Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017781.D
Acq On : 04 Aug 2020 19:37
Operator : JC/SP
Sample : L3548-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CRT-025

Quant Time: Aug 05 01:52:37 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	565440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	824678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	859782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	404257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	355246	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
35) Dibromofluoromethane	5.47	113	275396	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
50) Toluene-d8	8.70	98	1037453	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.28%			
62) 4-Bromofluorobenzene	11.12	95	393734	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	191	Below Cal	#	60
3) Chloromethane	1.31	50	984	0.507	ug/l #	67
5) Bromomethane	1.61	94	179	Below Cal	#	1
6) Chloroethane	1.72	64	255	Below Cal	#	44
8) Diethyl Ether	2.17	74	1545	Below Cal		52
11) Tert butyl alcohol	3.00	59	2667	1.742	ug/l #	73
13) Acrolein	2.28	56	818	4.837	ug/l #	82
16) Acetone	2.42	43	48750	15.249	ug/l	97
18) Methyl Acetate	2.75	43	9870	1.311	ug/l	98
20) Methylene Chloride	2.84	84	24412	2.843	ug/l	87
25) 2-Butanone	4.65	43	10434	2.298	ug/l	92
29) Tetrahydrofuran	5.10	42	936	0.333	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	42774	5.408	ug/l #	51
38) Carbon Tetrachloride	5.64	117	56974	5.932	ug/l #	16
43) Isopropyl Acetate	6.42	43	138112	9.673	ug/l	99
48) Methyl methacrylate	7.85	41	214023	30.238	ug/l #	46
49) 1,4-Dioxane	7.74	88	297	2.189	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	137248	16.110	ug/l #	46
54) cis-1,3-Dichloropropene	8.60	75	53749	5.266	ug/l #	61
59) 2-Hexanone	9.52	43	146214	22.795	ug/l #	53
74) N-amyl acetate	10.81	43	6644	0.539	ug/l #	51
76) 1,2,3-Trichloropropane	11.12	75	200726	24.138	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	200726	60.823	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74	2.605	ug/l #	1

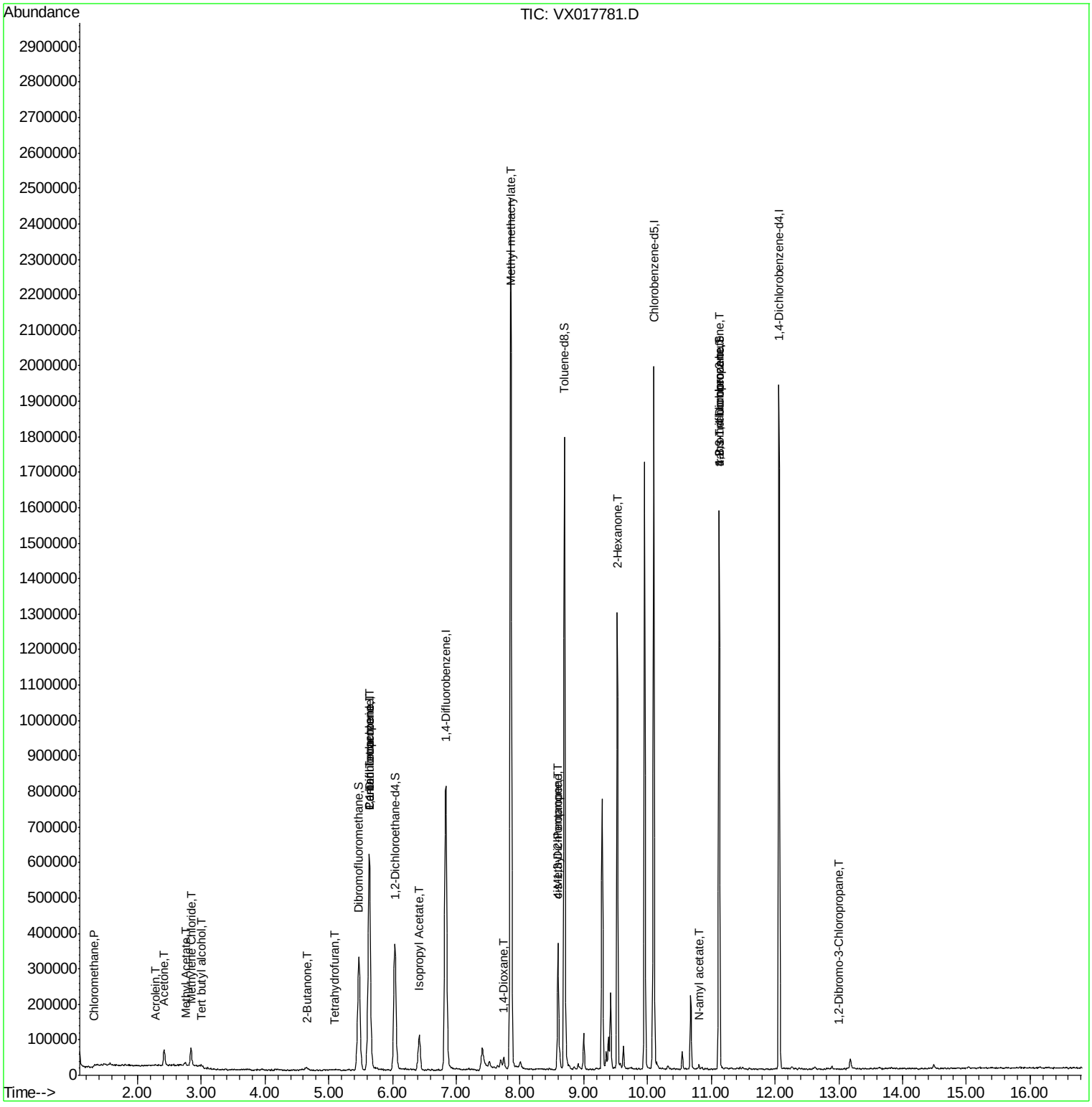
(#) = qualifier out of range (m) = manual integration (+) = signals summed

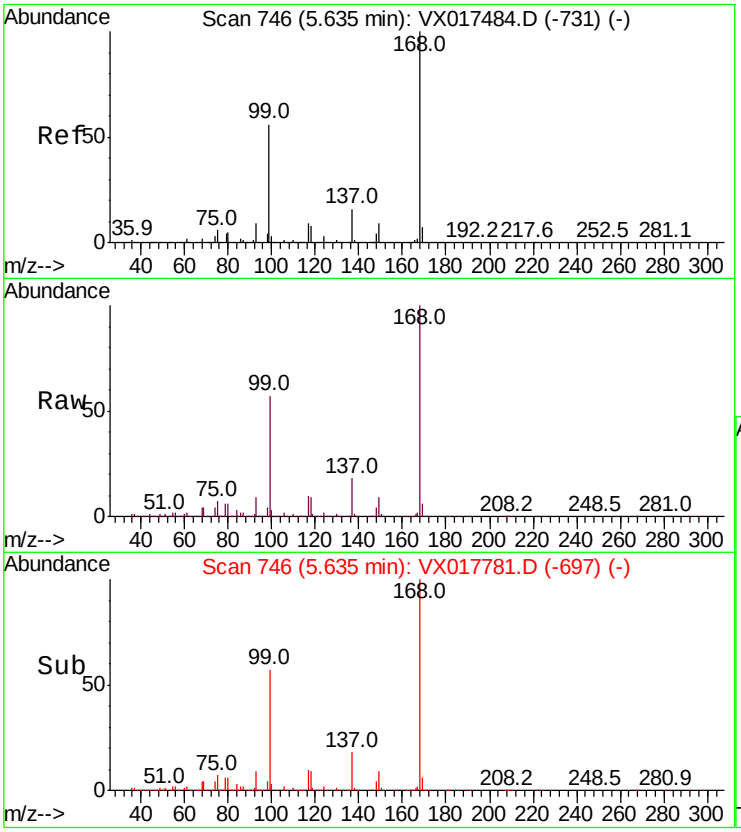
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017781.D
Acq On : 04 Aug 2020 19:37
Operator : JC/SP
Sample : L3548-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CRT-025

Quant Time: Aug 05 01:52:37 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



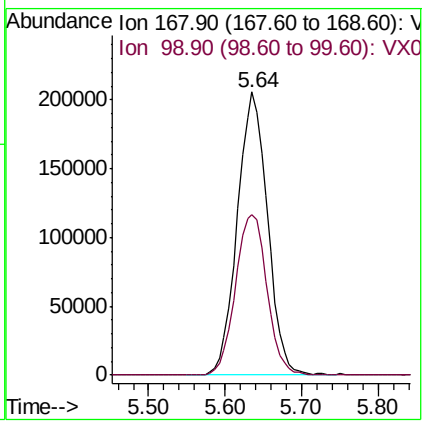


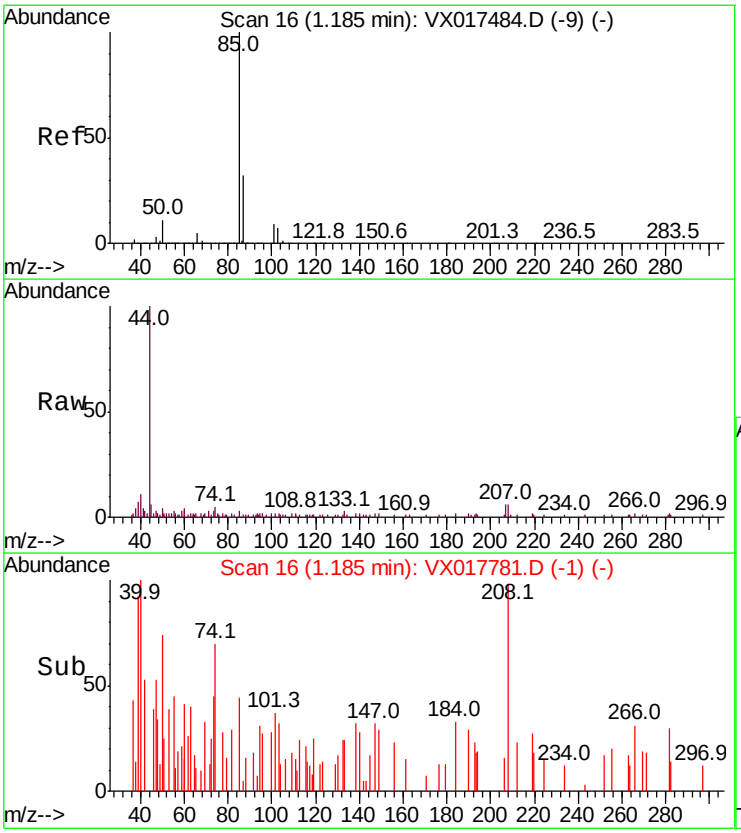
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion:168 Resp: 565440

