Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014721.D
Acq On : 27 Jan 2020 13:11
Operator : JC/SP
Sample : L1265-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:14:32 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	458812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	714335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	659843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	267732	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
35) Dibromofluoromethane	5.49	113	222215	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
50) Toluene-d8	8.71	98	857938	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
62) 4-Bromofluorobenzene	11.13	95	297152	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	884	0.673	ug/l	95
3) Chloromethane	1.32	50	2244	0.362	ug/l	98
6) Chloroethane	1.72	64	2160	Below Cal		90
10) Methyl Iodide	2.51	142	1353	0.225	ug/l #	73
11) Tert butyl alcohol	3.01	59	5063	4.209	ug/l	96
16) Acetone	2.44	43	12630	4.449	ug/l	91
17) Carbon Disulfide	2.56	76	3274	0.263	ug/l	95
18) Methyl Acetate	2.77	43	1758	0.210	ug/l #	64
25) 2-Butanone	4.67	43	5253	1.249	ug/l #	66
27) cis-1,2-Dichloroethene	4.61	96	2588	0.460	ug/l	67
29) Tetrahydrofuran	5.08	42	653	0.262	ug/l #	41
31) Cyclohexane	5.58	56	3388	0.407	ug/l	92
36) 1,1-Dichloropropene	5.65	75	32393	4.880	ug/l #	52
38) Carbon Tetrachloride	5.65	117	39954	6.303	ug/l #	16
39) Methylcyclohexane	7.46	83	5722	0.688	ug/l #	73
40) Benzene	6.14	78	80022	3.902	ug/l	98
41) Methacrylonitrile	5.03	41	363	Below Cal	#	84
49) 1,4-Dioxane	7.74	88	322	2.554	ug/l #	2
51) 4-Methyl-2-Pentanone	8.64	43	1592	0.203	ug/l #	72
52) Toluene	8.78	92	4866	0.386	ug/l	96
56) Ethyl methacrylate	9.20	69	334	1.821	ug/l #	7
58) 2-Chloroethyl Vinyl ether	8.32	63	808	0.311	ug/l #	60
67) Ethyl Benzene	10.25	91	9885	0.410	ug/l	98
68) m/p-Xylenes	10.36	106	5107	0.559	ug/l	89
69) o-Xylene	10.70	106	4169	0.473	ug/l	92
76) 1,2,3-Trichloropropane	11.13	75	145972	20.190	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.50	105	4766	0.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	145972	57.455	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	8623	0.474	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	13.00	75	375	0.224	ug/l	55
95) Naphthalene	13.83	128	82803	4.662	ug/l	98

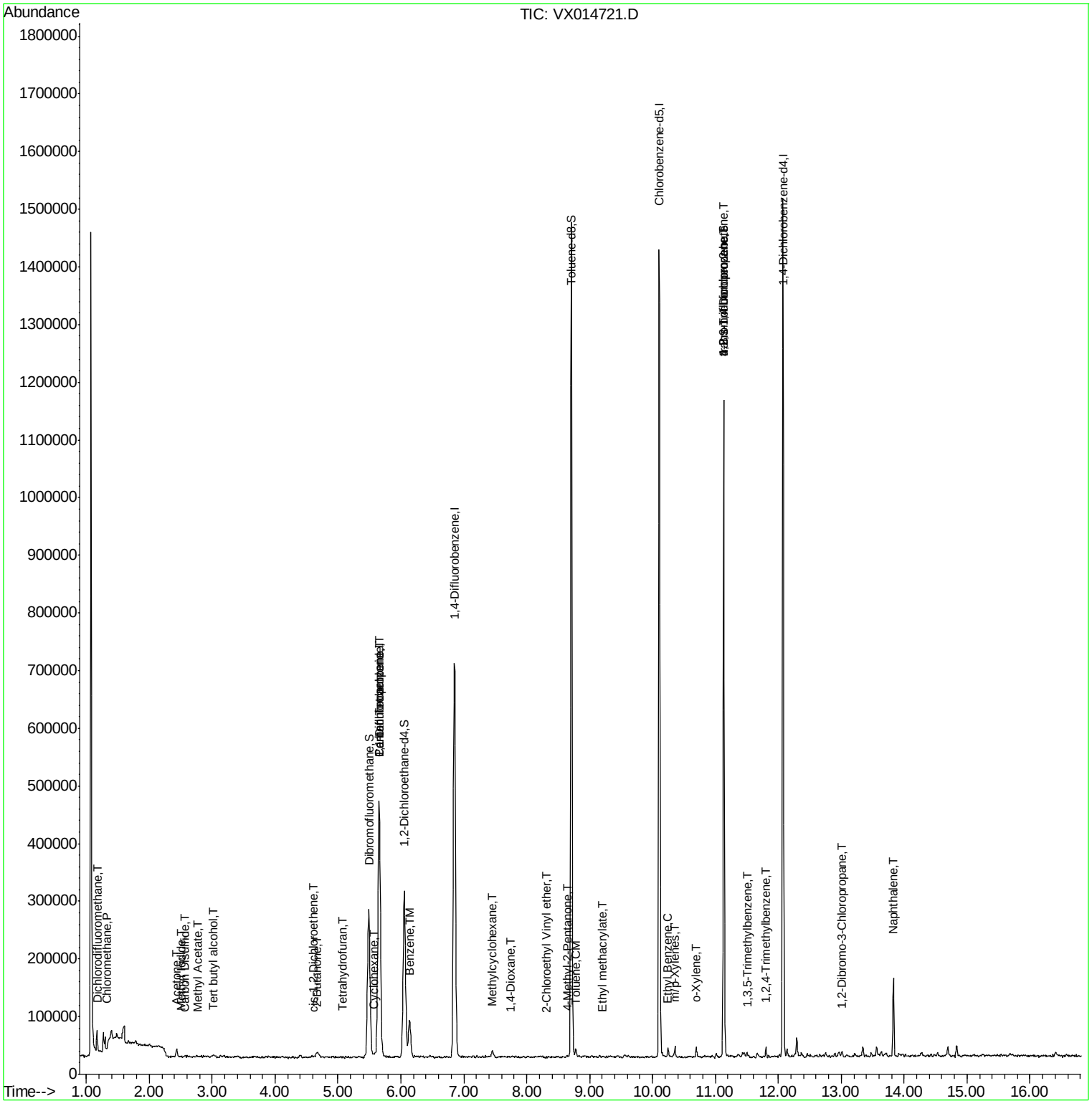
(#) = qualifier out of range (m) = manual integration (+) = signals summed

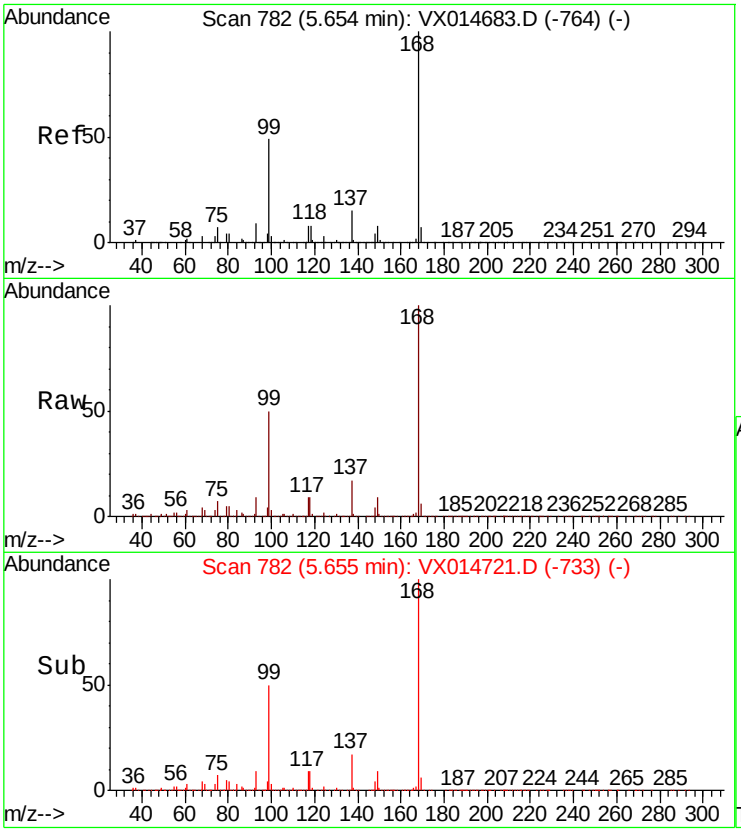
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014721.D
Acq On : 27 Jan 2020 13:11
Operator : JC/SP
Sample : L1265-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:14:32 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



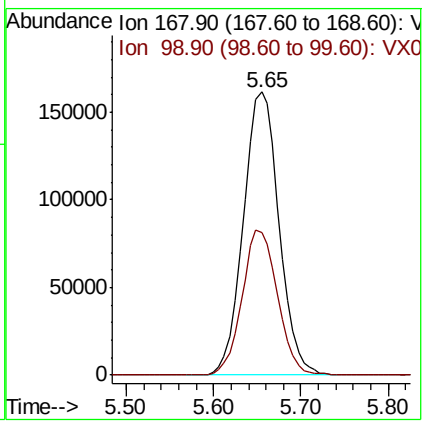


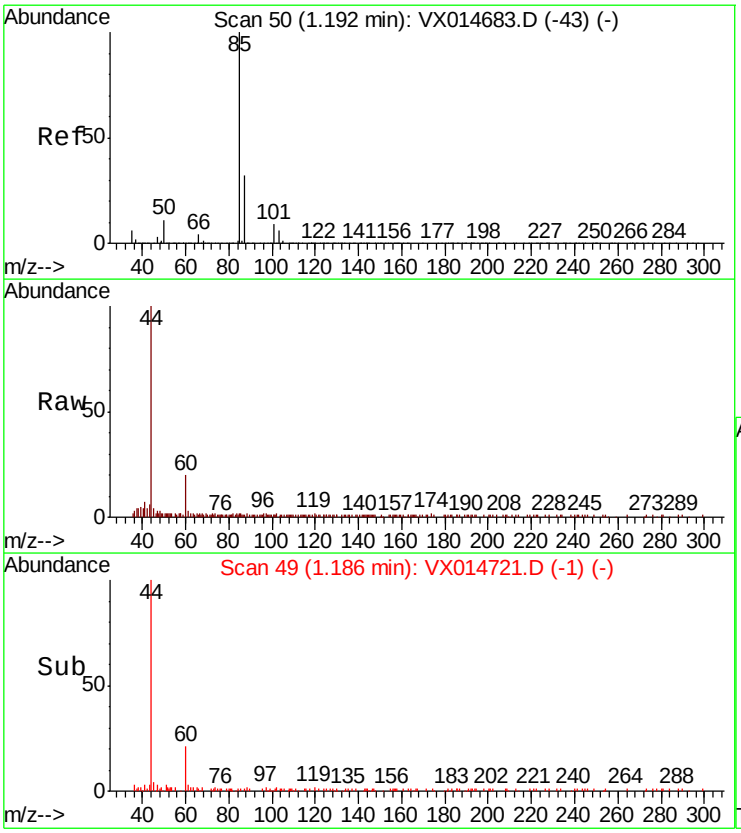
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 458812

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.8	59.6

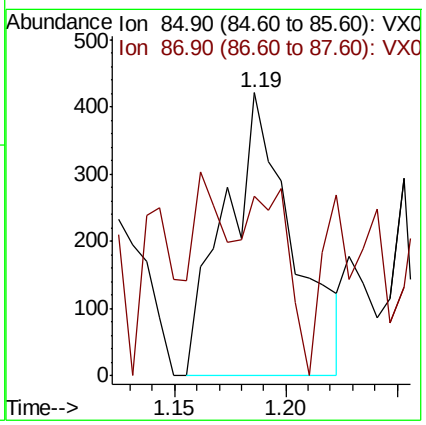


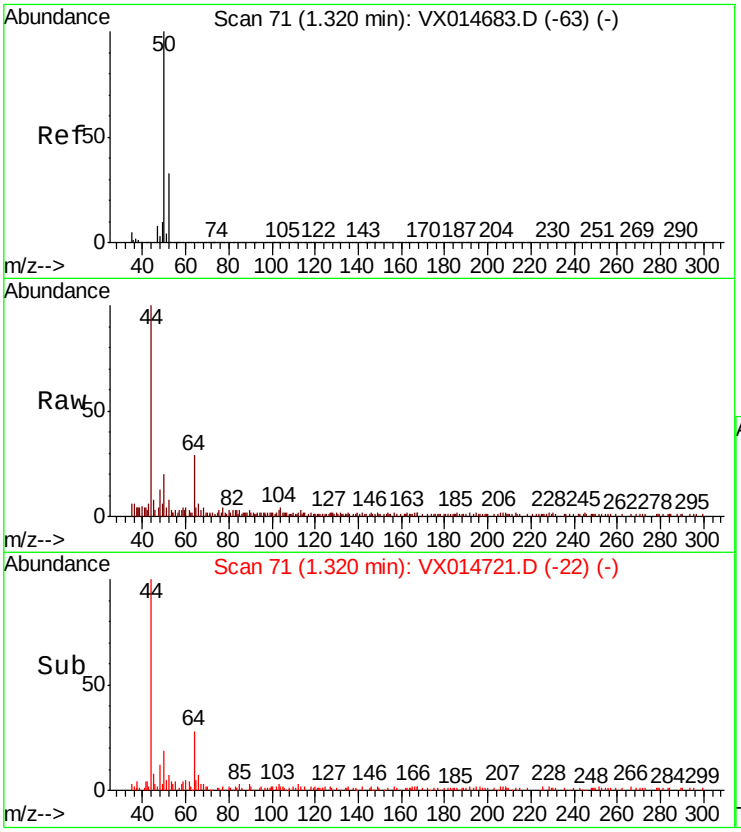


#2
Dichlorodifluoromethane
Concen: 0.673 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 85 Resp: 884

