Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017778.D
Acq On : 04 Aug 2020 18:28
Operator : JC/SP
Sample : PB130720ZHE#20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Quant Time: Aug 05 01:51:35 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	592167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	895563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	852625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	403463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	389083	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.30%			
35) Dibromofluoromethane	5.47	113	303599	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.38%			
50) Toluene-d8	8.70	98	1106888	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
62) 4-Bromofluorobenzene	11.12	95	409498	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	474	Below Cal	#	1
3) Chloromethane	1.32	50	546	0.441	ug/l #	61
5) Bromomethane	1.64	94	388	Below Cal	#	44
6) Chloroethane	1.72	64	492	Below Cal	#	70
8) Diethyl Ether	2.17	74	1457	Below Cal		64
11) Tert butyl alcohol	3.00	59	2474	1.543	ug/l #	54
13) Acrolein	2.28	56	190	4.301	ug/l #	67
16) Acetone	2.42	43	37020	11.058	ug/l	98
18) Methyl Acetate	2.75	43	10530	1.335	ug/l #	78
20) Methylene Chloride	2.84	84	30847	3.703	ug/l	94
25) 2-Butanone	4.64	43	6596	1.387	ug/l	99
29) Tetrahydrofuran	5.10	42	1251	0.425	ug/l	96
36) 1,1-Dichloropropene	5.63	75	45044	5.244	ug/l #	52
38) Carbon Tetrachloride	5.64	117	60264	5.778	ug/l #	18
43) Isopropyl Acetate	6.42	43	163228	10.527	ug/l	99
44) Trichloroethene	7.19	130	1730	0.240	ug/l	97
48) Methyl methacrylate	7.85	41	271072	35.267	ug/l #	45
49) 1,4-Dioxane	7.70	88	165	1.120	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	155861	16.846	ug/l #	52
54) cis-1,3-Dichloropropene	8.60	75	66055	5.960	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	12434	1.148	ug/l #	46
59) 2-Hexanone	9.52	43	171617	24.638	ug/l #	52
74) N-amyl acetate	10.85	43	3985	0.324	ug/l #	56
76) 1,2,3-Trichloropropane	11.12	75	209362	25.226	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	7841	0.332	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.12	75	209362	63.564	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	404	2.733	ug/l #	7

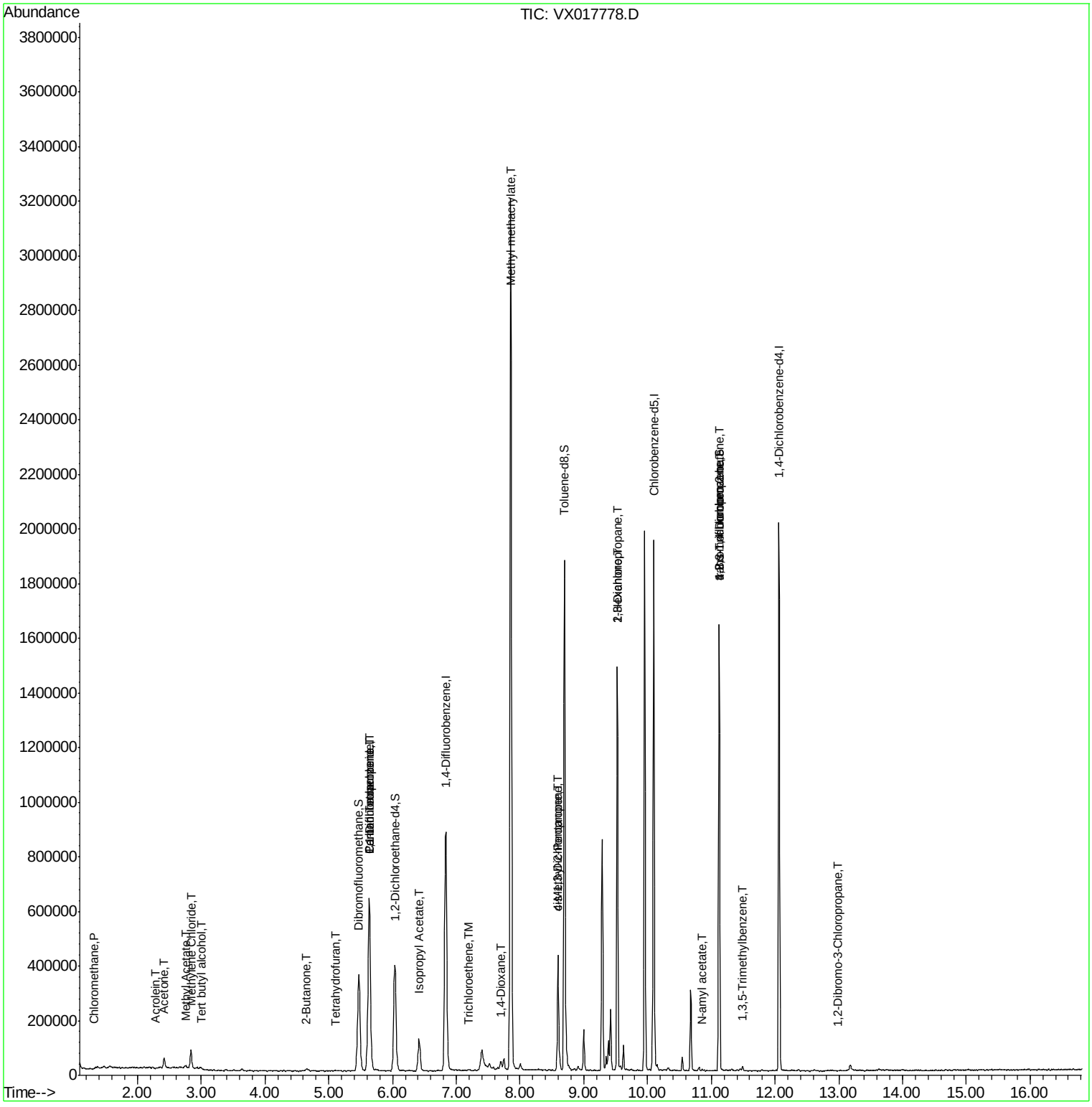
(#) = qualifier out of range (m) = manual integration (+) = signals summed

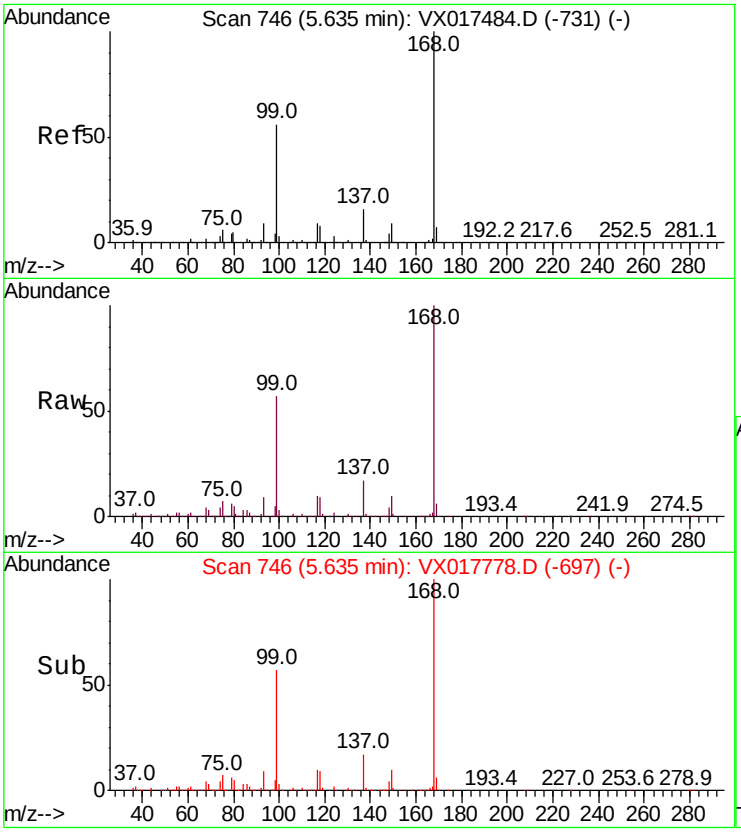
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017778.D
Acq On : 04 Aug 2020 18:28
Operator : JC/SP
Sample : PB130720ZHE#20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Quant Time: Aug 05 01:51:35 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



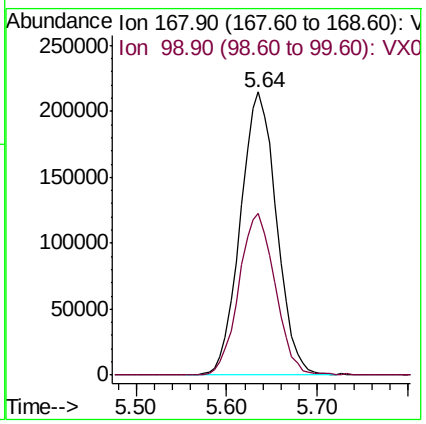


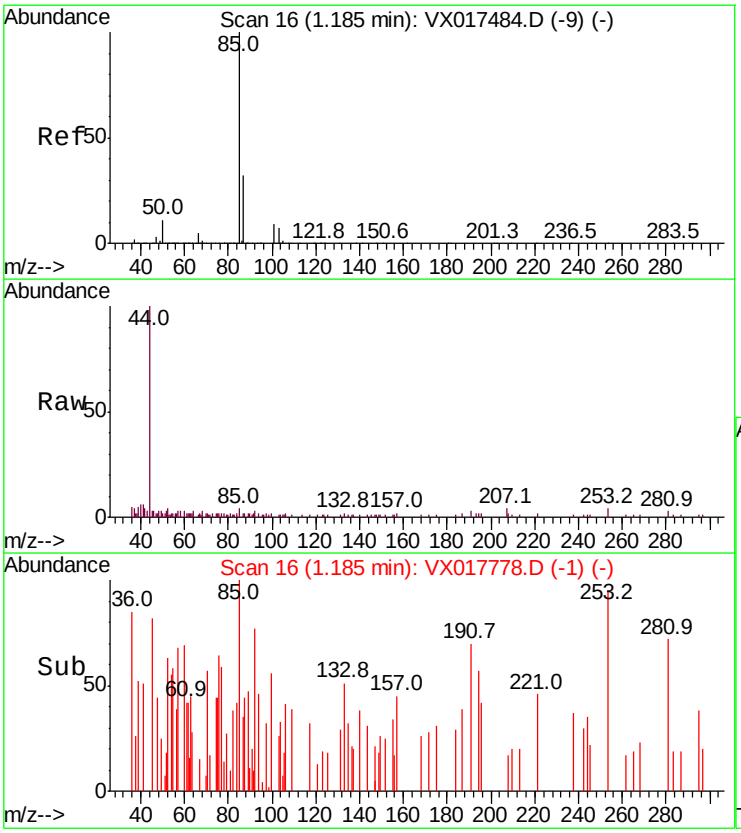
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion:168 Resp: 592167

