Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071620\
Data File : VX017404.D
Acq On : 16 Jul 2020 20:16
Operator : JC/SP
Sample : L3334-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Quant Time: Jul 17 01:03:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	256706	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	439816	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	479603	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	252981	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	174446	54.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.28%				
35) Dibromofluoromethane	5.47	113	154869	52.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.54%				
50) Toluene-d8	8.70	98	575590	53.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.72%				
62) 4-Bromofluorobenzene	11.12	95	223673	52.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.38%				
Target Compounds							Qvalue
3) Chloromethane	1.31	50	1179	0.482	ug/l	#	88
5) Bromomethane	1.64	94	435	0.276	ug/l	#	48
10) Methyl Iodide	2.50	142	1271	2.767	ug/l	#	84
11) Tert butyl alcohol	3.01	59	1841	3.392	ug/l	#	79
13) Acrolein	2.28	56	107	0.360	ug/l	#	1
14) Allyl chloride	2.68	41	12048	2.976	ug/l	#	42
15) Acrylonitrile	3.11	53	284	0.216	ug/l	#	43
16) Acetone	2.42	43	320201	278.574	ug/l		96
17) Carbon Disulfide	2.55	76	1425713	209.207	ug/l		100
18) Methyl Acetate	2.74	43	900	0.317	ug/l	#	39
20) Methylene Chloride	2.84	84	2729	0.973	ug/l	#	83
25) 2-Butanone	4.63	43	20699	11.338	ug/l		96
29) Tetrahydrofuran	5.09	42	1093	0.925	ug/l	#	60
30) Chloroform	5.17	83	26737	5.484	ug/l		98
36) 1,1-Dichloropropene	5.63	75	19491	4.818	ug/l	#	41
37) Ethyl Acetate	4.63	43	20699	4.948	ug/l	#	70
38) Carbon Tetrachloride	5.63	117	25450	5.373	ug/l	#	17
40) Benzene	6.12	78	17541	1.509	ug/l		98
49) 1,4-Dioxane	7.47	88	49	0.746	ug/l	#	1
52) Toluene	8.77	92	3307	0.443	ug/l		90
55) 1,1,2-Trichloroethane	9.06	97	1269	0.408	ug/l	#	21
58) 2-Chloroethyl Vinyl ether	8.46	63	22007	9.813	ug/l	#	44
68) m/p-Xylenes	10.34	106	4411	0.715	ug/l		93
69) o-Xylene	10.68	106	2771	0.470	ug/l		100
76) 1,2,3-Trichloropropane	11.12	75	110268	23.588	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	2839	0.211	ug/l		90
81) trans-1,4-Dichloro-2-buten	11.12	75	110268	59.838	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.79	105	10913	0.802	ug/l		95
85) sec-Butylbenzene	11.79	105	10913	0.716	ug/l	#	56
95) Naphthalene	13.82	128	144447	9.321	ug/l		99

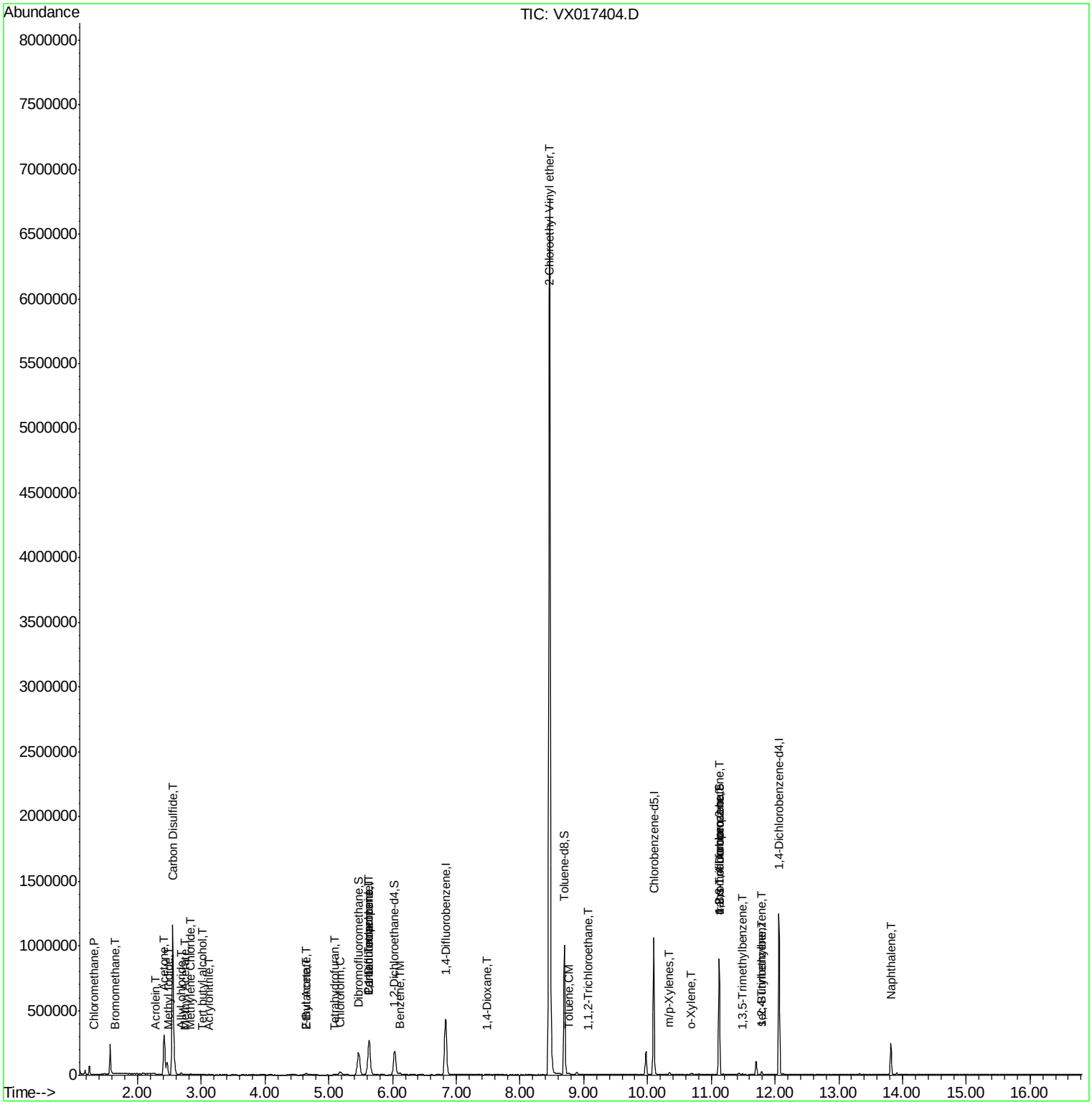
(#) = qualifier out of range (m) = manual integration (+) = signals summed

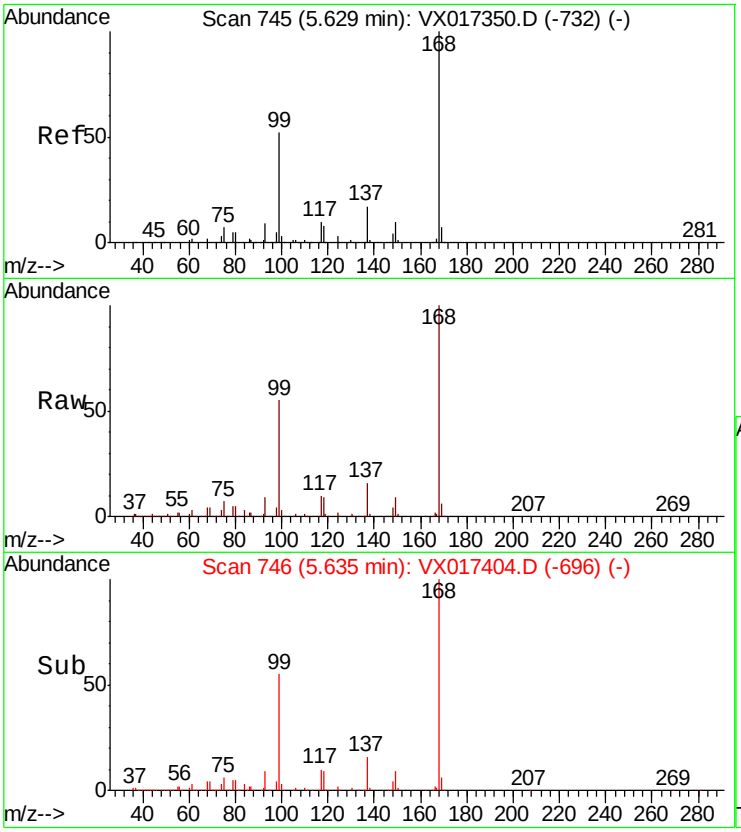
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
Data File : VX017404.D
Acq On : 16 Jul 2020 20:16
Operator : JC/SP
Sample : L3334-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Quant Time: Jul 17 01:03:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration



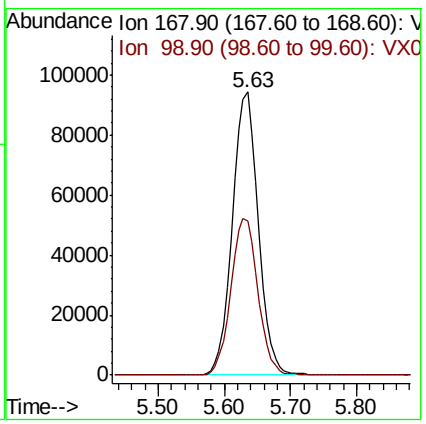


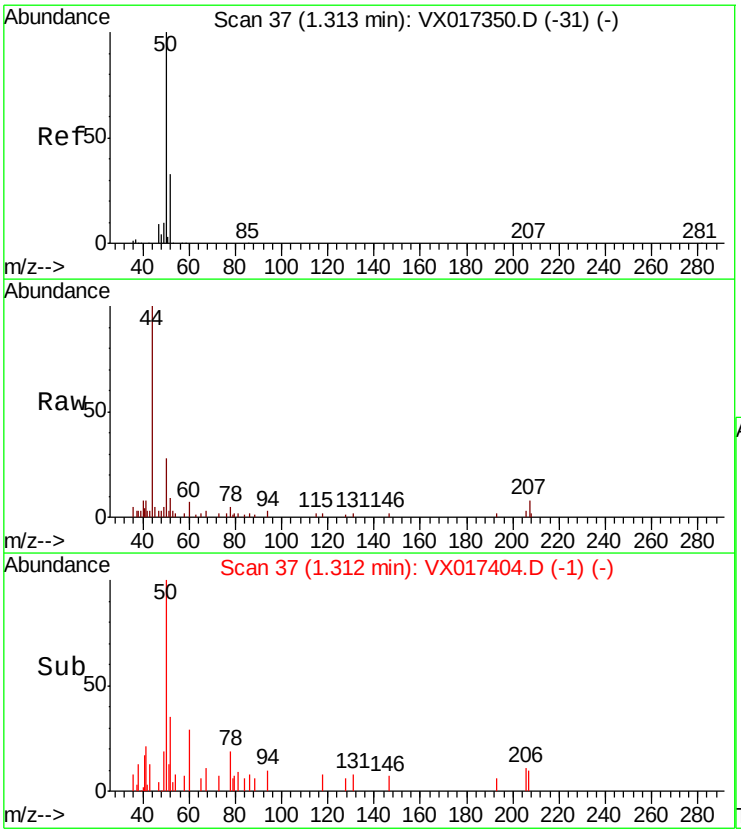
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion:168 Resp: 256706

Ion	Ratio	Lower	Upper
168	100		
99	54.7	41.6	62.4

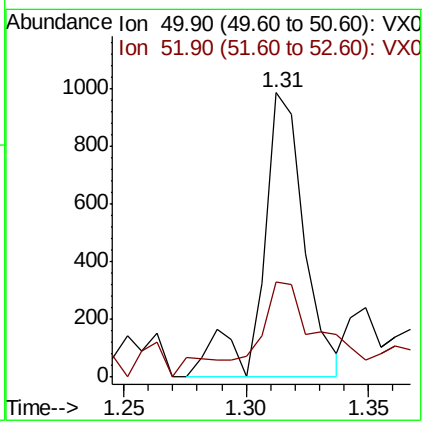


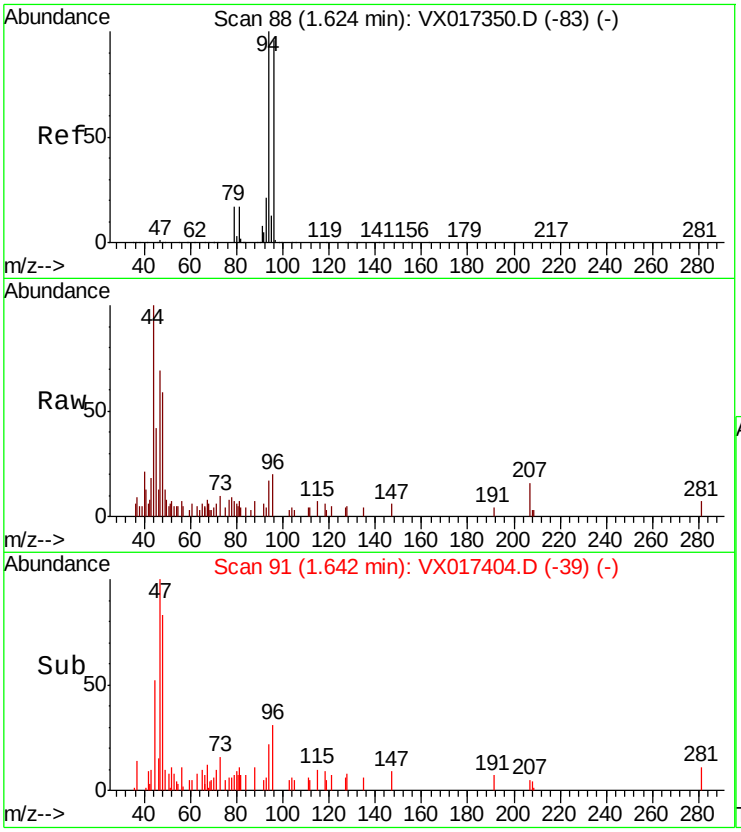


#3
Chloromethane
Concen: 0.482 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 50 Resp: 1179