Ion	Ratio	Lower	Upper
168	100		
99	56.8	43.4	65.2

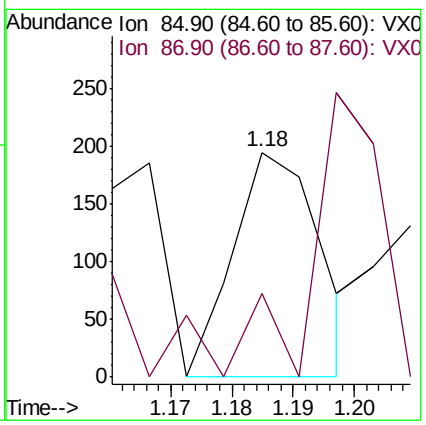


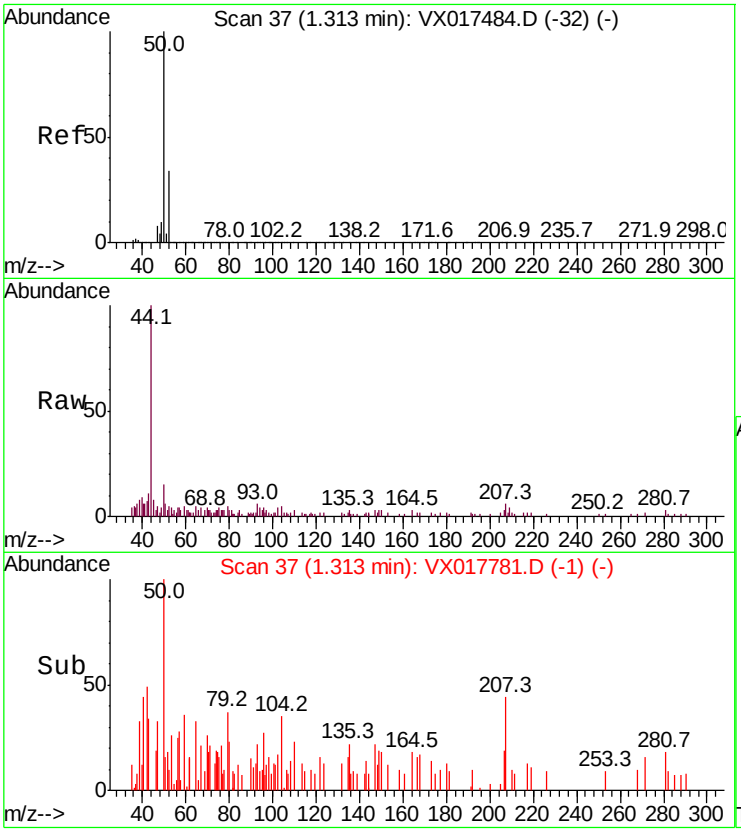


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 85 Resp: 191

Ion	Ratio	Lower	Upper
85	100		
87	9.7	16.1	48.3#



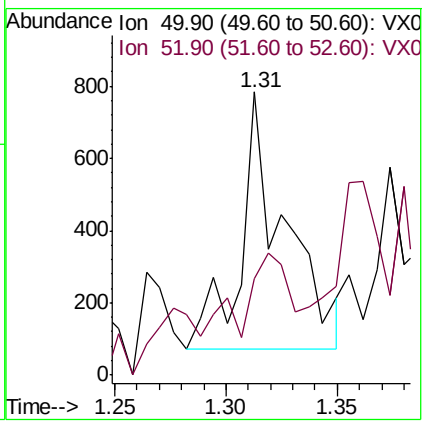


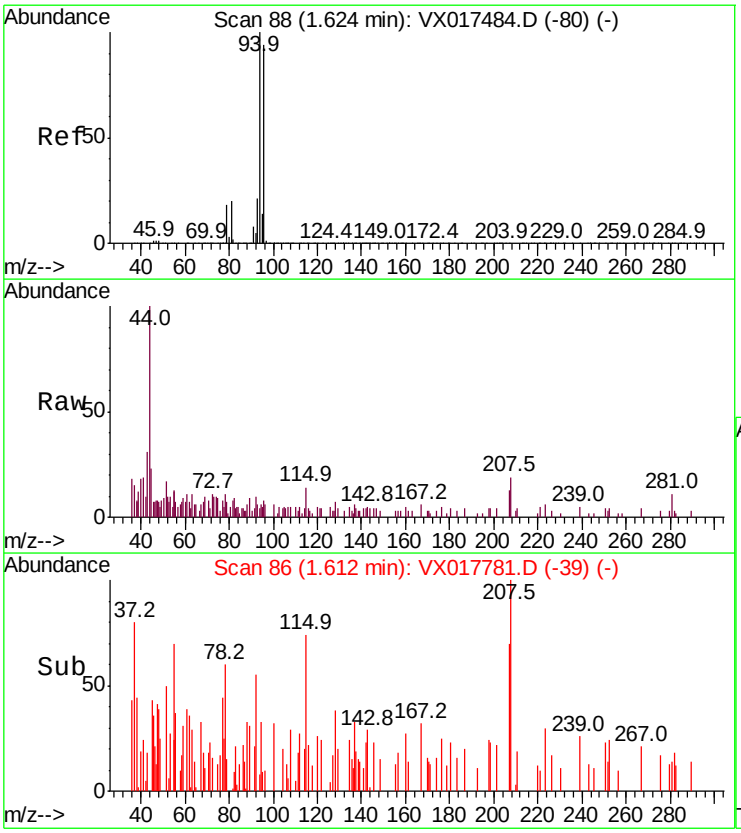
#3
Chloromethane
Concen: 0.507 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 50 Resp: 984

Ion	Ratio	Lower	Upper
50	100		
52	14.0	25.9	38.9#

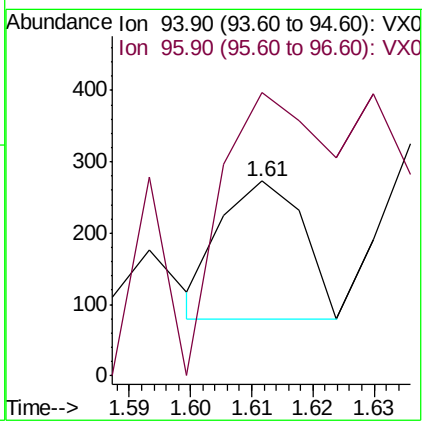


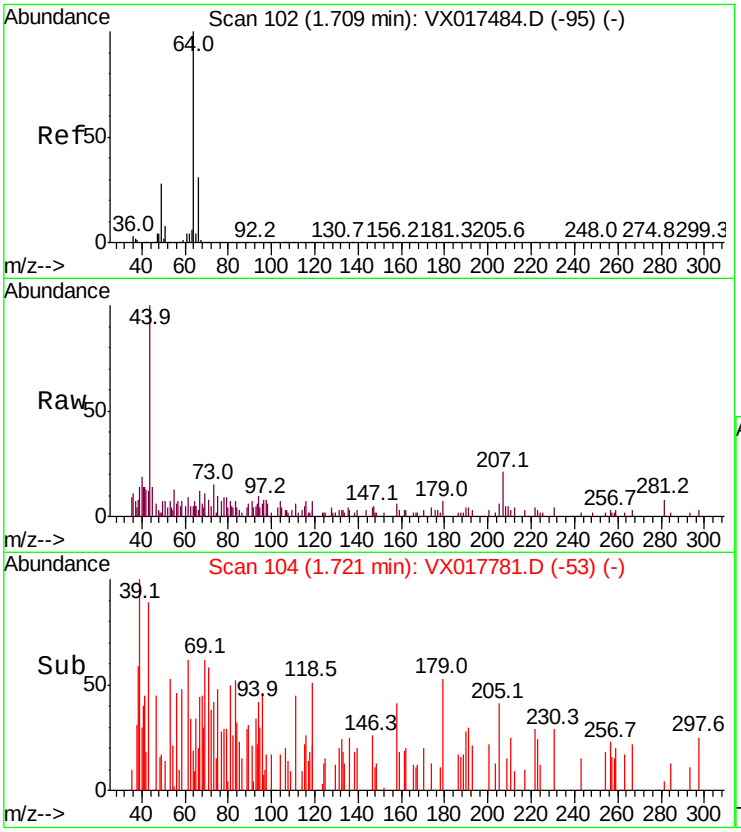


#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 86
Delta R.T. -0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 94 Resp: 179

Ion	Ratio	Lower	Upper
94	100		
96	205.7	74.1	111.1#



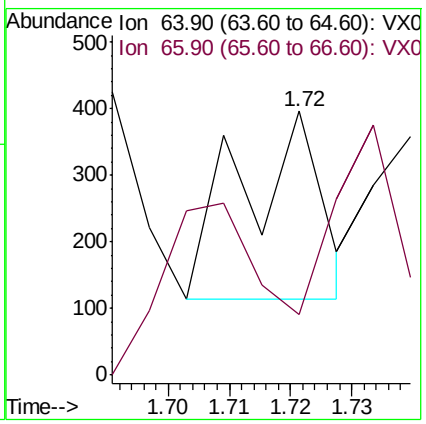


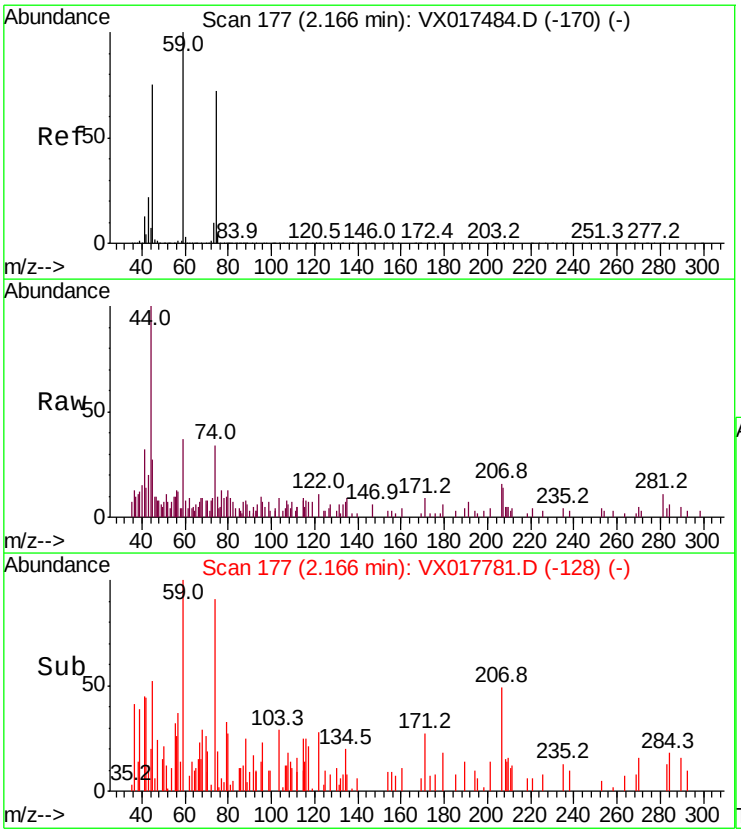
#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 64 Resp: 255