Ion	Ratio	Lower	Upper
85	100		
87	29.7	16.2	48.5



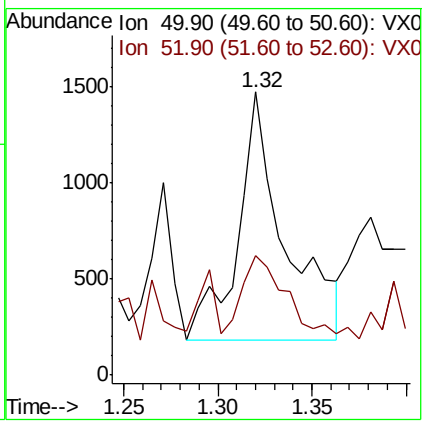


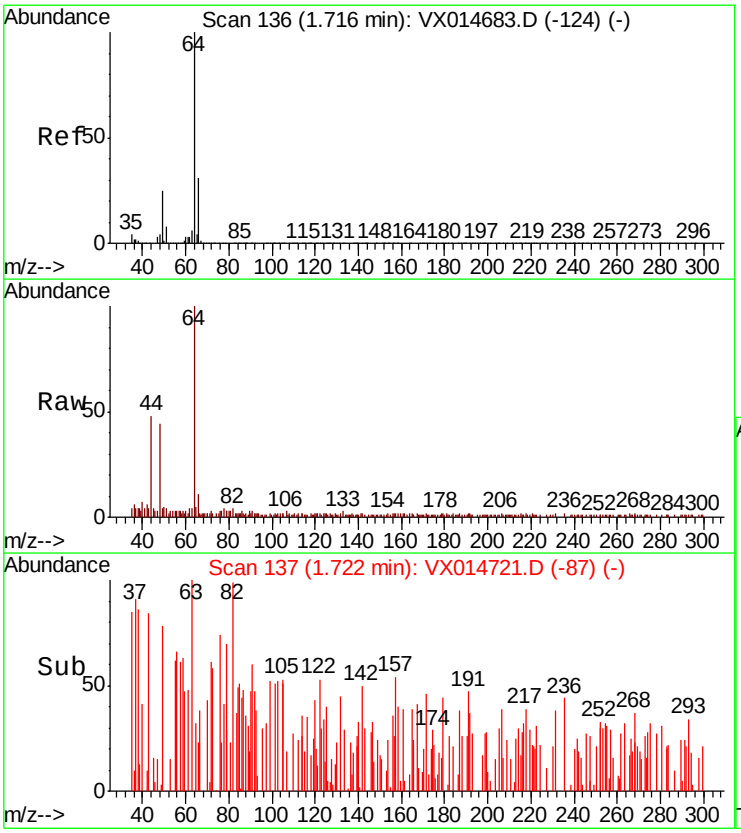
#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 2244

Ion	Ratio	Lower	Upper
50	100		
52	31.5	26.2	39.2

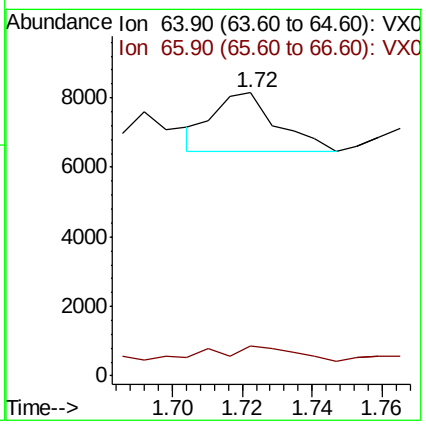


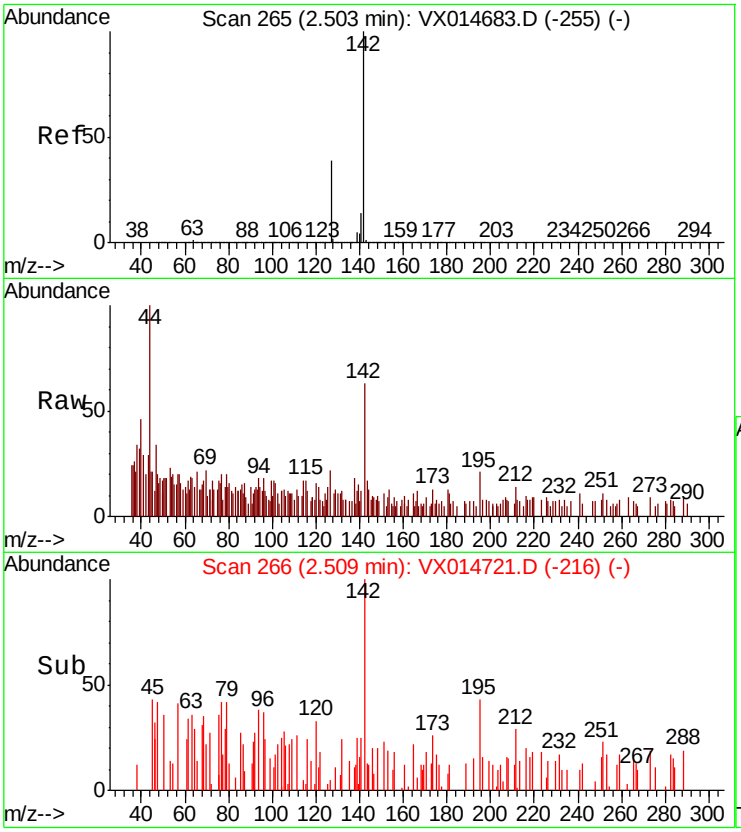


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 64 Resp: 2160

Ion	Ratio	Lower	Upper
64	100		
66	25.8	25.2	37.8



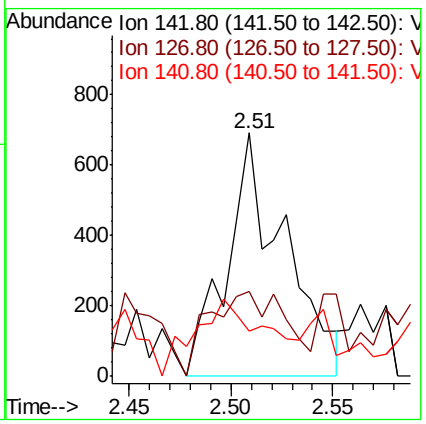


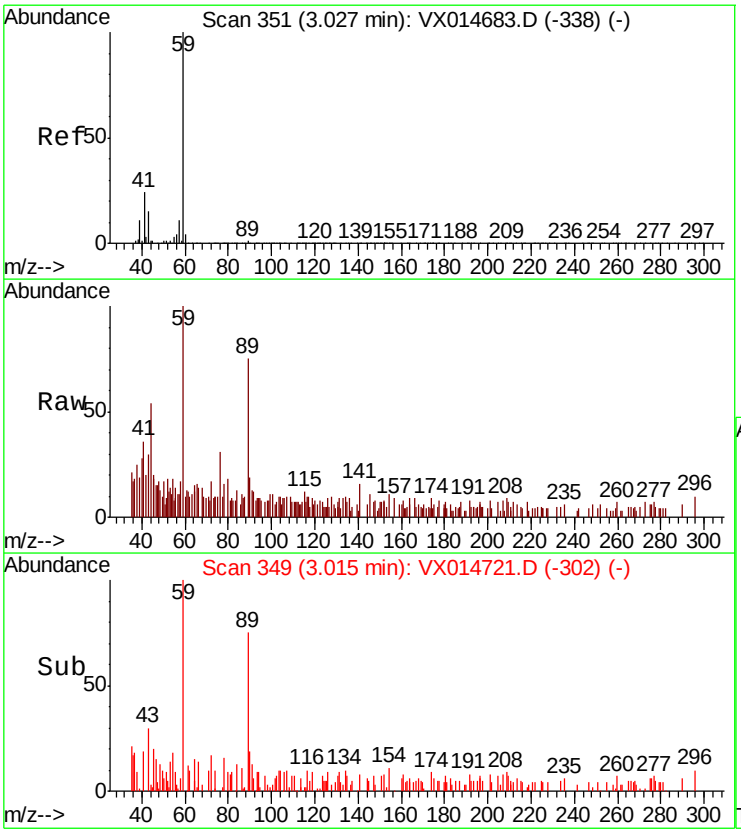
#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1353

Ion	Ratio	Lower	Upper
142	100		
127	46.8	31.1	46.7#
141	40.7	11.3	16.9#

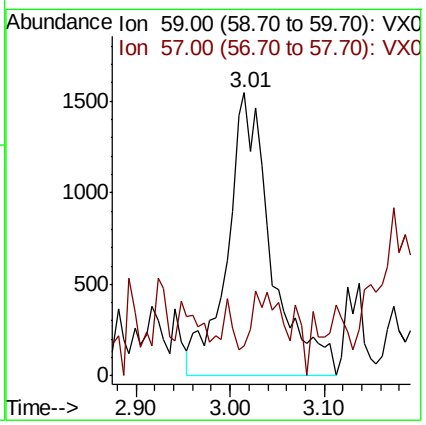


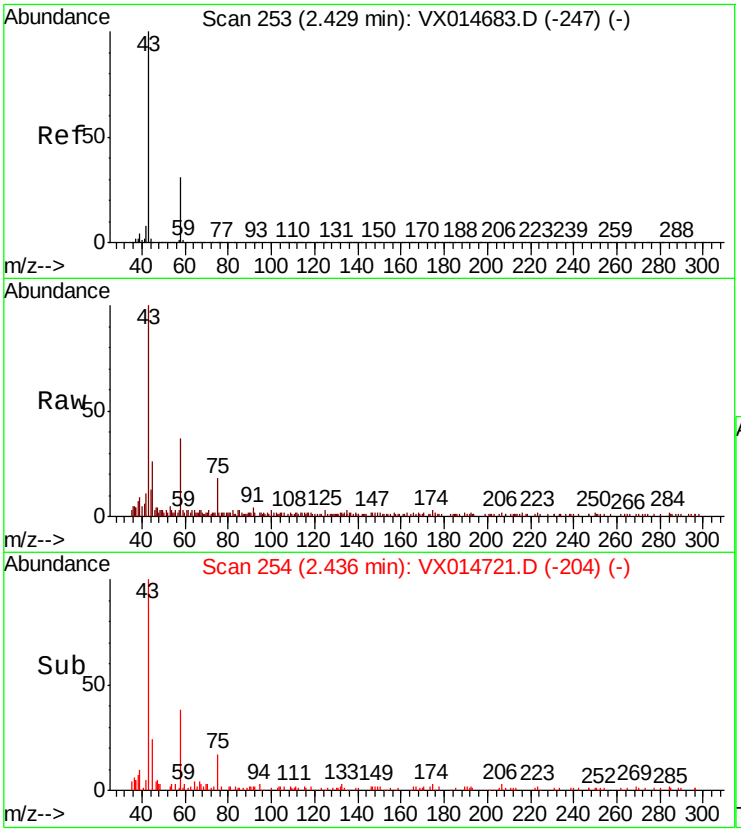


#11
Tert butyl alcohol
Concen: 4.209 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 59 Resp: 5063

Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.3	12.5



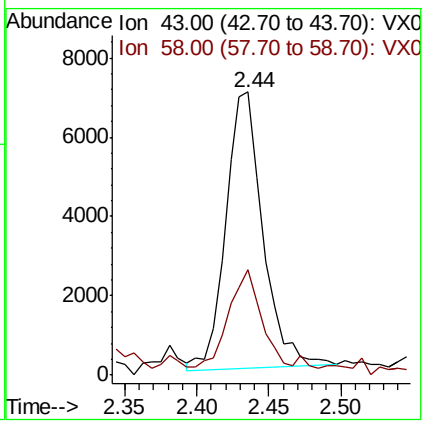


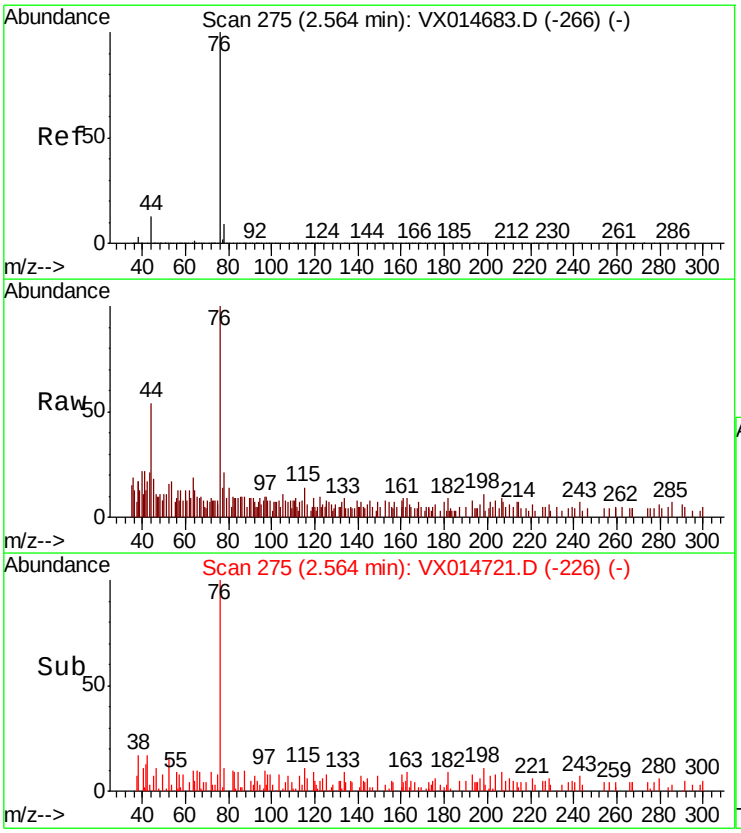
#16
Acetone
Concen: 4.449 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12630