Ion	Ratio	Lower	Upper
50	100		
52	26.6	26.7	40.1#



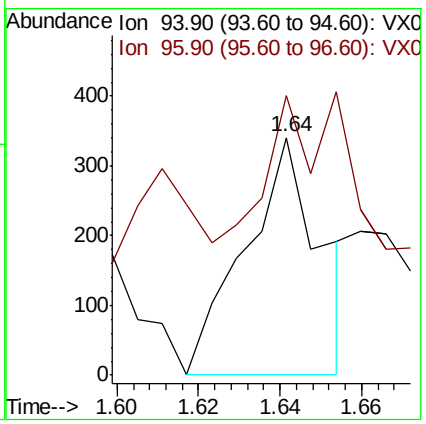


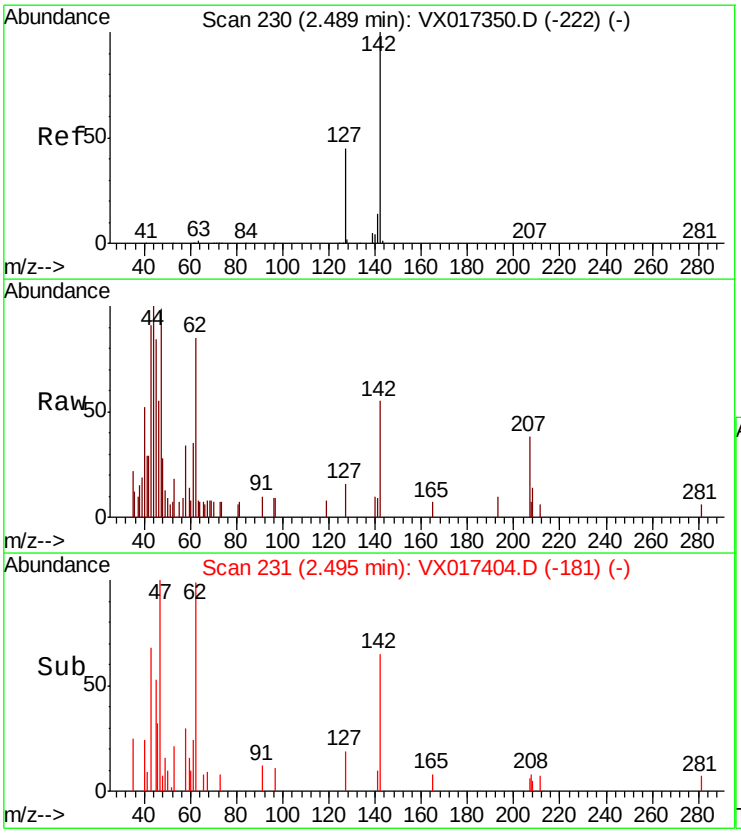
#5
Bromomethane
Concen: 0.276 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 94 Resp: 435

Ion	Ratio	Lower	Upper
94	100		
96	45.5	76.6	115.0#

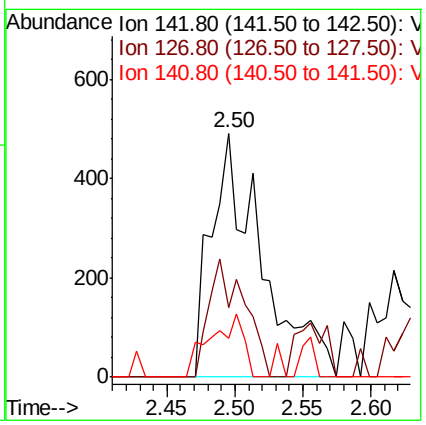


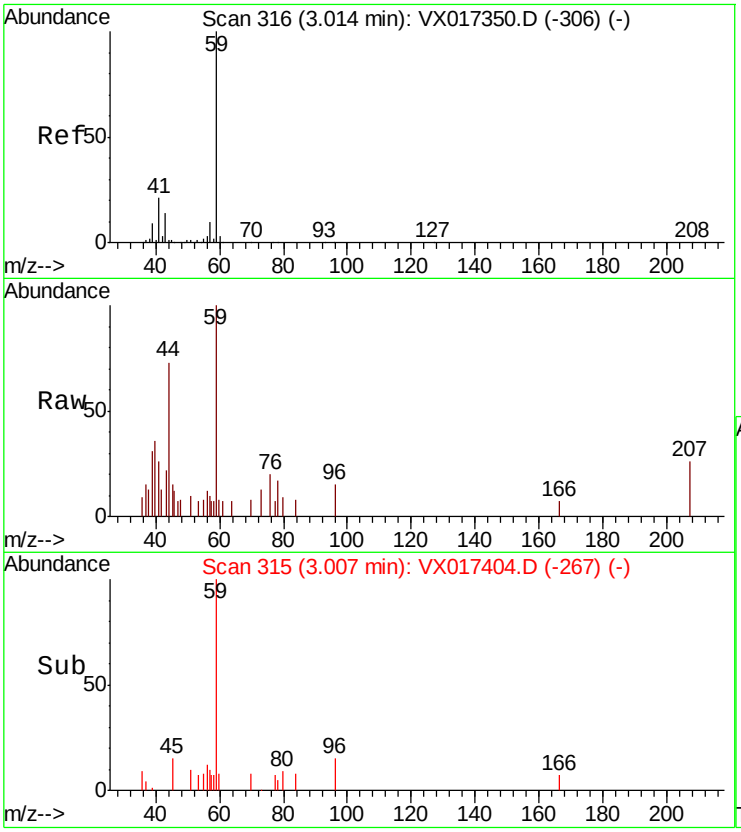


#10
Methyl Iodide
Concen: 2.767 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:142 Resp: 1271

Ion	Ratio	Lower	Upper
142	100		
127	33.6	36.8	55.2#
141	16.9	11.4	17.0



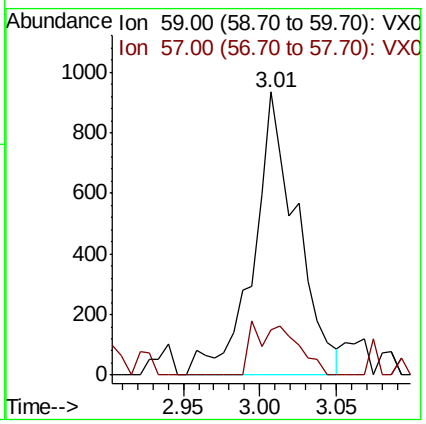


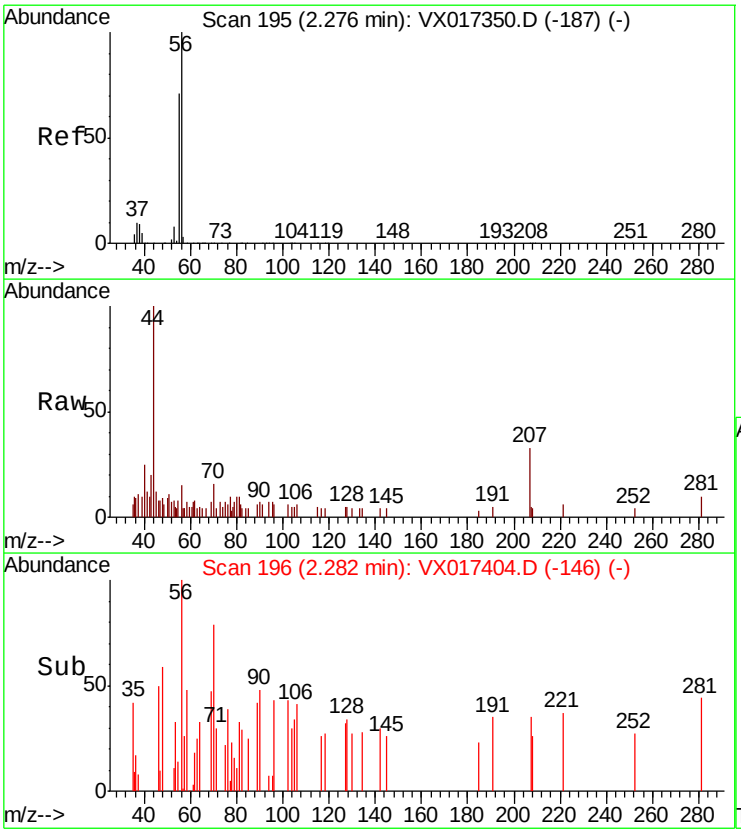
#11
Tert butyl alcohol
Concen: 3.392 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion: 59 Resp: 1841

Ion	Ratio	Lower	Upper
59	100		
57	18.3	8.3	12.5#

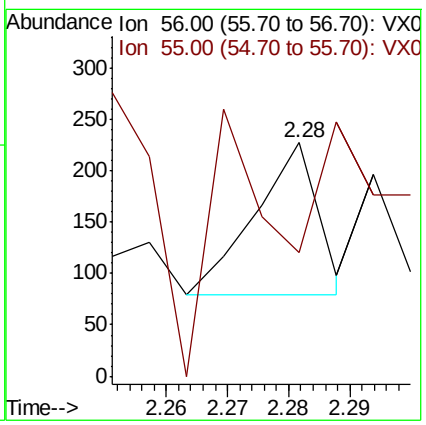


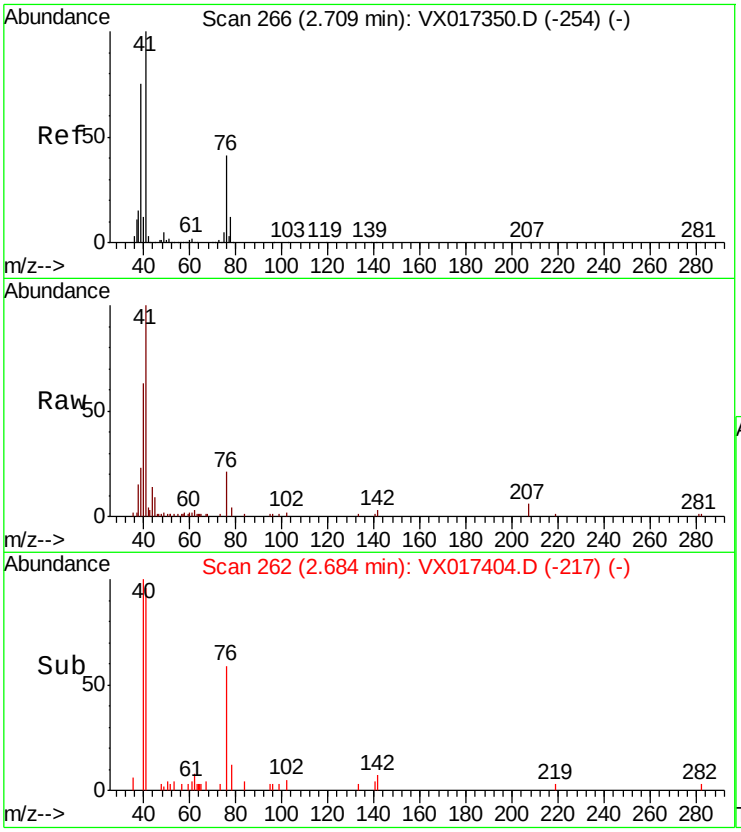


#13
Acrolein
Concen: 0.360 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 56 Resp: 107

Ion	Ratio	Lower	Upper
56	100		
55	215.0	57.1	85.7#



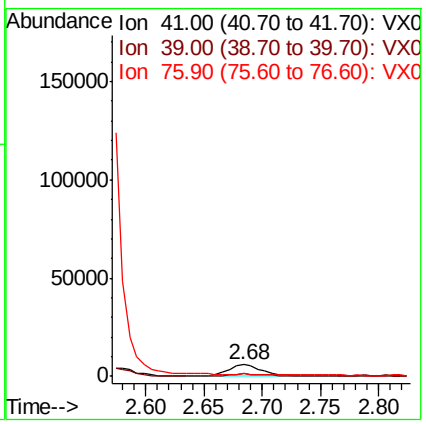


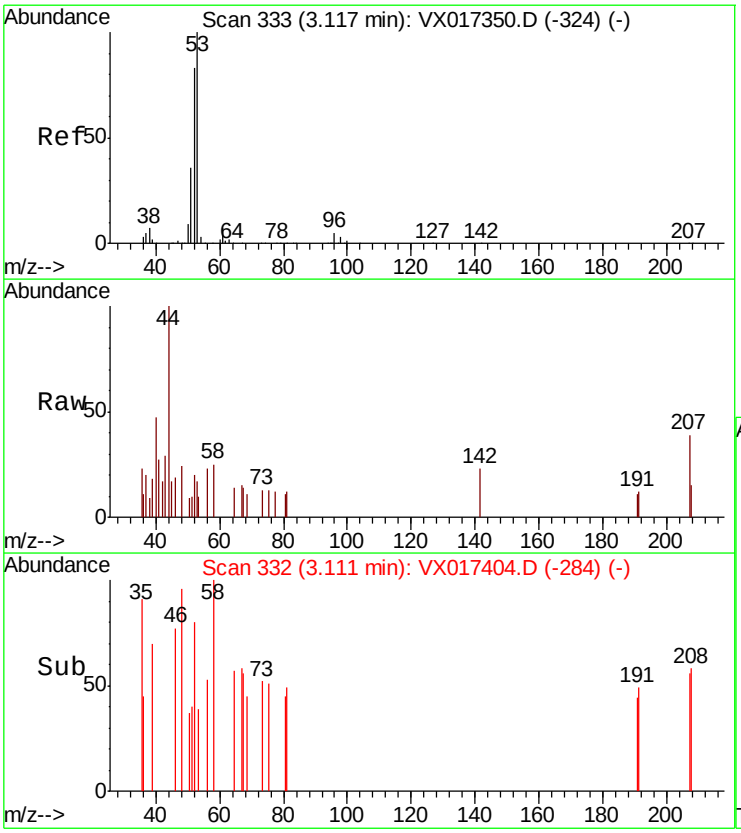
#14
Allyl chloride
Concen: 2.976 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 41 Resp: 12048

