Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017777.D
Acq On : 04 Aug 2020 18:05
Operator : JC/SP
Sample : PB130720ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 05 01:51:13 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	595016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	929379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	899442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	431103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	396207	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.68%			
35) Dibromofluoromethane	5.47	113	311115	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	8.70	98	1144187	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.06%			
62) 4-Bromofluorobenzene	11.12	95	421992	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	488	Below Cal		78
3) Chloromethane	1.33	50	573	0.444	ug/l #	1
5) Bromomethane	1.62	94	254	Below Cal	#	3
6) Chloroethane	1.73	64	320	Below Cal		97
8) Diethyl Ether	2.11	74	467	Below Cal		90
11) Tert butyl alcohol	3.01	59	1831	1.137	ug/l #	75
13) Acrolein	2.25	56	271	4.365	ug/l #	1
16) Acetone	2.42	43	38285	11.381	ug/l	100
18) Methyl Acetate	2.75	43	9753	1.231	ug/l	96
20) Methylene Chloride	2.84	84	30629	3.644	ug/l	92
25) 2-Butanone	4.65	43	6161	1.289	ug/l #	90
29) Tetrahydrofuran	5.10	42	912	0.308	ug/l #	20
31) Cyclohexane	5.64	56	13058	1.385	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	44357	4.976	ug/l #	53
38) Carbon Tetrachloride	5.64	117	61946	5.723	ug/l #	17
43) Isopropyl Acetate	6.42	43	162149	10.077	ug/l	99
44) Trichloroethene	7.20	130	2211	0.296	ug/l	10
48) Methyl methacrylate	7.85	41	271418	34.027	ug/l #	45
49) 1,4-Dioxane	7.71	88	257	1.681	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	155645	16.211	ug/l #	46
54) cis-1,3-Dichloropropene	8.60	75	65584	5.702	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	13310	1.184	ug/l #	46
59) 2-Hexanone	9.52	43	181183	25.065	ug/l #	50
76) 1,2,3-Trichloropropane	11.12	75	219683	24.773	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	7678	0.304	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.12	75	219683	62.421	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	135	2.626	ug/l #	1

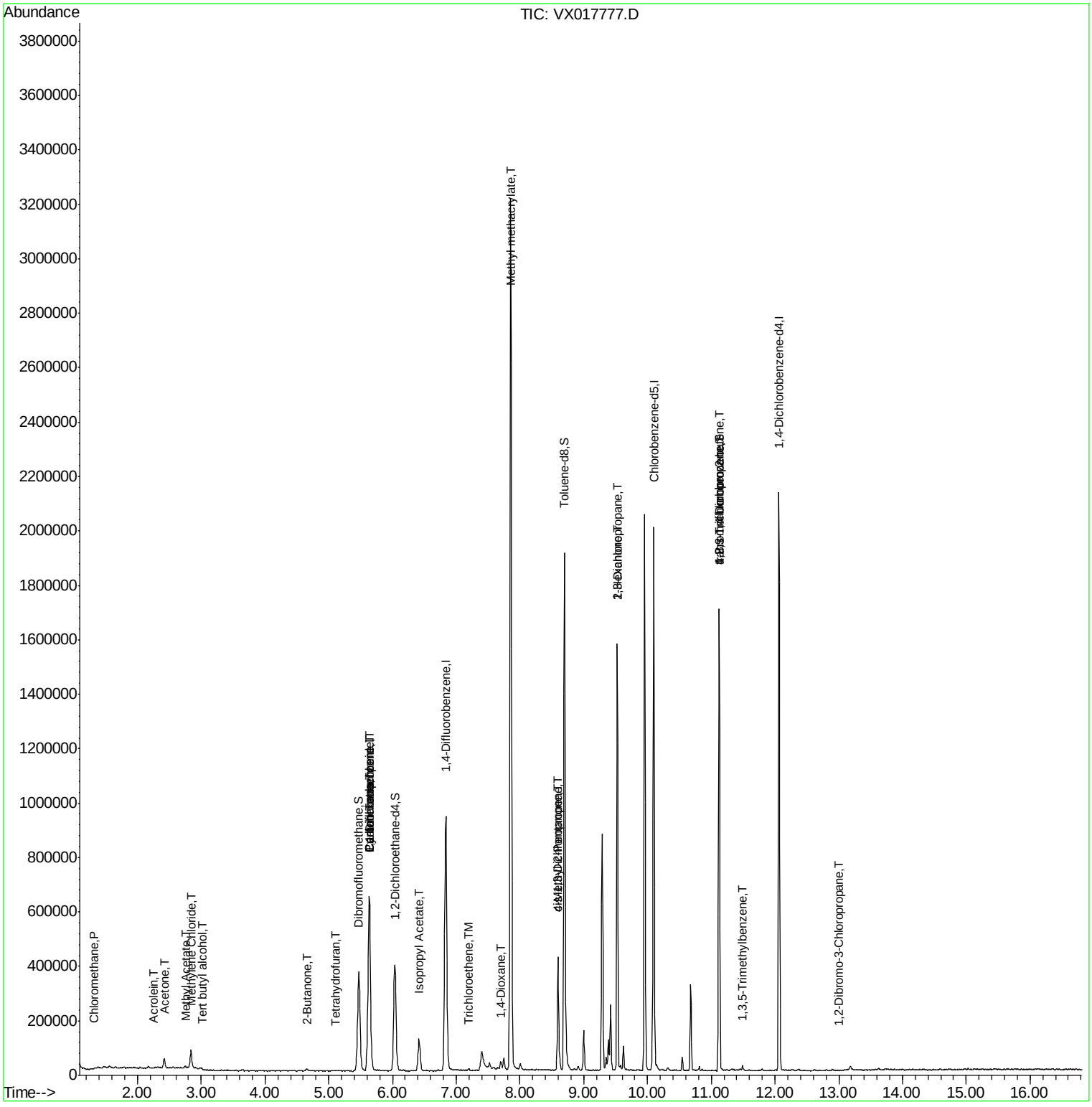
(#) = qualifier out of range (m) = manual integration (+) = signals summed

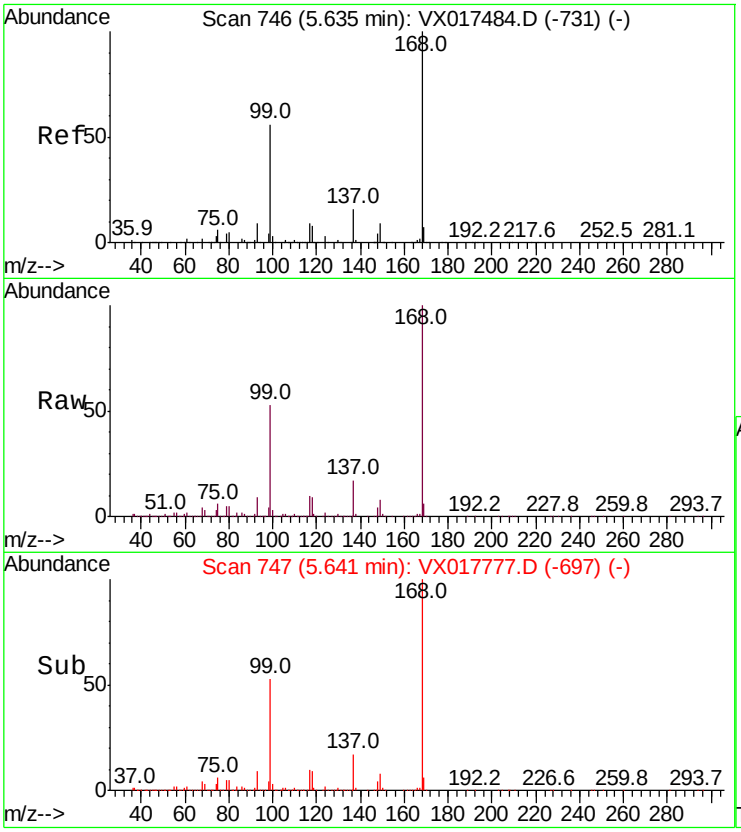
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
Data File : VX017777.D
Acq On : 04 Aug 2020 18:05
Operator : JC/SP
Sample : PB130720ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 05 01:51:13 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



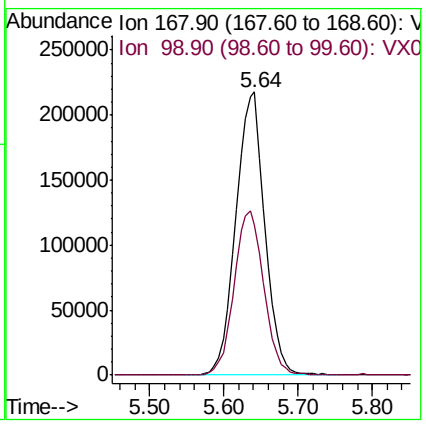


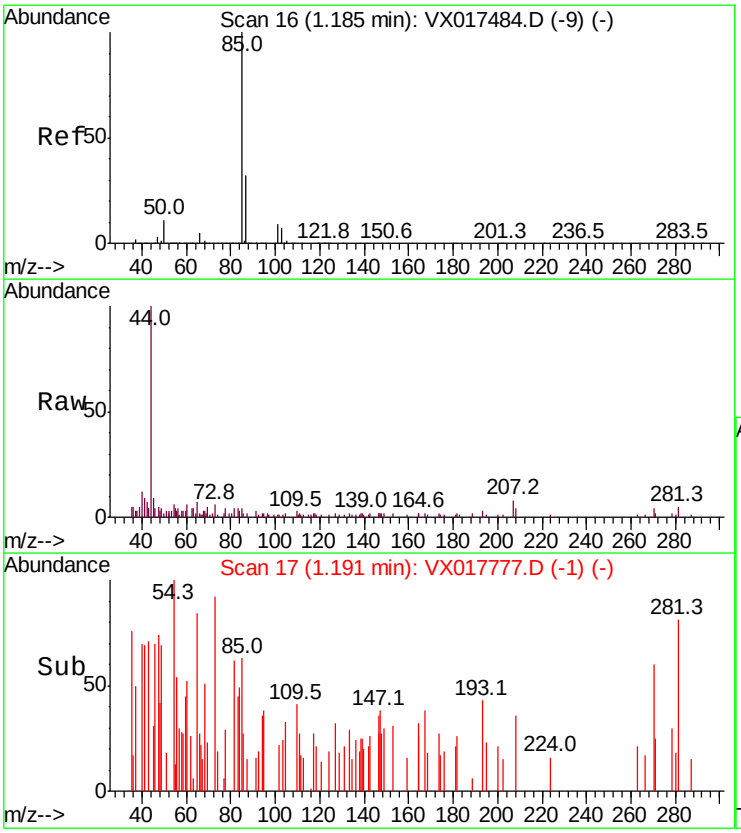
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 747
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 595016

Ion	Ratio	Lower	Upper
168	100		
99	52.9	43.4	65.2

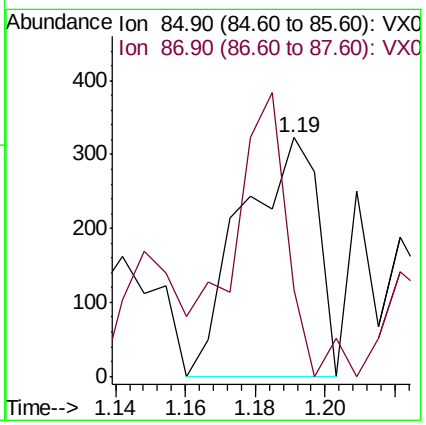


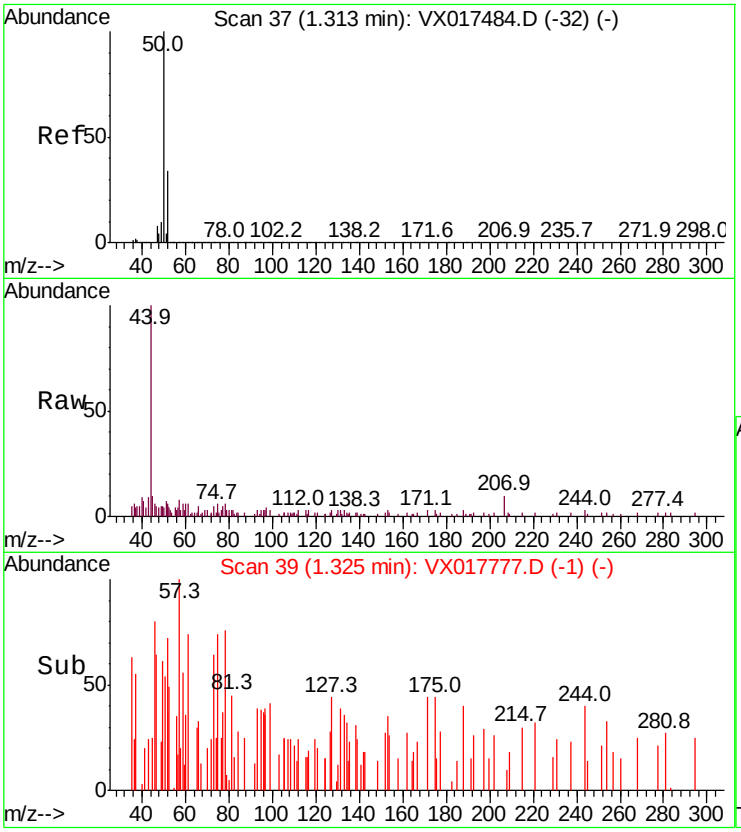


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.19 min Scan# 17
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 85 Resp: 488