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#

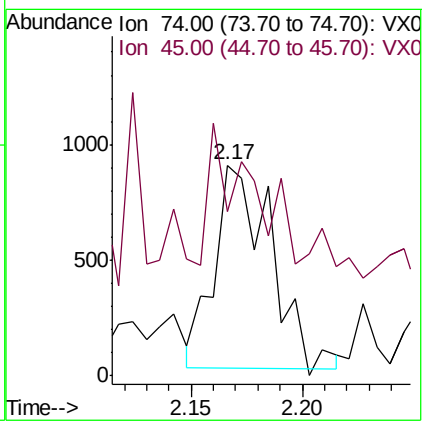


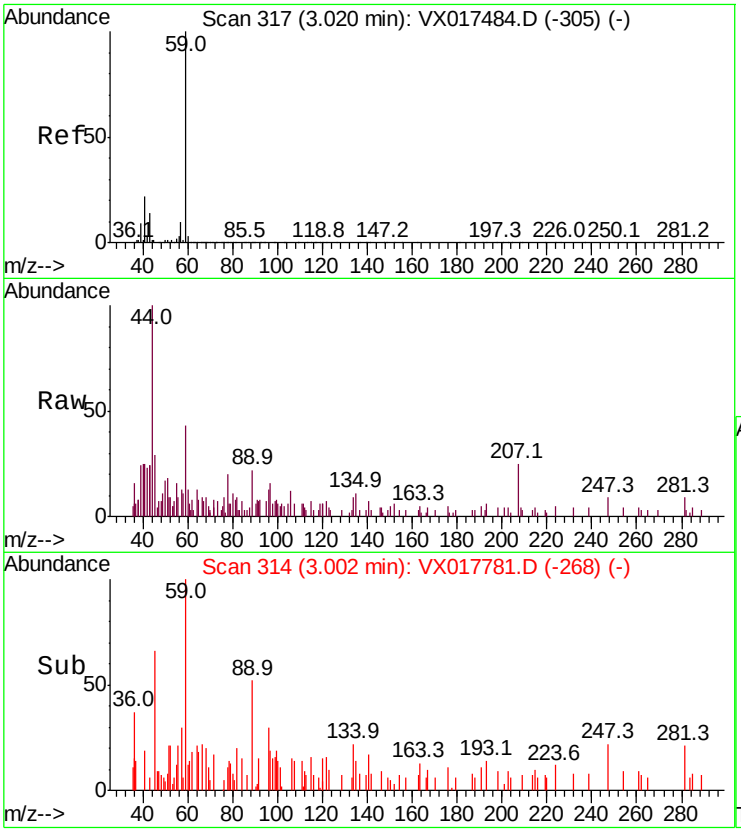


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 74 Resp: 1545

Ion	Ratio	Lower	Upper
74	100		
45	53.0	50.8	152.5



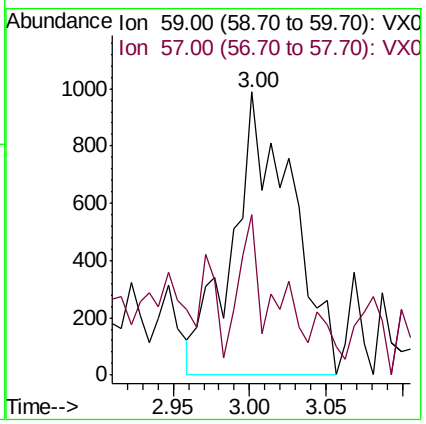


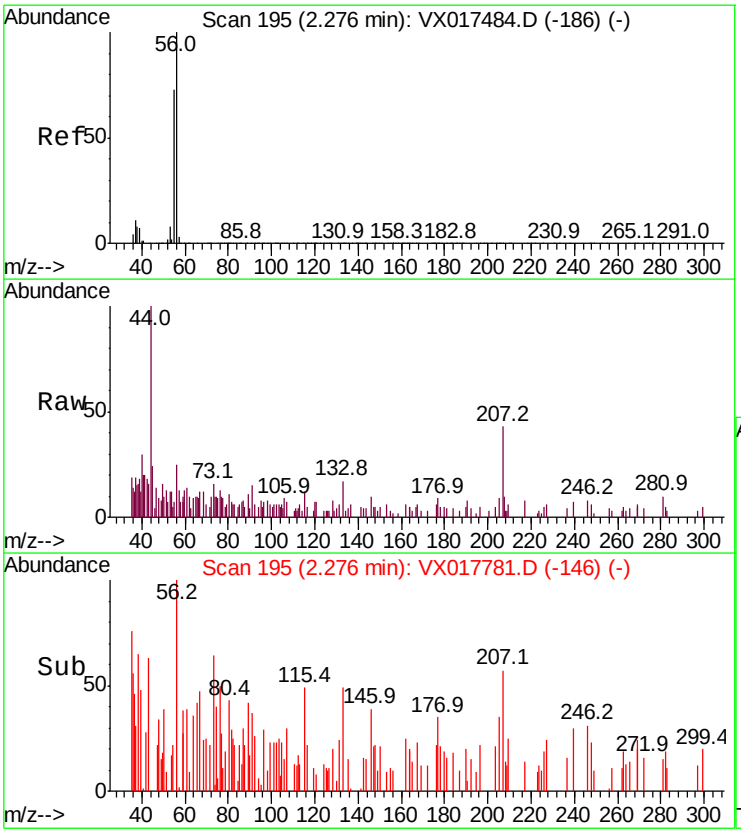
#11
Tert butyl alcohol
Concen: 1.742 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 59 Resp: 2667

Ion	Ratio	Lower	Upper
59	100		
57	20.8	8.6	12.8#

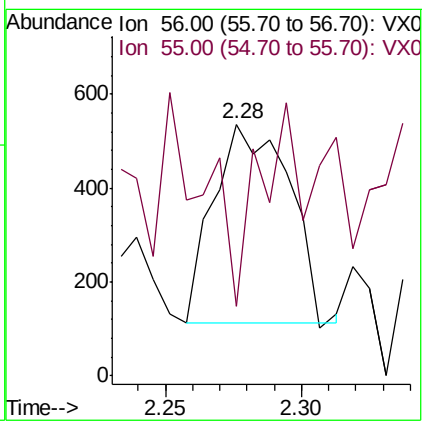


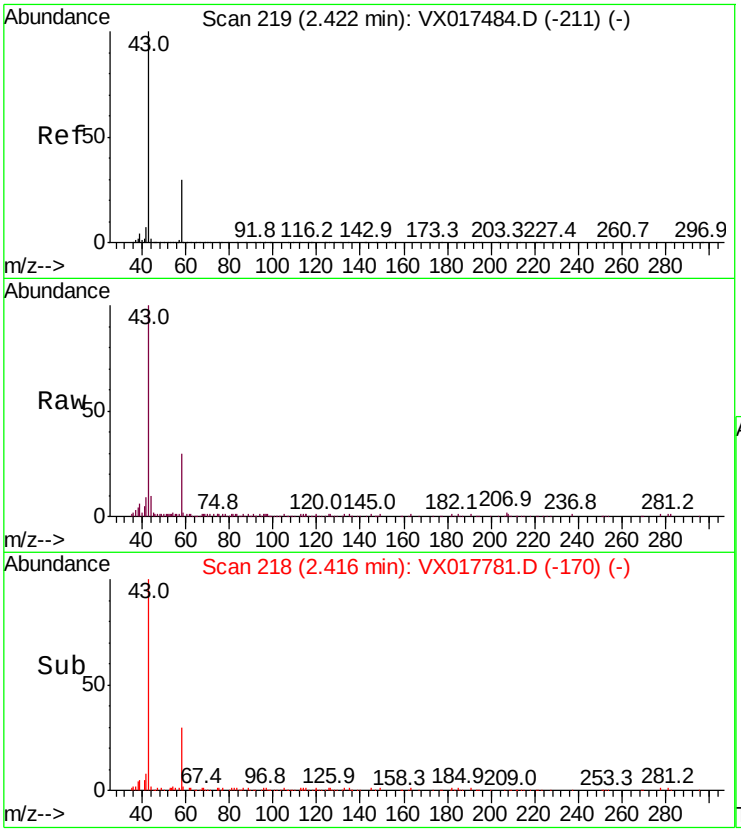


#13
Acrolein
Concen: 4.837 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 56 Resp: 818

Ion	Ratio	Lower	Upper
56	100		
55	87.2	57.4	86.2#



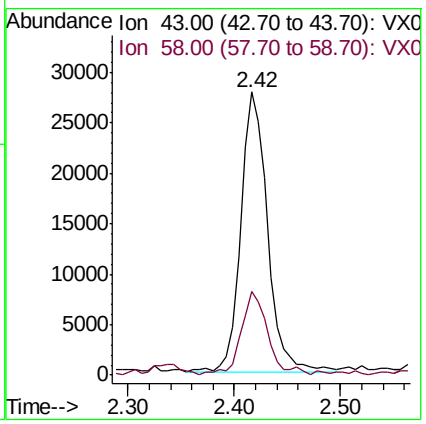


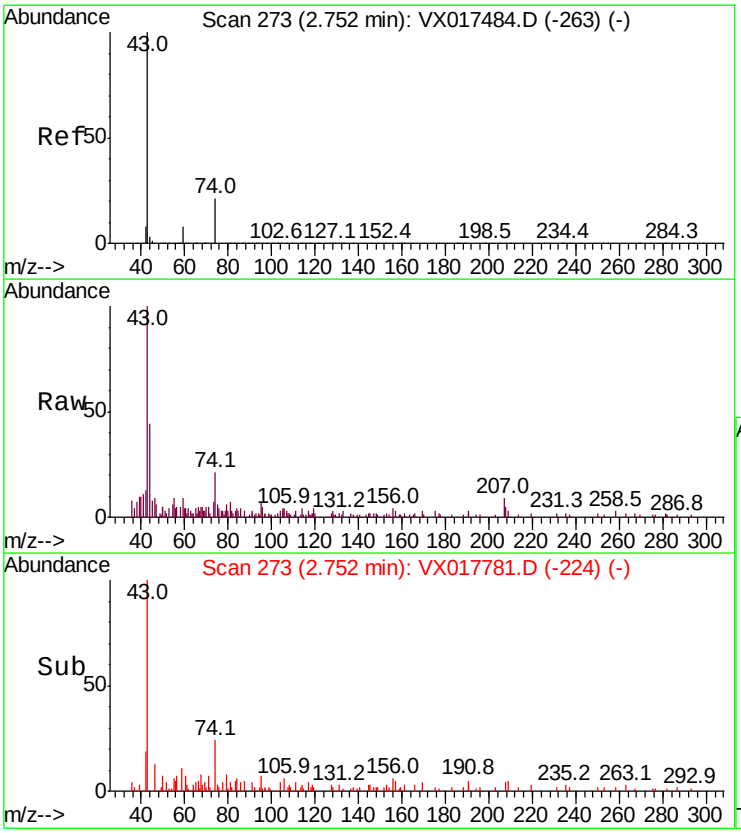
#16
Acetone
Concen: 15.249 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 43 Resp: 48750

Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4

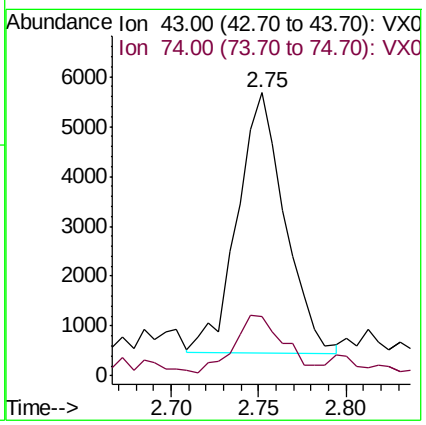


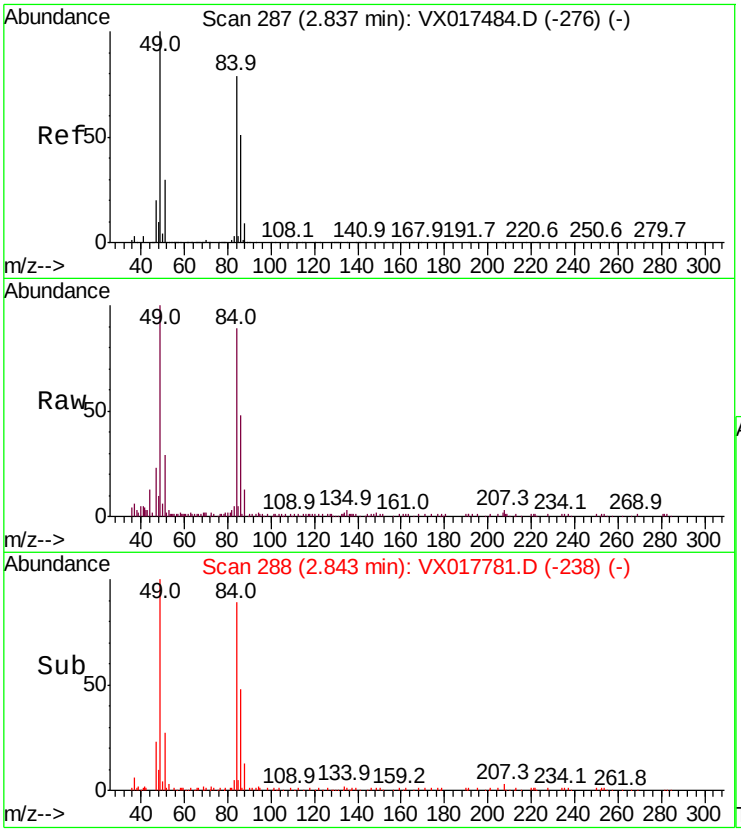


#18
Methyl Acetate
Concen: 1.311 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 43 Resp: 9870