Ion	Ratio	Lower	Upper
41	100		
39	20.9	53.0	79.4#
76	0.0	28.2	42.2#

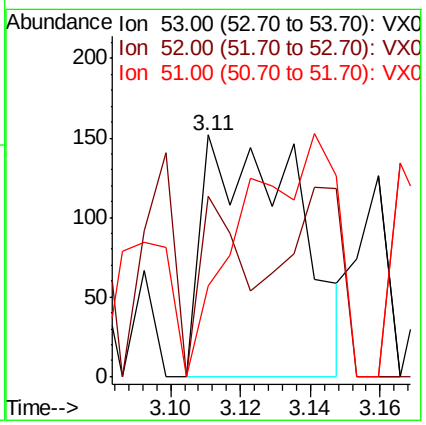


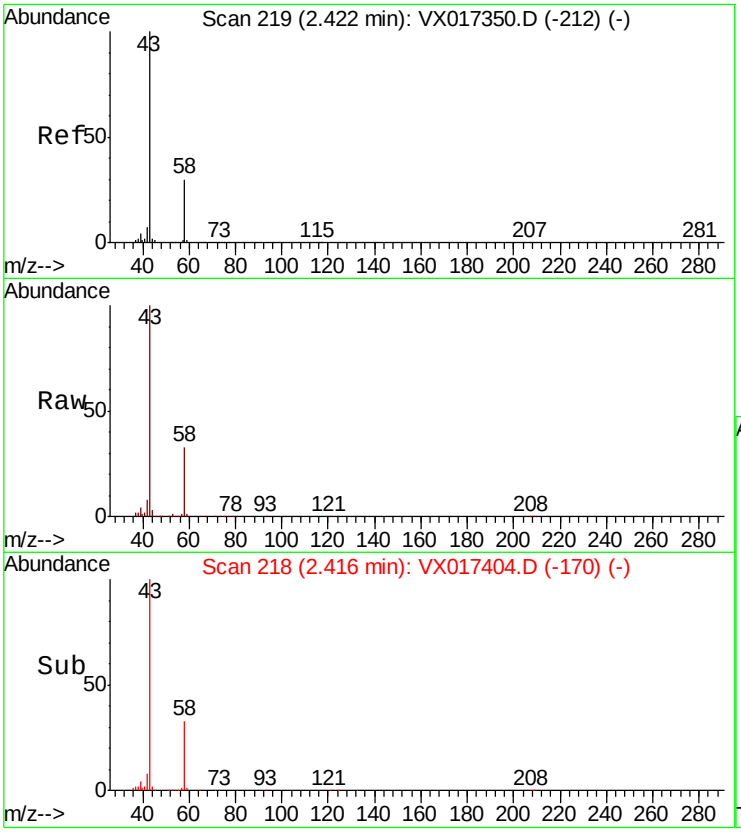


#15
Acrylonitrile
Concen: 0.216 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 53 Resp: 284

Ion	Ratio	Lower	Upper
53	100		
52	33.1	65.8	98.6#
51	0.0	29.2	43.8#



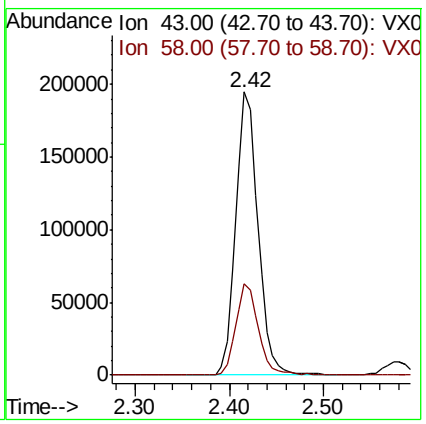


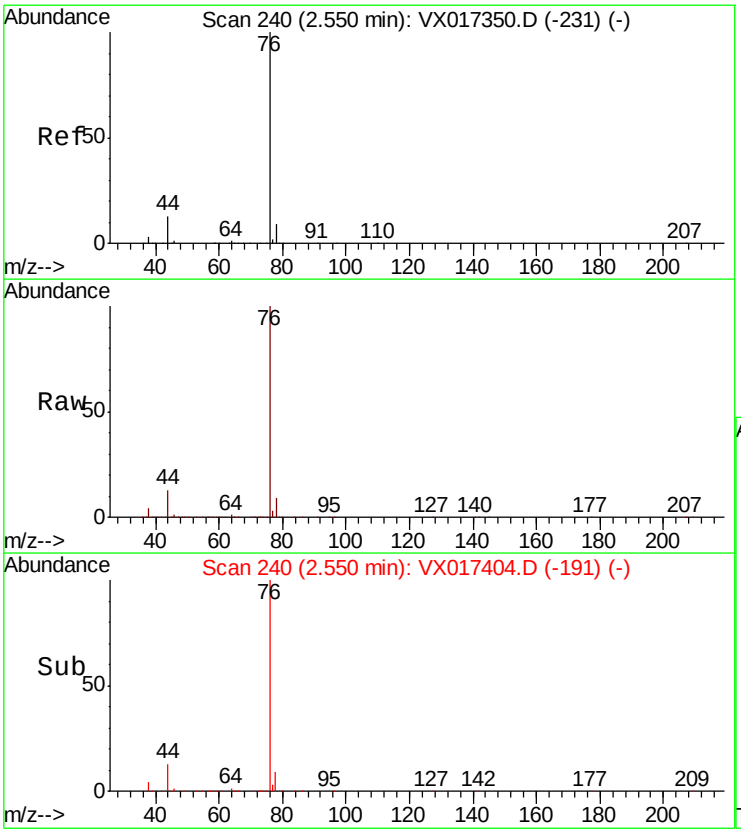
#16
Acetone
Concen: 278.574 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 43 Resp: 320201

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.2	36.2

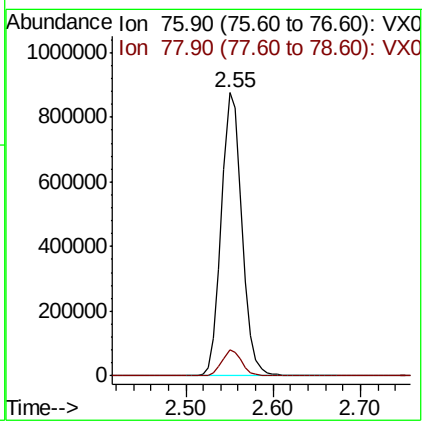


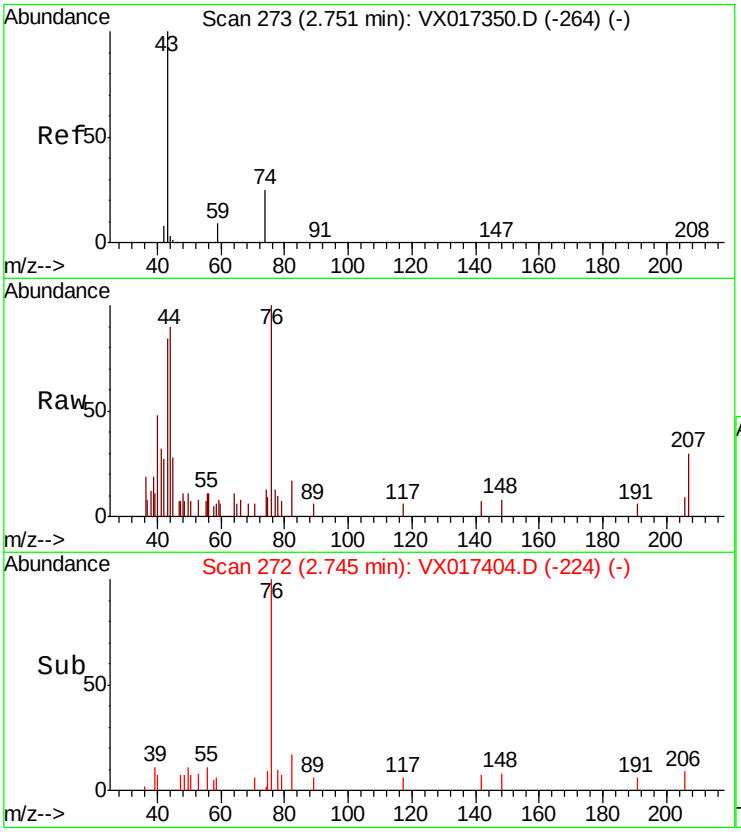


#17
Carbon Disulfide
Concen: 209.207 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 76 Resp: 1425713

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9



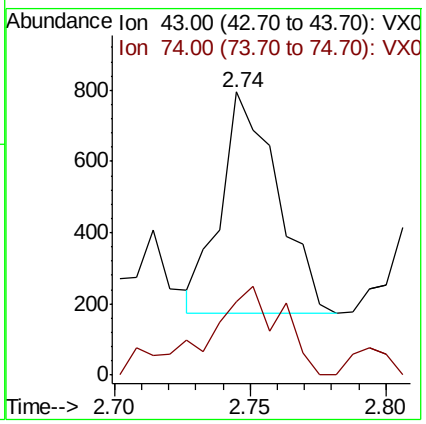


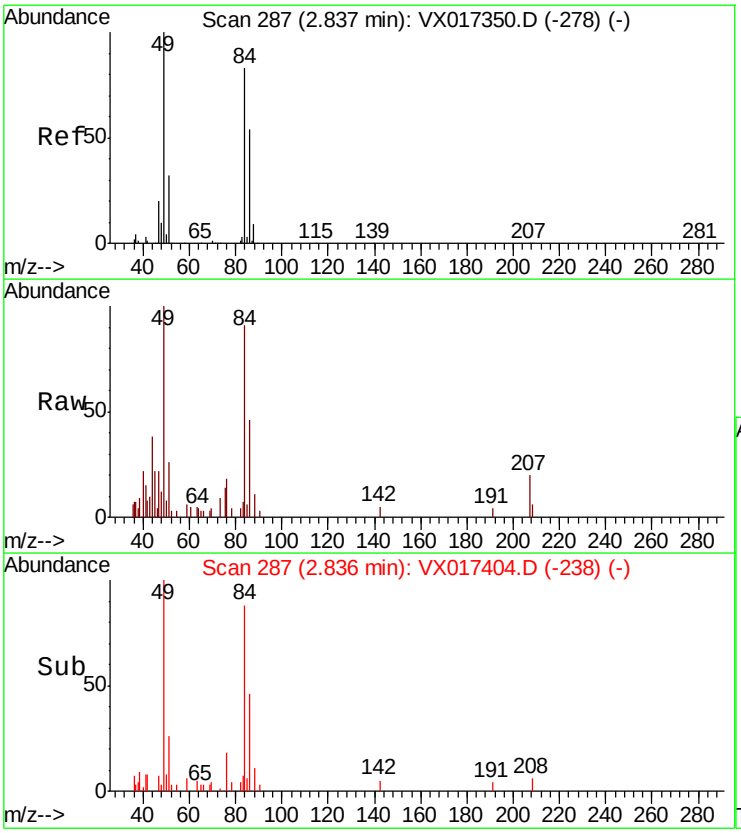
#18
Methyl Acetate
Concen: 0.317 ug/l
RT: 2.74 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion: 43 Resp: 900

Ion	Ratio	Lower	Upper
43	100		
74	54.8	19.4	29.2#

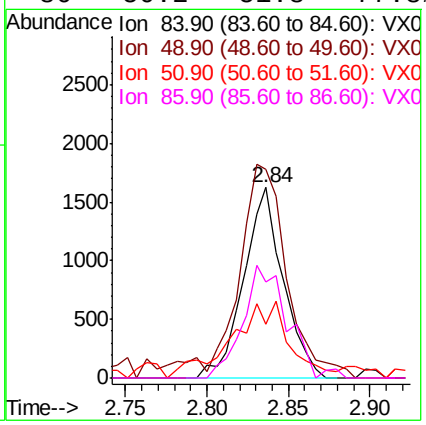


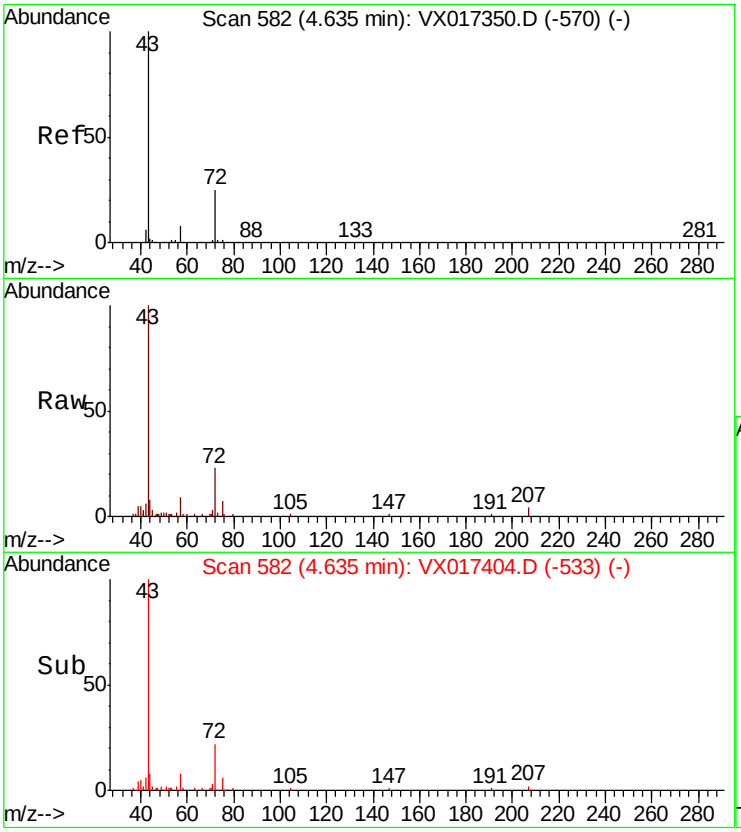


#20
Methylene Chloride
Concen: 0.973 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 84 Resp: 2729

