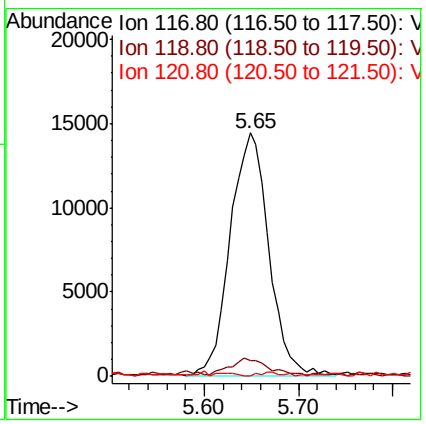


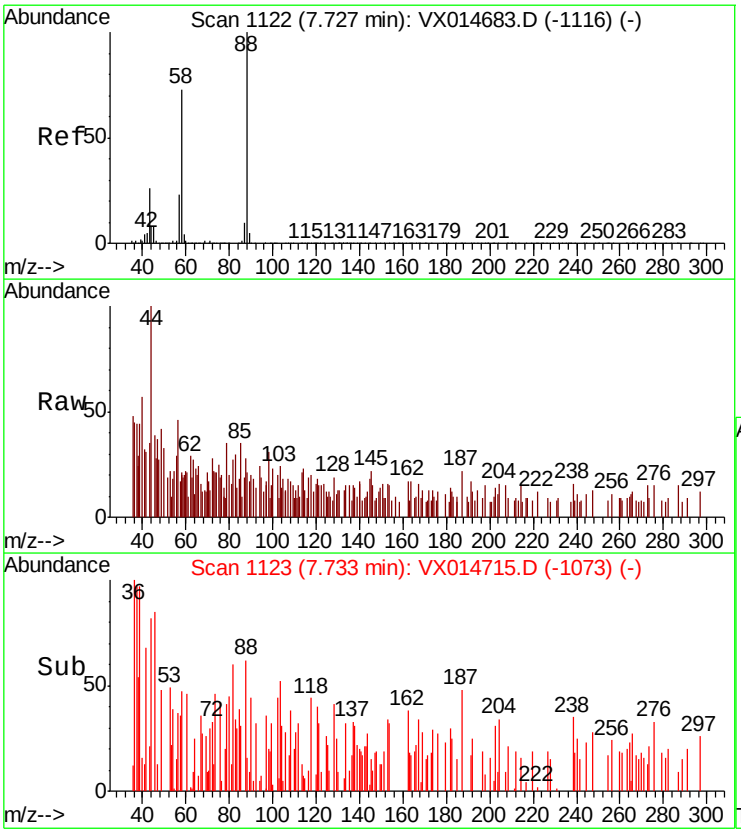
#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 41436

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.9	116.9#
121	0.0	25.4	38.2#

