Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017782.D
Acq On : 04 Aug 2020 20:00
Operator : JC/SP
Sample : L3548-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CRT-017

Quant Time: Aug 05 01:52:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	572559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	847969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	854421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	399674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	378294	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.88%			
35) Dibromofluoromethane	5.47	113	298403	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.24%			
50) Toluene-d8	8.70	98	1058281	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.46%			
62) 4-Bromofluorobenzene	11.12	95	415675	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	432	Below Cal	#	1
3) Chloromethane	1.29	50	532	0.441	ug/l #	69
5) Bromomethane	1.62	94	569	Below Cal		90
6) Chloroethane	1.71	64	373	Below Cal		90
8) Diethyl Ether	2.18	74	1433	Below Cal		68
11) Tert butyl alcohol	3.00	59	1946	1.255	ug/l #	72
13) Acrolein	2.27	56	368	4.454	ug/l #	14
15) Acrylonitrile	3.12	53	1071	0.320	ug/l #	36
16) Acetone	2.42	43	51967	16.054	ug/l	93
18) Methyl Acetate	2.75	43	9898	1.298	ug/l	98
20) Methylene Chloride	2.84	84	24469	2.801	ug/l	98
25) 2-Butanone	4.65	43	11517	2.504	ug/l	93
29) Tetrahydrofuran	5.11	42	1833	0.643	ug/l #	61
31) Cyclohexane	5.63	56	13509	1.489	ug/l #	18
36) 1,1-Dichloropropene	5.63	75	40879	5.026	ug/l #	52
38) Carbon Tetrachloride	5.63	117	60674	6.143	ug/l #	19
41) Methacrylonitrile	5.02	41	1083	0.212	ug/l #	61
43) Isopropyl Acetate	6.42	43	136369	9.288	ug/l	100
48) Methyl methacrylate	7.85	41	220157	30.251	ug/l #	46
49) 1,4-Dioxane	7.72	88	289	2.071	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	136343	15.564	ug/l #	47
54) cis-1,3-Dichloropropene	8.60	75	53569	5.104	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	9104	0.888	ug/l #	45
59) 2-Hexanone	9.52	43	125672	19.054	ug/l #	51
76) 1,2,3-Trichloropropane	11.12	75	216091	26.284	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	216091	66.229	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70	2.604	ug/l #	7

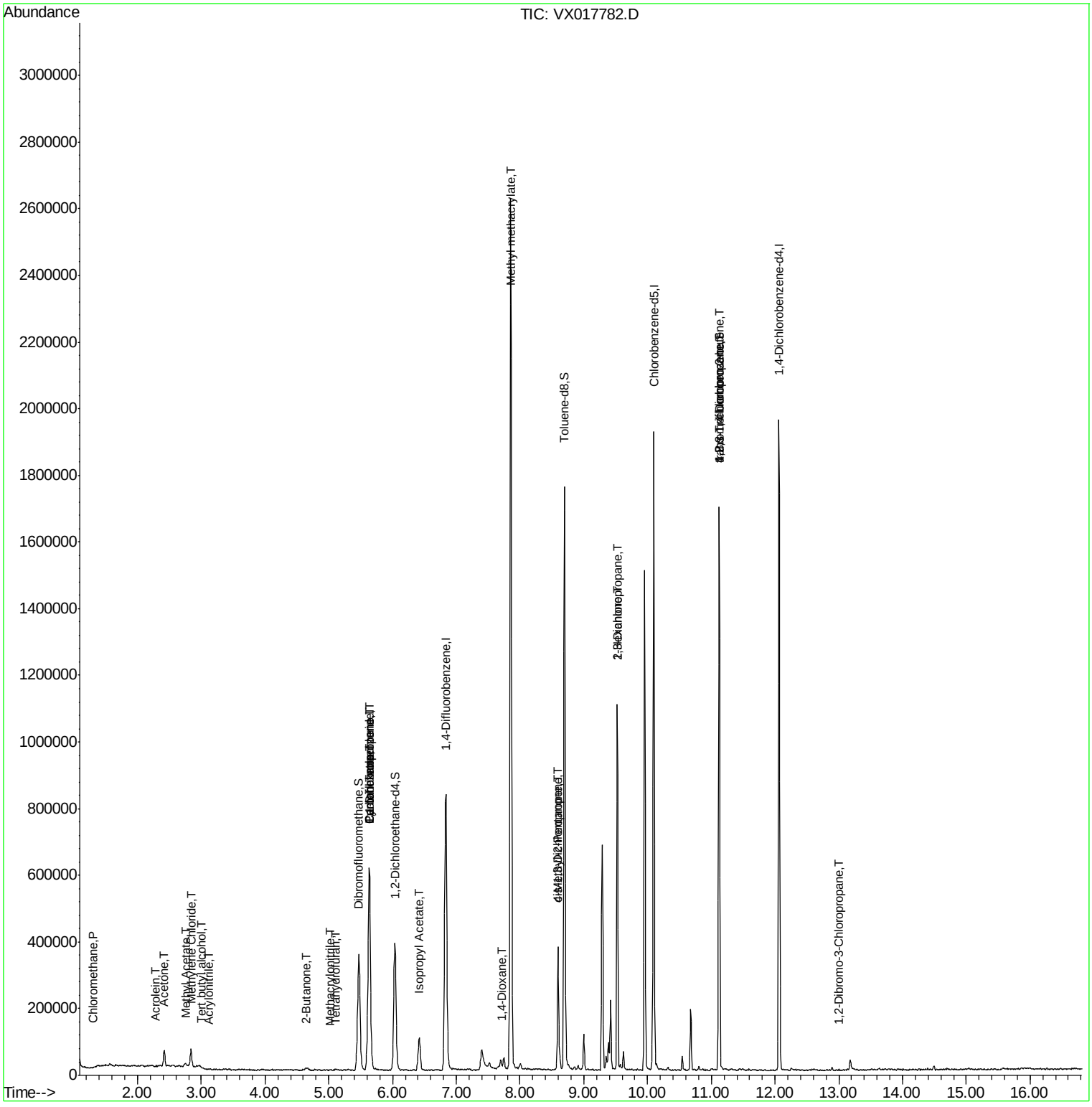
(#) = qualifier out of range (m) = manual integration (+) = signals summed

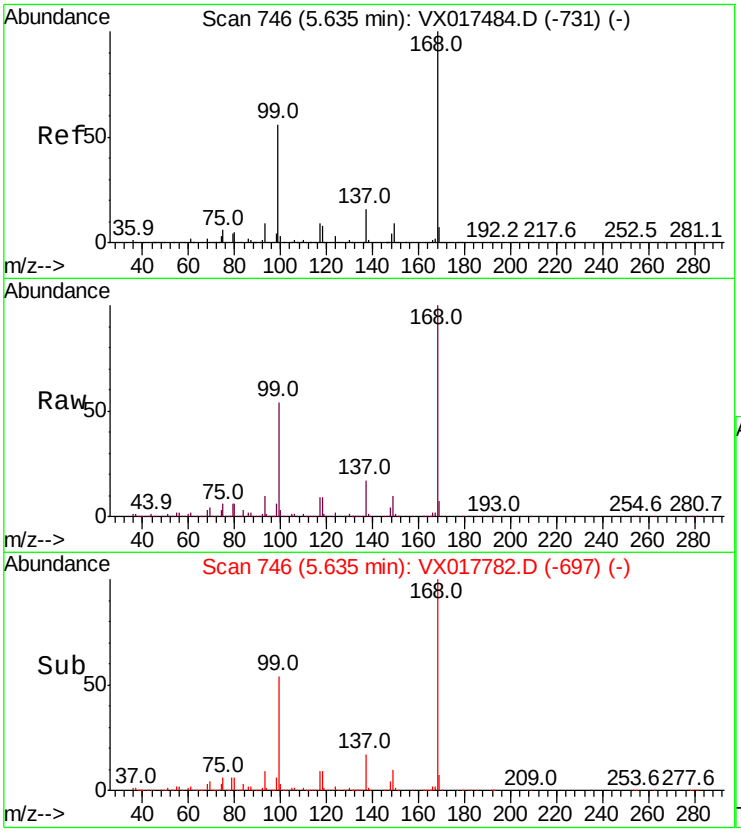
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017782.D
Acq On : 04 Aug 2020 20:00
Operator : JC/SP
Sample : L3548-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Quant Time: Aug 05 01:52:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



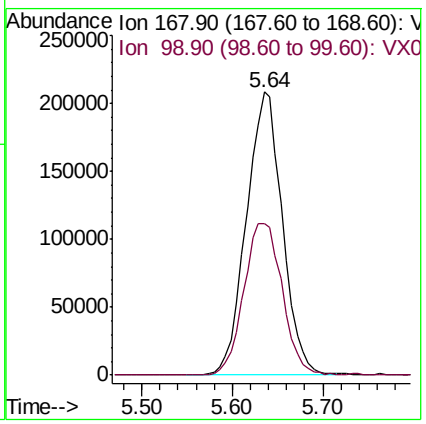


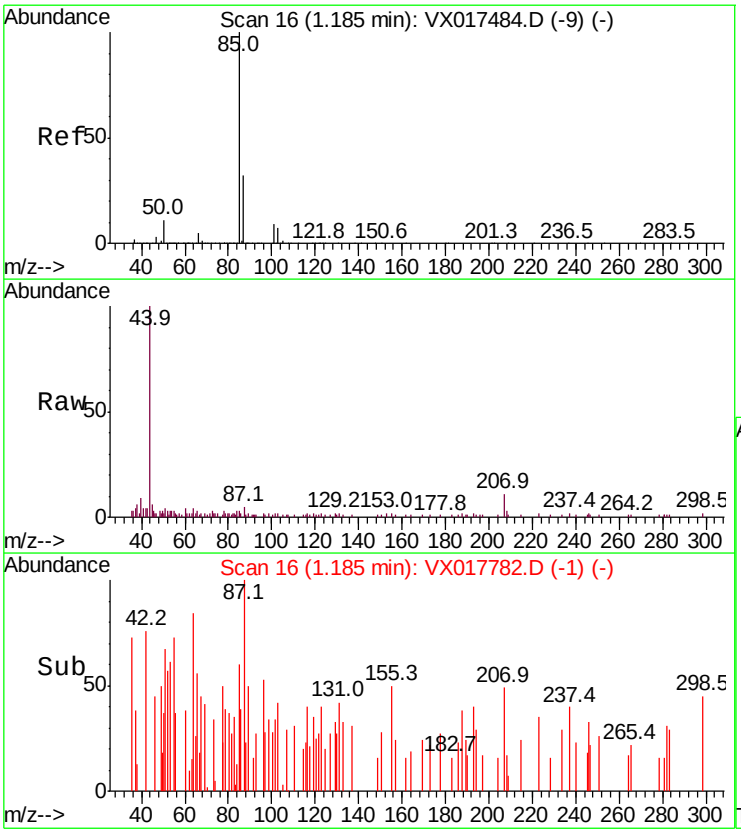
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion:168 Resp: 572559