Ion	Ratio	Lower	Upper
168	100		
99	57.2	43.4	65.2

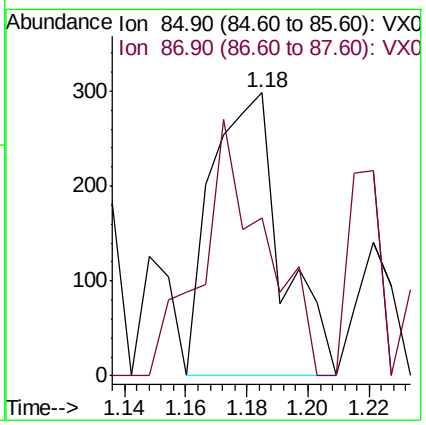


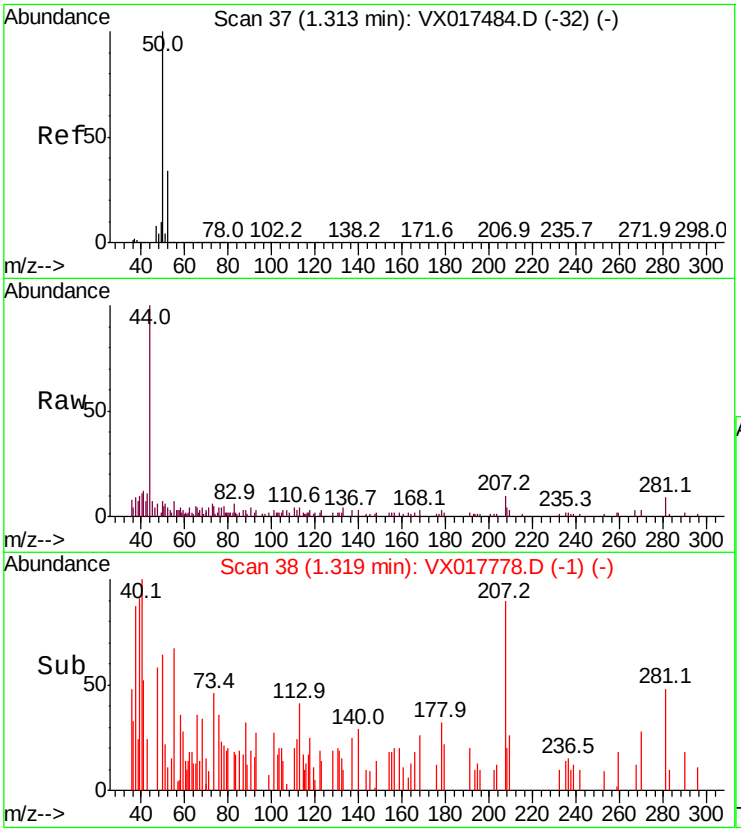


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 85 Resp: 474

Ion	Ratio	Lower	Upper
85	100		
87	100.0	16.1	48.3#



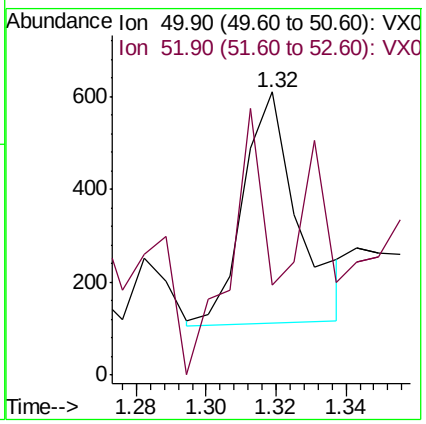


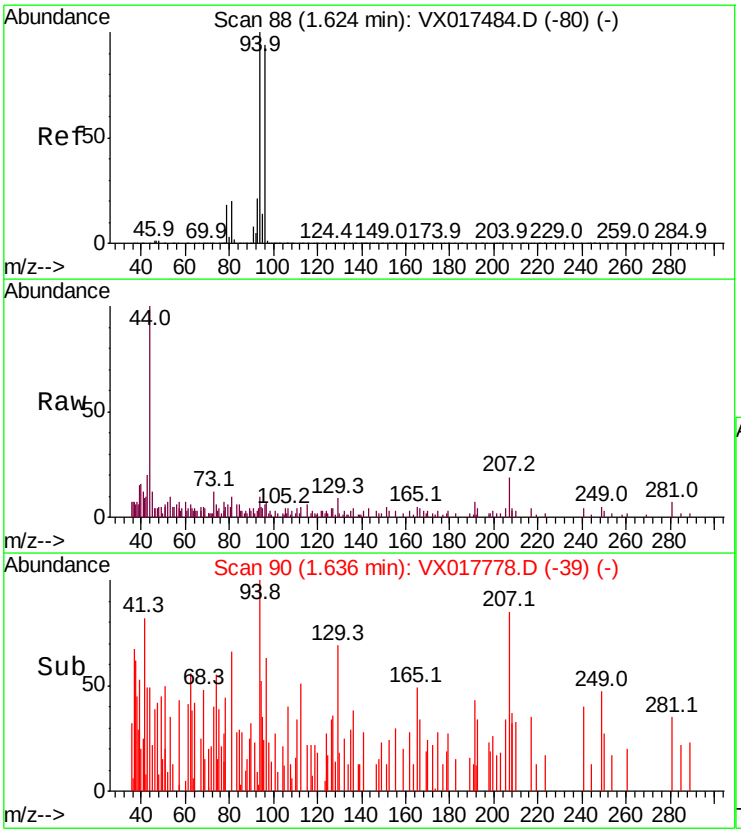
#3
Chloromethane
Concen: 0.441 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 50 Resp: 546

Ion	Ratio	Lower	Upper
50	100		
52	54.0	25.9	38.9#

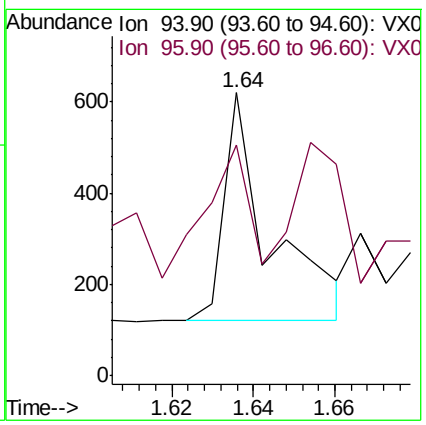


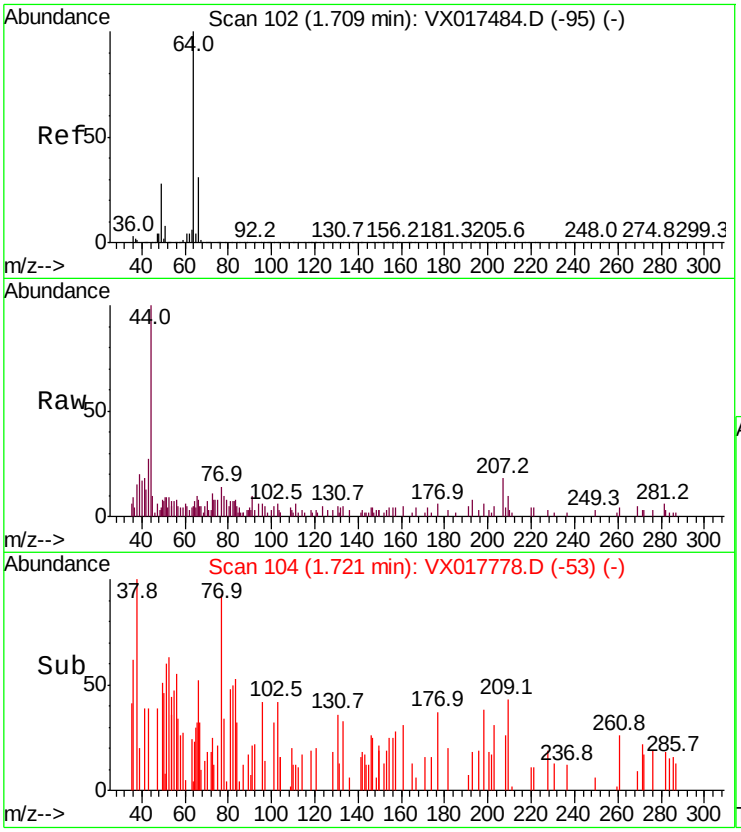


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 94 Resp: 388

Ion	Ratio	Lower	Upper
94	100		
96	39.4	74.1	111.1#



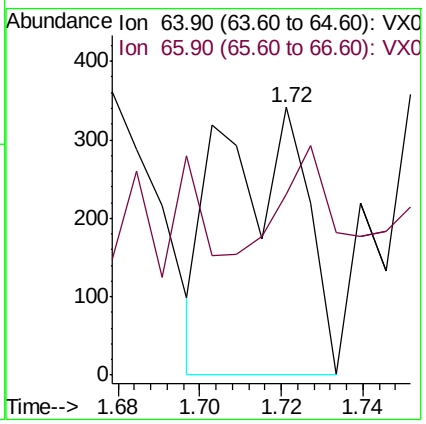


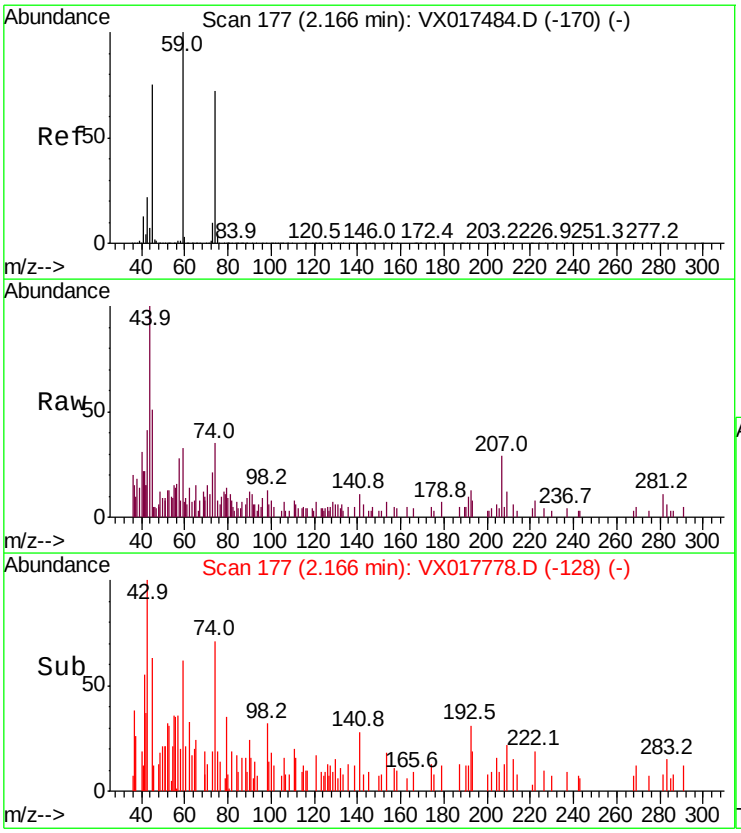
#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 64 Resp: 492

Ion	Ratio	Lower	Upper
64	100		
66	14.4	24.9	37.3#

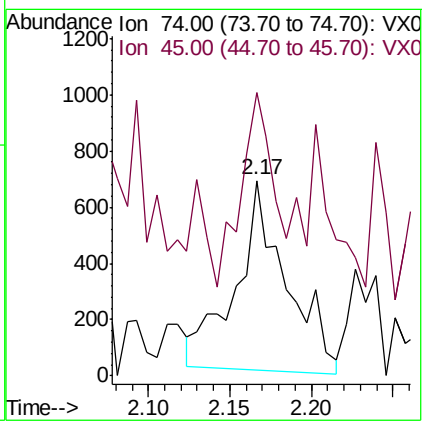


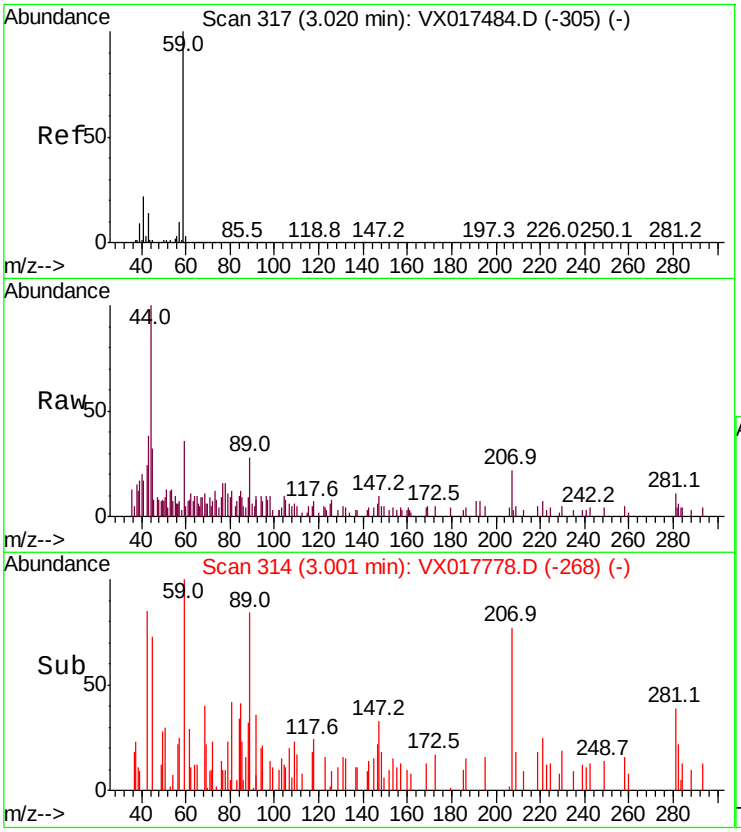


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 74 Resp: 1457

Ion	Ratio	Lower	Upper
74	100		
45	65.7	50.8	152.5



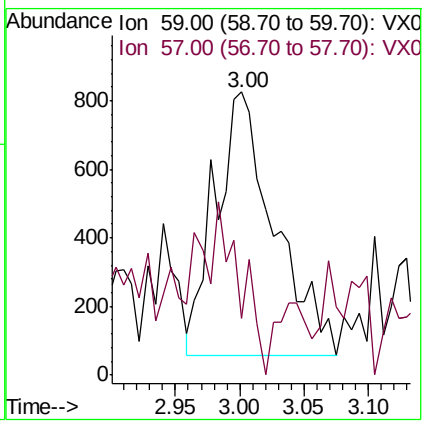


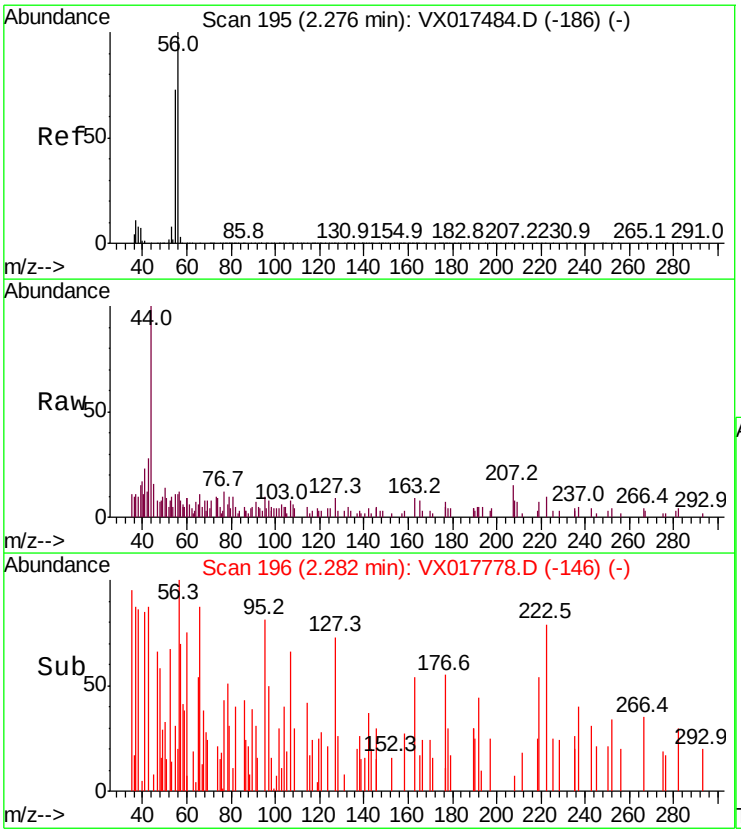
#11
Tert butyl alcohol
Concen: 1.543 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 59 Resp: 2474

