Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017780.D
Acq On : 04 Aug 2020 19:14
Operator : JC/SP
Sample : L3548-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 05 01:52:17 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	578905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	890887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	394762	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.18%			
35) Dibromofluoromethane	5.47	113	303435	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.86%			
50) Toluene-d8	8.70	98	1097957	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	11.12	95	381957	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.17	85	217	Below Cal	#	47
3) Chloromethane	1.33	50	607	0.451	ug/l #	59
5) Bromomethane	1.64	94	276	Below Cal		83
6) Chloroethane	1.70	64	349	Below Cal		92
8) Diethyl Ether	2.17	74	1406	Below Cal		86
11) Tert butyl alcohol	3.01	59	2909	1.856	ug/l	98
13) Acrolein	2.29	56	369	4.452	ug/l #	6
16) Acetone	2.42	43	58991	18.024	ug/l	92
18) Methyl Acetate	2.75	43	10199	1.323	ug/l #	83
20) Methylene Chloride	2.84	84	25868	2.989	ug/l #	93
25) 2-Butanone	4.64	43	9838	2.116	ug/l #	86
29) Tetrahydrofuran	5.10	42	1244	0.432	ug/l #	89
36) 1,1-Dichloropropene	5.63	75	43845	5.131	ug/l #	52
38) Carbon Tetrachloride	5.64	117	61860	5.962	ug/l #	17
43) Isopropyl Acetate	6.42	43	148172	9.606	ug/l	98
44) Trichloroethene	7.20	130	1519	0.212	ug/l	51
48) Methyl methacrylate	7.85	41	238739	31.224	ug/l #	46
49) 1,4-Dioxane	7.70	88	203	1.385	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	142808	15.517	ug/l #	48
54) cis-1,3-Dichloropropene	8.60	75	58554	5.311	ug/l #	60
59) 2-Hexanone	9.52	43	136112	19.643	ug/l #	51
74) N-amyl acetate	10.81	43	5782	0.474	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	198849	24.154	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	198849	60.863	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	246	2.673	ug/l #	61

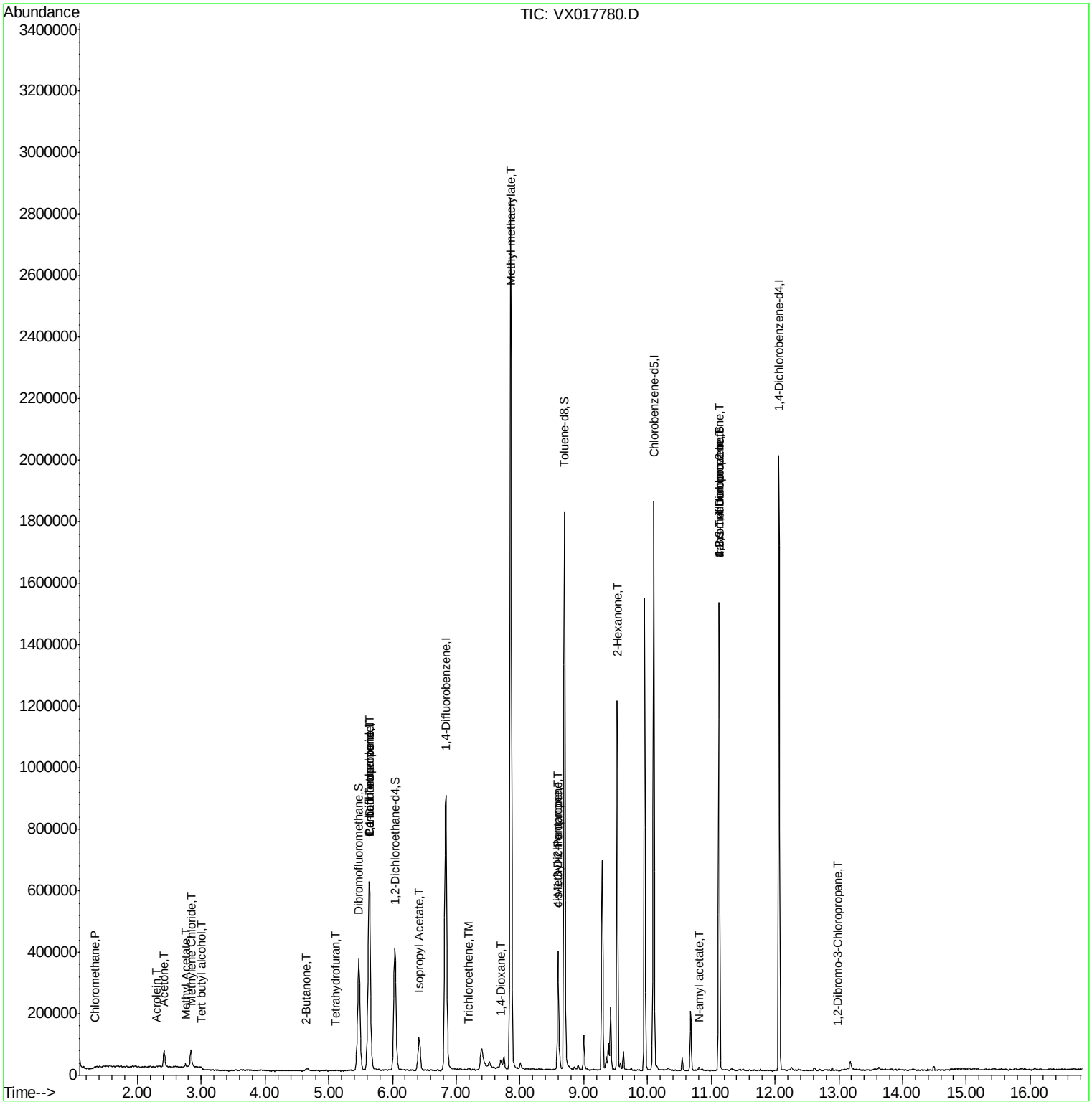
(#) = qualifier out of range (m) = manual integration (+) = signals summed

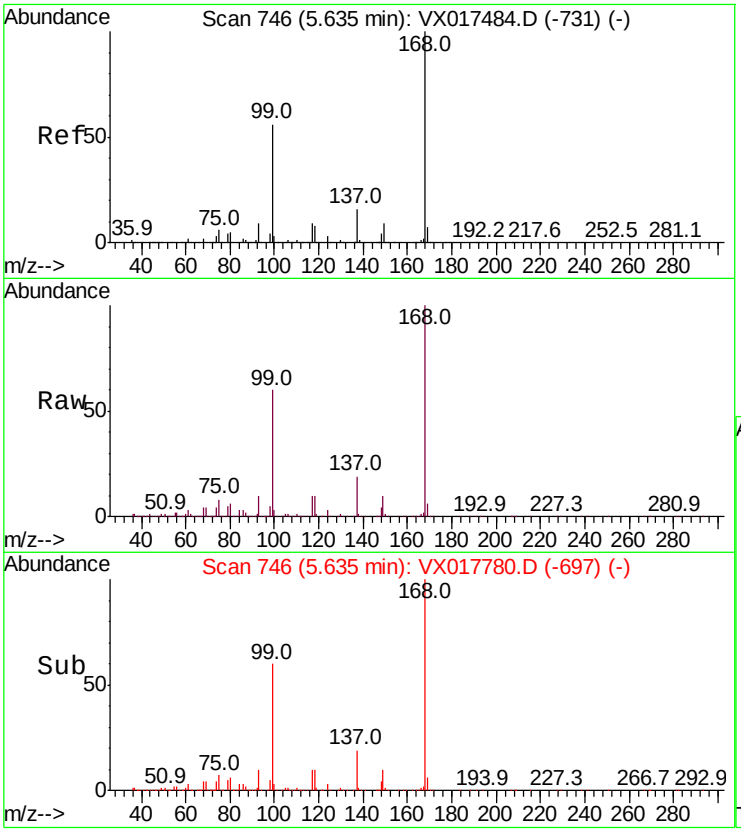
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017780.D
Acq On : 04 Aug 2020 19:14
Operator : JC/SP
Sample : L3548-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 05 01:52:17 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



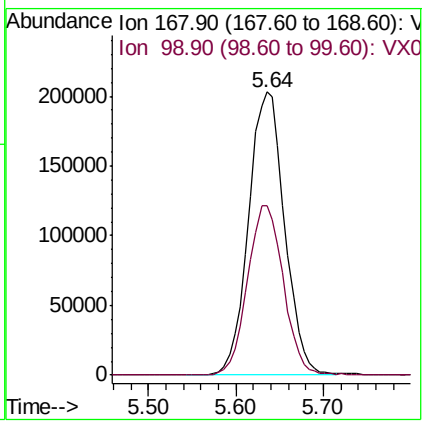


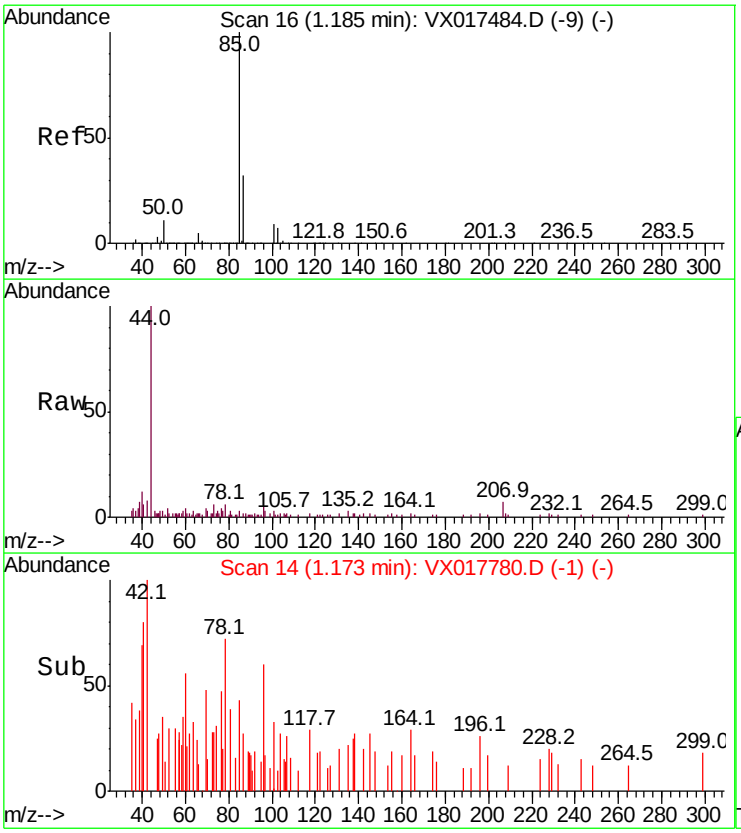
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 578905

Ion	Ratio	Lower	Upper
168	100		
99	59.8	43.4	65.2

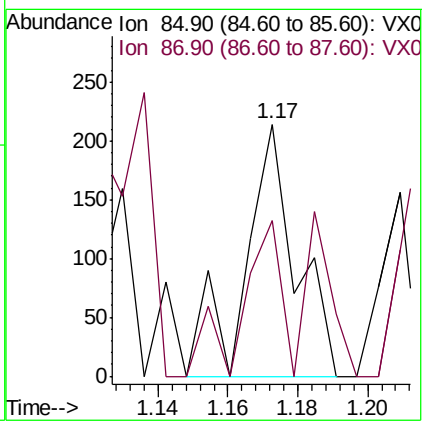


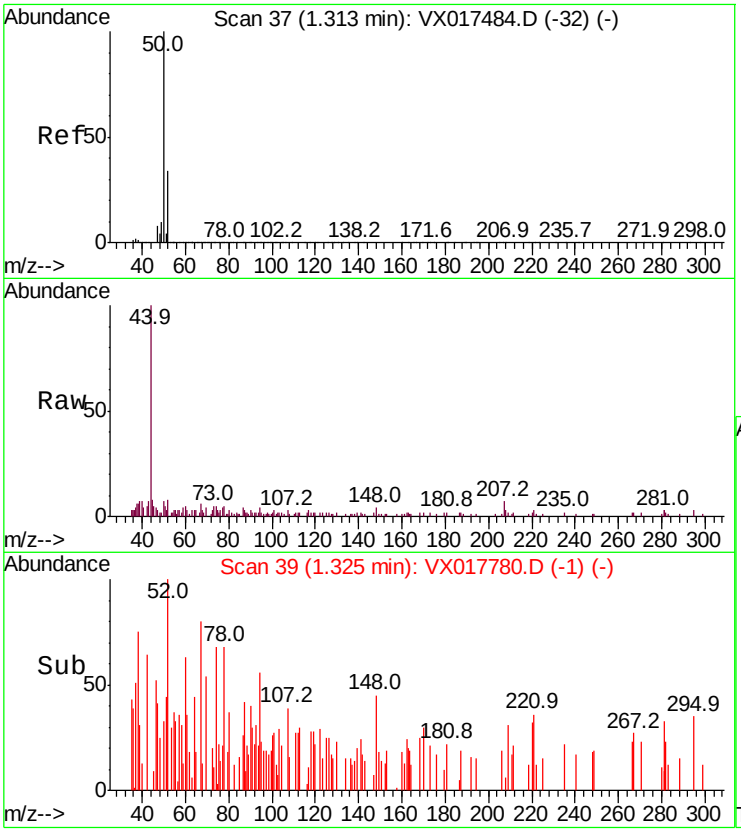


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.17 min Scan# 14
Delta R.T. -0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 85 Resp: 217