Ion	Ratio	Lower	Upper
168	100		
99	53.7	43.4	65.2

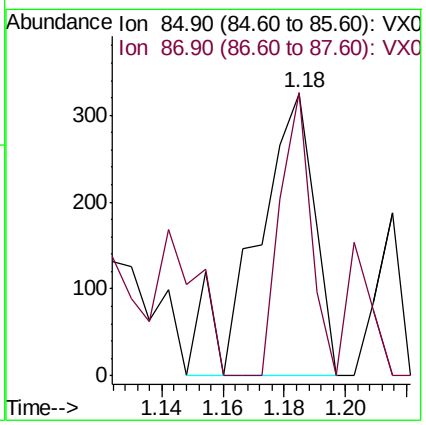


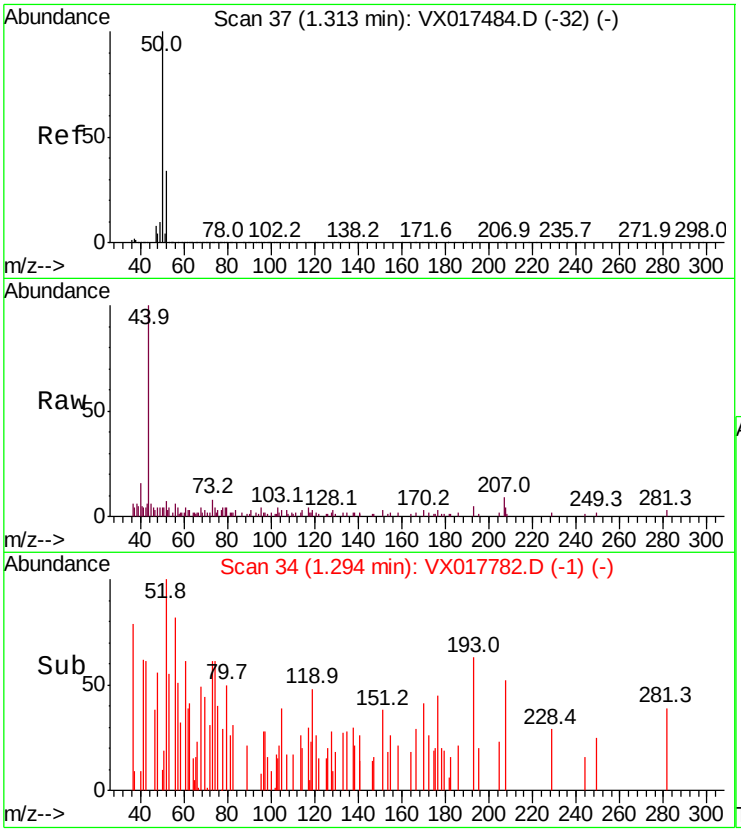


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 85 Resp: 432

Ion	Ratio	Lower	Upper
85	100		
87	100.3	16.1	48.3#



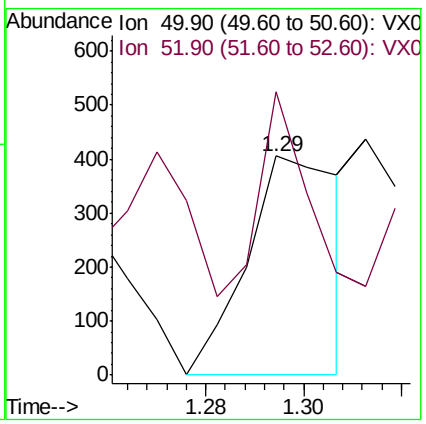


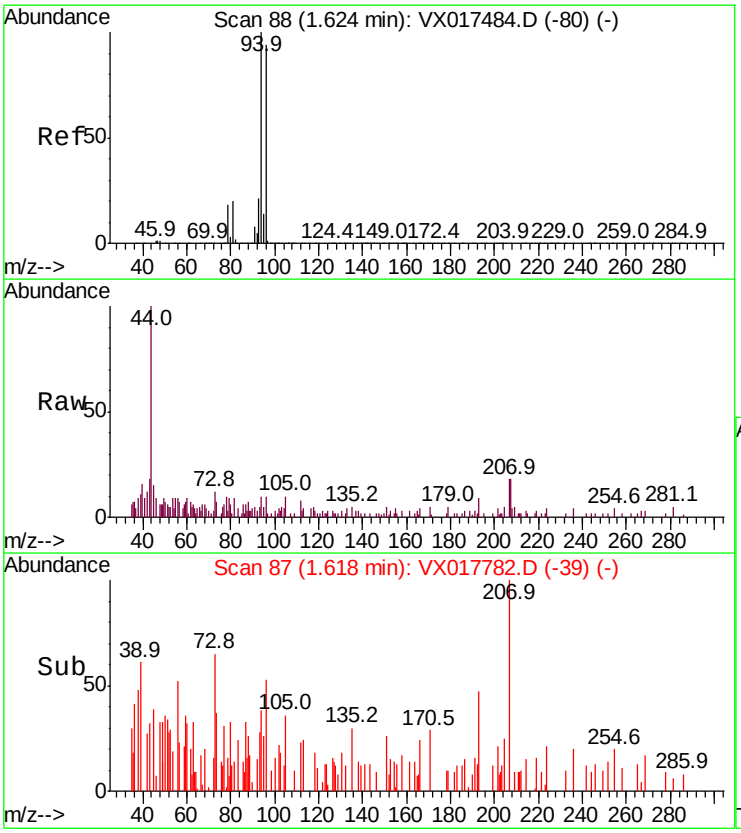
#3
Chloromethane
Concen: 0.441 ug/l
RT: 1.29 min Scan# 34
Delta R.T. -0.02 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 50 Resp: 532

Ion	Ratio	Lower	Upper
50	100		
52	49.8	25.9	38.9#

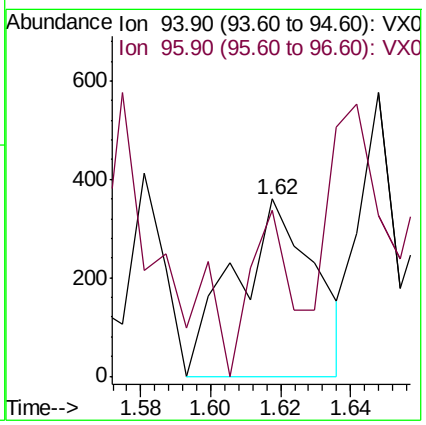


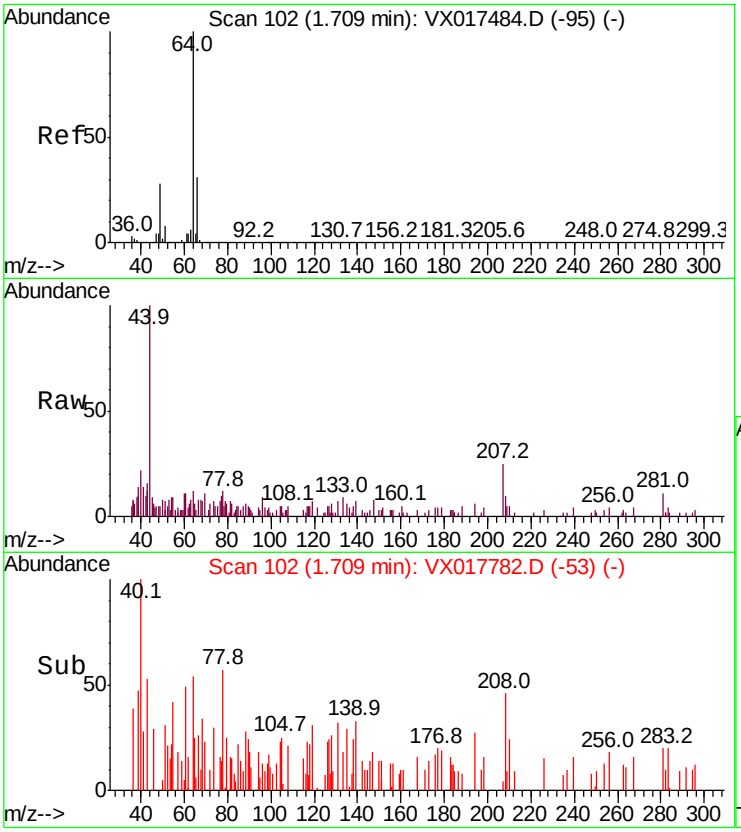


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 87
Delta R.T. -0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 94 Resp: 569

Ion	Ratio	Lower	Upper
94	100		
96	101.7	74.1	111.1



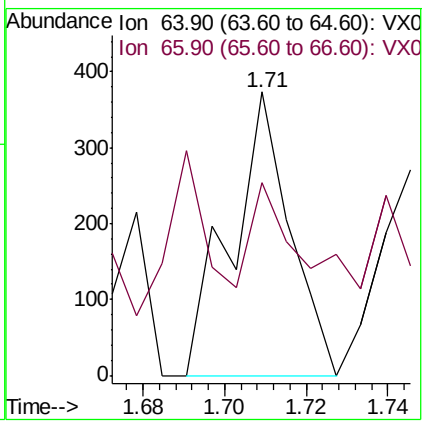


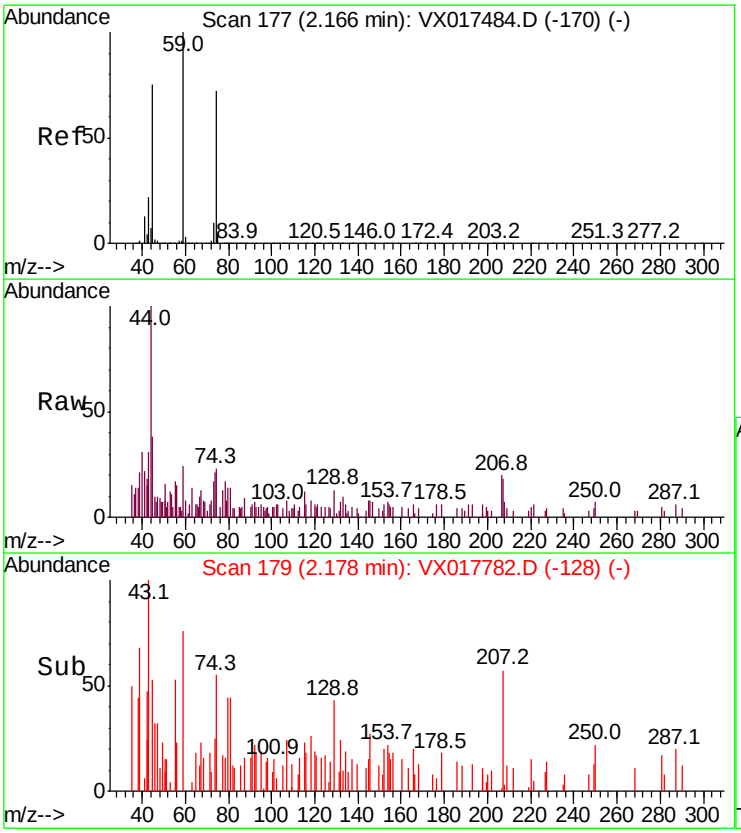
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 102
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 64 Resp: 373

Ion	Ratio	Lower	Upper
64	100		
66	25.5	24.9	37.3

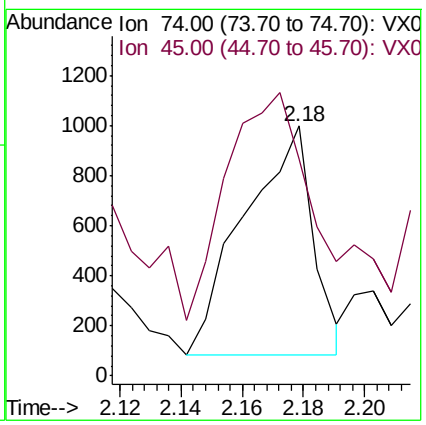


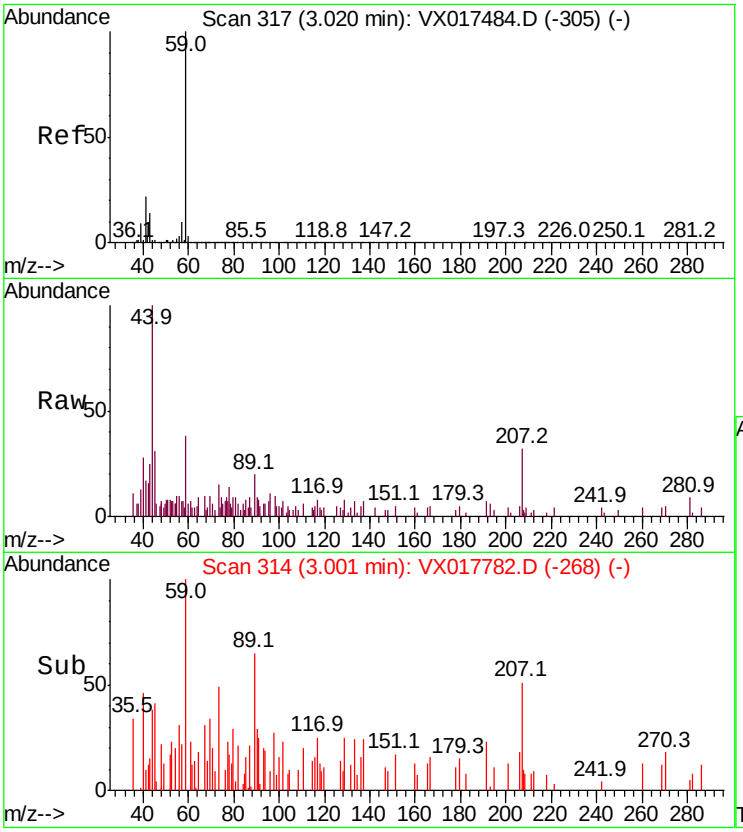


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 179
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 74 Resp: 1433