Ion	Ratio	Lower	Upper
59	100		
57	27.8	8.6	12.8#

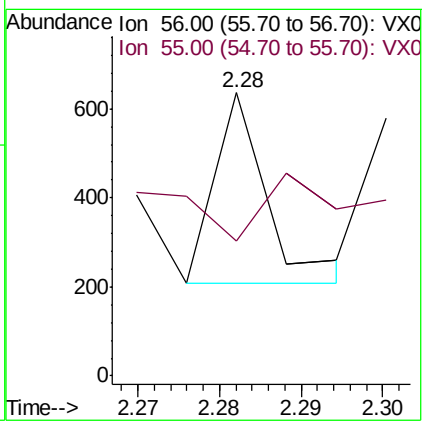


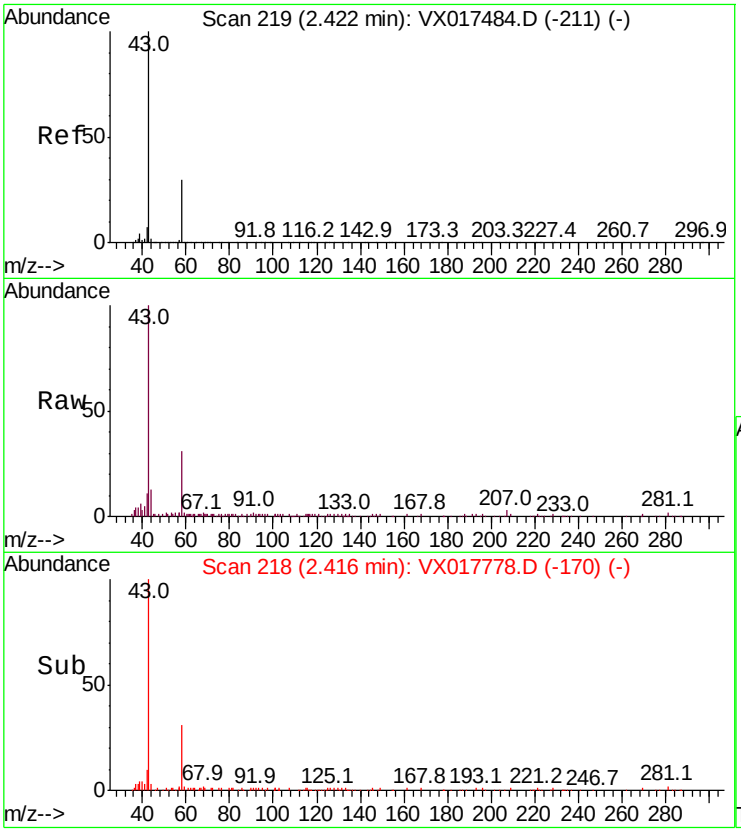


#13
Acrolein
Concen: 4.301 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 56 Resp: 190

Ion	Ratio	Lower	Upper
56	100		
55	99.5	57.4	86.2#



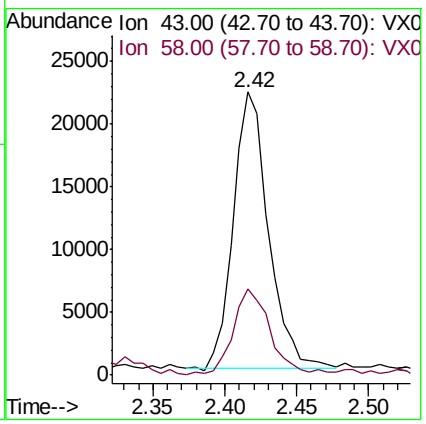


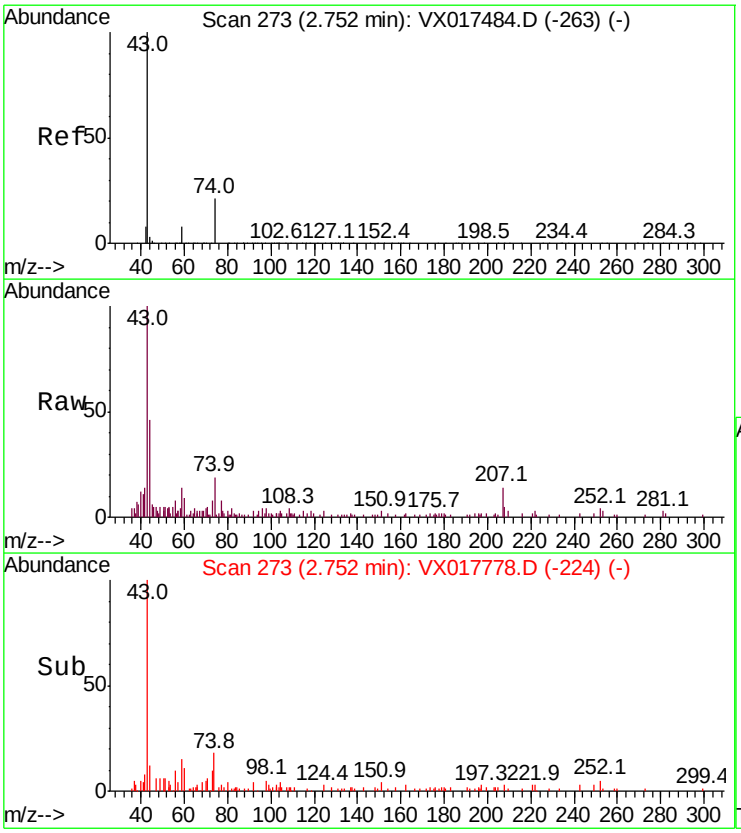
#16
Acetone
Concen: 11.058 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 43 Resp: 37020

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.4

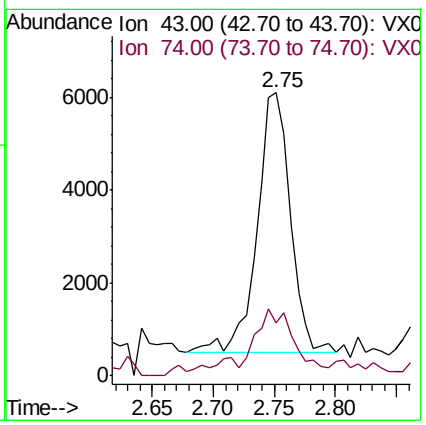


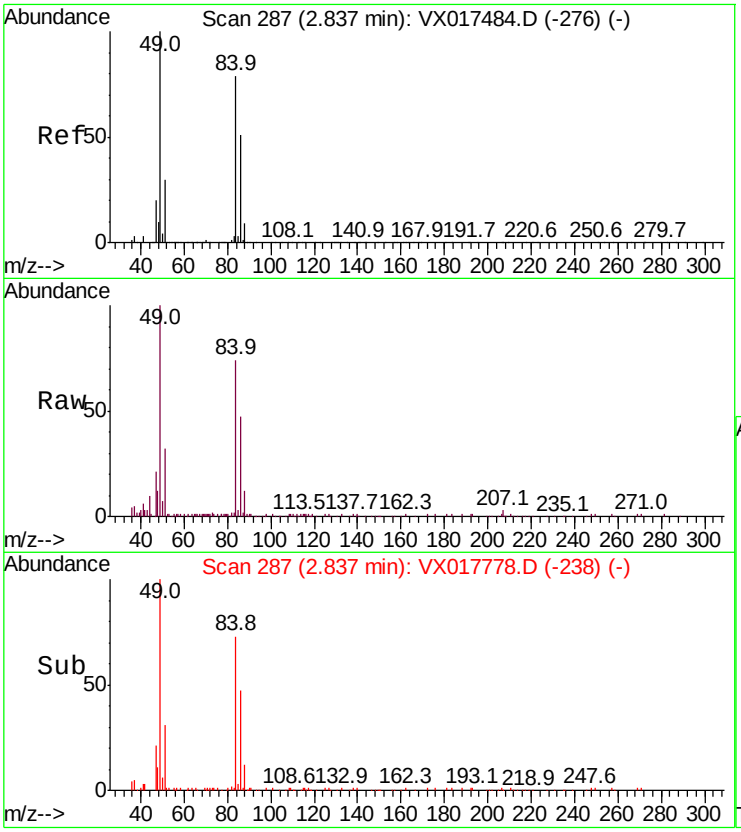


#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 43 Resp: 10530

Ion	Ratio	Lower	Upper
43	100		
74	32.5	17.5	26.3#



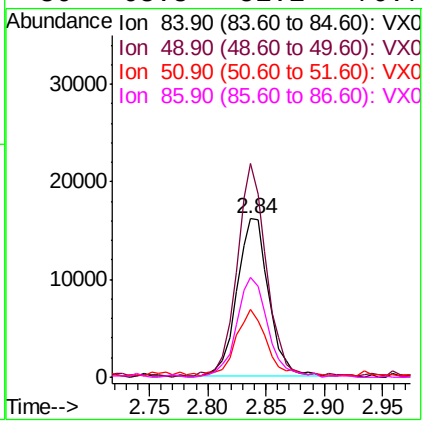


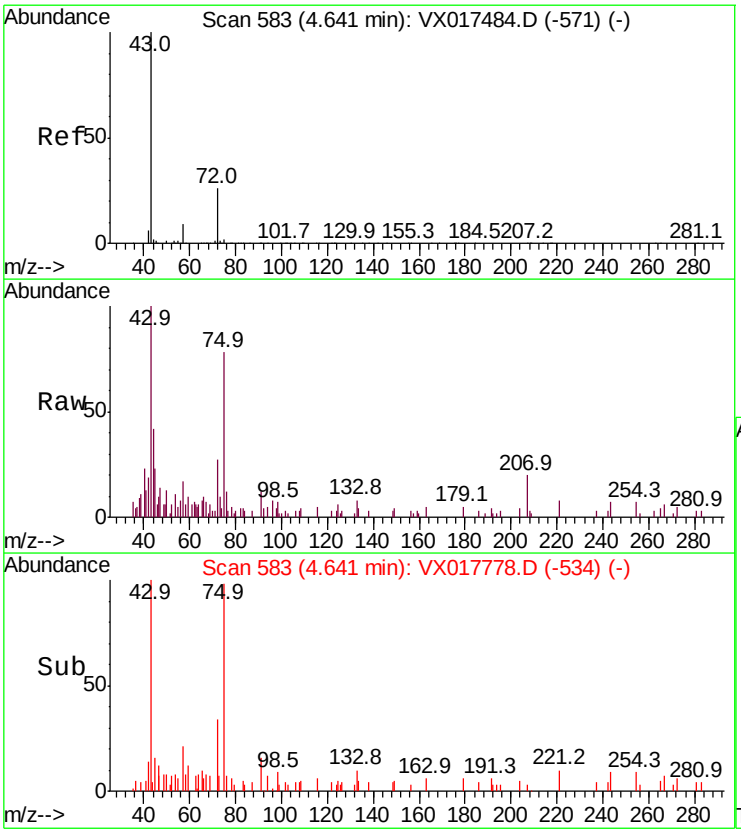
#20
Methylene Chloride
Concen: 3.703 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 84 Resp: 30847