Ion	Ratio	Lower	Upper
85	100		
87	20.1	16.1	48.3



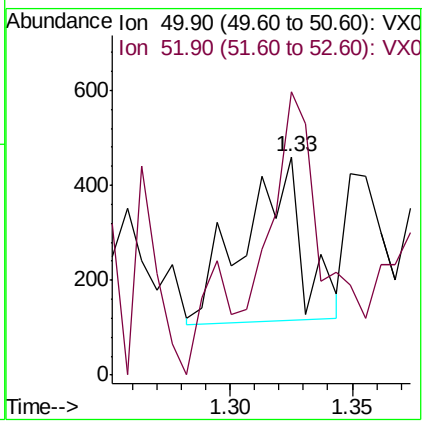


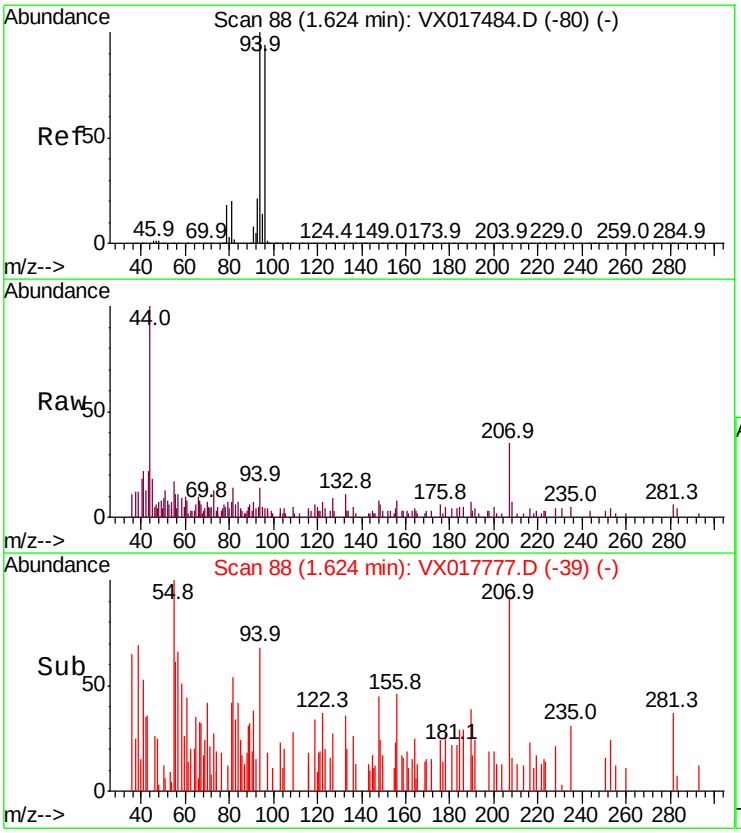
#3
Chloromethane
Concen: 0.444 ug/l
RT: 1.33 min Scan# 39
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 573

Ion	Ratio	Lower	Upper
50	100		
52	176.1	25.9	38.9#

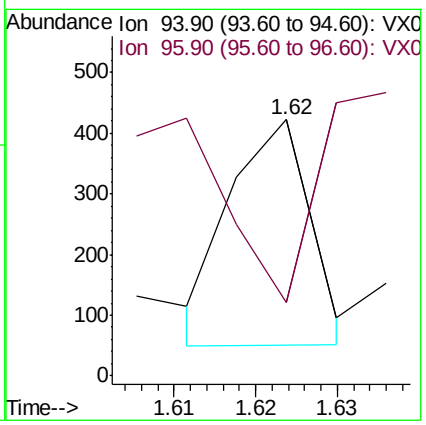


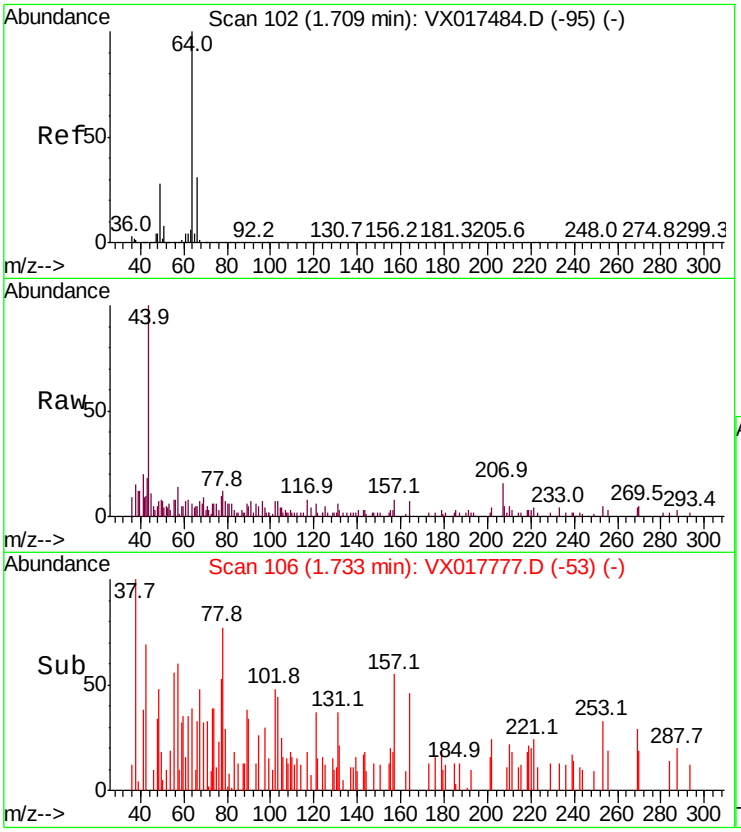


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 94 Resp: 254

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.1	111.1#



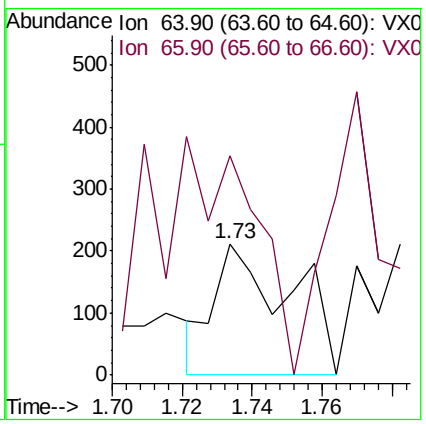


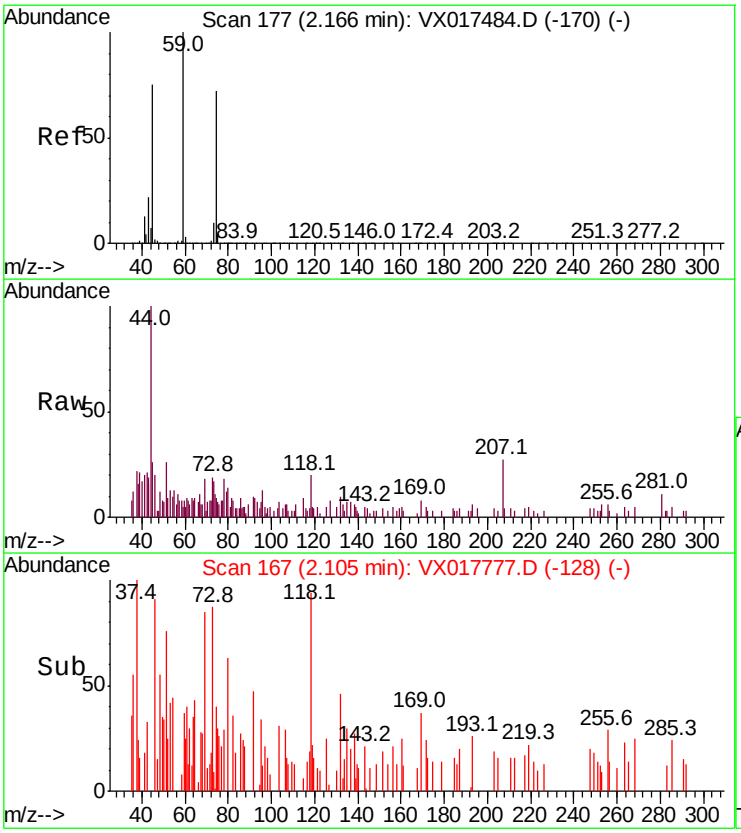
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 106
Delta R.T. 0.02 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 320

Ion	Ratio	Lower	Upper
64	100		
66	29.7	24.9	37.3

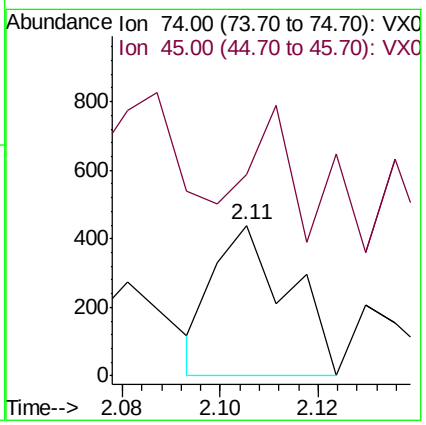


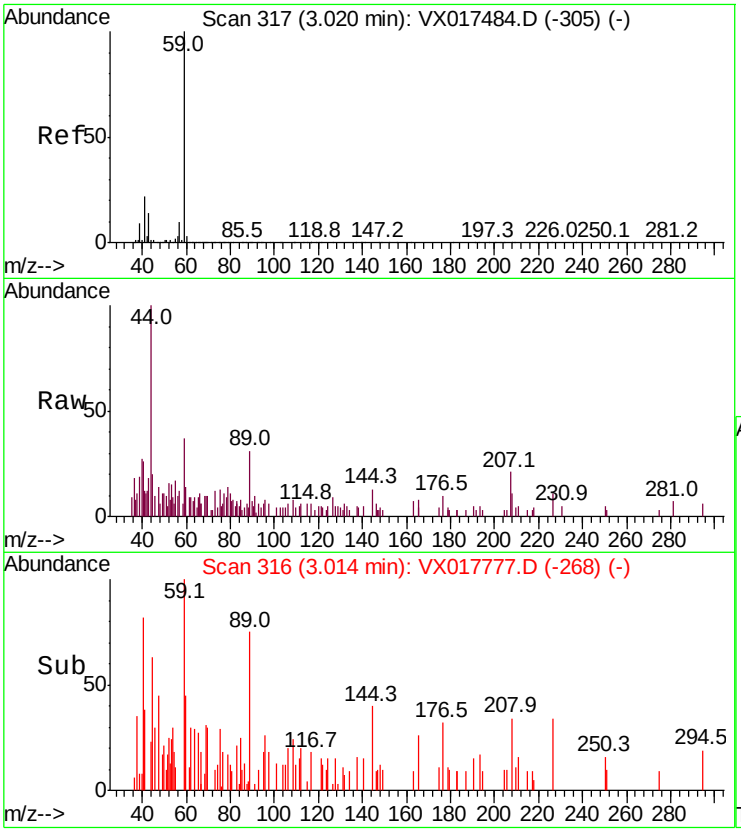


#8
Diethyl Ether
Concen: Below Cal
RT: 2.11 min Scan# 167
Delta R.T. -0.06 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 74 Resp: 467