Ion	Ratio	Lower	Upper
43	100		
58	35.8	24.5	36.7

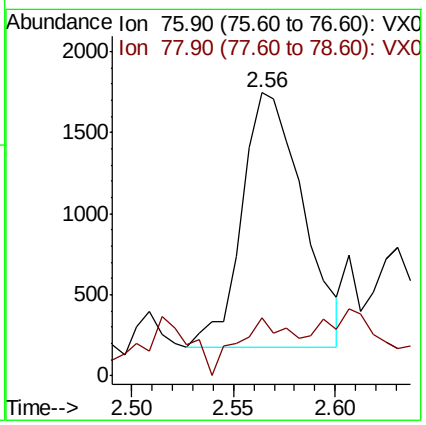


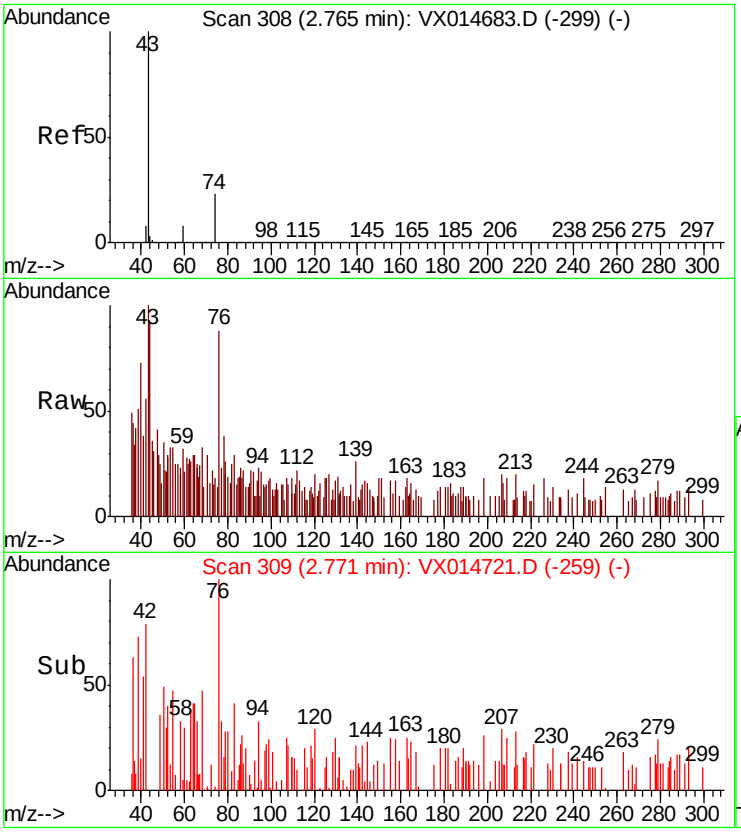


#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 76 Resp: 3274

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.2	10.8



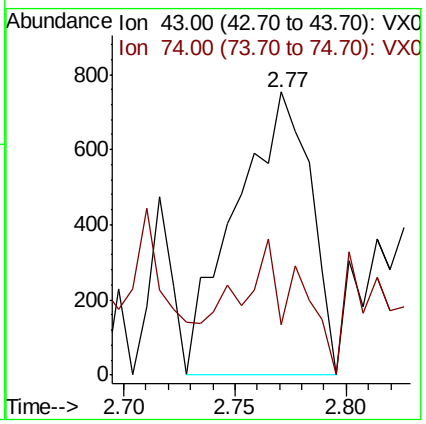


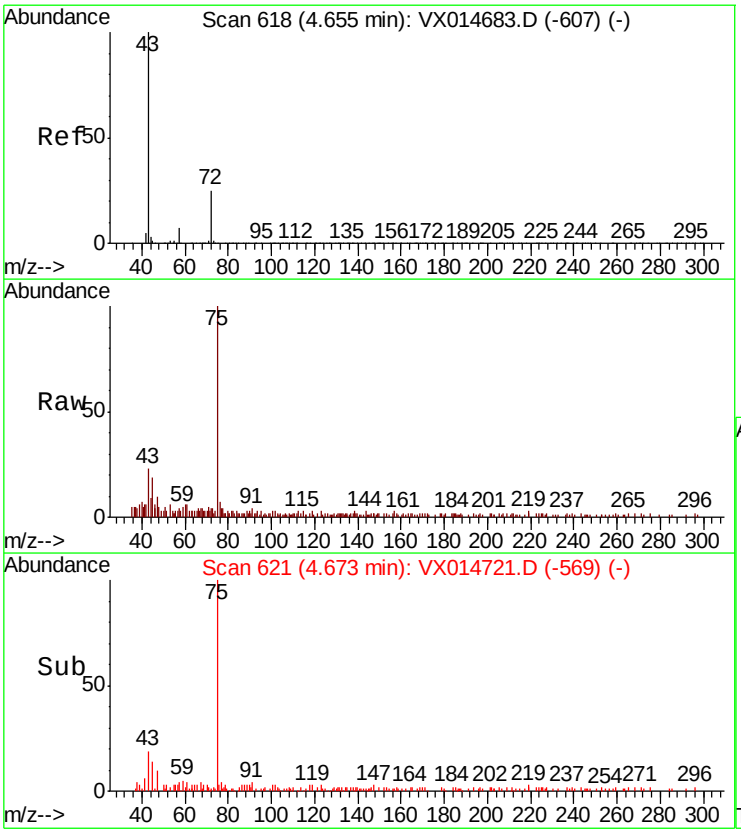
#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.77 min Scan# 309
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1758

Ion	Ratio	Lower	Upper
43	100		
74	40.6	18.5	27.7#

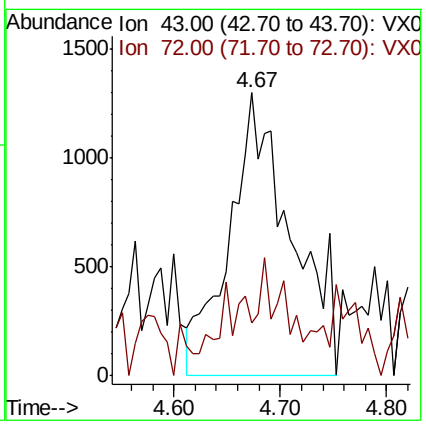


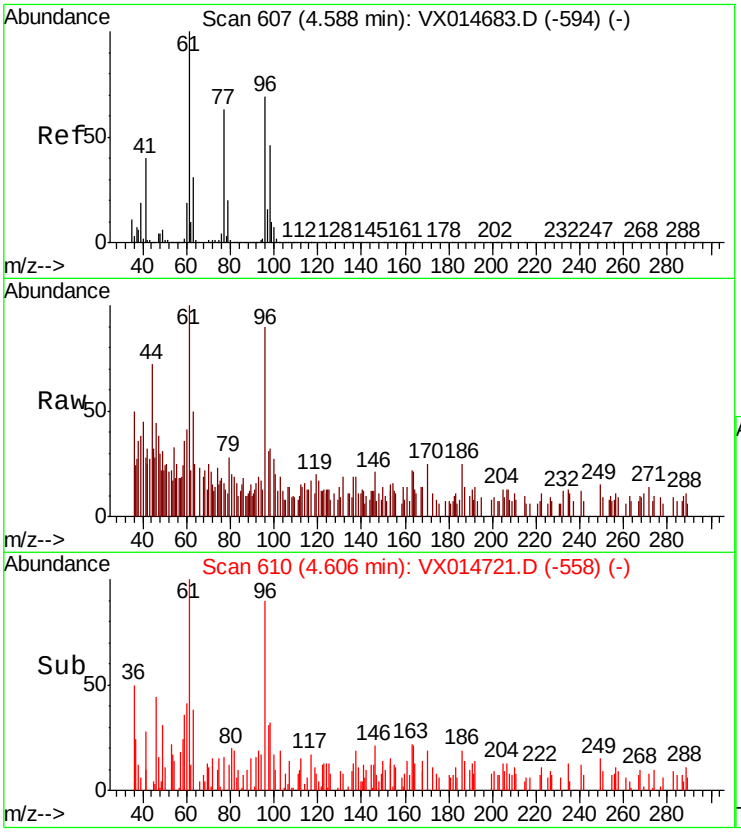


#25
2-Butanone
Concen: 1.249 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 43 Resp: 5253

Ion	Ratio	Lower	Upper
43	100		
72	8.1	19.9	29.9#



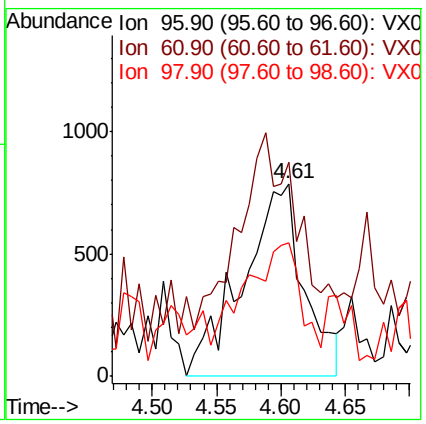


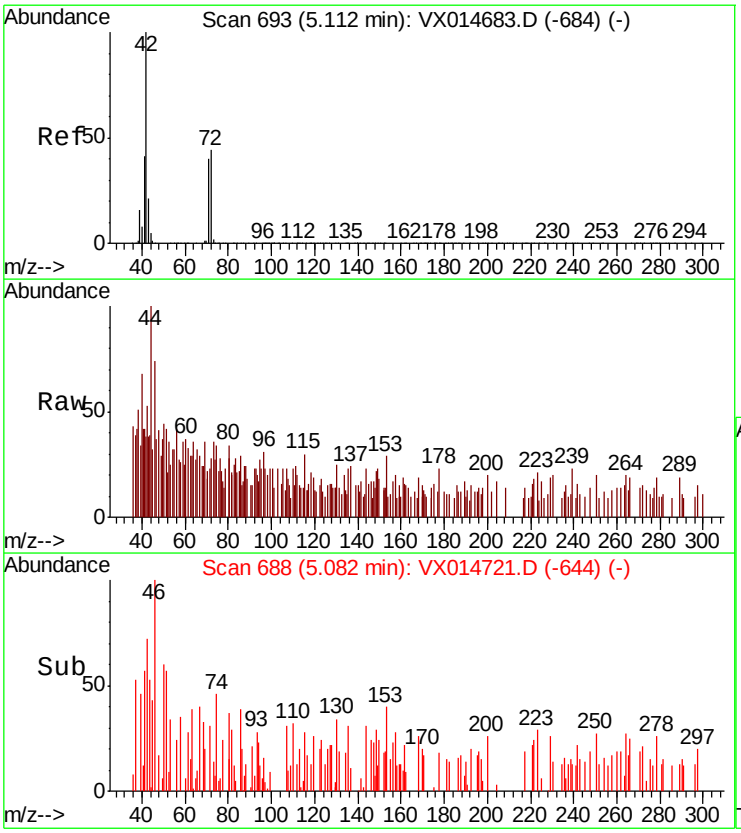
#27
cis-1,2-Dichloroethene
Concen: 0.460 ug/l
RT: 4.61 min Scan# 610
Delta R.T. 0.02 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2588

Ion	Ratio	Lower	Upper
96	100		
61	96.4	0.0	291.0
98	49.0	0.0	129.8

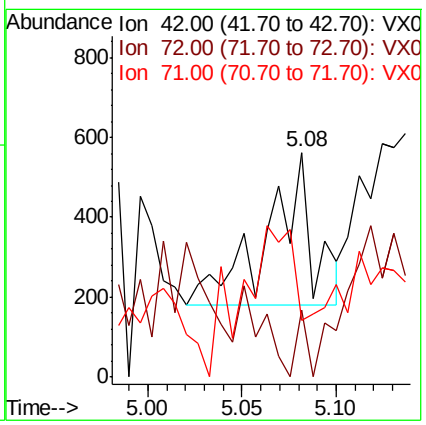


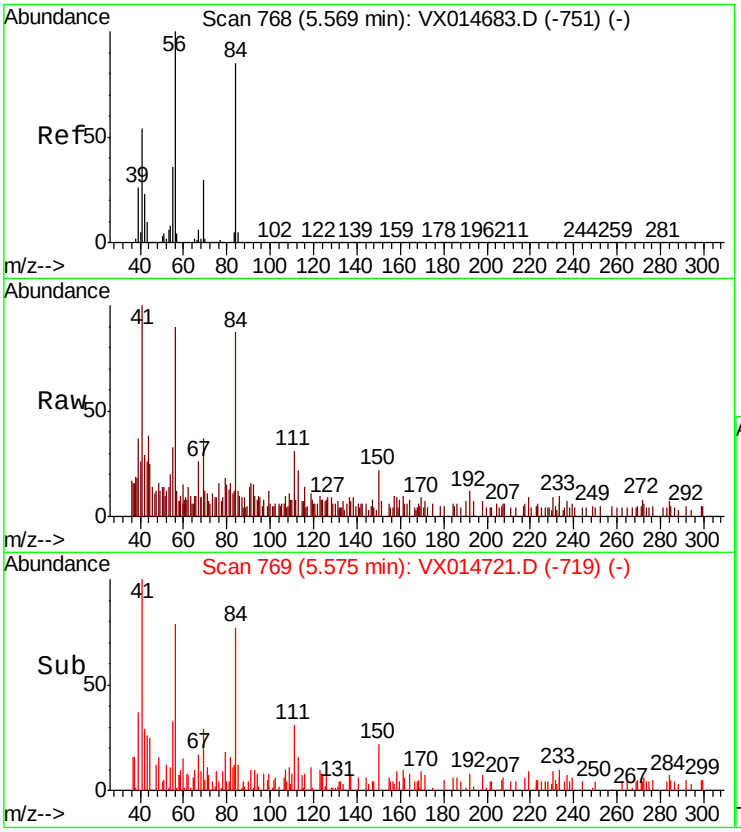


#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 5.08 min Scan# 688
Delta R.T. -0.03 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
72	9.5	35.3	52.9#
71	0.0	33.1	49.7#



