Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017604.D
Acq On : 25 Jul 2020 18:17
Operator : JC/SP
Sample : L3383-31
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 78 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 27 01:16:36 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	5.63	168	419659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	733036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	704767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	383237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	315904	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.20%			
35) Dibromofluoromethane	5.47	113	244846	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
50) Toluene-d8	8.70	98	818077	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.52%			
62) 4-Bromofluorobenzene	11.12	95	370105	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.17	85	471	Below Cal		72
3) Chloromethane	1.32	50	1154	0.588	ug/l #	68
5) Bromomethane	1.64	94	552	Below Cal	#	28
6) Chloroethane	1.71	64	531	Below Cal	#	44
8) Diethyl Ether	2.17	74	2530	Below Cal		98
11) Tert butyl alcohol	3.00	59	3060	2.693	ug/l #	72
13) Acrolein	2.27	56	751	5.000	ug/l #	14
16) Acetone	2.42	43	34054	14.353	ug/l	97
18) Methyl Acetate	2.75	43	7185	1.286	ug/l #	81
20) Methylene Chloride	2.84	84	41157	8.135	ug/l	97
25) 2-Butanone	4.65	43	5016	1.488	ug/l	93
29) Tetrahydrofuran	5.18	42	543	0.260	ug/l	89
36) 1,1-Dichloropropene	5.63	75	30758	4.375	ug/l #	54
38) Carbon Tetrachloride	5.63	117	43117	5.050	ug/l #	16
43) Isopropyl Acetate	6.42	43	148969	11.737	ug/l	99
48) Methyl methacrylate	7.65	41	6808	1.082	ug/l #	18
49) 1,4-Dioxane	7.71	88	206	1.708	ug/l #	22
51) 4-Methyl-2-Pentanone	8.60	43	123721	16.337	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	52845	5.825	ug/l #	60
59) 2-Hexanone	9.52	43	128225	22.490	ug/l #	51
74) N-amyl acetate	10.81	43	7089	0.607	ug/l #	52
76) 1,2,3-Trichloropropane	11.12	75	191608	24.305	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	191608	61.244	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.98	75	115	2.624	ug/l #	1

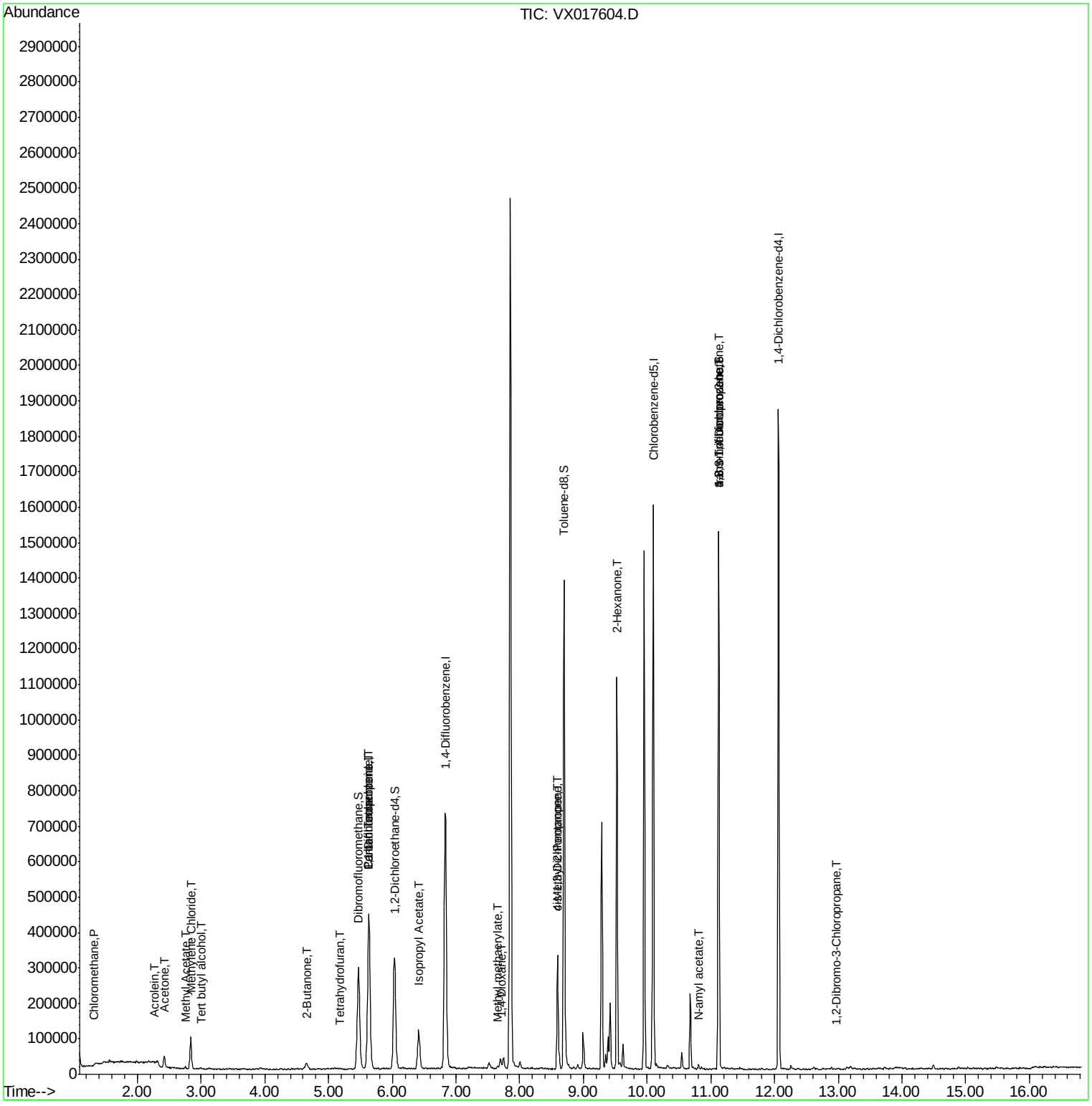
(#) = qualifier out of range (m) = manual integration (+) = signals summed

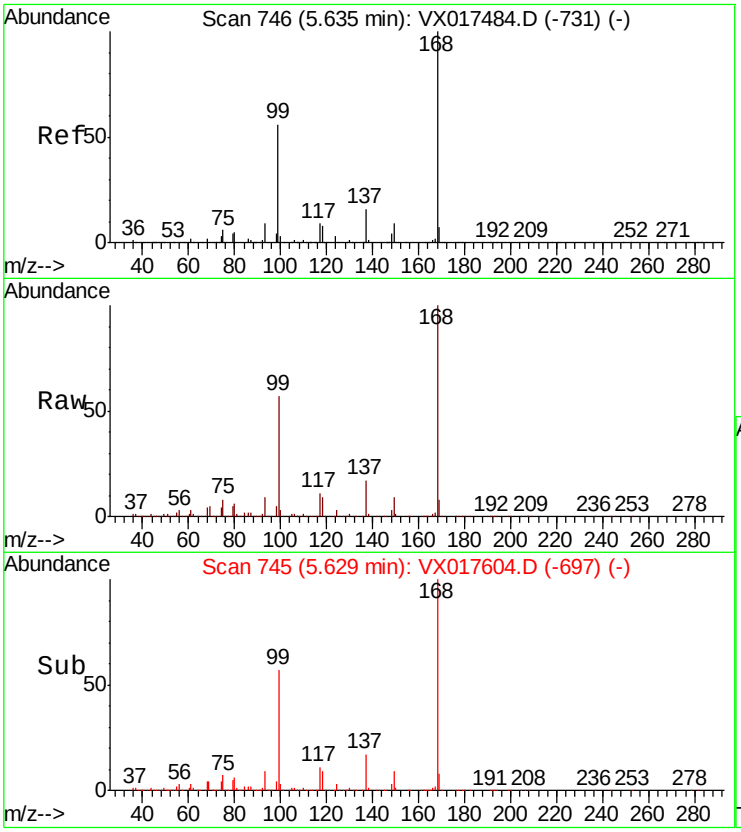
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
Data File : VX017604.D
Acq On : 25 Jul 2020 18:17
Operator : JC/SP
Sample : L3383-31
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 78 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 27 01:16:36 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



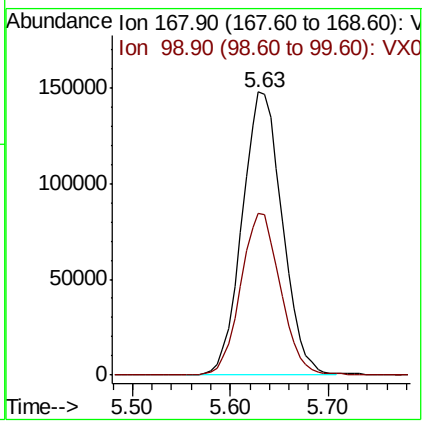


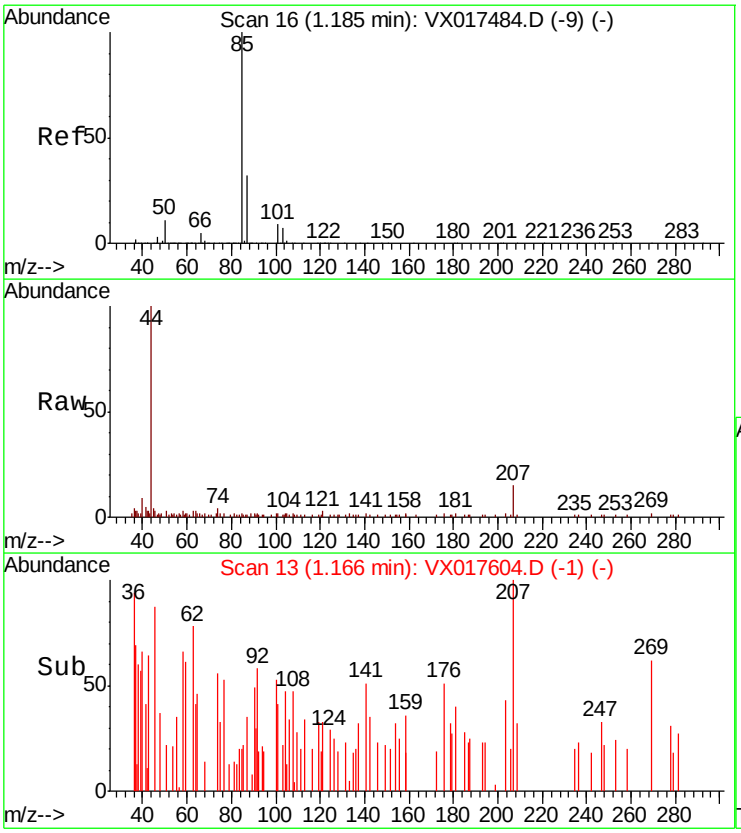
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 419659