Ion	Ratio	Lower	Upper
74	100		
45	91.9	50.8	152.5



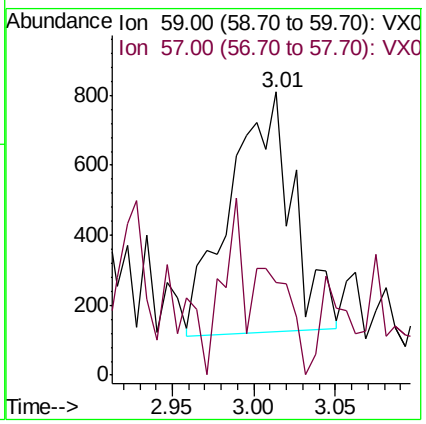


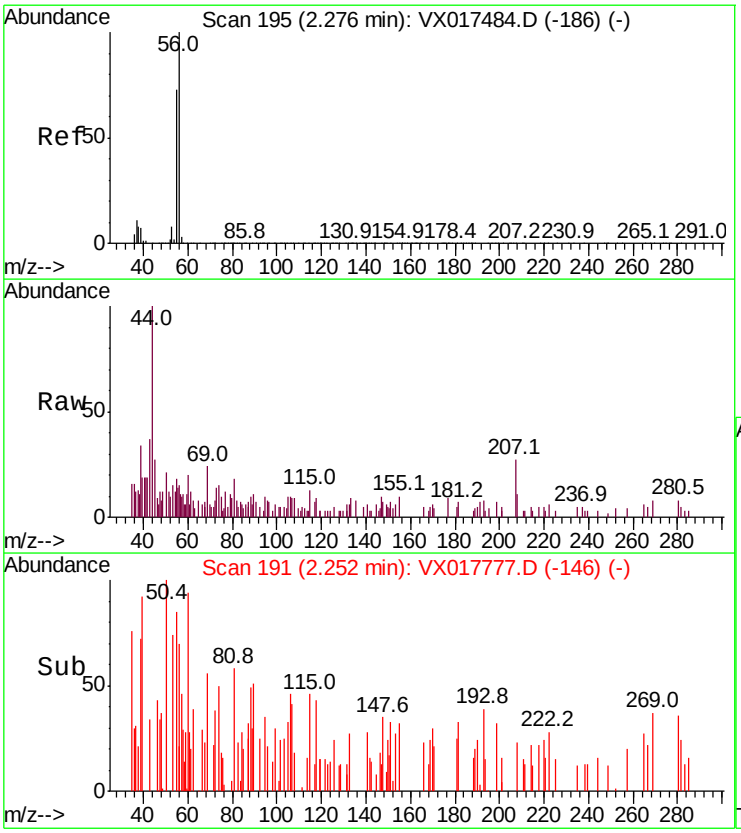
#11
Tert butyl alcohol
Concen: 1.137 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1831

Ion	Ratio	Lower	Upper
59	100		
57	19.9	8.6	12.8#

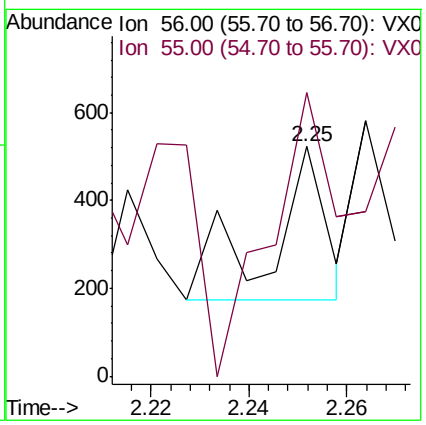


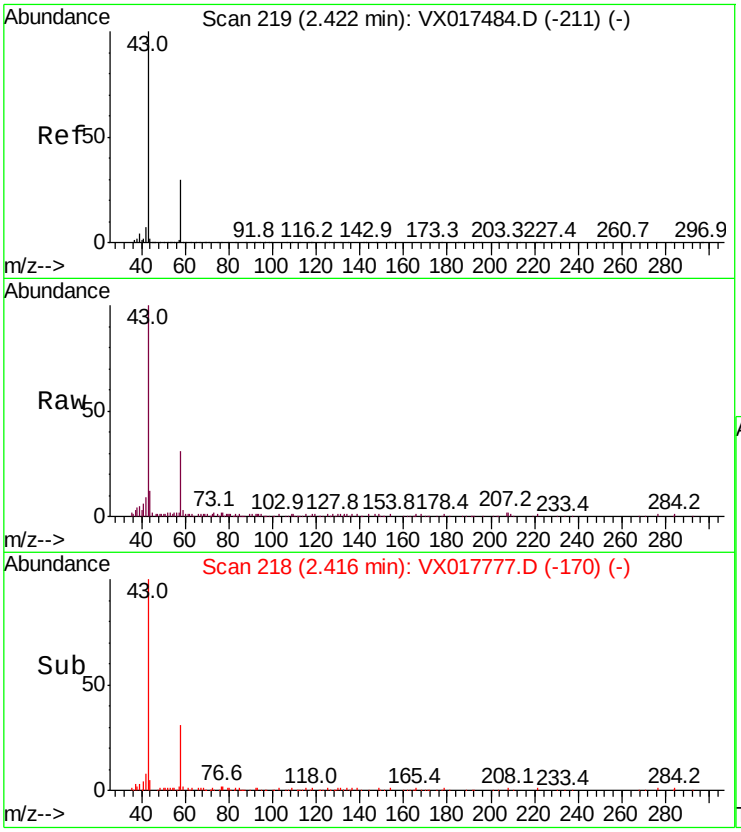


#13
Acrolein
Concen: 4.365 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	214.4	57.4	86.2#



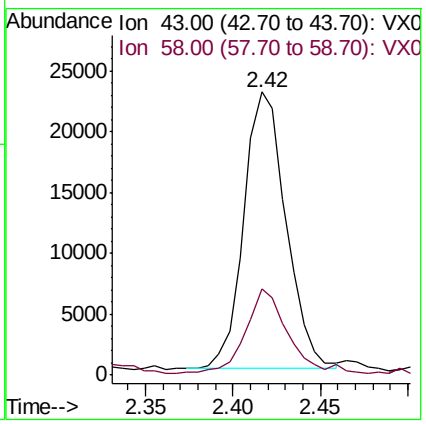


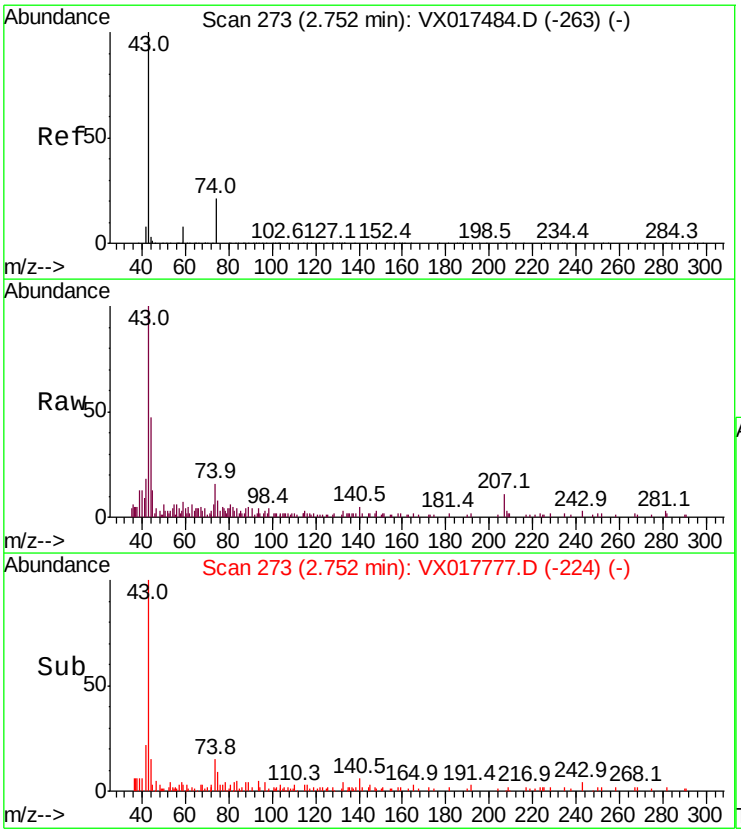
#16
Acetone
Concen: 11.381 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 38285

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.2	36.4

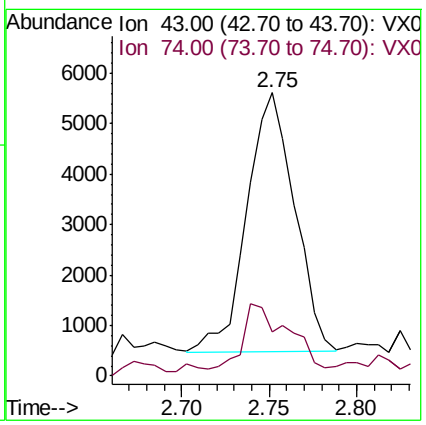


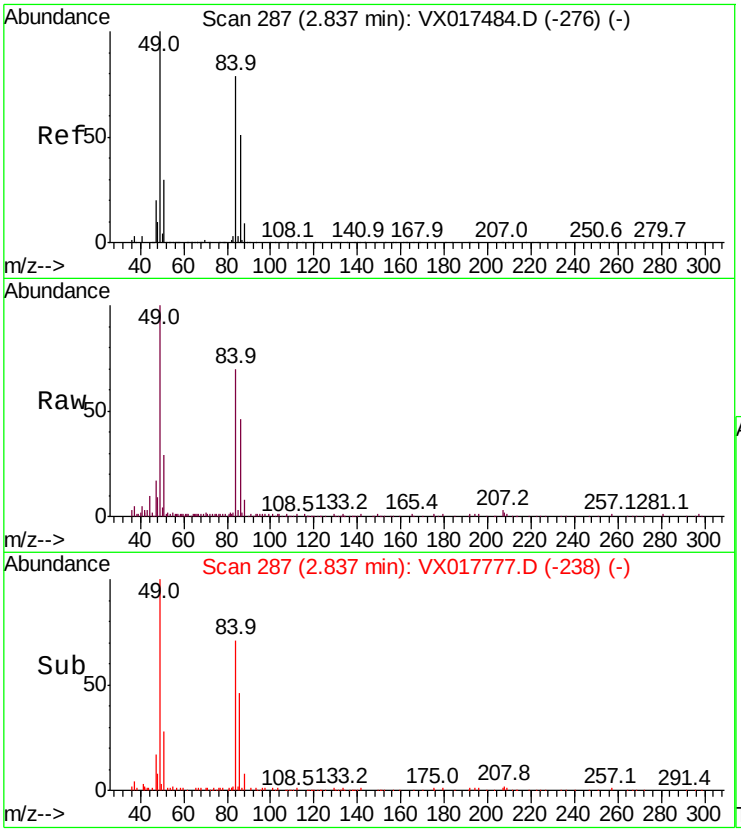


#18
Methyl Acetate
Concen: 1.231 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 43 Resp: 9753

Ion	Ratio	Lower	Upper
43	100		
74	23.7	17.5	26.3



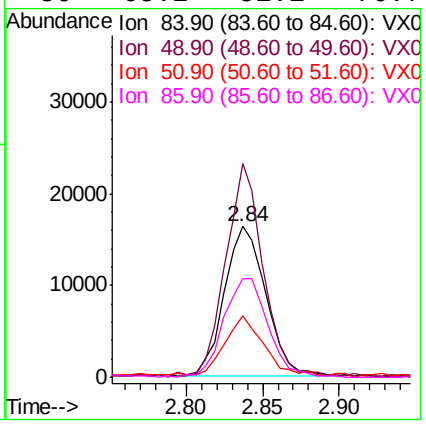


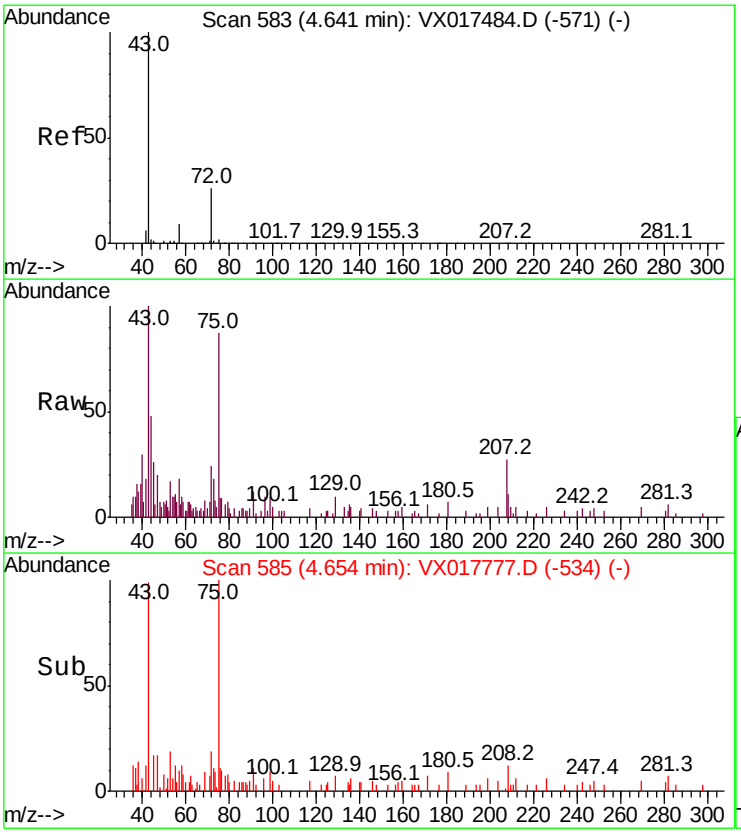
#20
Methylene Chloride
Concen: 3.644 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 30629