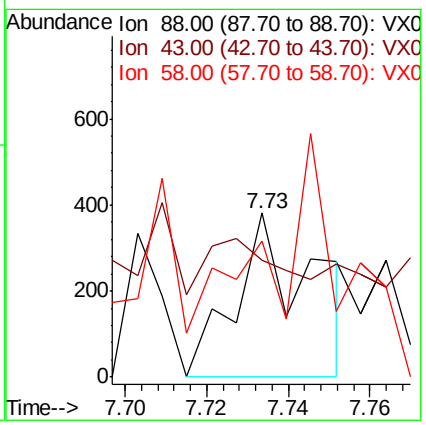


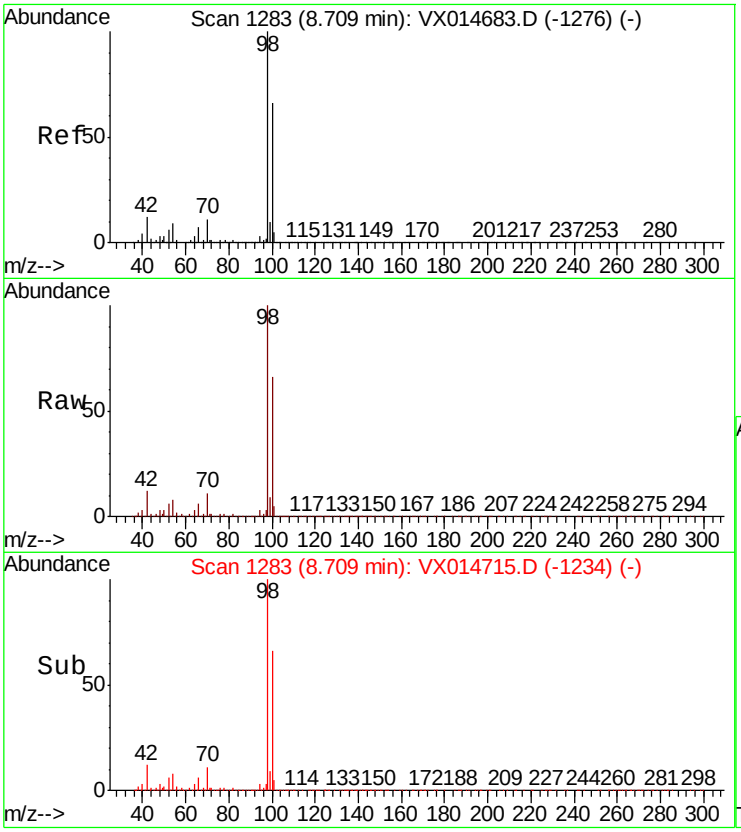


#49
1,4-Dioxane
Concen: 3.872 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 88 Resp: 495

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.2	39.2#
58	121.6	56.6	85.0#



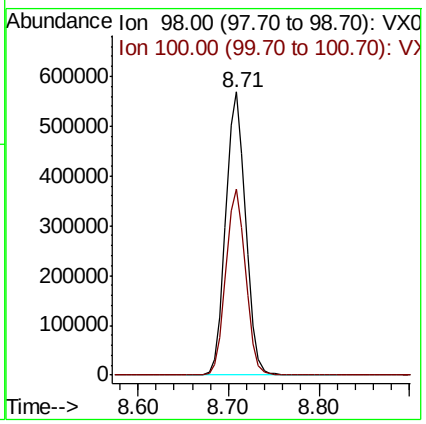


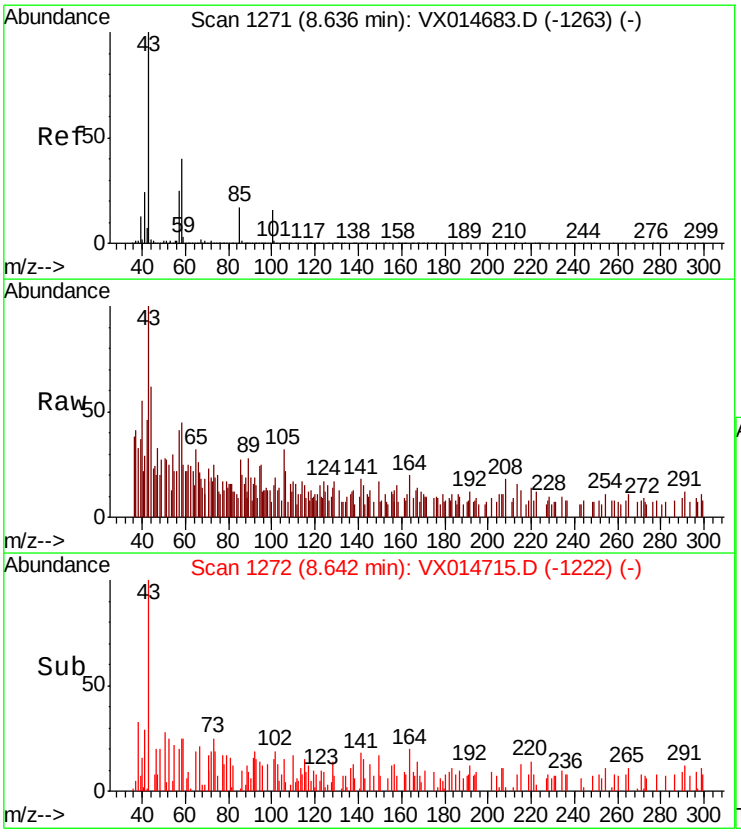
#50
Toluene-d8
Concen: 49.323 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 866577