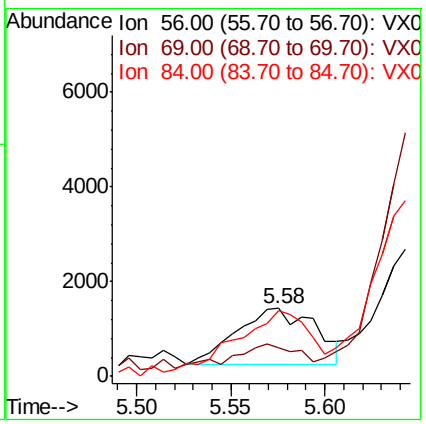


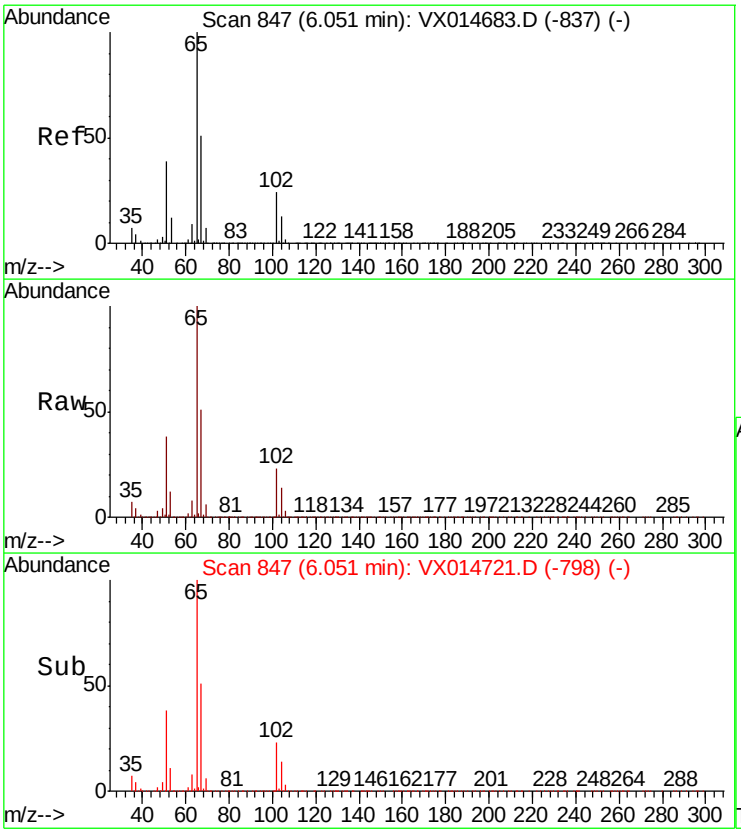
#31
Cyclohexane
Concen: 0.407 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3388

Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.4	35.2
84	94.3	68.4	102.6

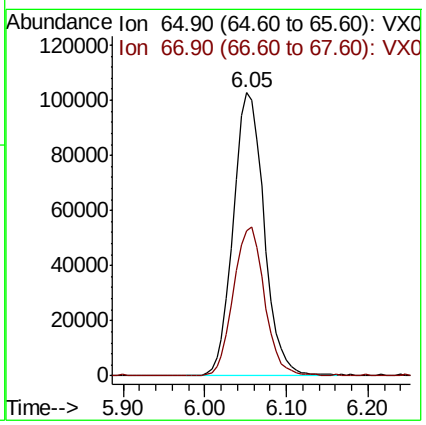


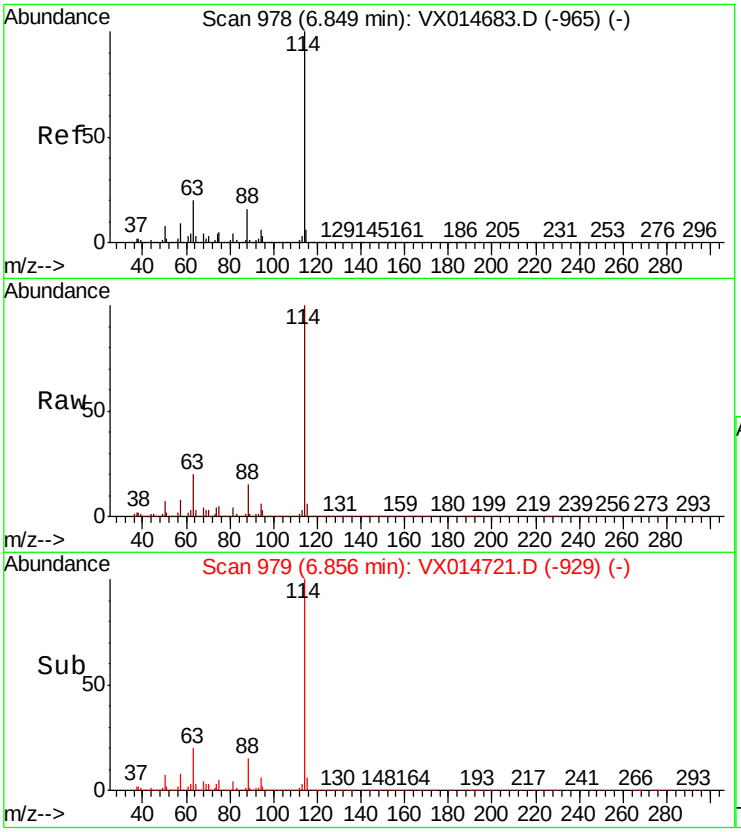


#33
1,2-Dichloroethane-d4
Concen: 49.970 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 65 Resp: 267732

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.4



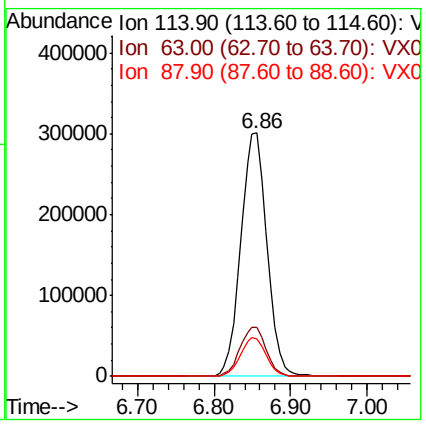


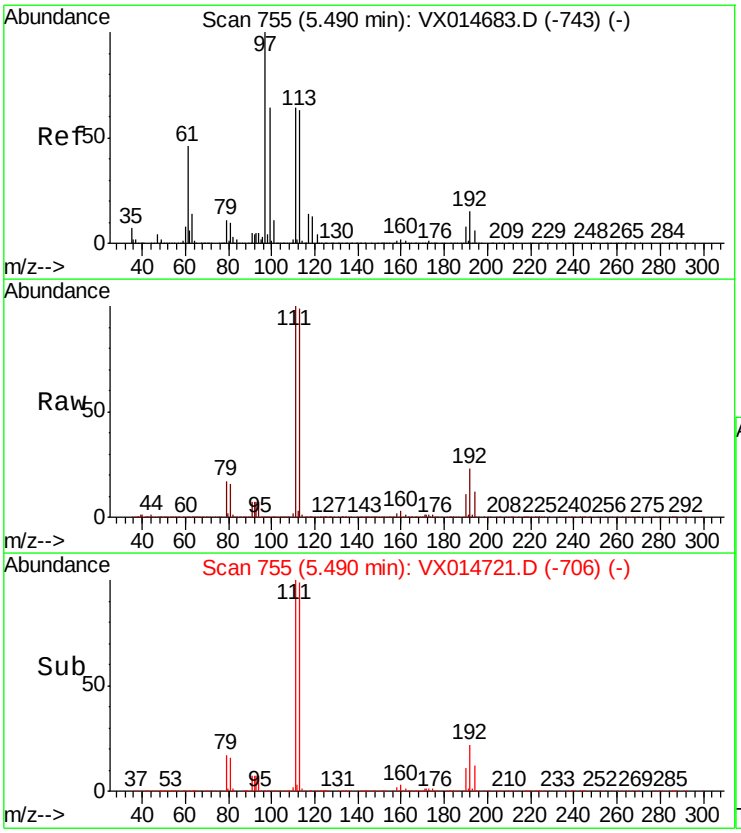
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 714335

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	15.4	0.0	31.2

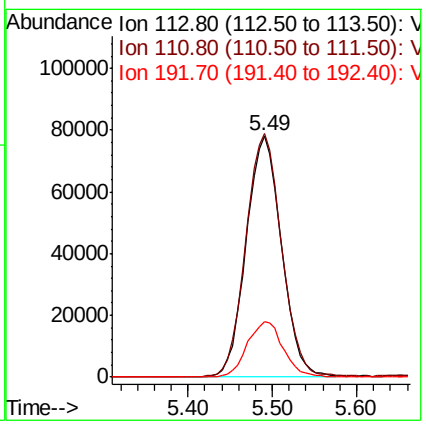


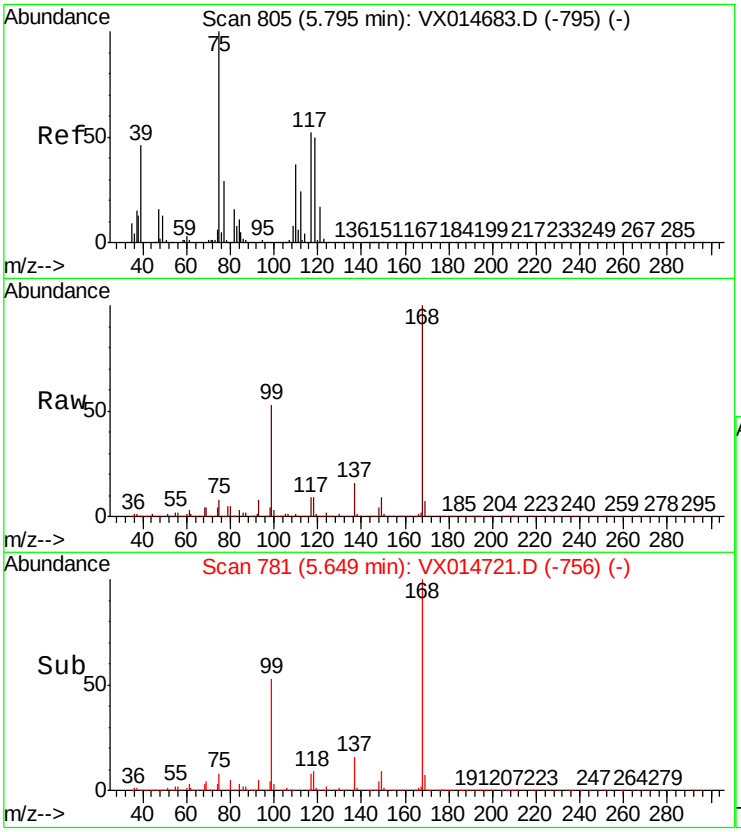


#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:113 Resp: 222215

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	23.6	18.5	27.7



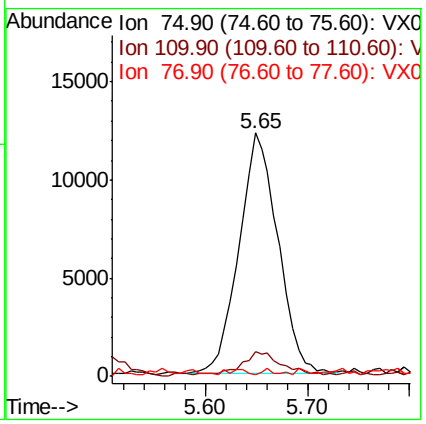


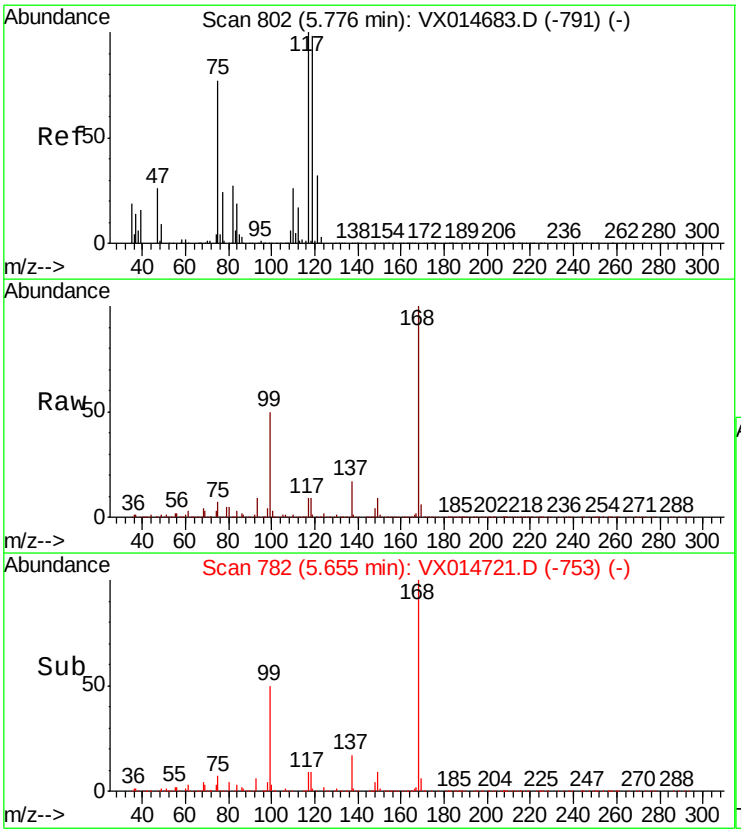
#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32393