Ion	Ratio	Lower	Upper
84	100		
49	141.0	100.3	150.5
51	39.0	30.5	45.7
86	65.2	51.1	76.7

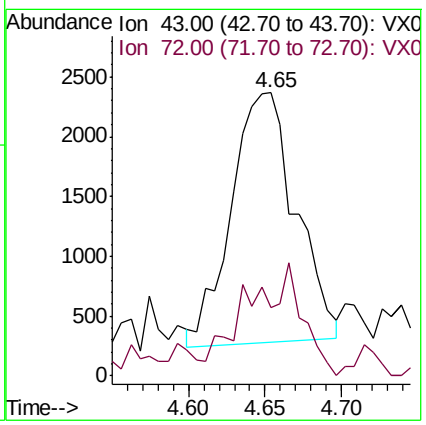


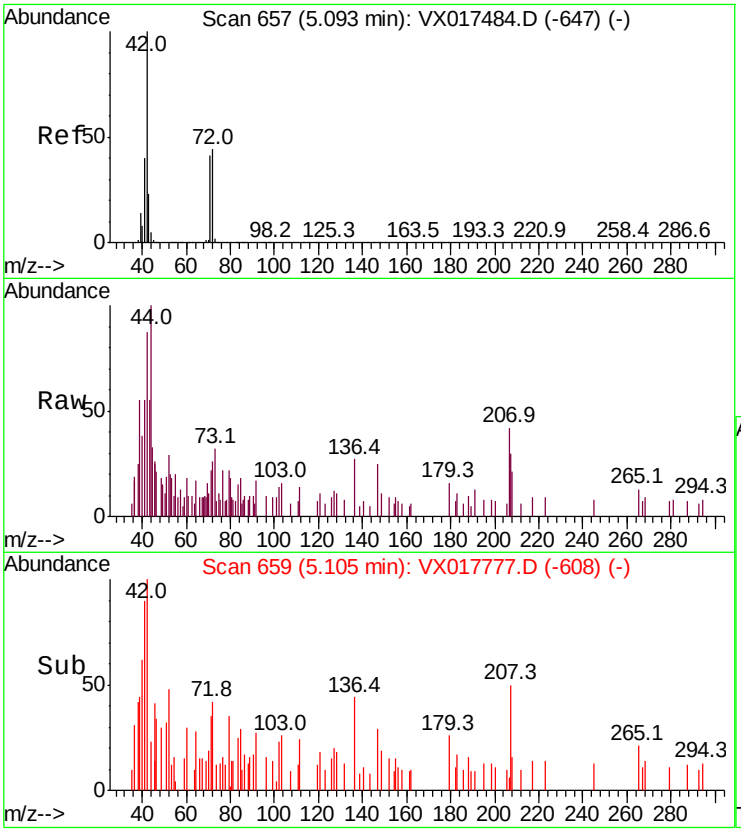


#25
2-Butanone
Concen: 1.289 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 43 Resp: 6161

Ion	Ratio	Lower	Upper
43	100		
72	28.7	19.0	28.4#



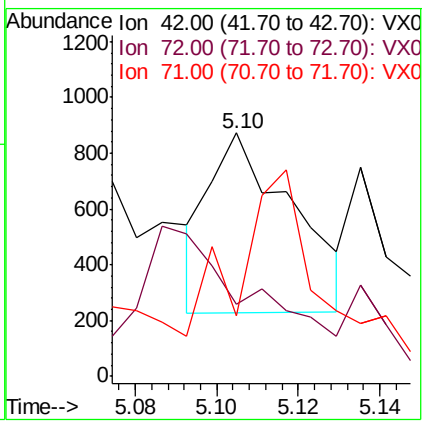


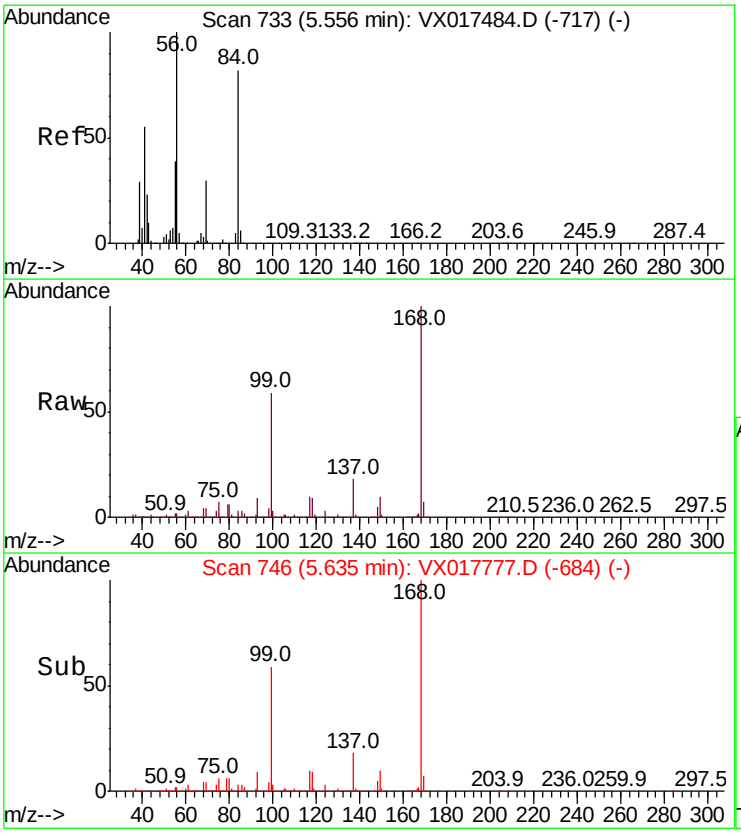
#29
Tetrahydrofuran
Concen: 0.308 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 912

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.5	53.3#
71	99.0	33.0	49.4#

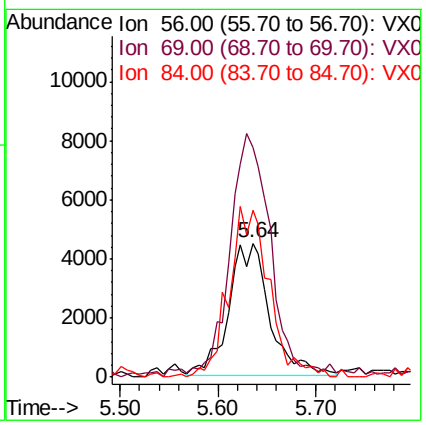


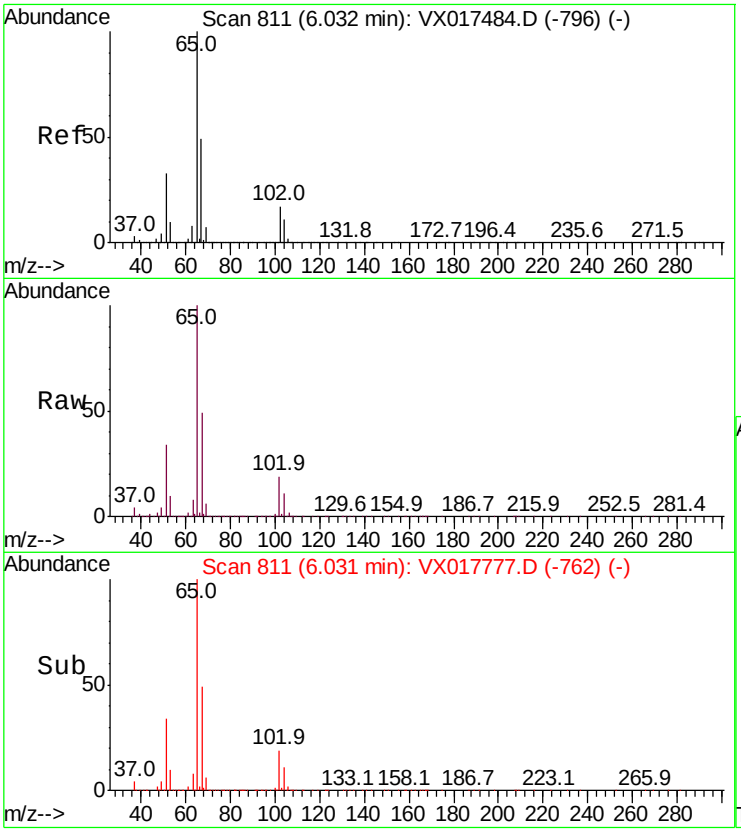


#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.08 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 56 Resp: 13058

Ion	Ratio	Lower	Upper
56	100		
69	171.5	24.2	36.4#
84	127.4	69.0	103.6#



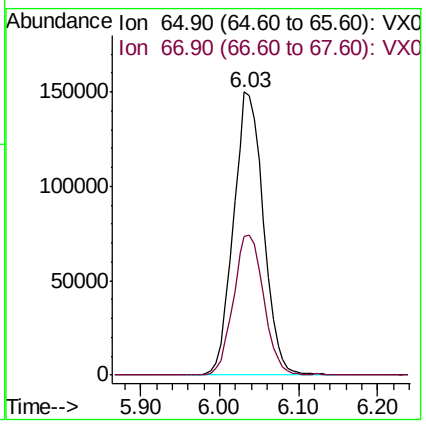


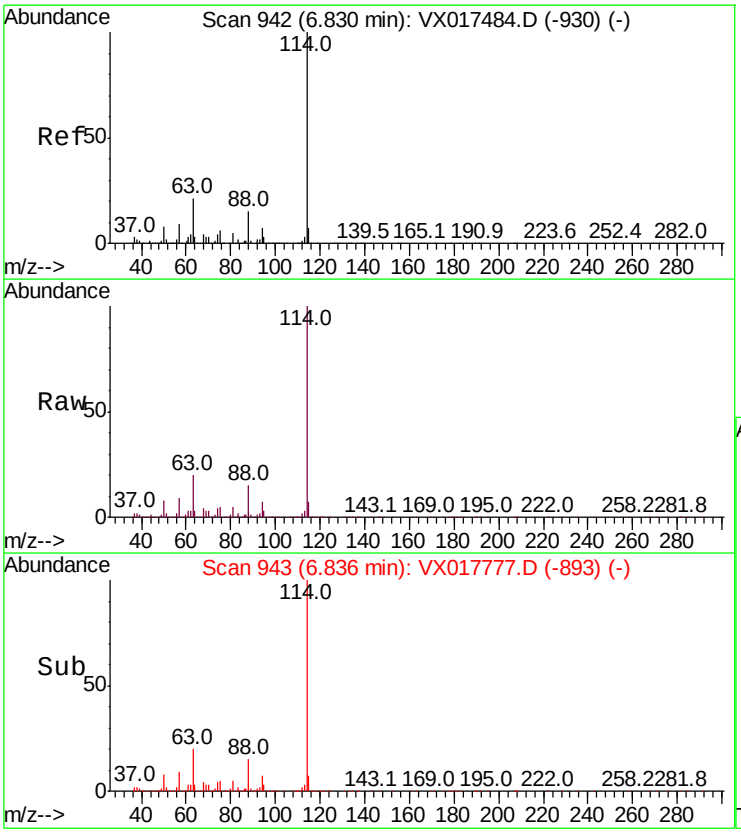
#33
1,2-Dichloroethane-d4
Concen: 51.838 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 396207