Ion	Ratio	Lower	Upper
168	100		
99	57.1	43.4	65.2

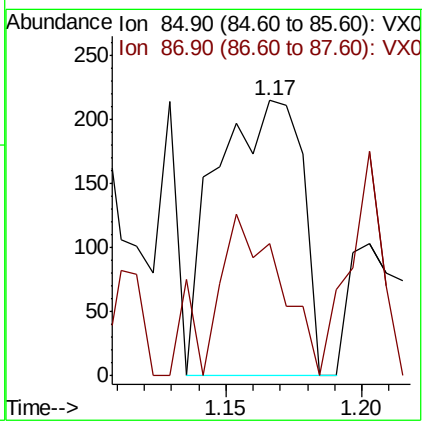


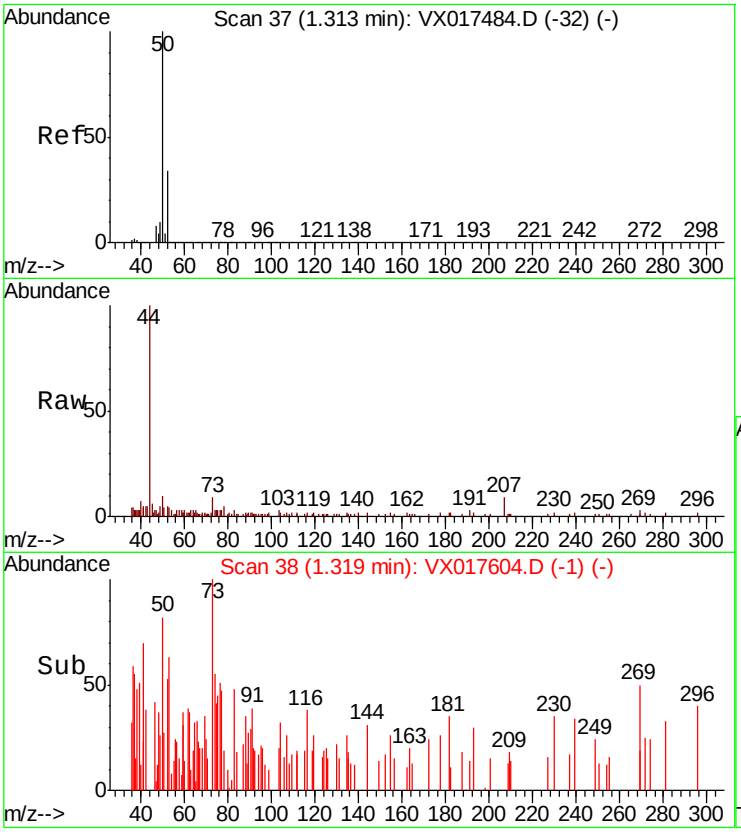


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.17 min Scan# 13
Delta R.T. -0.02 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 85 Resp: 471

Ion	Ratio	Lower	Upper
85	100		
87	16.7	16.1	48.3



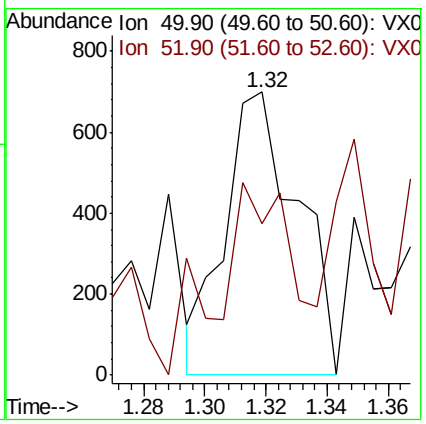


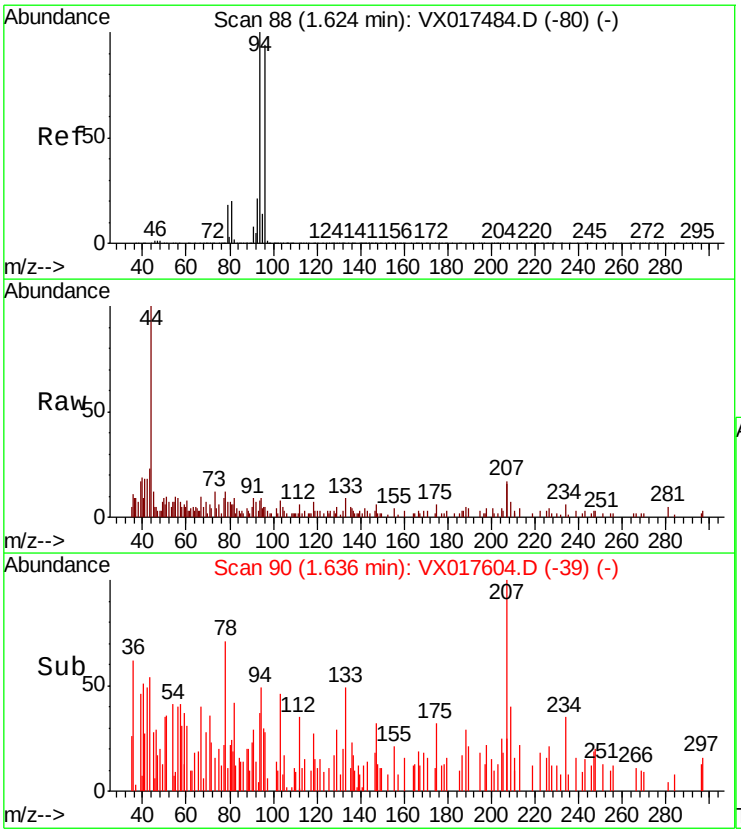
#3
Chloromethane
Concen: 0.588 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1154

Ion	Ratio	Lower	Upper
50	100		
52	14.3	25.9	38.9#

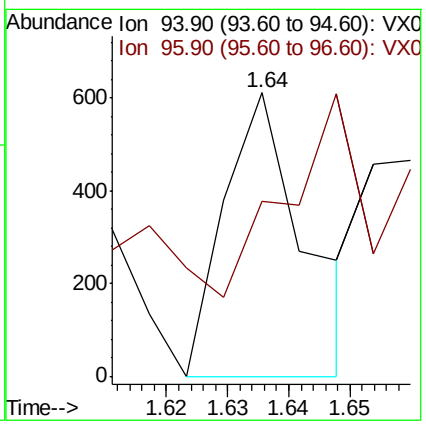


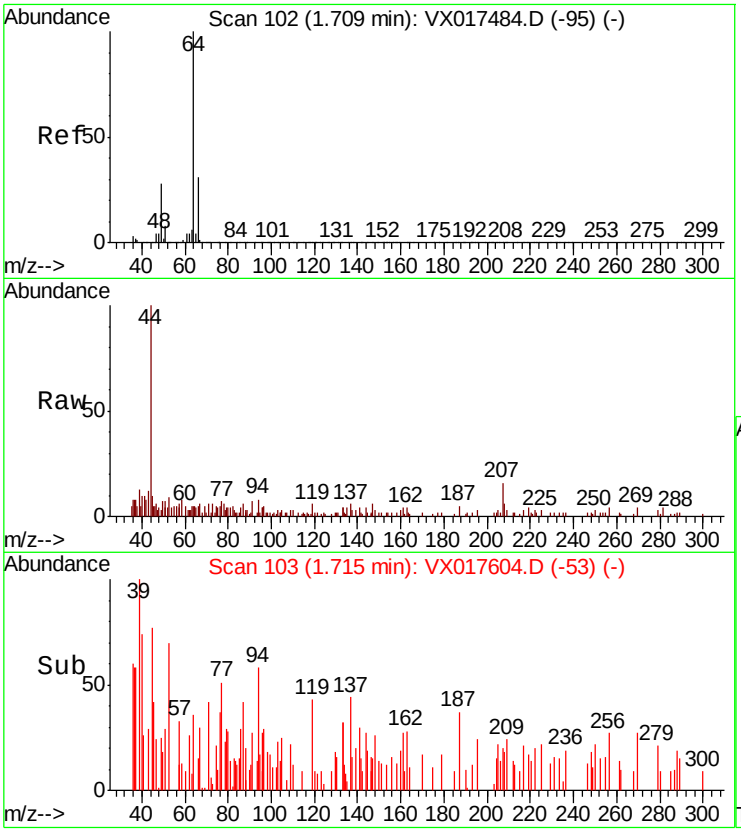


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 94 Resp: 552

Ion	Ratio	Lower	Upper
94	100		
96	23.7	74.1	111.1#



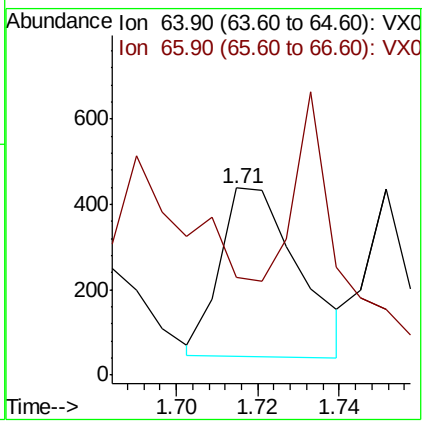


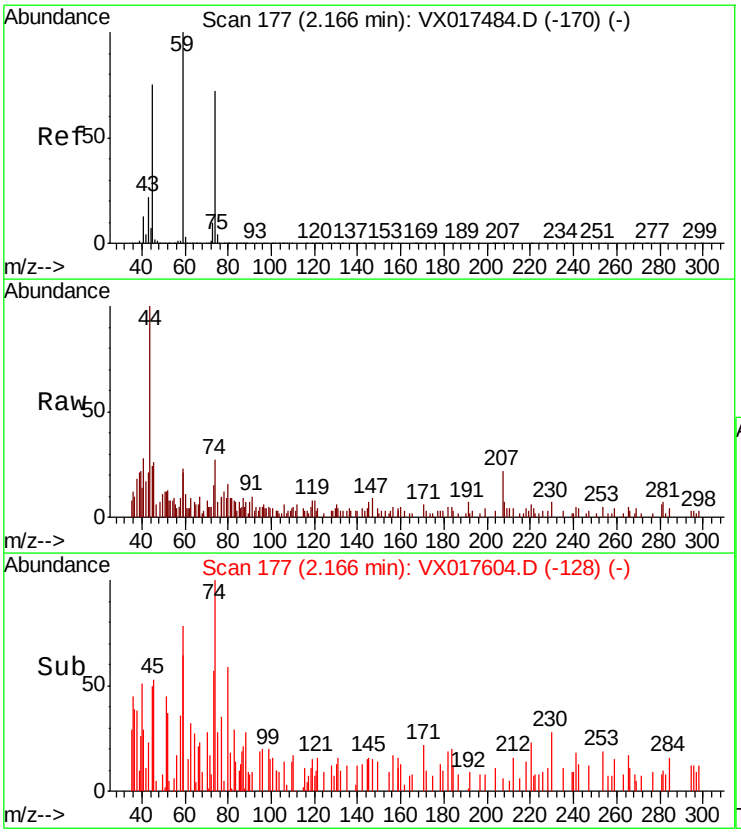
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 531