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6

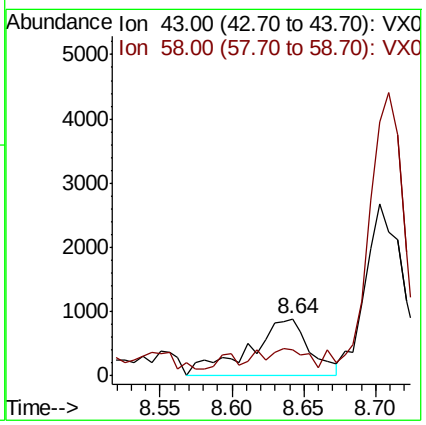


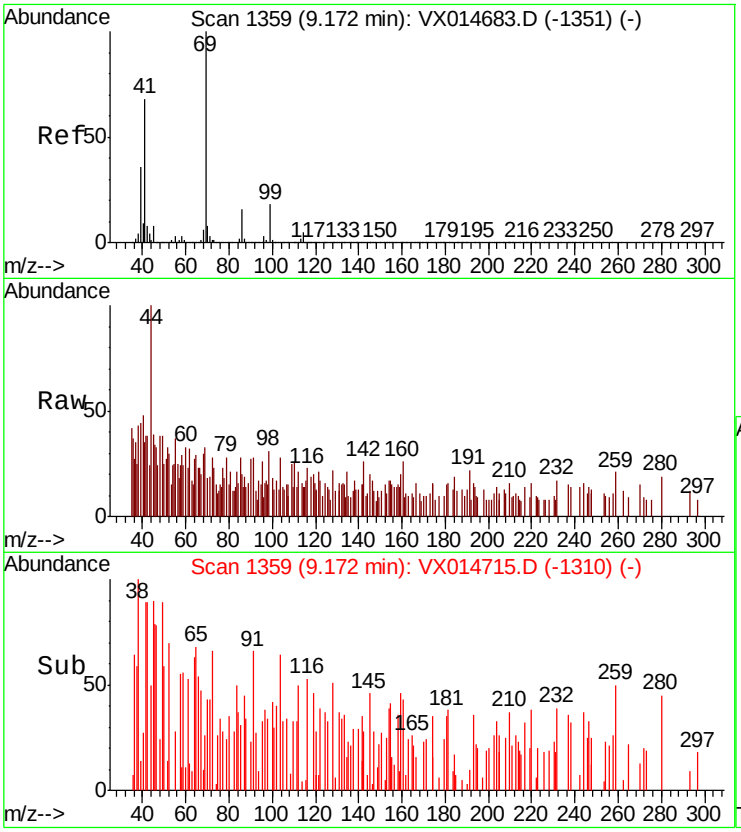


#51
4-Methyl-2-Pentanone
Concen: 0.327 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 43 Resp: 2607