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.8

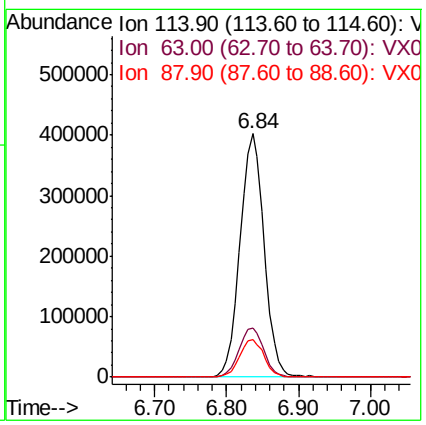


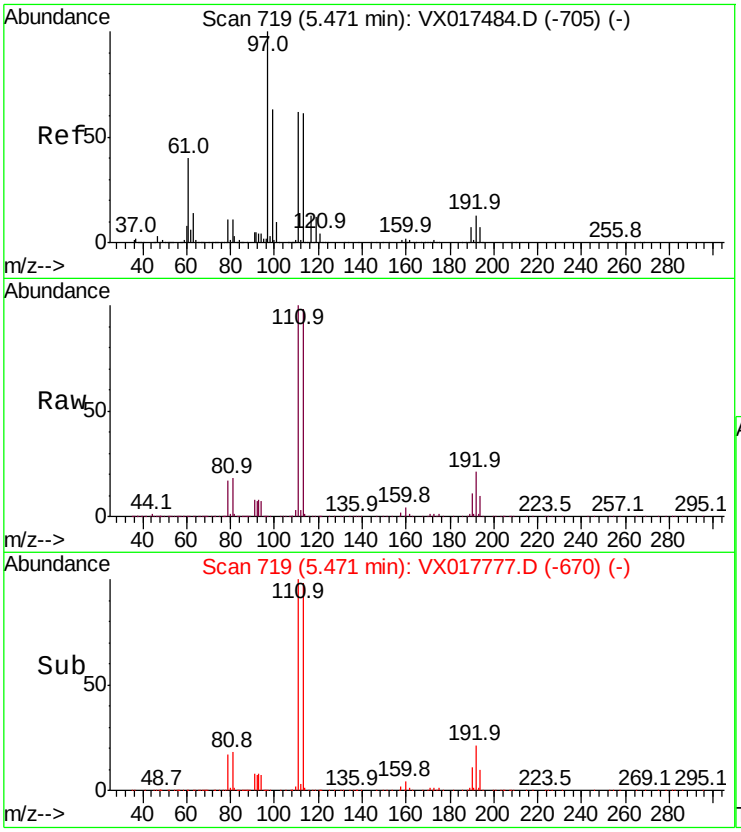


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion:114 Resp: 929379

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.6
88	15.4	0.0	33.4



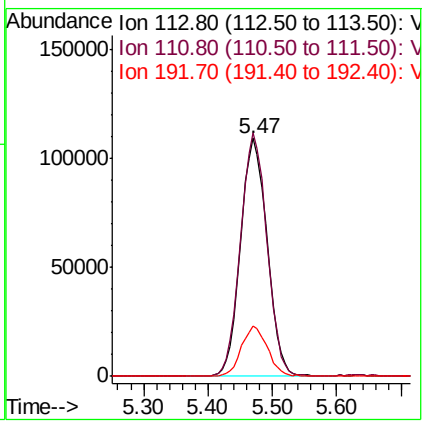


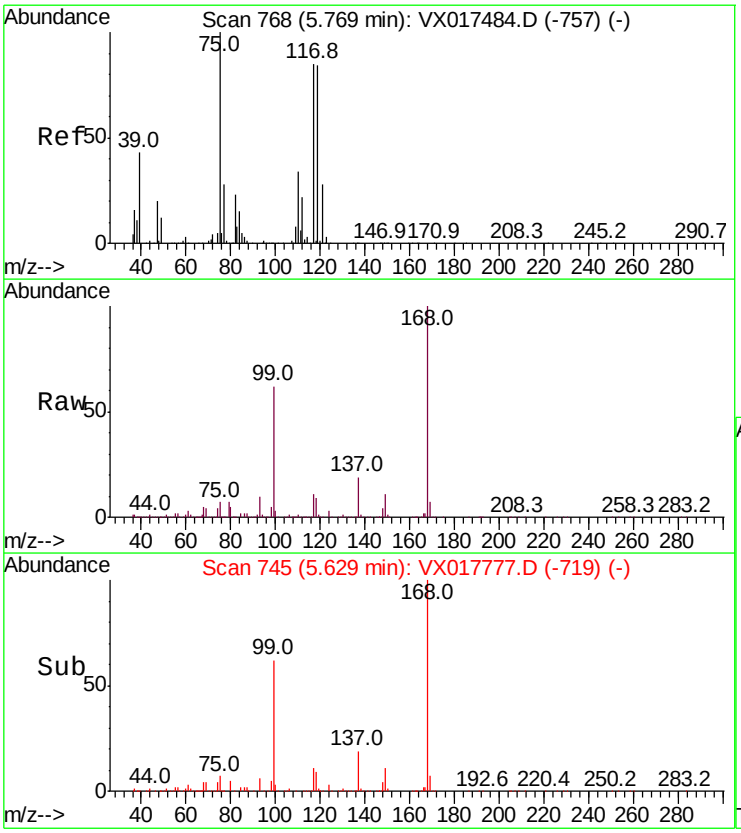
#35
Dibromofluoromethane
Concen: 50.053 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 311115

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	20.5	16.9	25.3

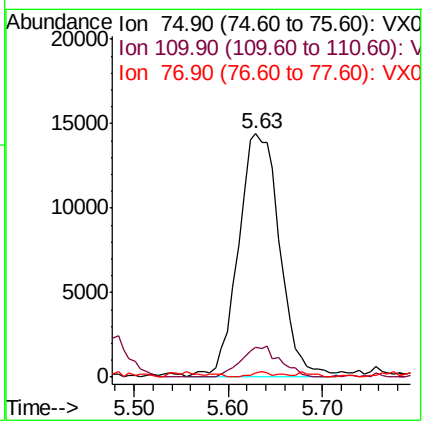


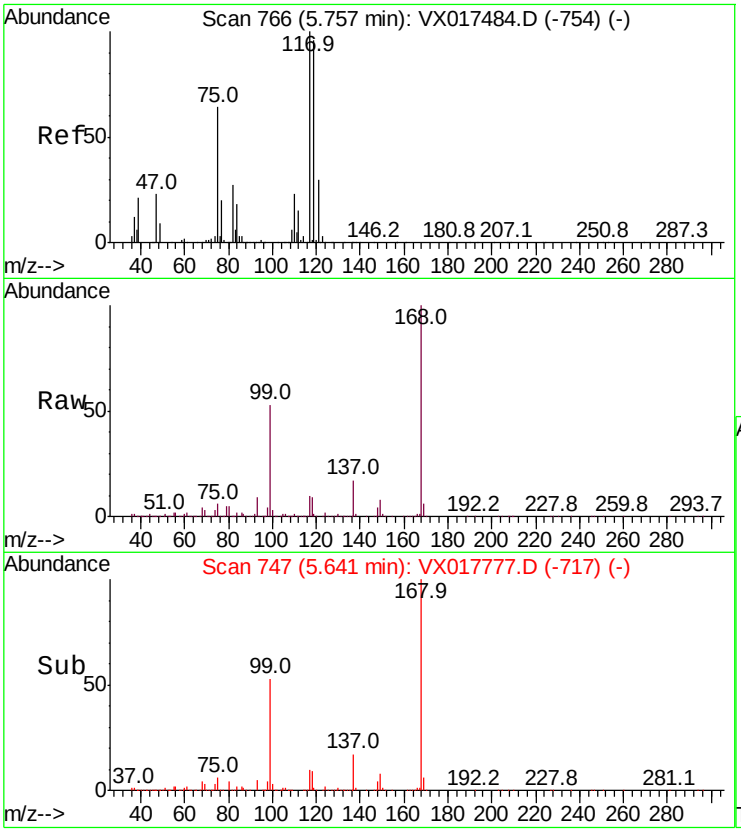


#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 75 Resp: 44357

Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.1	54.3#
77	1.3	24.6	37.0#



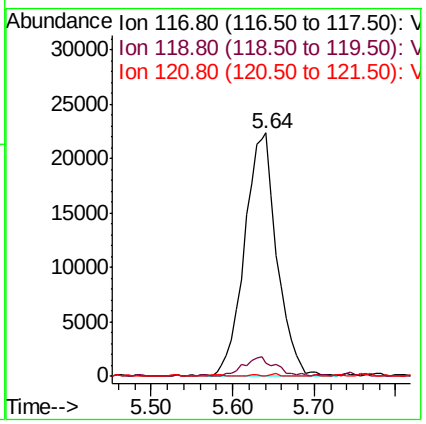


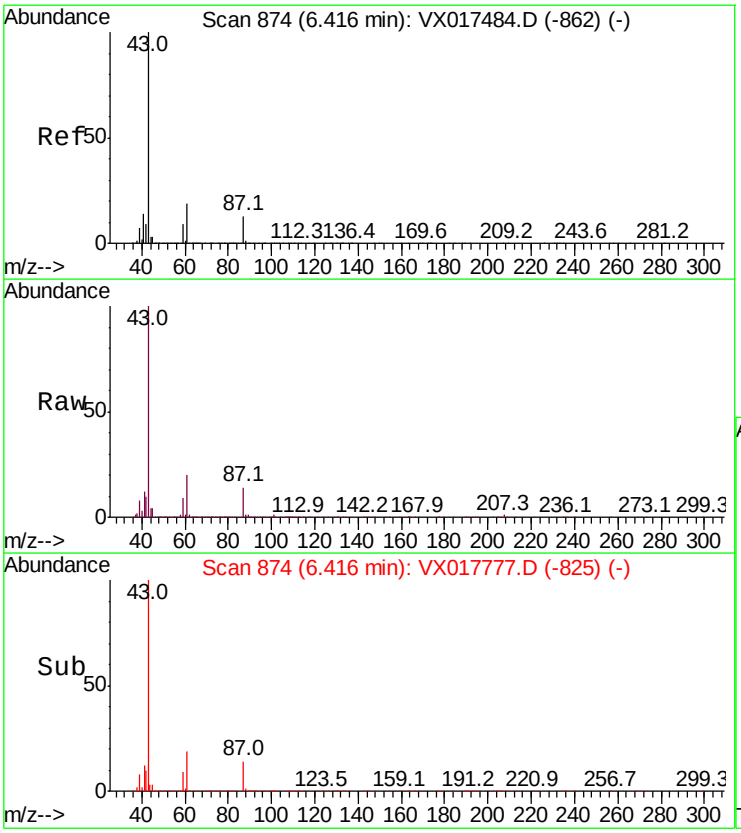
#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.64 min Scan# 747
Delta R.T. -0.12 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 61946

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	24.3	36.5#

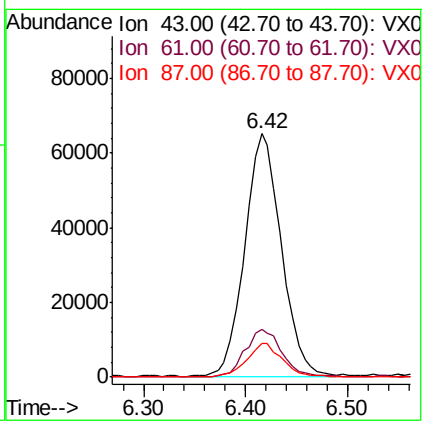


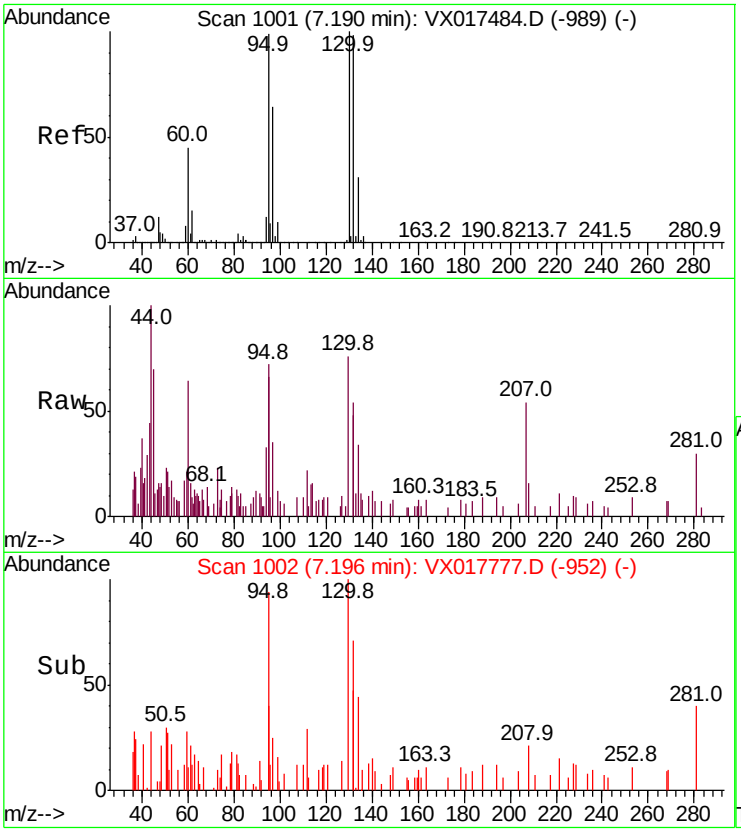


#43
Isopropyl Acetate
Concen: 10.077 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 43 Resp: 162149

Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	13.5	10.5	15.7



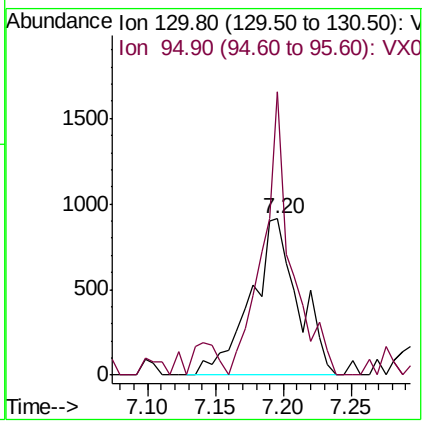


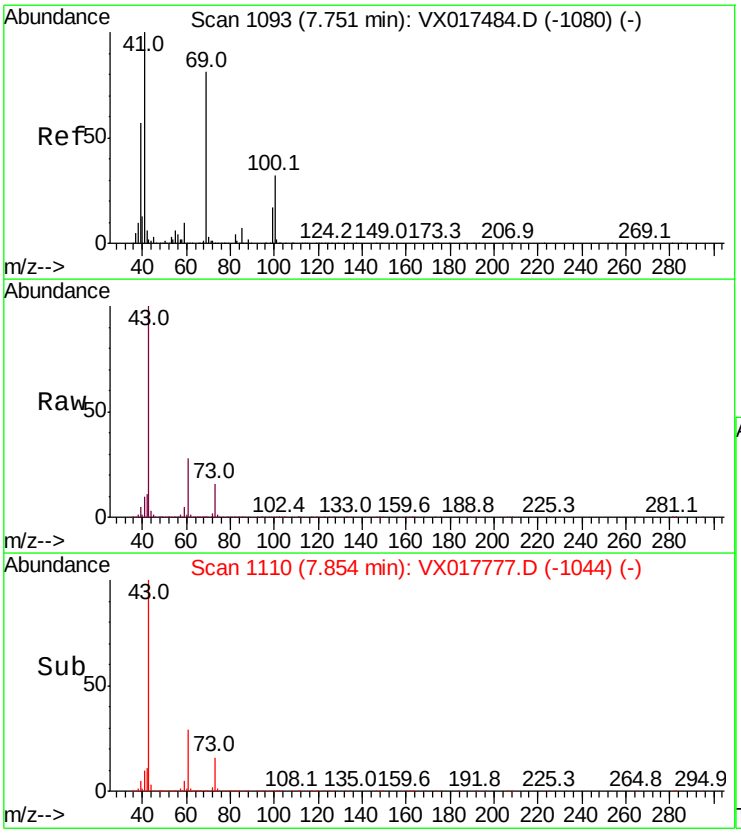
#44
Trichloroethene
Concen: 0.296 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 2211

Ion	Ratio	Lower	Upper
130	100		
95	181.4	0.0	189.0

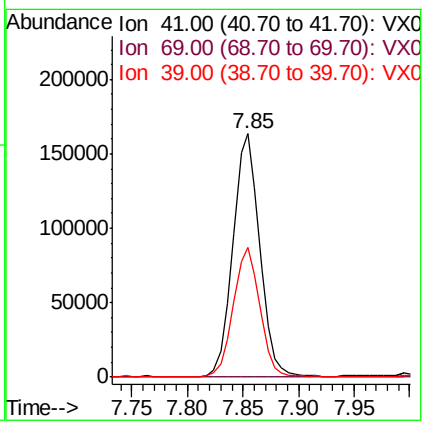


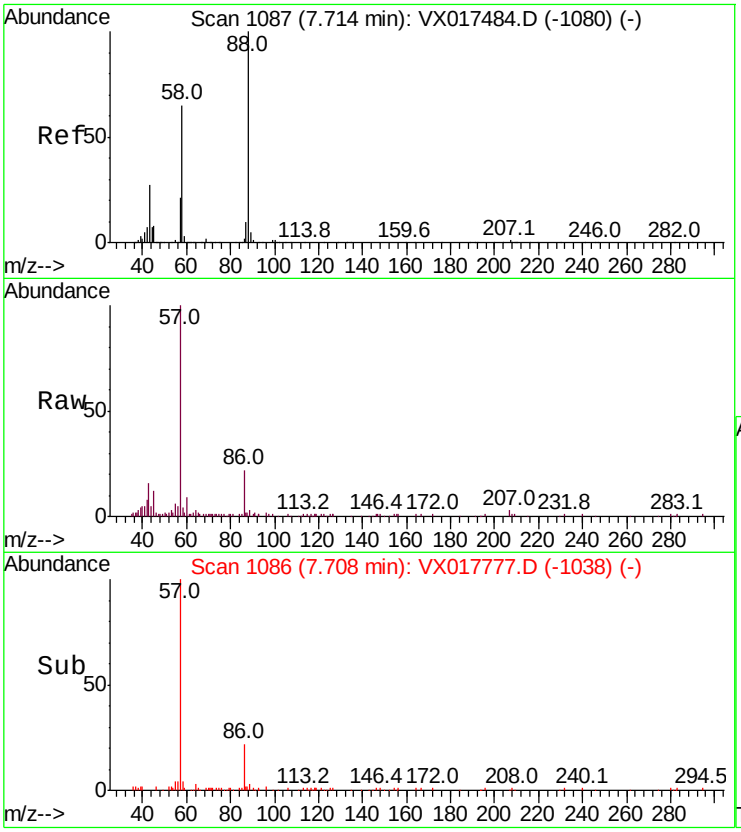


#48
Methyl methacrylate
Concen: 34.027 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 41 Resp: 271418

Ion	Ratio	Lower	Upper
41	100		
69	0.4	63.1	94.7#
39	52.2	45.1	67.7



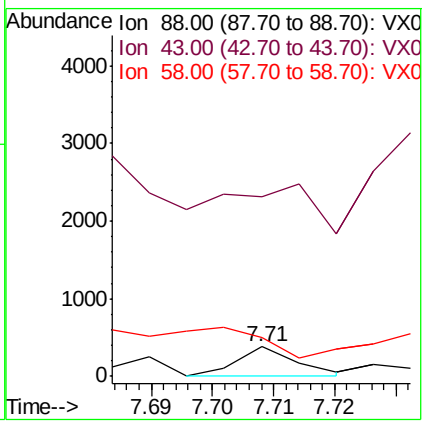


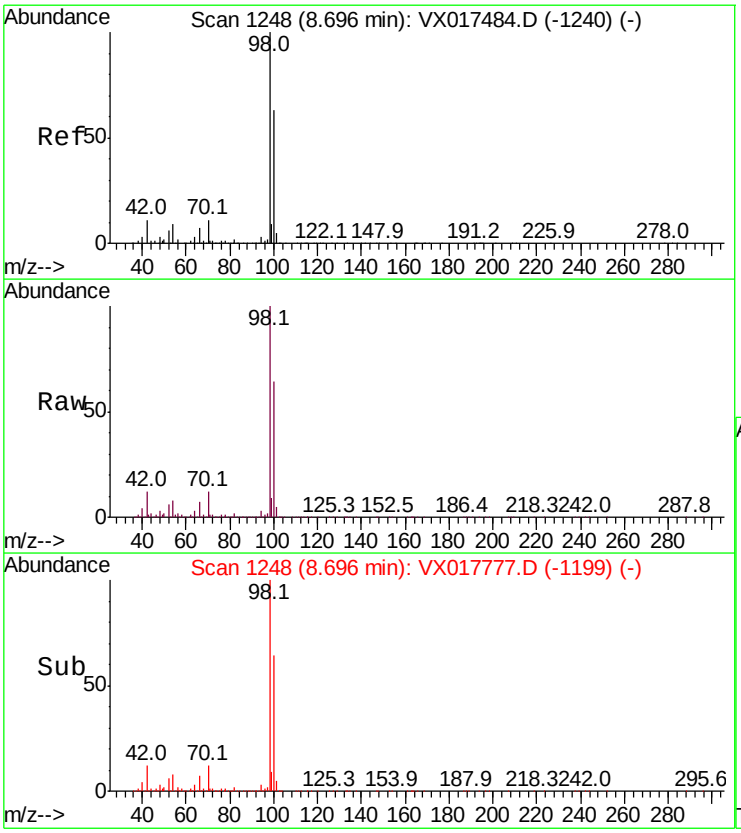
#49
1,4-Dioxane
Concen: 1.681 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 257

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	547.9	58.3	87.5#

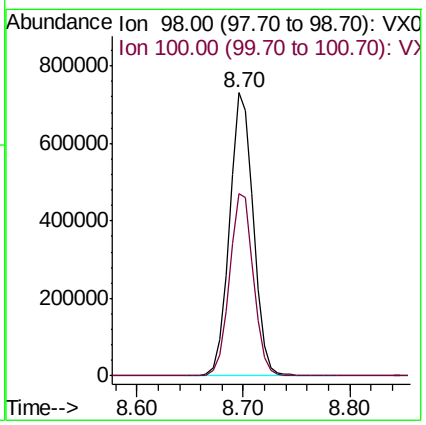


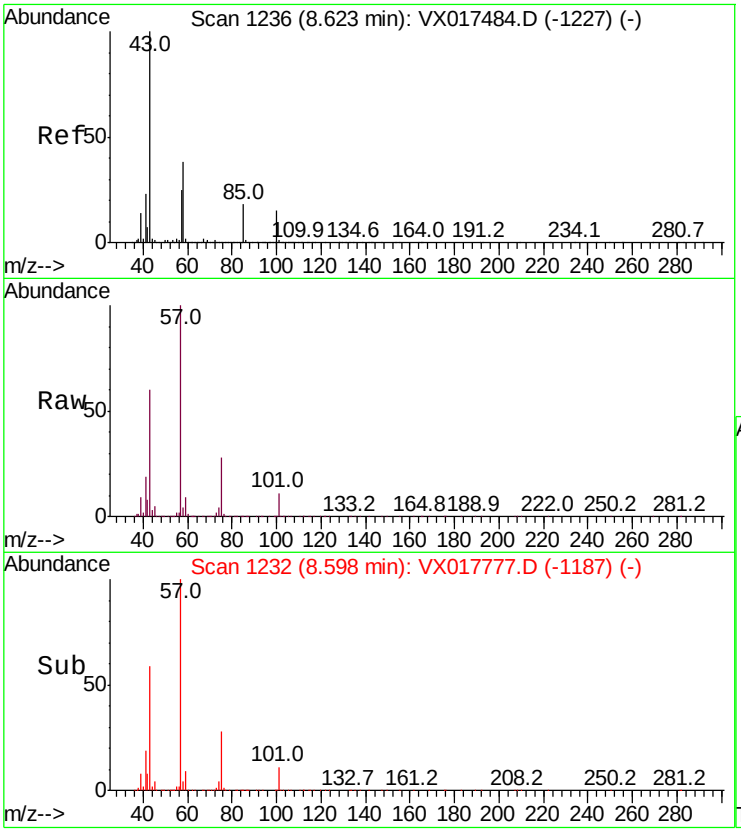


#50
Toluene-d8
Concen: 51.027 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 98 Resp: 1144187

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5



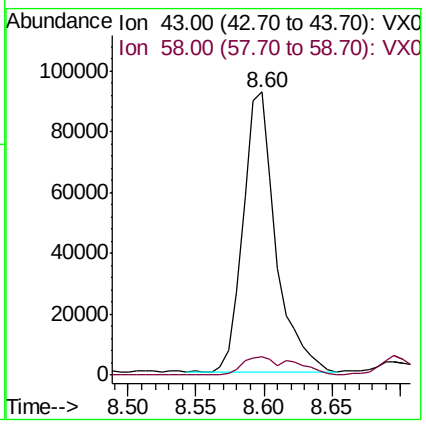


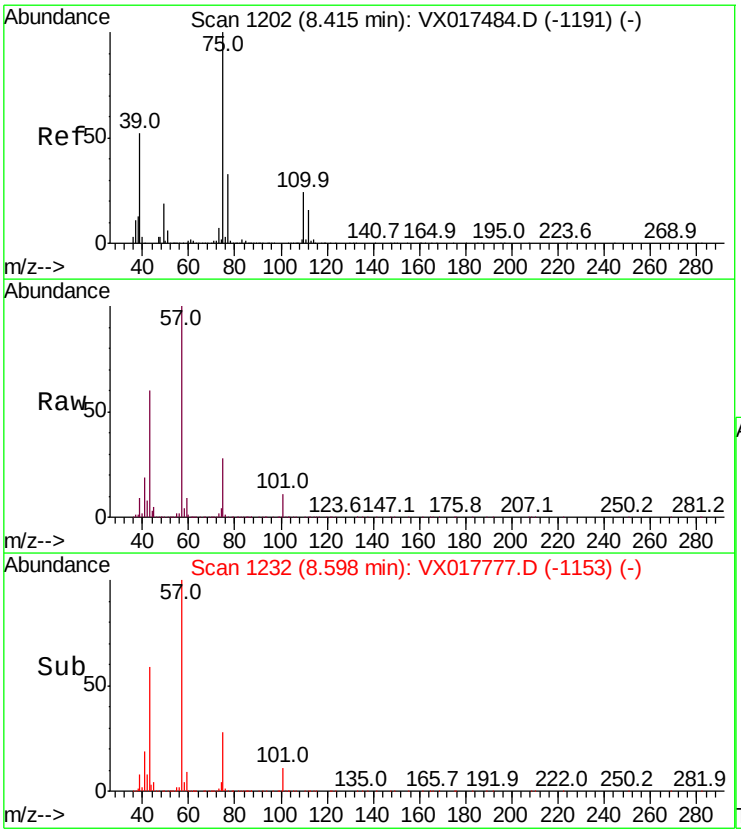
#51
4-Methyl-2-Pentanone
Concen: 16.211 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 155645