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.7#
77	0.6	24.1	36.1#

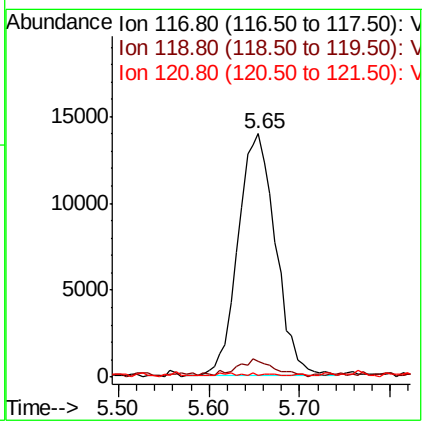


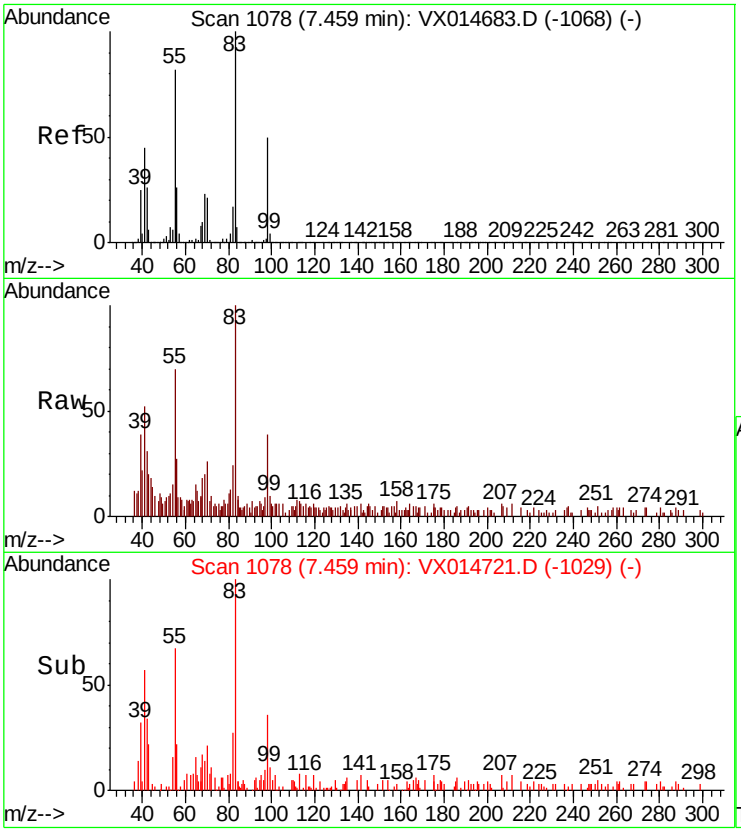


#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:117 Resp: 39954

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.9	116.9#
121	0.0	25.4	38.2#



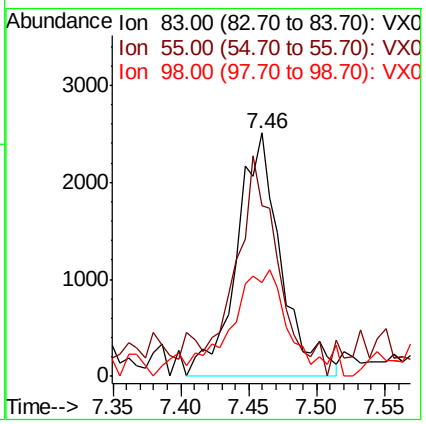


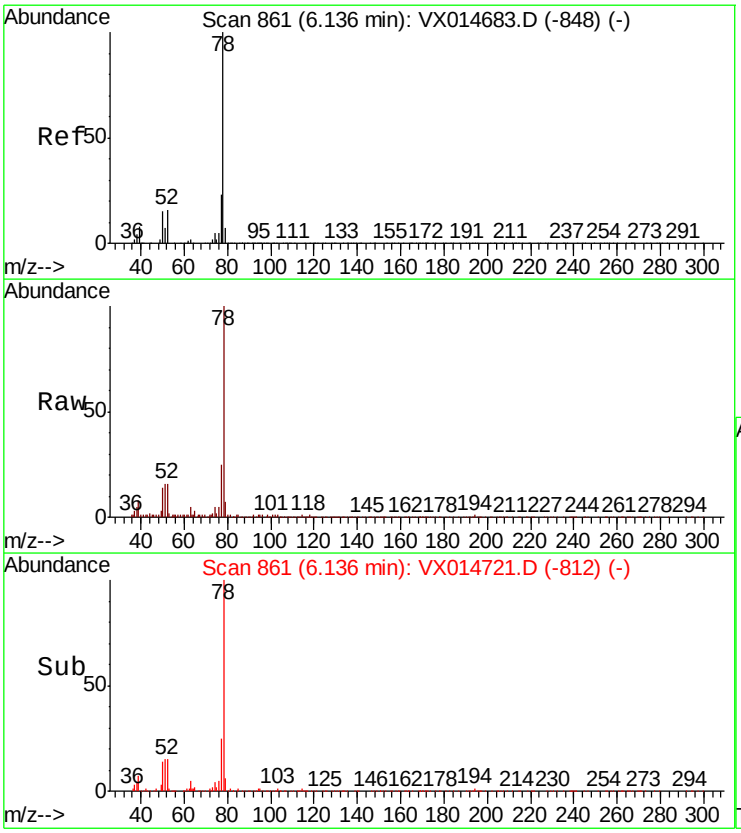
#39
Methylcyclohexane
Concen: 0.688 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 5722

Ion	Ratio	Lower	Upper
83	100		
55	55.2	65.6	98.4#
98	34.4	40.2	60.4#

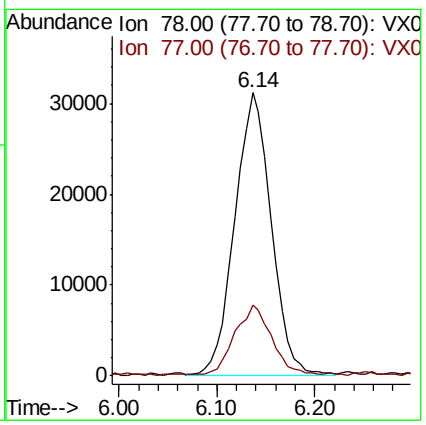


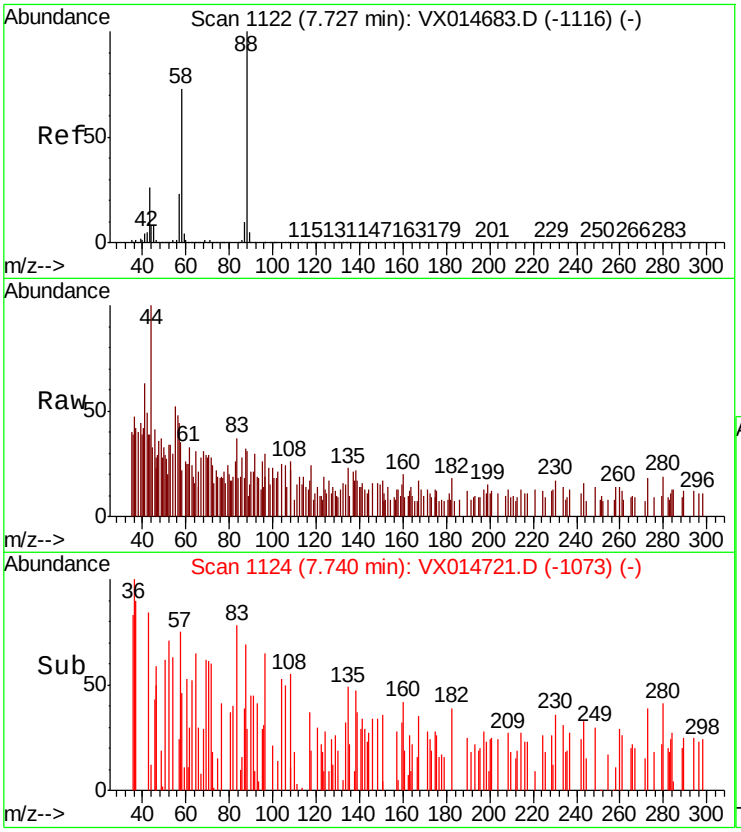


#40
Benzene
Concen: 3.902 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 78 Resp: 80022

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1



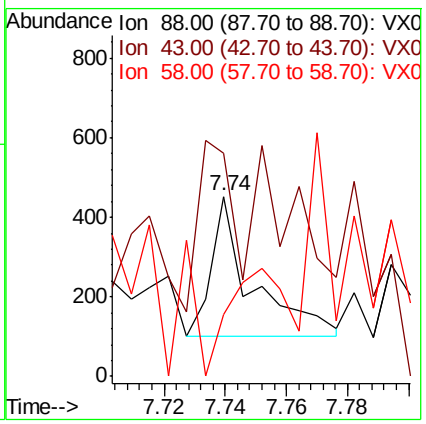


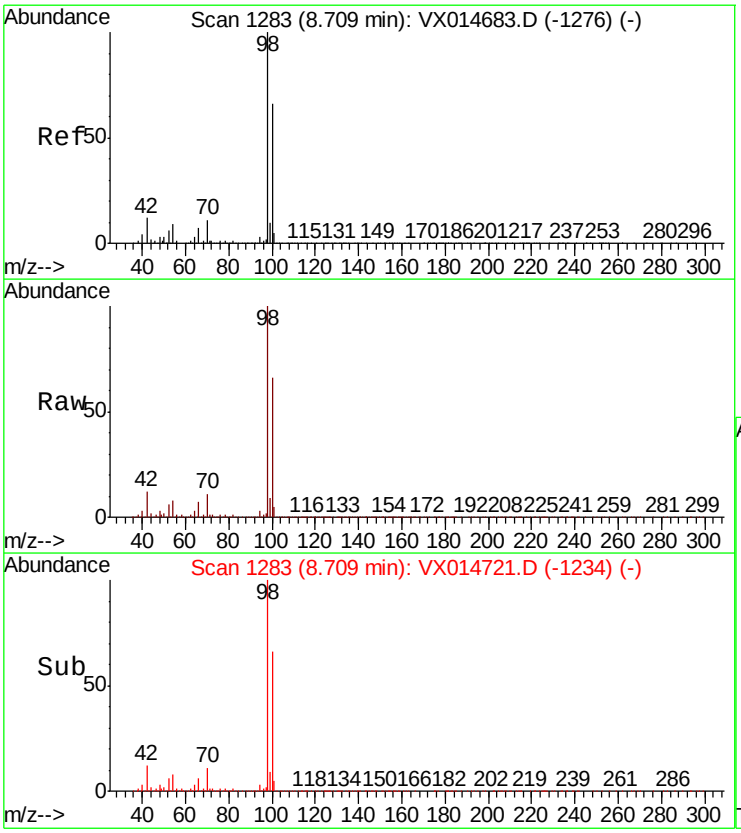
#49
1,4-Dioxane
Concen: 2.554 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 322

Ion	Ratio	Lower	Upper
88	100		
43	103.4	26.2	39.2#
58	0.0	56.6	85.0#

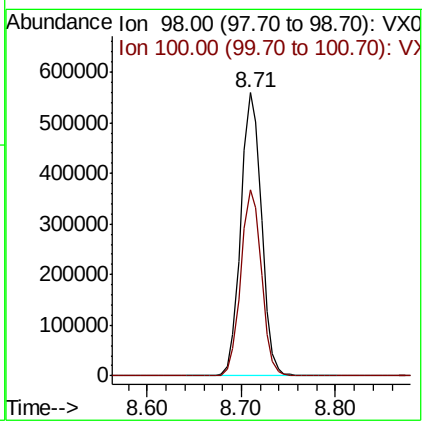


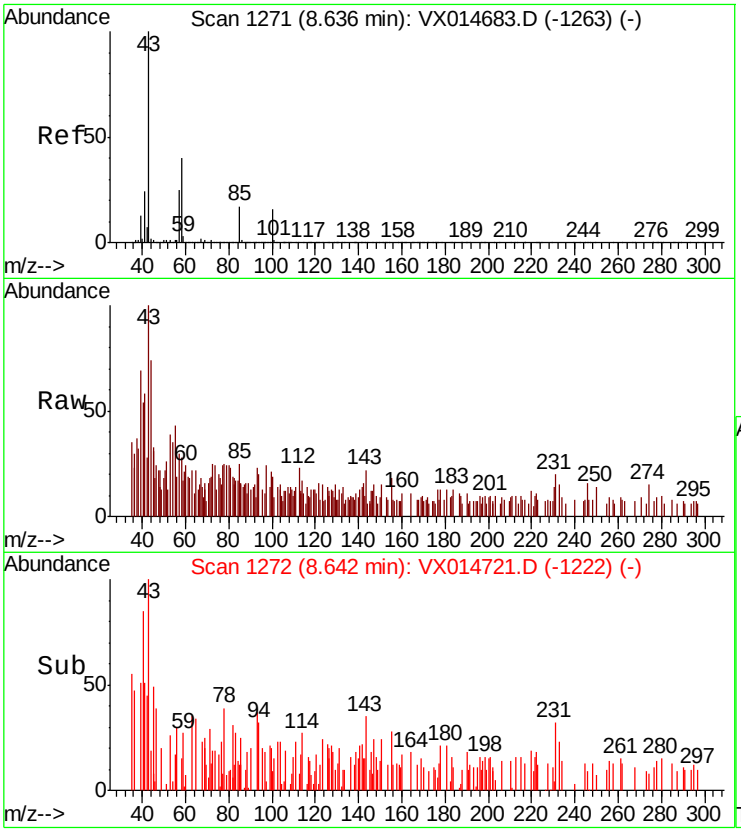


#50
Toluene-d8
Concen: 49.511 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 98 Resp: 857938