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.9	37.3#

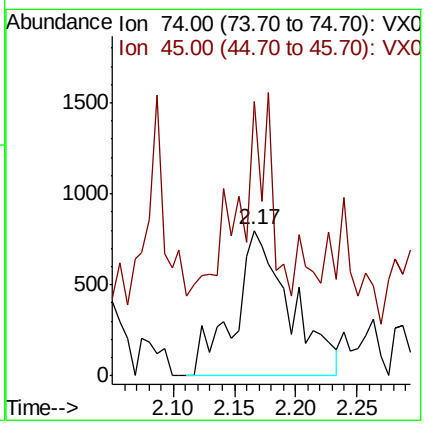


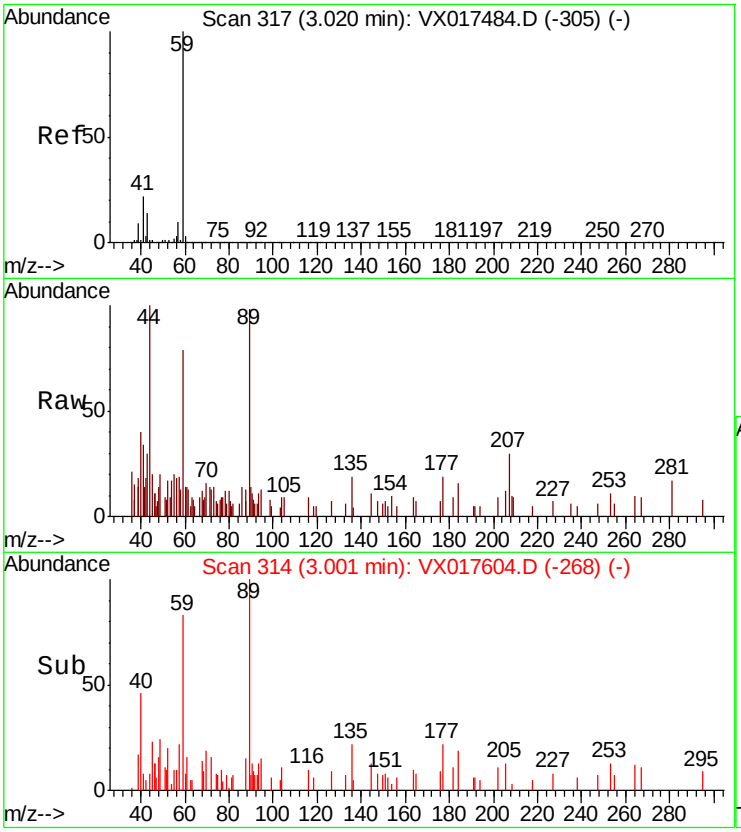


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 74 Resp: 2530

Ion	Ratio	Lower	Upper
74	100		
45	104.0	50.8	152.5



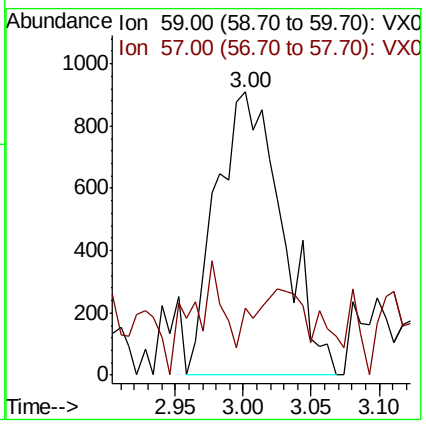


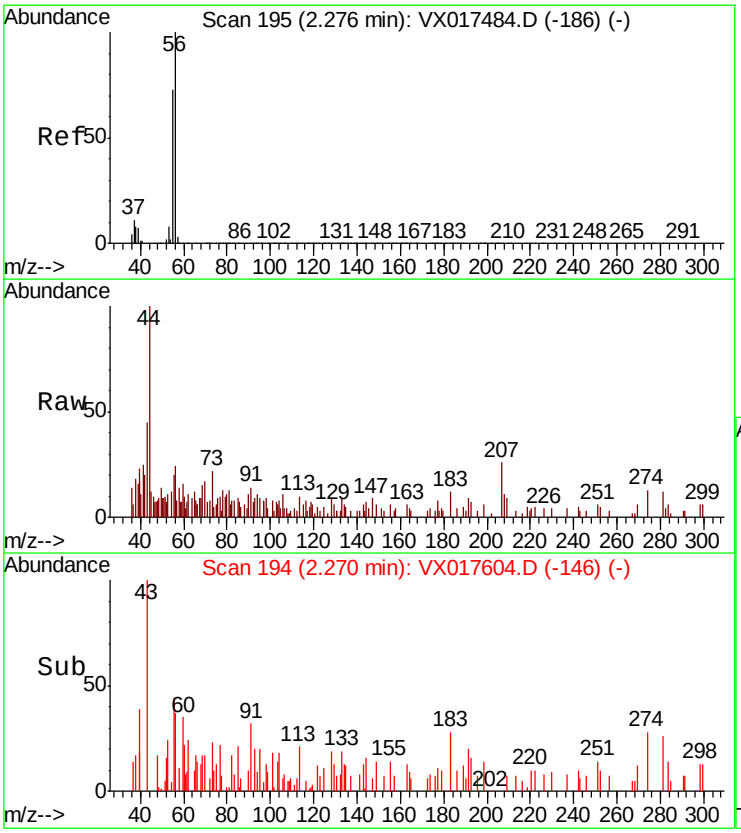
#11
Tert butyl alcohol
Concen: 2.693 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3060

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

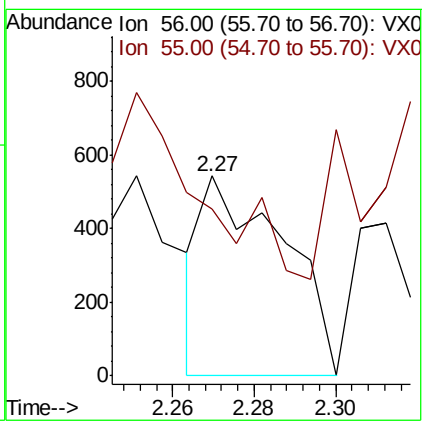


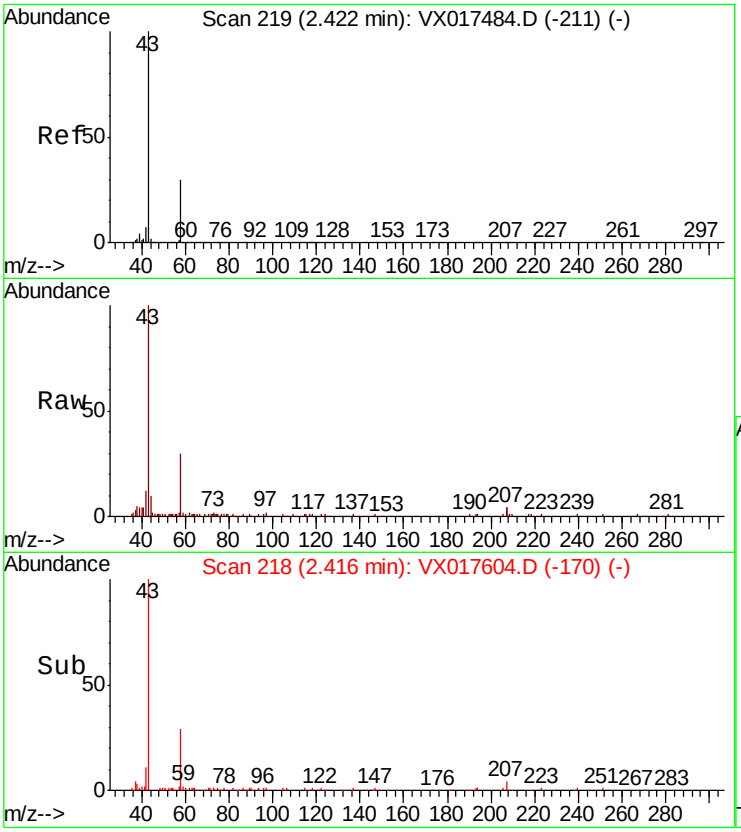


#13
Acrolein
Concen: 5.000 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 56 Resp: 751

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.2#

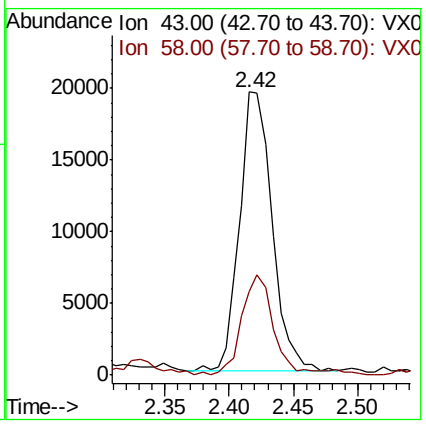




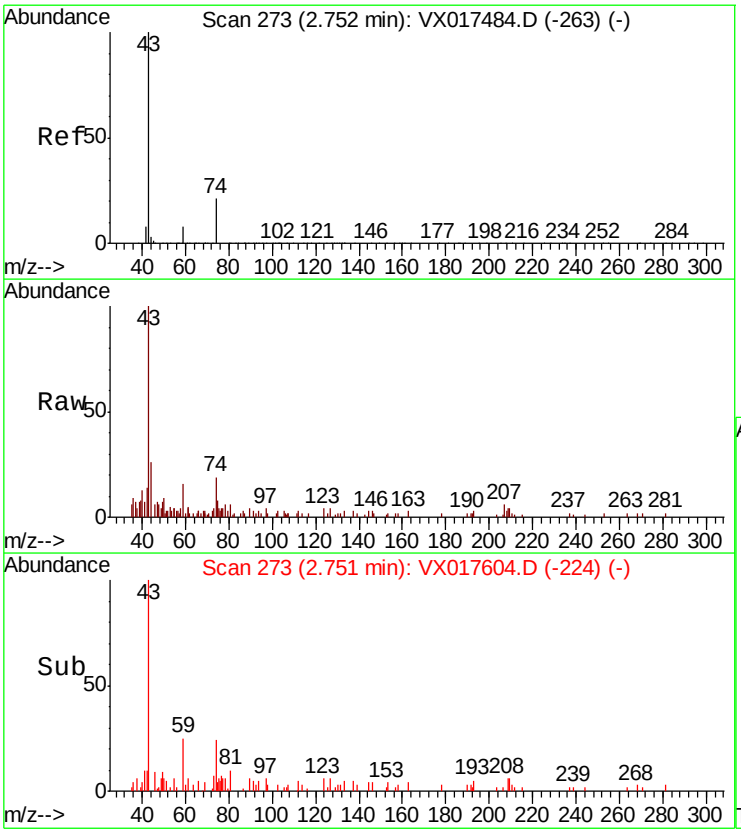
#16
Acetone
Concen: 14.353 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 43 Resp: 34054

Ion	Ratio	Lower	Upper
43	100		
58	28.4	24.2	36.4



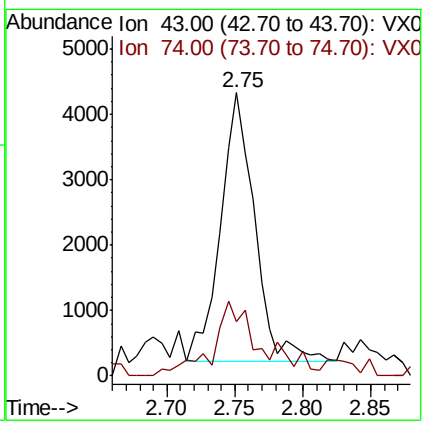
Instrument :
MSVOA_X
ClientSampleId :

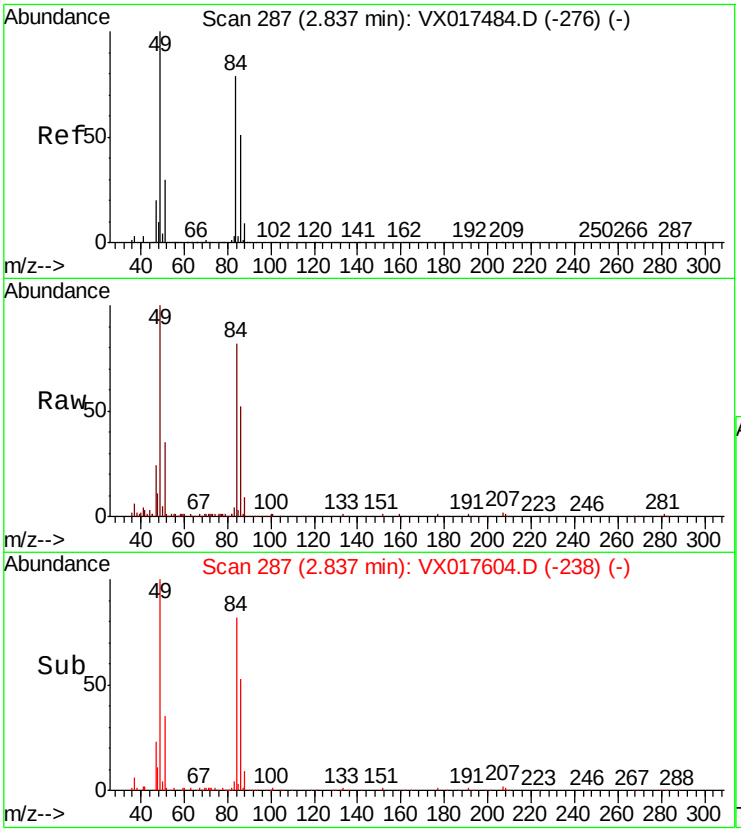


#18
Methyl Acetate
Concen: 1.286 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 43 Resp: 7185