Ion	Ratio	Lower	Upper
85	100		
87	61.7	16.1	48.3#



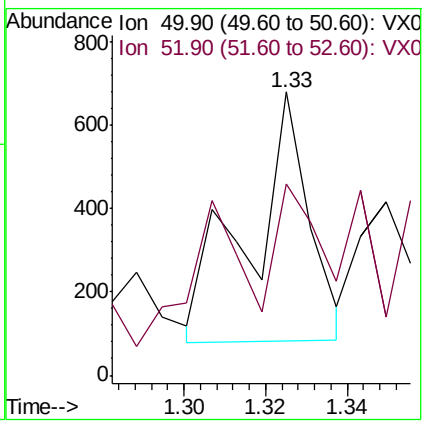


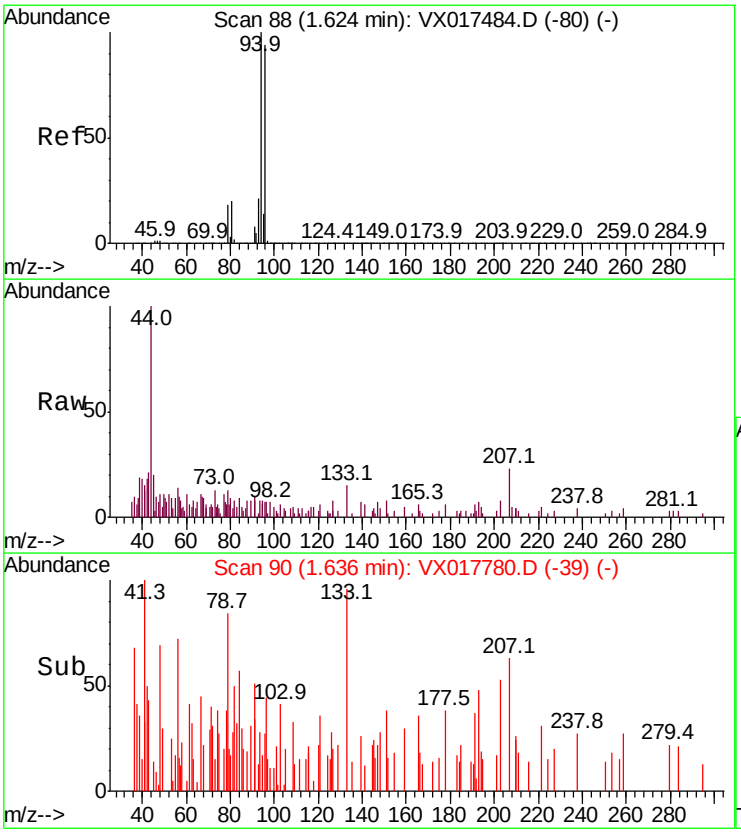
#3
Chloromethane
Concen: 0.451 ug/l
RT: 1.33 min Scan# 39
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 607

Ion	Ratio	Lower	Upper
50	100		
52	55.5	25.9	38.9#

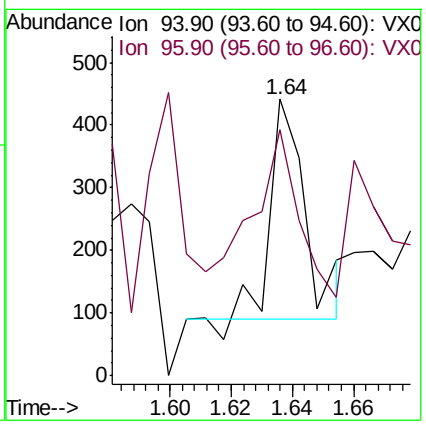


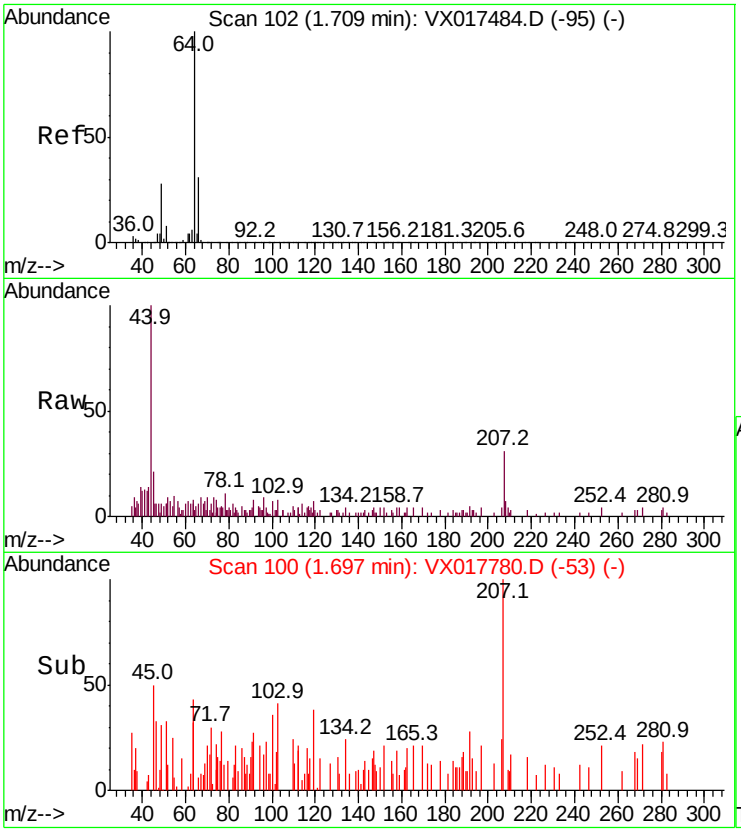


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 94 Resp: 276

Ion	Ratio	Lower	Upper
94	100		
96	76.4	74.1	111.1



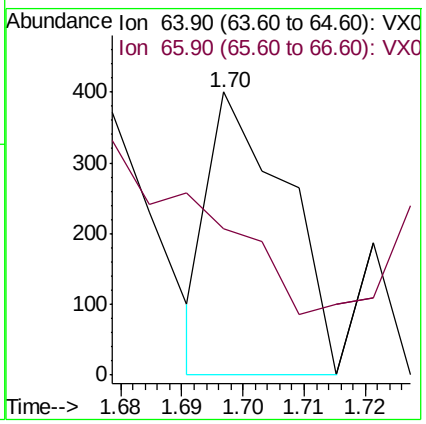


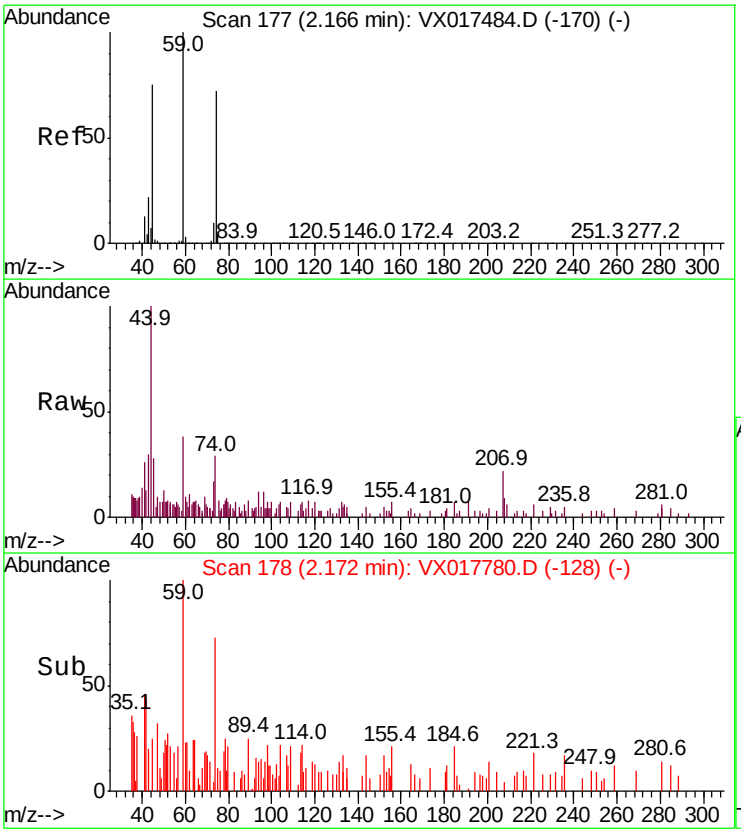
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. -0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 349