Ion	Ratio	Lower	Upper
84	100		
49	103.0	95.8	143.8
51	25.1	31.0	46.4#
86	50.2	51.8	77.8#



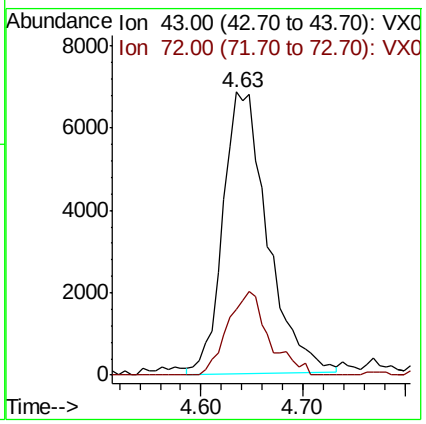


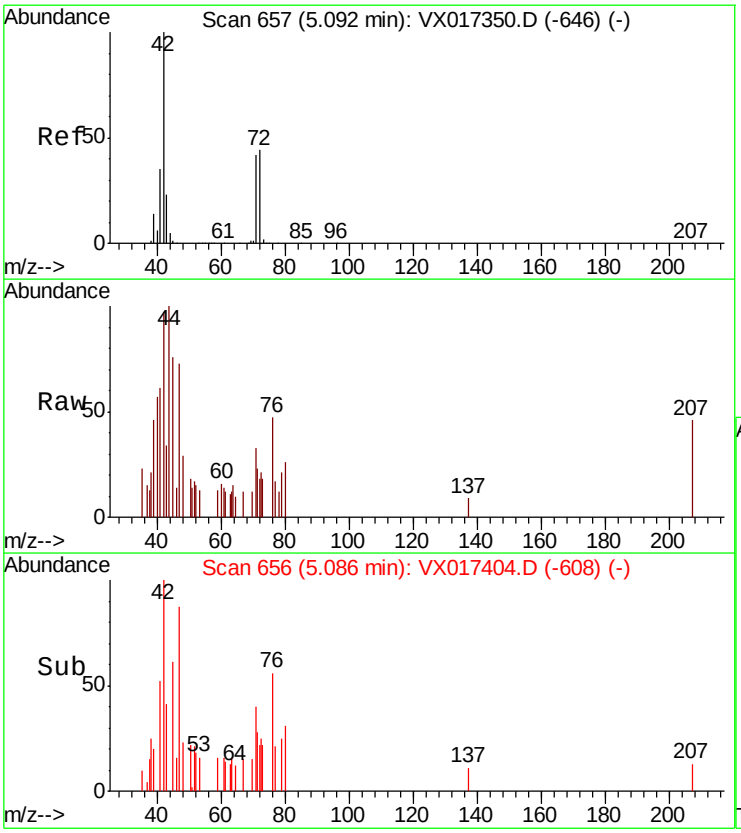
#25
2-Butanone
Concen: 11.338 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 43 Resp: 20699

Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.4	30.6

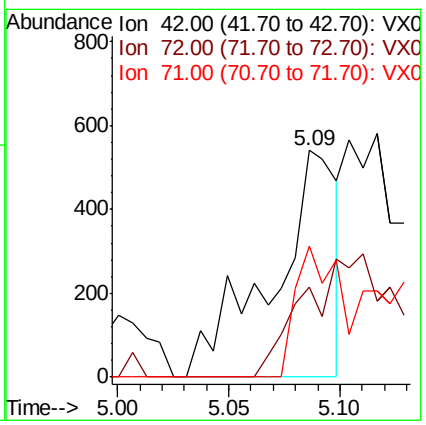


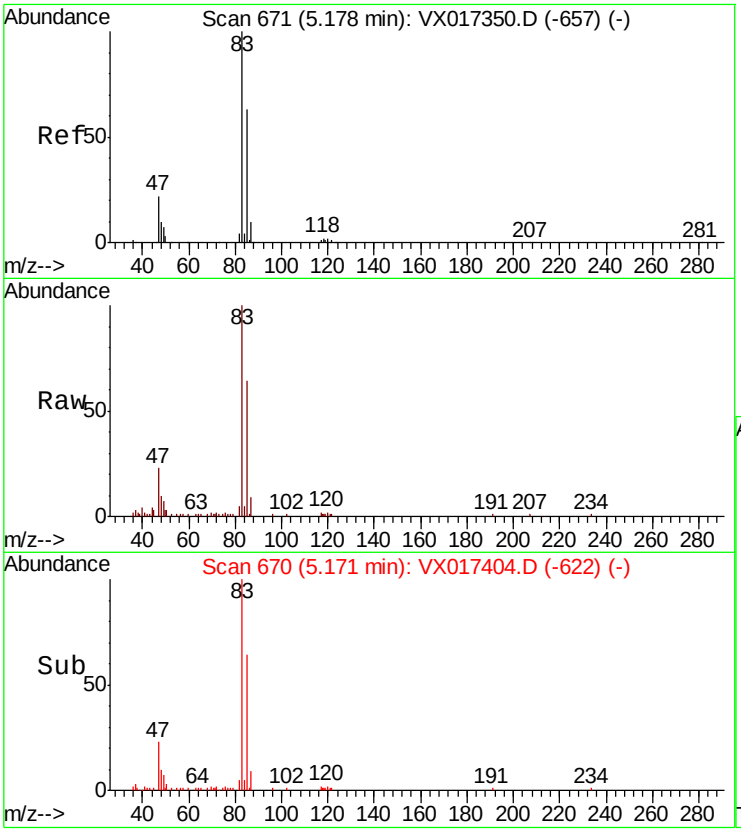


#29
Tetrahydrofuran
Concen: 0.925 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 42 Resp: 1093

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.2	55.8#
71	37.9	34.4	51.6



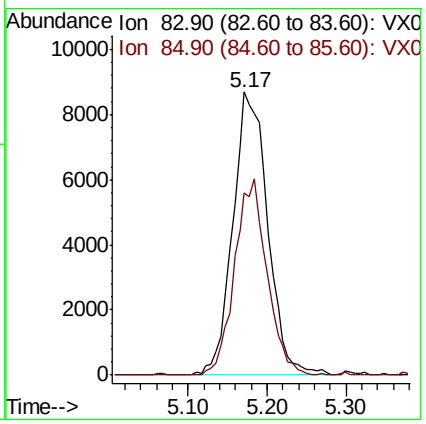


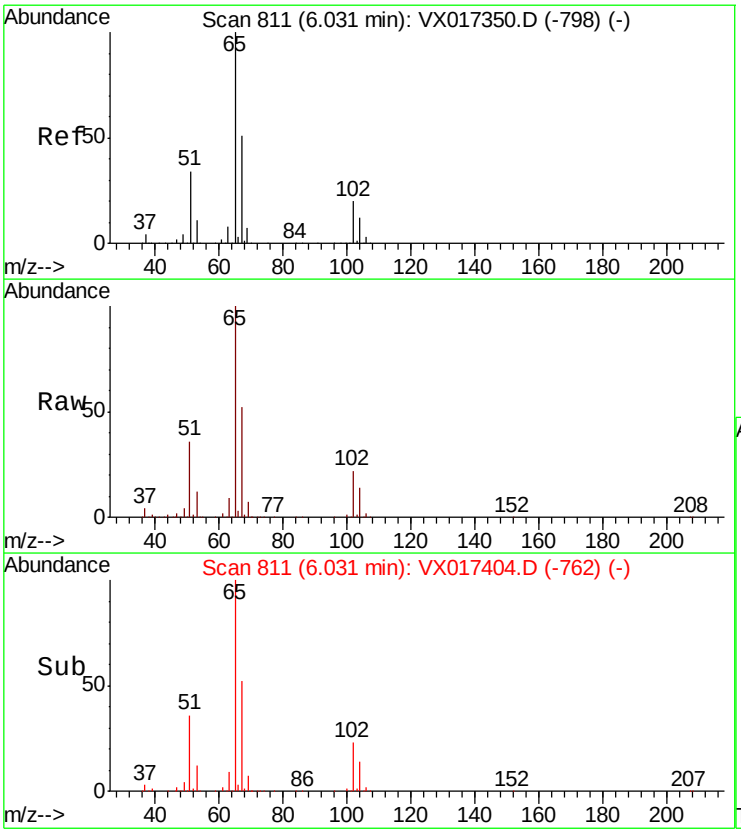
#30
Chloroform
Concen: 5.484 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 83 Resp: 26737

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4

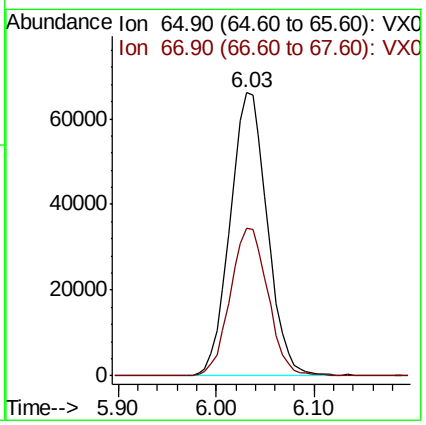


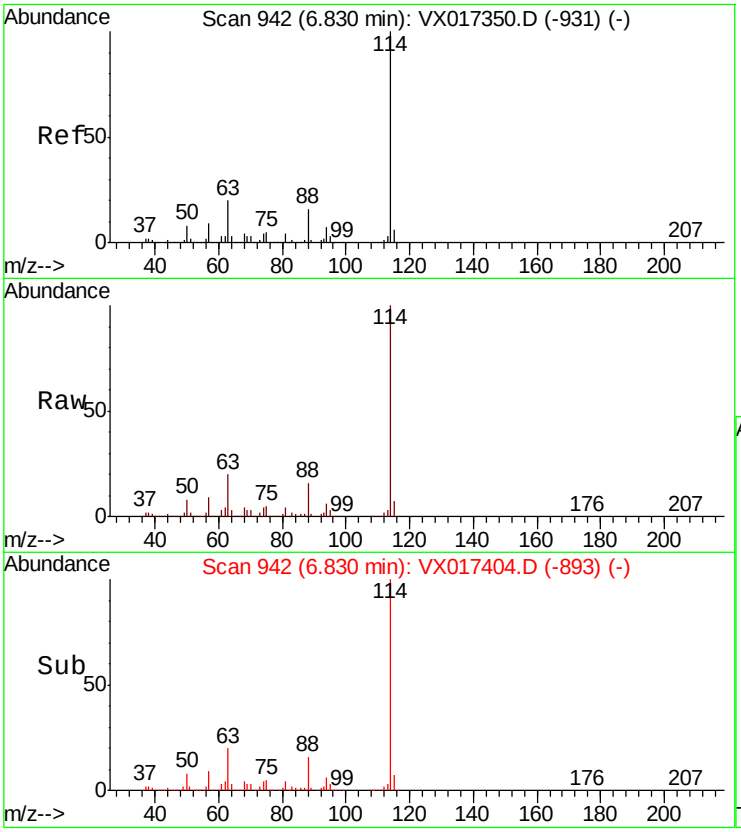


#33
1,2-Dichloroethane-d4
Concen: 54.144 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 65 Resp: 174446

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.6



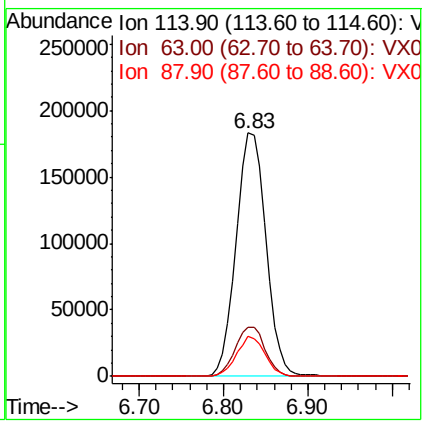


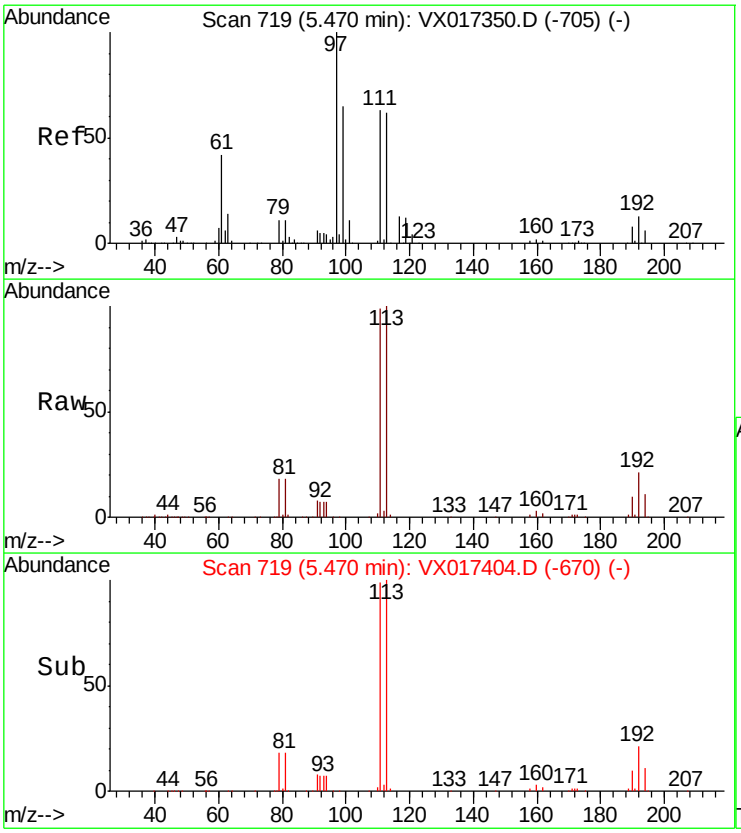
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion:114 Resp: 439816