Ion	Ratio	Lower	Upper
43	100		
58	6.1	31.0	46.4#

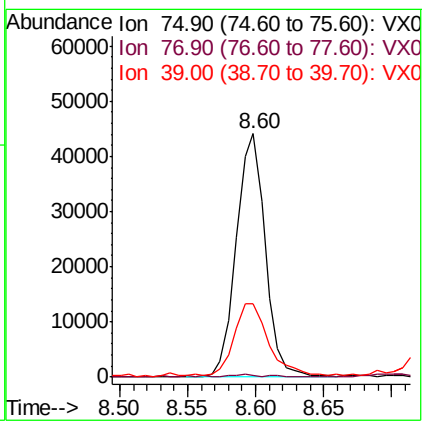


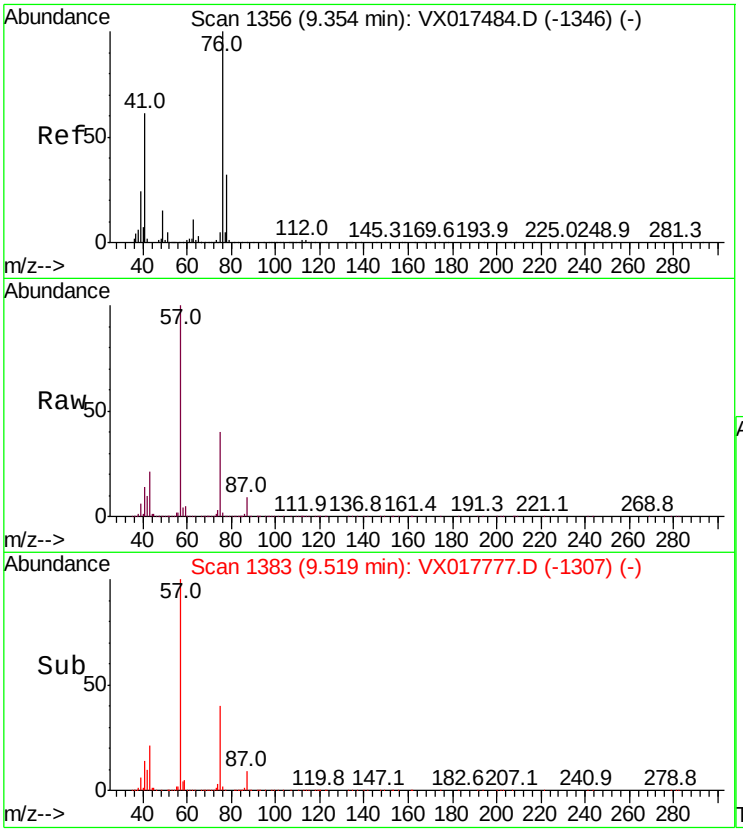


#54
cis-1,3-Dichloropropene
Concen: 5.702 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 75 Resp: 65584

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.5	38.3#
39	29.7	41.8	62.8#



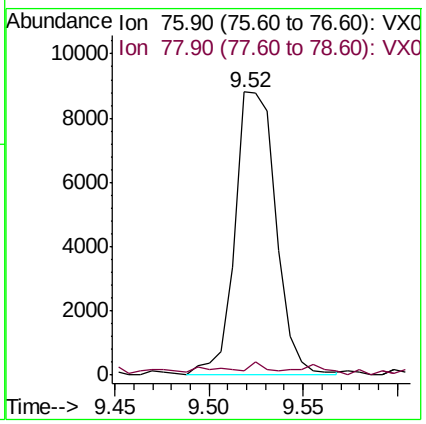


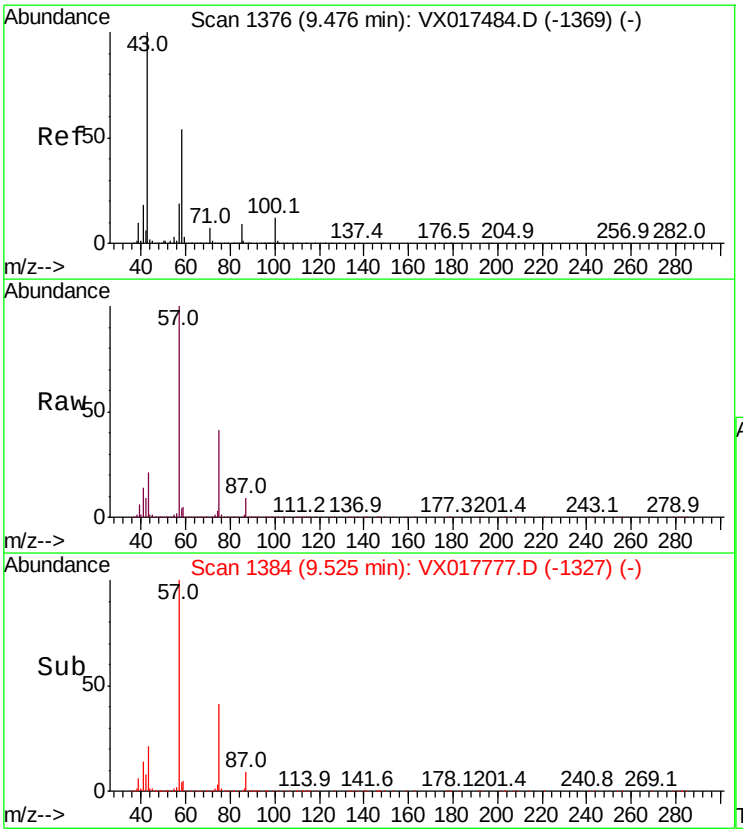
#57
1,3-Dichloropropane
Concen: 1.184 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.16 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 13310

Ion	Ratio	Lower	Upper
76	100		
78	1.9	25.8	38.8#

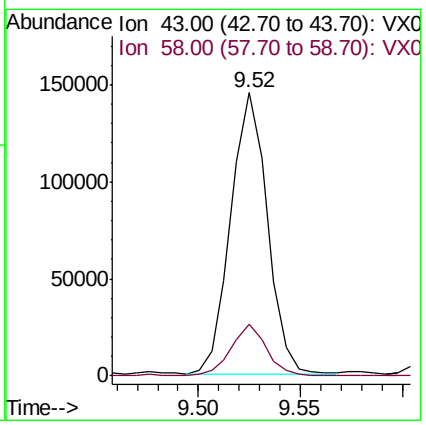


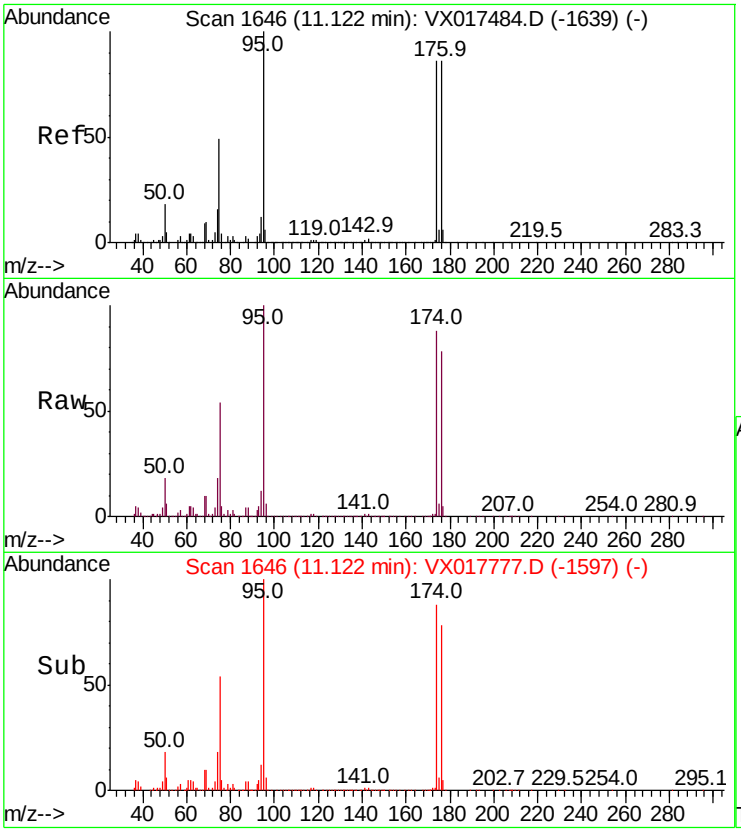


#59
2-Hexanone
Concen: 25.065 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 43 Resp: 181183

Ion	Ratio	Lower	Upper
43	100		
58	17.6	26.6	79.8#



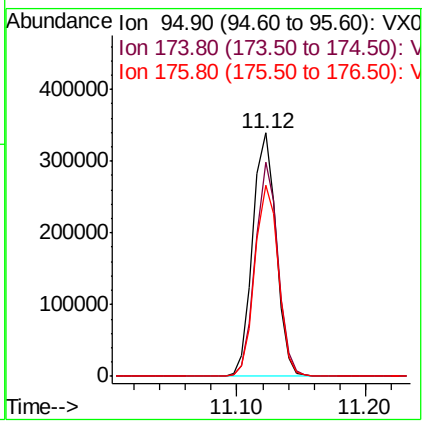


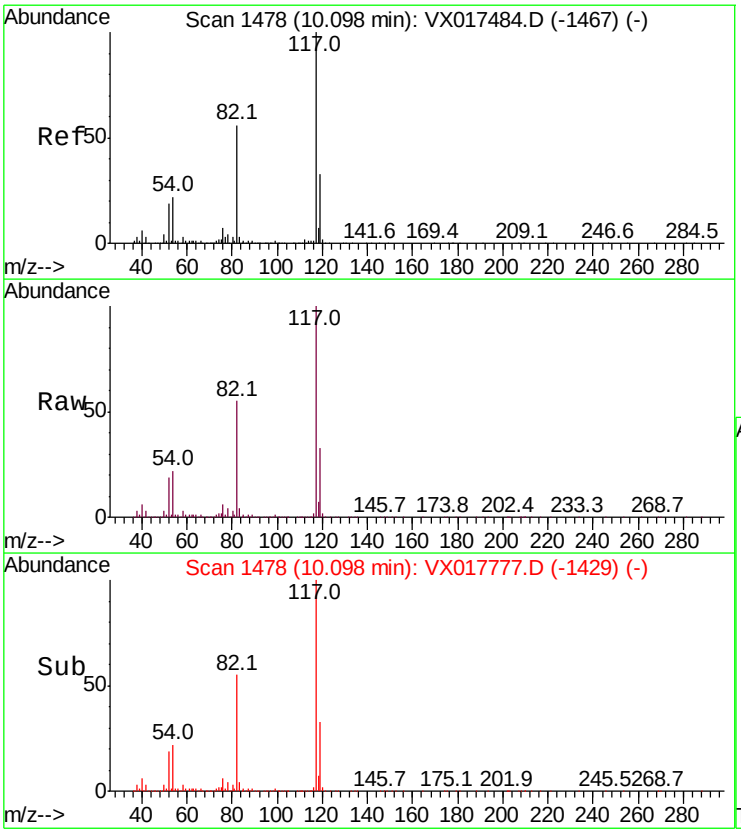
#62
4-Bromofluorobenzene
Concen: 47.025 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 421992