Ion	Ratio	Lower	Upper
74	100		
45	134.2	50.8	152.5



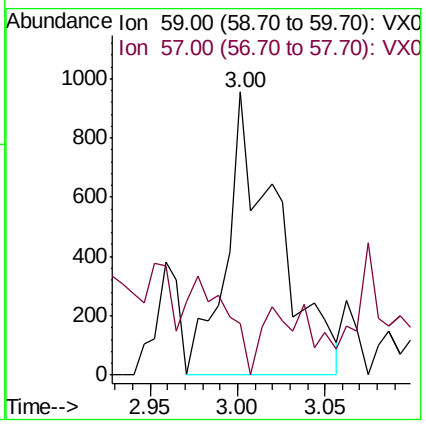


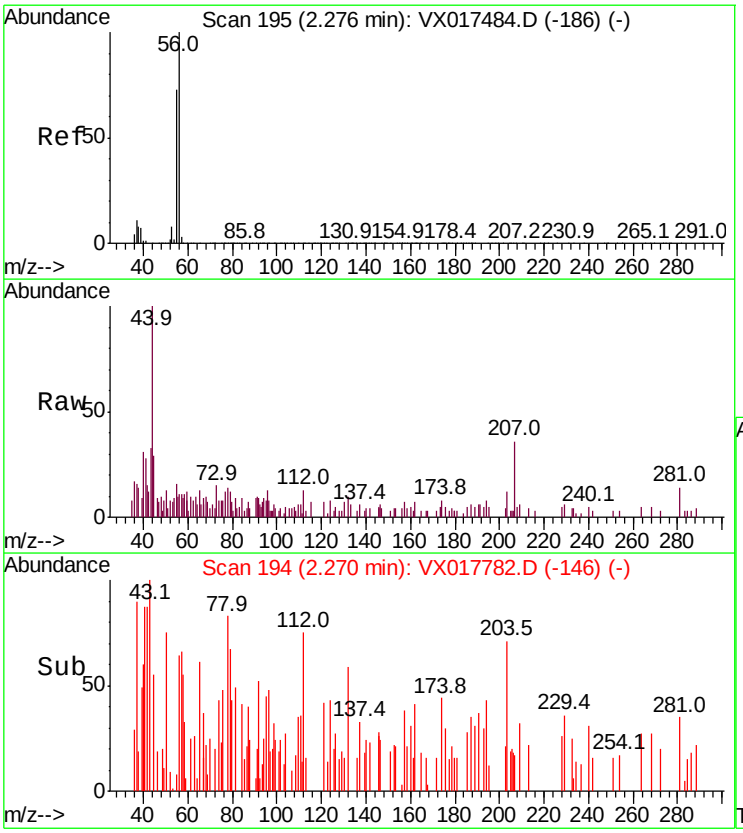
#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 59 Resp: 1946

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

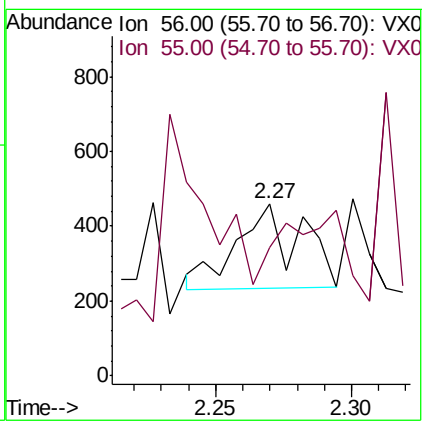


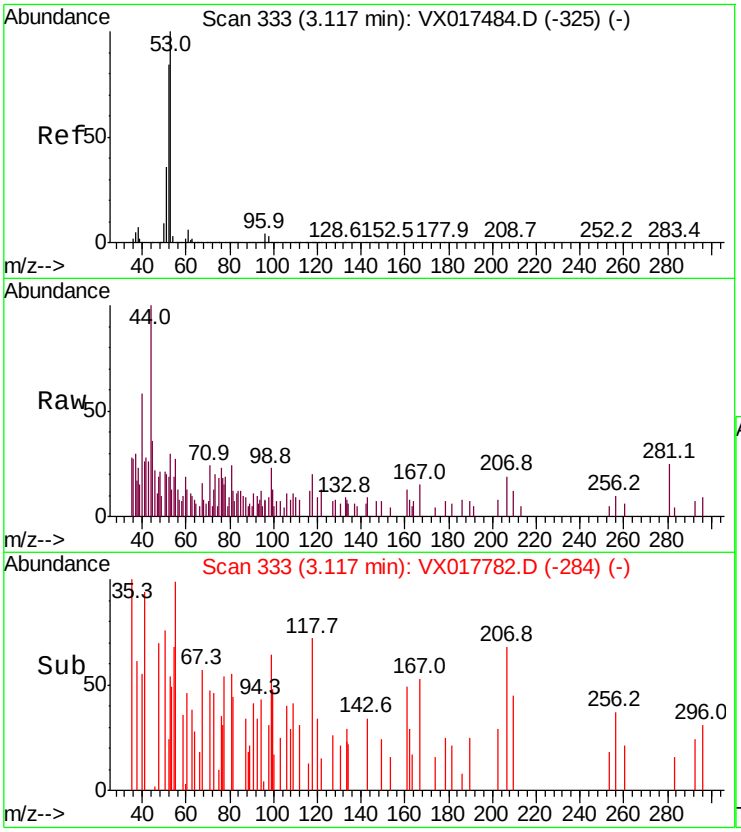


#13
Acrolein
Concen: 4.454 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 56 Resp: 368

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.2#



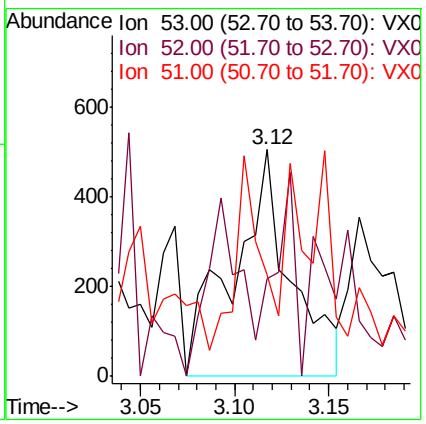


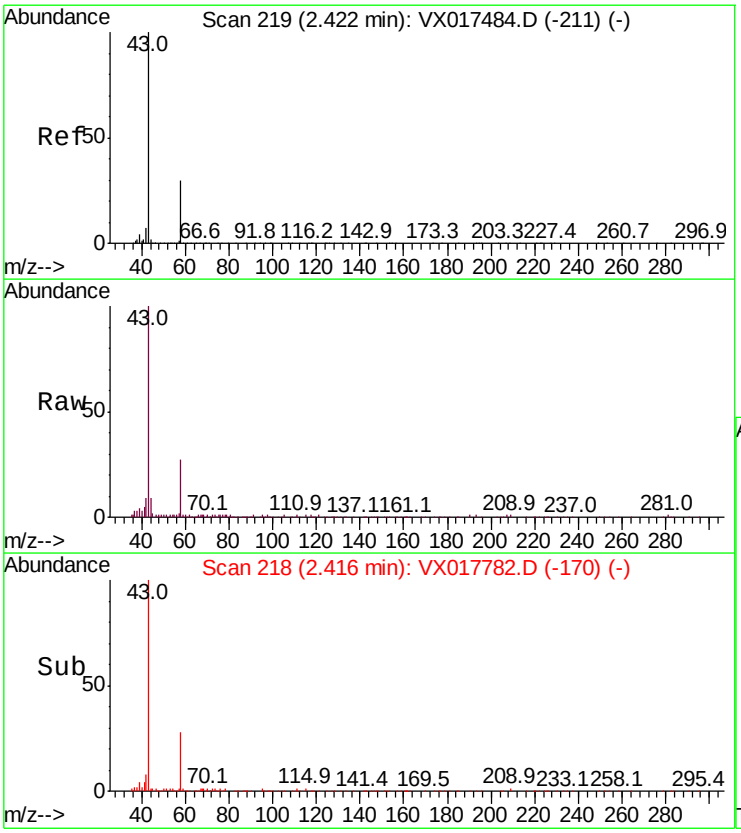
#15
Acrylonitrile
Concen: 0.320 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 53 Resp: 1071

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.6	99.8#
51	37.2	29.4	44.2

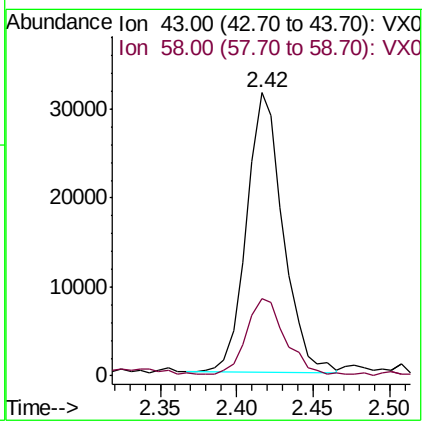


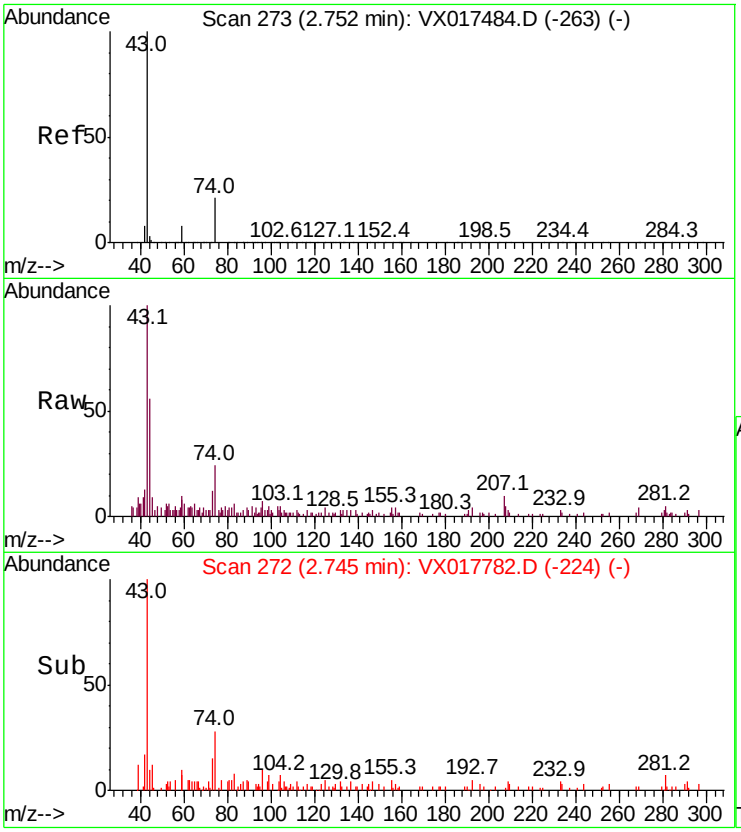


#16
Acetone
Concen: 16.054 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 43 Resp: 51967

Ion	Ratio	Lower	Upper
43	100		
58	26.7	24.2	36.4



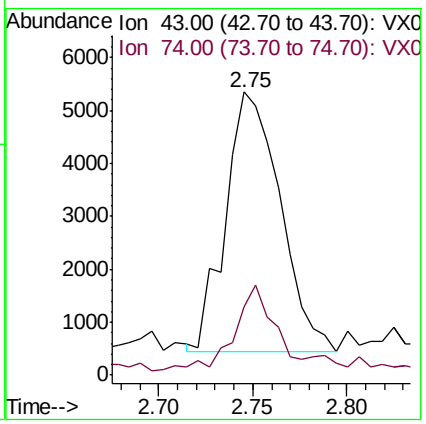


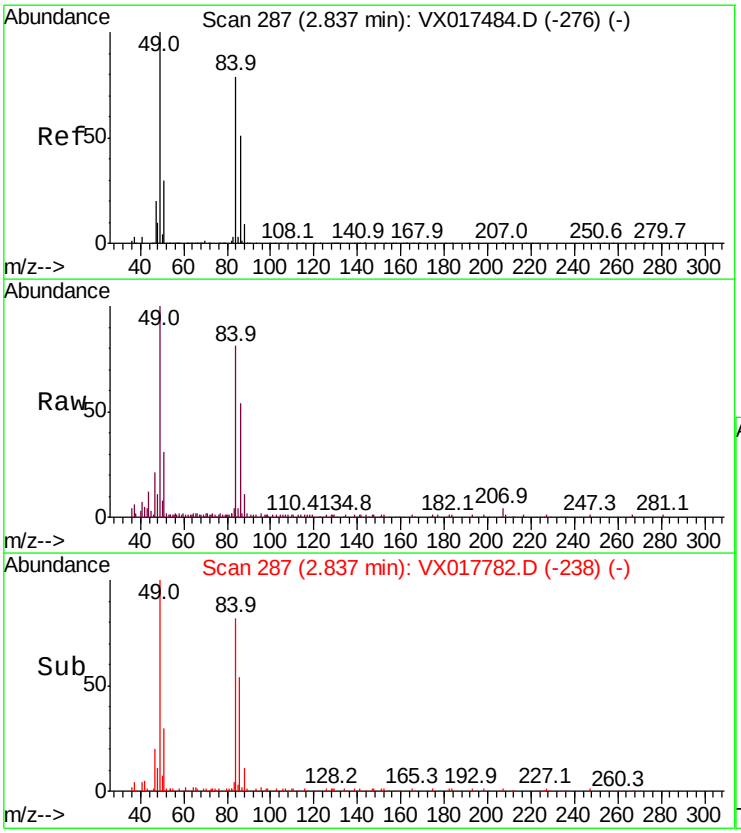
#18
Methyl Acetate
Concen: 1.298 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 43 Resp: 9898

Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.5	26.3

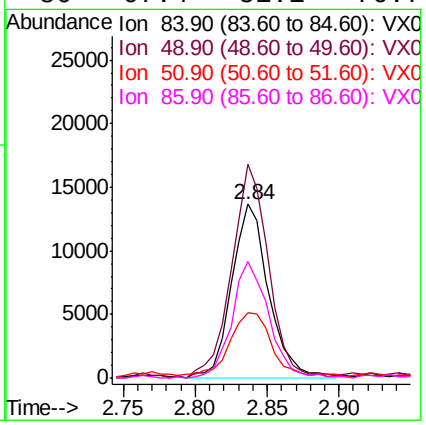


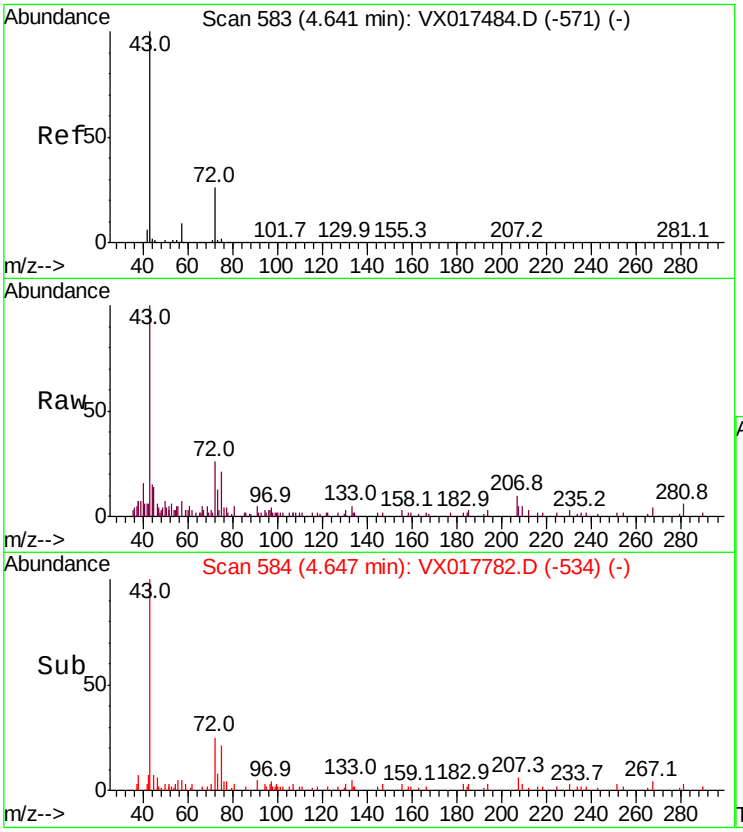


#20
Methylene Chloride
Concen: 2.801 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 84 Resp: 24469

Ion	Ratio	Lower	Upper
84	100		
49	124.0	100.3	150.5
51	36.1	30.5	45.7
86	67.4	51.1	76.7



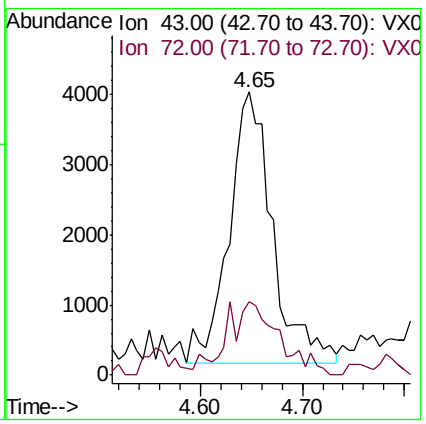


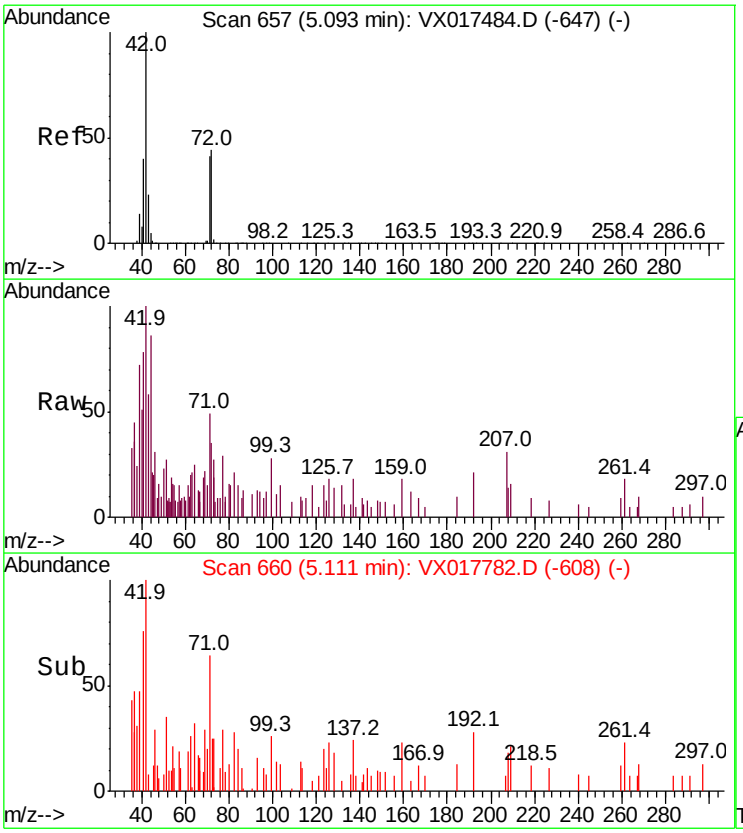
#25
2-Butanone
Concen: 2.504 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 43 Resp: 11517

Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.0	28.4

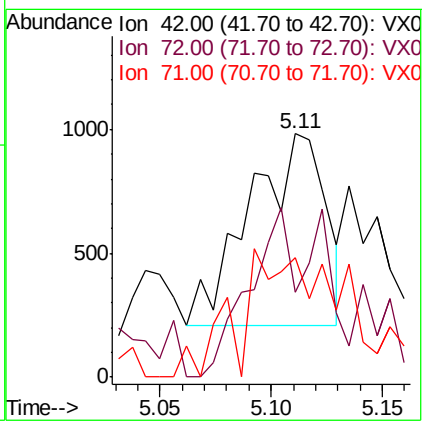


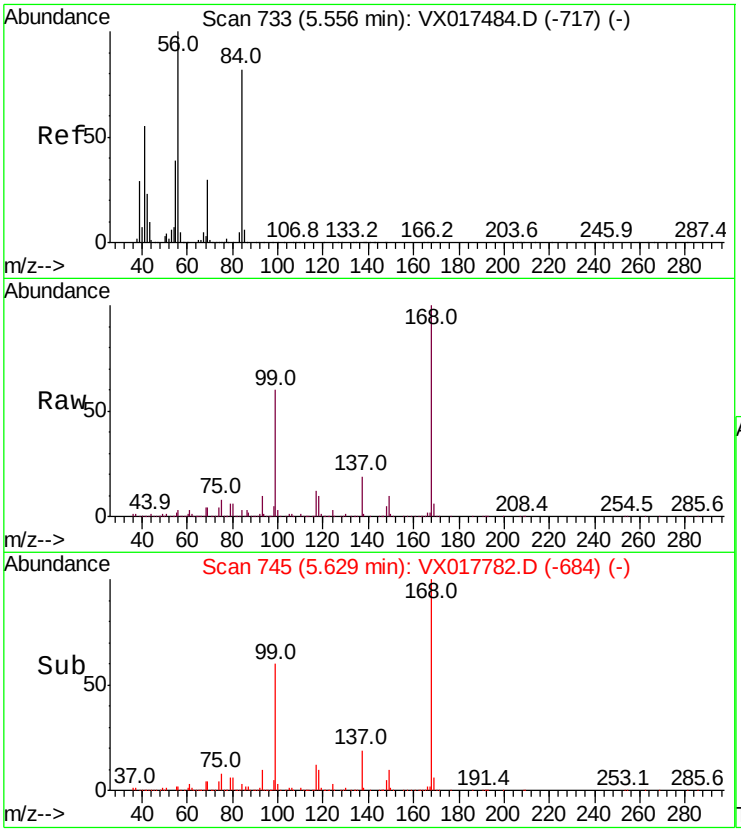


#29
Tetrahydrofuran
Concen: 0.643 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 42 Resp: 1833

Ion	Ratio	Lower	Upper
42	100		
72	51.3	35.5	53.3
71	84.3	33.0	49.4#



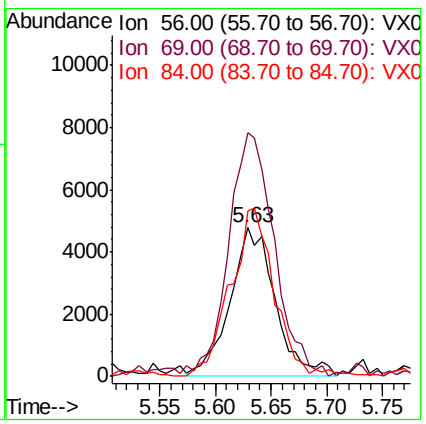


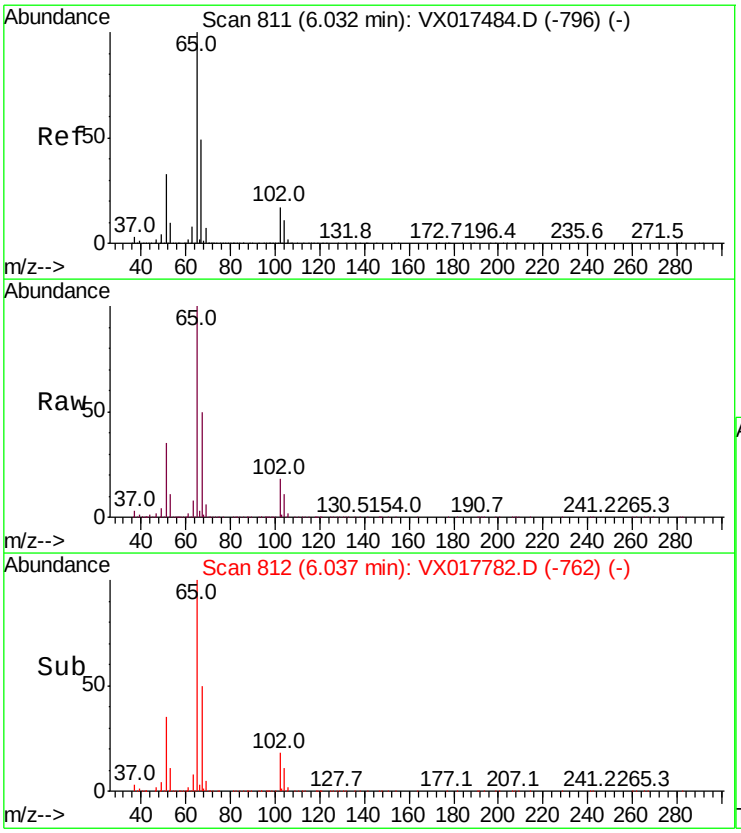
#31
Cyclohexane
Concen: 1.489 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 56 Resp: 13509

Ion	Ratio	Lower	Upper
56	100		
69	160.6	24.2	36.4#
84	111.0	69.0	103.6#

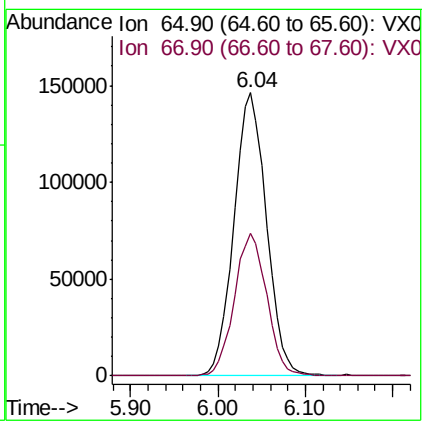


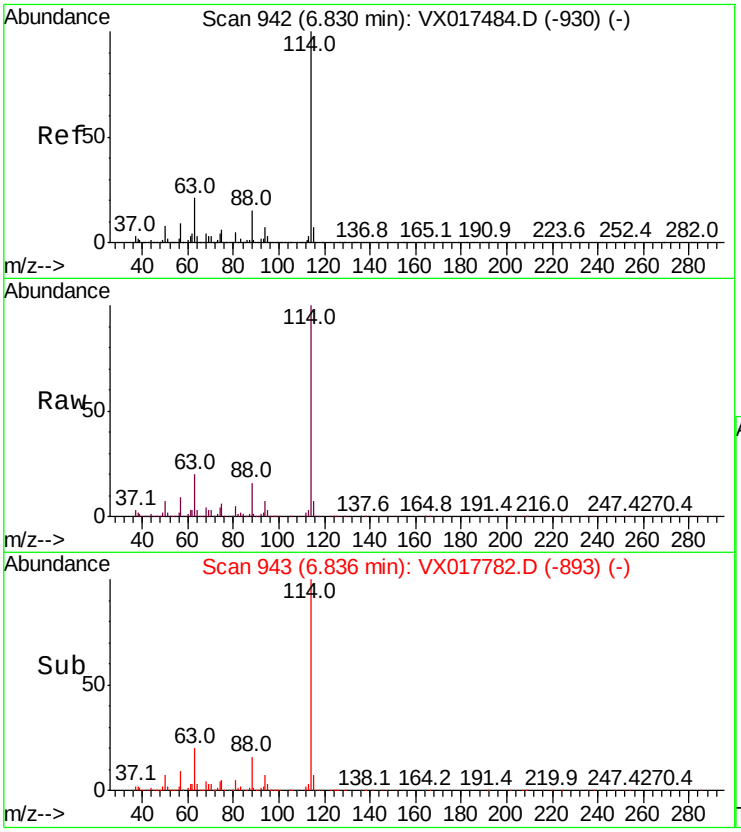


#33
1,2-Dichloroethane-d4
Concen: 51.435 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 65 Resp: 378294