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6



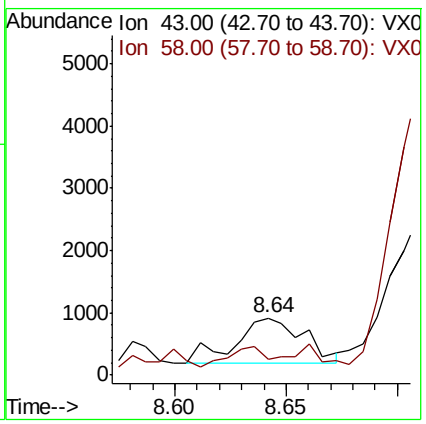


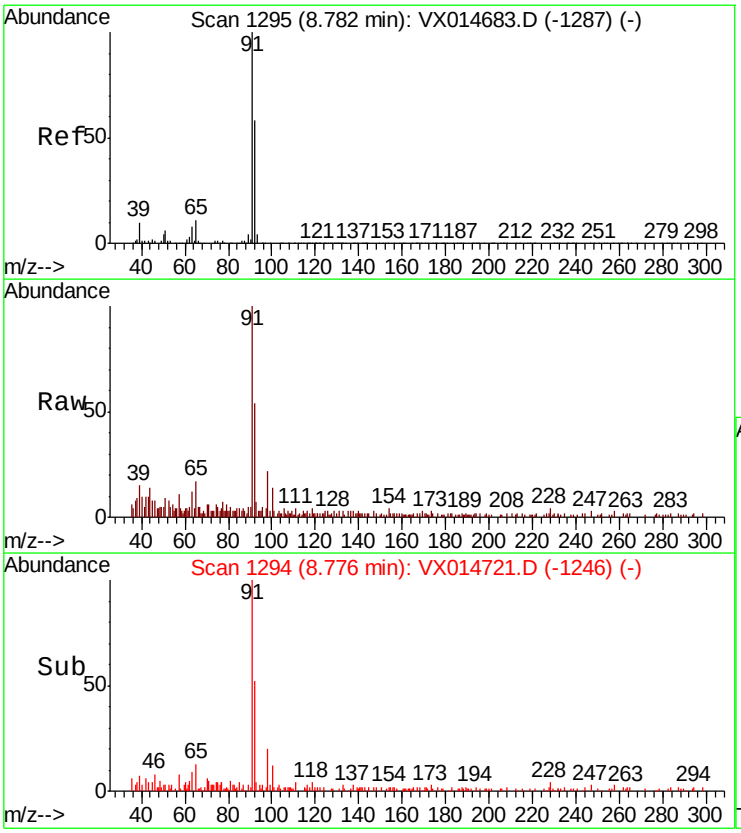
#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1592

Ion	Ratio	Lower	Upper
43	100		
58	22.2	31.6	47.4#

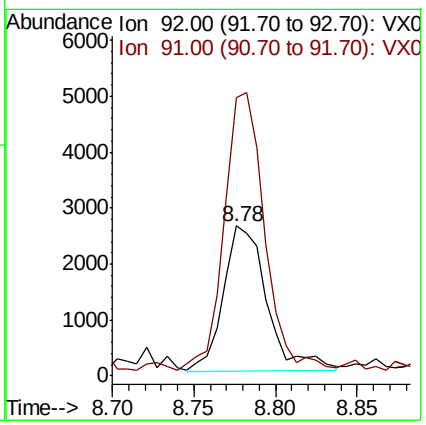


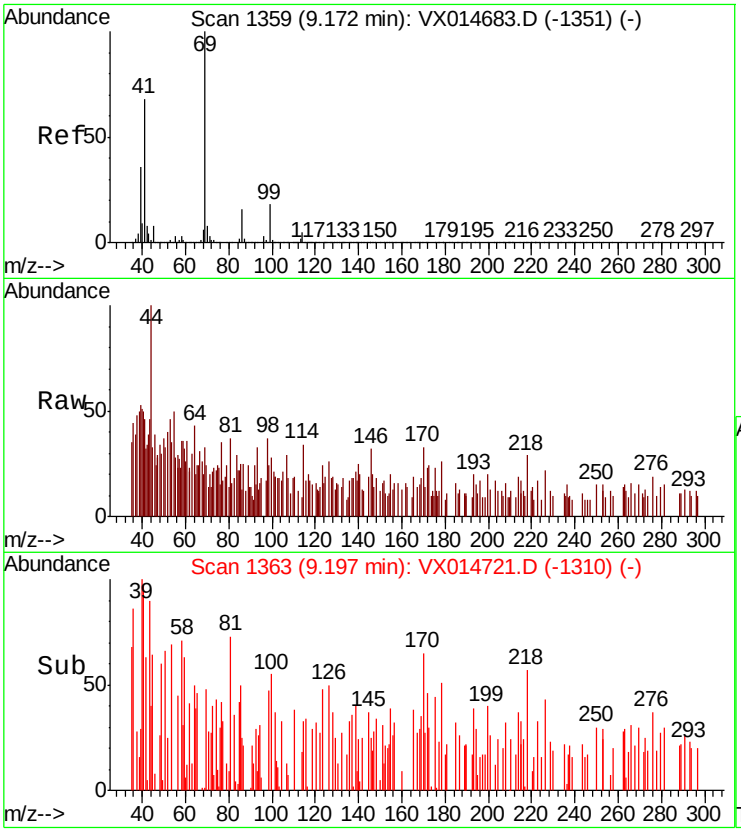


#52
Toluene
Concen: 0.386 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 92 Resp: 4866

Ion	Ratio	Lower	Upper
92	100		
91	176.0	135.9	203.9



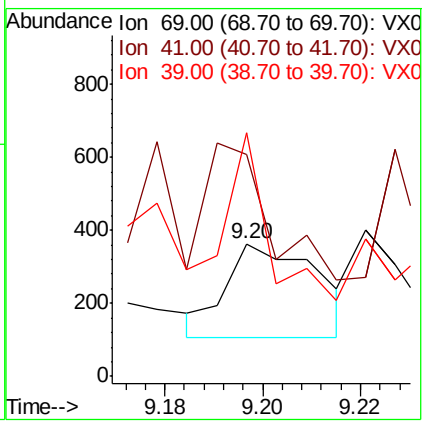


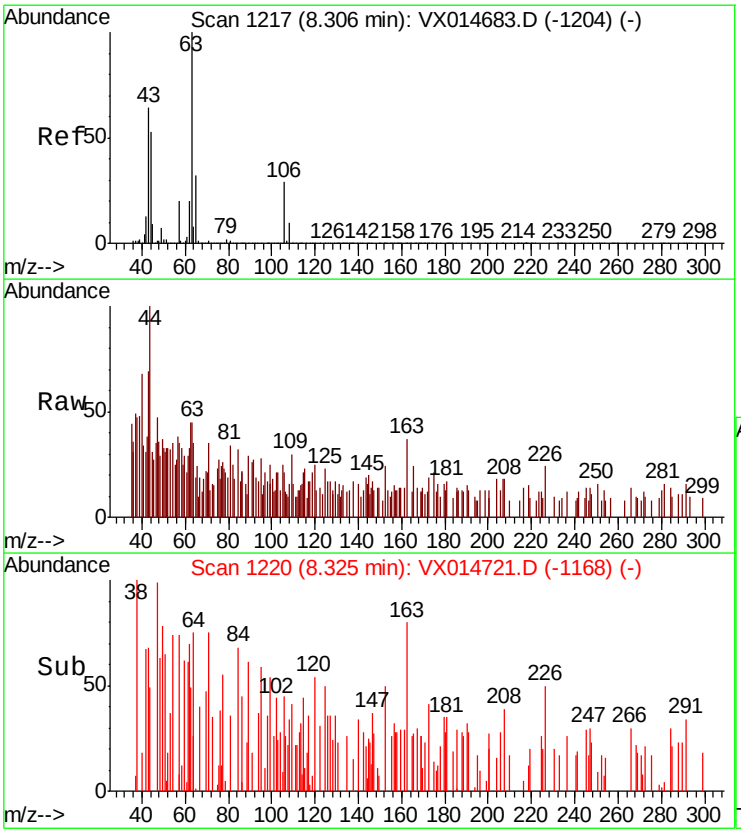
#56
Ethyl methacrylate
Concen: 1.821 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.02 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 334

Ion	Ratio	Lower	Upper
69	100		
41	0.0	54.9	82.3#
39	100.6	29.3	43.9#

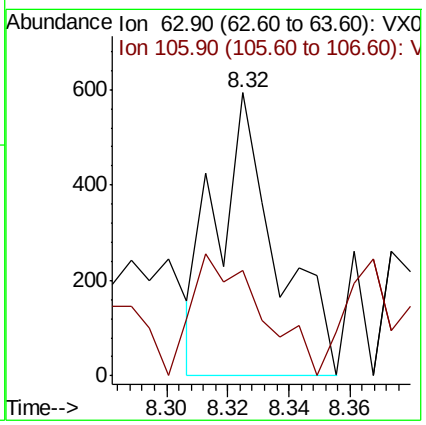


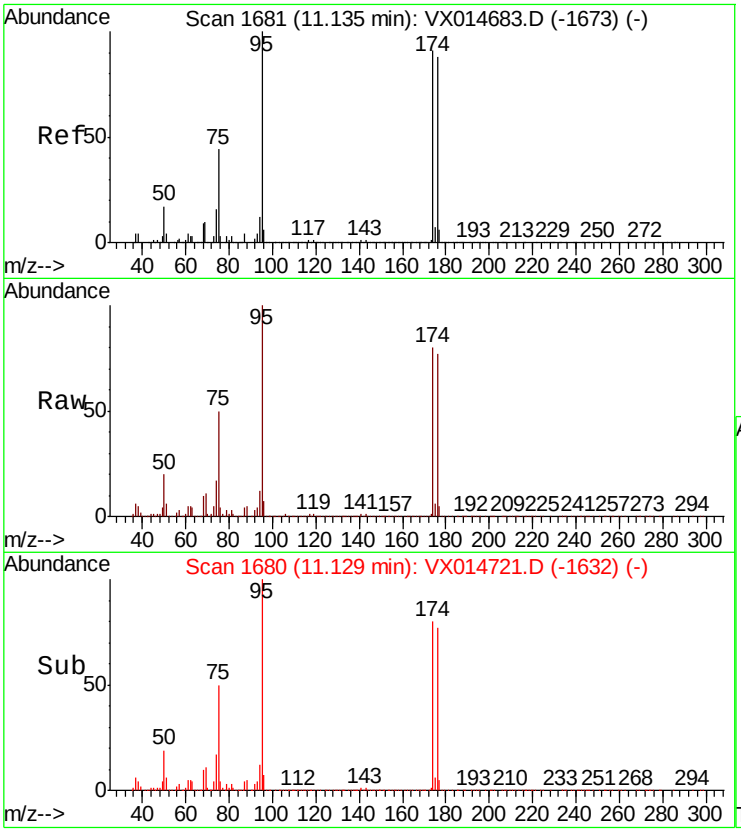


#58
2-Chloroethyl Vinyl ether
Concen: 0.311 ug/l
RT: 8.32 min Scan# 1220
Delta R.T. 0.02 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion: 63 Resp: 808

Ion	Ratio	Lower	Upper
63	100		
106	49.6	22.7	34.1#



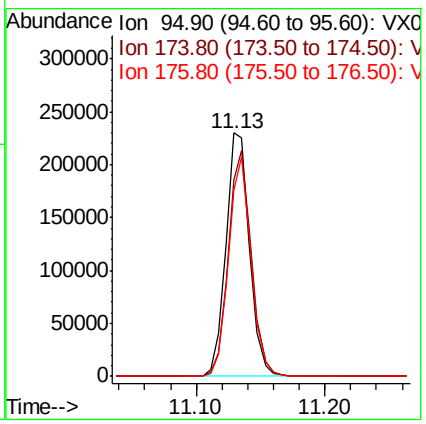


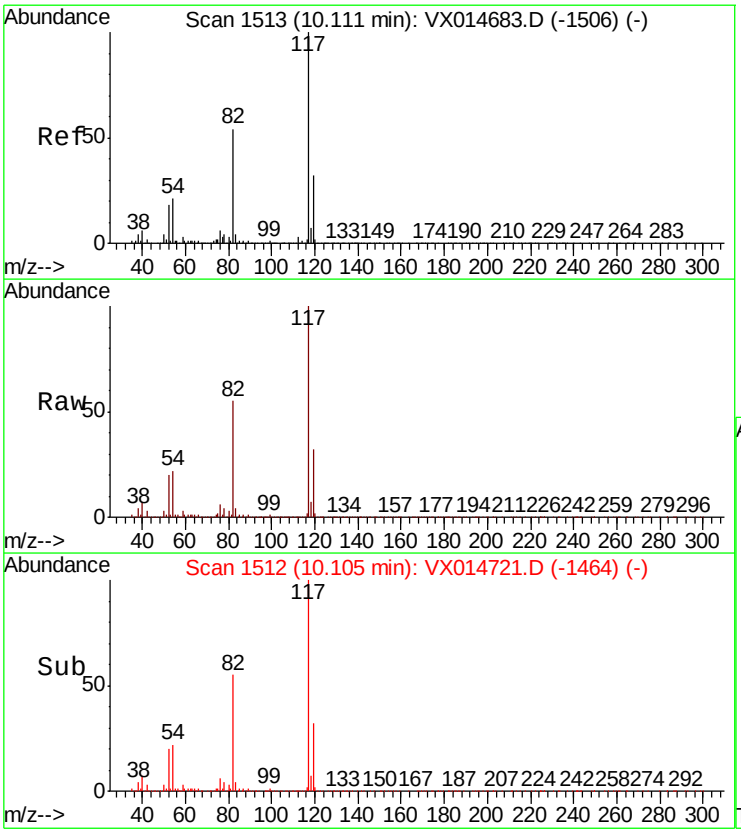
#62
4-Bromofluorobenzene
Concen: 48.140 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 297152