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	169.0
176	79.2	0.0	161.0

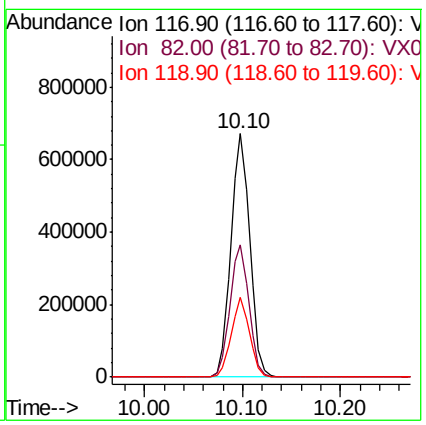


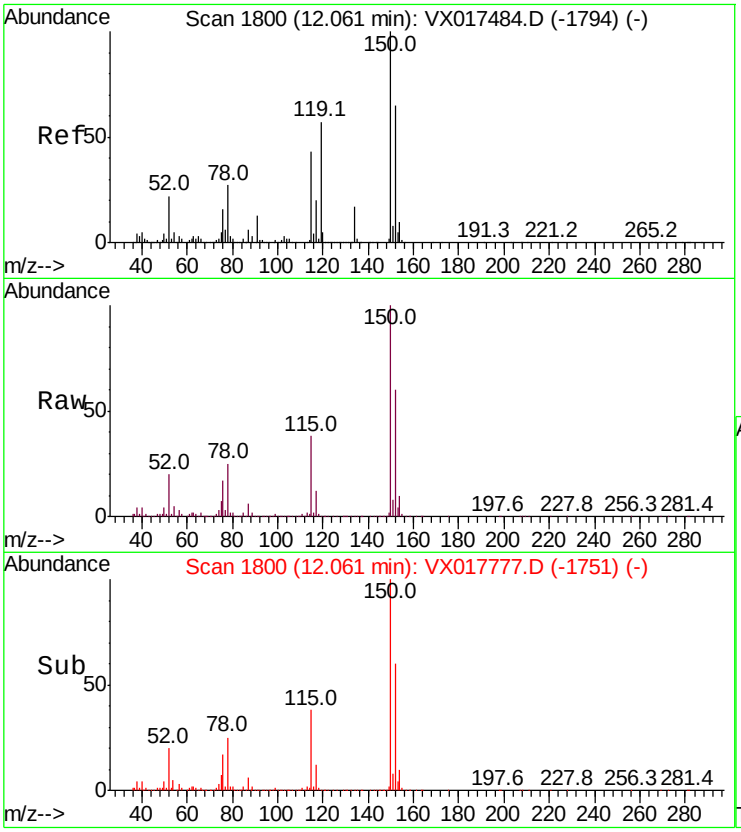


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion:117 Resp: 899442

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.0	66.0
119	32.7	25.4	38.0



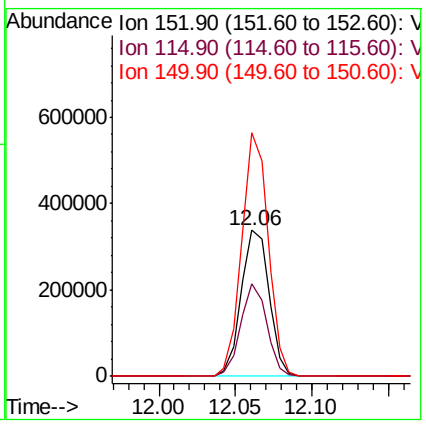


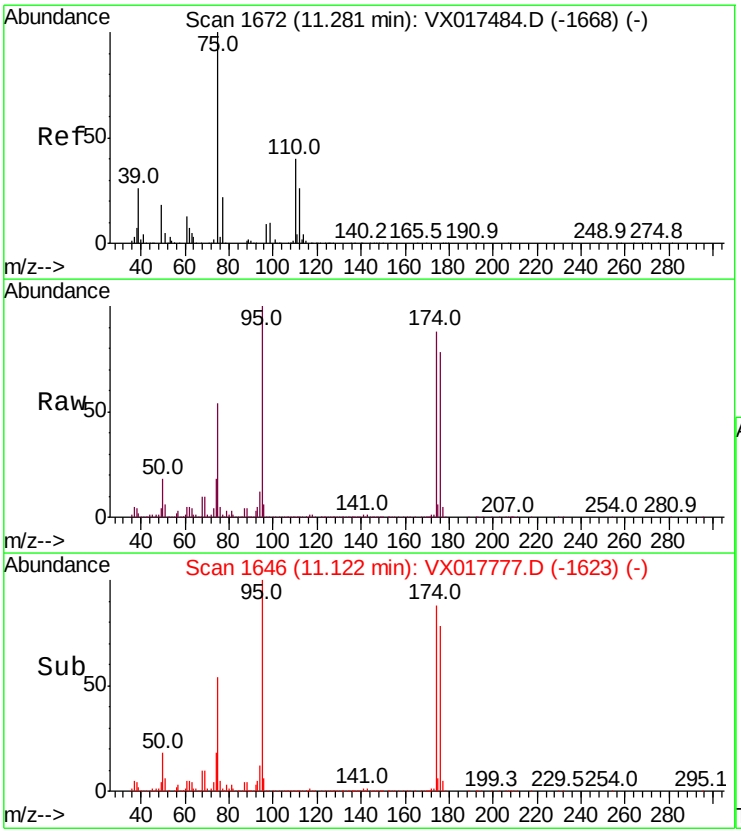
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 431103

Ion	Ratio	Lower	Upper
152	100		
115	59.1	65.5	196.6#
150	157.5	0.0	412.6

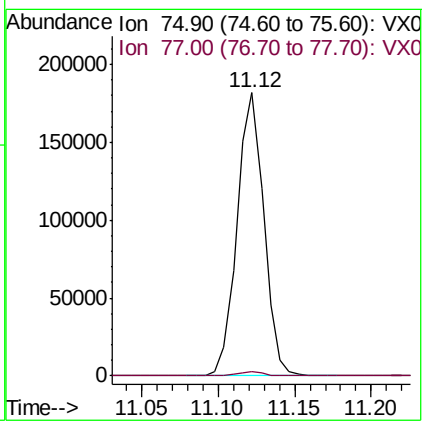


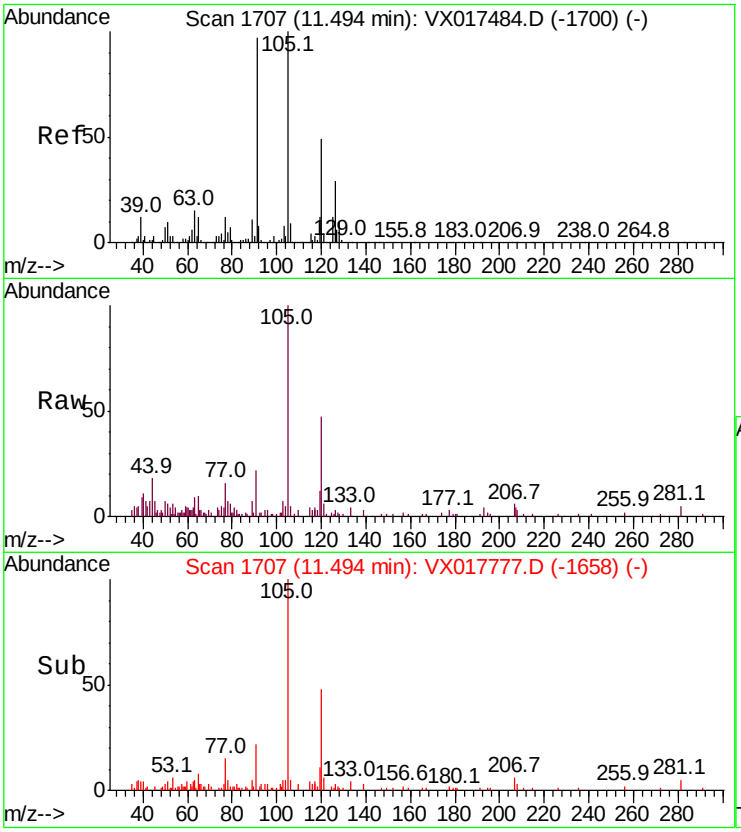


#76
1,2,3-Trichloropropane
Concen: 24.773 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 75 Resp: 219683

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.8	65.3#



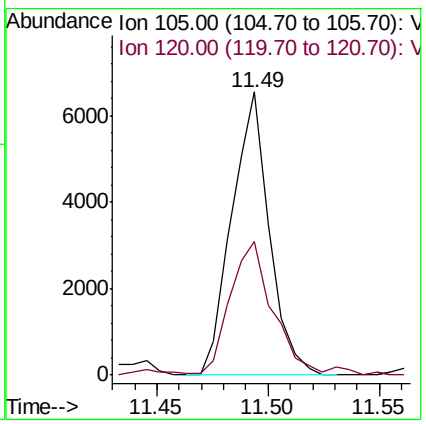


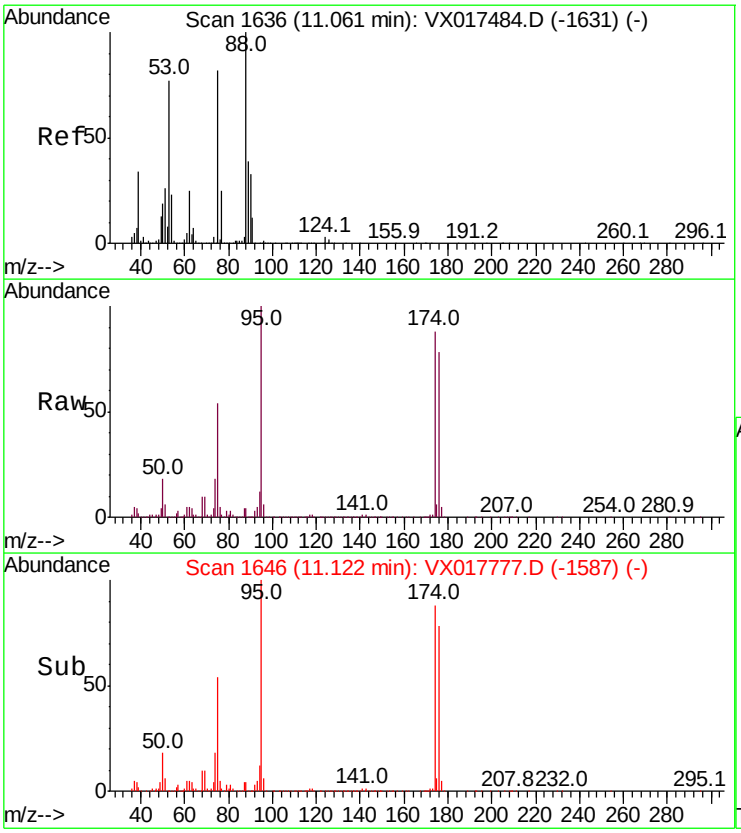
#80
1,3,5-Trimethylbenzene
Concen: 0.304 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 7678

Ion	Ratio	Lower	Upper
105	100		
120	55.3	24.1	72.3

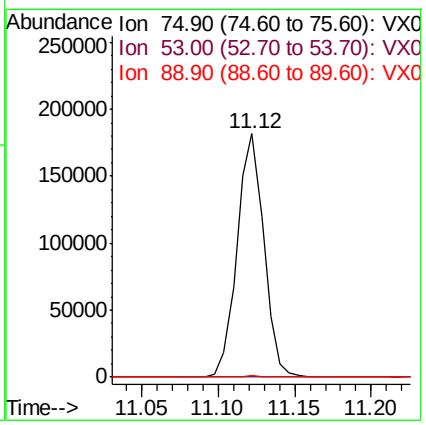


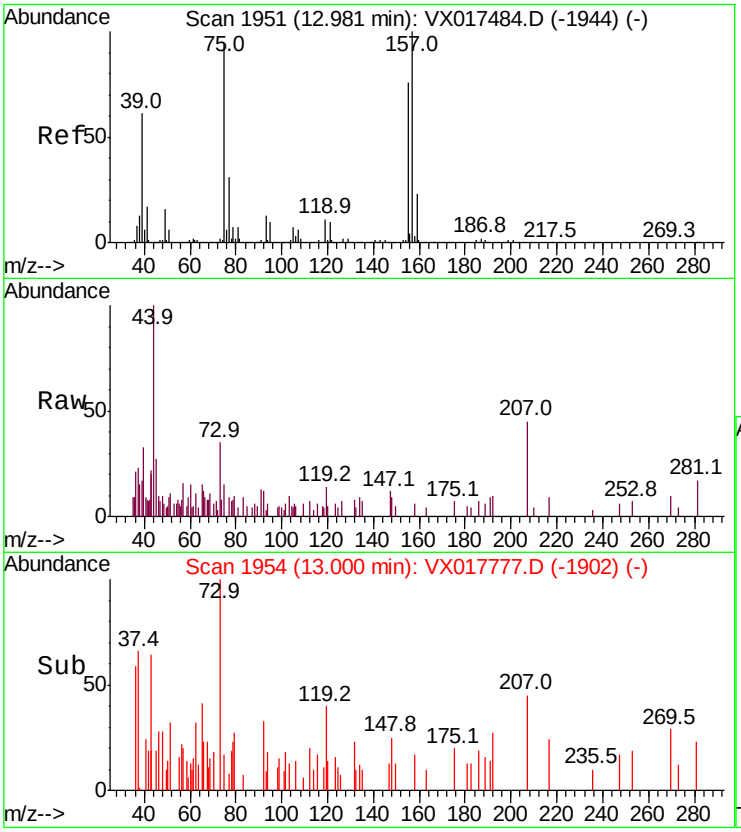


#81
trans-1,4-Dichloro-2-butene
Concen: 62.421 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Tgt Ion: 75 Resp: 219683

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.3	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.626 ug/l
RT: 13.00 min Scan# 1954
Delta R.T. 0.02 min
Lab File: VX017777.D
Acq: 04 Aug 2020 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 135

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