Ion	Ratio	Lower	Upper
43	100		
58	34.8	31.6	47.4



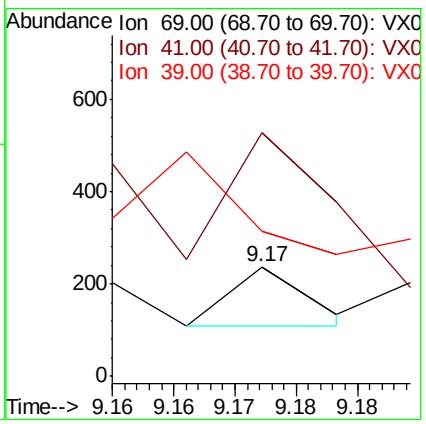


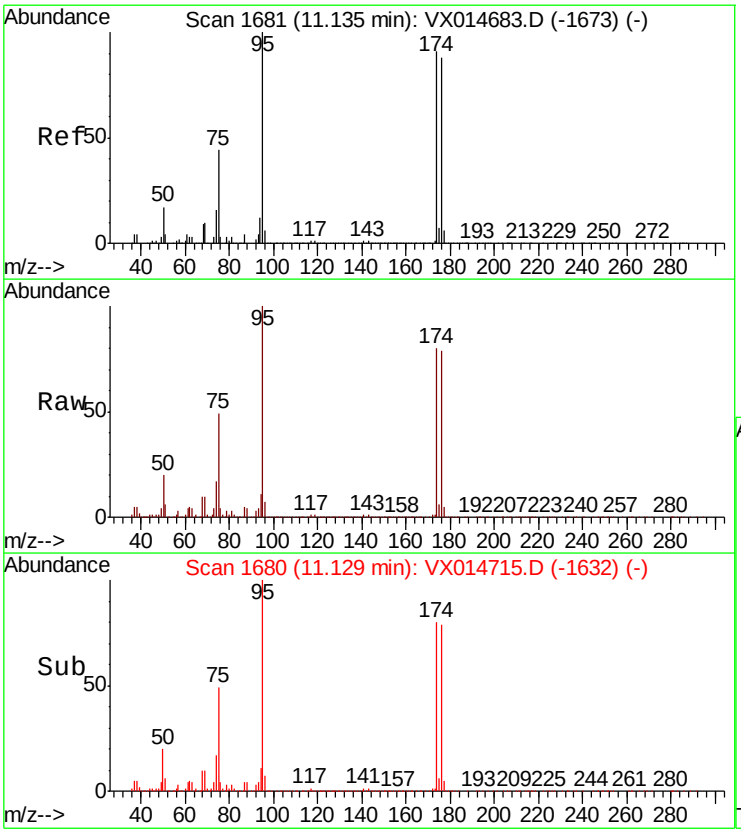
#56
Ethyl methacrylate
Concen: 1.791 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 56

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.9	82.3#
39	267.9	29.3	43.9#

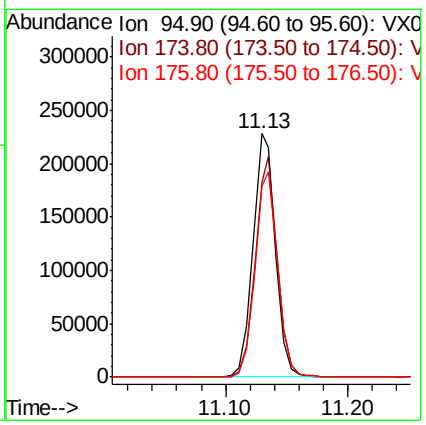


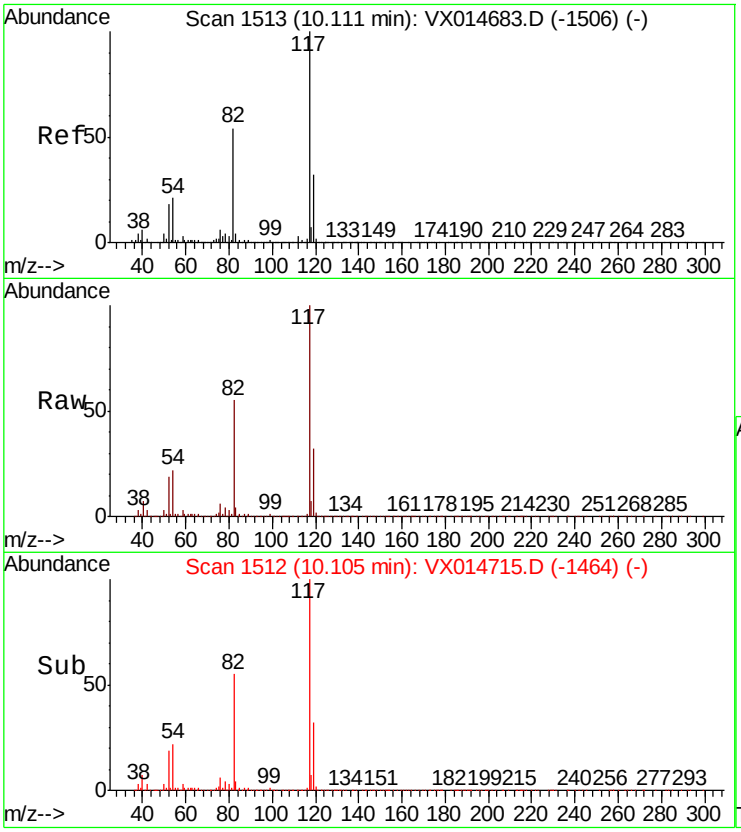


#62
4-Bromofluorobenzene
Concen: 46.647 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 95 Resp: 291947

Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	176.0
176	85.1	0.0	172.2



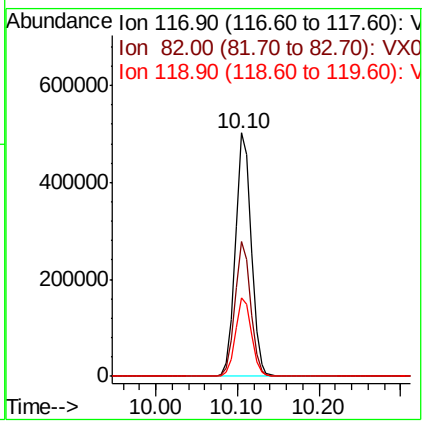


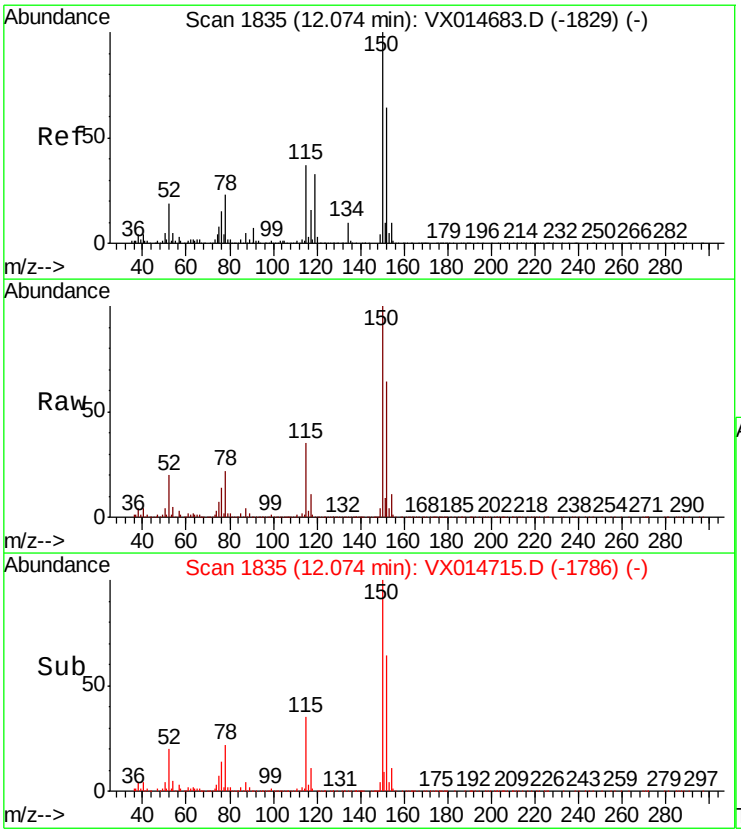
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 661798