Ion	Ratio	Lower	Upper
43	100		
74	23.0	17.5	26.3



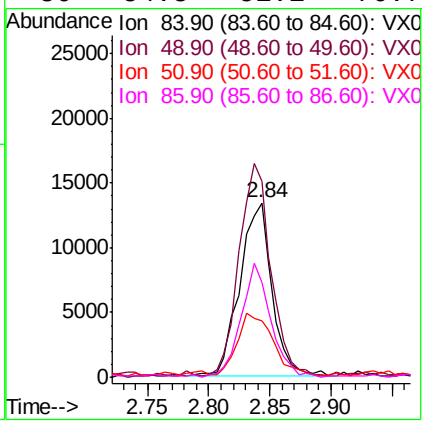


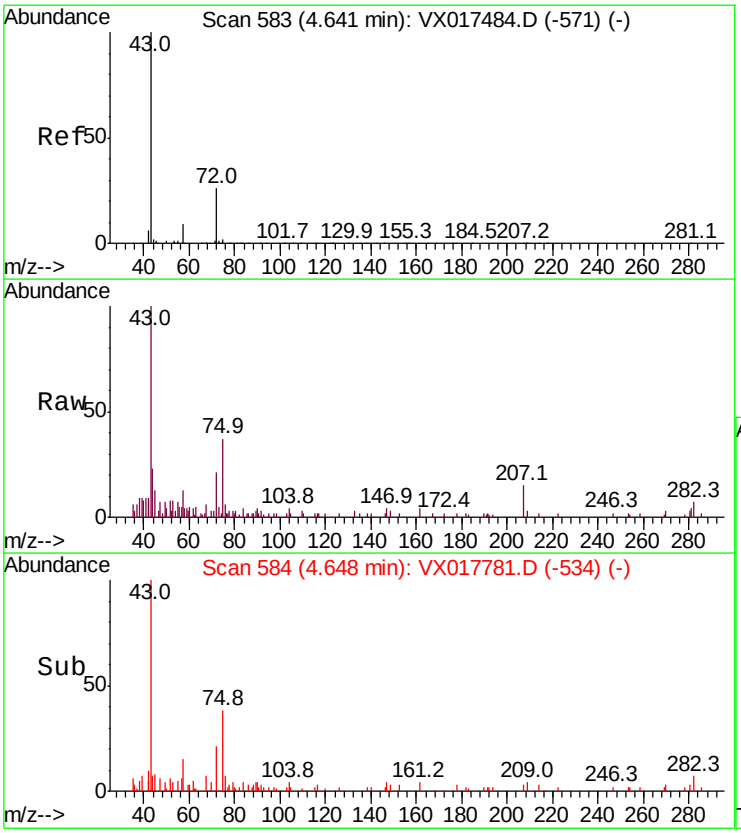
#20
Methylene Chloride
Concen: 2.843 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 84 Resp: 24412

Ion	Ratio	Lower	Upper
84	100		
49	110.4	100.3	150.5
51	30.7	30.5	45.7
86	54.3	51.1	76.7

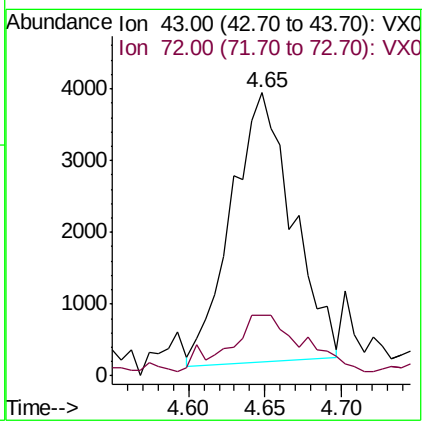


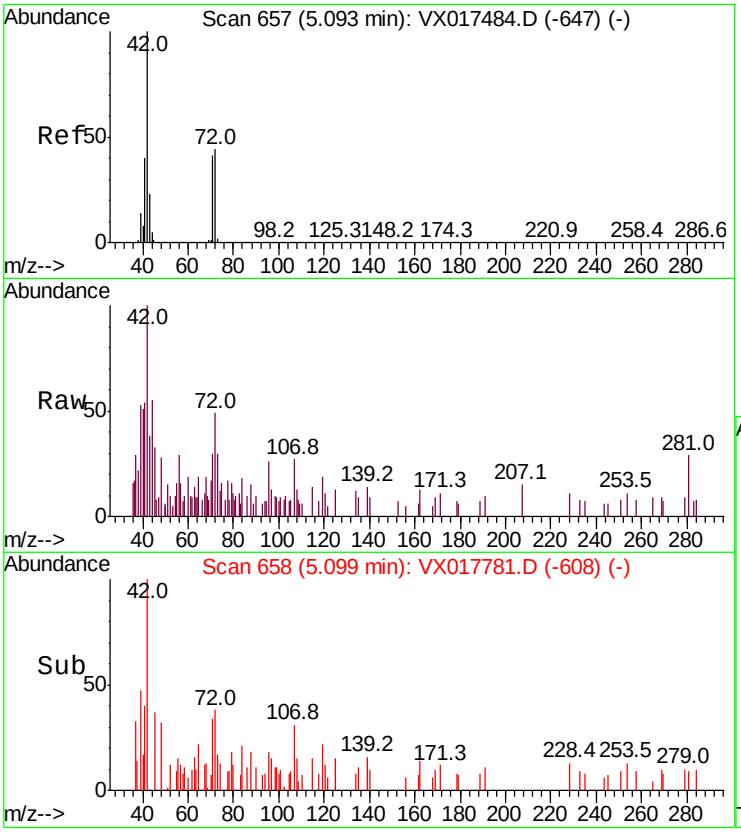


#25
2-Butanone
Concen: 2.298 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 43 Resp: 10434

Ion	Ratio	Lower	Upper
43	100		
72	19.6	19.0	28.4



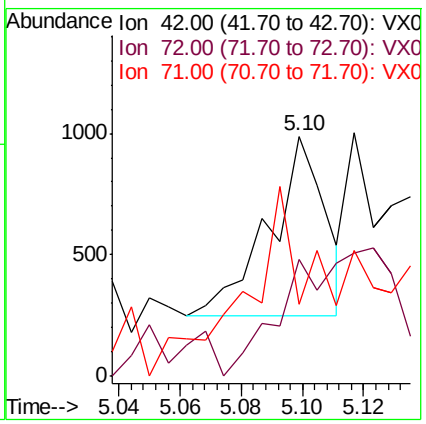


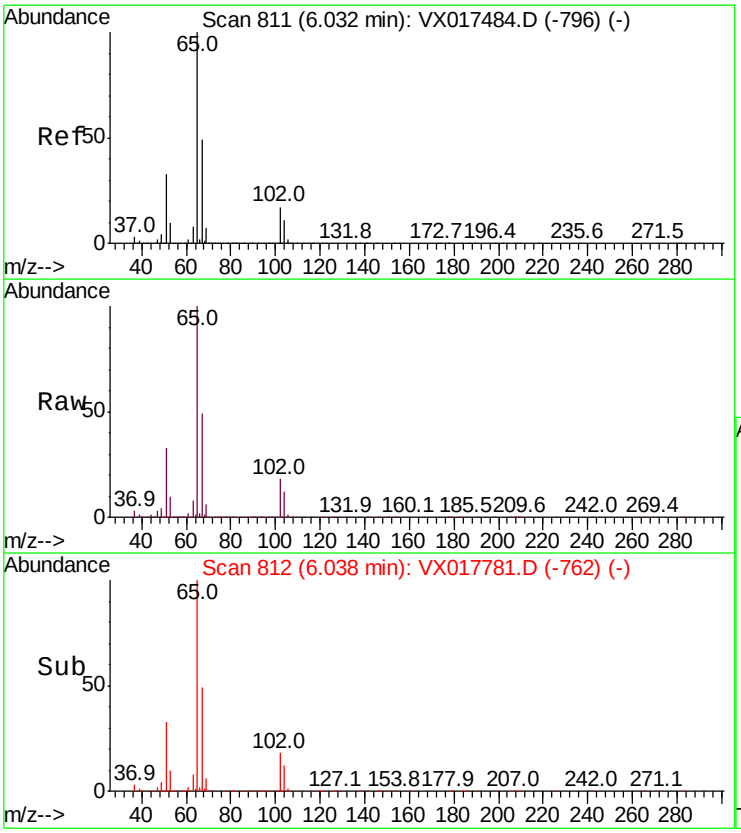
#29
Tetrahydrofuran
Concen: 0.333 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 42 Resp: 936

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.5	53.3#
71	127.1	33.0	49.4#

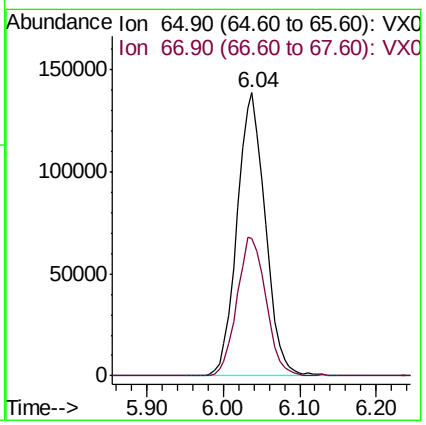


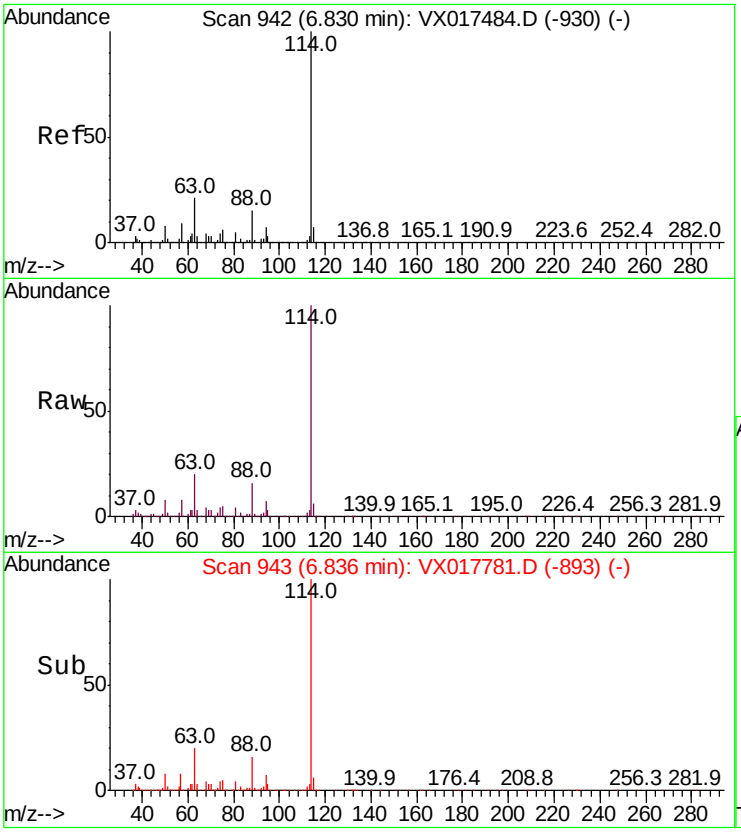


#33
1,2-Dichloroethane-d4
Concen: 48.910 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 65 Resp: 355246