Ion	Ratio	Lower	Upper
43	100		
74	31.1	17.5	26.3#



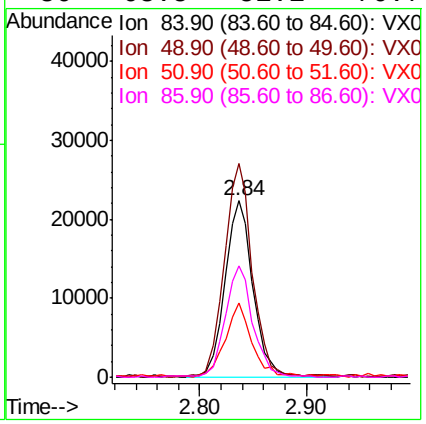


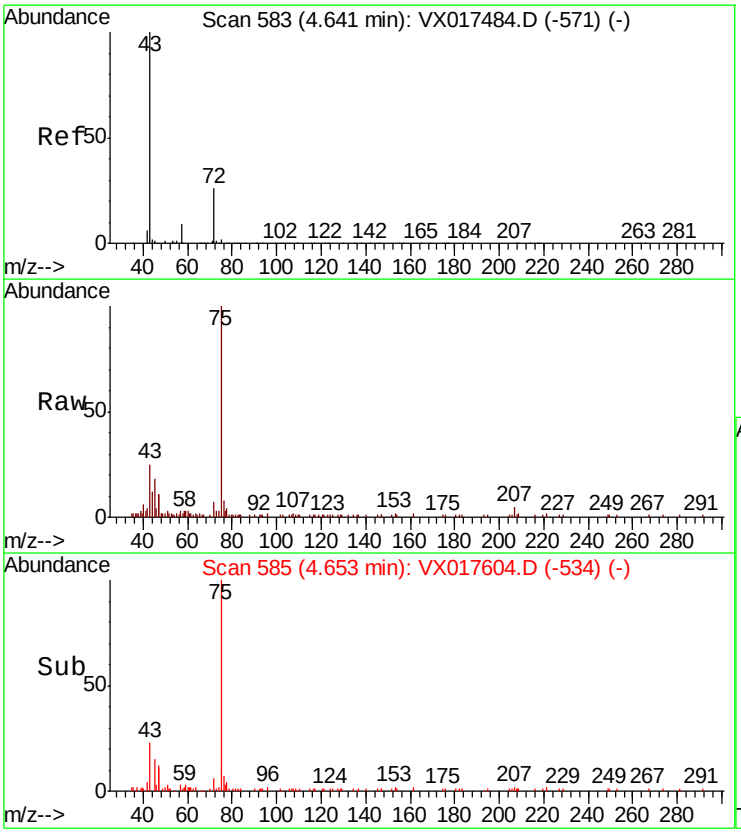
#20
Methylene Chloride
Concen: 8.135 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 41157

Ion	Ratio	Lower	Upper
84	100		
49	120.6	100.3	150.5
51	41.5	30.5	45.7
86	63.5	51.1	76.7

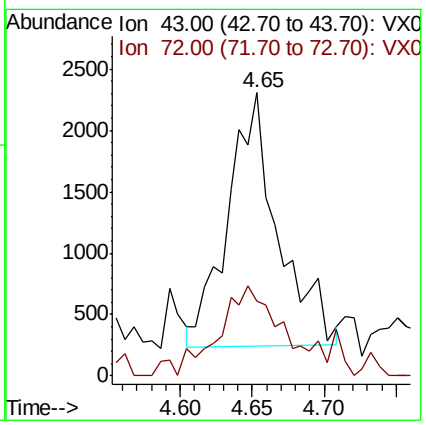


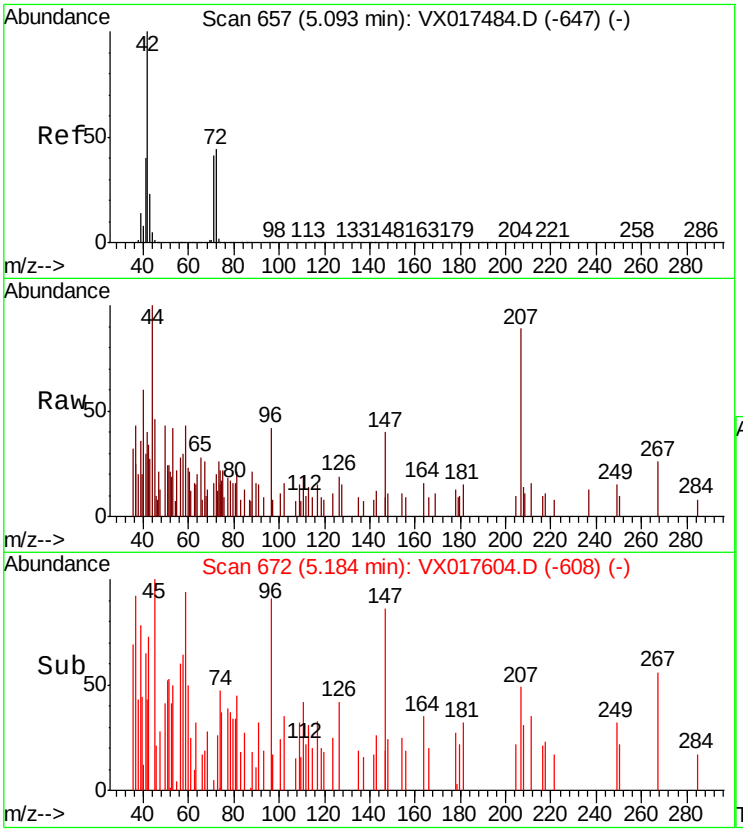


#25
2-Butanone
Concen: 1.488 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 43 Resp: 5016

Ion	Ratio	Lower	Upper
43	100		
72	20.2	19.0	28.4



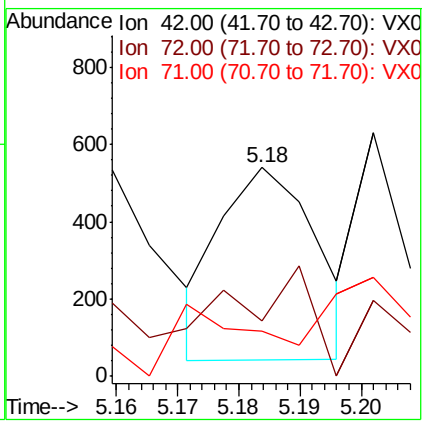


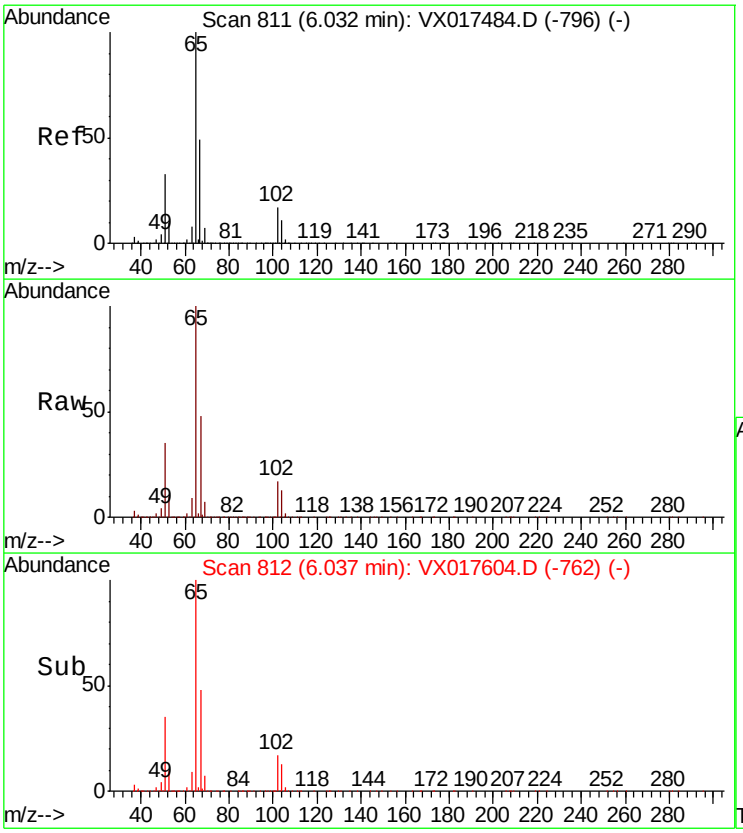
#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.09 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 543

Ion	Ratio	Lower	Upper
42	100		
72	52.1	35.5	53.3
71	34.3	33.0	49.4

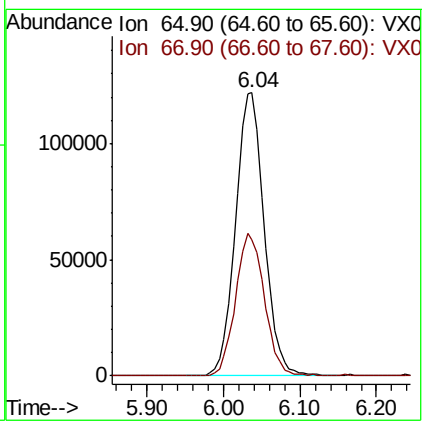


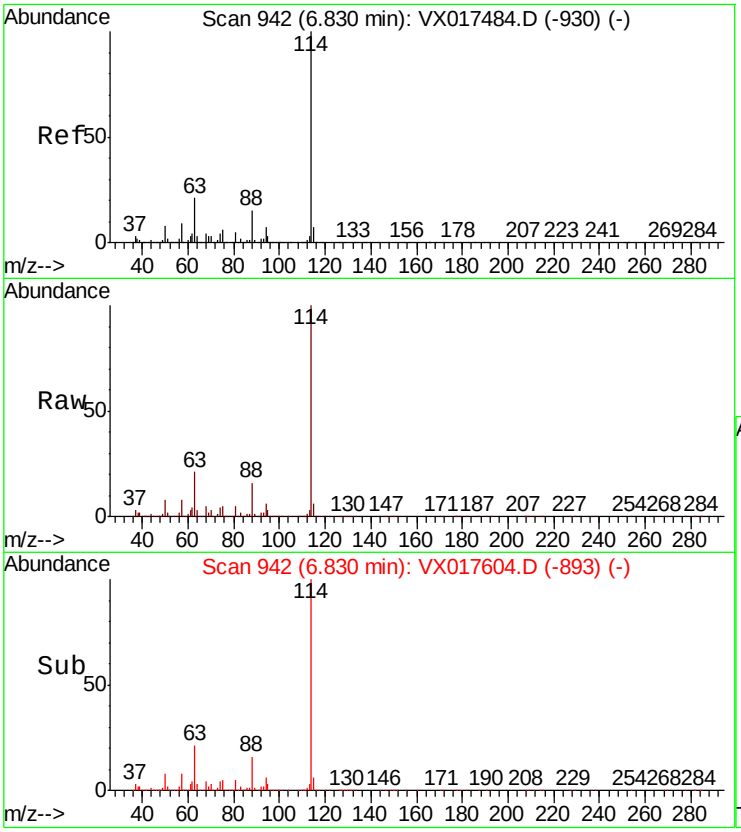


#33
1,2-Dichloroethane-d4
Concen: 58.602 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 65 Resp: 315904