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.2	64.8
119	32.4	25.8	38.6

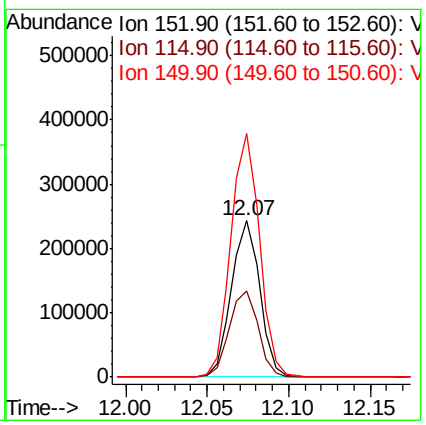


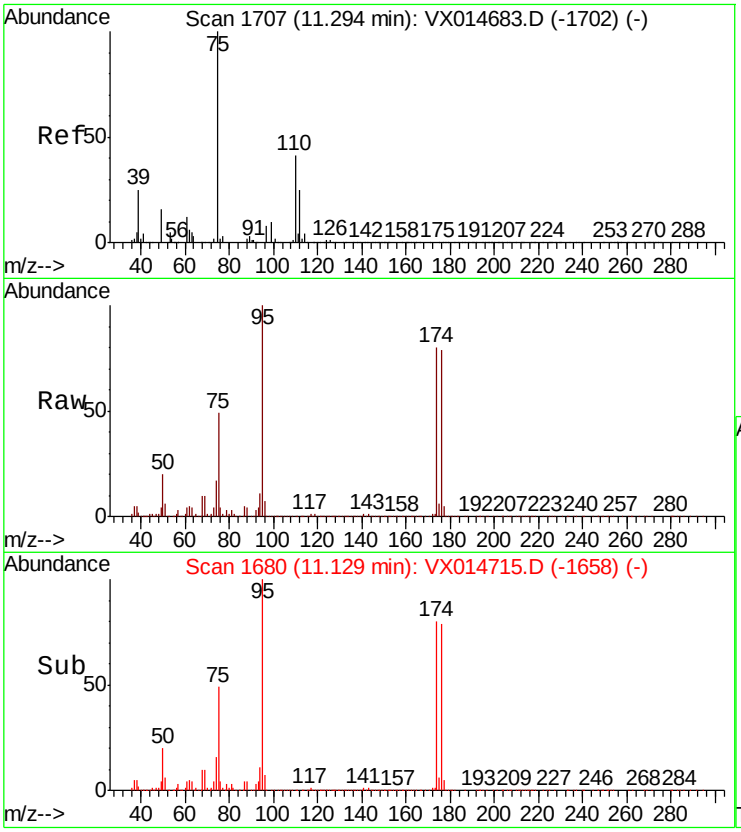


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion:152 Resp: 296287

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.4	118.1
150	156.6	0.0	351.2



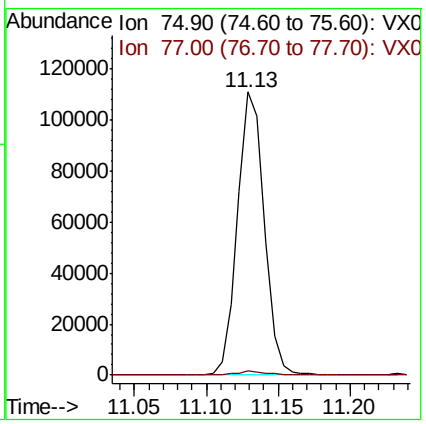


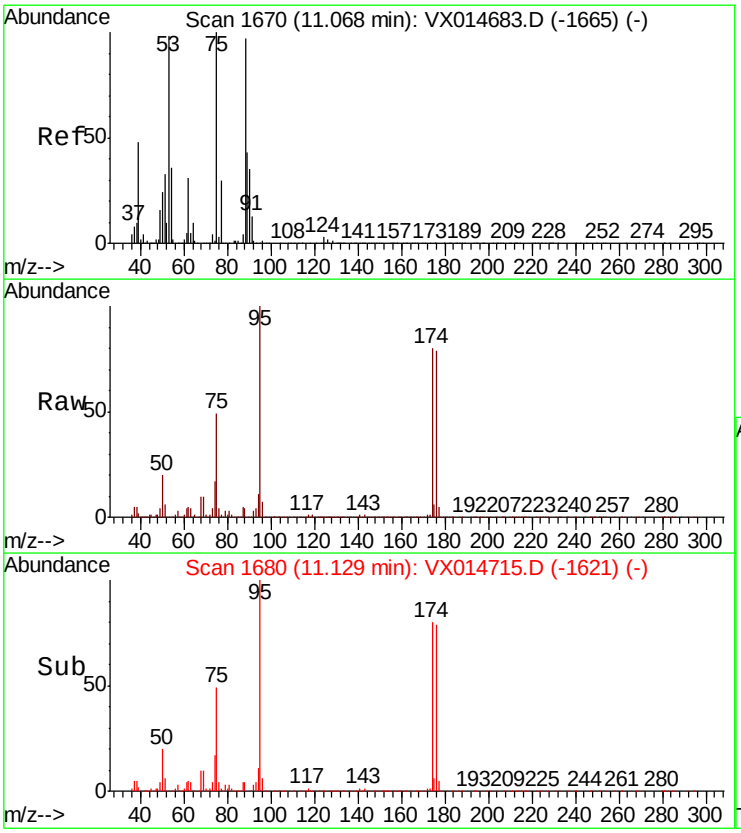
#76
1,2,3-Trichloropropane
Concen: 20.888 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 143986