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.0
88	16.3	0.0	32.8

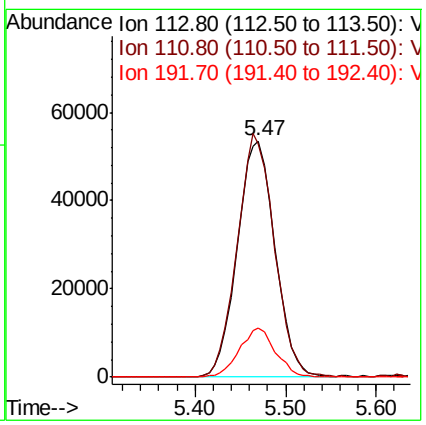


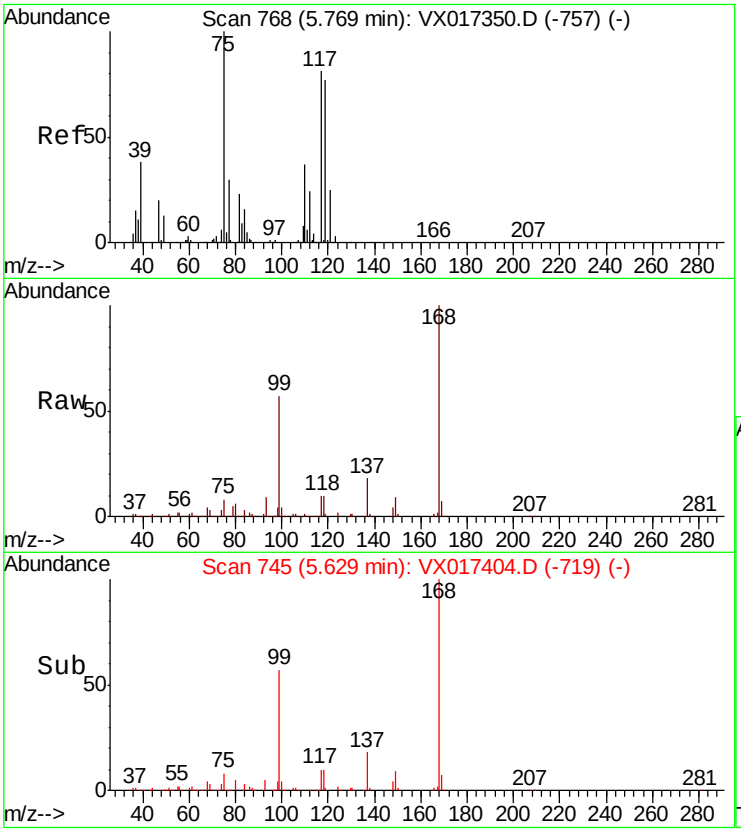


#35
Dibromofluoromethane
Concen: 52.273 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:113 Resp: 154869

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	20.1	17.2	25.8



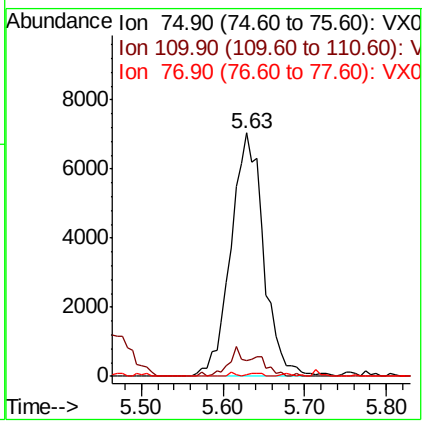


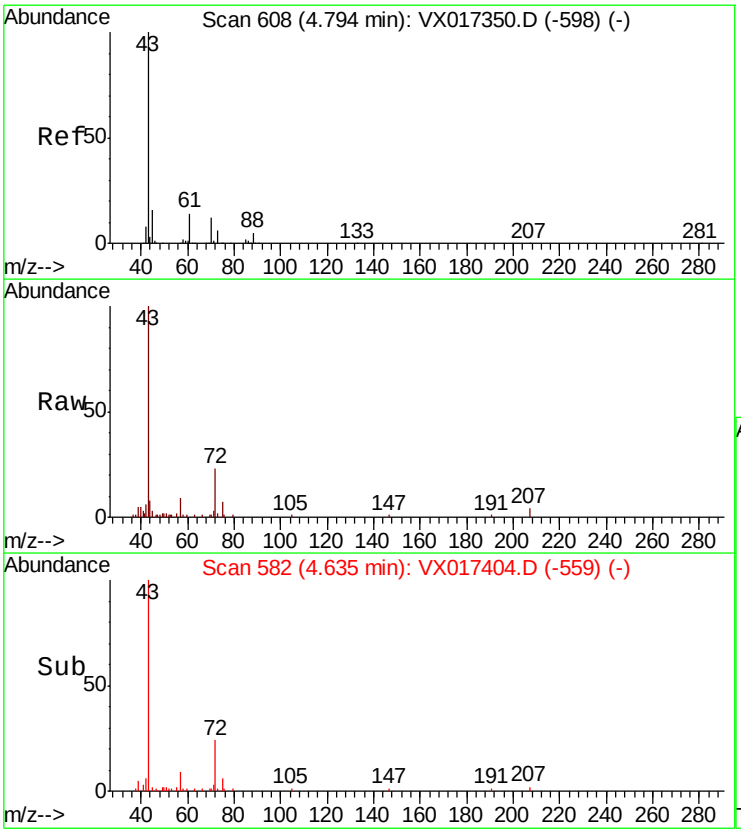
#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion: 75 Resp: 19491

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.6	55.8#
77	0.6	24.9	37.3#

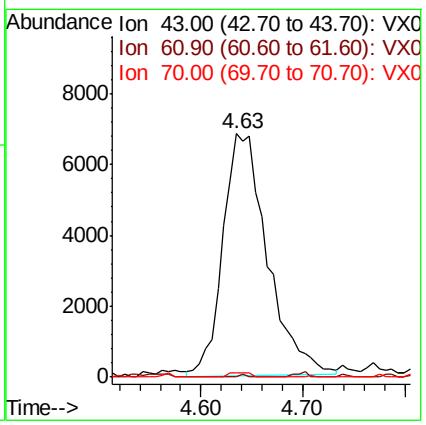


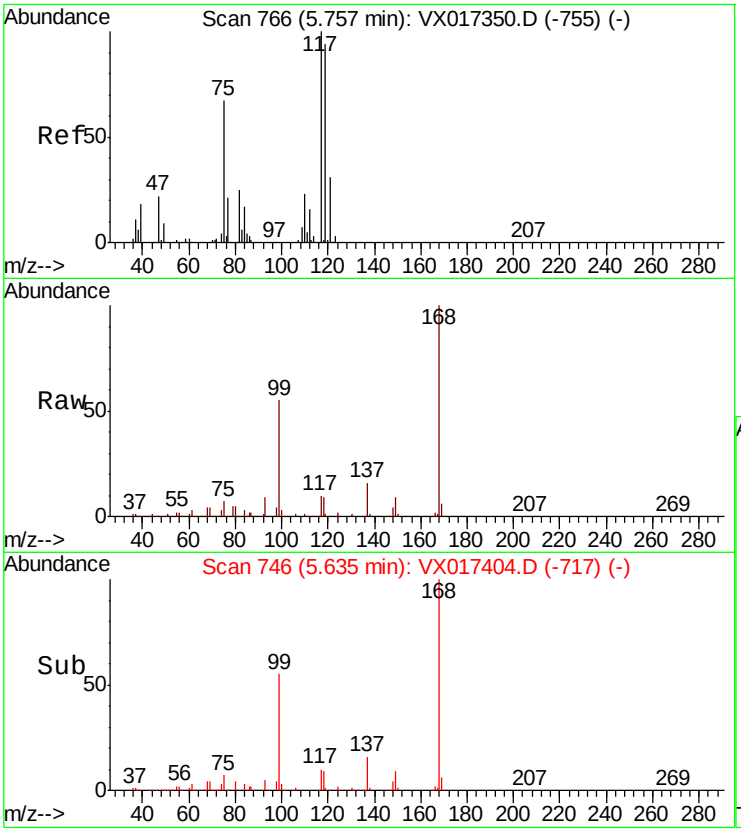


#37
Ethyl Acetate
Concen: 4.948 ug/l
RT: 4.63 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 43 Resp: 20699

Ion	Ratio	Lower	Upper
43	100		
61	0.1	10.7	16.1#
70	0.9	9.0	13.6#



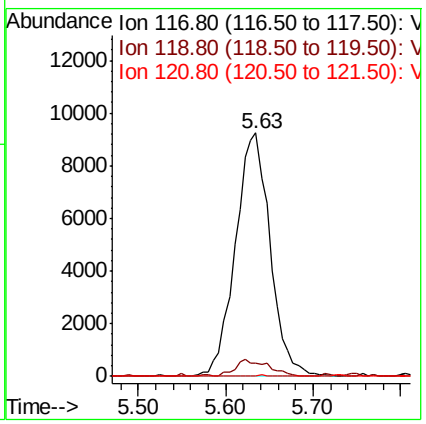


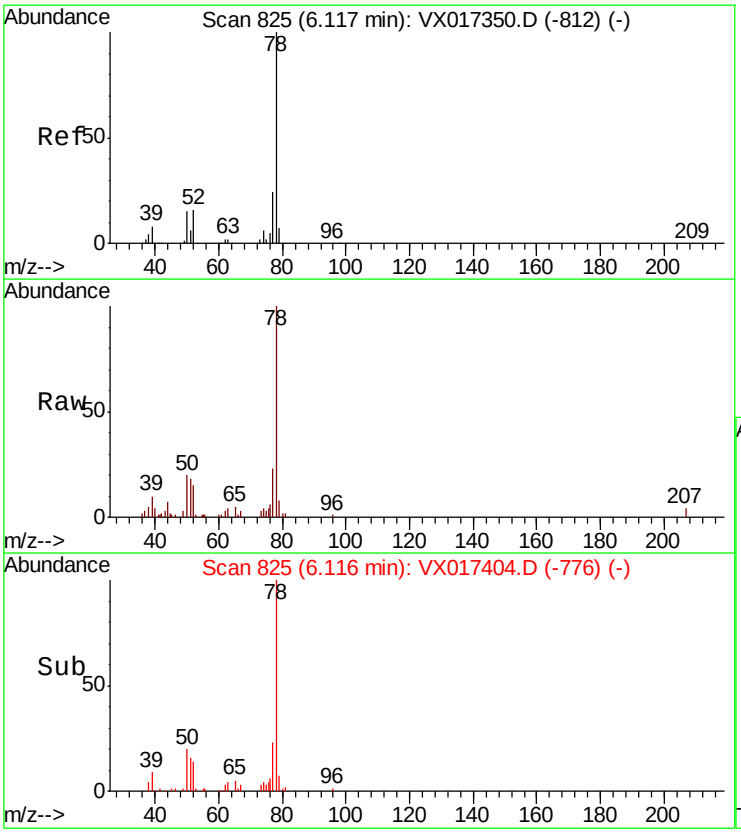
#38
Carbon Tetrachloride
Concen: 5.373 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion:117 Resp: 25450

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.7	112.1#
121	0.0	24.5	36.7#

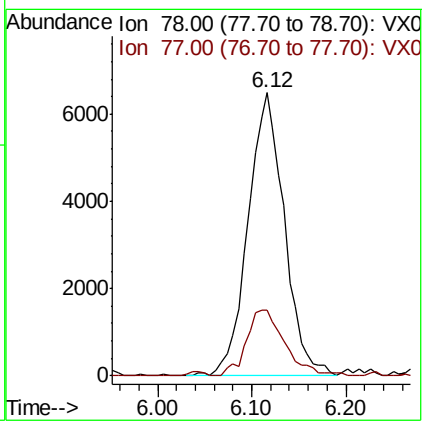


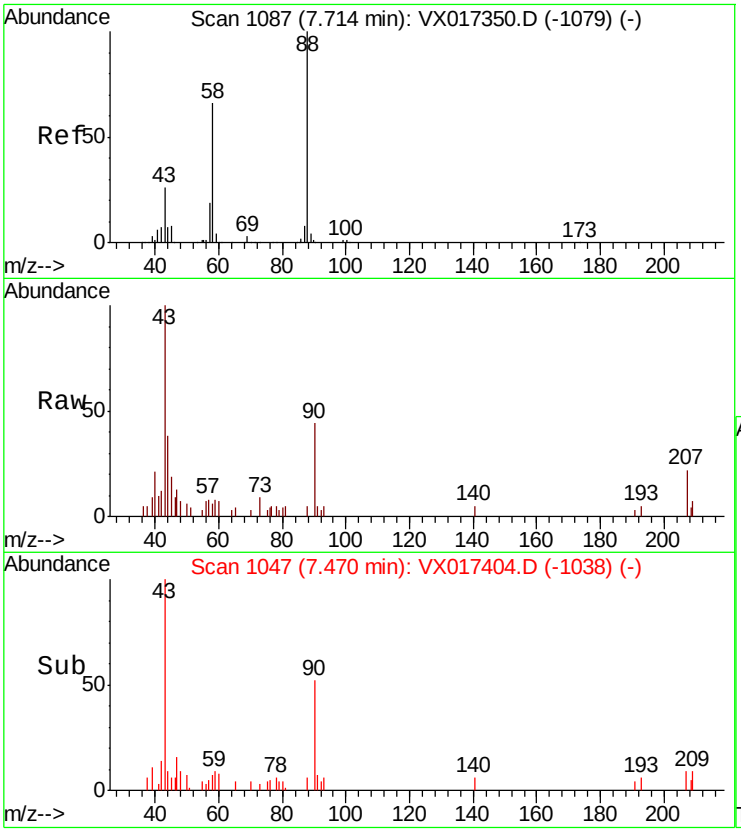


#40
Benzene
Concen: 1.509 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 78 Resp: 17541