Ion	Ratio	Lower	Upper
84	100		
49	134.4	100.3	150.5
51	42.2	30.5	45.7
86	63.8	51.1	76.7

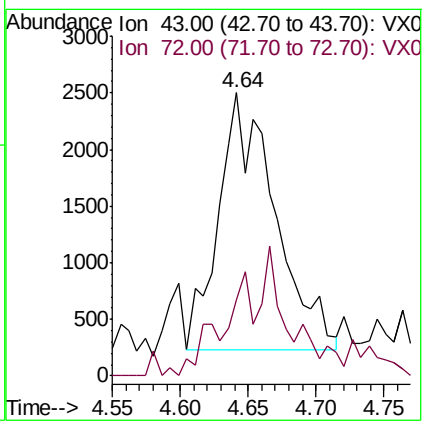


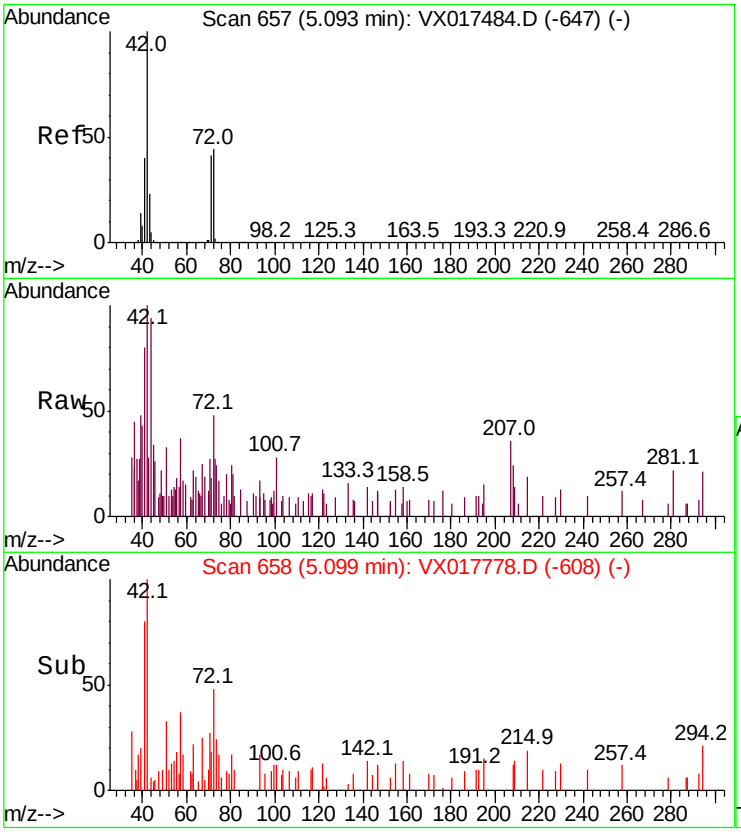


#25
2-Butanone
Concen: 1.387 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 43 Resp: 6596

Ion	Ratio	Lower	Upper
43	100		
72	23.3	19.0	28.4



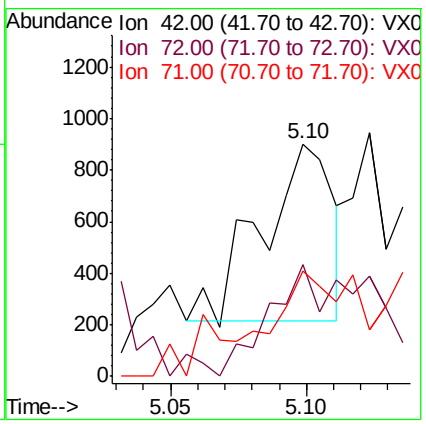


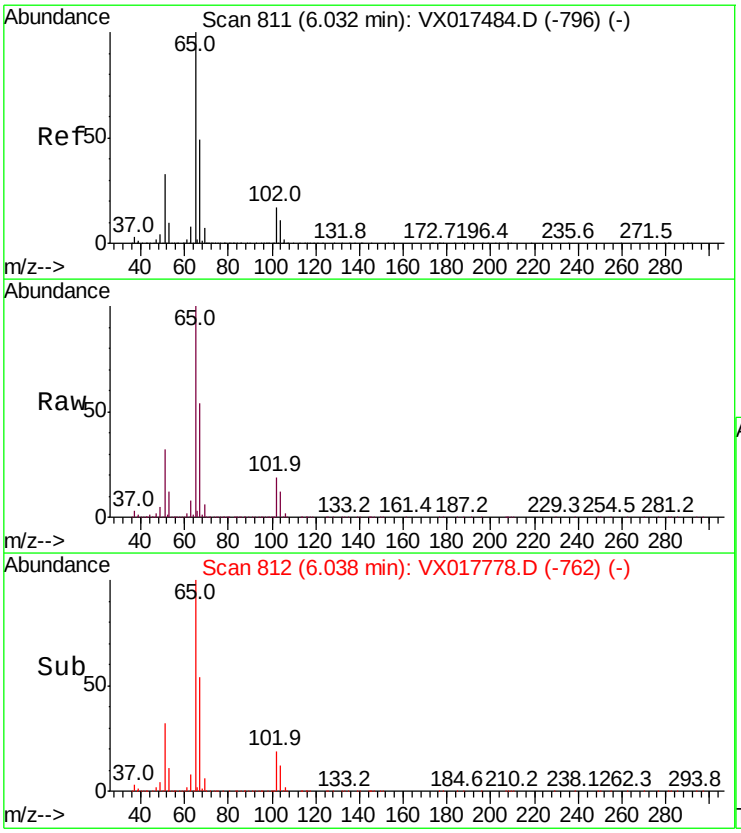
#29
Tetrahydrofuran
Concen: 0.425 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 42 Resp: 1251

Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.5	53.3
71	36.6	33.0	49.4

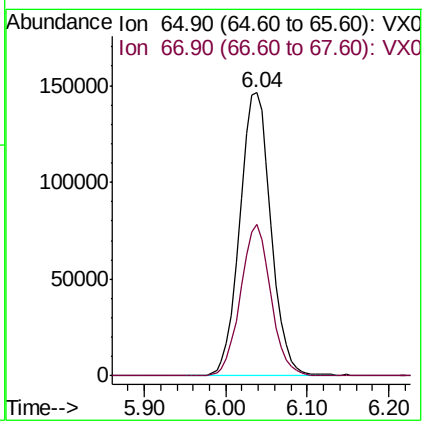


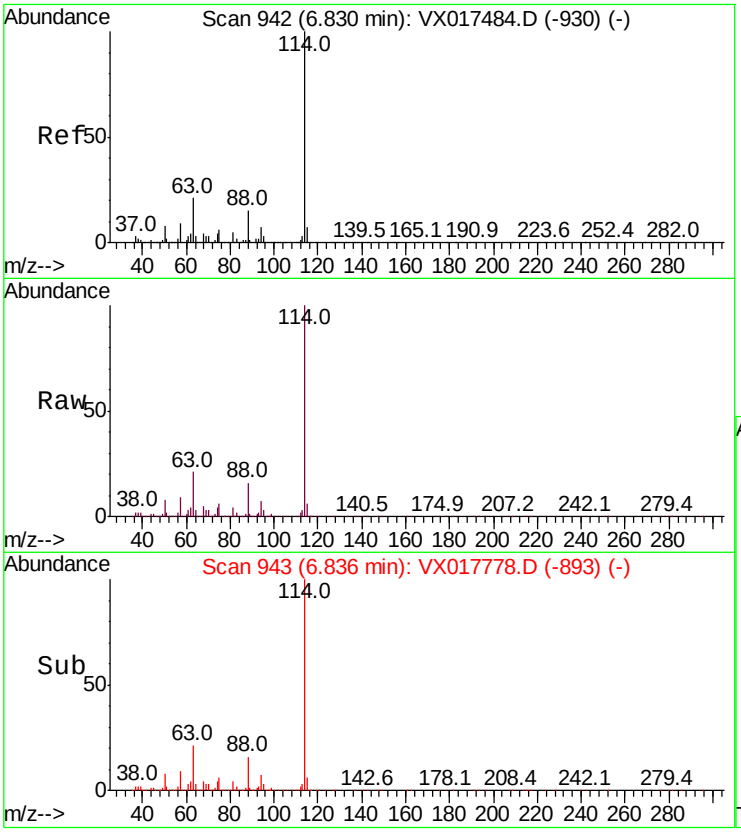


#33
1,2-Dichloroethane-d4
Concen: 51.150 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 65 Resp: 389083

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.8



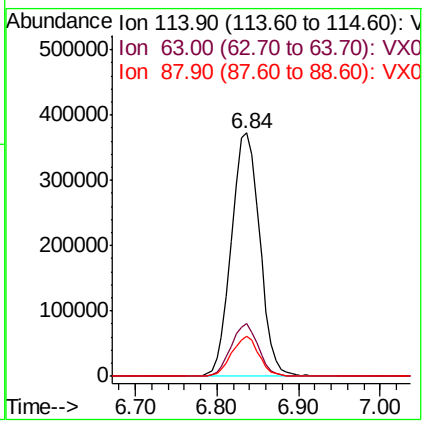


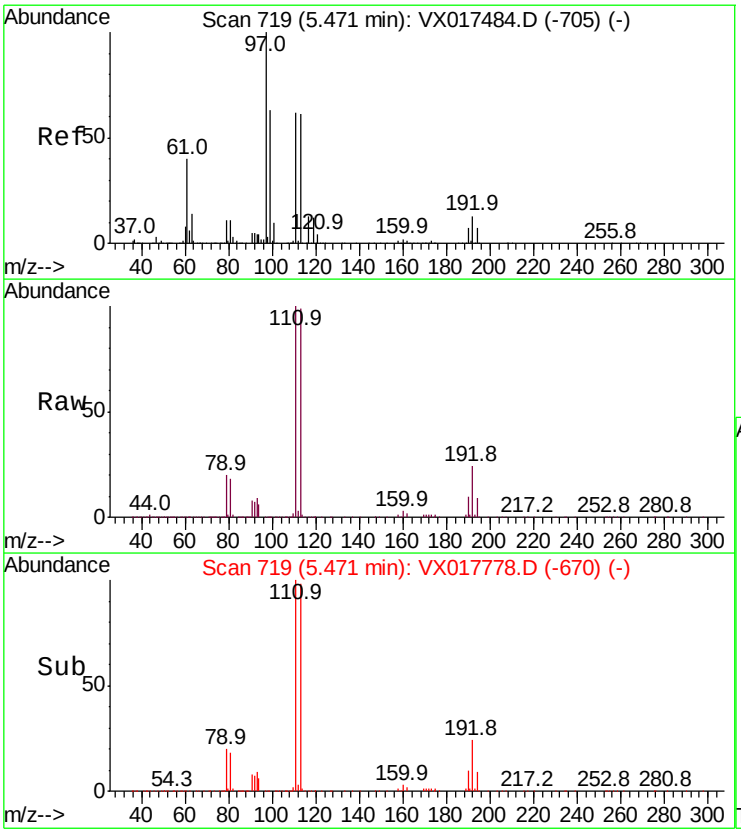
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion:114 Resp: 895563

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.6
88	16.3	0.0	33.4

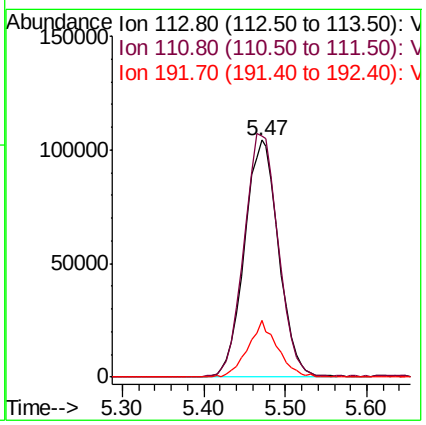


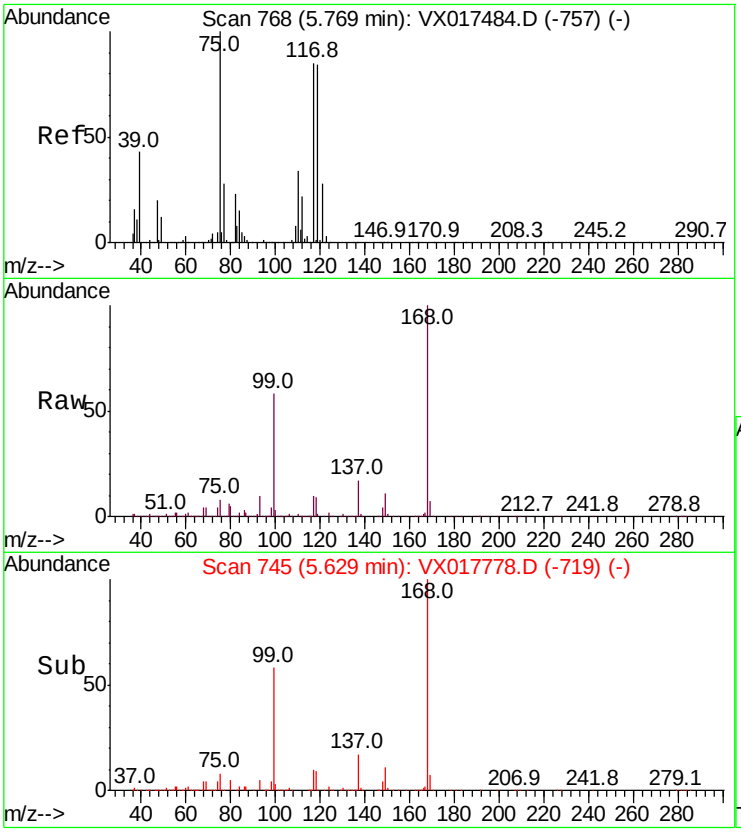


#35
Dibromofluoromethane
Concen: 50.688 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion:113 Resp: 303599