Ion	Ratio	Lower	Upper
64	100		
66	26.5	24.9	37.3

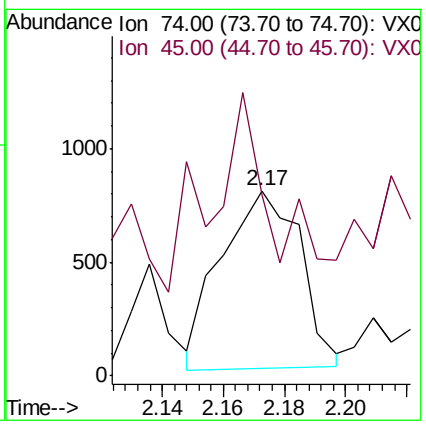


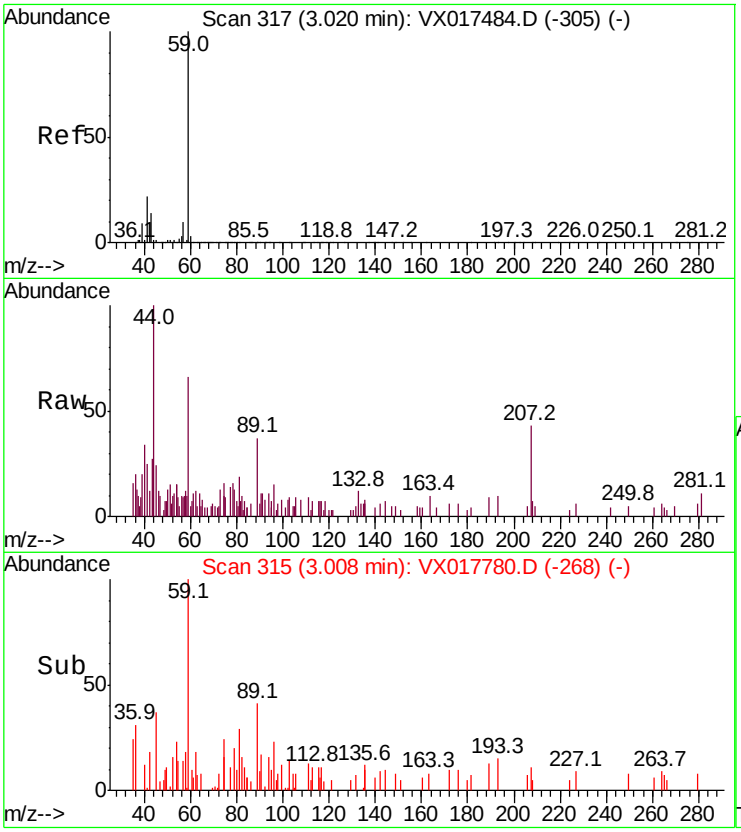


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 74 Resp: 1406

Ion	Ratio	Lower	Upper
74	100		
45	88.0	50.8	152.5



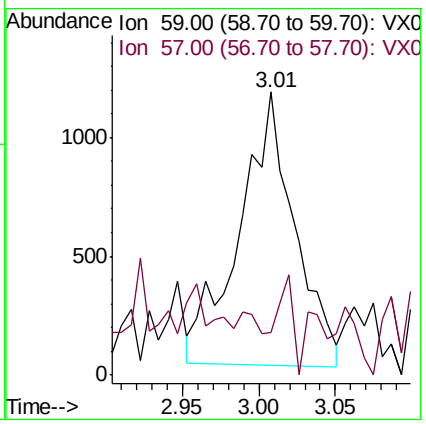


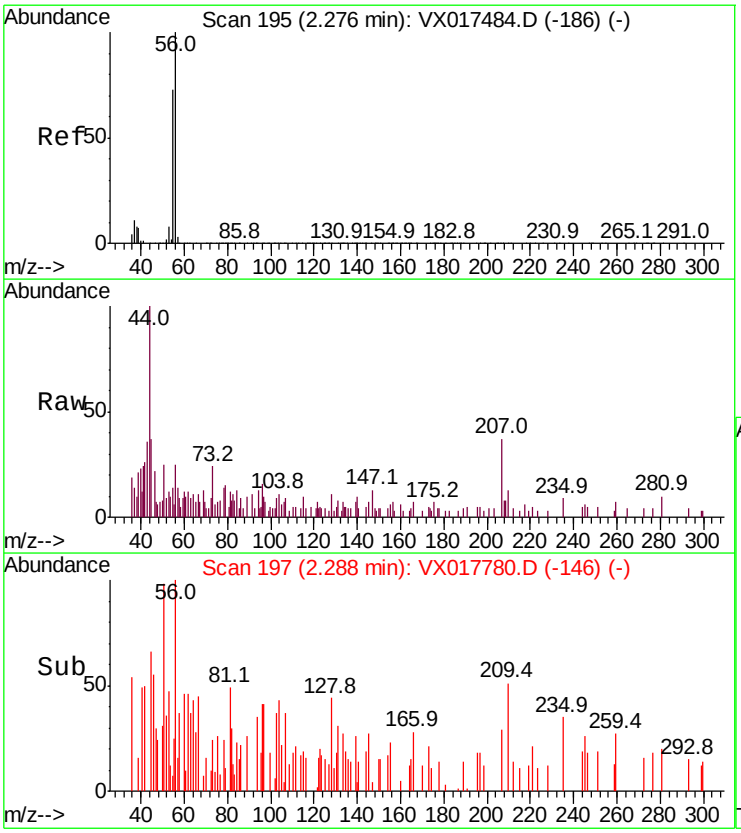
#11
Tert butyl alcohol
Concen: 1.856 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2909

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.6	12.8

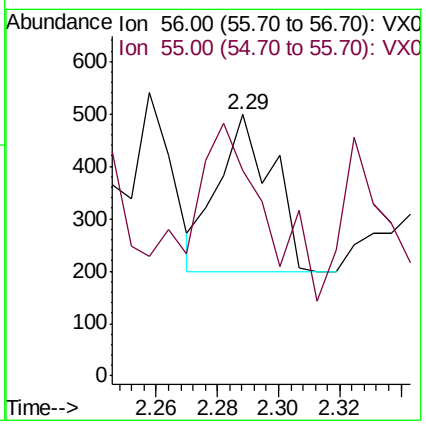


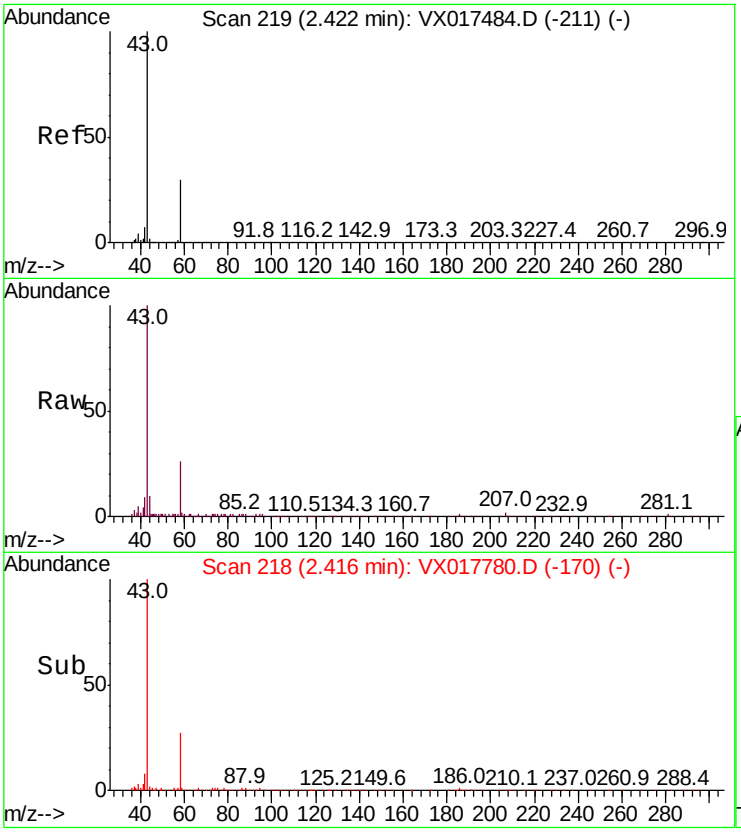


#13
Acrolein
Concen: 4.452 ug/l
RT: 2.29 min Scan# 197
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 56 Resp: 369

Ion	Ratio	Lower	Upper
56	100		
55	149.9	57.4	86.2#



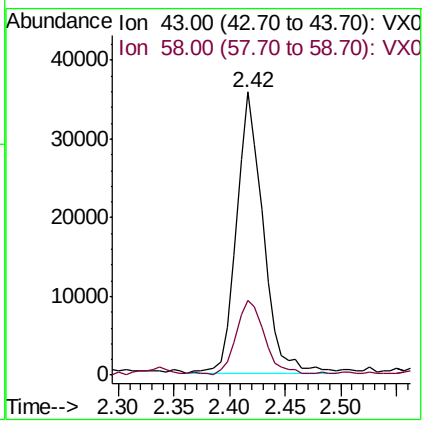


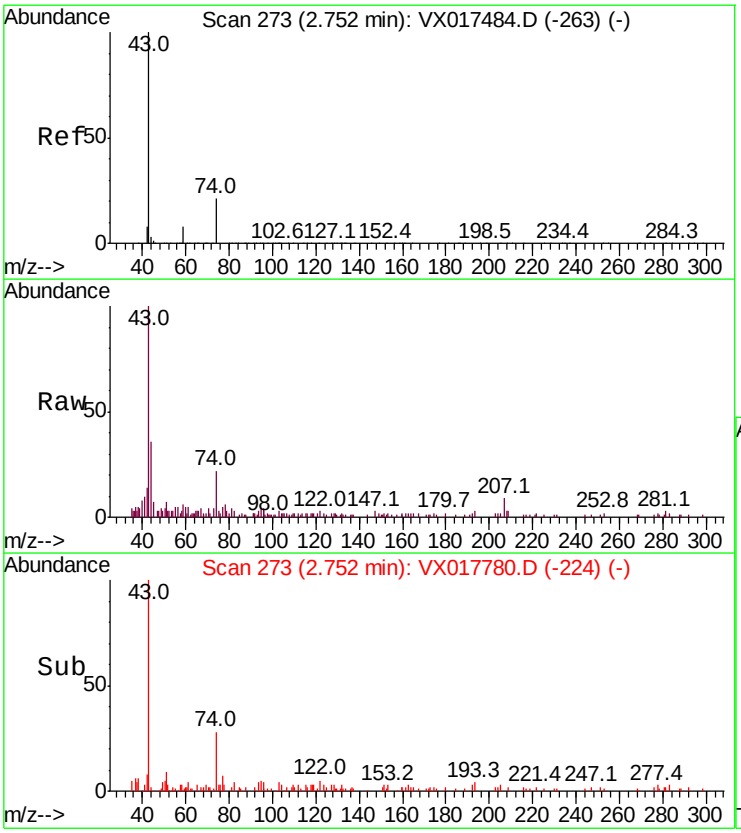
#16
Acetone
Concen: 18.024 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 58991

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.2	36.4

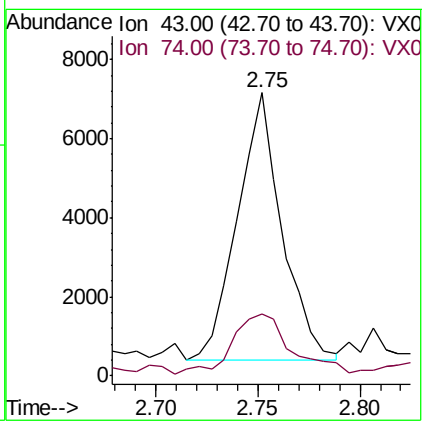


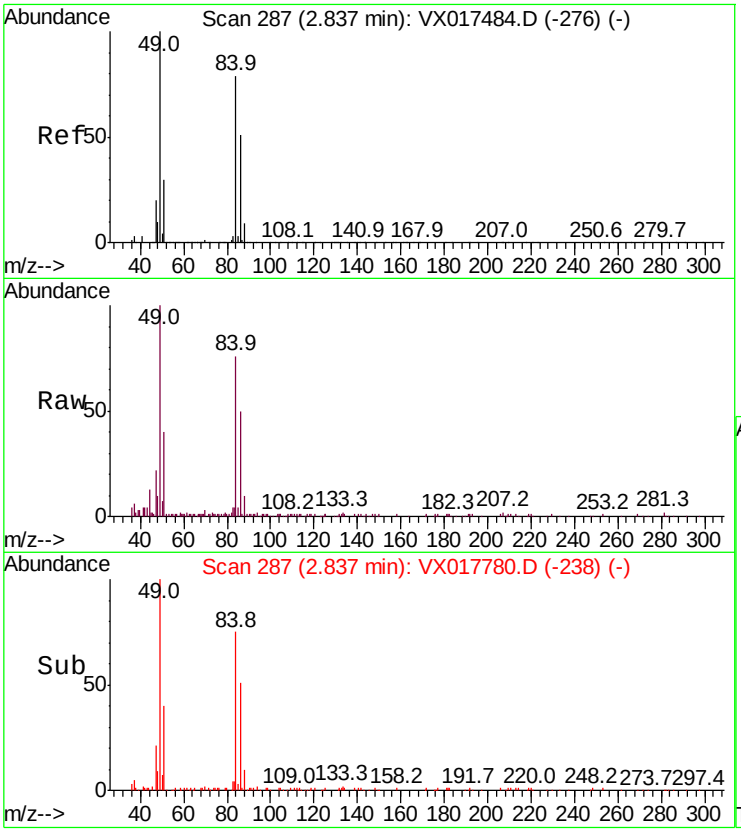


#18
Methyl Acetate
Concen: 1.323 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 43 Resp: 10199