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.7	56.1#

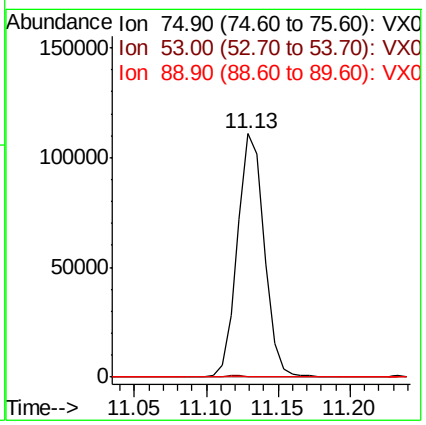


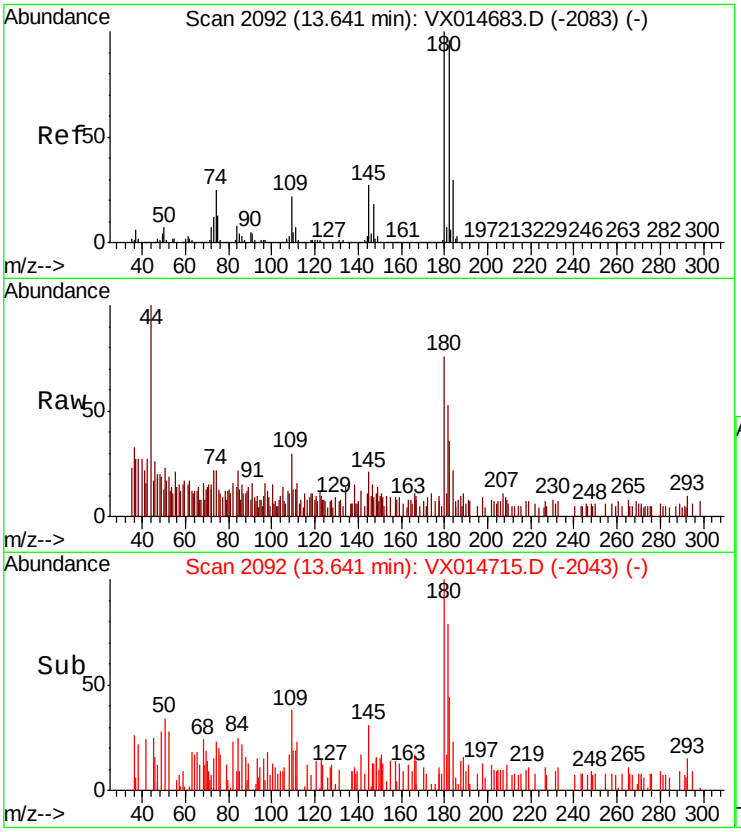


#81
trans-1,4-Dichloro-2-butene
Concen: 59.443 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion: 75 Resp: 143986

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.8	118.2#
89	0.4	35.4	53.0#



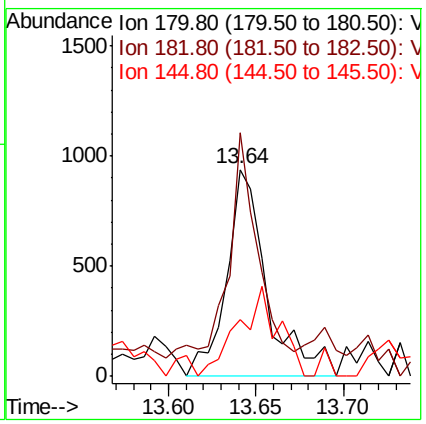


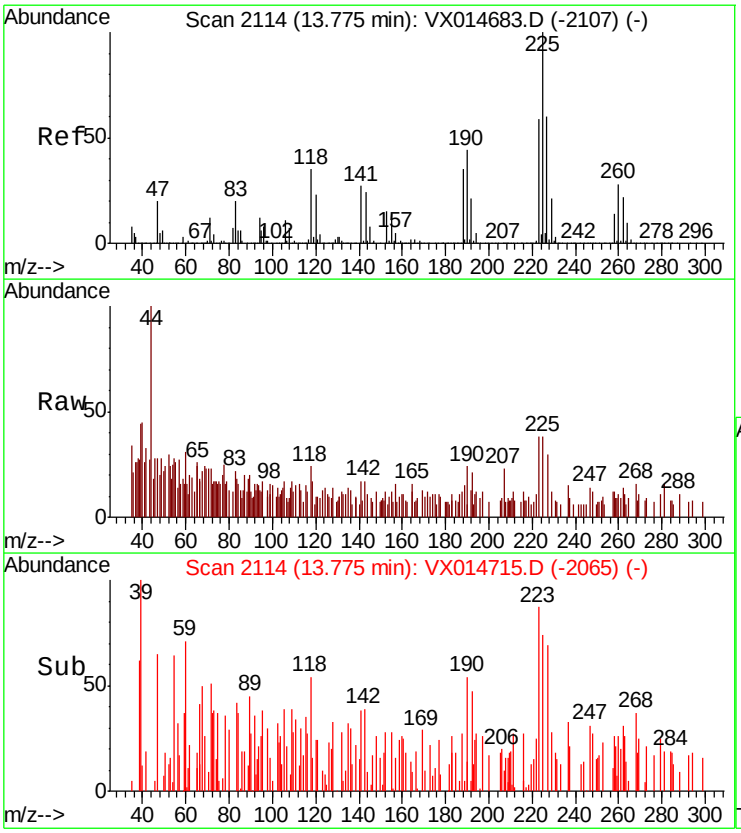
#93
1,2,4-Trichlorobenzene
Concen: 0.235 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1514