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8



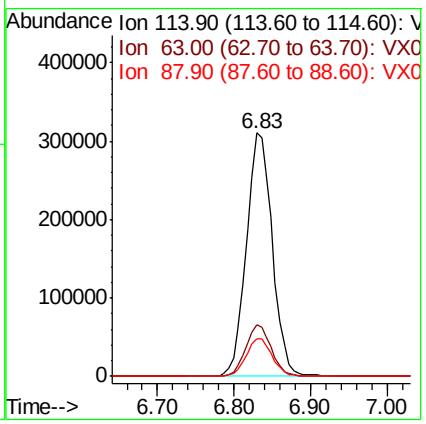


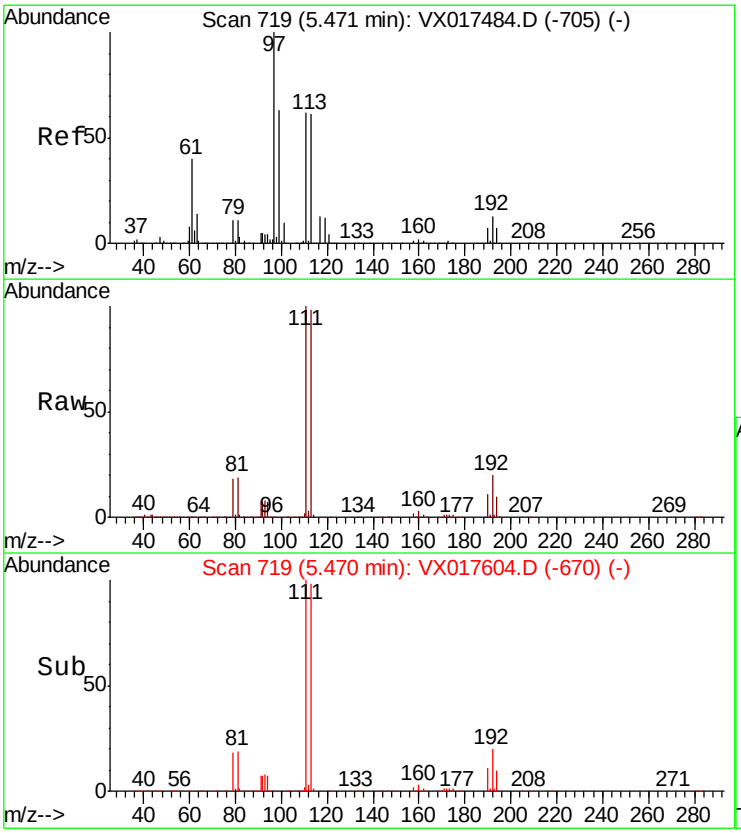
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 733036

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.6
88	15.6	0.0	33.4

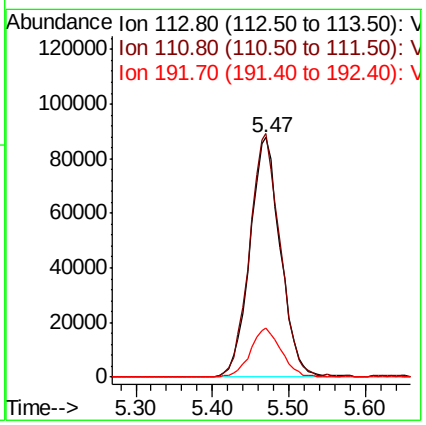


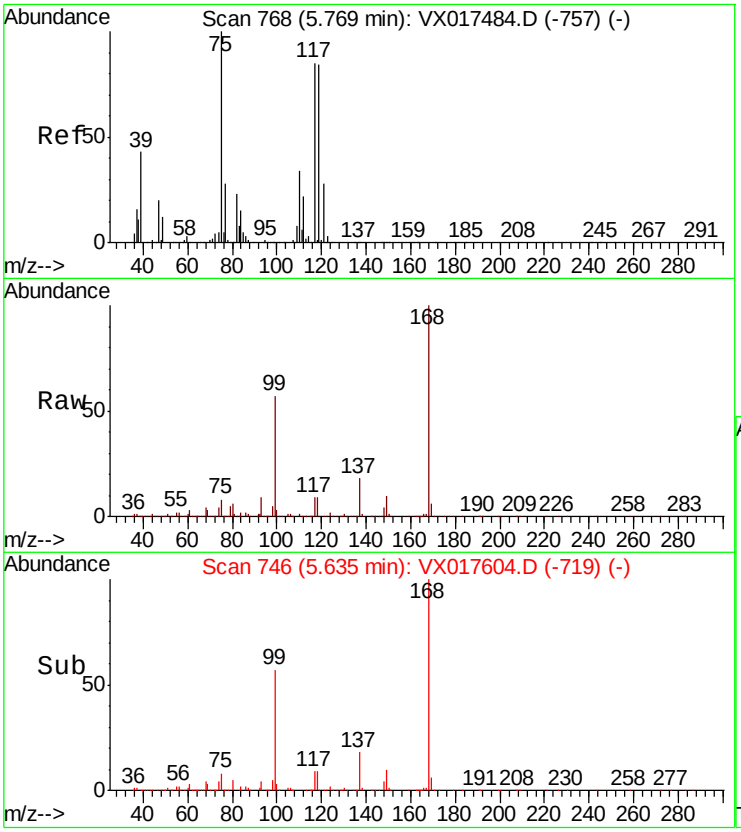


#35
Dibromofluoromethane
Concen: 49.942 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion:113 Resp: 244846

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	20.4	16.9	25.3



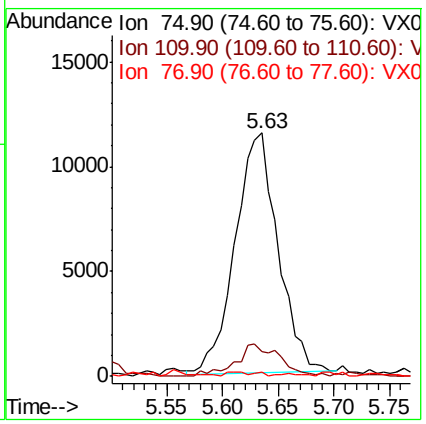


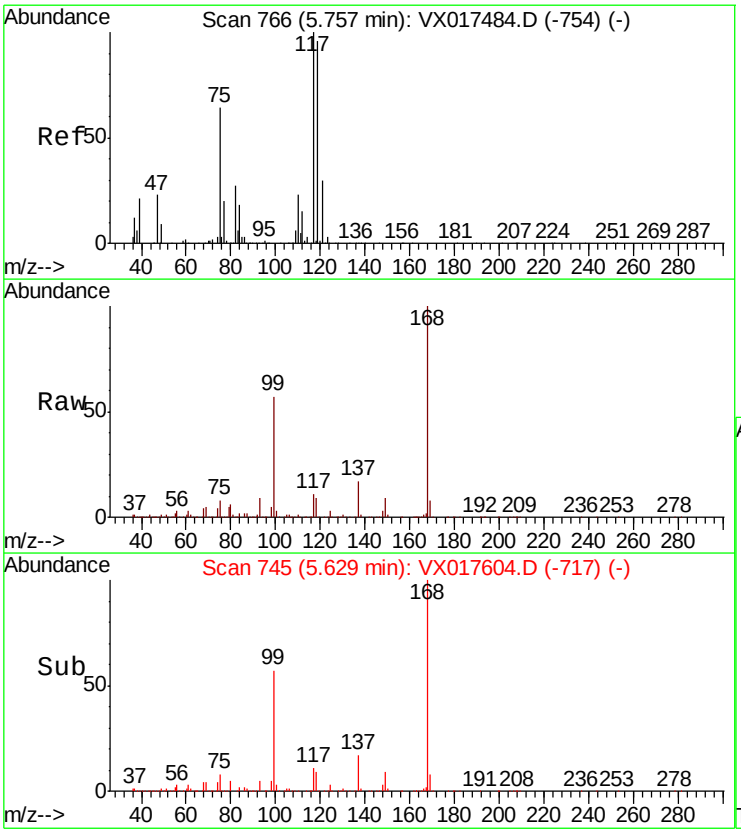
#36
1,1-Dichloropropene
Concen: 4.375 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30758

Ion	Ratio	Lower	Upper
75	100		
110	13.7	18.1	54.3#
77	0.0	24.6	37.0#

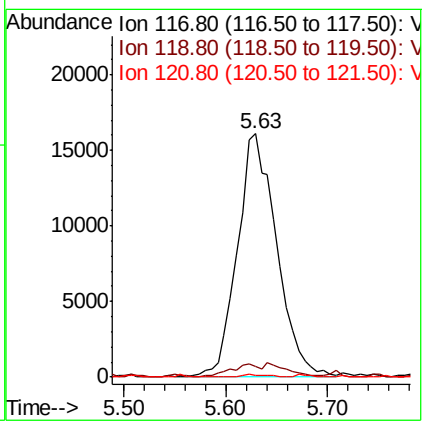


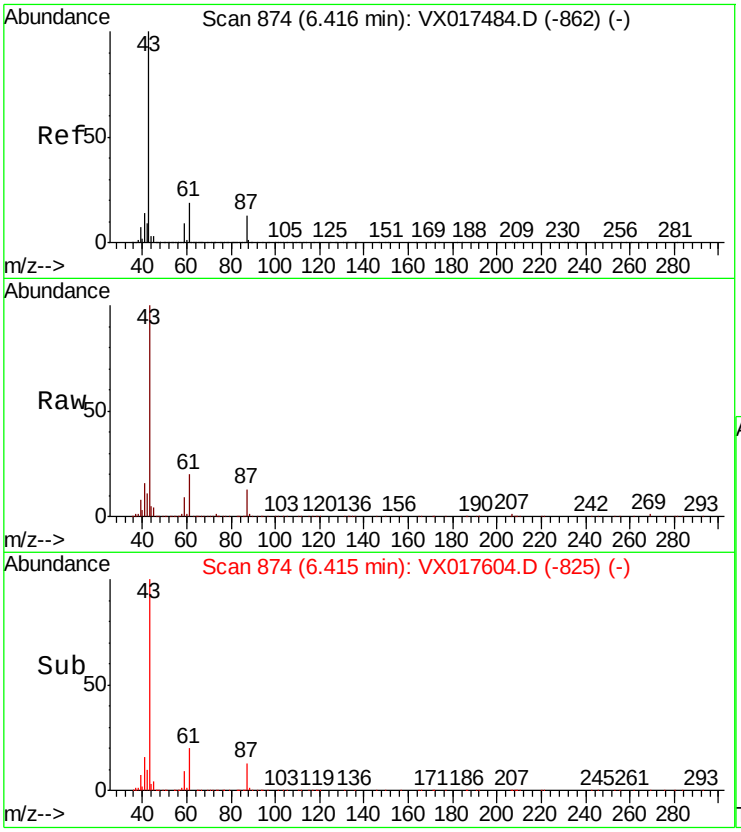


#38
Carbon Tetrachloride
Concen: 5.050 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion:117 Resp: 43117

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.4	113.0#
121	0.8	24.3	36.5#