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.8



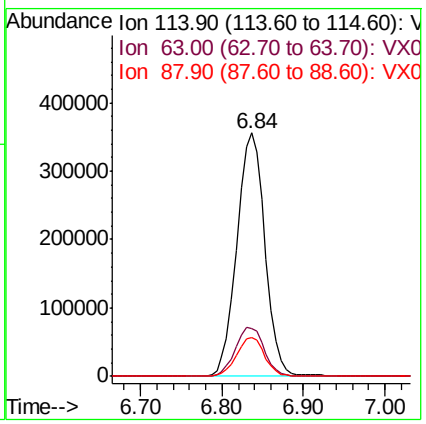


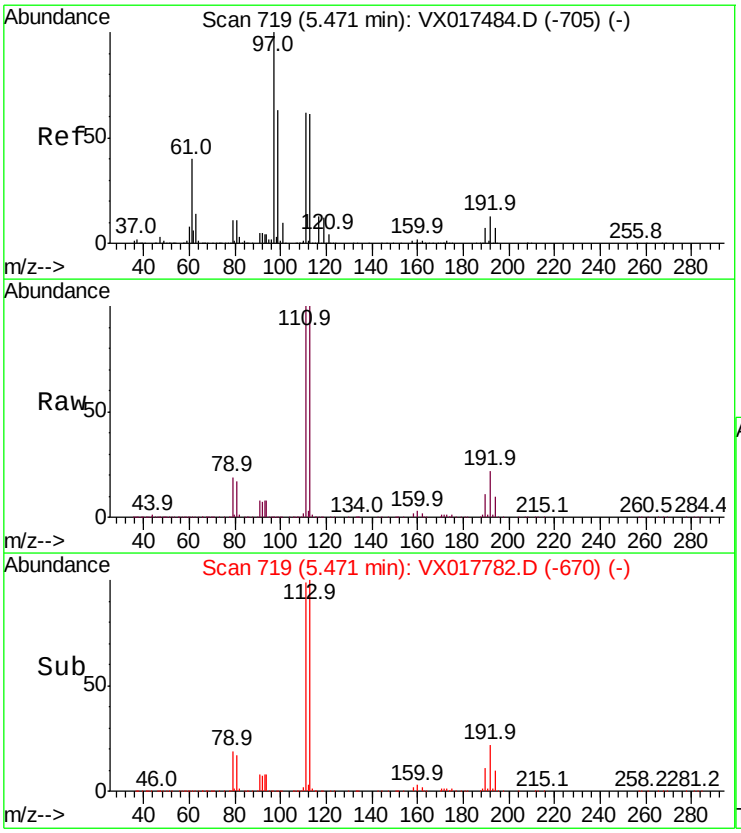
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion:114 Resp: 847969

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.6
88	16.0	0.0	33.4

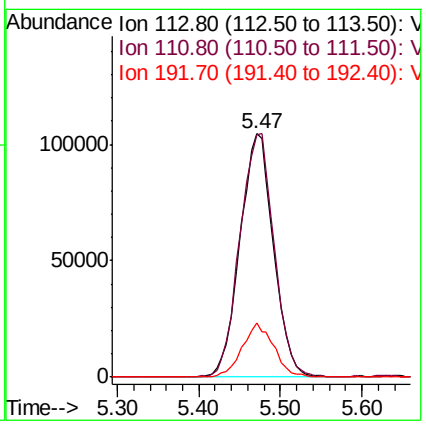


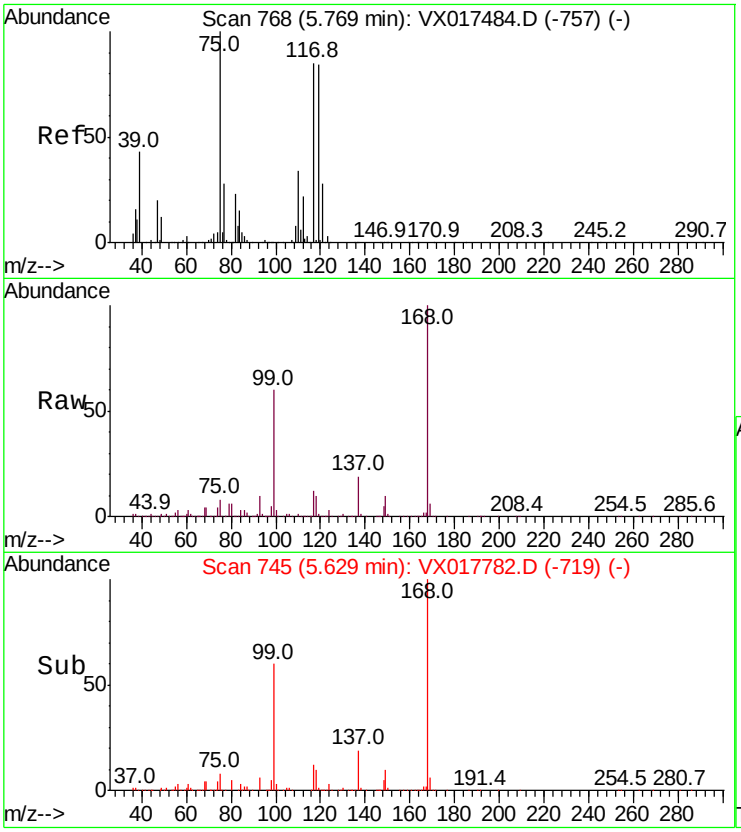


#35
Dibromofluoromethane
Concen: 52.617 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion:113 Resp: 298403

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	21.1	16.9	25.3



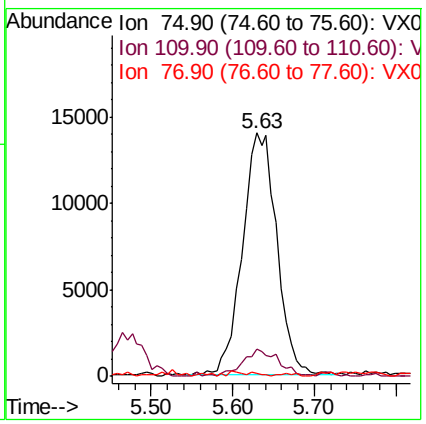


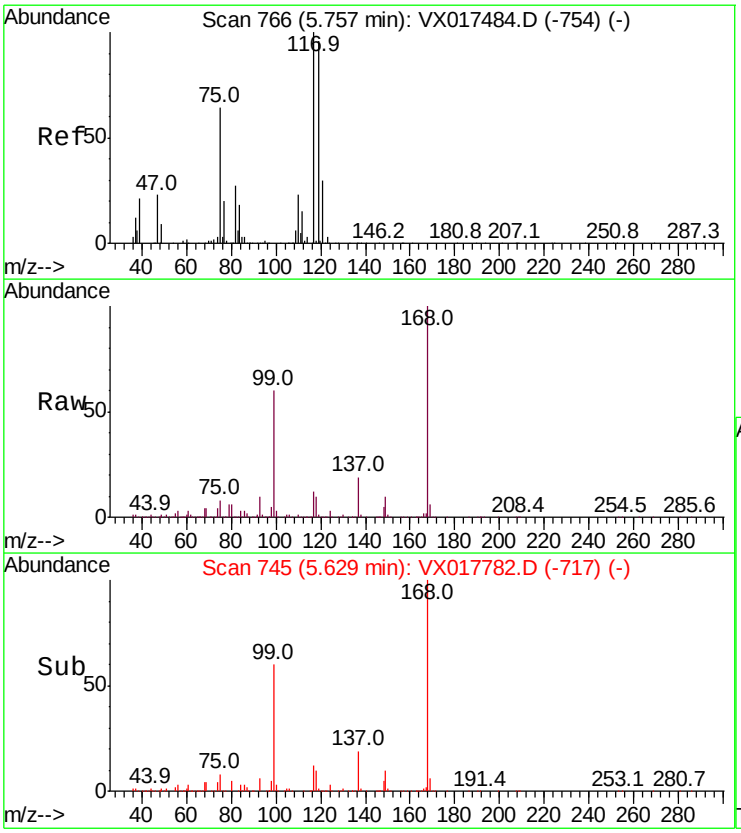
#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 75 Resp: 40879

Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.1	54.3#
77	0.6	24.6	37.0#

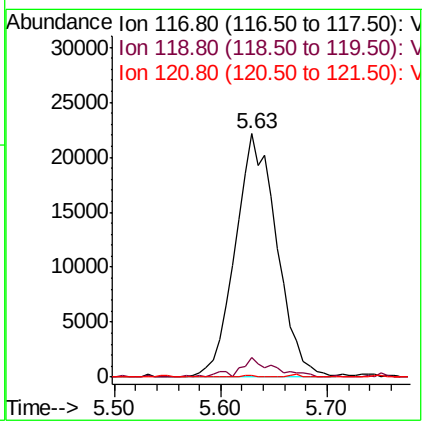


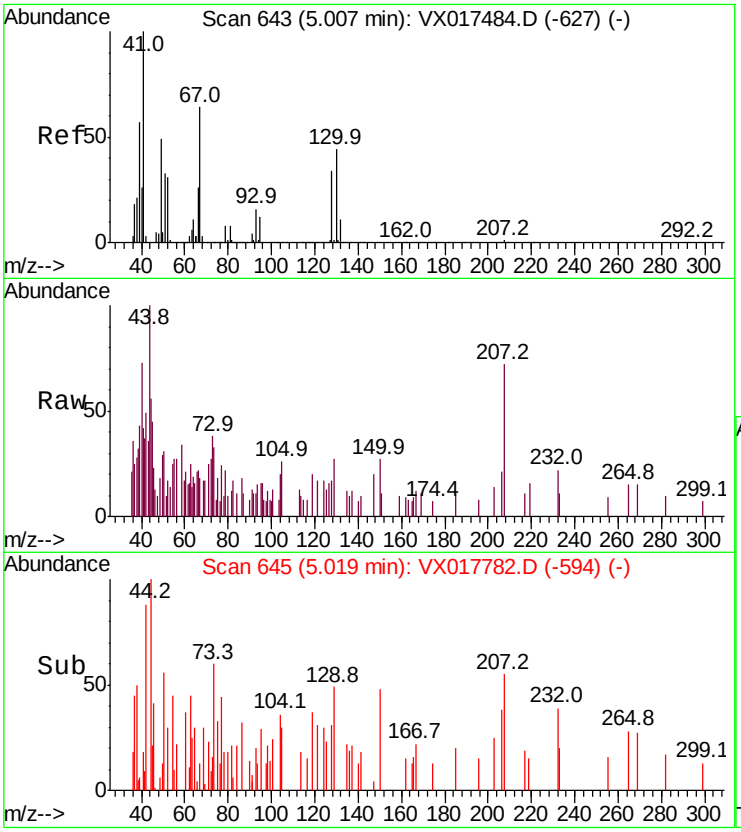


#38
Carbon Tetrachloride
Concen: 6.143 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion:117 Resp: 60674