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	176.0
176	86.1	0.0	172.2

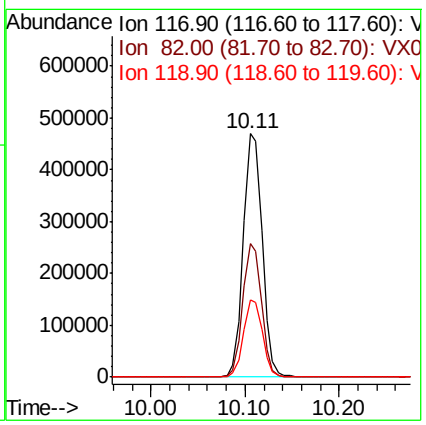


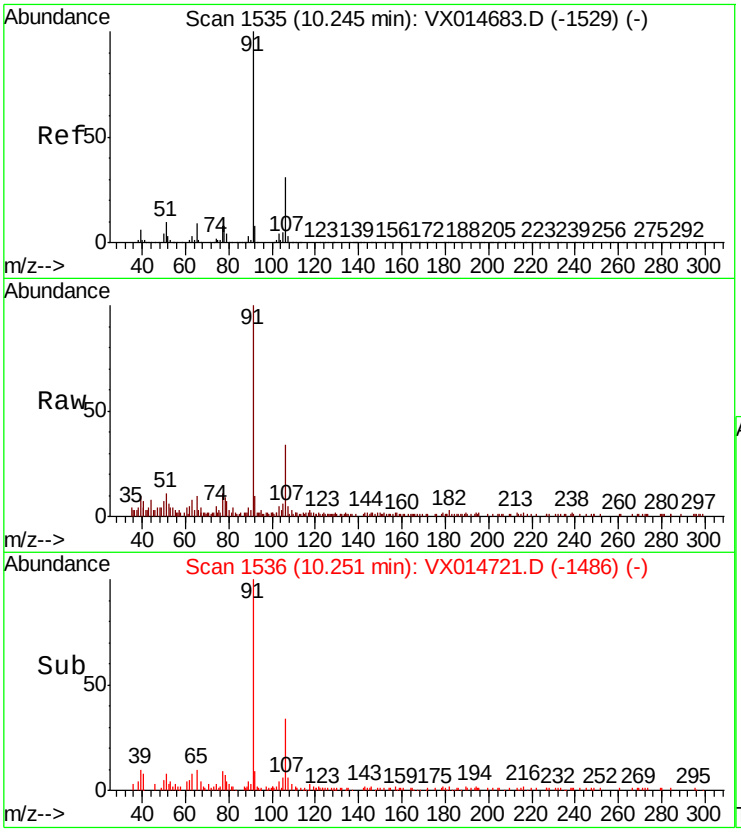


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:117 Resp: 659843

Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.2	64.8
119	31.7	25.8	38.6



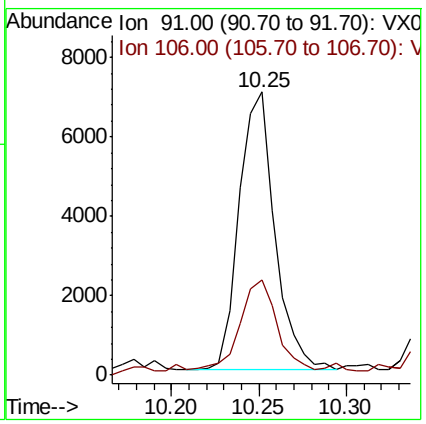


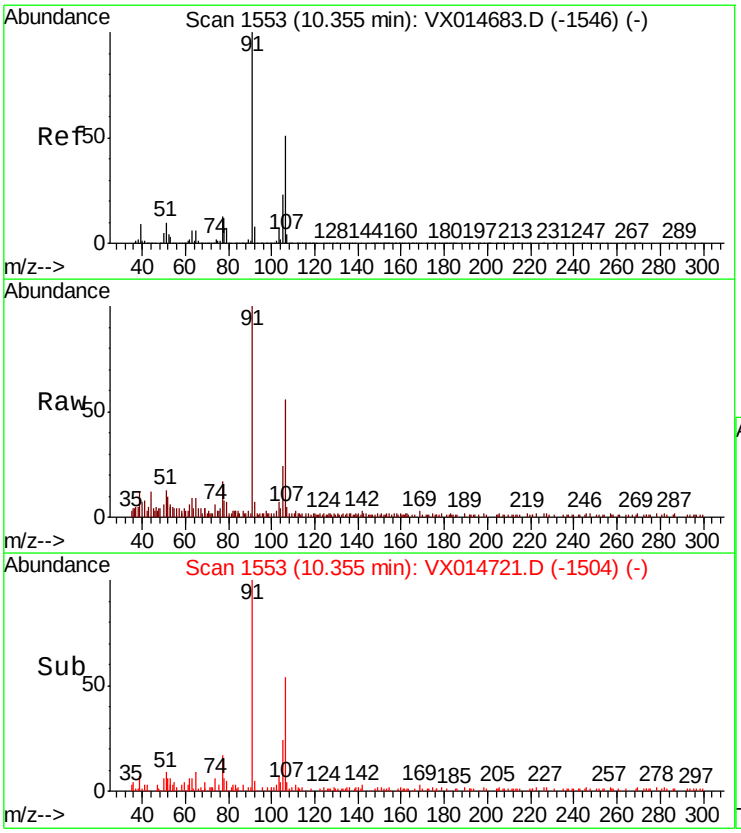
#67
Ethyl Benzene
Concen: 0.410 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 9885

Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.9	37.3

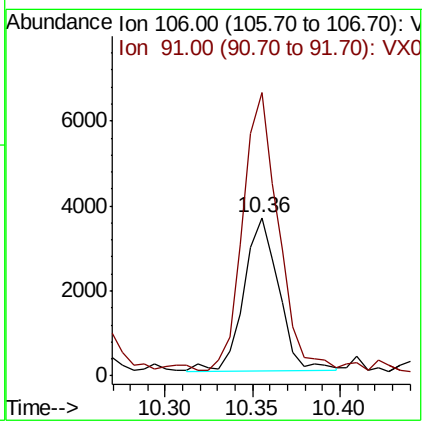


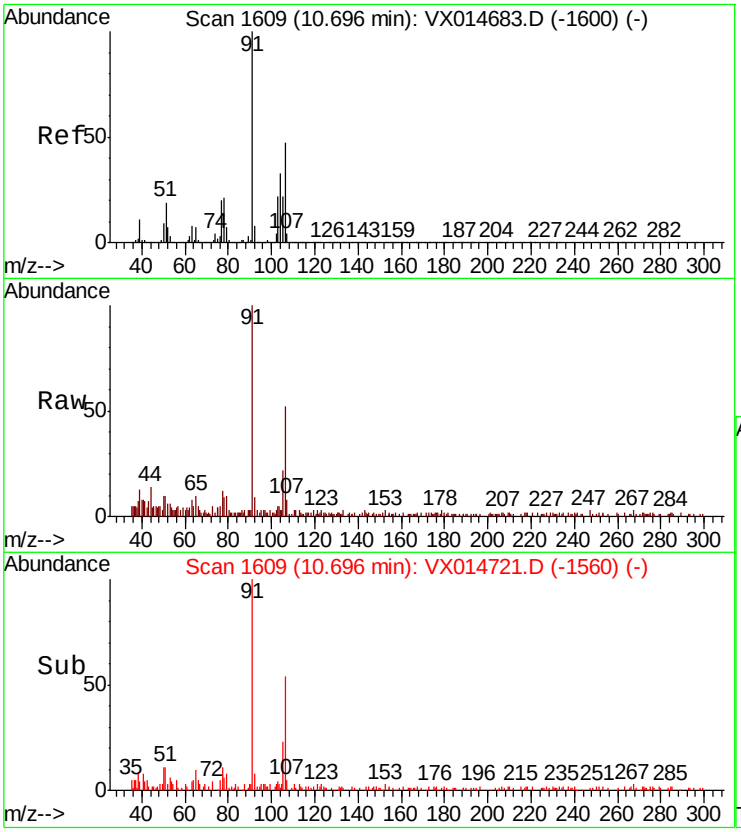


#68
m/p-Xylenes
Concen: 0.559 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:106 Resp: 5107

Ion	Ratio	Lower	Upper
106	100		
91	182.2	159.4	239.2



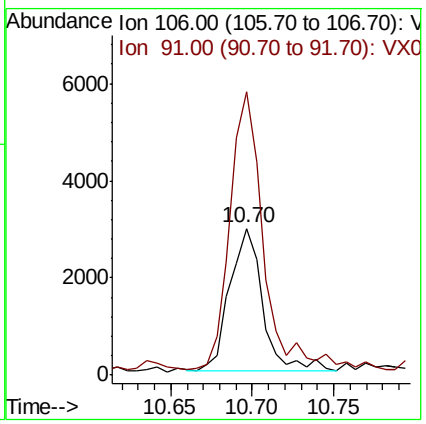


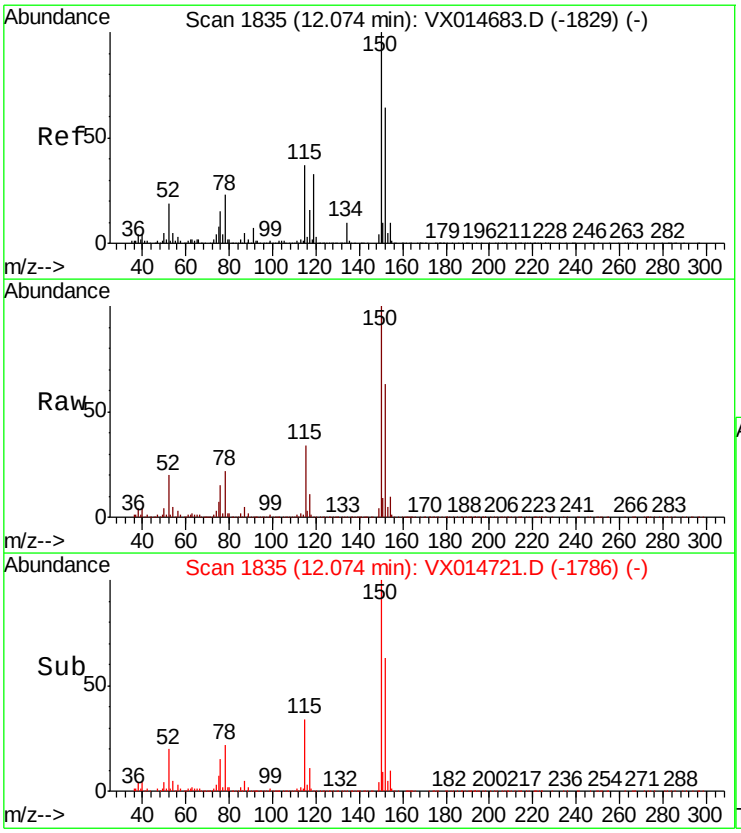
#69
o-Xylene
Concen: 0.473 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4169

Ion	Ratio	Lower	Upper
106	100		
91	199.7	106.2	318.6

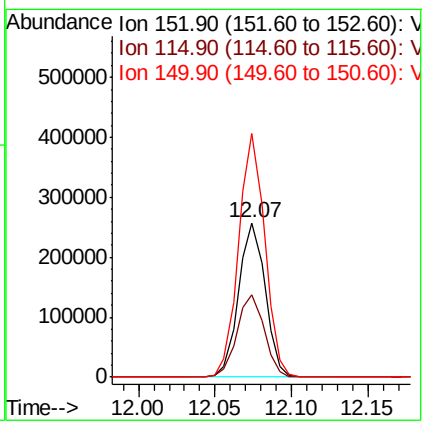


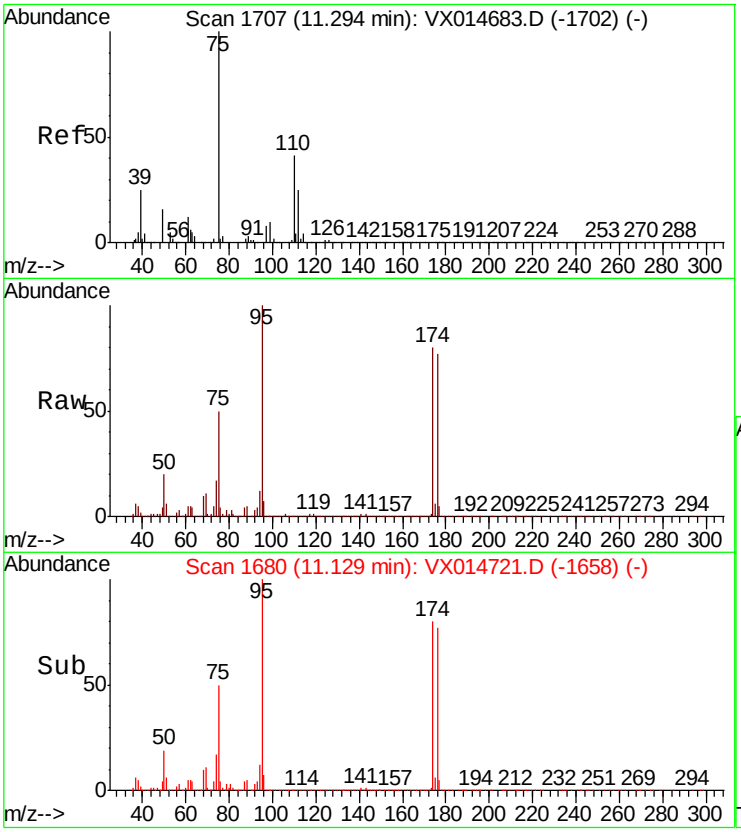


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:152 Resp: 310762

Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.4	118.1
150	155.5	0.0	351.2