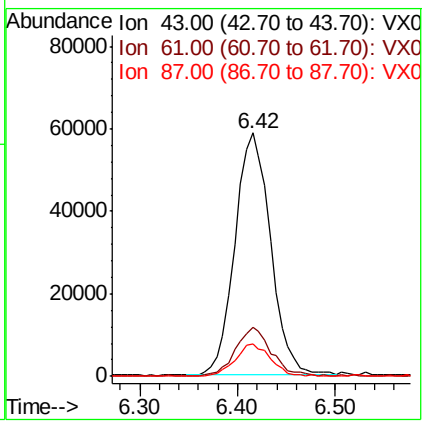


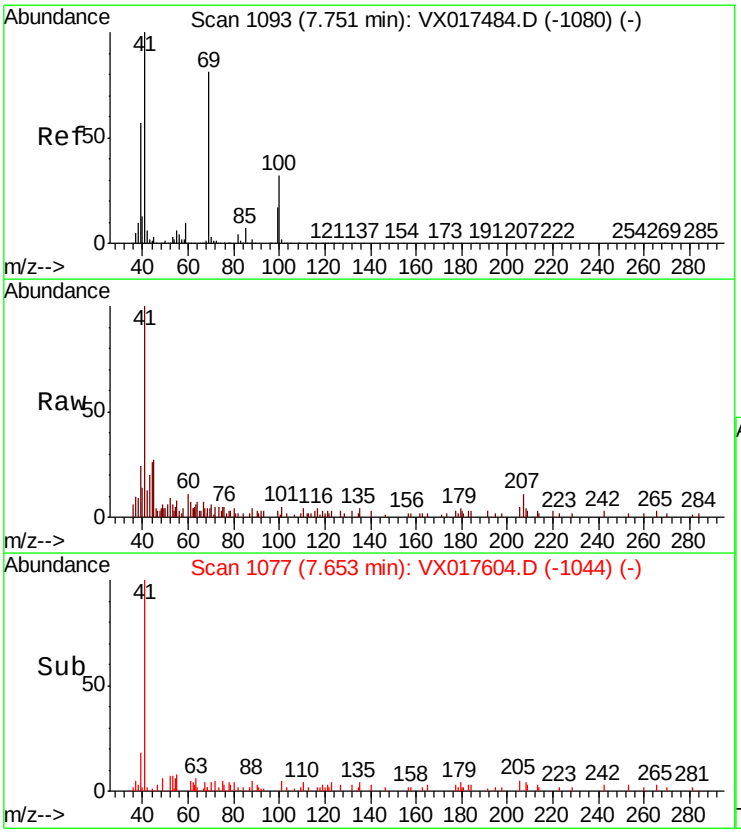
#43
Isopropyl Acetate
Concen: 11.737 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 148969

Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	12.9	10.5	15.7

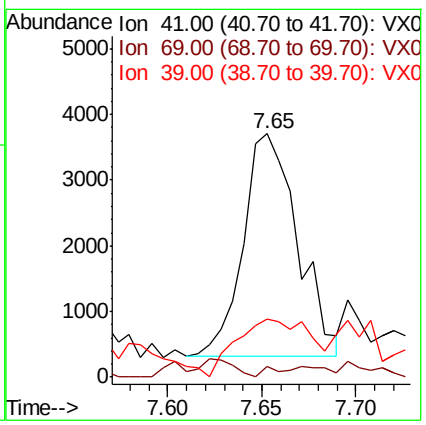


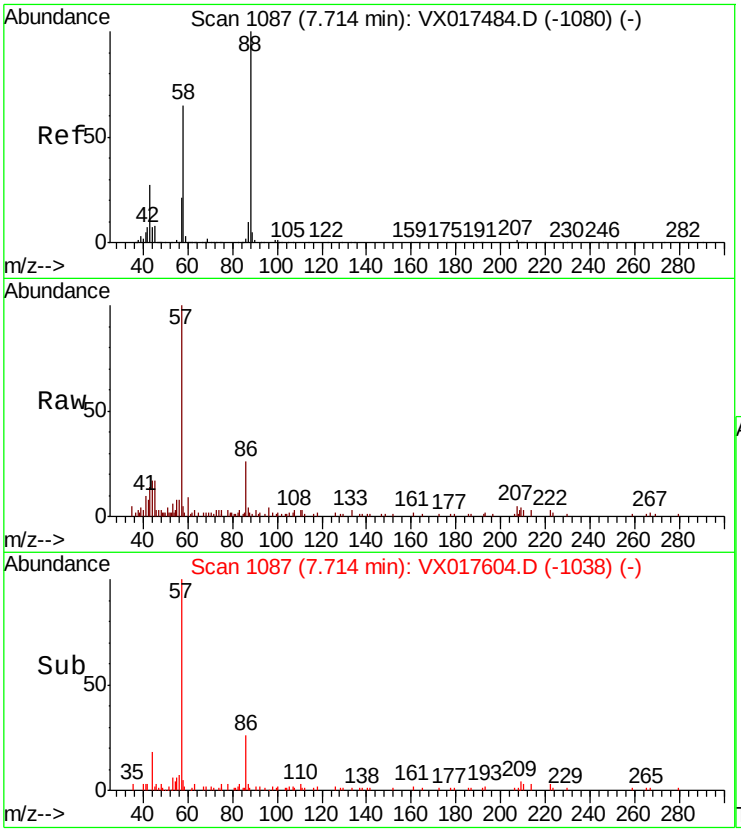


#48
Methyl methacrylate
Concen: 1.082 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.10 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 41 Resp: 6808

Ion	Ratio	Lower	Upper
41	100		
69	4.5	63.1	94.7#
39	0.0	45.1	67.7#



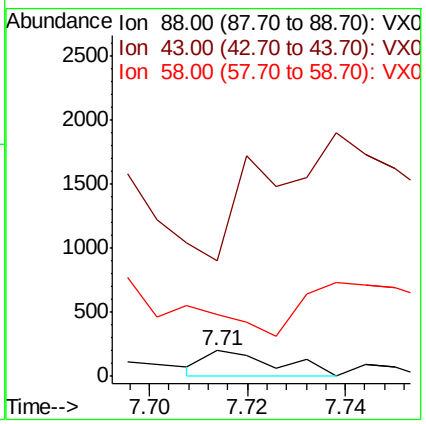


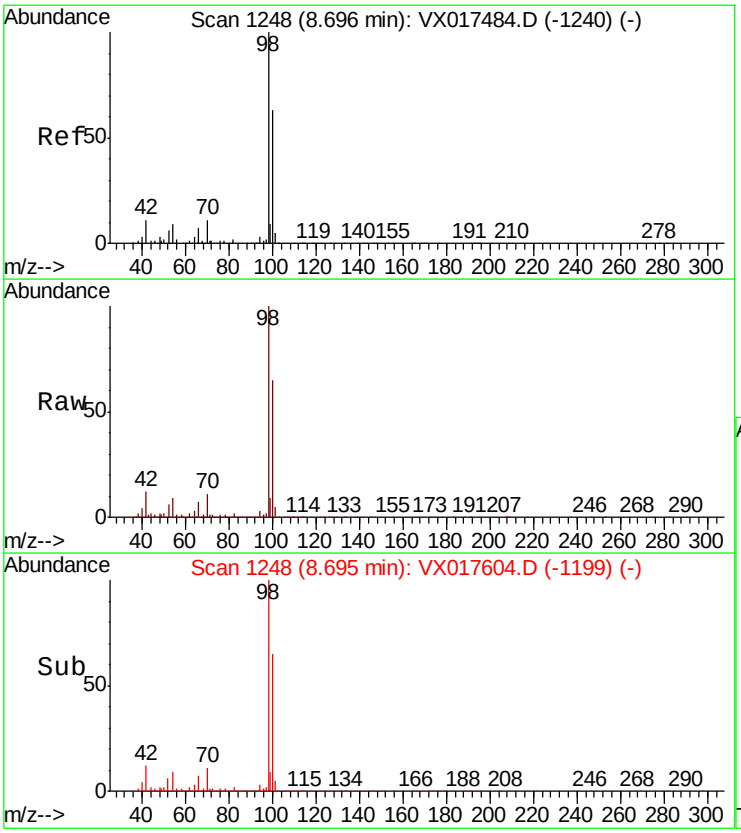
#49
1,4-Dioxane
Concen: 1.708 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 206

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

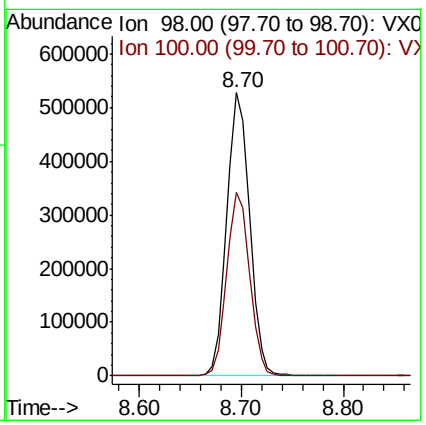


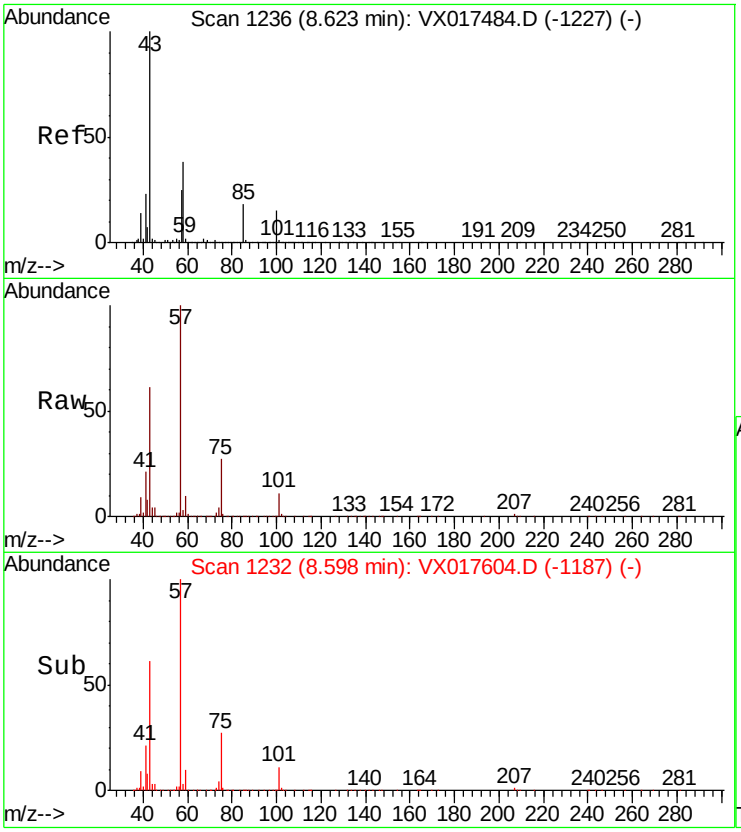


#50
Toluene-d8
Concen: 46.256 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 98 Resp: 818077

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5



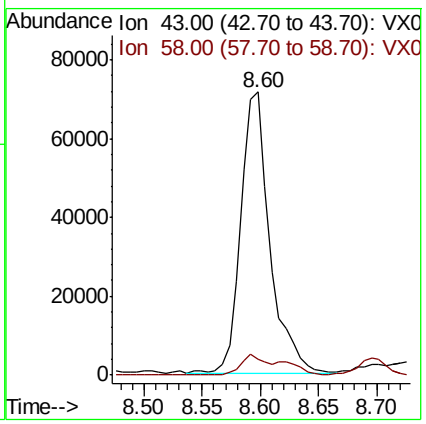


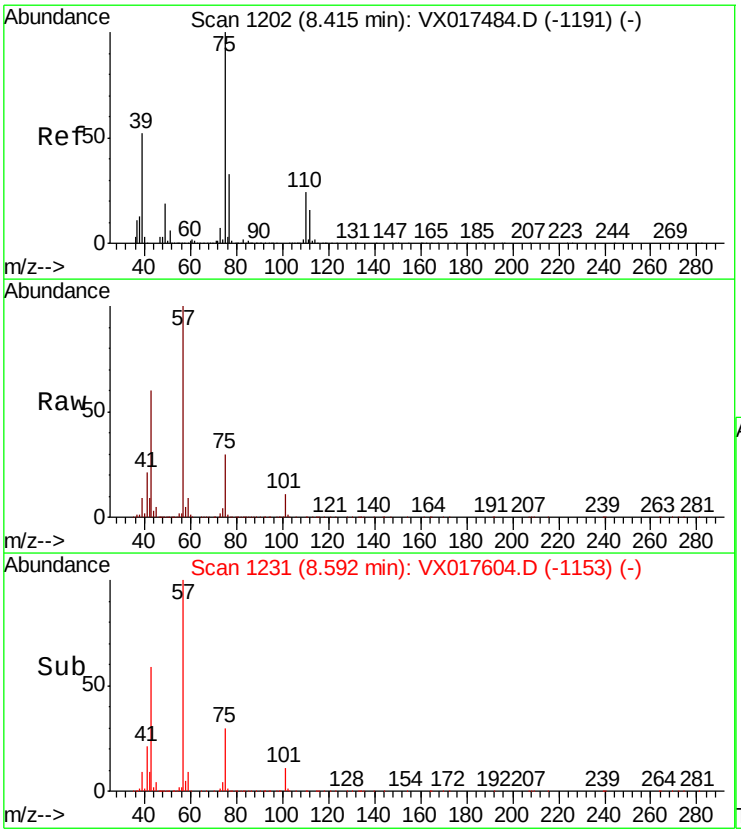
#51
4-Methyl-2-Pentanone
Concen: 16.337 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 123721