Ion	Ratio	Lower	Upper
180	100		
182	100.1	48.5	145.6
145	42.7	14.0	41.9#

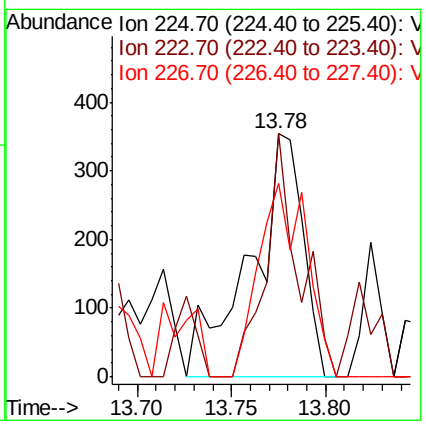


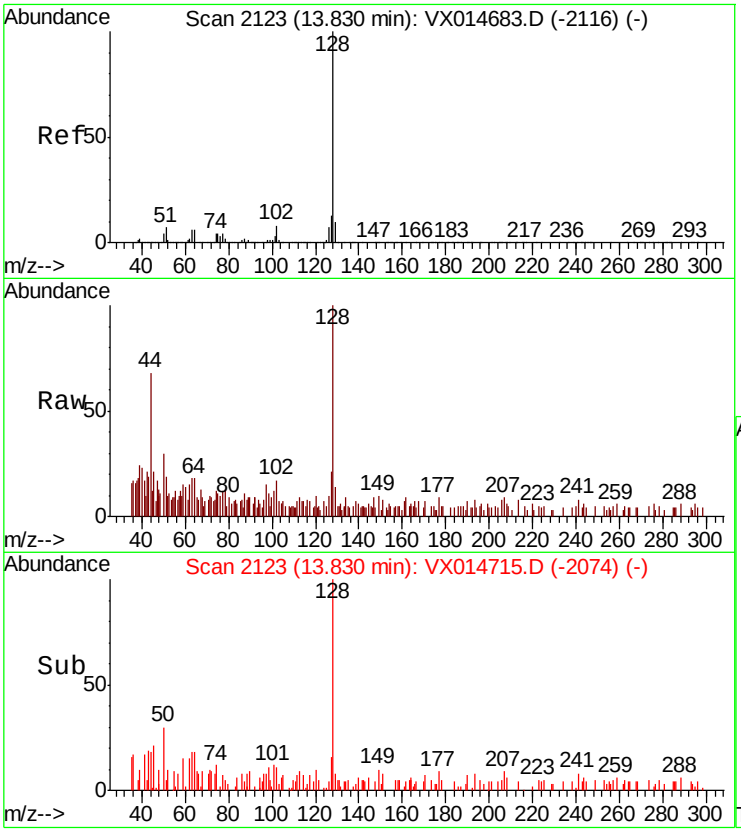


#94
Hexachlorobutadiene
Concen: 0.206 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Tgt Ion:225 Resp: 683

Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.6	91.8
227	72.8	31.4	94.0





#95
Naphthalene
Concen: 1.070 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014715.D
Acq: 27 Jan 2020 10:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2930

Ion	Ratio	Lower	Upper
128	100		
127	31.6	10.3	15.5#
129	15.4	8.6	12.8#