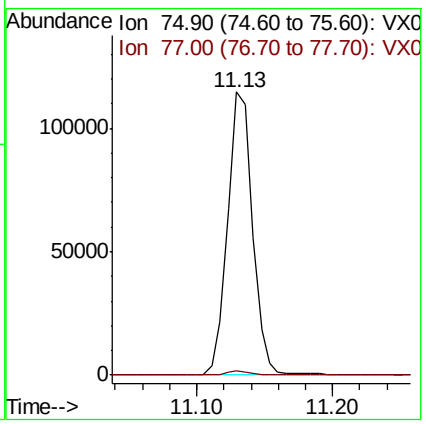


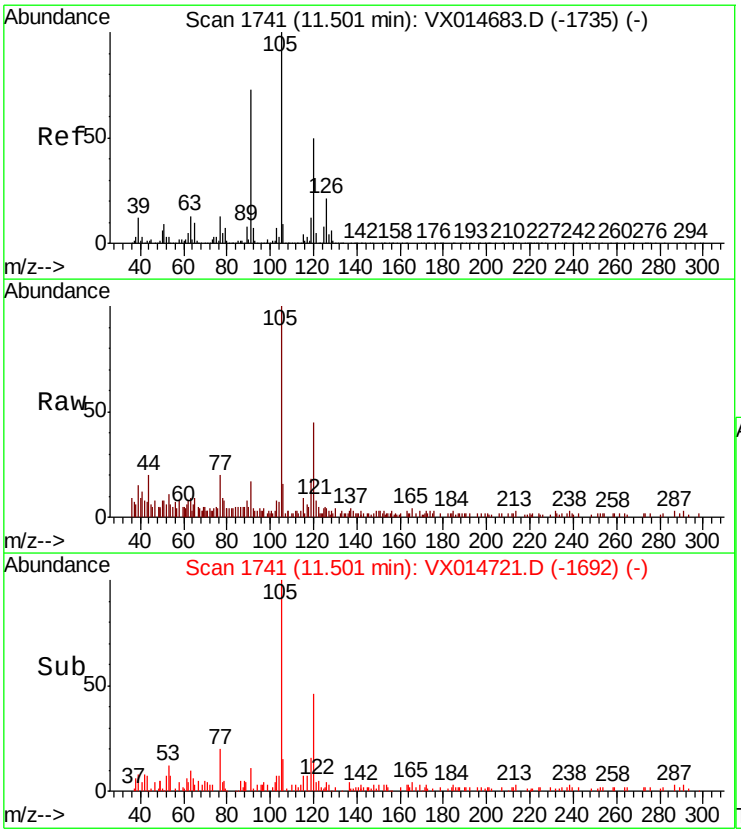
#76
1,2,3-Trichloropropane
Concen: 20.190 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 145972

Ion	Ratio	Lower	Upper
75	100		
77	1.9	18.7	56.1#

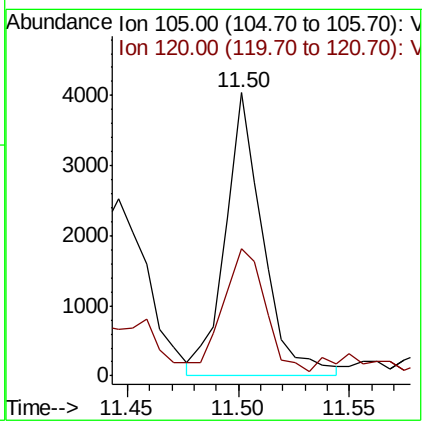


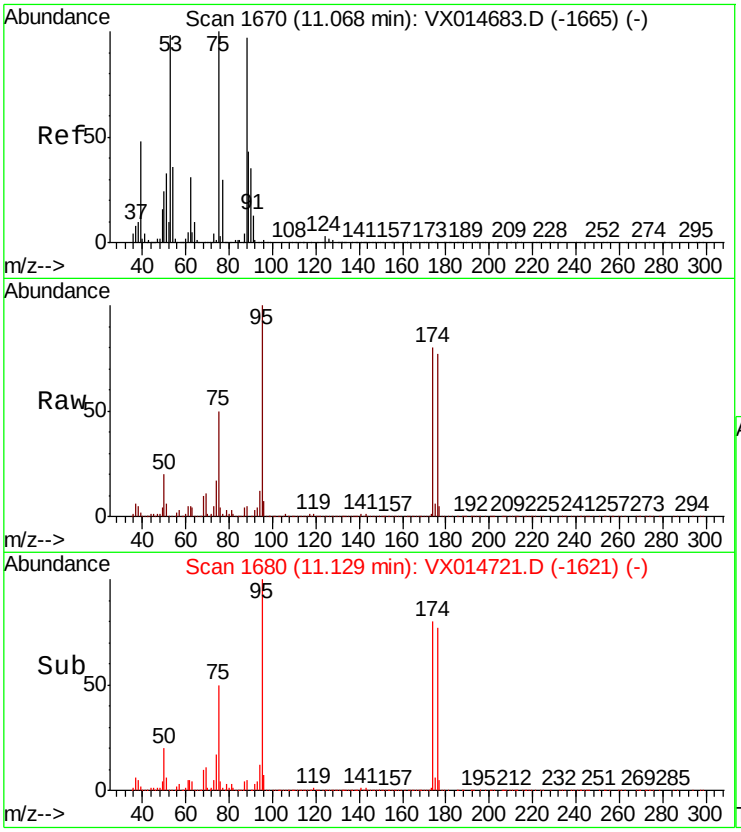


#80
1,3,5-Trimethylbenzene
Concen: 0.263 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:105 Resp: 4766

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.9	74.6



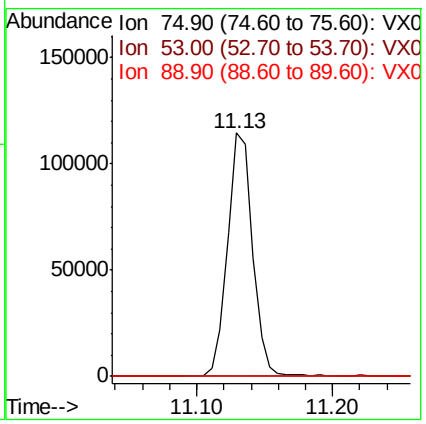


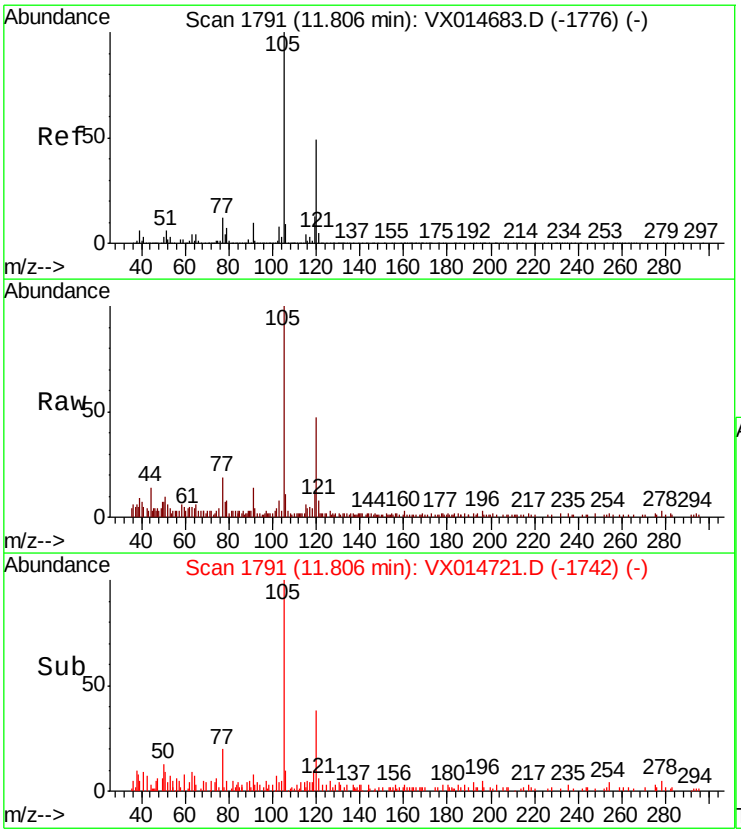
#81
trans-1,4-Dichloro-2-butene
Concen: 57.455 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 145972

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.8	118.2#
89	0.0	35.4	53.0#

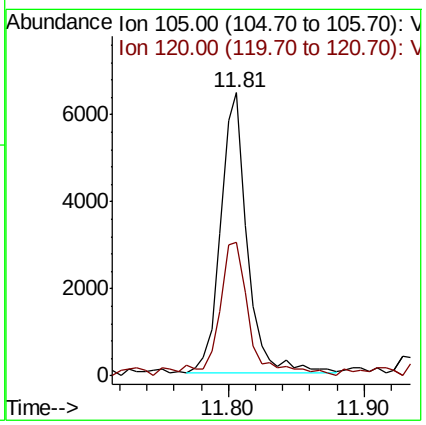


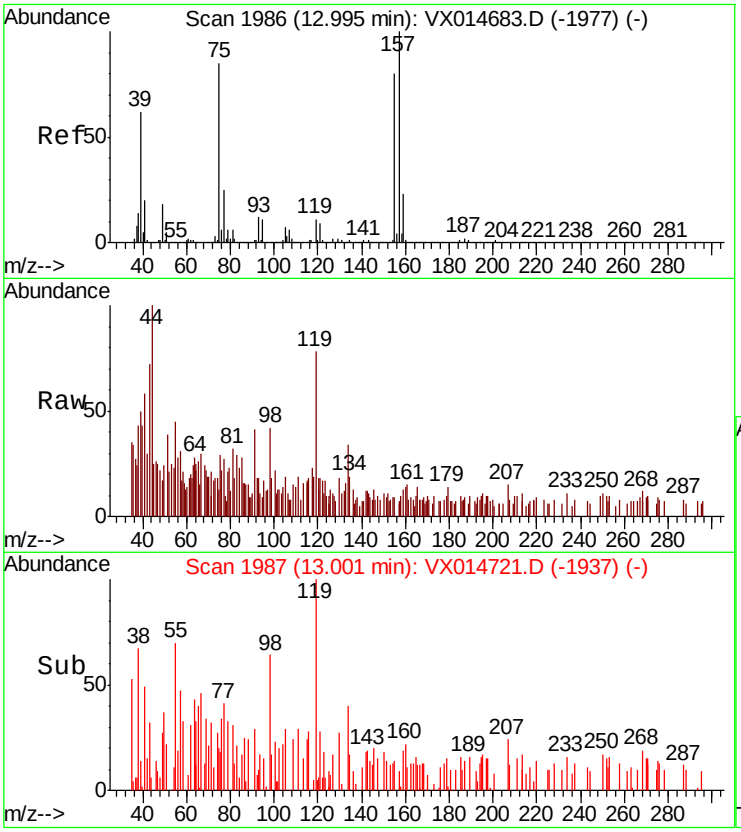


#84
1,2,4-Trimethylbenzene
Concen: 0.474 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:105 Resp: 8623

Ion	Ratio	Lower	Upper
105	100		
120	56.2	23.4	70.0



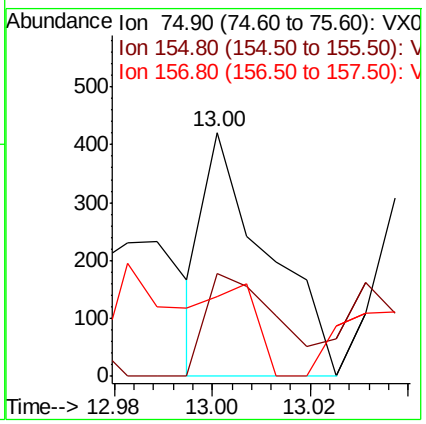


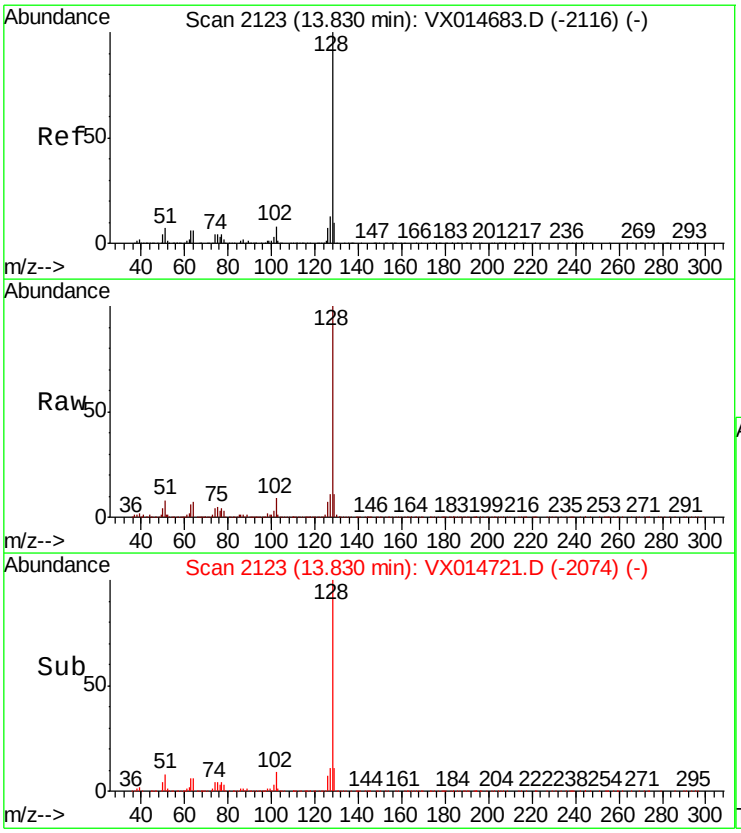
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.224 ug/l
RT: 13.00 min Scan# 1987
Delta R.T. 0.01 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 375

Ion	Ratio	Lower	Upper
75	100		
155	47.5	45.6	136.9
157	71.2	60.3	180.9





#95
Naphthalene
Concen: 4.662 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014721.D
Acq: 27 Jan 2020 13:11

Tgt Ion:128 Resp: 82803

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.7	8.6	12.8