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	20.6	16.9	25.3



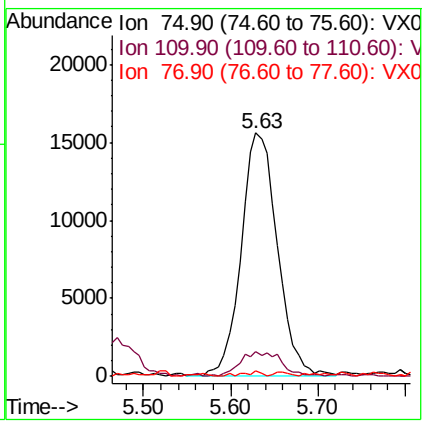


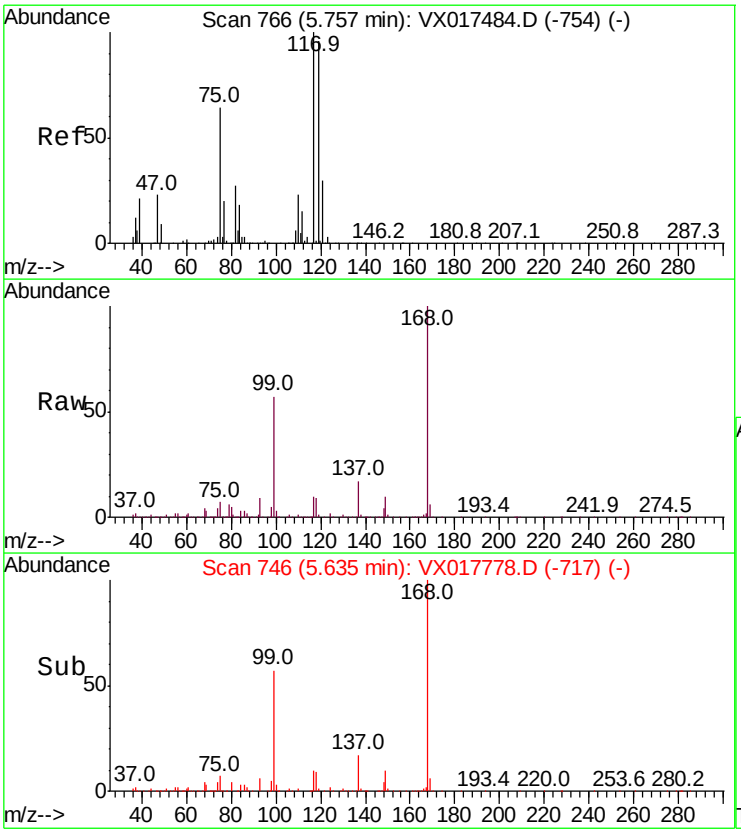
#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 75 Resp: 45044

Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.1	54.3#
77	0.4	24.6	37.0#

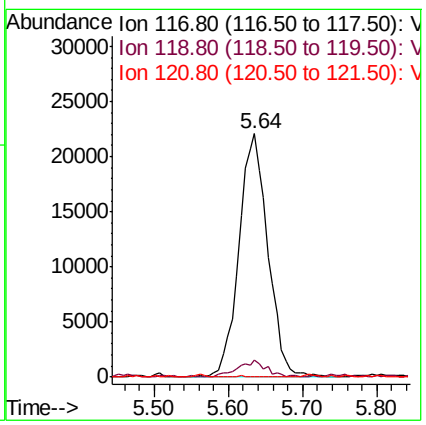


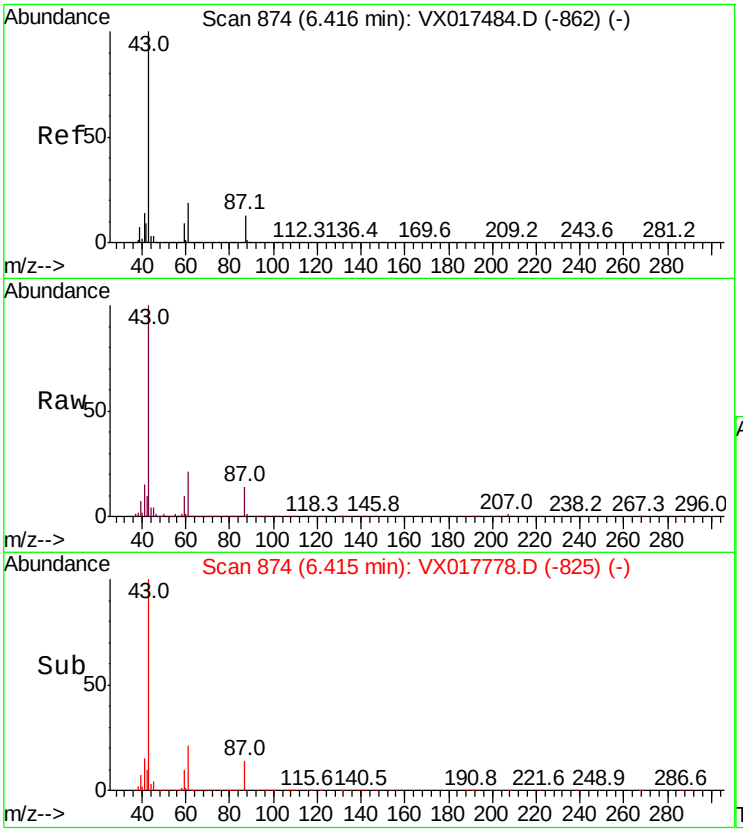


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion:117 Resp: 60264

Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.4	113.0#
121	0.0	24.3	36.5#



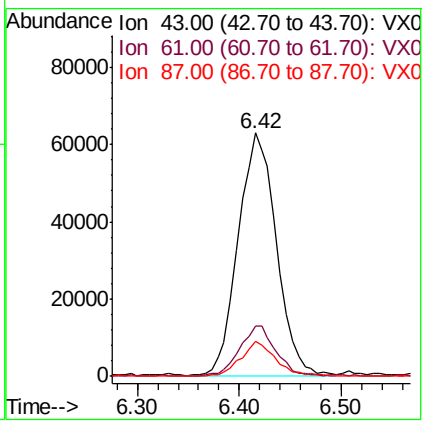


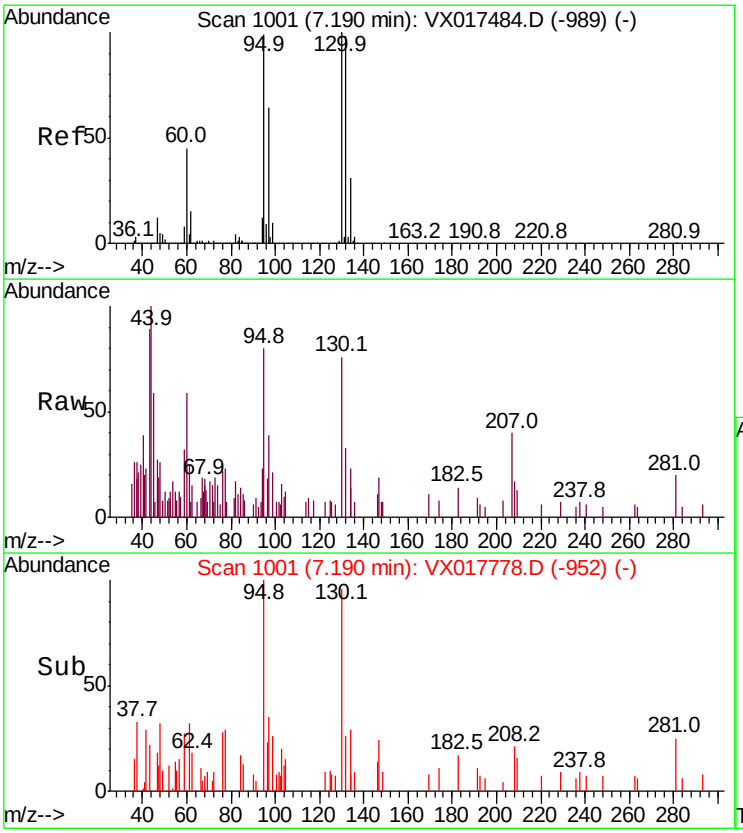
#43
Isopropyl Acetate
Concen: 10.527 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 43 Resp: 163228

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.5	23.3
87	13.4	10.5	15.7

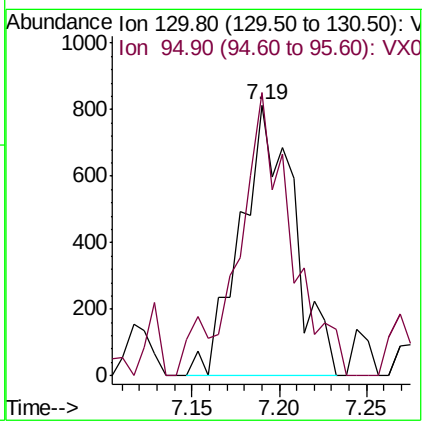


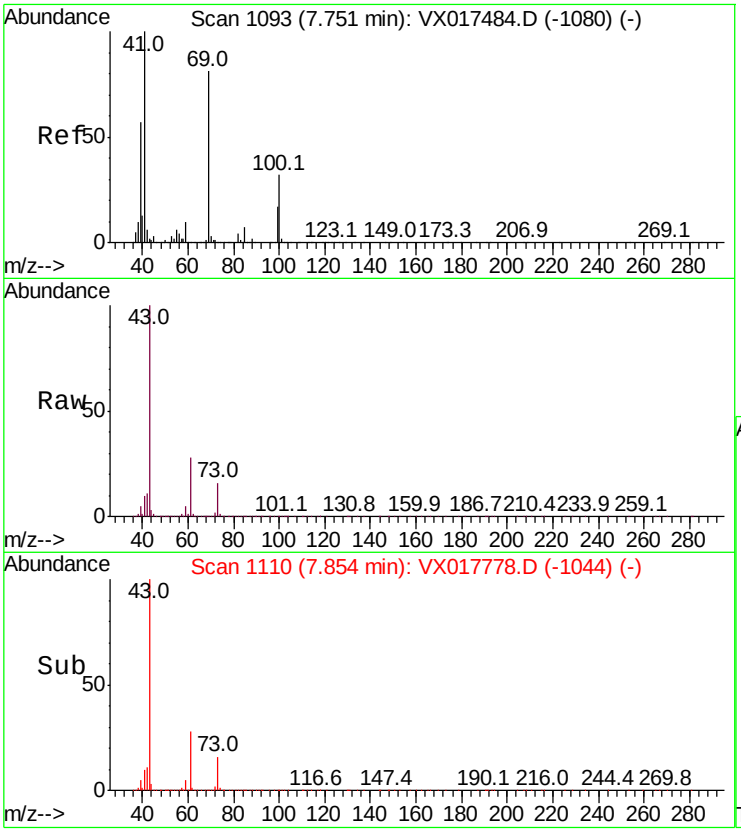


#44
Trichloroethene
Concen: 0.240 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion:130 Resp: 1730

Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	189.0



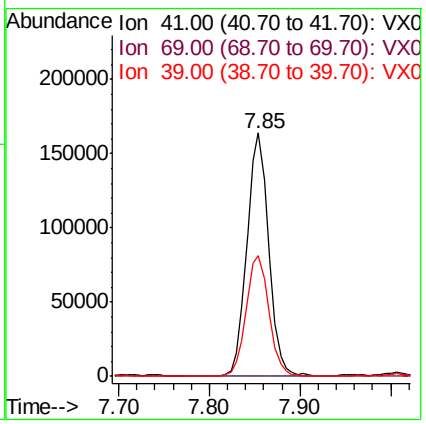


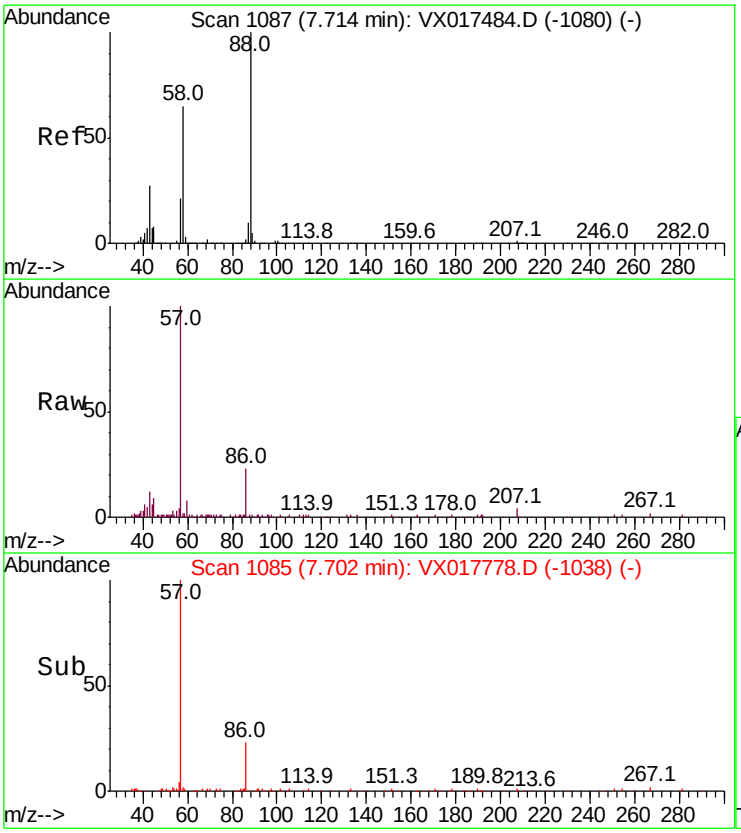
#48
Methyl methacrylate
Concen: 35.267 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 41 Resp: 271072

Ion	Ratio	Lower	Upper
41	100		
69	0.4	63.1	94.7#
39	51.9	45.1	67.7

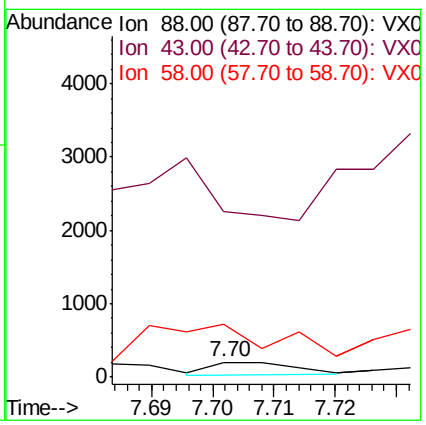


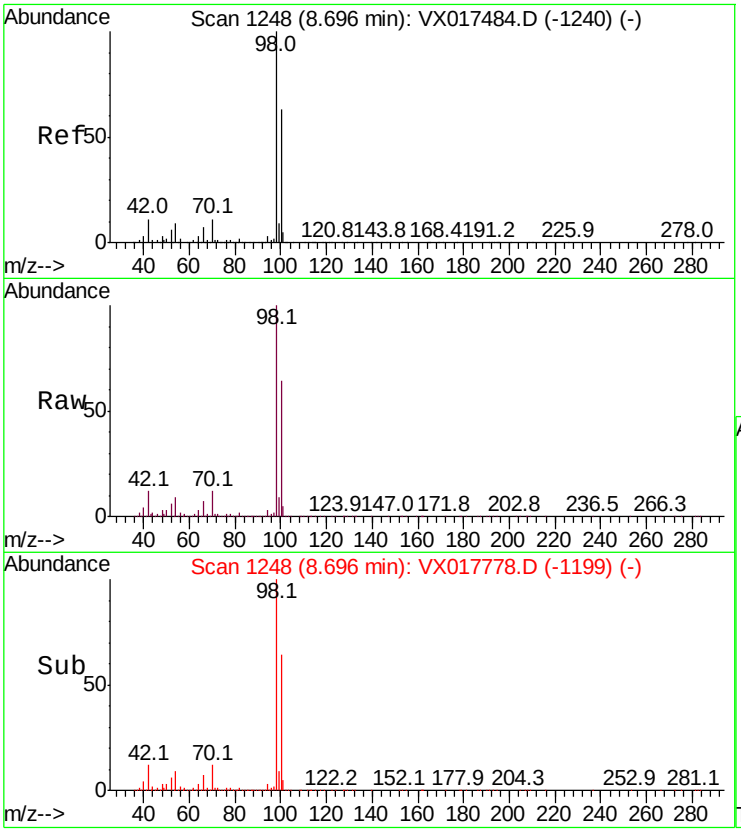


#49
1,4-Dioxane
Concen: 1.120 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 88 Resp: 165

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	870.3	58.3	87.5#



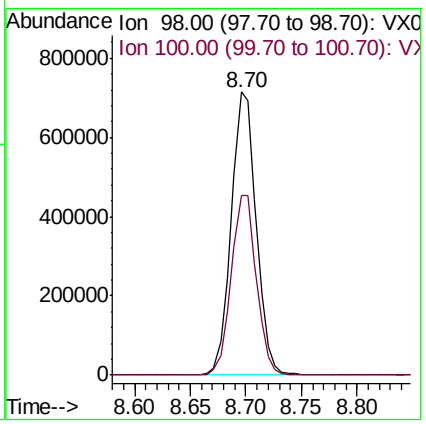


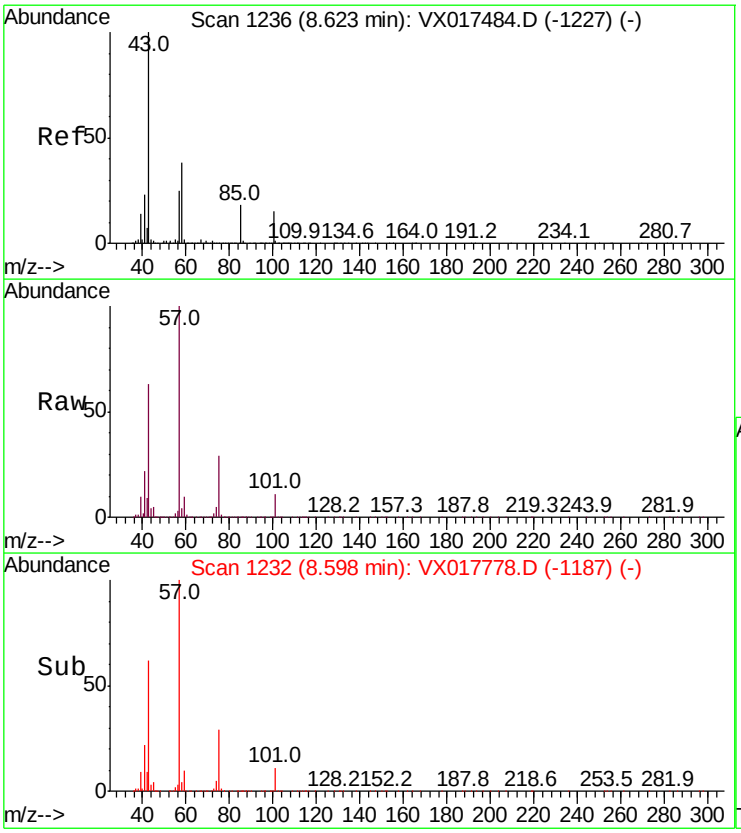
#50
Toluene-d8
Concen: 51.228 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 98 Resp: 1106888

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.3	78.5

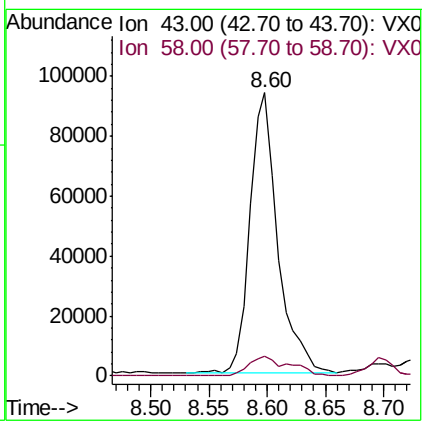


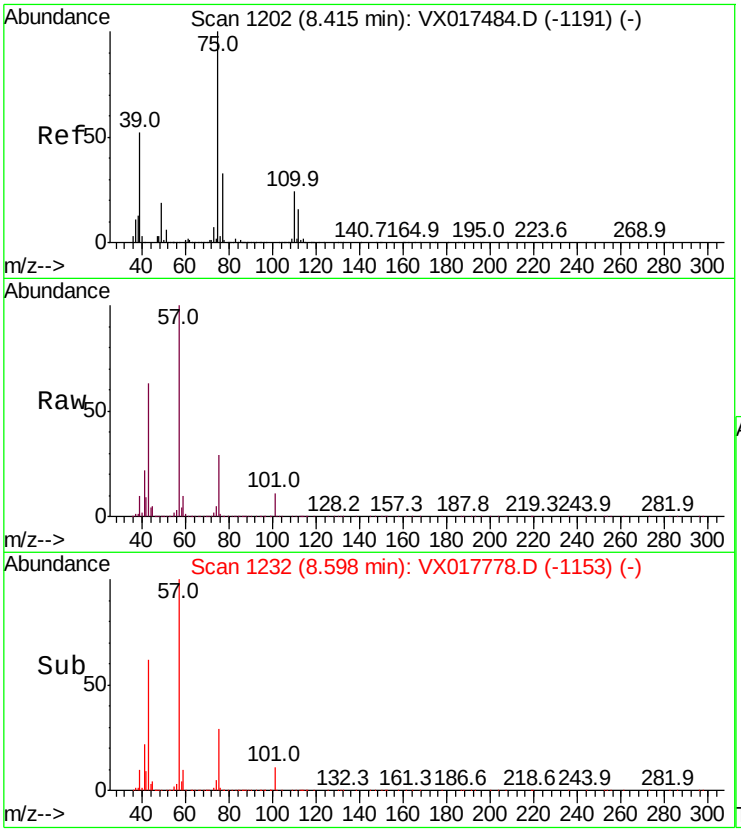


#51
4-Methyl-2-Pentanone
Concen: 16.846 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 43 Resp: 155861

Ion	Ratio	Lower	Upper
43	100		
58	9.8	31.0	46.4#



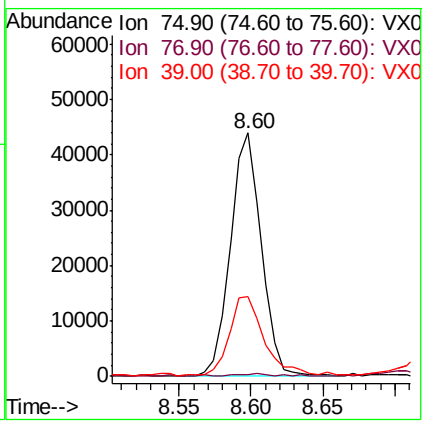


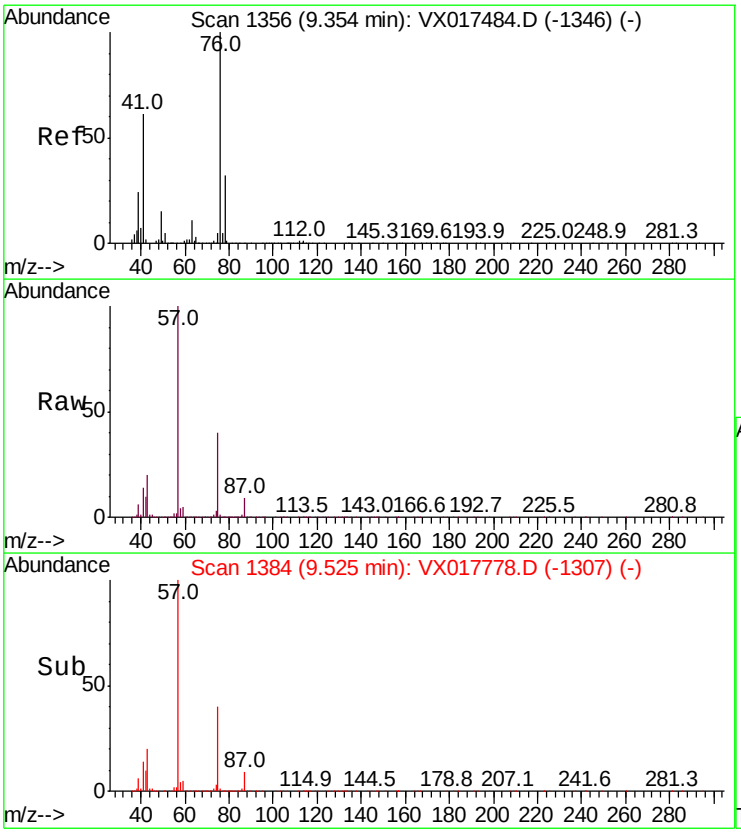
#54
cis-1,3-Dichloropropene
Concen: 5.960 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 75 Resp: 66055