Ion	Ratio	Lower	Upper
43	100		
58	6.4	31.0	46.4#

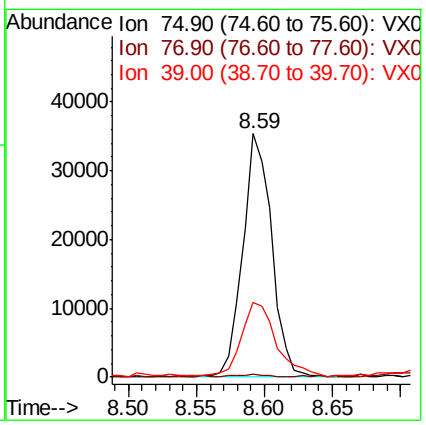


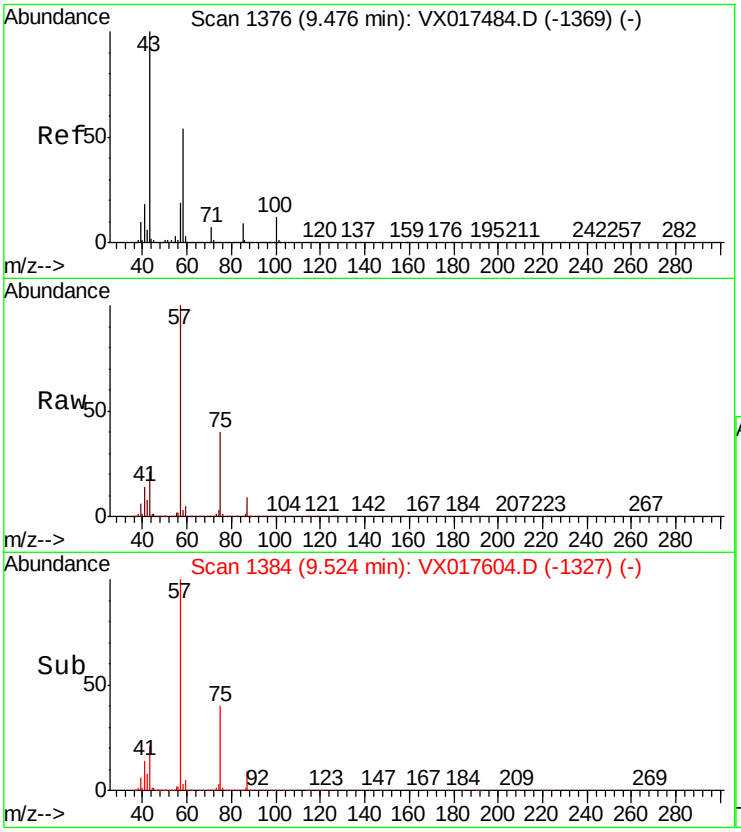


#54
cis-1,3-Dichloropropene
Concen: 5.825 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 75 Resp: 52845

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.5	38.3#
39	30.3	41.8	62.8#



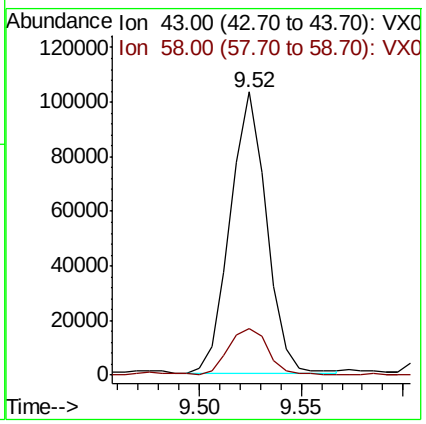


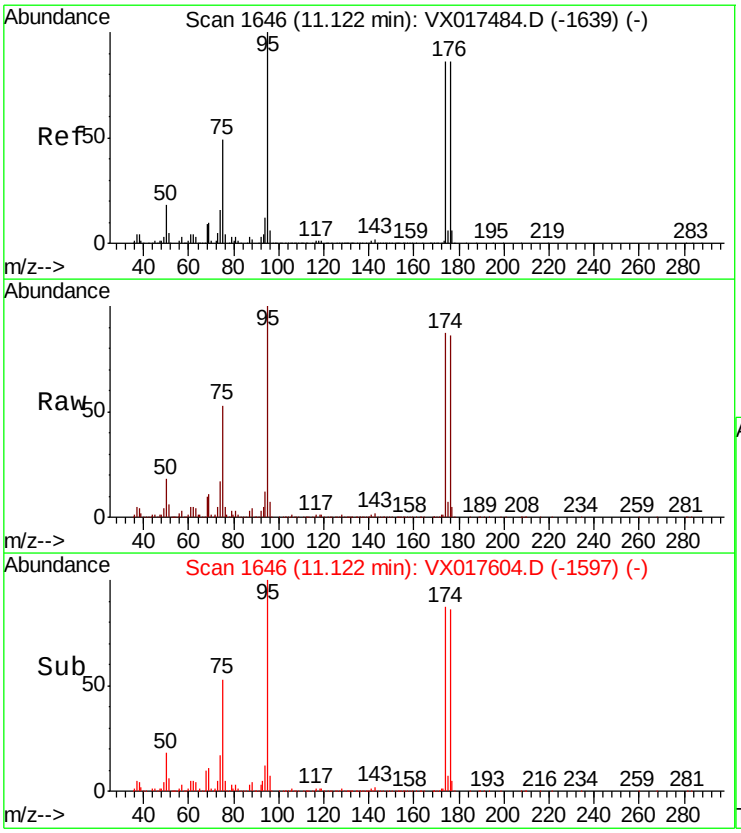
#59
2-Hexanone
Concen: 22.490 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 128225

Ion	Ratio	Lower	Upper
43	100		
58	18.5	26.6	79.8#

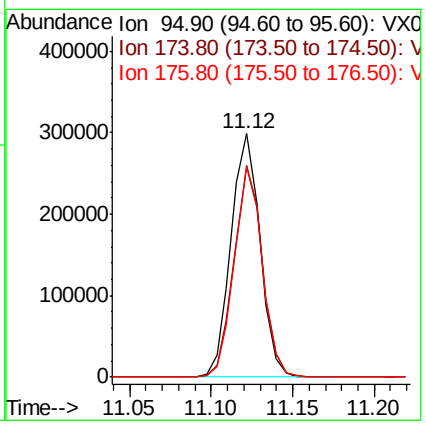


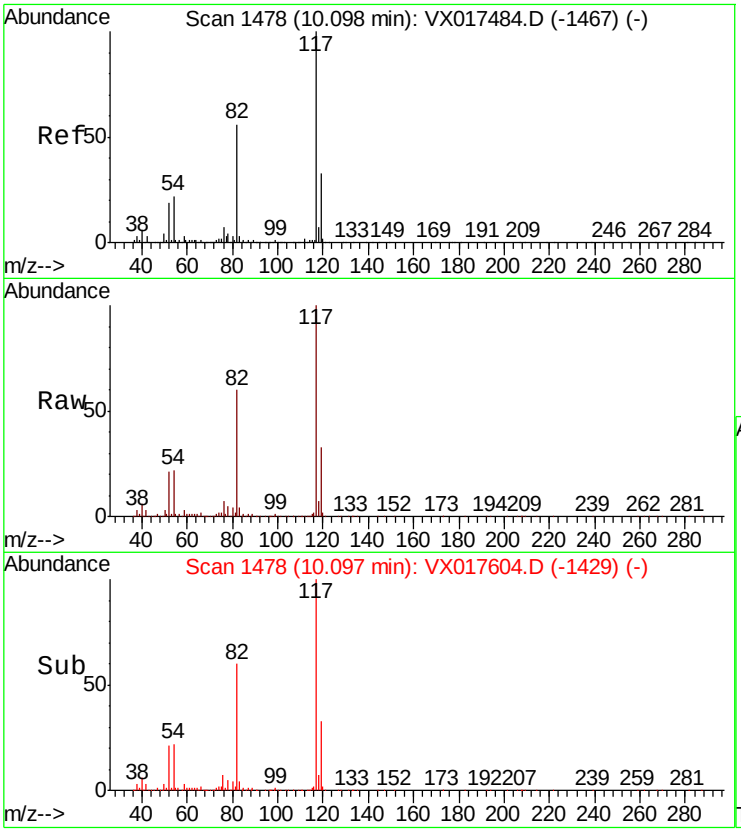


#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 95 Resp: 370105

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	169.0
176	83.4	0.0	161.0



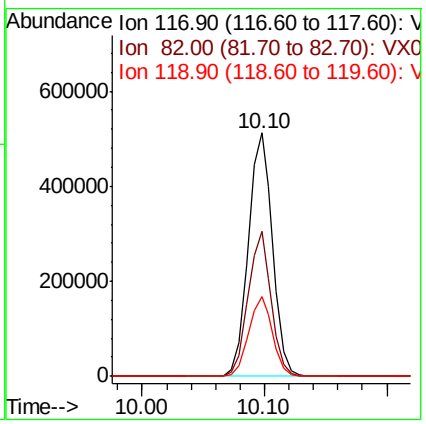


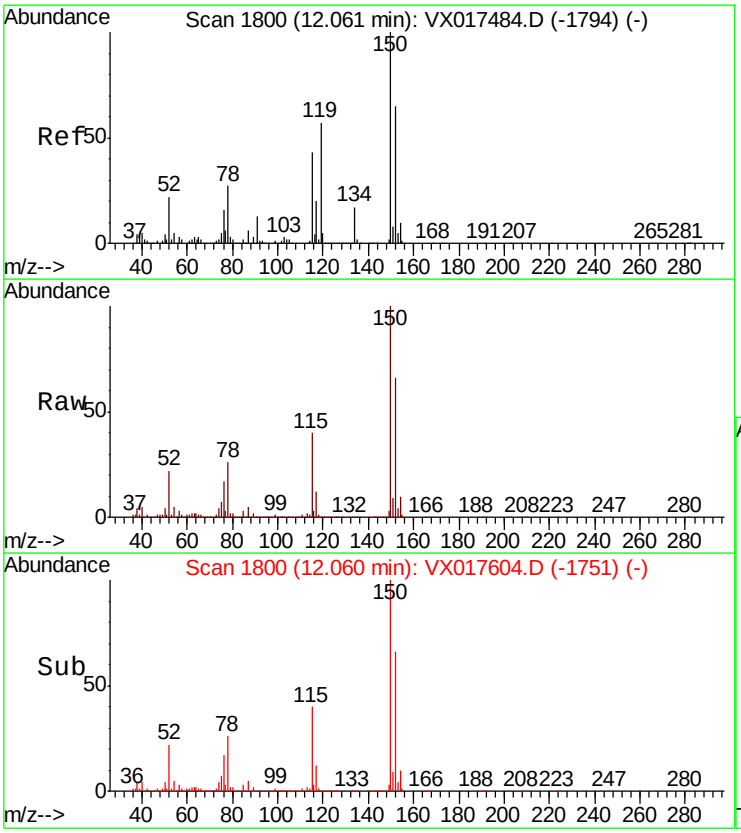
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 704767