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	102.8



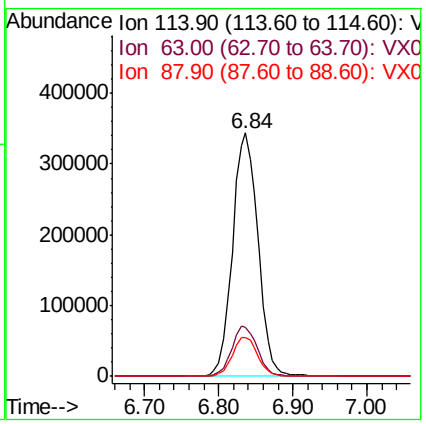


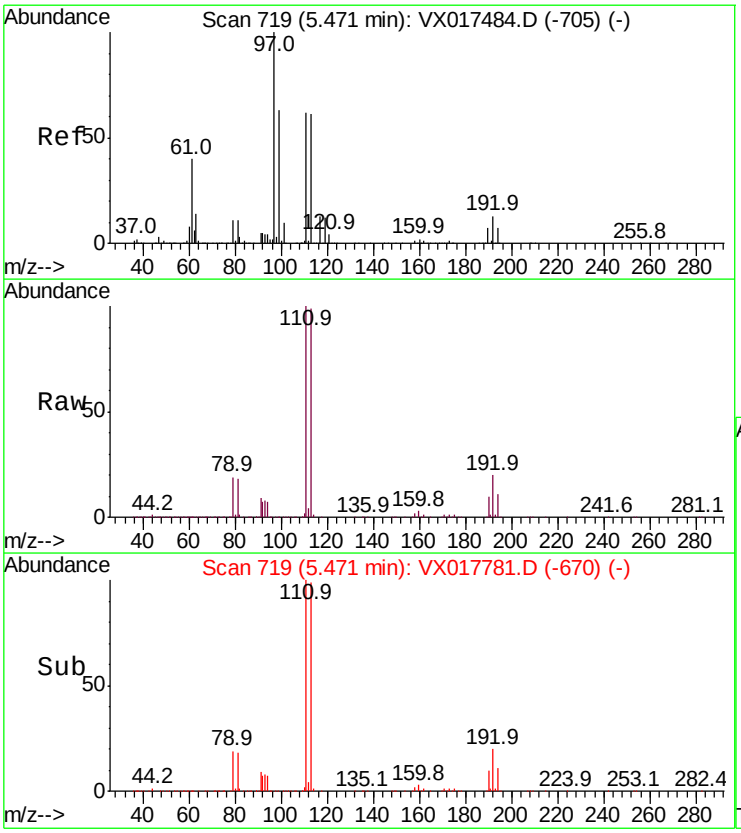
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion:114 Resp: 824678

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	16.2	0.0	33.4

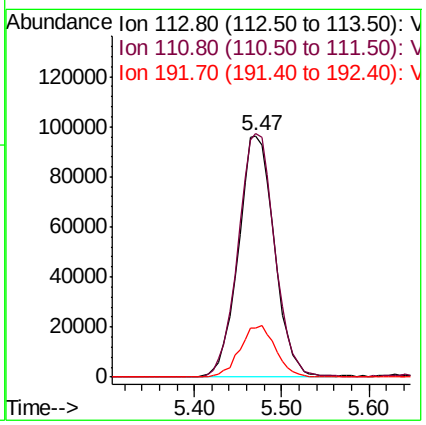


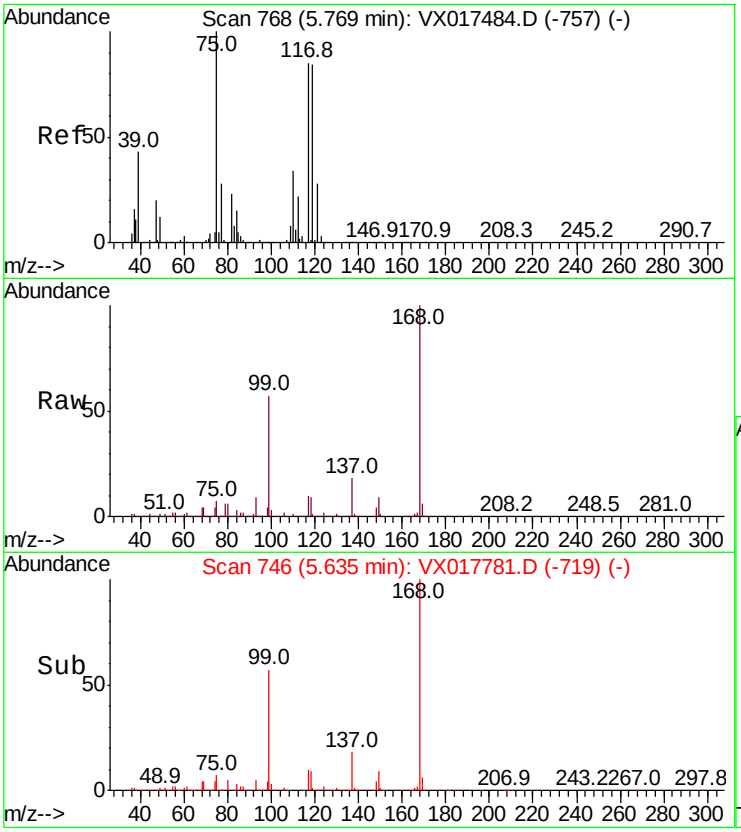


#35
Dibromofluoromethane
Concen: 49.931 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion:113 Resp: 275396

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	21.3	16.9	25.3



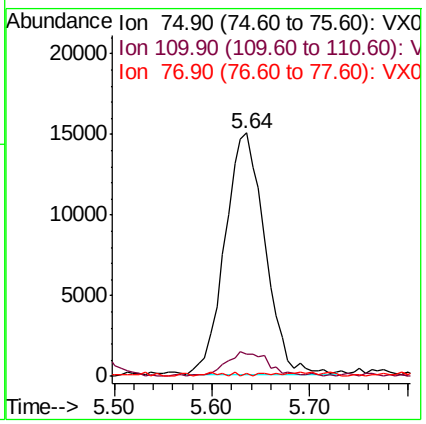


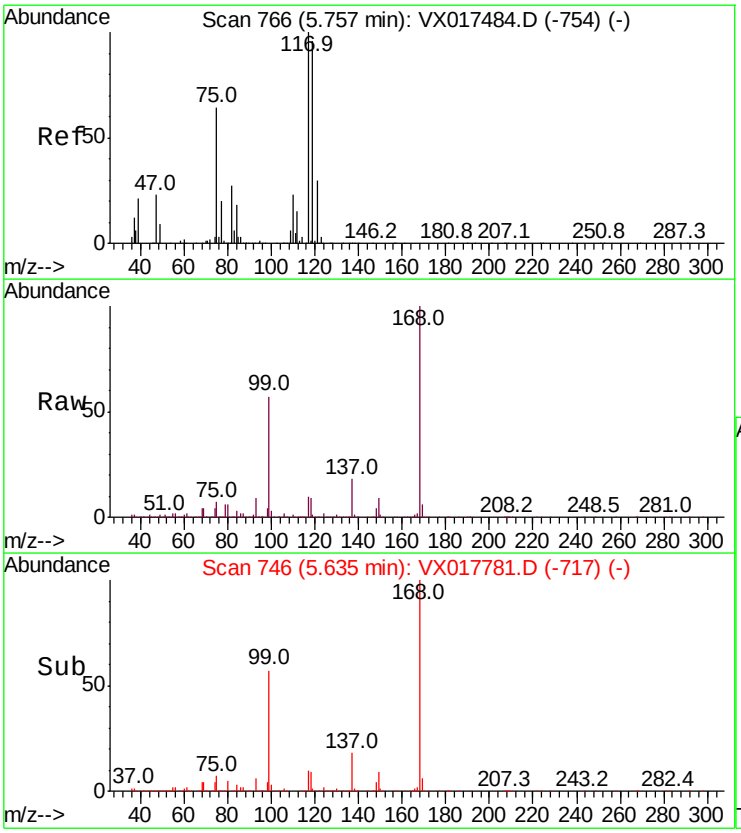
#36
1,1-Dichloropropene
Concen: 5.408 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 75 Resp: 42774

Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.3#
77	0.5	24.6	37.0#

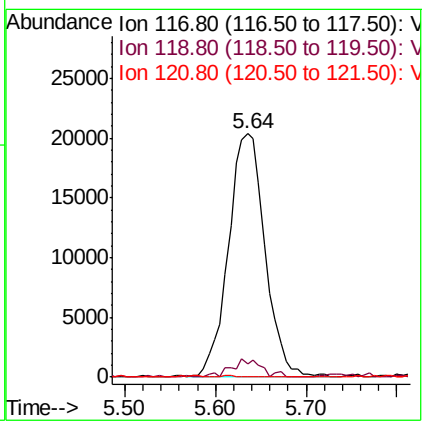


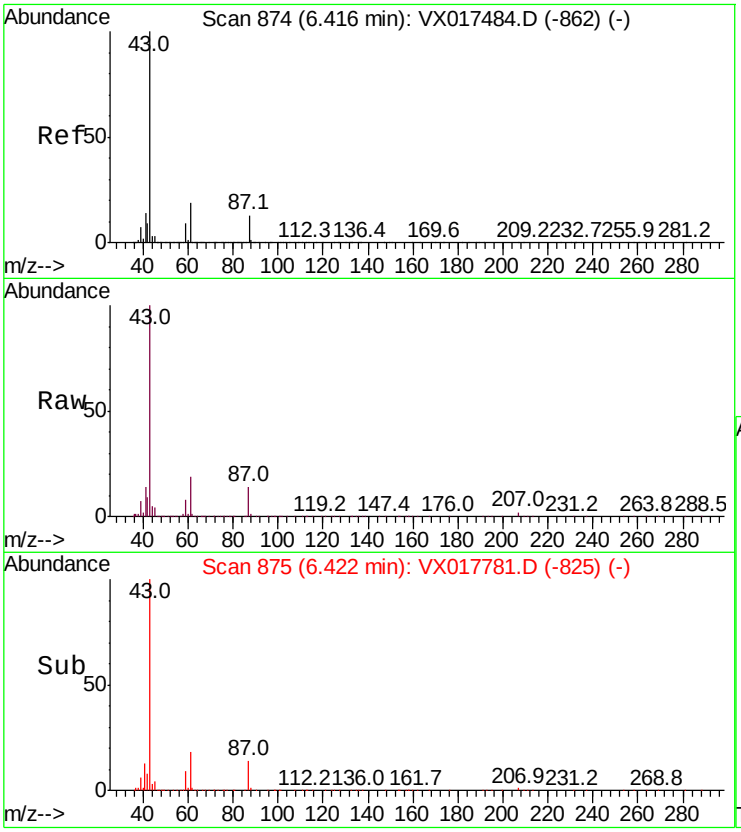


#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion:117 Resp: 56974

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.1	24.3	36.5#



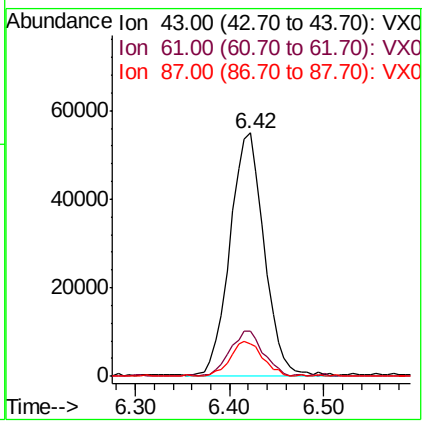


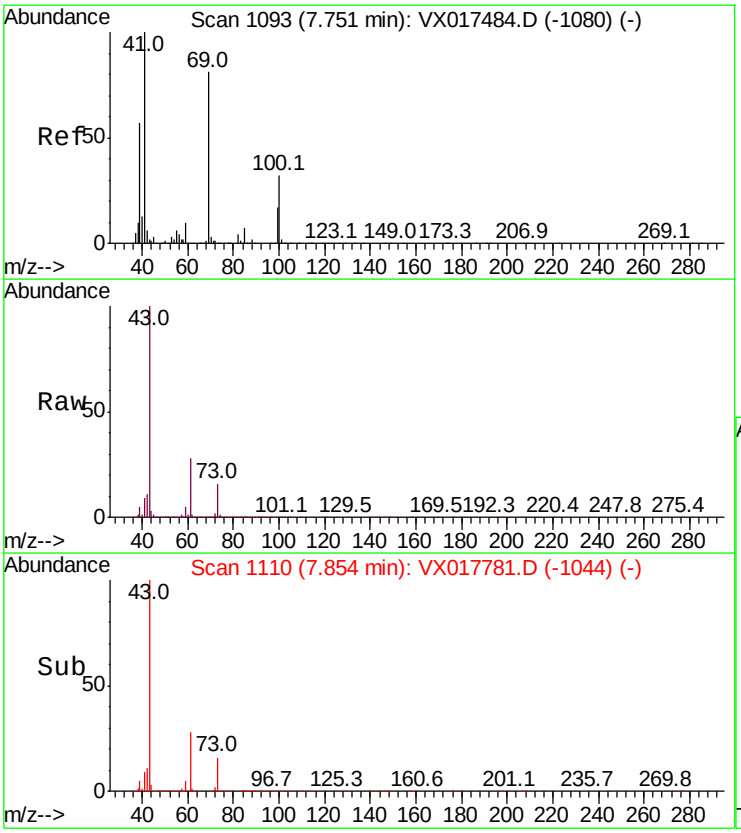
#43
Isopropyl Acetate
Concen: 9.673 ug/l
RT: 6.42 min Scan# 875
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 43 Resp: 138112

Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.5	23.3
87	13.5	10.5	15.7

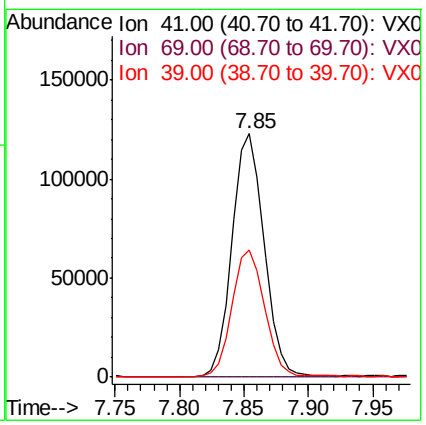


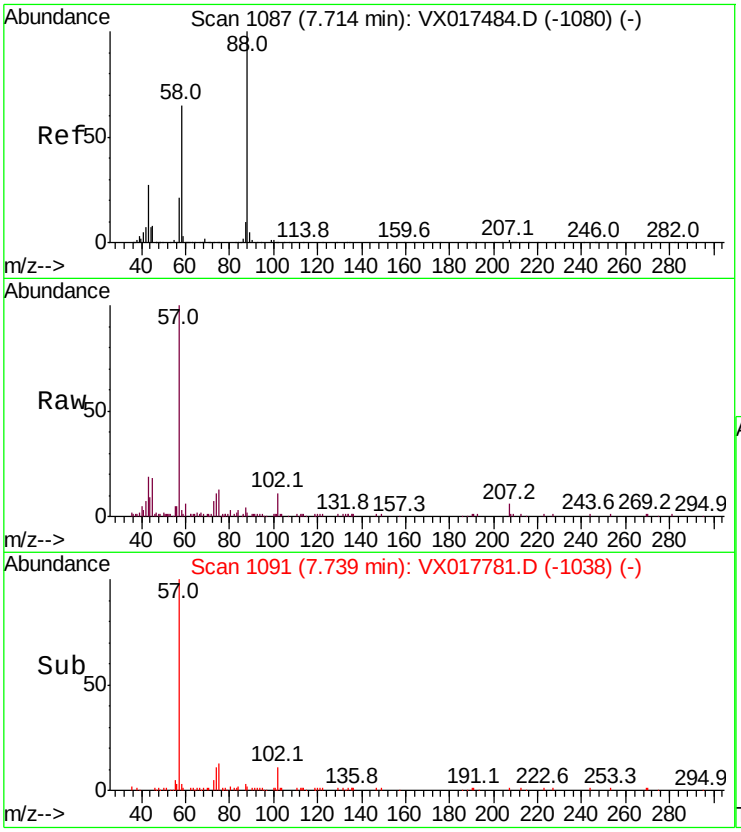


#48
Methyl methacrylate
Concen: 30.238 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 41 Resp: 214023

Ion	Ratio	Lower	Upper
41	100		
69	0.4	63.1	94.7#
39	52.5	45.1	67.7



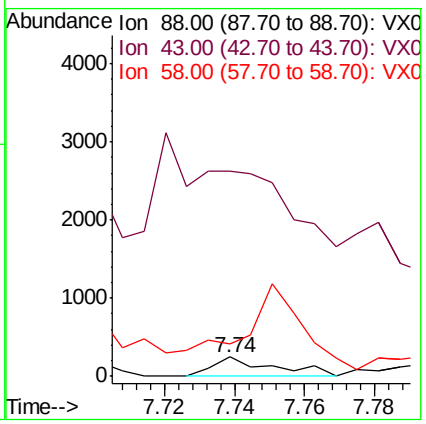


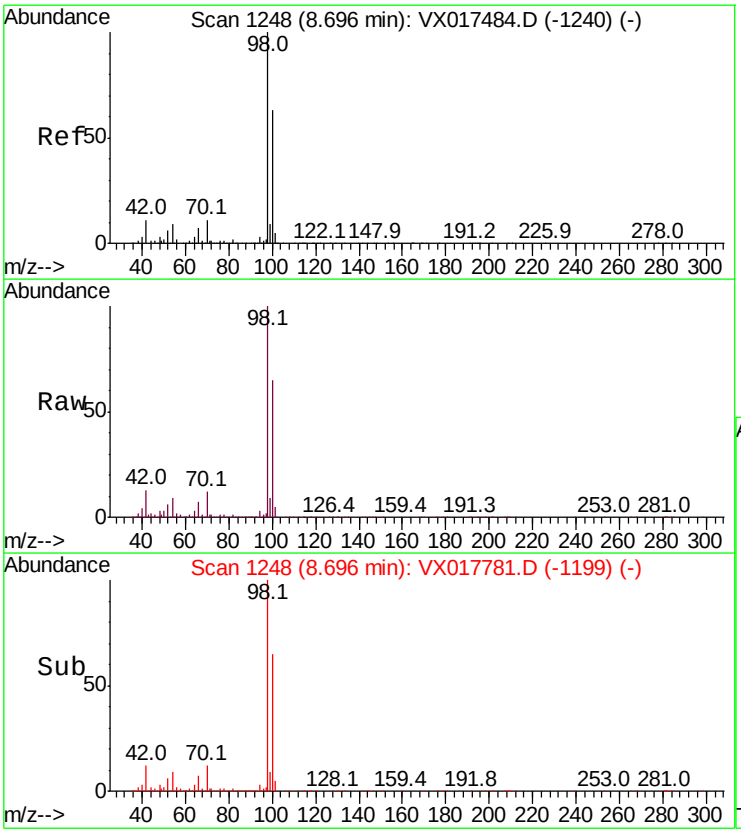
#49
1,4-Dioxane
Concen: 2.189 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 88 Resp: 297

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	462.3	58.3	87.5#

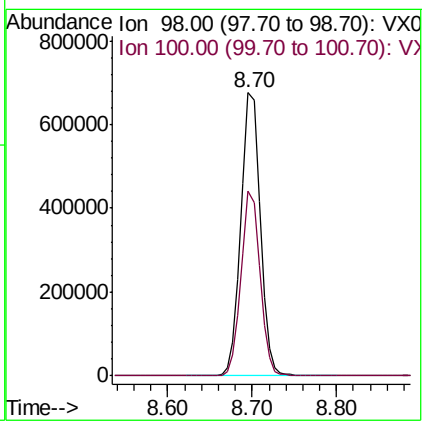


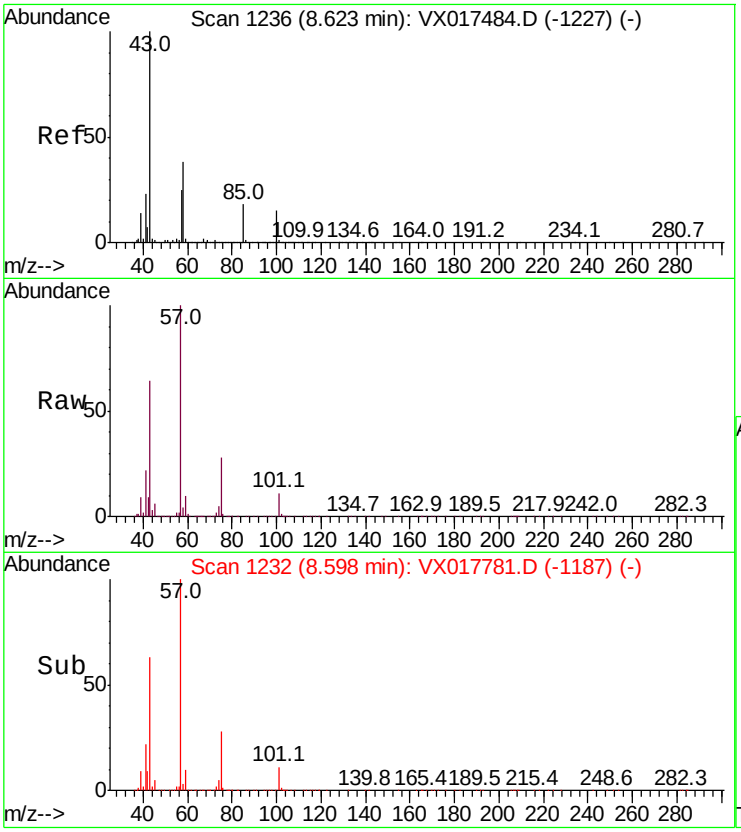


#50
Toluene-d8
Concen: 52.141 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 98 Resp: 1037453

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5



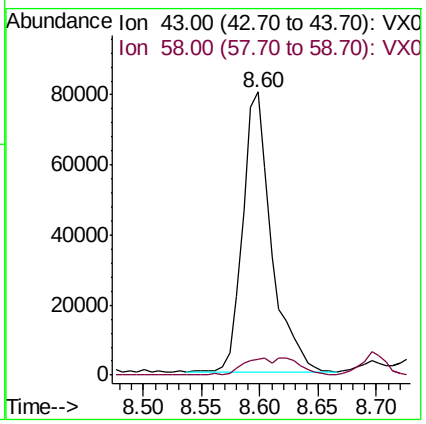


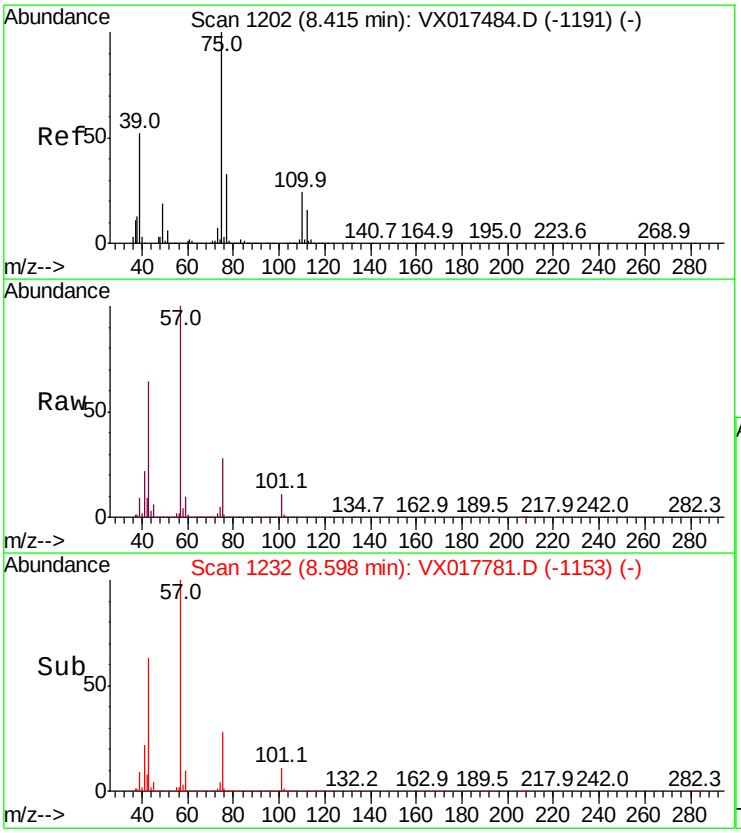
#51
4-Methyl-2-Pentanone
Concen: 16.110 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 43 Resp: 137248