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.9	28.3



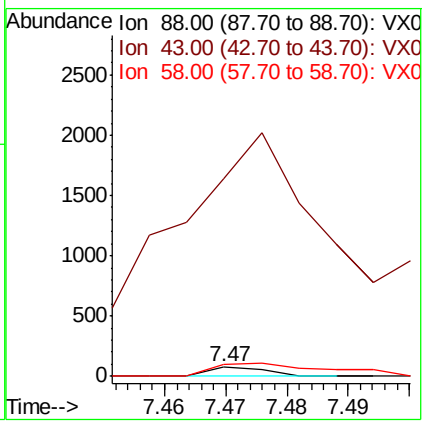


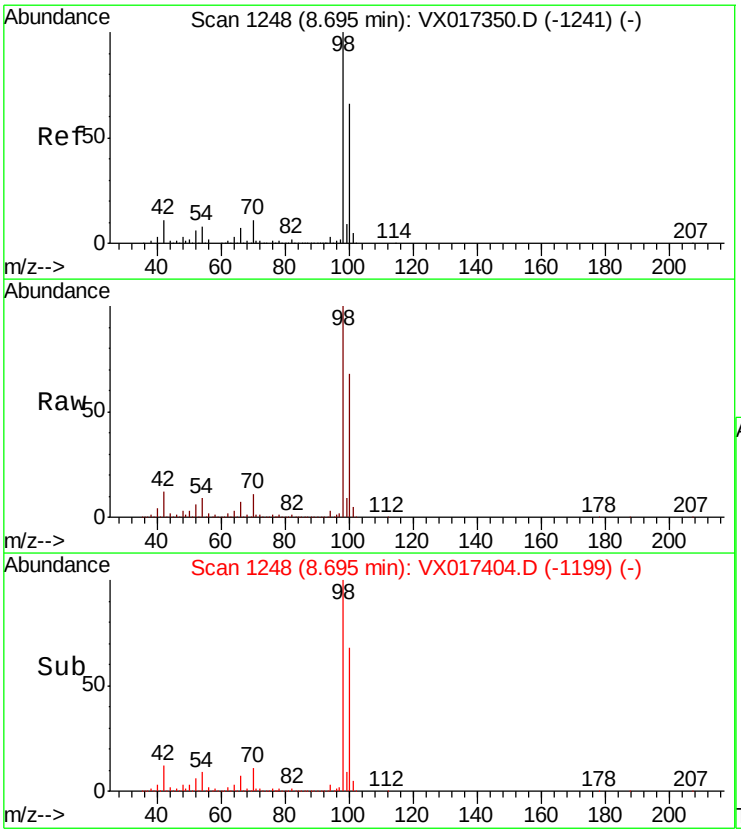
#49
1,4-Dioxane
Concen: 0.746 ug/l
RT: 7.47 min Scan# 1047
Delta R.T. -0.24 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
43	7449.0	25.6	38.4#
58	283.7	53.9	80.9#

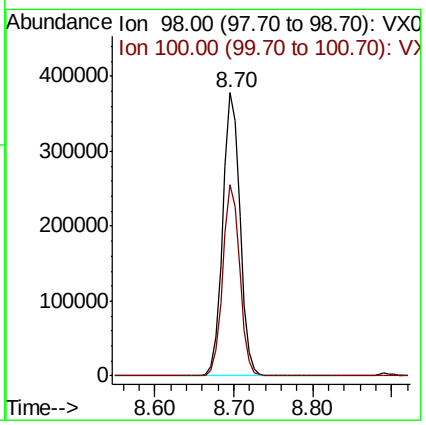


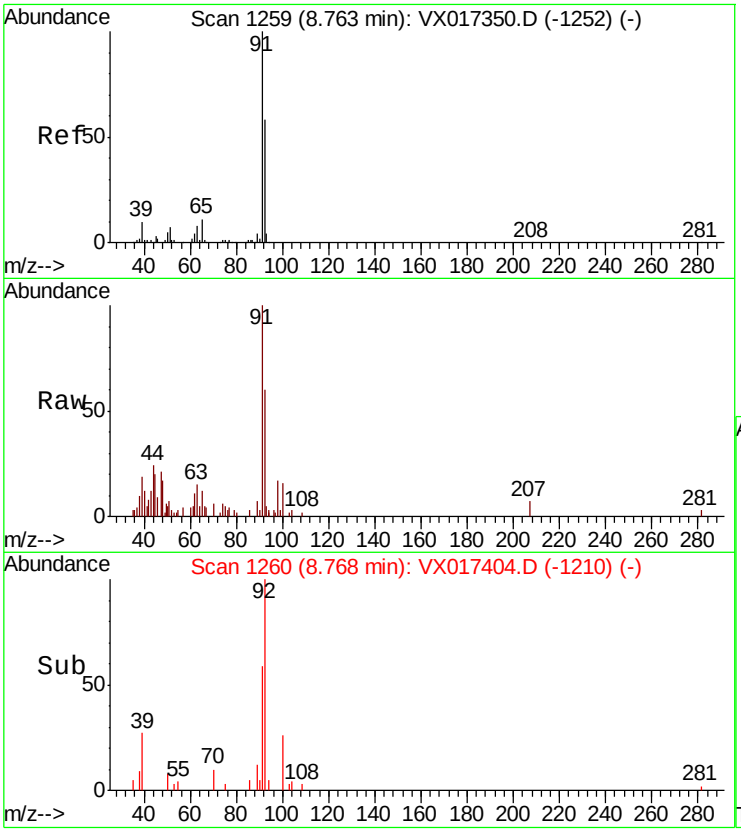


#50
Toluene-d8
Concen: 53.860 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 98 Resp: 575590

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2



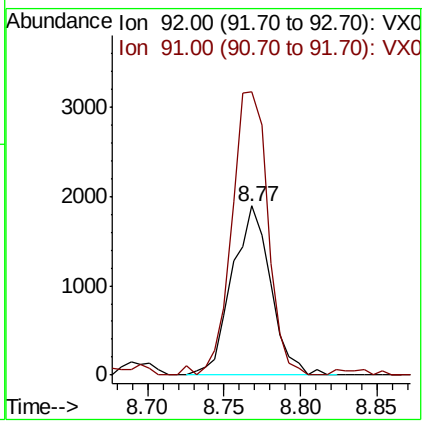


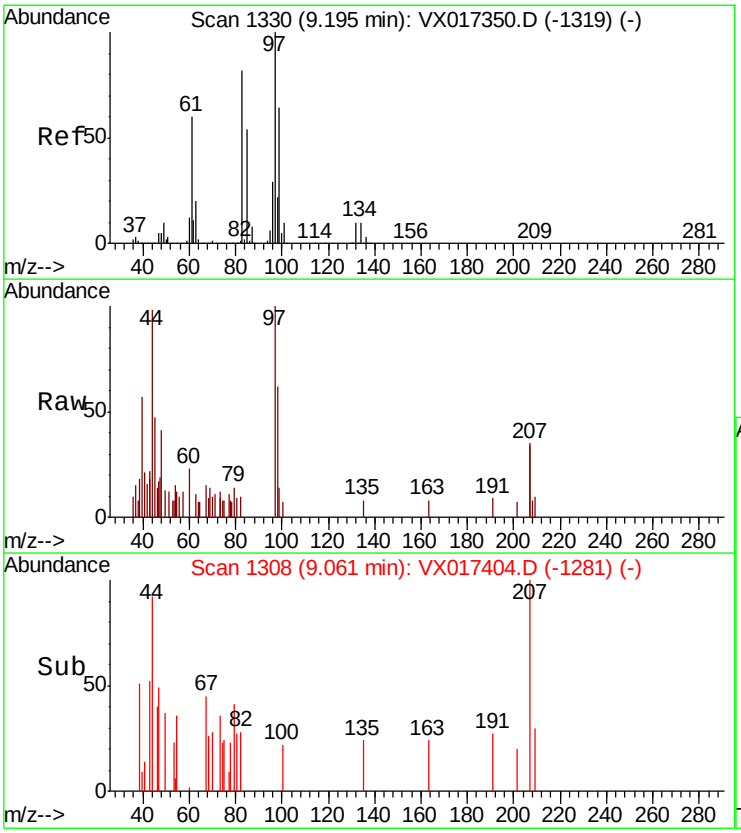
#52
Toluene
Concen: 0.443 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 92 Resp: 3307

Ion	Ratio	Lower	Upper
92	100		
91	157.3	136.7	205.1

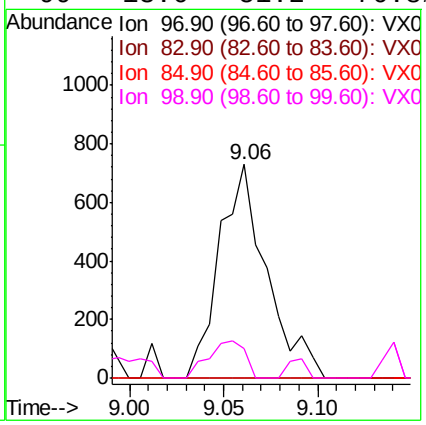


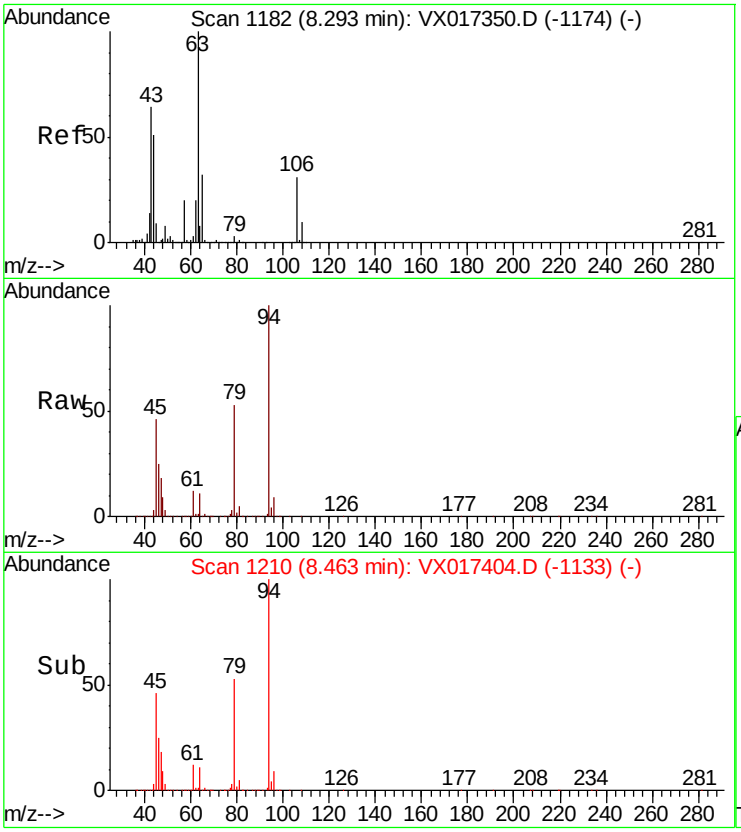


#55
1,1,2-Trichloroethane
Concen: 0.408 ug/l
RT: 9.06 min Scan# 1308
Delta R.T. -0.13 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 97 Resp: 1269

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.8	98.6#
85	0.0	42.8	64.2#
99	13.6	51.2	76.8#



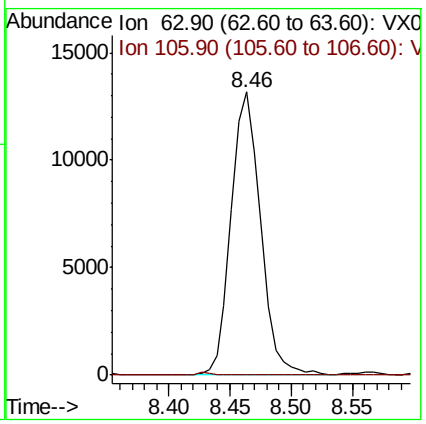


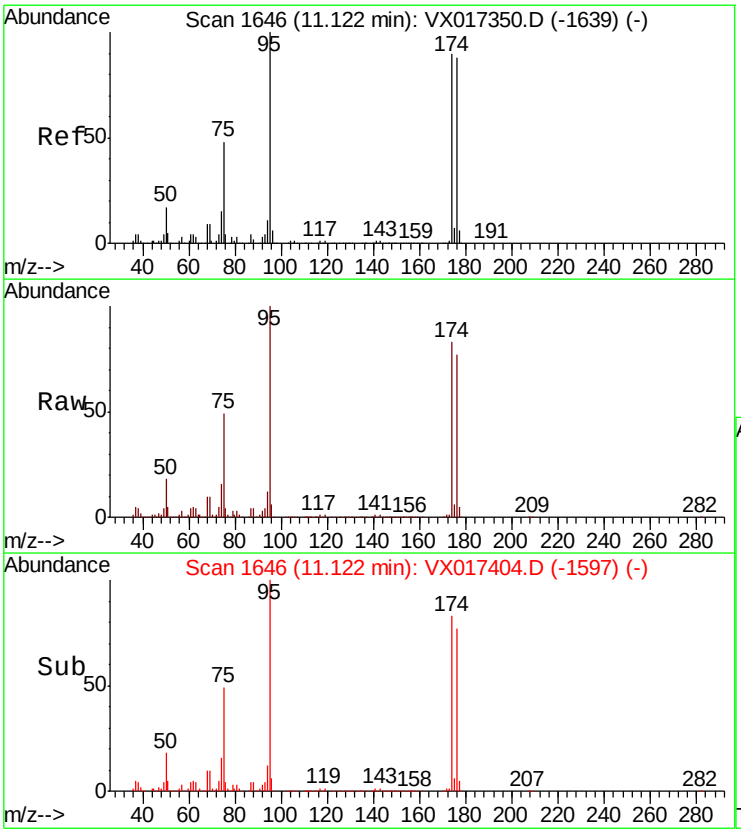
#58
2-Chloroethyl Vinyl ether
Concen: 9.813 ug/l
RT: 8.46 min Scan# 1210
Delta R.T. 0.17 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 63 Resp: 22007