Ion	Ratio	Lower	Upper
117	100		
82	59.5	44.0	66.0
119	33.0	25.4	38.0

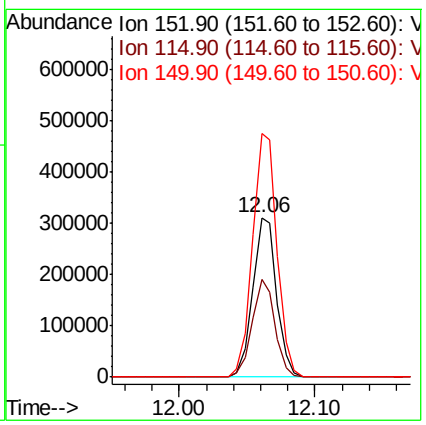


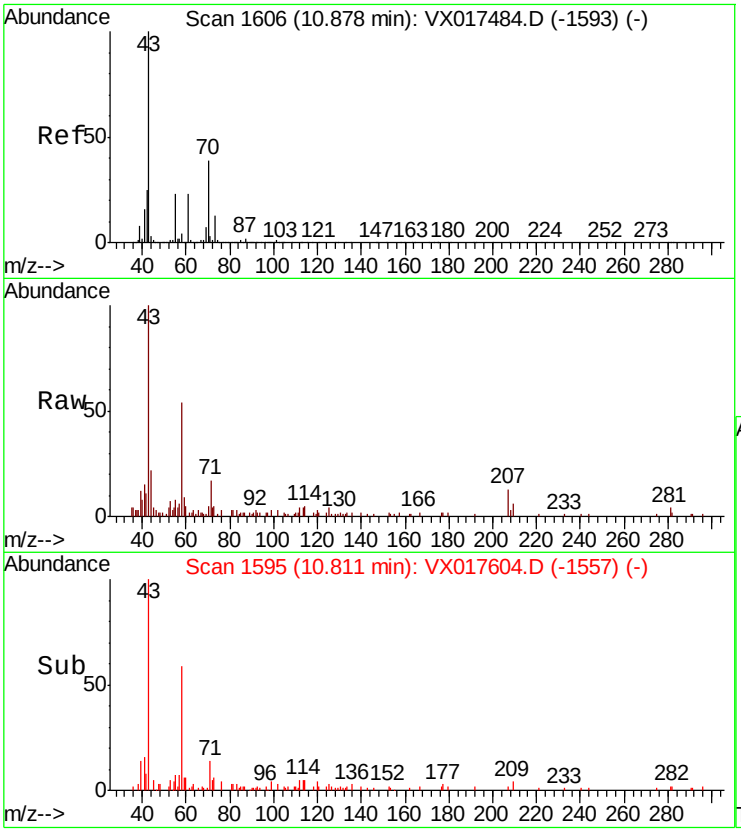


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion:152 Resp: 383237

Ion	Ratio	Lower	Upper
152	100		
115	58.8	65.5	196.6#
150	156.2	0.0	412.6



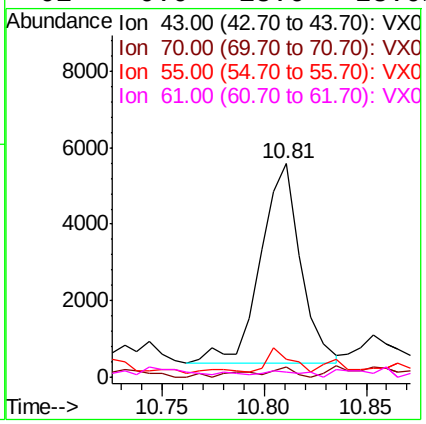


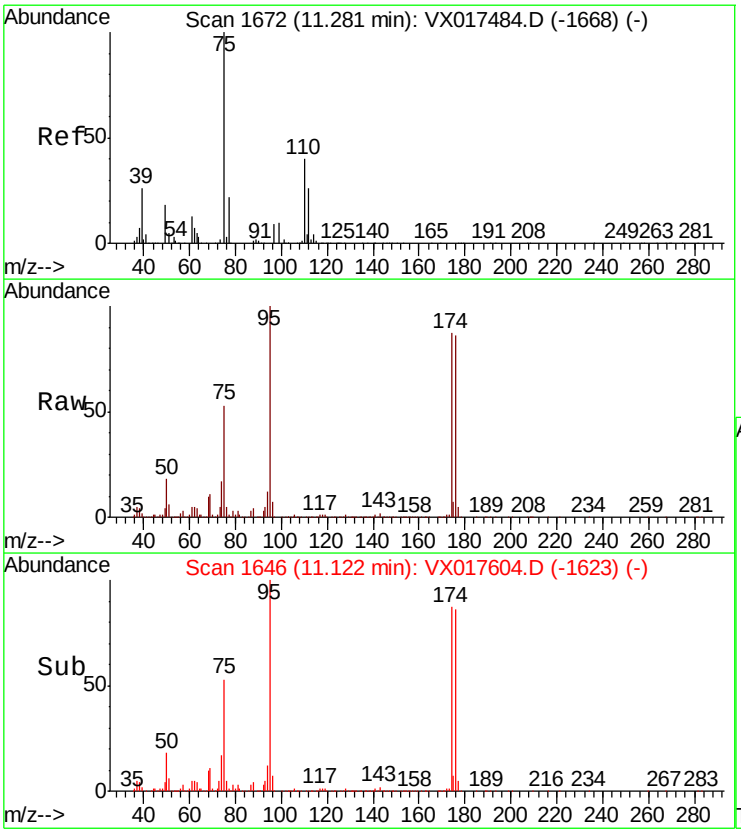
#74
N-amyl acetate
Concen: 0.607 ug/l
RT: 10.81 min Scan# 1595
Delta R.T. -0.07 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7089

Ion	Ratio	Lower	Upper
43	100		
70	5.2	32.3	48.5#
55	7.4	18.4	27.6#
61	0.0	18.6	28.0#

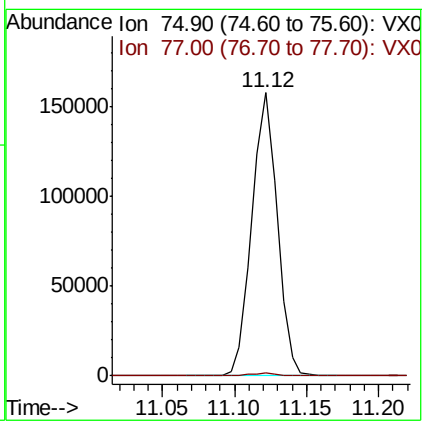


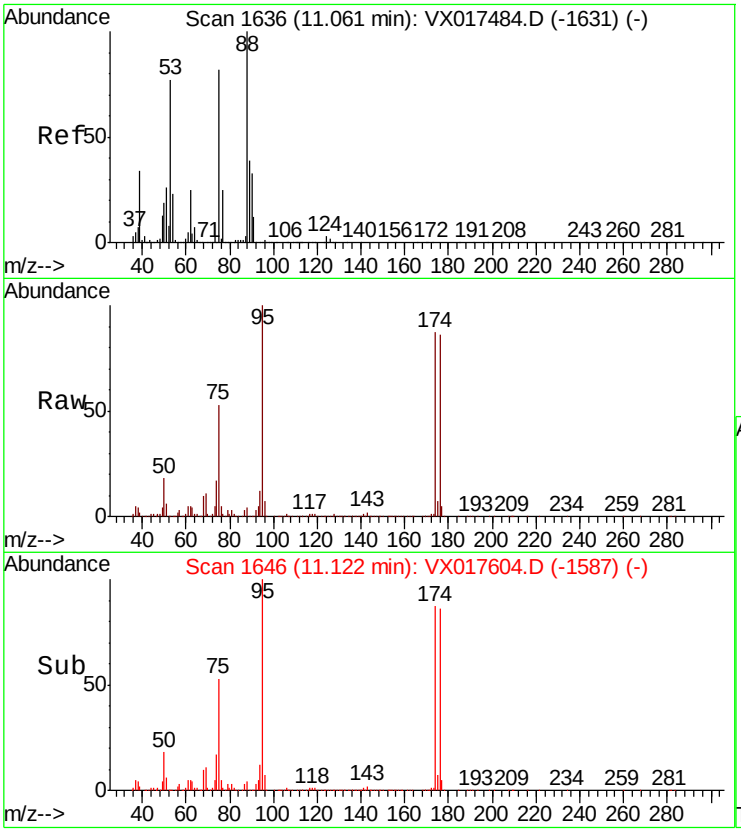


#76
1,2,3-Trichloropropane
Concen: 24.305 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 75 Resp: 191608

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.8	65.3#



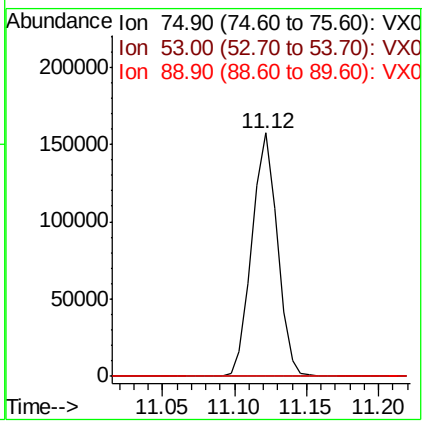


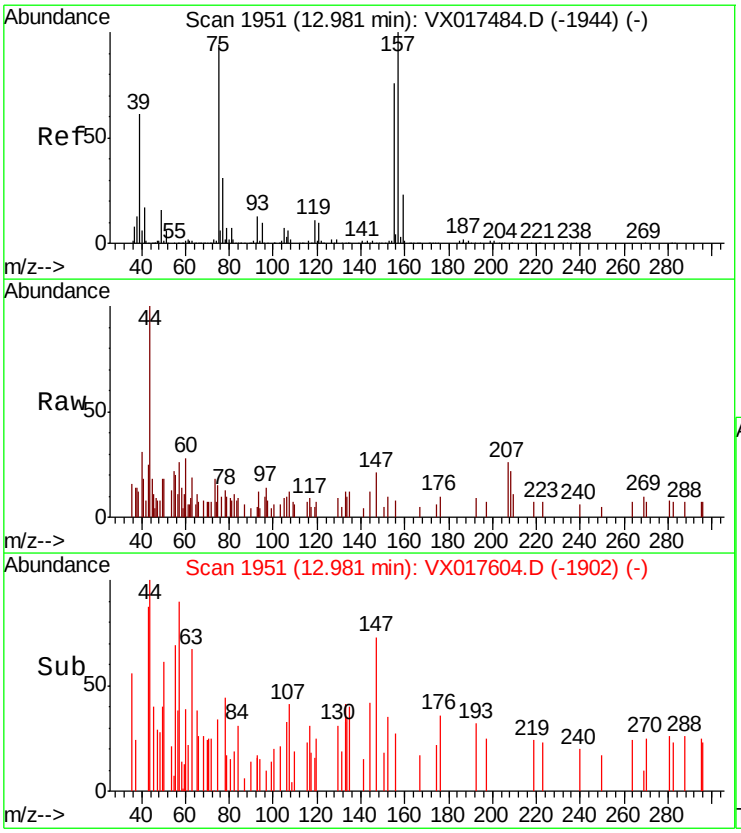
#81
trans-1,4-Dichloro-2-butene
Concen: 61.244 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 191608

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.624 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 75 Resp: 115

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