Ion	Ratio	Lower	Upper
43	100		
58	5.9	31.0	46.4#

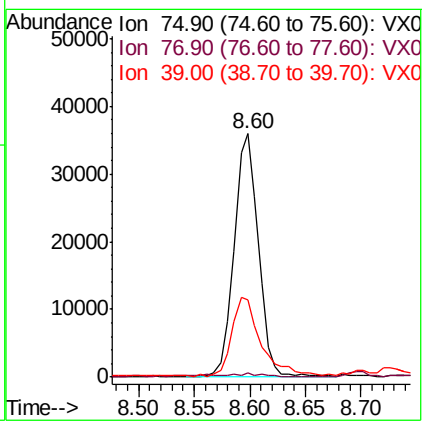


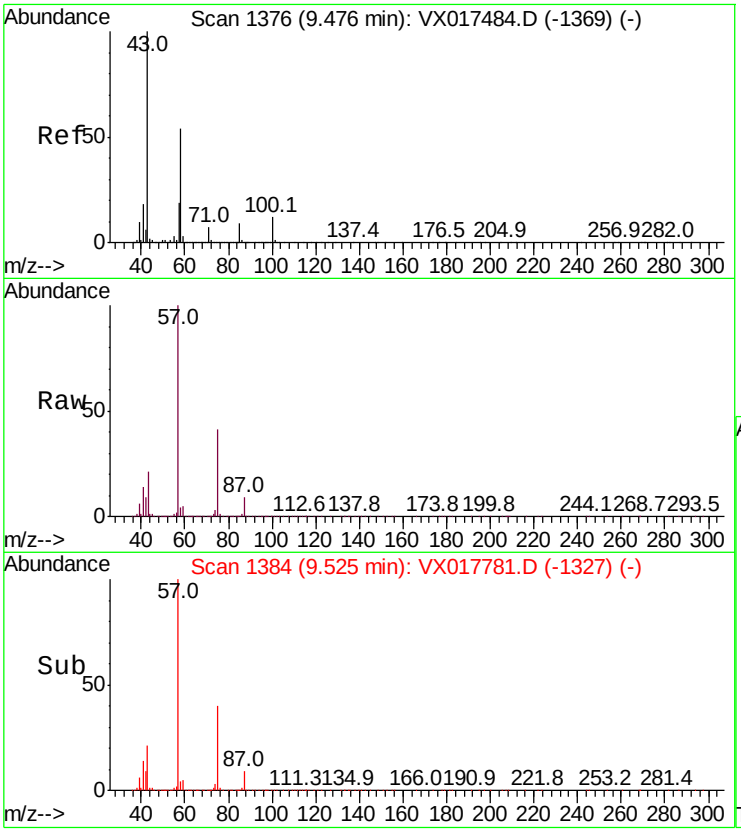


#54
cis-1,3-Dichloropropene
Concen: 5.266 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 75 Resp: 53749

Ion	Ratio	Lower	Upper
75	100		
77	1.6	25.5	38.3#
39	31.0	41.8	62.8#



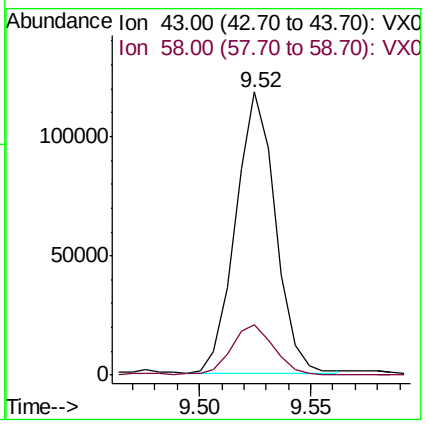


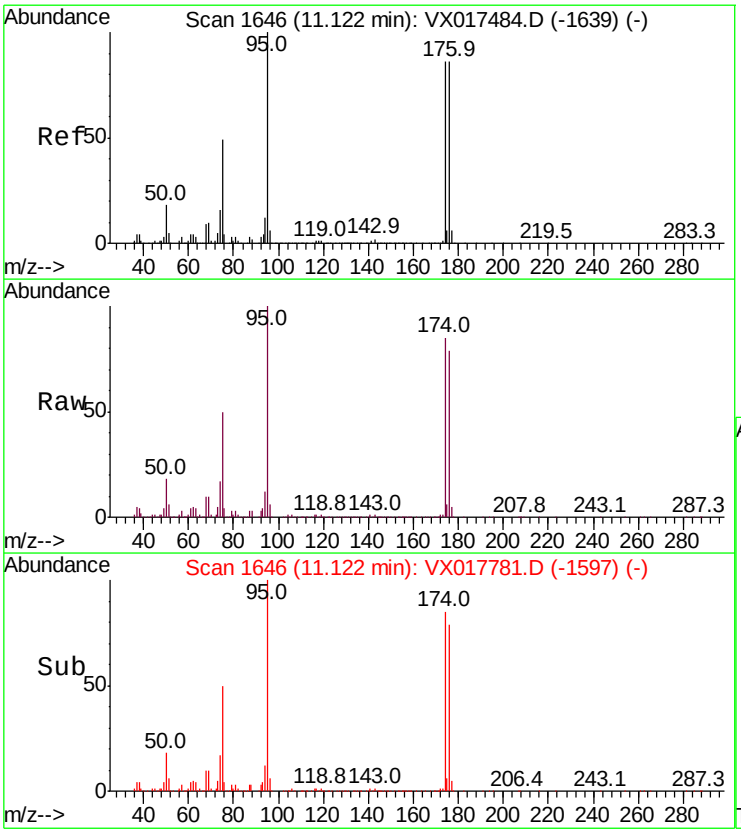
#59
2-Hexanone
Concen: 22.795 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 43 Resp: 146214

Ion	Ratio	Lower	Upper
43	100		
58	20.0	26.6	79.8#

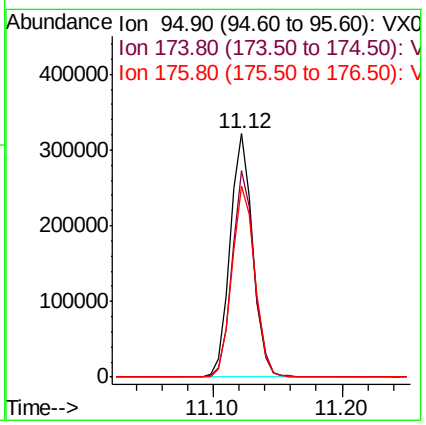


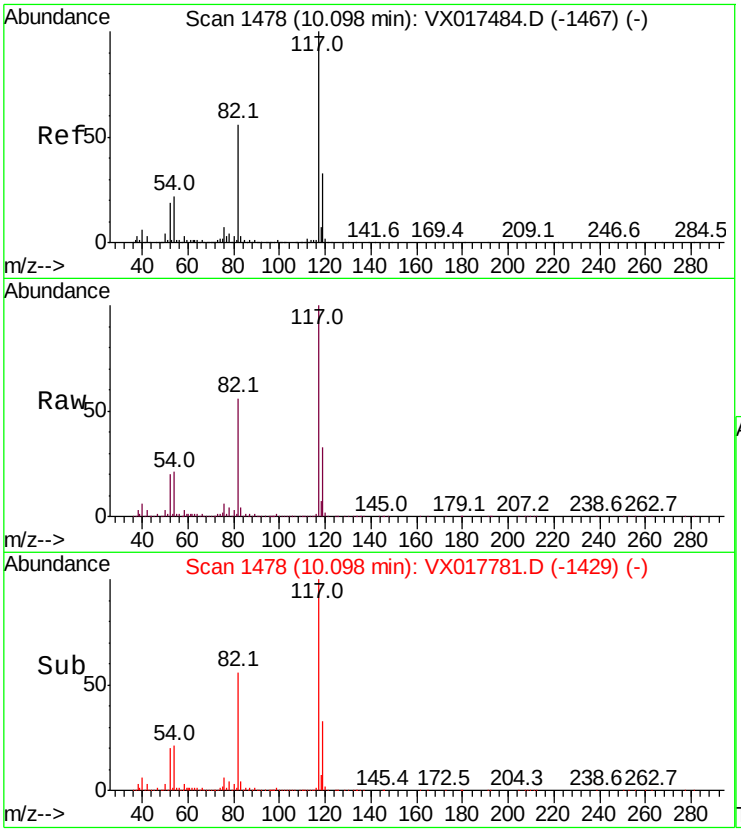


#62
4-Bromofluorobenzene
Concen: 49.447 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 95 Resp: 393734

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	169.0
176	79.7	0.0	161.0



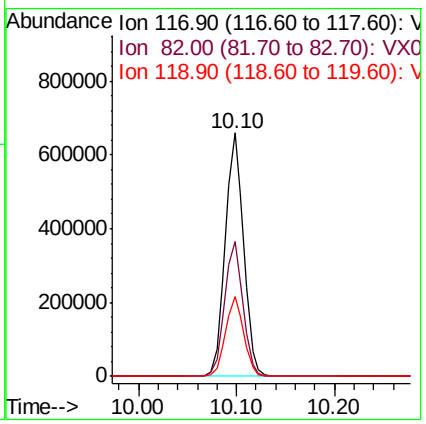


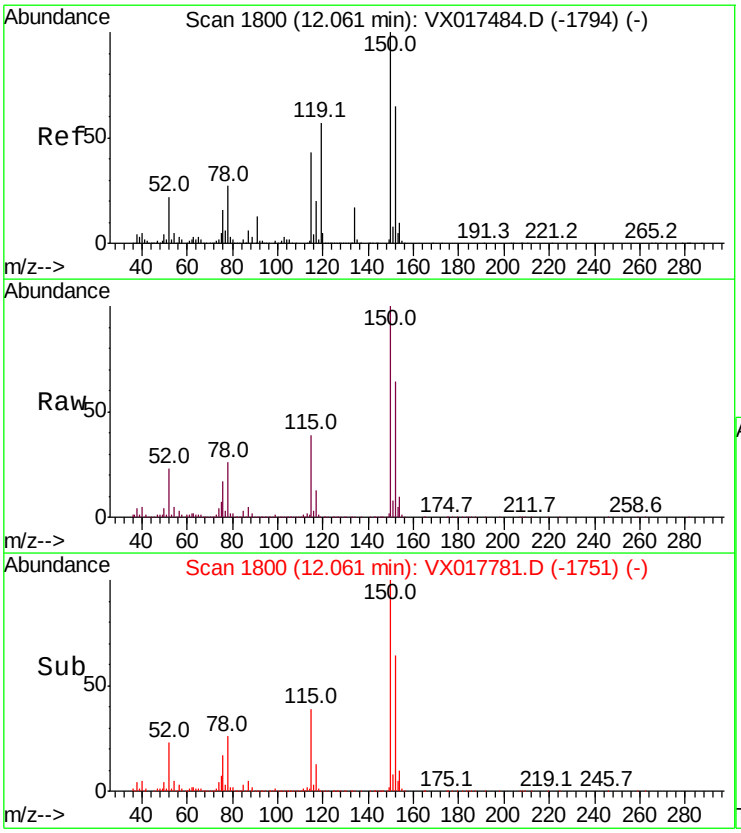
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion:117 Resp: 859782