Ion	Ratio	Lower	Upper
43	100		
74	29.9	17.5	26.3#



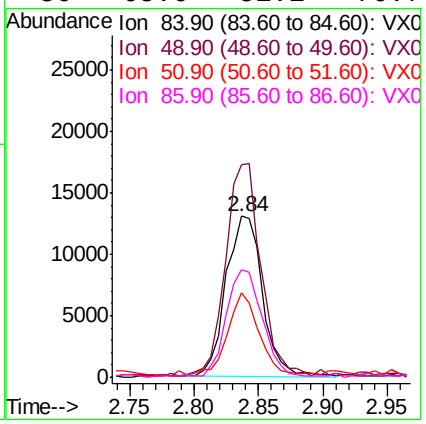


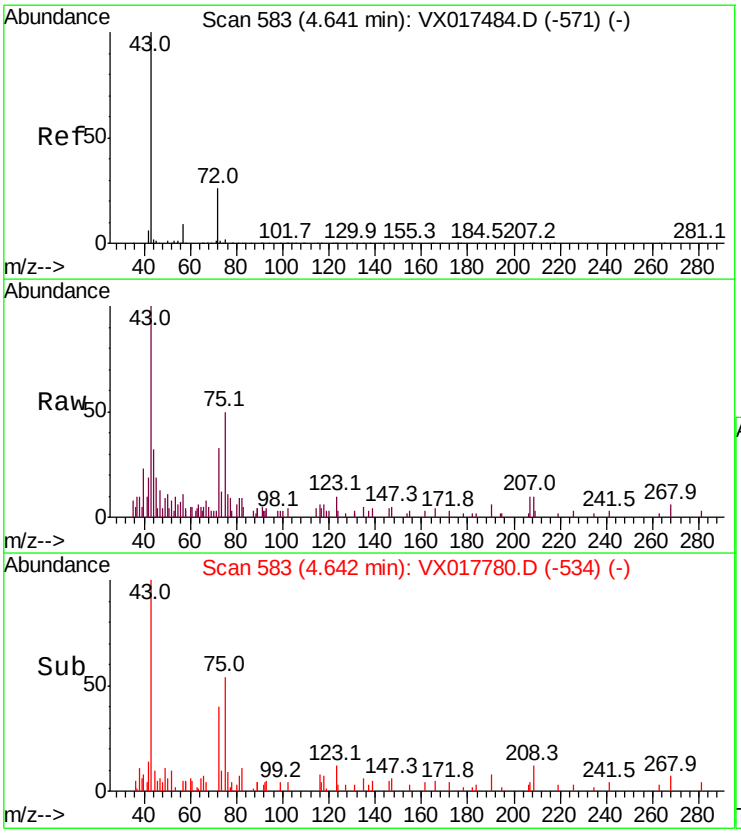
#20
Methylene Chloride
Concen: 2.989 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 25868

Ion	Ratio	Lower	Upper
84	100		
49	131.5	100.3	150.5
51	50.9	30.5	45.7#
86	65.6	51.1	76.7

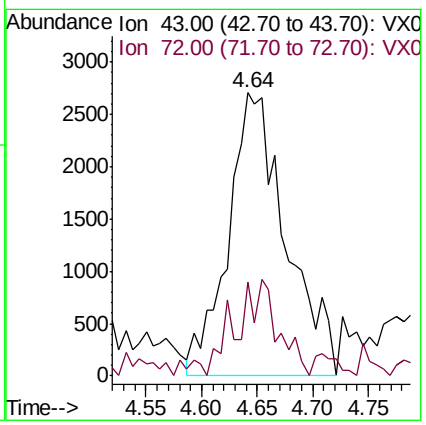


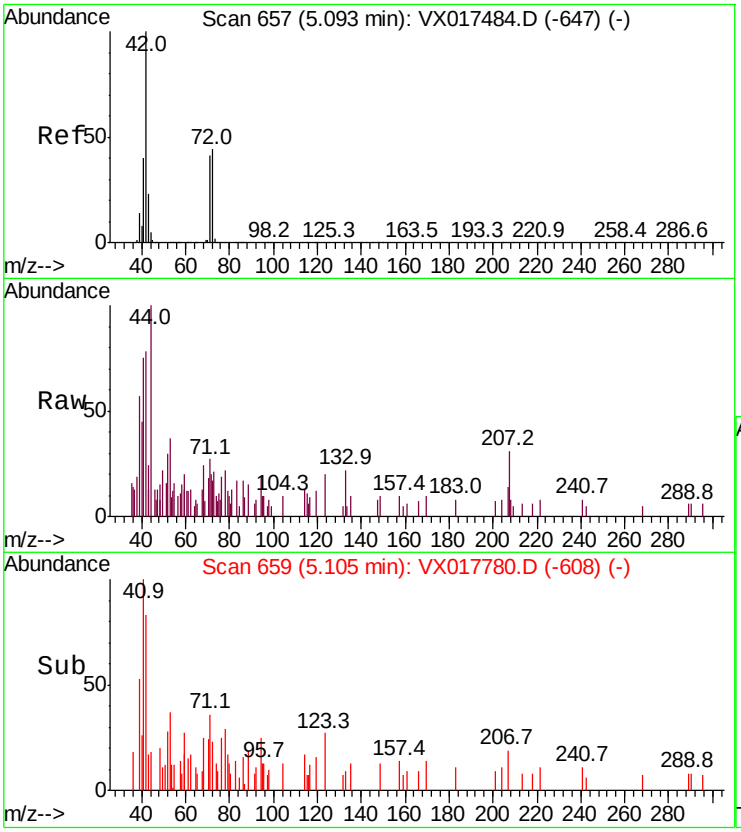


#25
2-Butanone
Concen: 2.116 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 43 Resp: 9838

Ion	Ratio	Lower	Upper
43	100		
72	30.7	19.0	28.4#



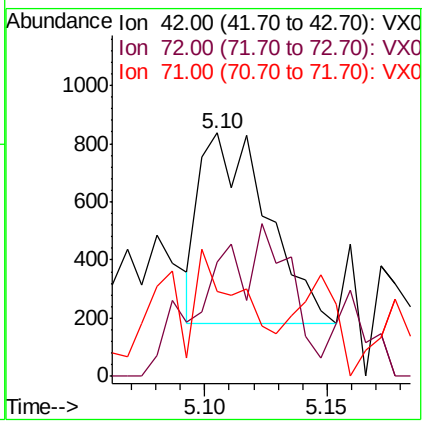


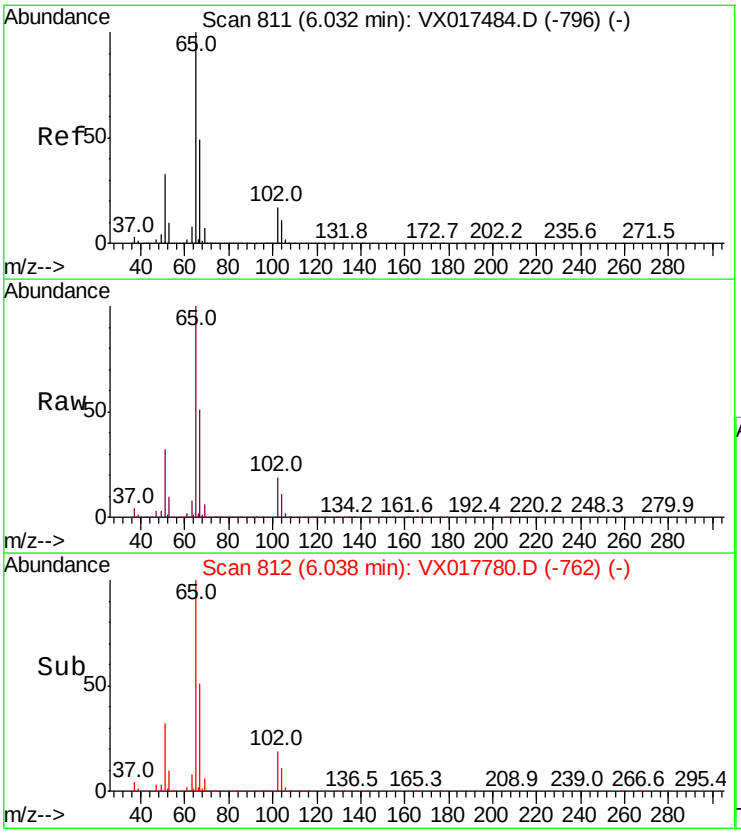
#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1244

Ion	Ratio	Lower	Upper
42	100		
72	54.3	35.5	53.3#
71	37.1	33.0	49.4

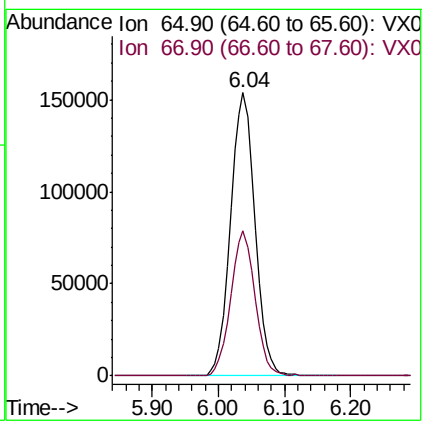


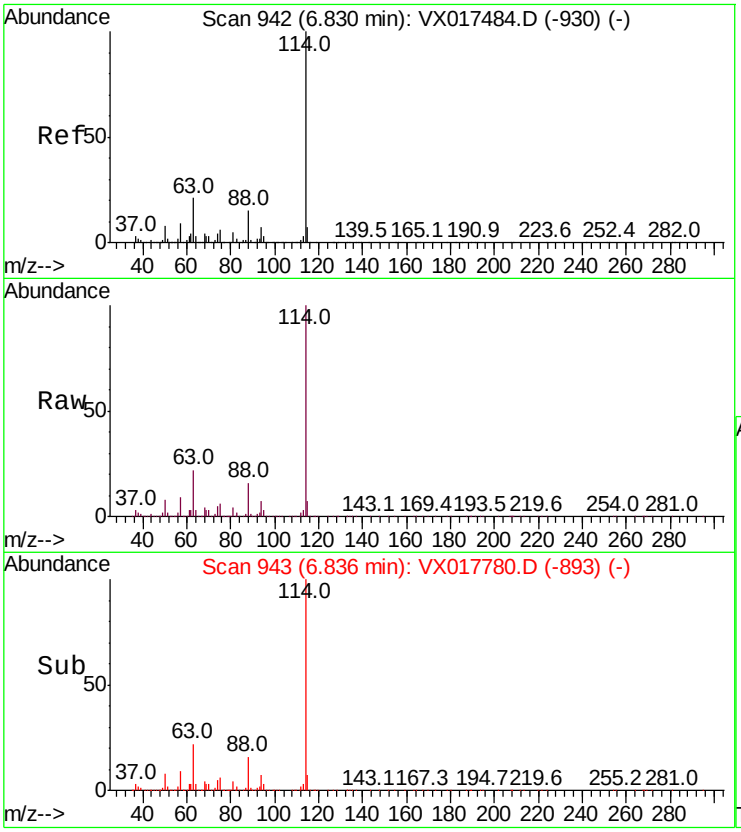


#33
1,2-Dichloroethane-d4
Concen: 53.086 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 65 Resp: 394762

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.8



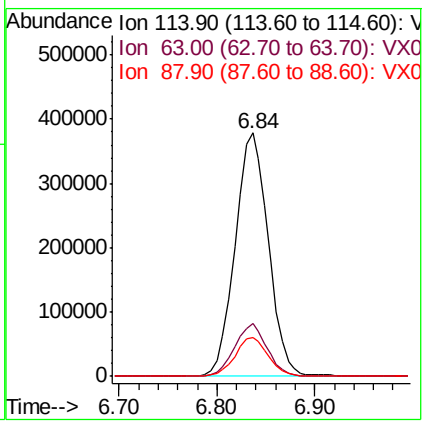


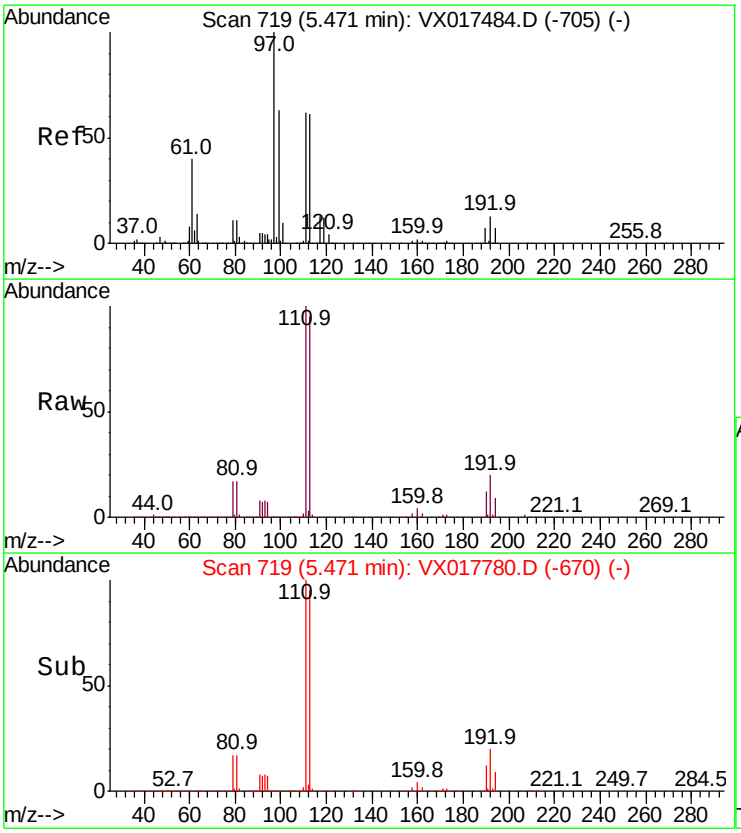
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 890887