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.8	37.2#

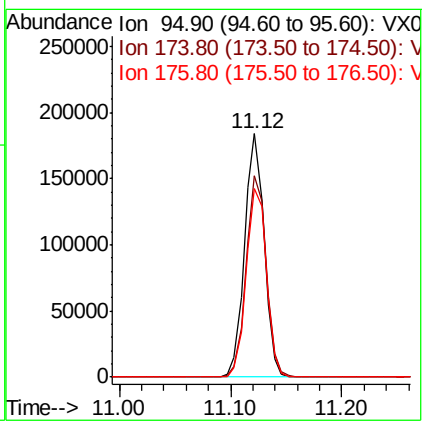


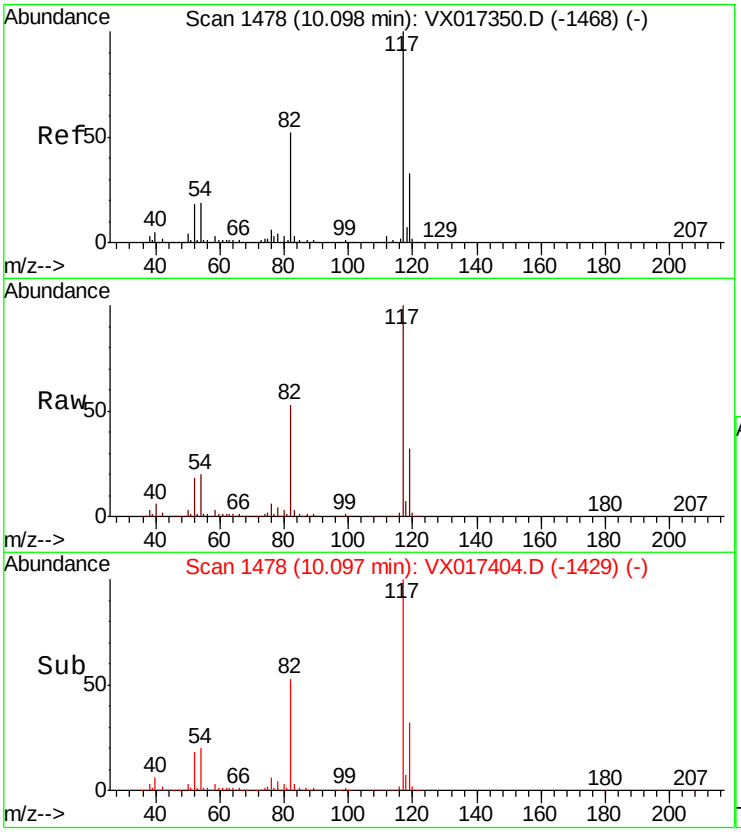


#62
4-Bromofluorobenzene
Concen: 52.691 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion: 95 Resp: 223673

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	175.8
176	80.7	0.0	164.6



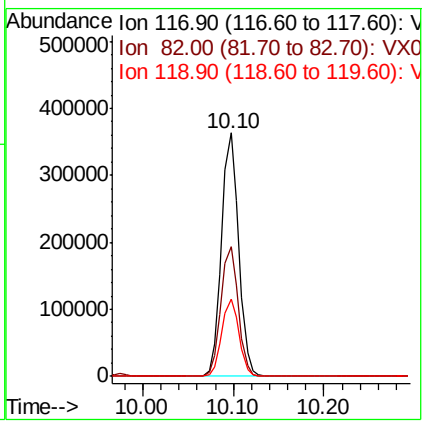


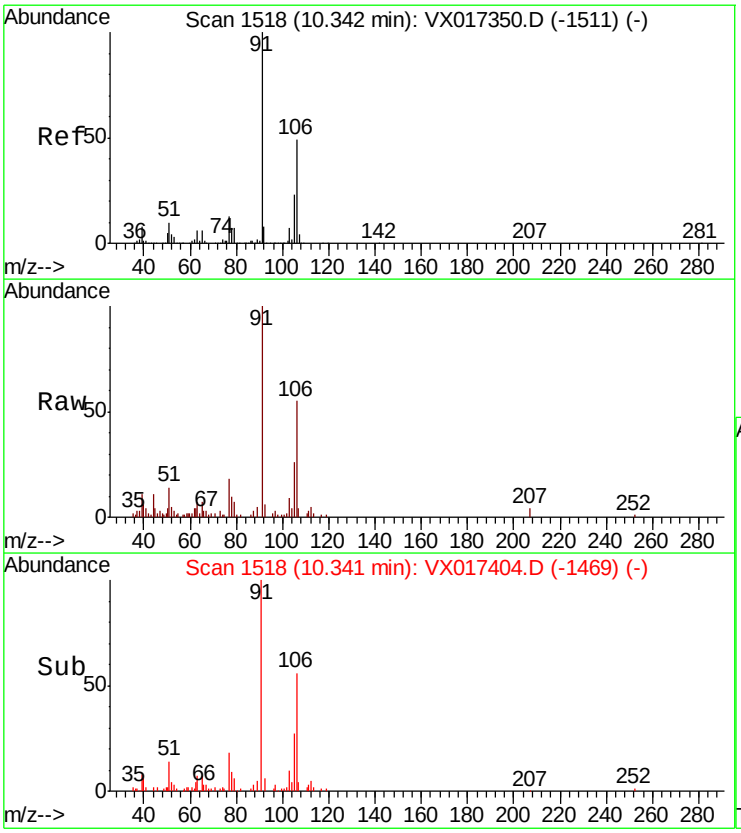
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion:117 Resp: 479603

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.0	63.0
119	31.9	26.3	39.5

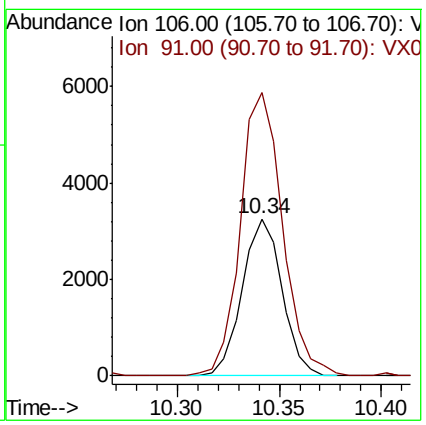


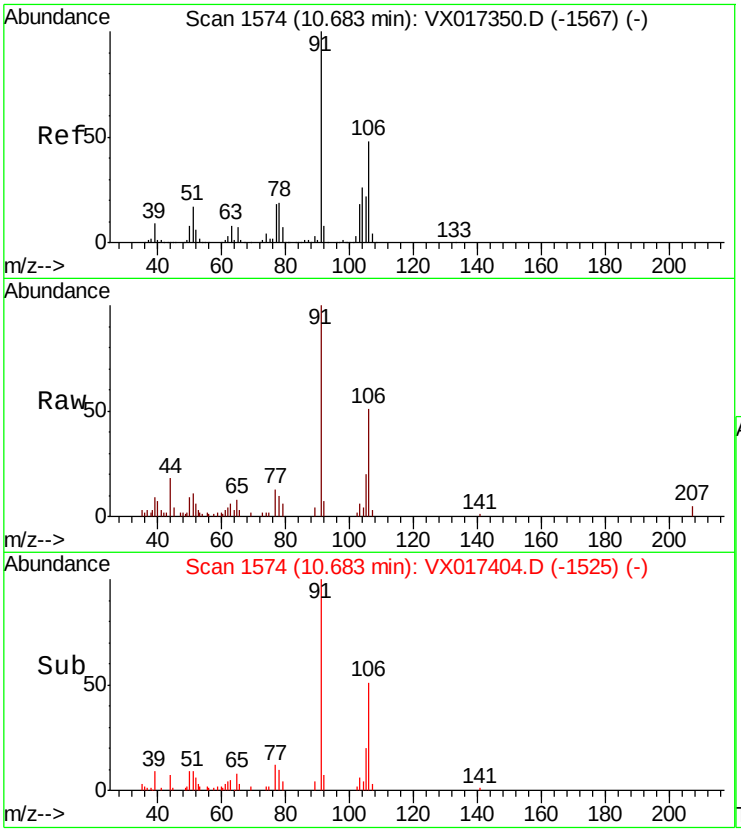


#68
m/p-Xylenes
Concen: 0.715 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:106 Resp: 4411

Ion	Ratio	Lower	Upper
106	100		
91	191.8	162.5	243.7



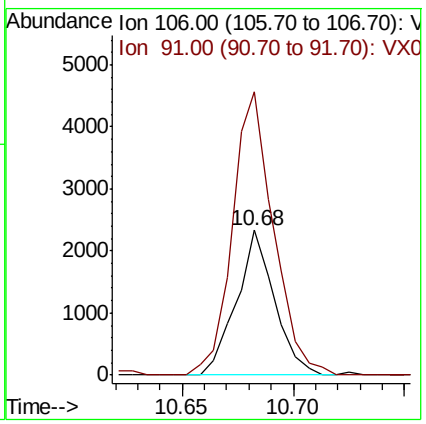


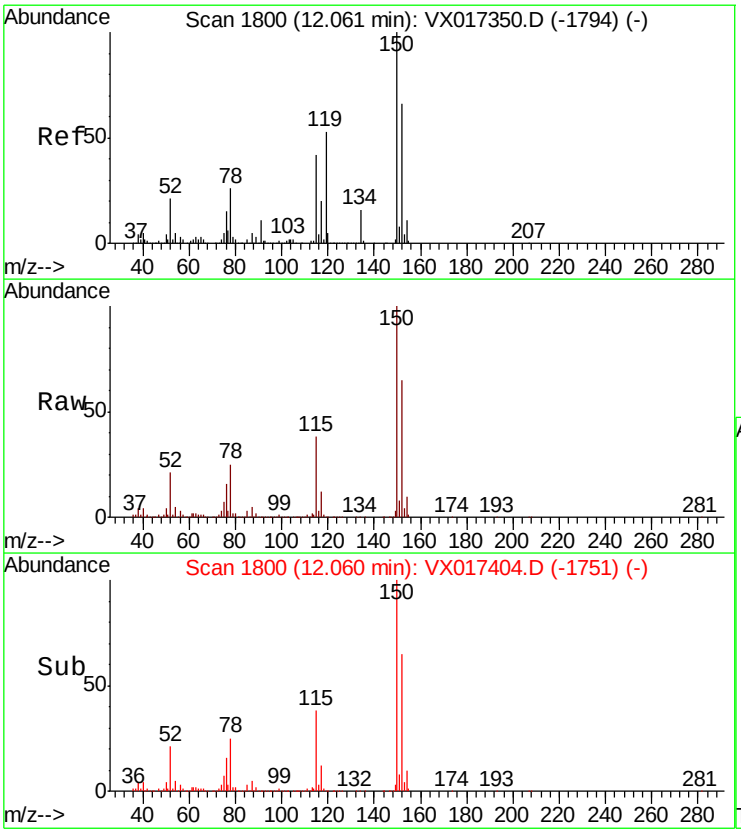
#69
o-Xylene
Concen: 0.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion:106 Resp: 2771

Ion	Ratio	Lower	Upper
106	100		
91	211.4	106.1	318.1

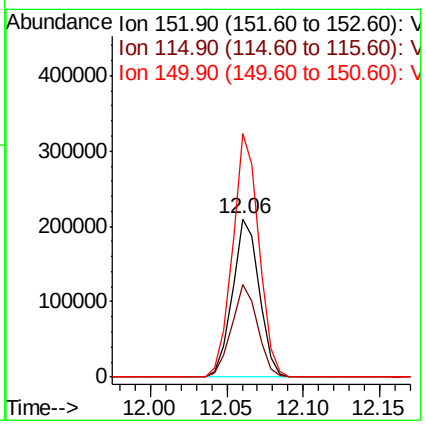


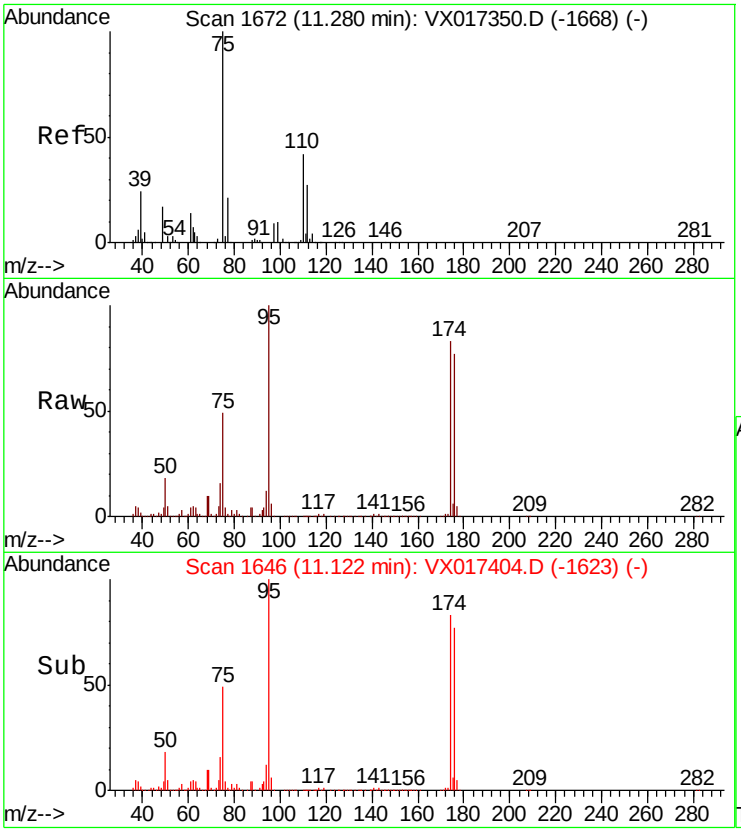


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:152 Resp: 252981

Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.9	119.7
150	152.0	0.0	343.4