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.5	38.3#
39	32.5	41.8	62.8#

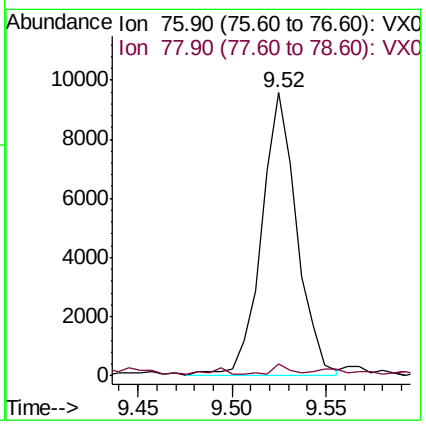


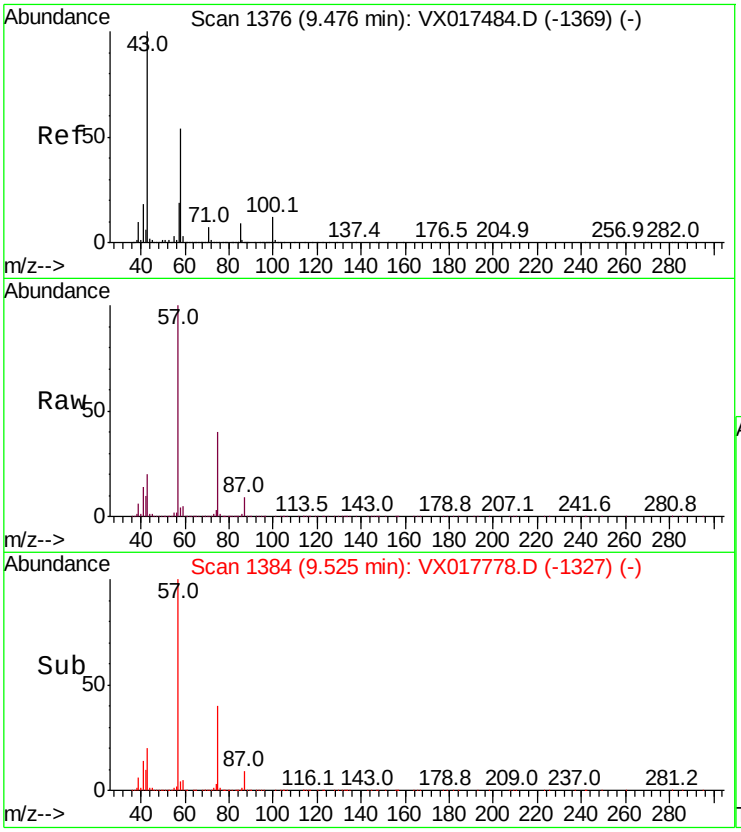


#57
1,3-Dichloropropane
Concen: 1.148 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 76 Resp: 12434

Ion	Ratio	Lower	Upper
76	100		
78	2.0	25.8	38.8#



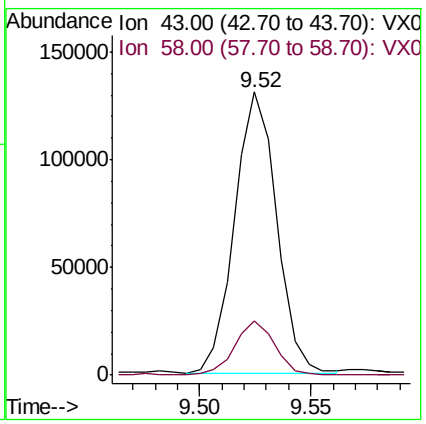


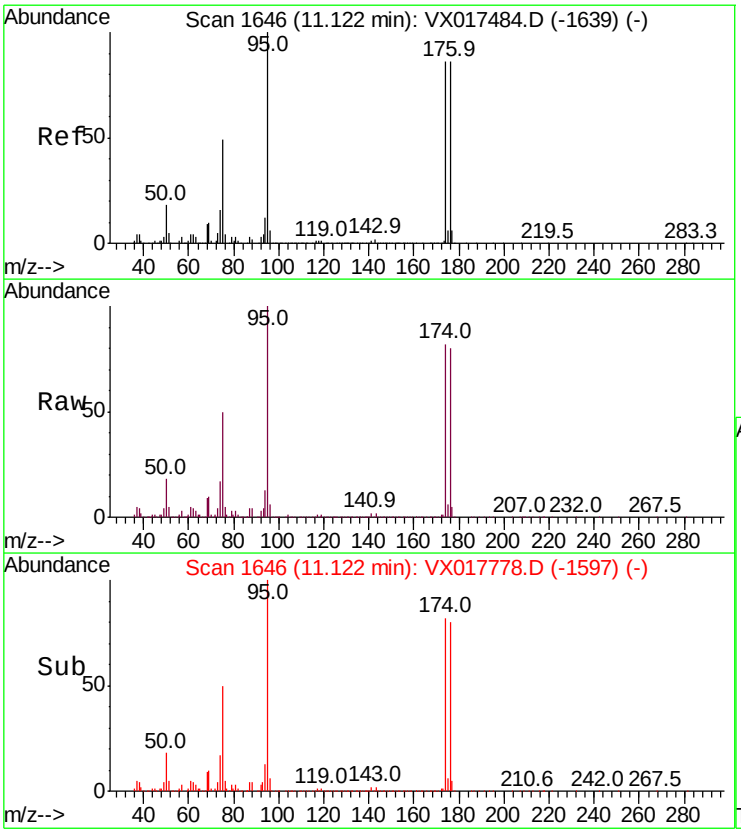
#59
2-Hexanone
Concen: 24.638 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 43 Resp: 171617

Ion	Ratio	Lower	Upper
43	100		
58	18.9	26.6	79.8#

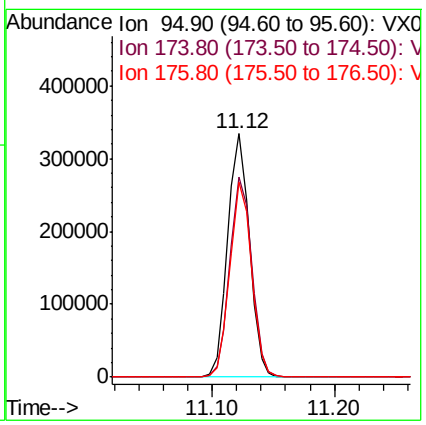


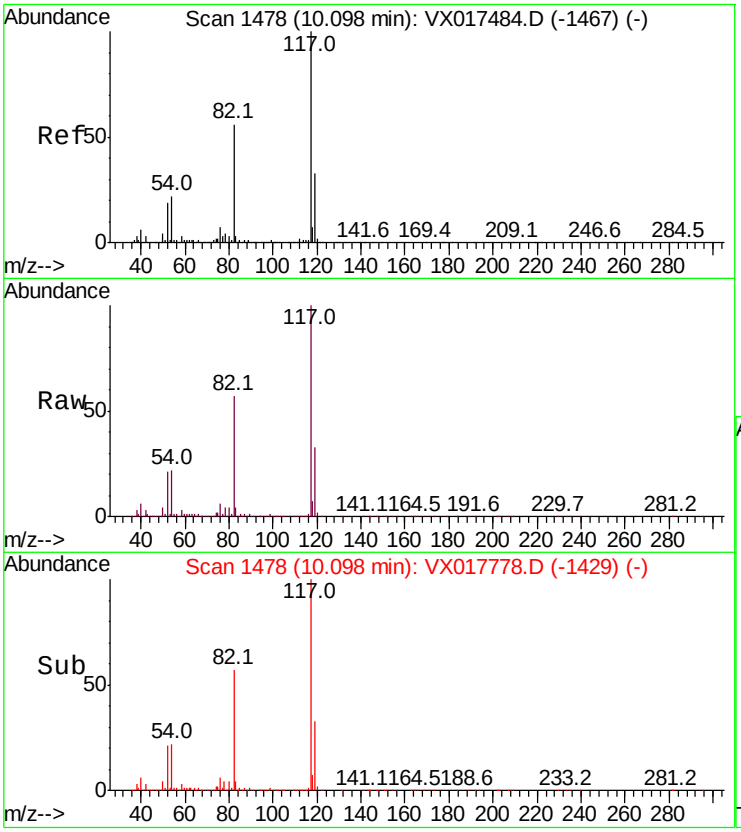


#62
4-Bromofluorobenzene
Concen: 47.356 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 95 Resp: 409498

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	169.0
176	79.8	0.0	161.0



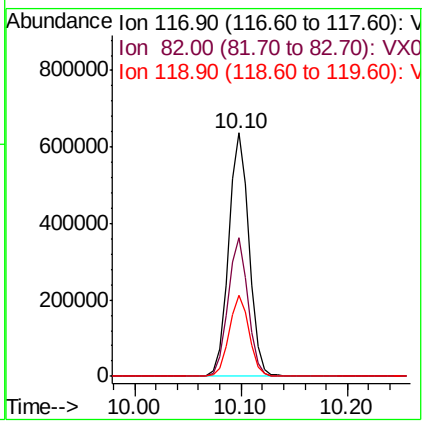


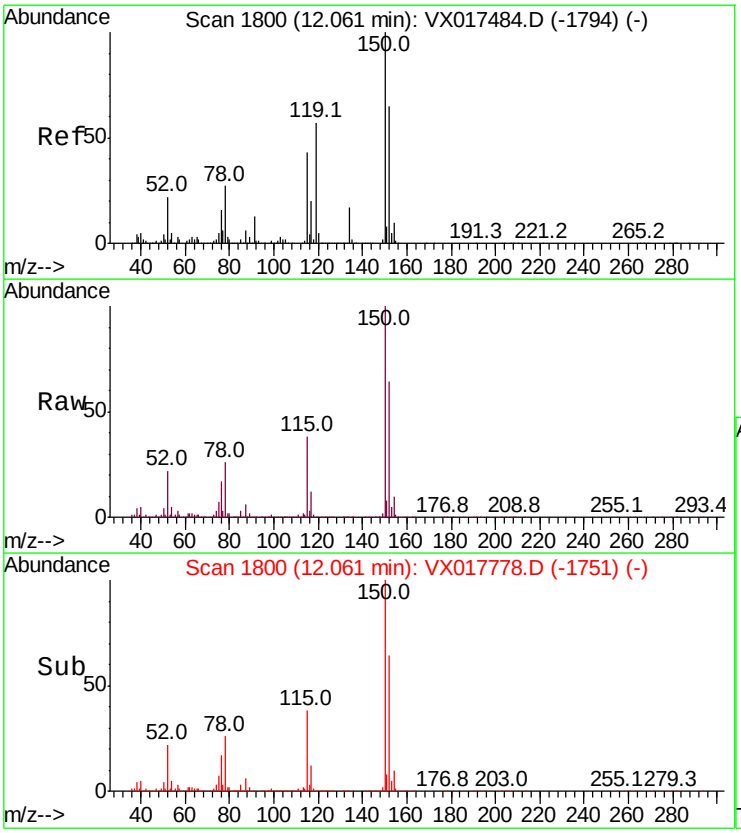
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion:117 Resp: 852625