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	40.6
88	15.9	0.0	33.4

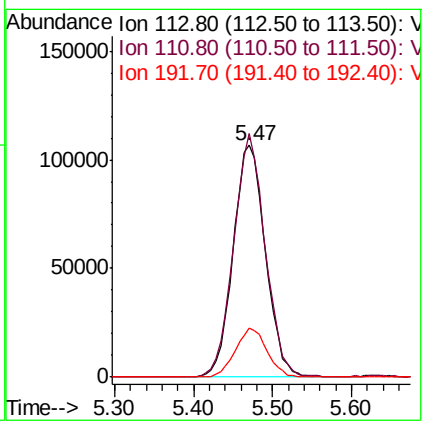


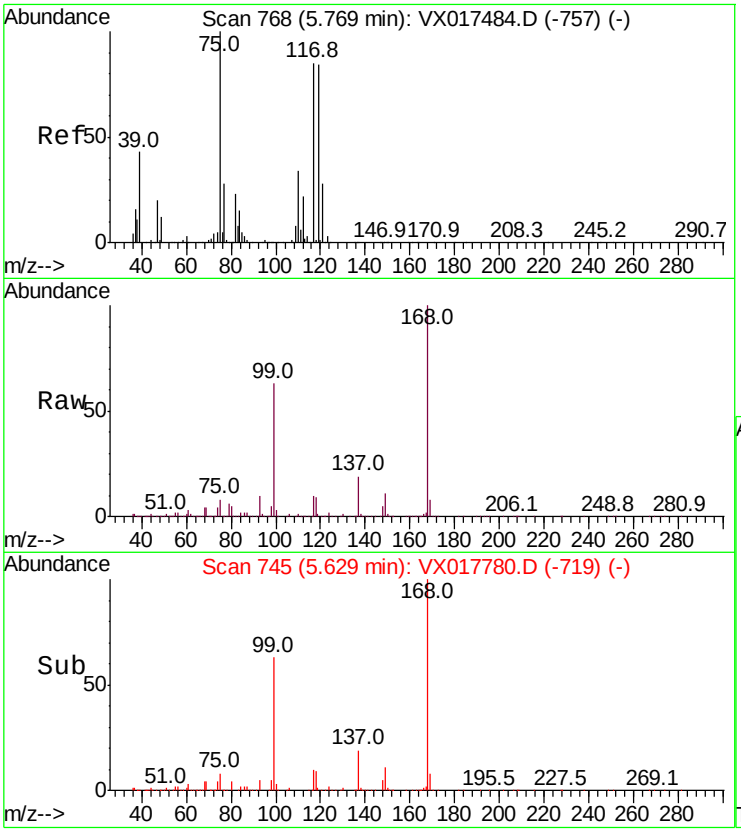


#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion:113 Resp: 303435

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	20.8	16.9	25.3



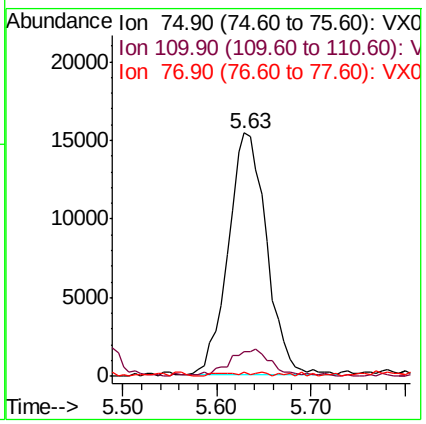


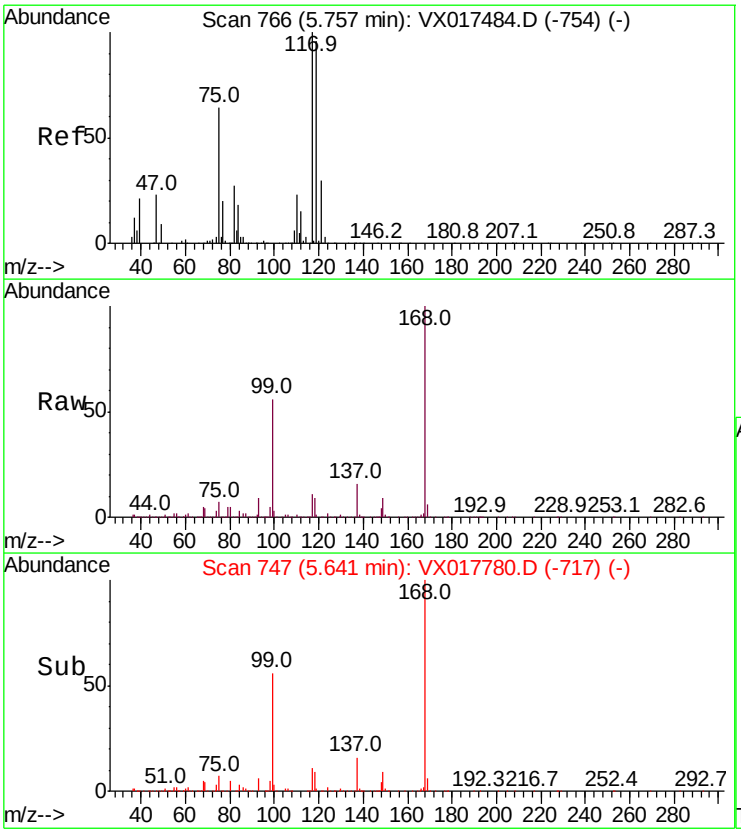
#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43845

Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.3#
77	0.9	24.6	37.0#

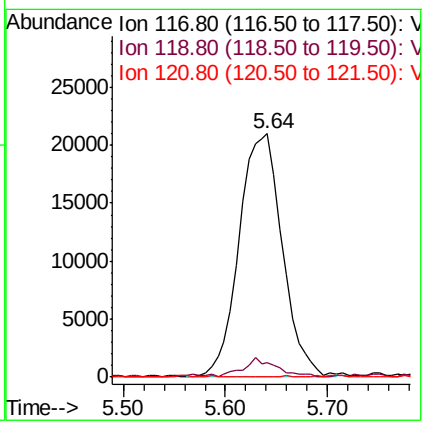


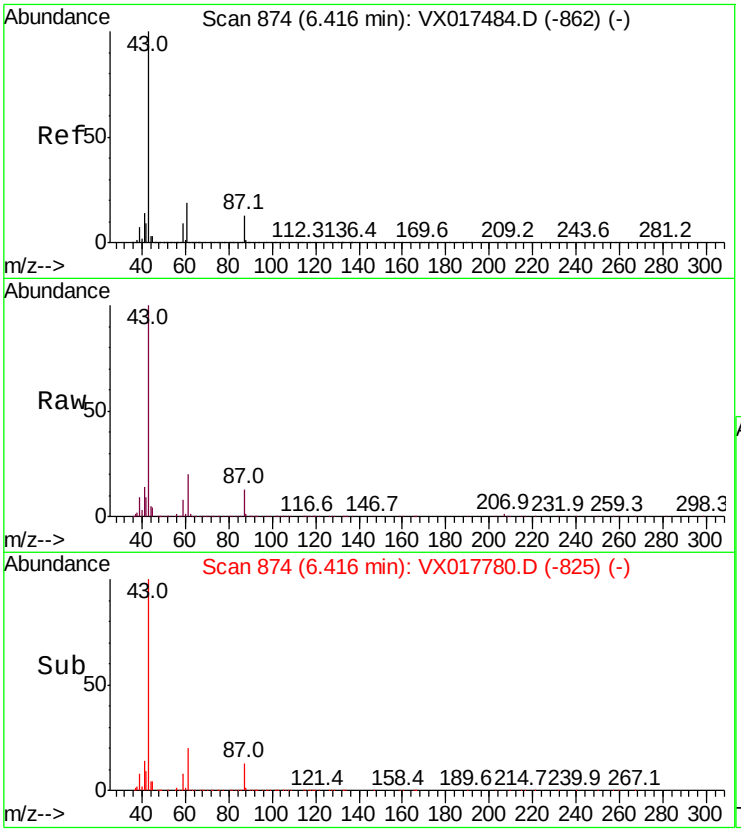


#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 5.64 min Scan# 747
Delta R.T. -0.12 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion:117 Resp: 61860

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.4	113.0#
121	0.0	24.3	36.5#



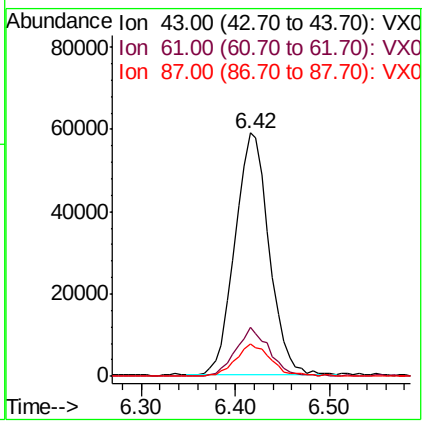


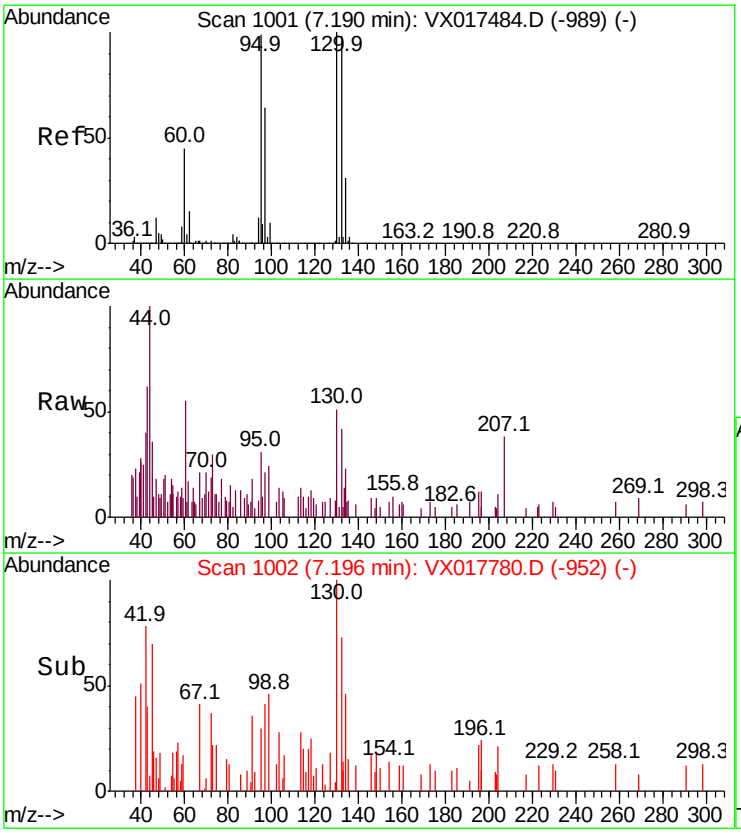
#43
Isopropyl Acetate
Concen: 9.606 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 148172

Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.5	23.3
87	13.7	10.5	15.7

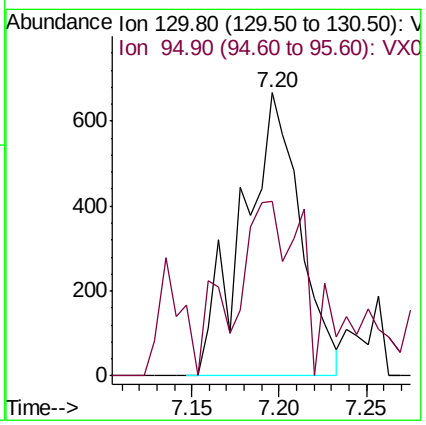


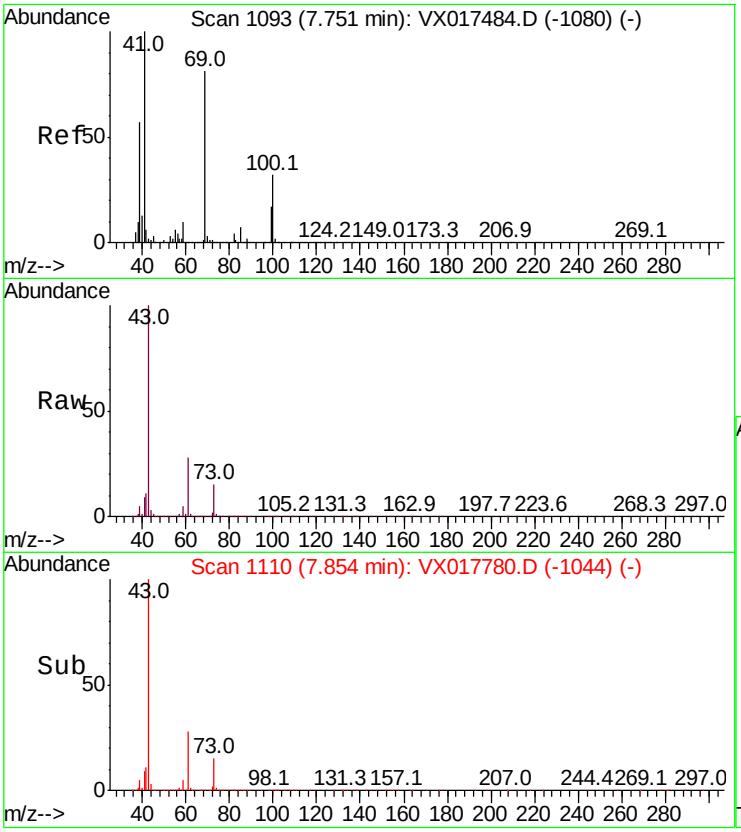


#44
Trichloroethene
Concen: 0.212 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion:130 Resp: 1519

Ion	Ratio	Lower	Upper
130	100		
95	47.5	0.0	189.0



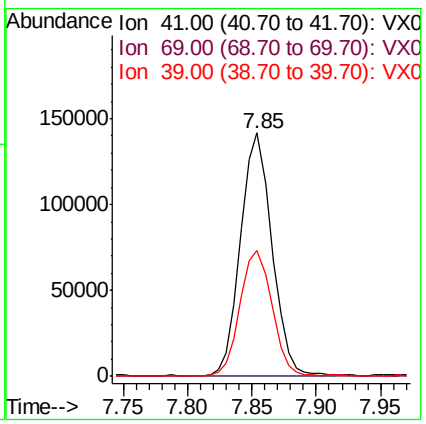


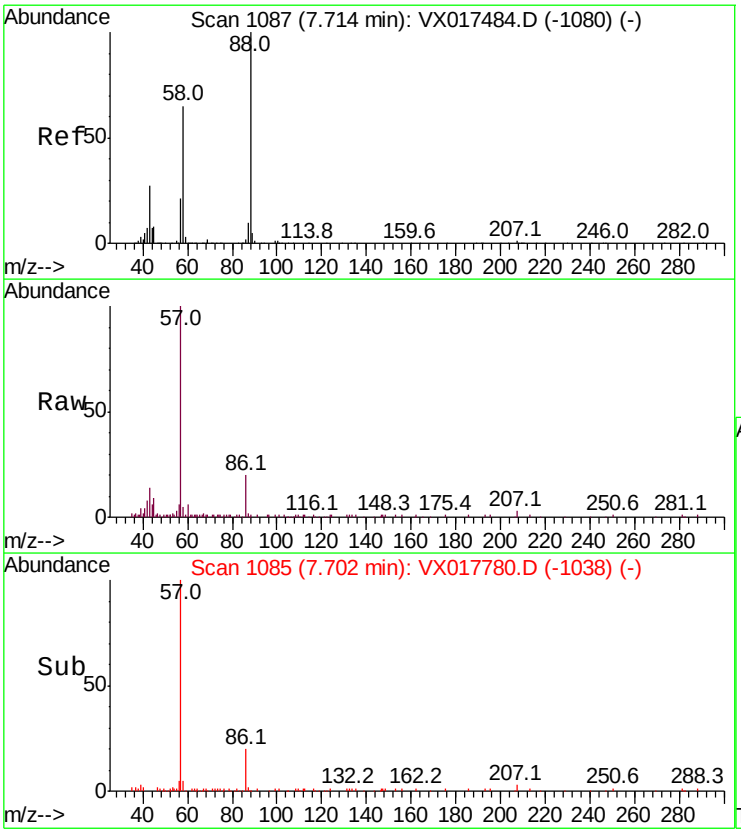
#48
Methyl methacrylate
Concen: 31.224 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 238739

Ion	Ratio	Lower	Upper
41	100		
69	0.4	63.1	94.7#
39	53.0	45.1	67.7

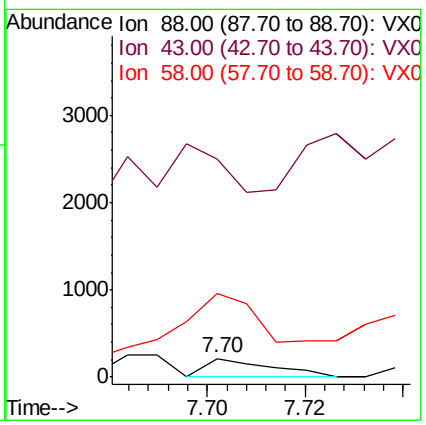


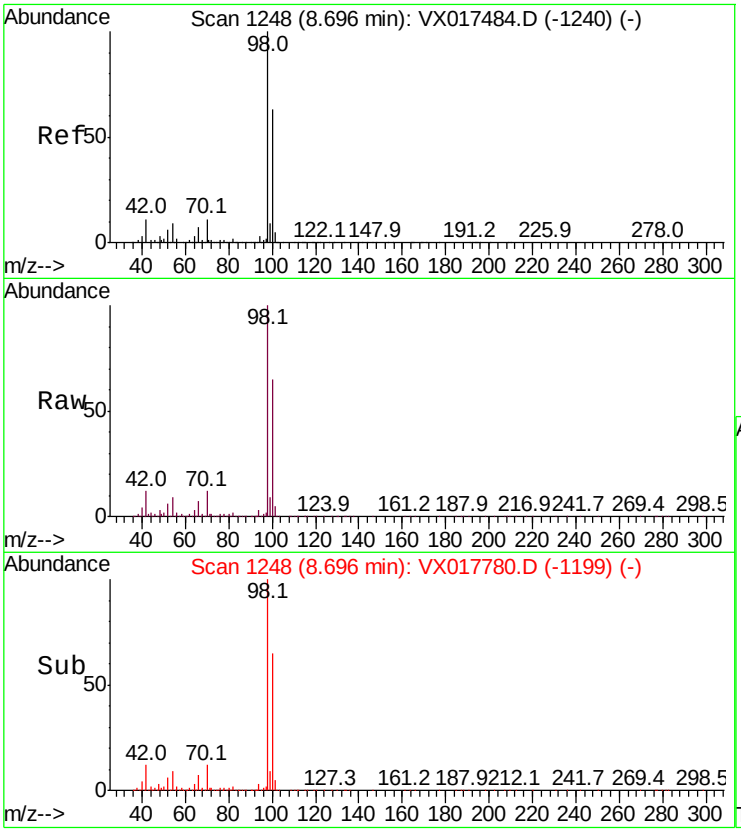


#49
1,4-Dioxane
Concen: 1.385 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 88 Resp: 203

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	826.6	58.3	87.5#



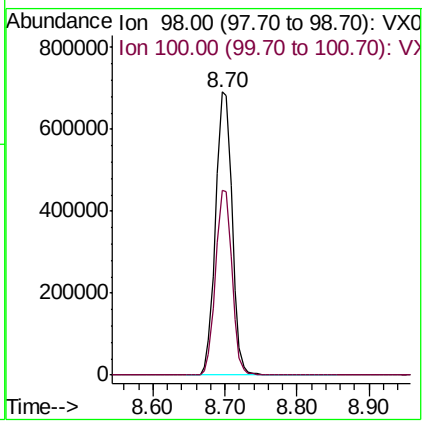


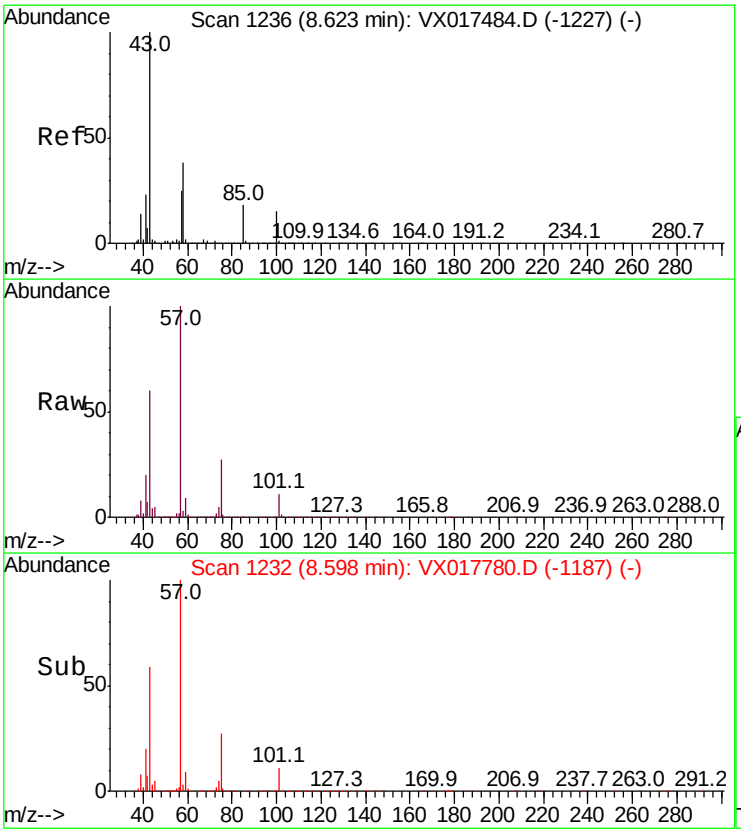
#50
Toluene-d8
Concen: 51.081 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1097957