Ion	Ratio	Lower	Upper
117	100		
119	7.6	75.4	113.0#
121	0.7	24.3	36.5#



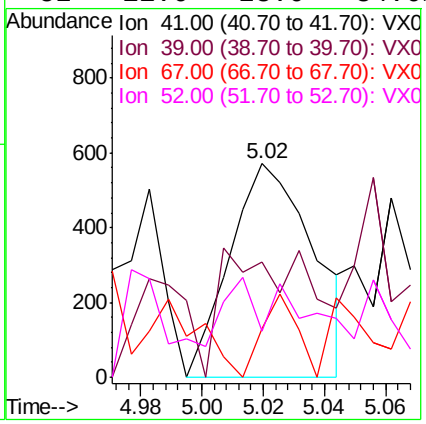


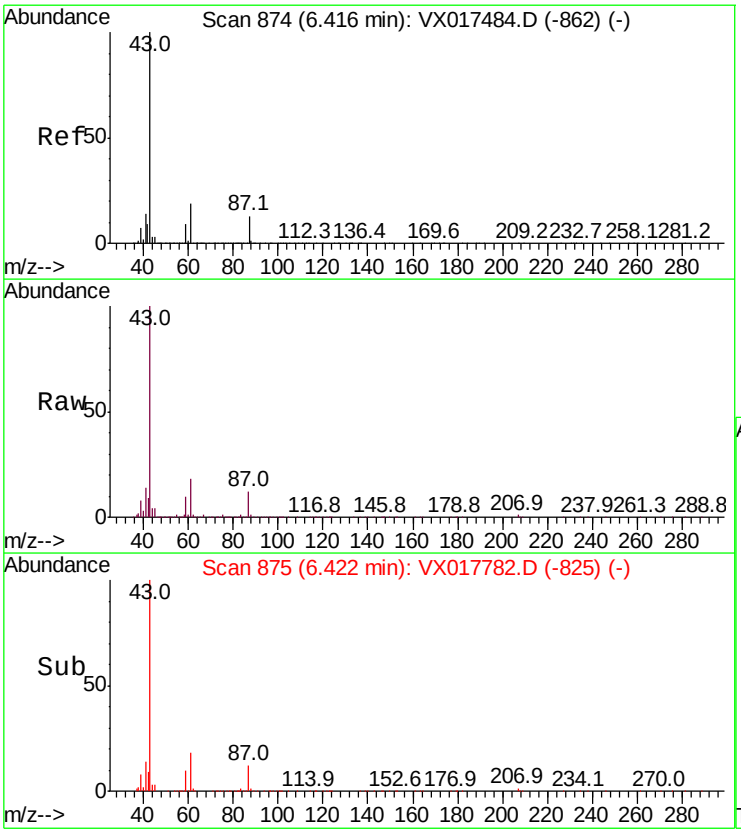
#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 5.02 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 41 Resp: 1083

Ion	Ratio	Lower	Upper
41	100		
39	64.0	43.9	65.9
67	16.3	54.0	81.0#
52	11.6	23.0	34.6#

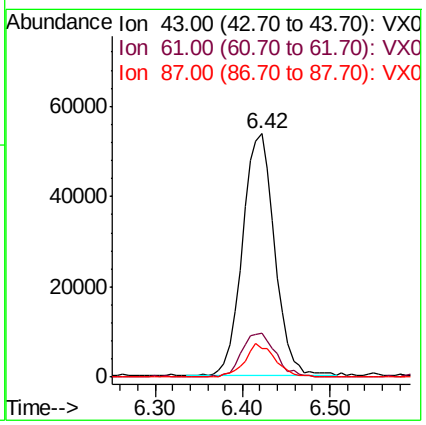


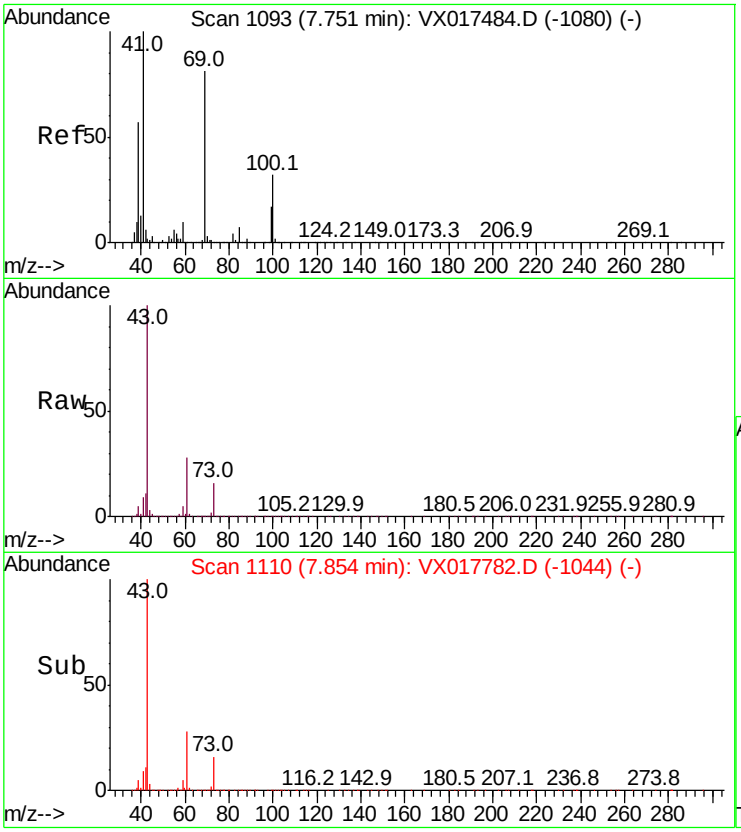


#43
Isopropyl Acetate
Concen: 9.288 ug/l
RT: 6.42 min Scan# 875
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 43 Resp: 136369

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	12.9	10.5	15.7



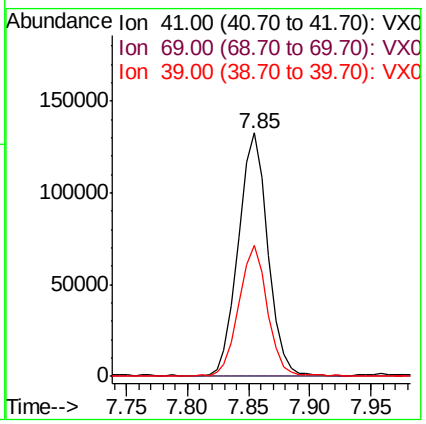


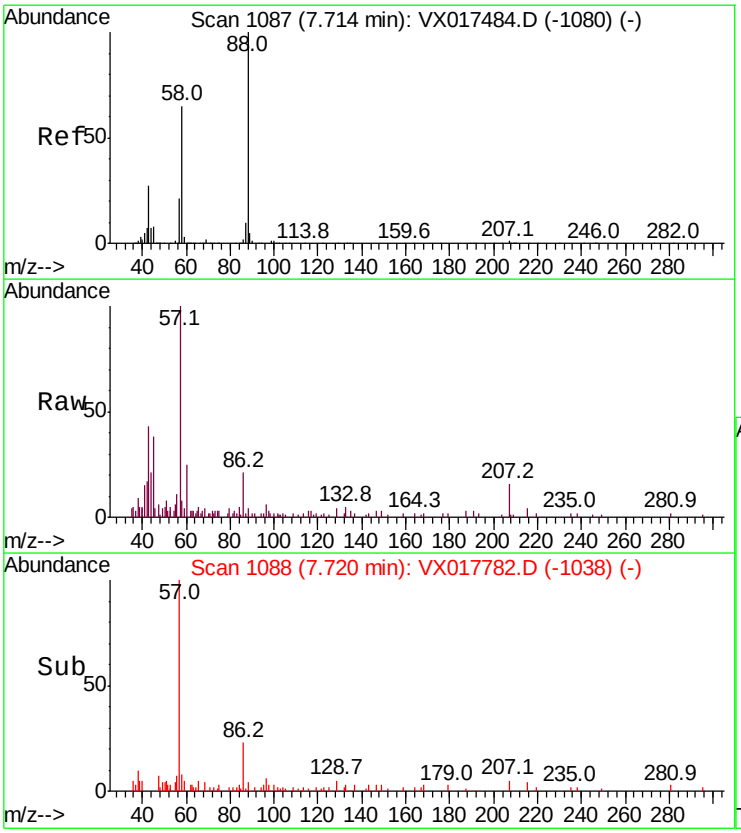
#48
Methyl methacrylate
Concen: 30.251 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 41 Resp: 220157

Ion	Ratio	Lower	Upper
41	100		
69	0.3	63.1	94.7#
39	53.2	45.1	67.7

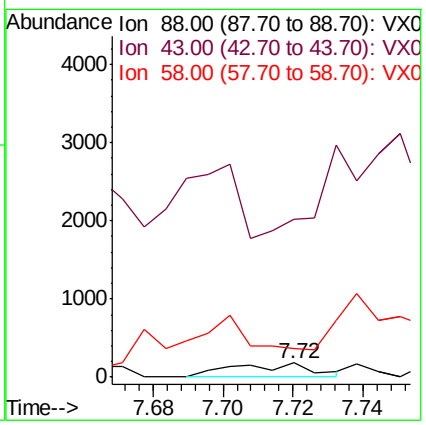


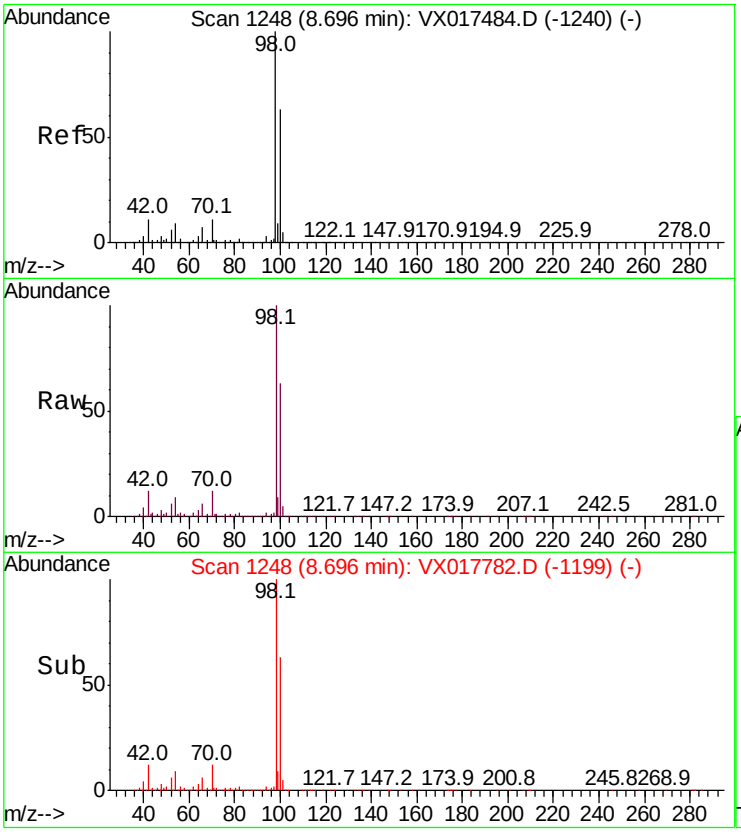


#49
1,4-Dioxane
Concen: 2.071 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 88 Resp: 289

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	609.0	58.3	87.5#



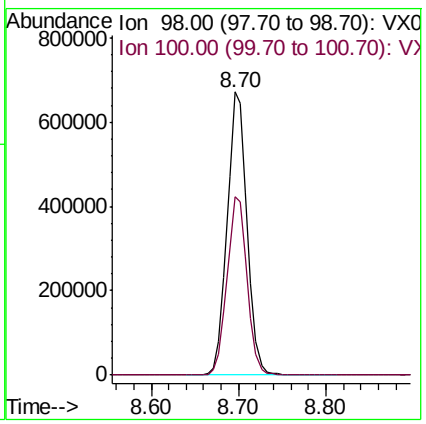


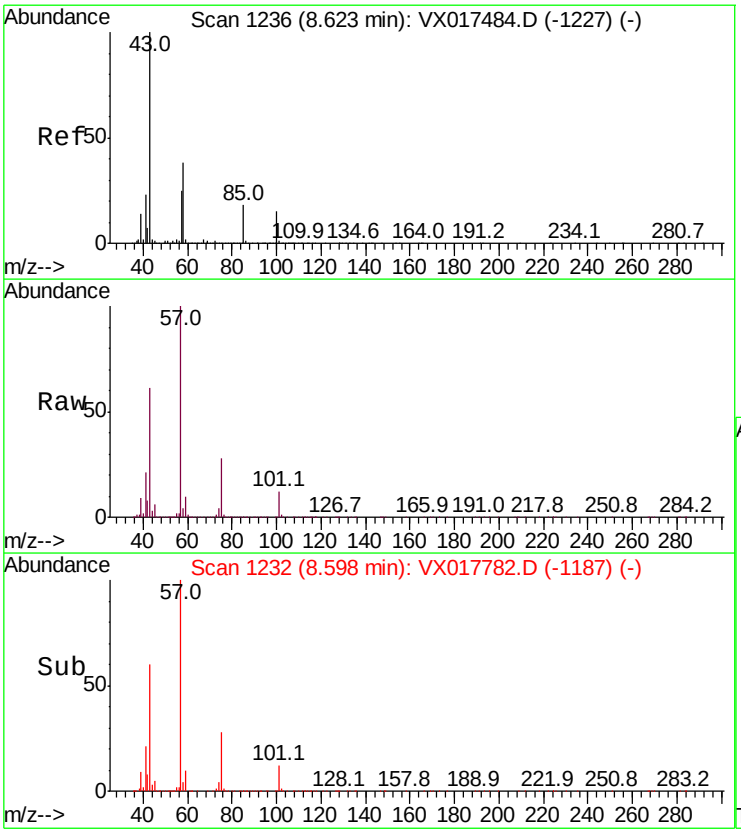
#50
Toluene-d8
Concen: 51.727 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 98 Resp: 1058281