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.0	66.0
119	32.8	25.4	38.0

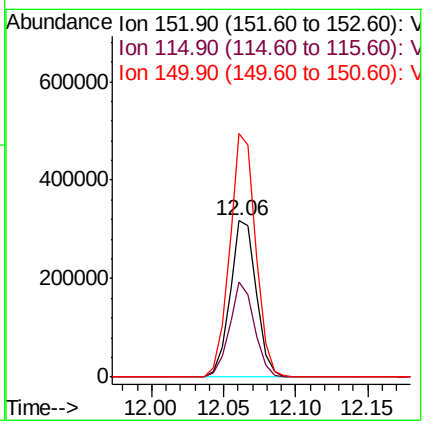


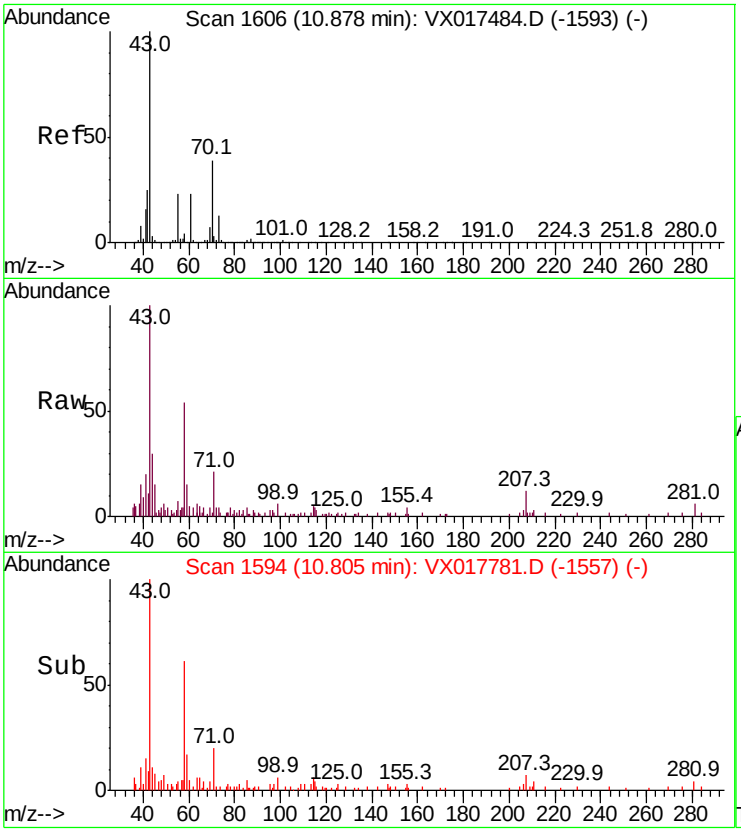


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion:152 Resp: 404257

Ion	Ratio	Lower	Upper
152	100		
115	58.4	65.5	196.6#
150	154.8	0.0	412.6



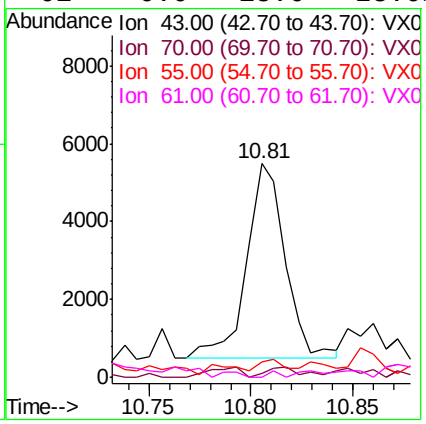


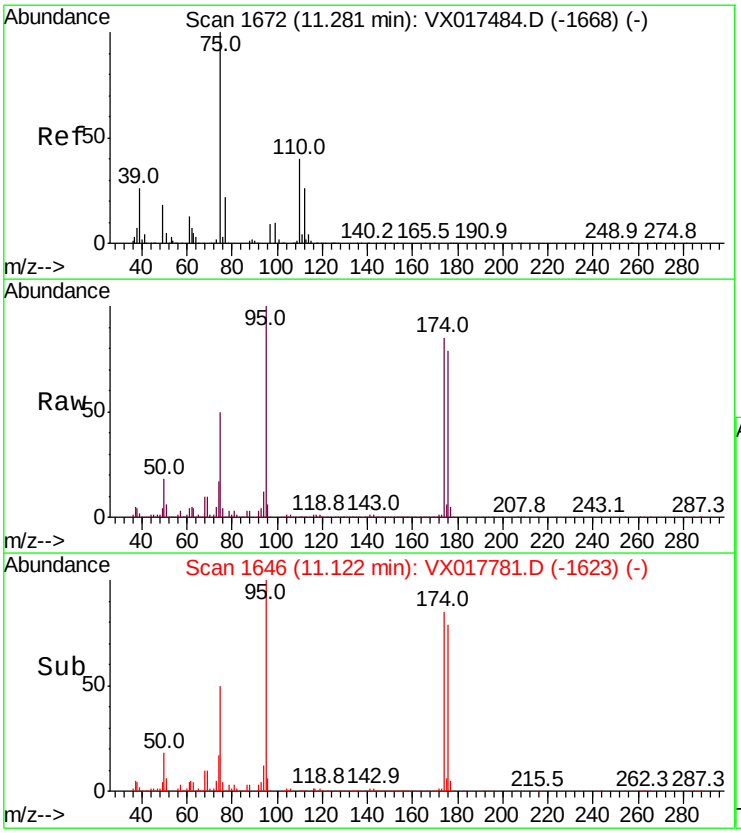
#74
N-amyl acetate
Concen: 0.539 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument : MSVOA_X
ClientSampleId : CRT-025

Tgt Ion: 43 Resp: 6644

Ion	Ratio	Lower	Upper
43	100		
70	4.8	32.3	48.5#
55	5.2	18.4	27.6#
61	0.0	18.6	28.0#

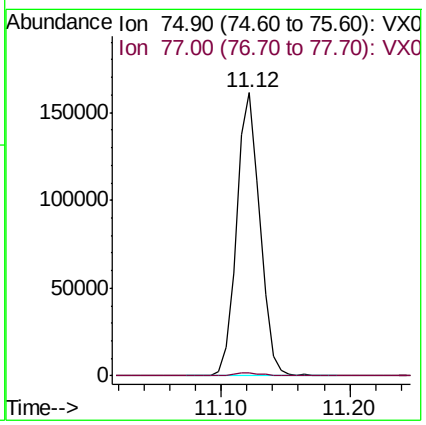


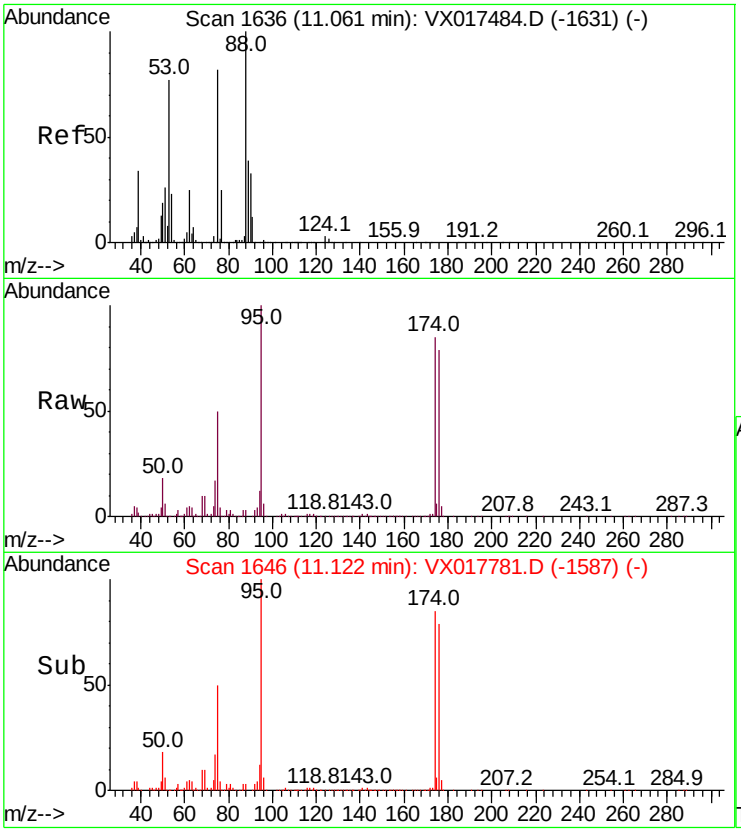


#76
1,2,3-Trichloropropane
Concen: 24.138 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 75 Resp: 200726

Ion	Ratio	Lower	Upper
75	100		
77	1.7	21.8	65.3#



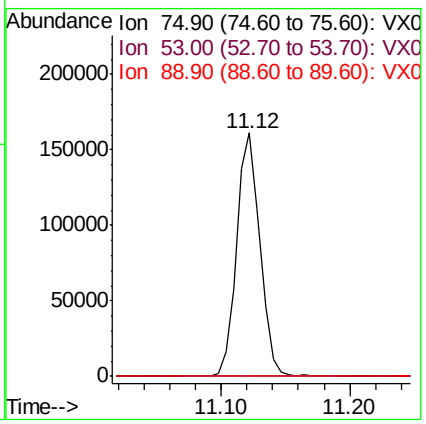


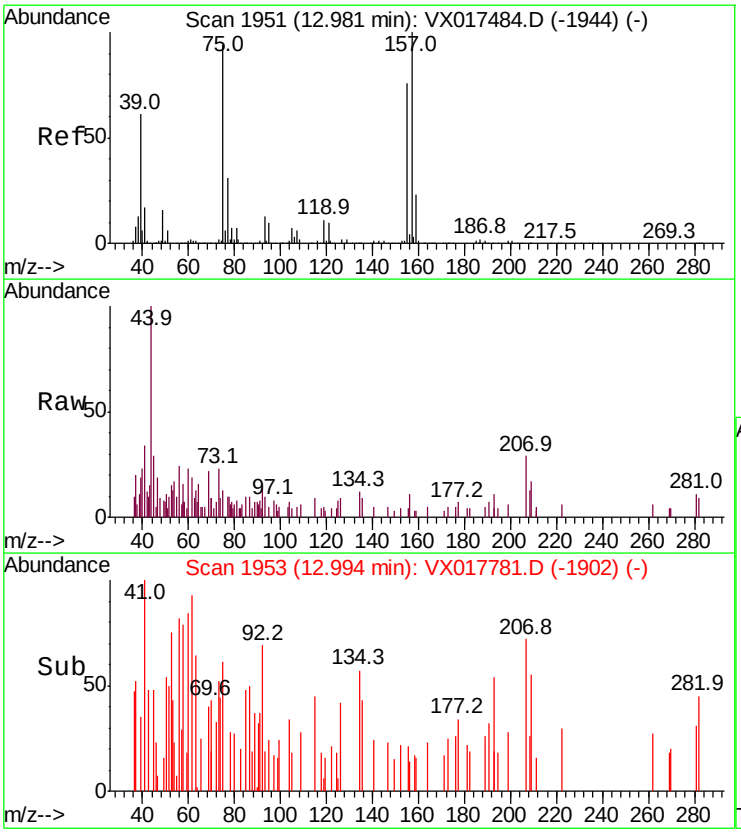
#81
trans-1,4-Dichloro-2-butene
Concen: 60.823 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
CRT-025

Tgt Ion: 75 Resp: 200726

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.0	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.605 ug/l
RT: 12.99 min Scan# 1953
Delta R.T. 0.01 min
Lab File: VX017781.D
Acq: 04 Aug 2020 19:37

Tgt Ion: 75 Resp: 74

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	0.0	54.3	162.9#