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5

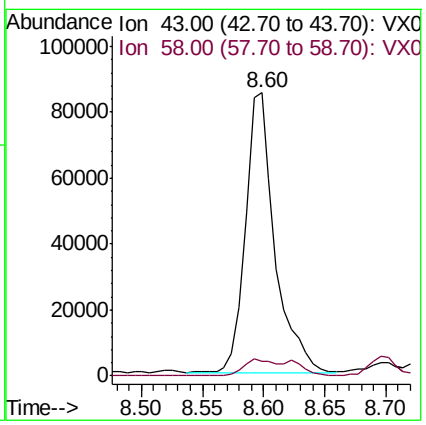


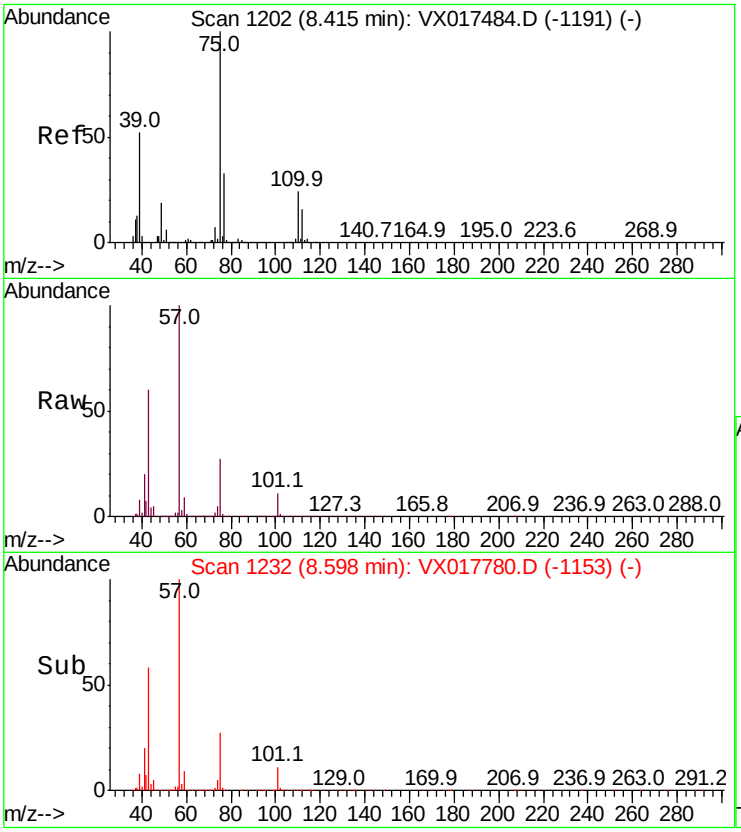


#51
4-Methyl-2-Pentanone
Concen: 15.517 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 43 Resp: 142808

Ion	Ratio	Lower	Upper
43	100		
58	7.0	31.0	46.4#



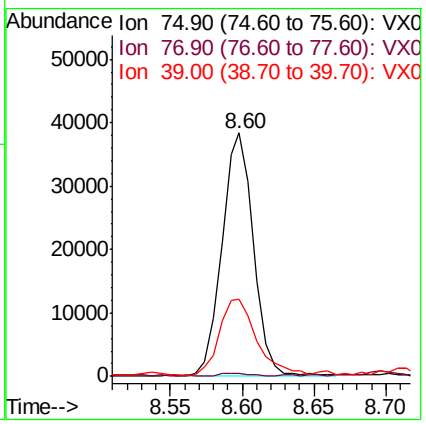


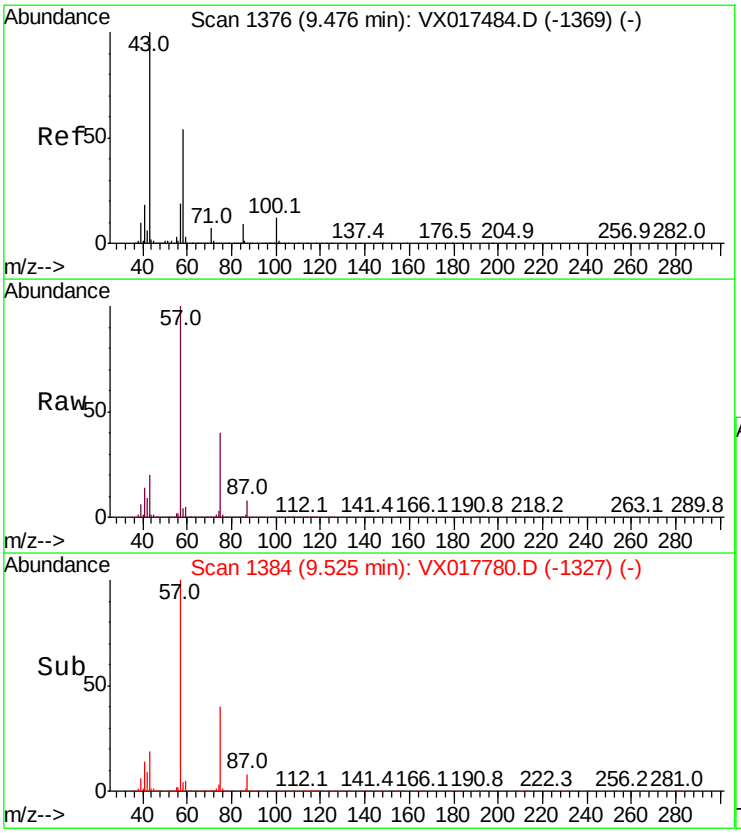
#54
cis-1,3-Dichloropropene
Concen: 5.311 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58554

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.5	38.3#
39	31.6	41.8	62.8#

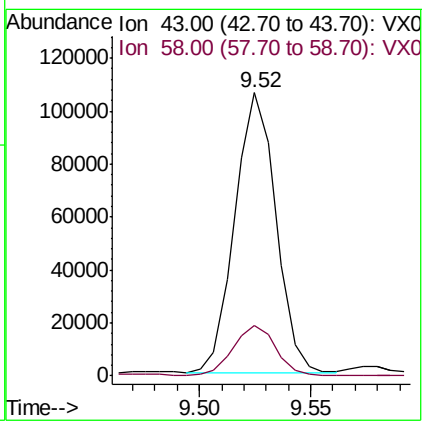


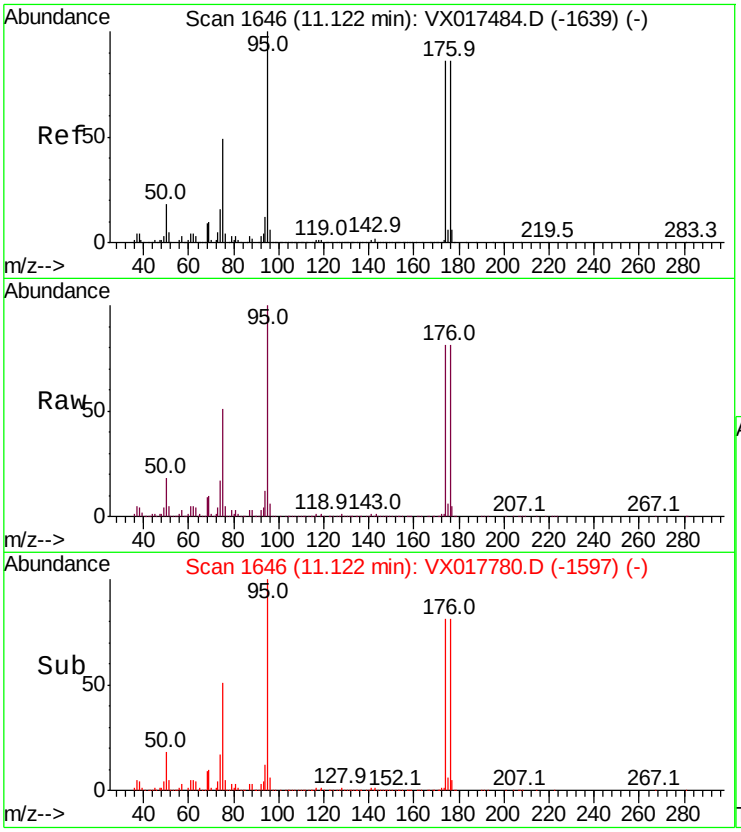


#59
2-Hexanone
Concen: 19.643 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 43 Resp: 136112

Ion	Ratio	Lower	Upper
43	100		
58	18.2	26.6	79.8#



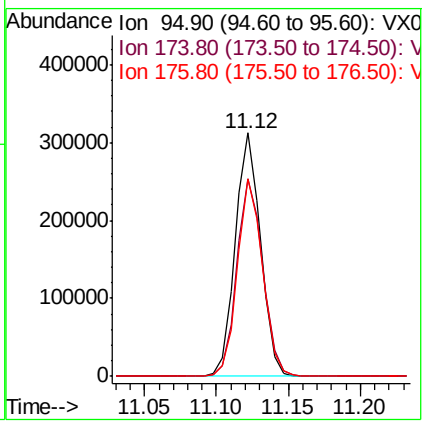


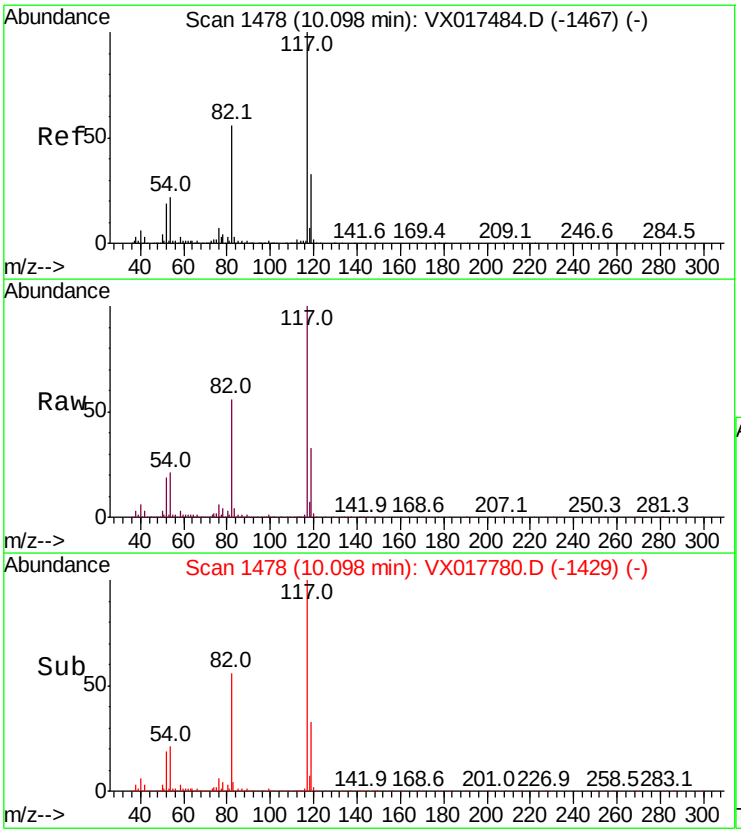
#62
4-Bromofluorobenzene
Concen: 44.403 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 381957