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5

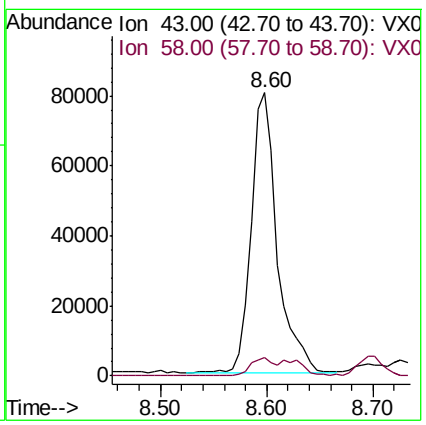


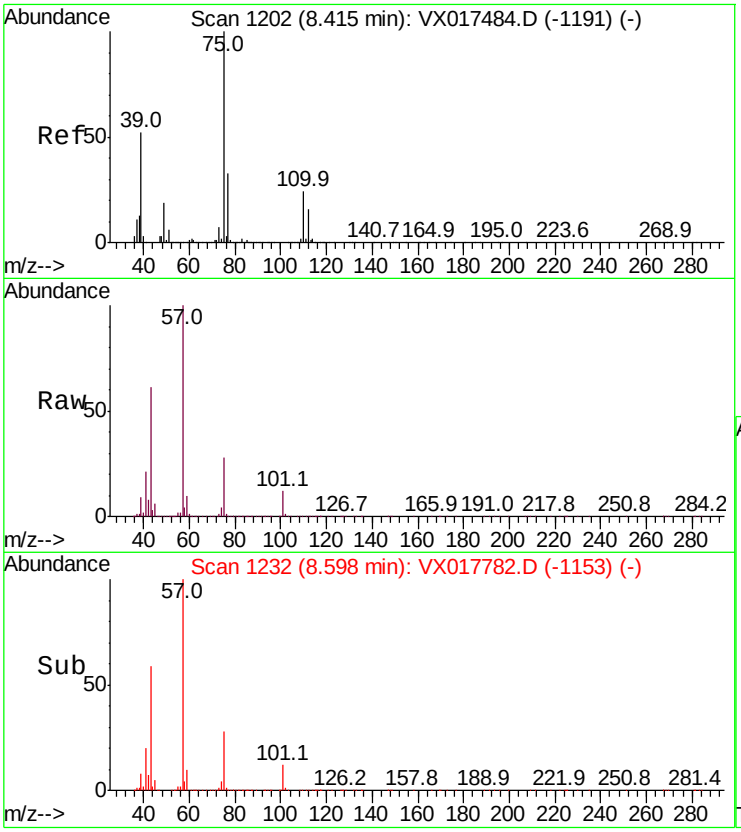


#51
4-Methyl-2-Pentanone
Concen: 15.564 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 43 Resp: 136343

Ion	Ratio	Lower	Upper
43	100		
58	6.2	31.0	46.4#



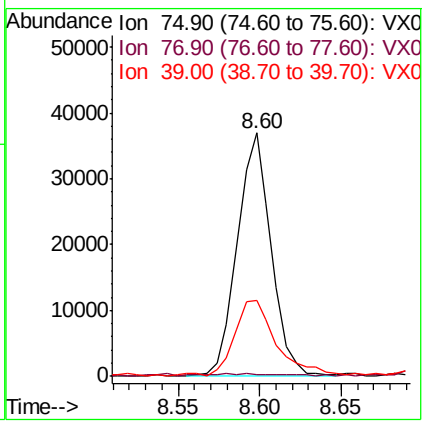


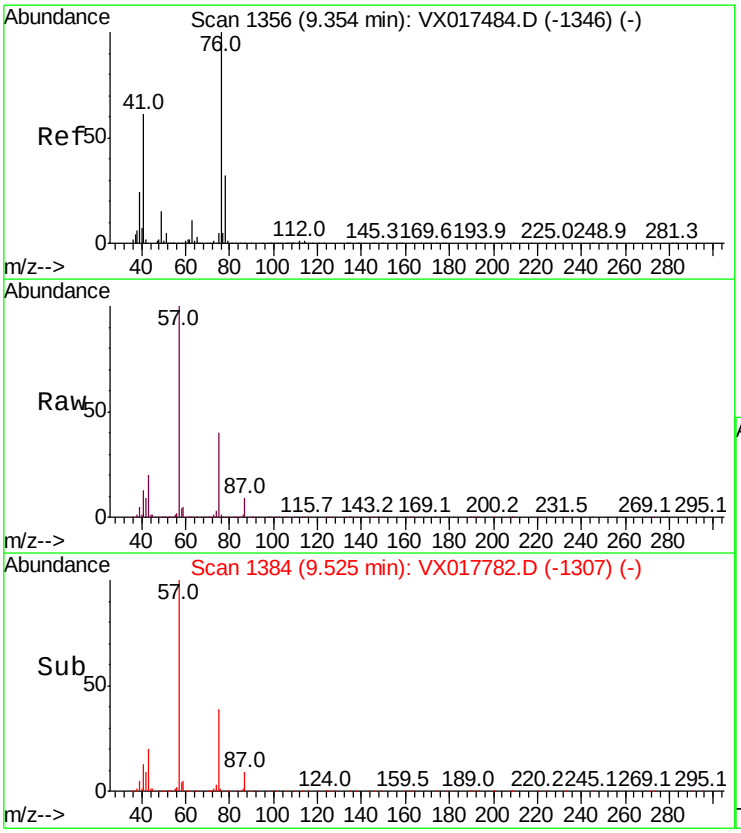
#54
cis-1,3-Dichloropropene
Concen: 5.104 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument : MSVOA_X
ClientSampleId : CRT-017

Tgt Ion: 75 Resp: 53569

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.5	38.3#
39	30.2	41.8	62.8#

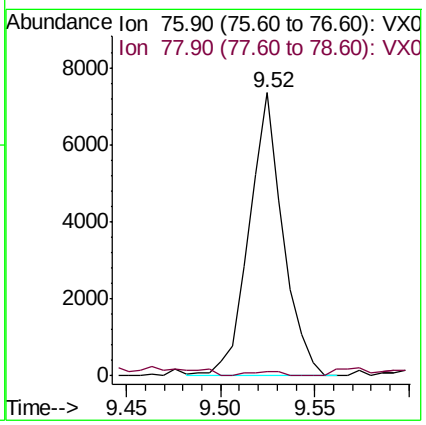


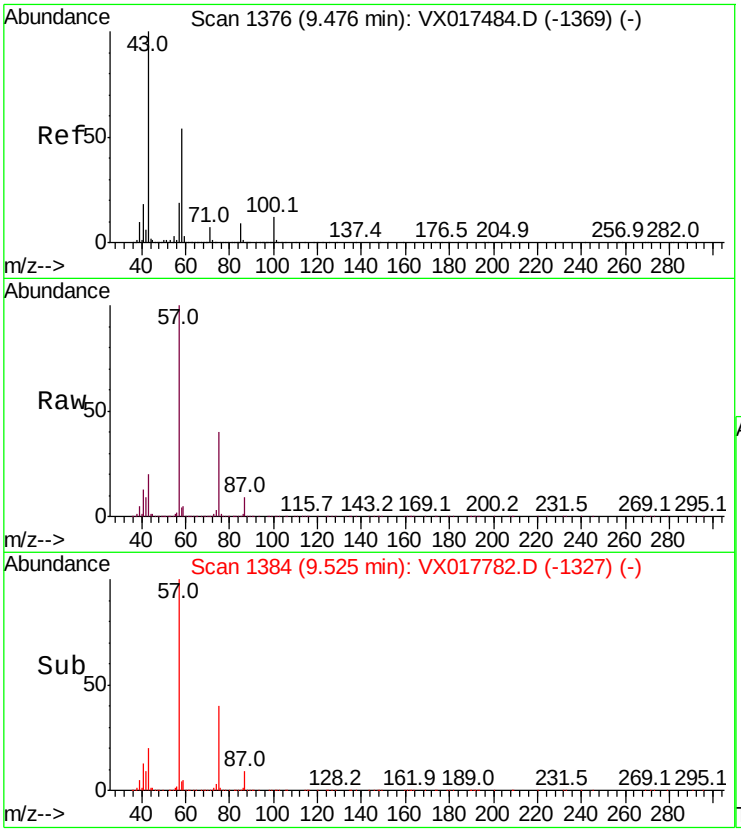


#57
1,3-Dichloropropane
Concen: 0.888 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 76 Resp: 9104

Ion	Ratio	Lower	Upper
76	100		
78	1.5	25.8	38.8#



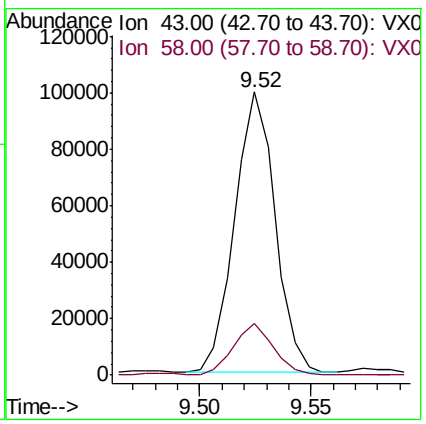


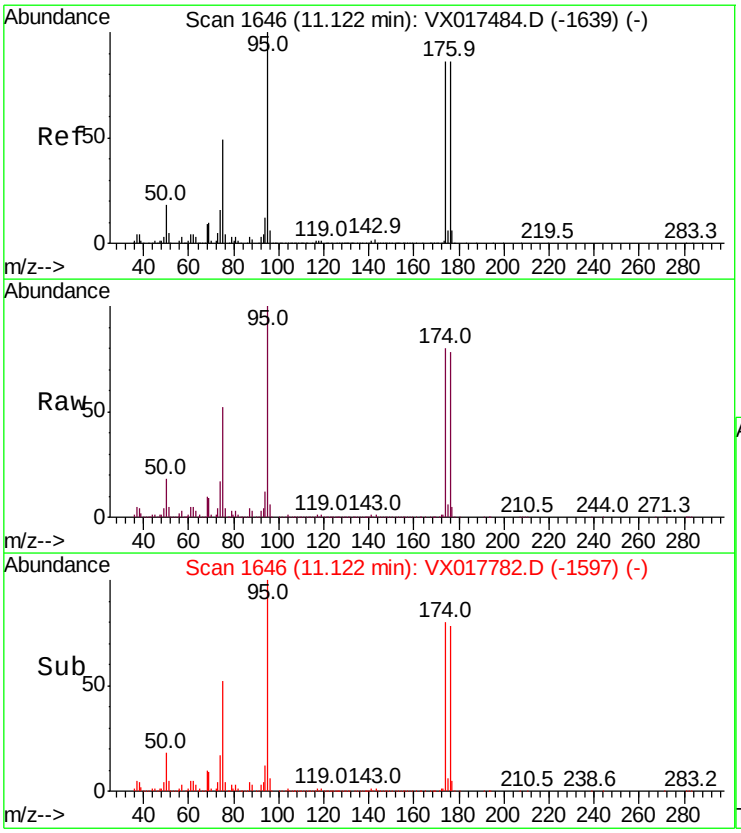
#59
2-Hexanone
Concen: 19.054 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 43 Resp: 125672