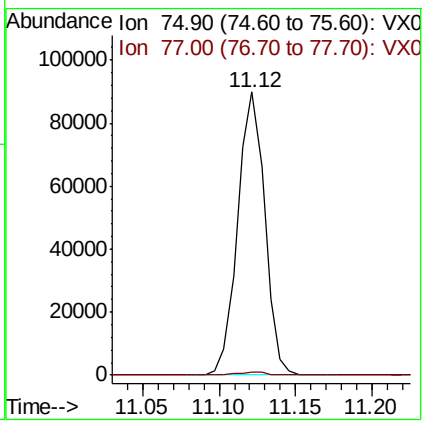


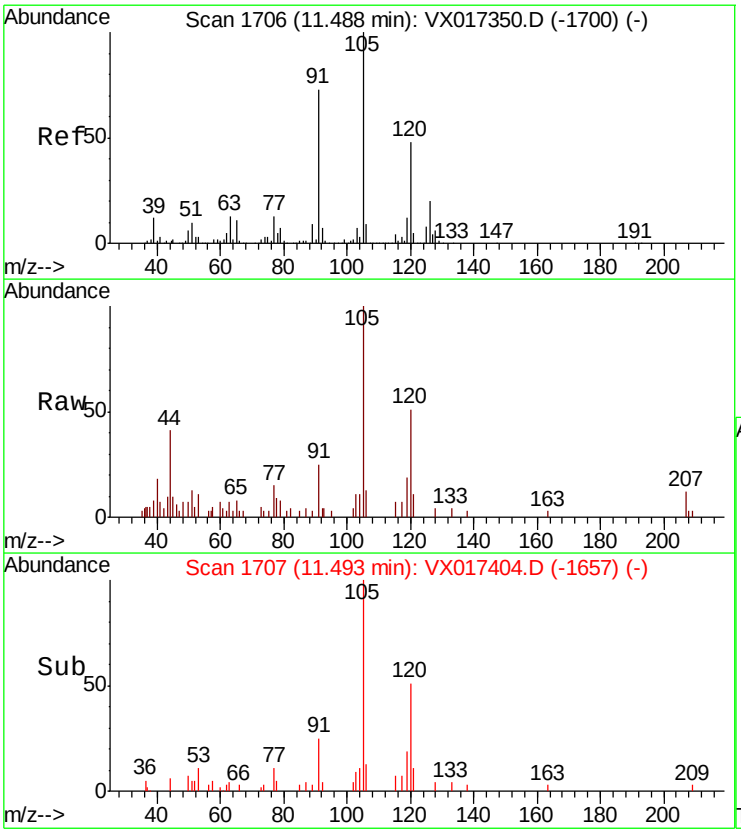
#76
1,2,3-Trichloropropane
Concen: 23.588 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 75 Resp: 110268

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.3	60.9#

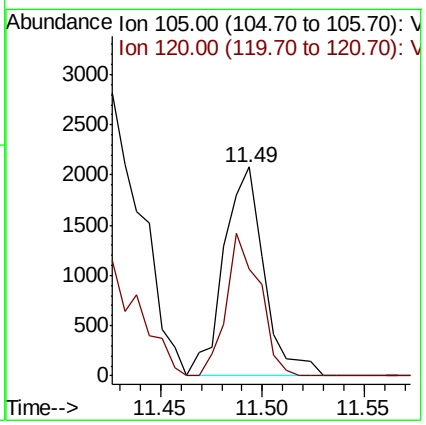


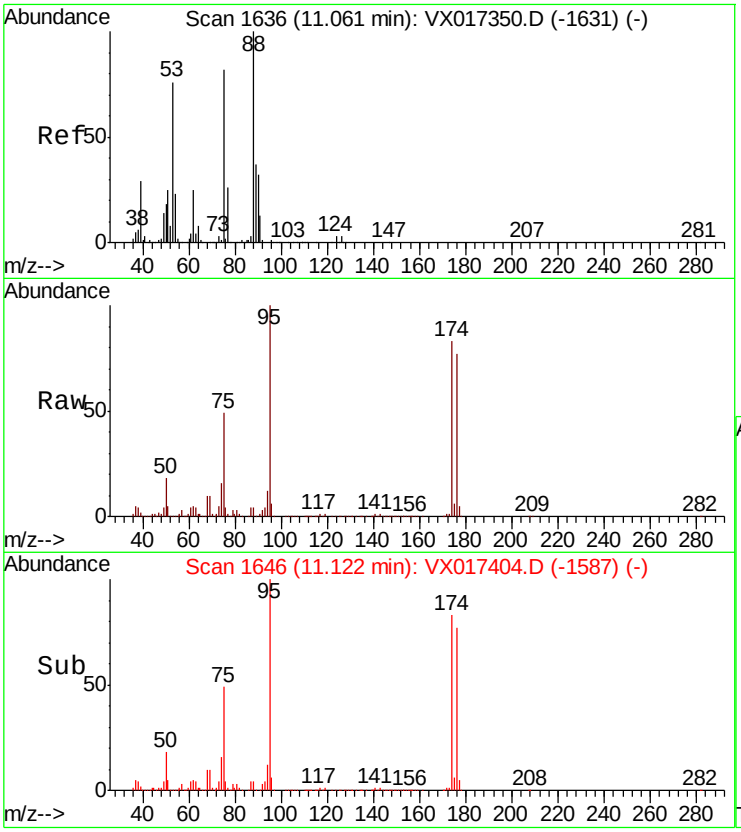


#80
1,3,5-Trimethylbenzene
Concen: 0.211 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:105 Resp: 2839

Ion	Ratio	Lower	Upper
105	100		
120	56.5	24.8	74.4



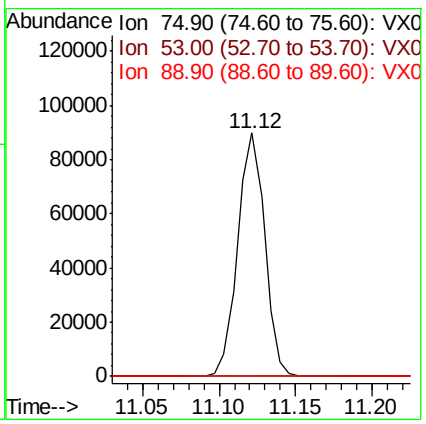


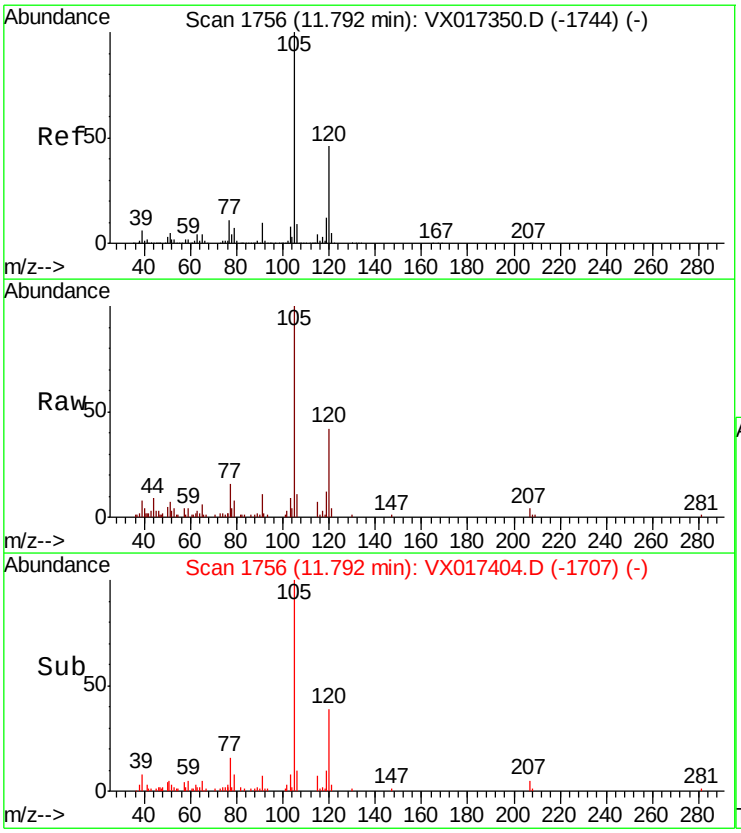
#81
trans-1,4-Dichloro-2-butene
Concen: 59.838 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
E-LGC-4

Tgt Ion: 75 Resp: 110268

Ion	Ratio	Lower	Upper
75	100		
53	0.5	76.5	114.7#
89	0.2	38.1	57.1#

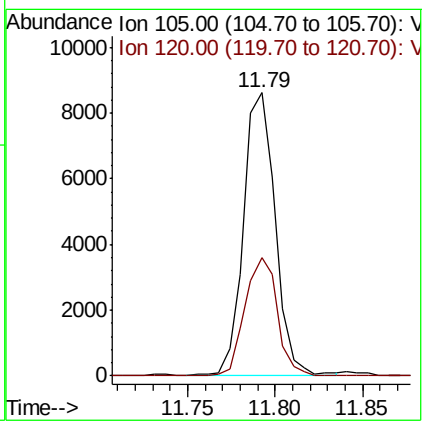


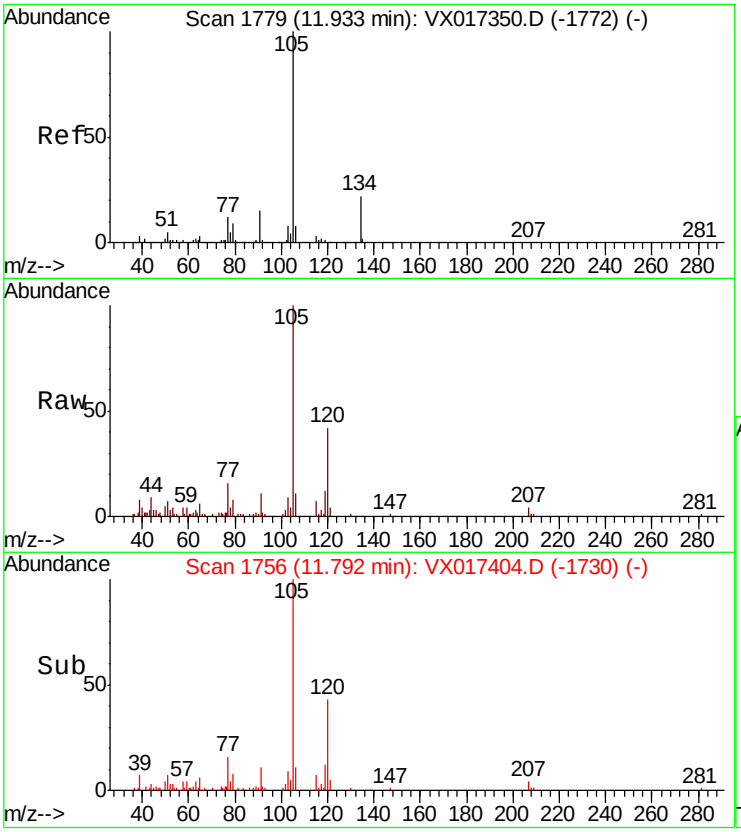


#84
1,2,4-Trimethylbenzene
Concen: 0.802 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:105 Resp: 10913

Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.8	68.4



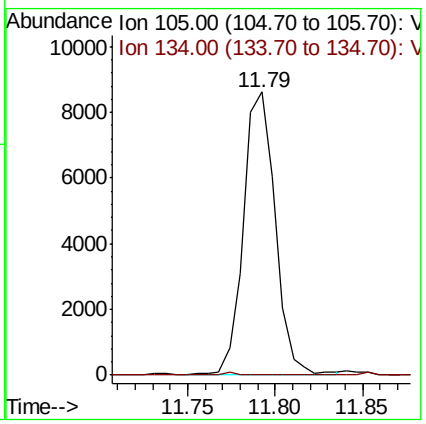


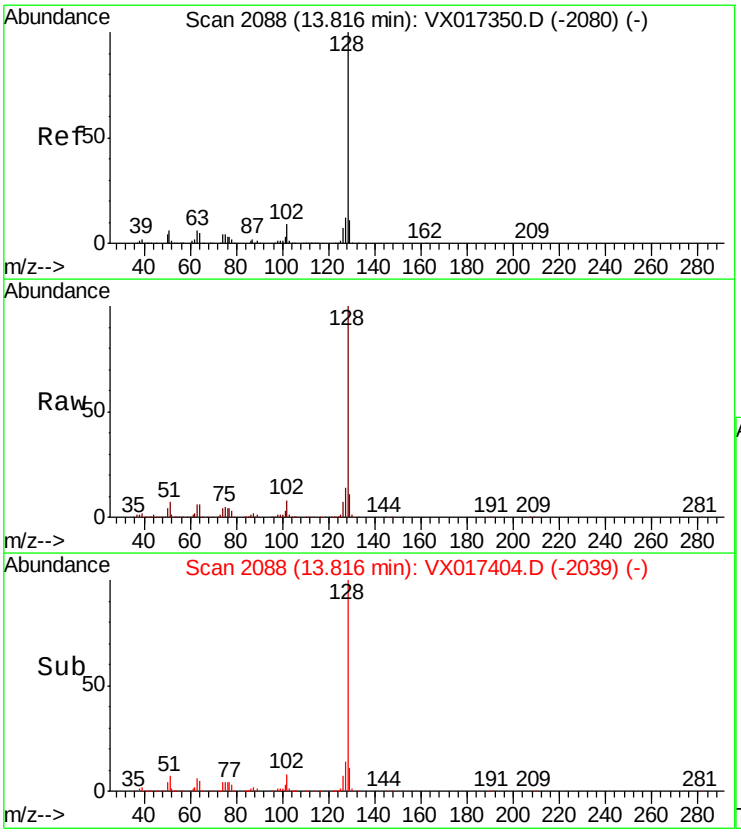
#85
sec-Butylbenzene
Concen: 0.716 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.14 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Instrument : MSVOA_X
ClientSampleId : E-LGC-4

Tgt Ion:105 Resp: 10913

Ion	Ratio	Lower	Upper
105	100		
134	0.4	10.5	31.5#





#95
Naphthalene
Concen: 9.321 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017404.D
Acq: 16 Jul 2020 20:16

Tgt Ion:128 Resp: 144447

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.9	13.3