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	169.0
176	80.3	0.0	161.0

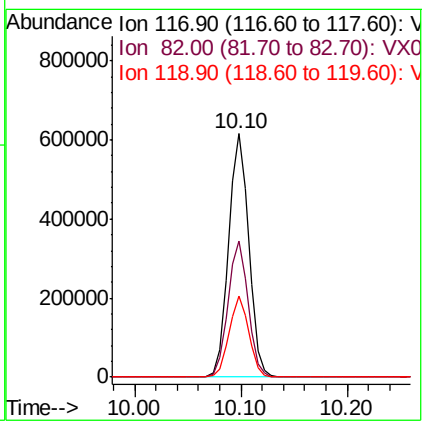


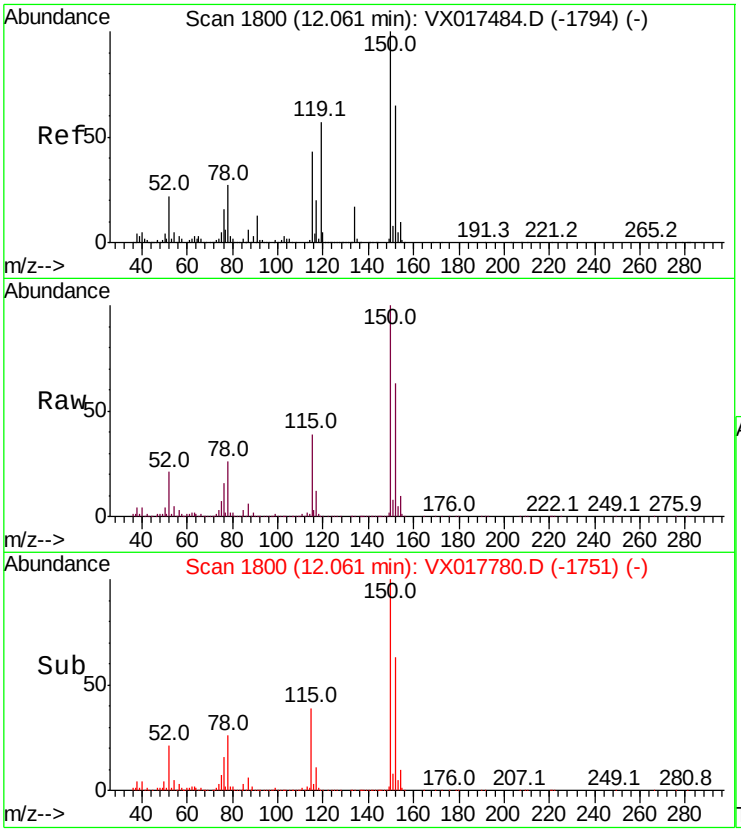


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion:117 Resp: 821829

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	33.0	25.4	38.0



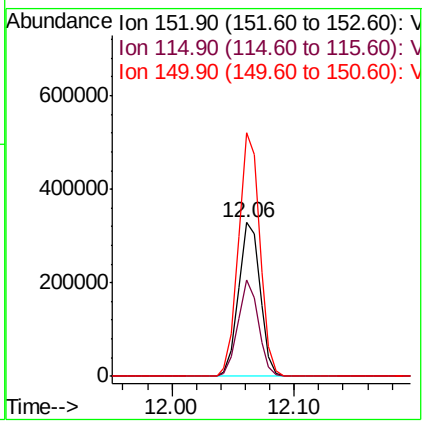


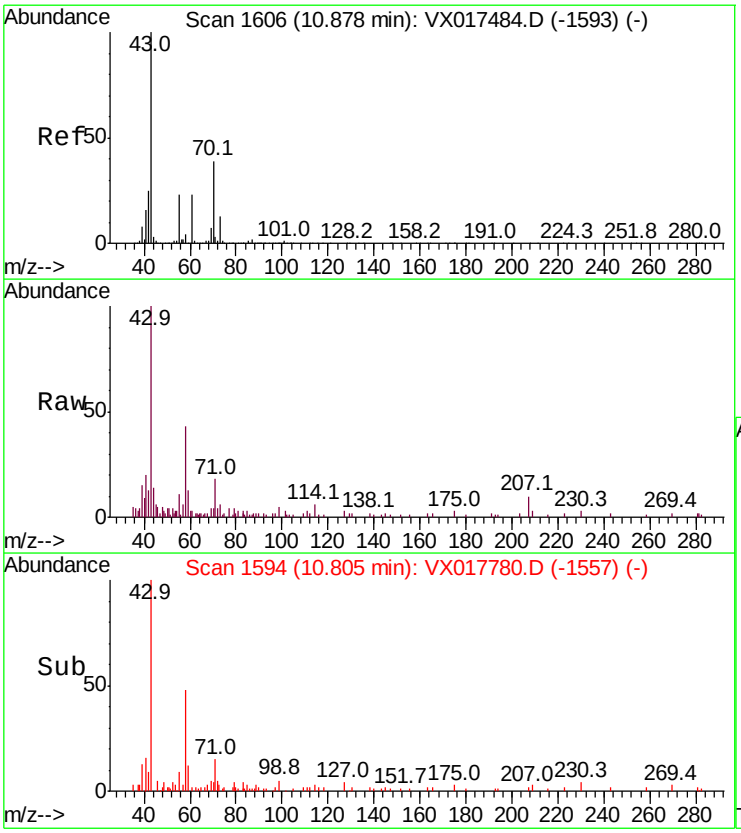
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 400211

Ion	Ratio	Lower	Upper
152	100		
115	59.4	65.5	196.6#
150	156.3	0.0	412.6

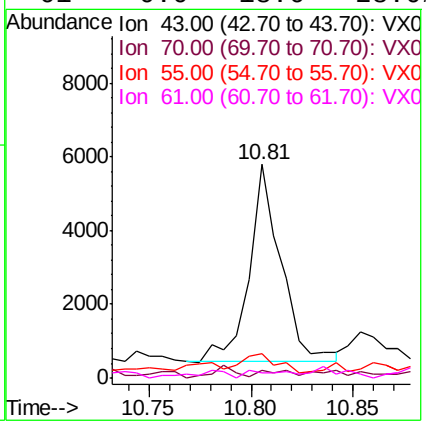


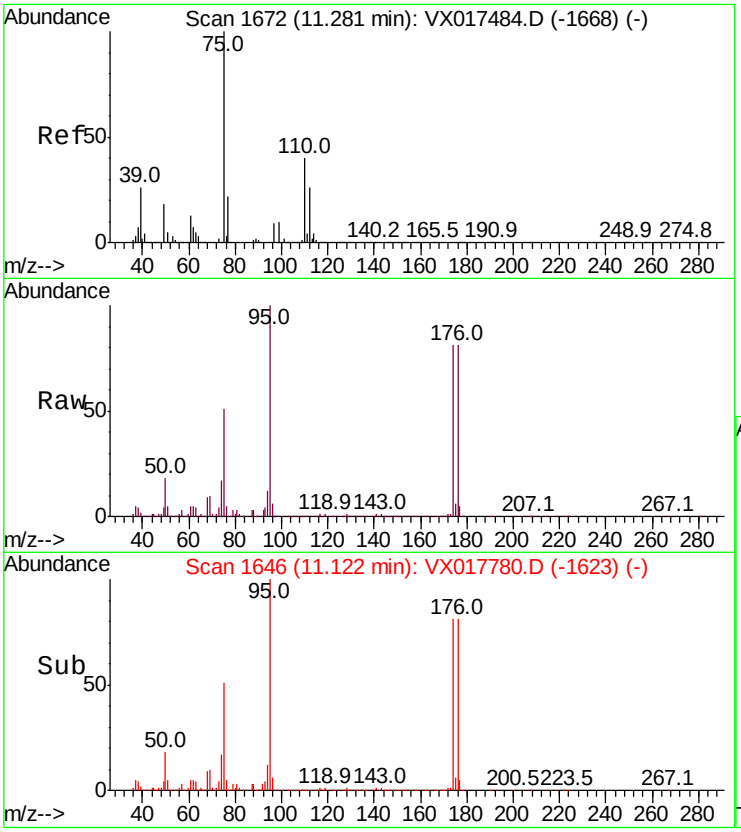


#74
N-amyl acetate
Concen: 0.474 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 43 Resp: 5782

Ion	Ratio	Lower	Upper
43	100		
70	3.3	32.3	48.5#
55	11.6	18.4	27.6#
61	0.0	18.6	28.0#



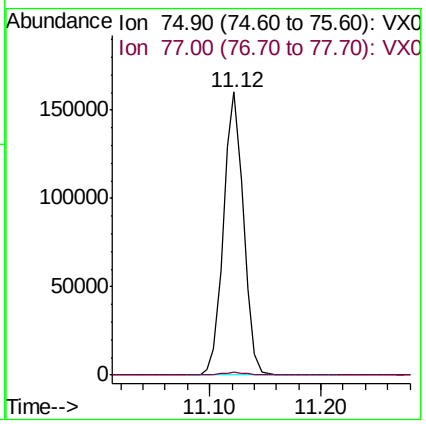


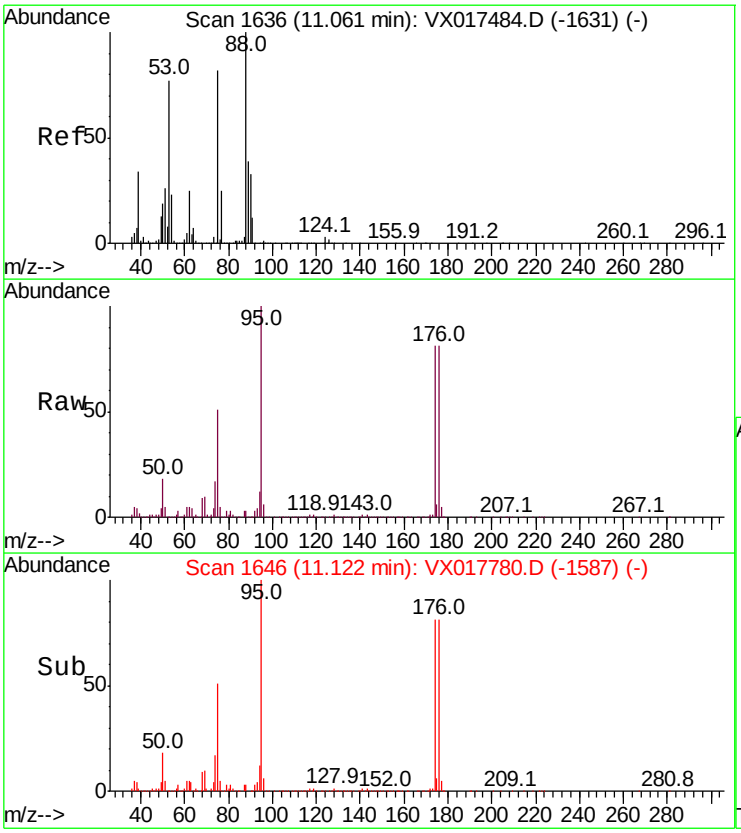
#76
1,2,3-Trichloropropane
Concen: 24.154 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 198849

Ion	Ratio	Lower	Upper
75	100		
77	0.9	21.8	65.3#

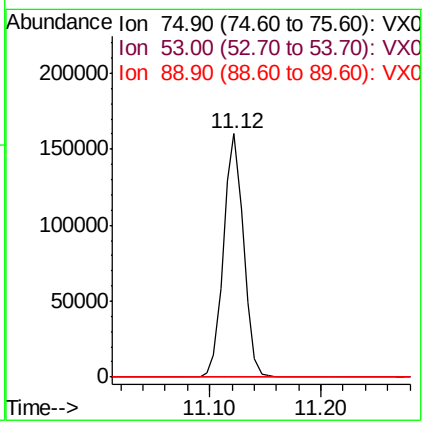


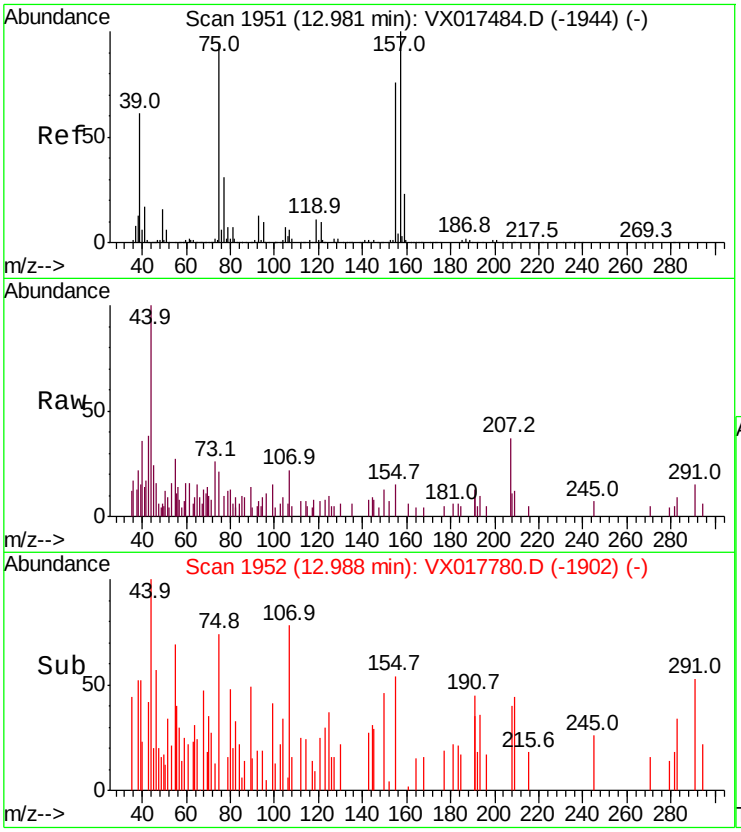


#81
trans-1,4-Dichloro-2-butene
Concen: 60.863 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Tgt Ion: 75 Resp: 198849

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.2	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.673 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX017780.D
Acq: 04 Aug 2020 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 246

Ion	Ratio	Lower	Upper
75	100		
155	72.0	42.3	126.8
157	47.2	54.3	162.9#