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.0	66.0
119	33.1	25.4	38.0

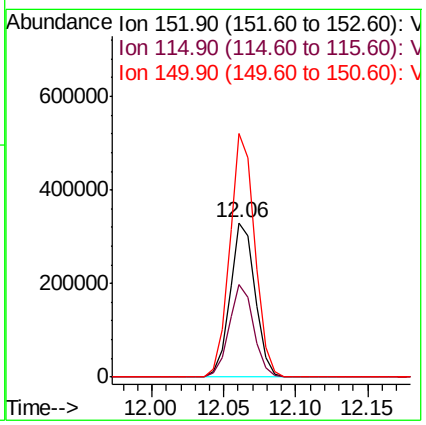


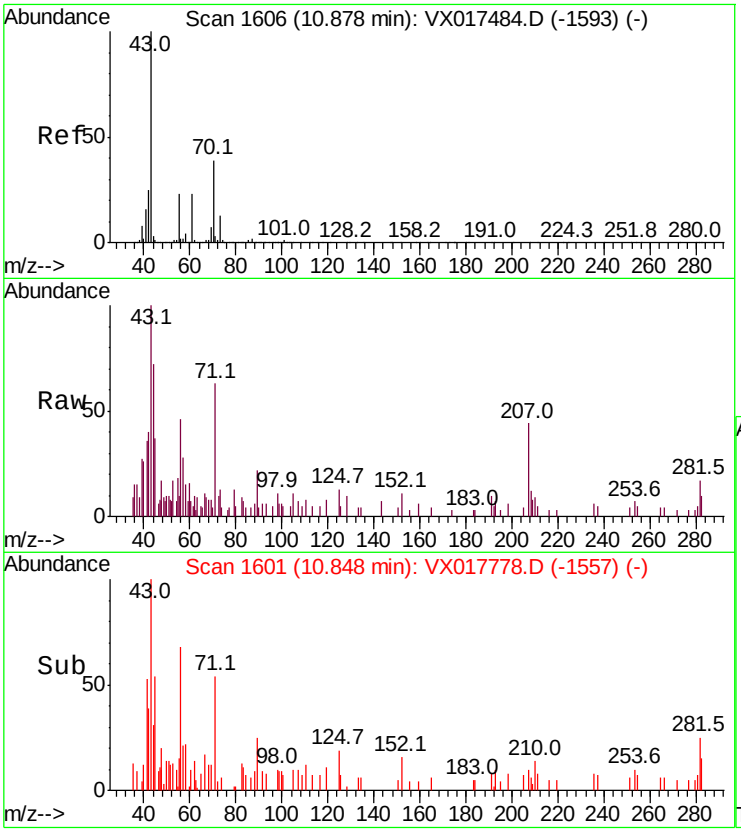


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion:152 Resp: 403463

Ion	Ratio	Lower	Upper
152	100		
115	58.9	65.5	196.6#
150	157.6	0.0	412.6



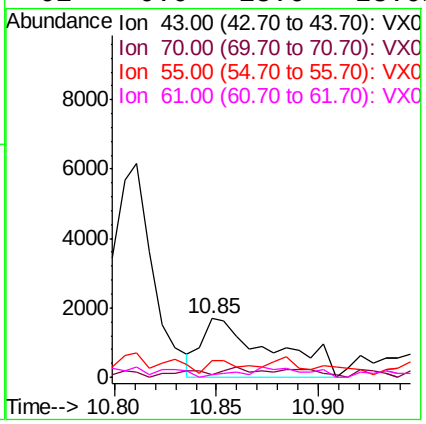


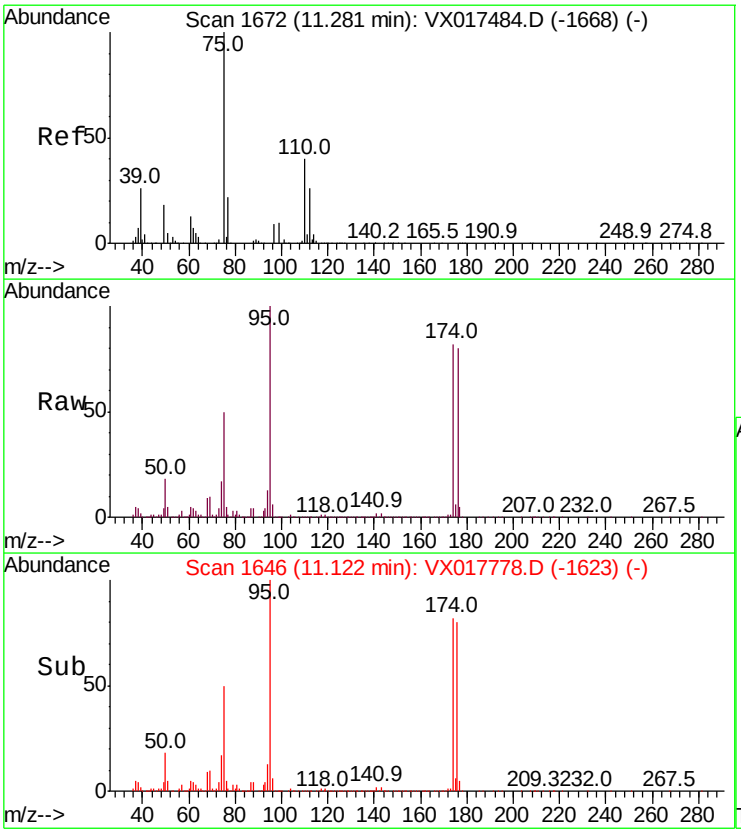
#74
N-amyl acetate
Concen: 0.324 ug/l
RT: 10.85 min Scan# 1601
Delta R.T. -0.03 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument : MSVOA_X
ClientSampleId : PB130720ZHE#19

Tgt Ion: 43 Resp: 3985

Ion	Ratio	Lower	Upper
43	100		
70	6.3	32.3	48.5#
55	12.7	18.4	27.6#
61	0.0	18.6	28.0#

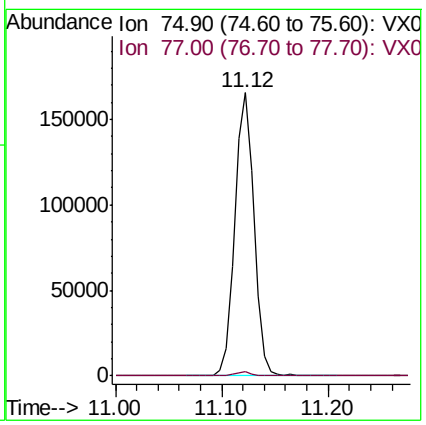


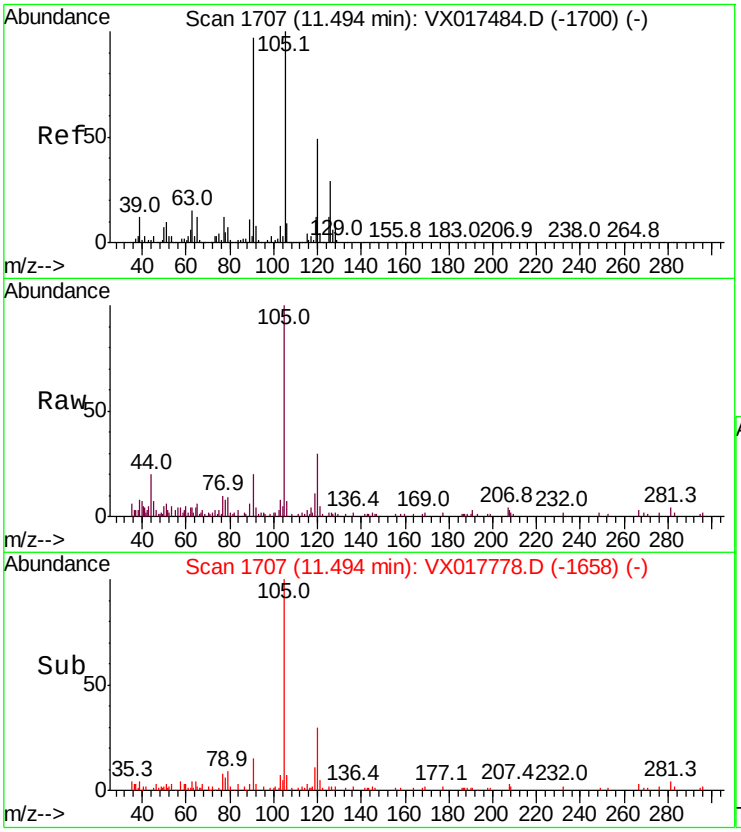


#76
1,2,3-Trichloropropane
Concen: 25.226 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 75 Resp: 209362

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.8	65.3#



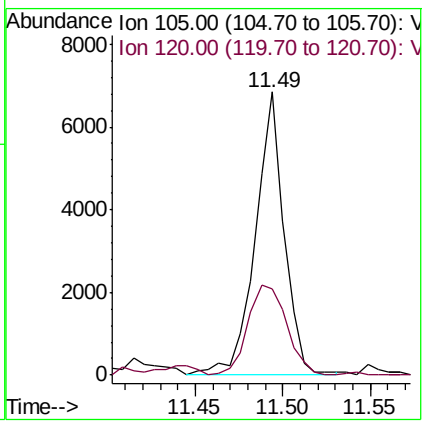


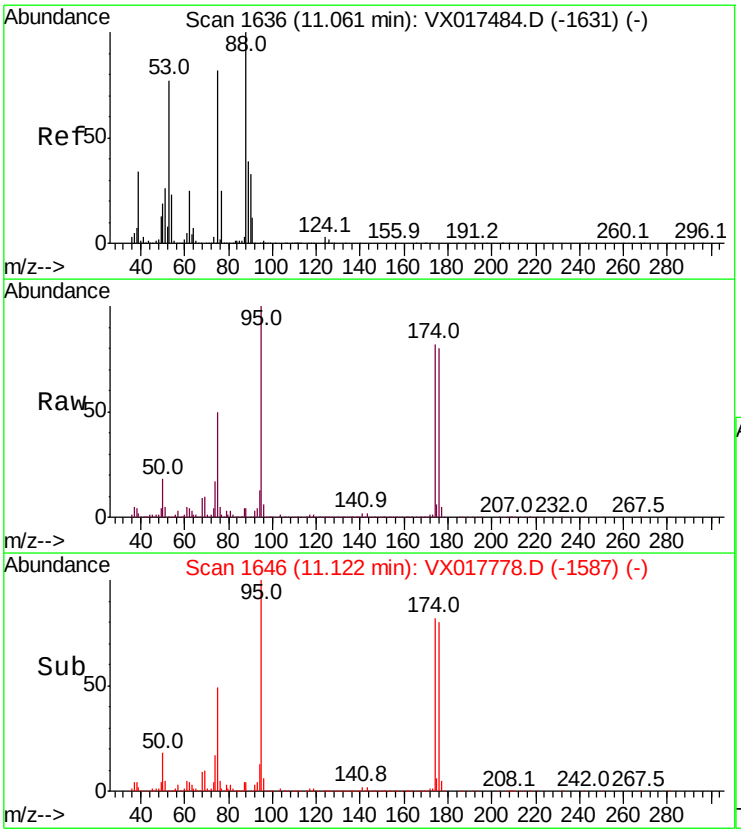
#80
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion:105 Resp: 7841

Ion	Ratio	Lower	Upper
105	100		
120	42.9	24.1	72.3

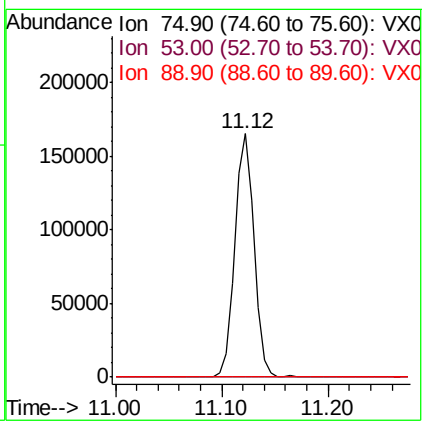


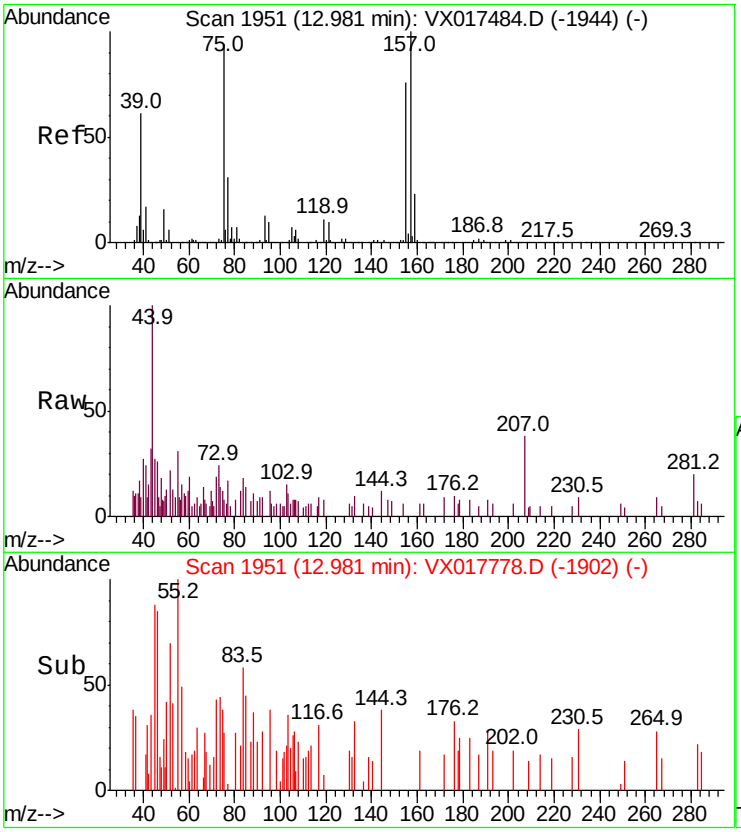


#81
trans-1,4-Dichloro-2-butene
Concen: 63.564 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Tgt Ion: 75 Resp: 209362

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.9	113.9#
89	0.1	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.733 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017778.D
Acq: 04 Aug 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB130720ZHE#19

Tgt Ion: 75 Resp: 404

Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.3	126.8#
157	11.9	54.3	162.9#