Ion	Ratio	Lower	Upper
43	100		
58	18.7	26.6	79.8#

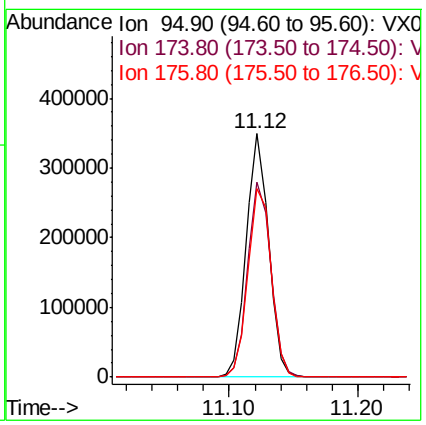


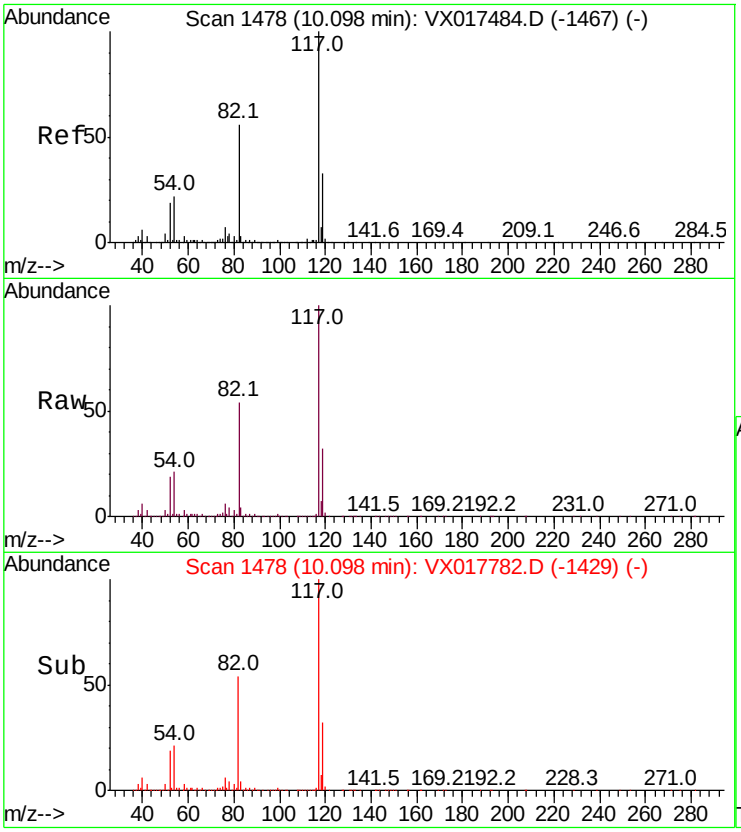


#62
4-Bromofluorobenzene
Concen: 50.768 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 95 Resp: 415675

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	169.0
176	80.8	0.0	161.0



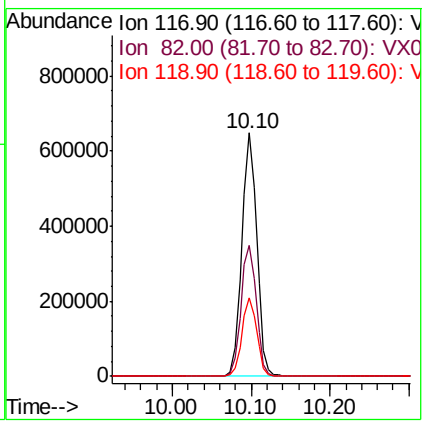


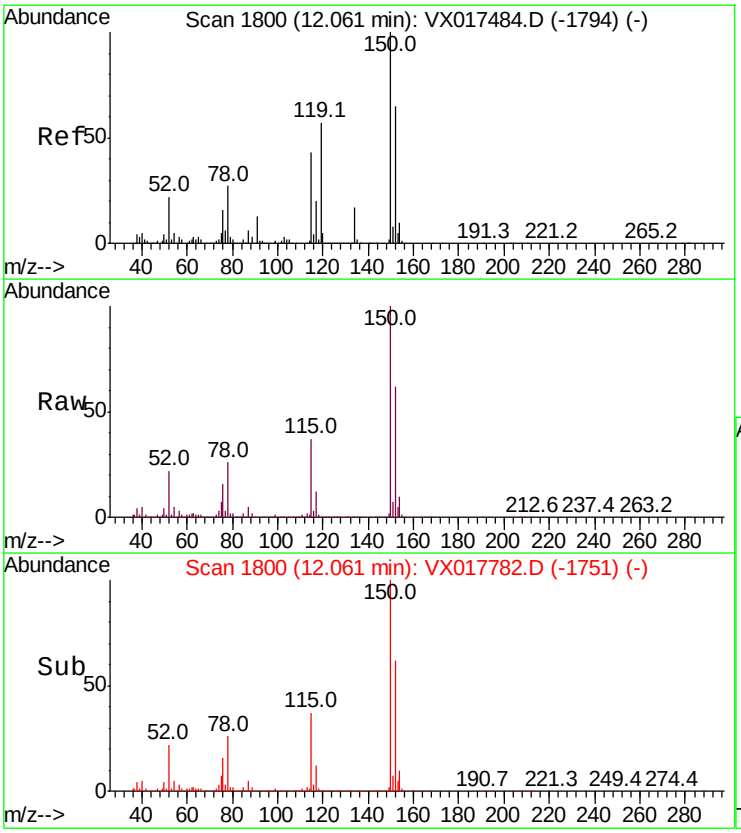
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion:117 Resp: 854421

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.0	66.0
119	32.4	25.4	38.0

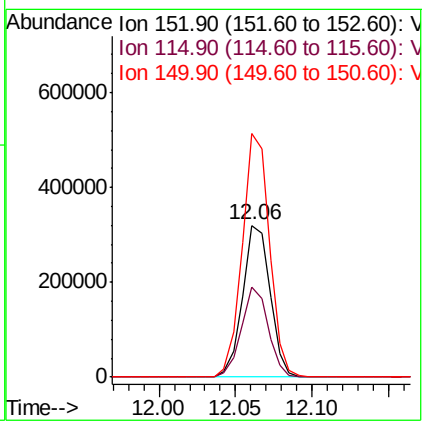


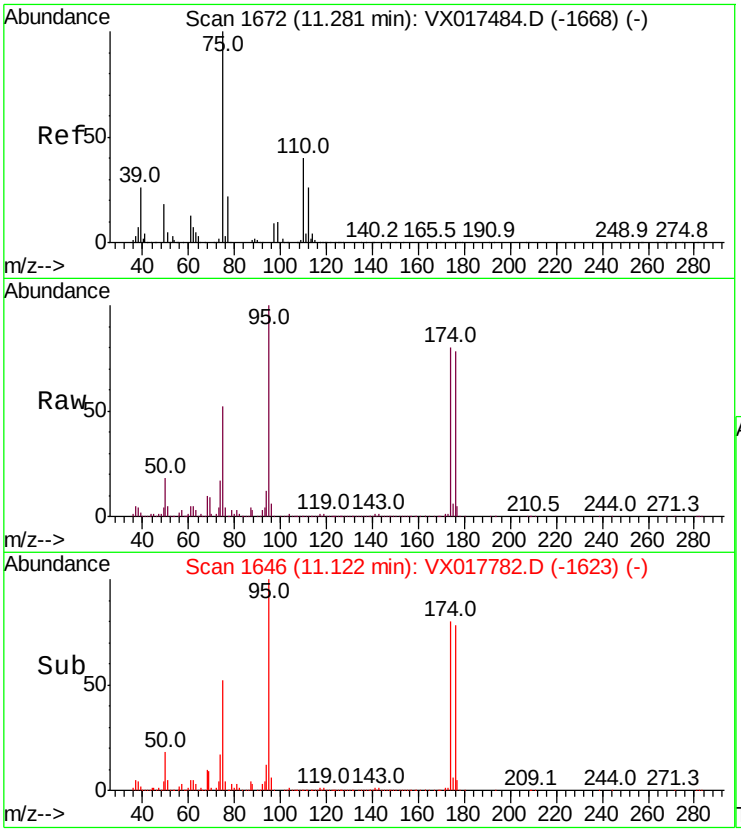


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion:152 Resp: 399674

Ion	Ratio	Lower	Upper
152	100		
115	57.9	65.5	196.6#
150	158.4	0.0	412.6



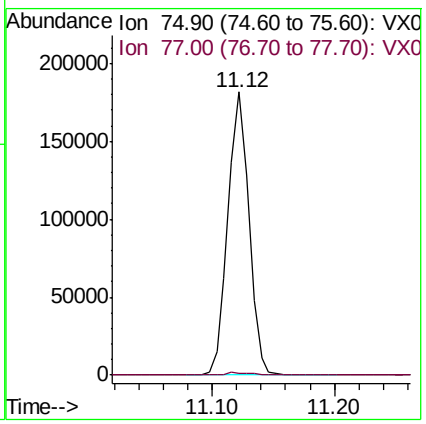


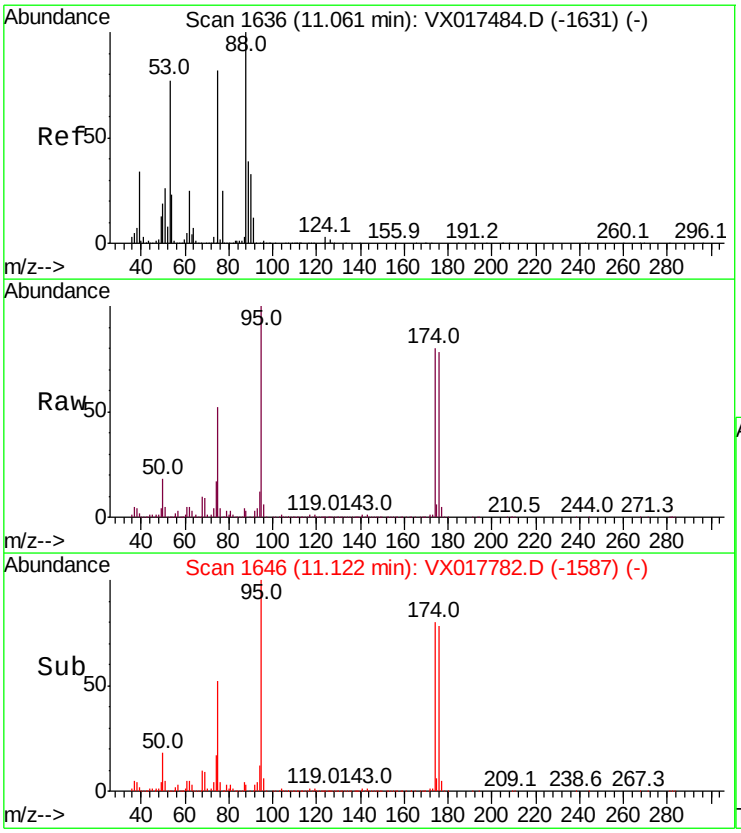
#76
1,2,3-Trichloropropane
Concen: 26.284 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 75 Resp: 216091

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.8	65.3#

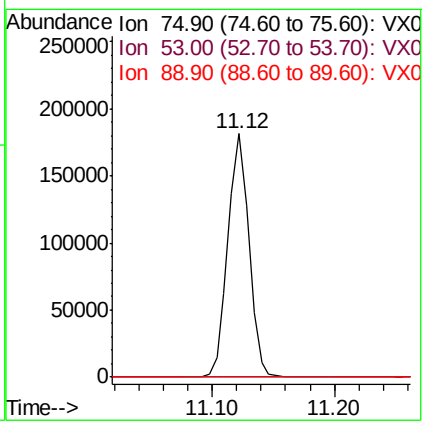


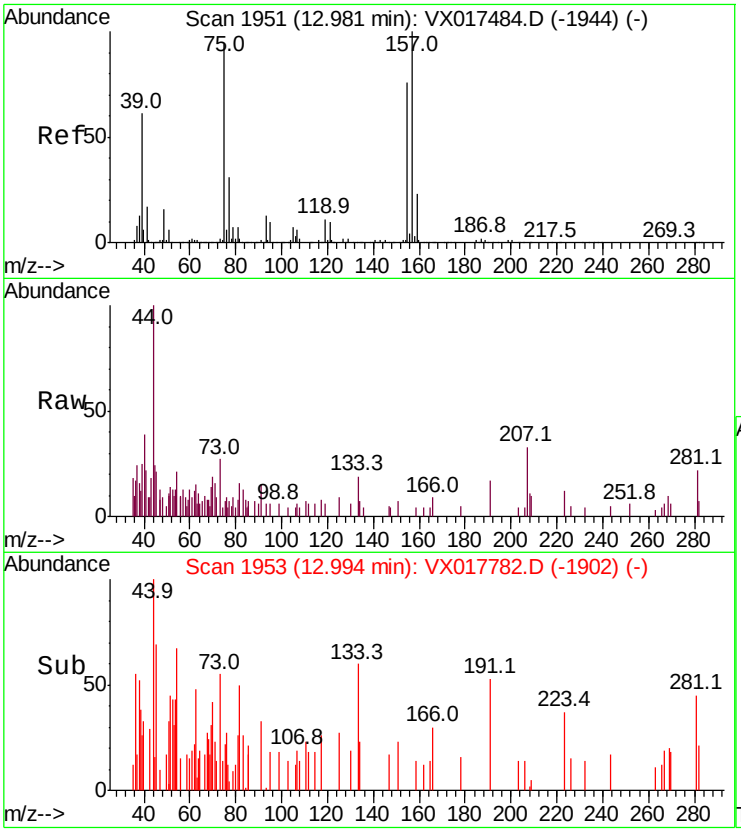


#81
trans-1,4-Dichloro-2-butene
Concen: 66.229 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Tgt Ion: 75 Resp: 216091

Ion	Ratio	Lower	Upper
75	100		
53	0.7	75.9	113.9#
89	0.0	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.604 ug/l
RT: 12.99 min Scan# 1953
Delta R.T. 0.01 min
Lab File: VX017782.D
Acq: 04 Aug 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
CRT-017

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
155	124.3	42.3	126.8
157	247.1	54.3	162.9#