Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071020\
Data File : VX017338.D
Acq On : 10 Jul 2020 16:19
Operator : JC/SP
Sample : PB130081TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 11 01:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	255315	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	421963	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	465324	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	240933	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	164082	52.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.26%				
35) Dibromofluoromethane	5.46	113	139939	52.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.86%				
50) Toluene-d8	8.70	98	532468	53.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.90%				
62) 4-Bromofluorobenzene	11.12	95	230341	59.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.40%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	325	0.222	ug/l	#	3
8) Diethyl Ether	2.17	74	1043	1.116	ug/l		77
11) Tert butyl alcohol	3.01	59	1531	2.550	ug/l		96
13) Acrolein	2.27	56	538	1.499	ug/l		88
16) Acetone	2.42	43	33154	28.157	ug/l		100
18) Methyl Acetate	2.75	43	3408	1.109	ug/l		99
20) Methylene Chloride	2.84	84	17921	5.947	ug/l		95
25) 2-Butanone	4.65	43	5329	2.716	ug/l	#	88
29) Tetrahydrofuran	5.11	42	1208	0.932	ug/l	#	84
31) Cyclohexane	5.63	56	5006	1.178	ug/l	#	8
36) 1,1-Dichloropropene	5.63	75	17414	4.367	ug/l	#	53
38) Carbon Tetrachloride	5.63	117	24866	5.661	ug/l	#	17
43) Isopropyl Acetate	6.42	43	75339	11.205	ug/l		98
44) Trichloroethene	7.20	130	180	Below Cal			46
48) Methyl methacrylate	7.66	41	4624	1.448	ug/l	#	15
49) 1,4-Dioxane	7.75	88	23	0.318	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	72132	17.997	ug/l	#	46
54) cis-1,3-Dichloropropene	8.59	75	31491	6.288	ug/l	#	61
56) Ethyl methacrylate	9.29	69	1815	0.427	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	6356	1.257	ug/l	#	46
59) 2-Hexanone	9.42	43	72664	24.824	ug/l	#	23
76) 1,2,3-Trichloropropane	11.12	75	115323	24.341	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	4079	0.312	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.12	75	115323	63.034	ug/l	#	13
88) 1,4-Dichlorobenzene	12.09	146	942	Below Cal		#	25
94) Hexachlorobutadiene	13.77	225	248	0.972	ug/l		90
95) Naphthalene	13.82	128	3761	0.246	ug/l	#	95

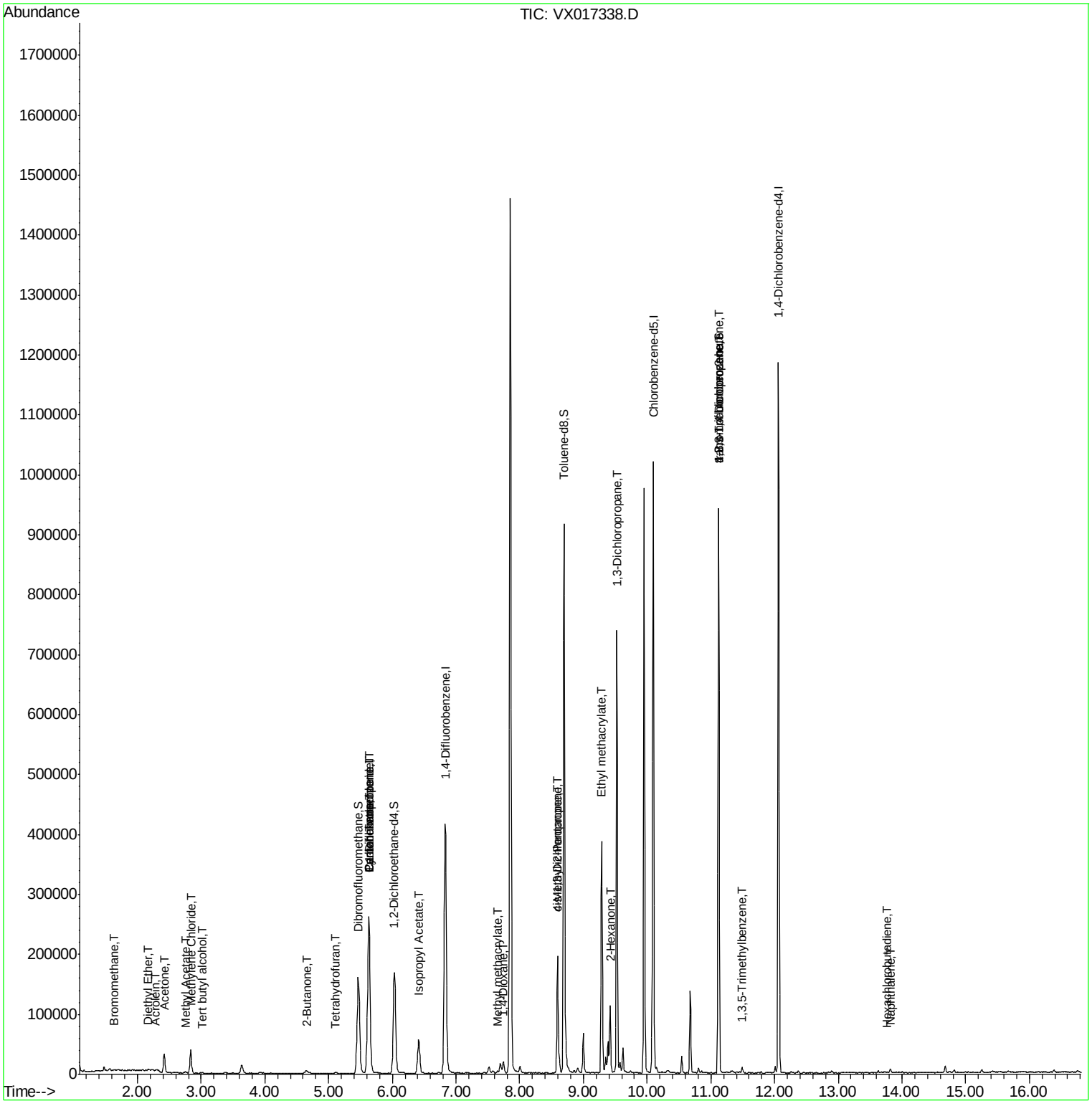
(#) = qualifier out of range (m) = manual integration (+) = signals summed

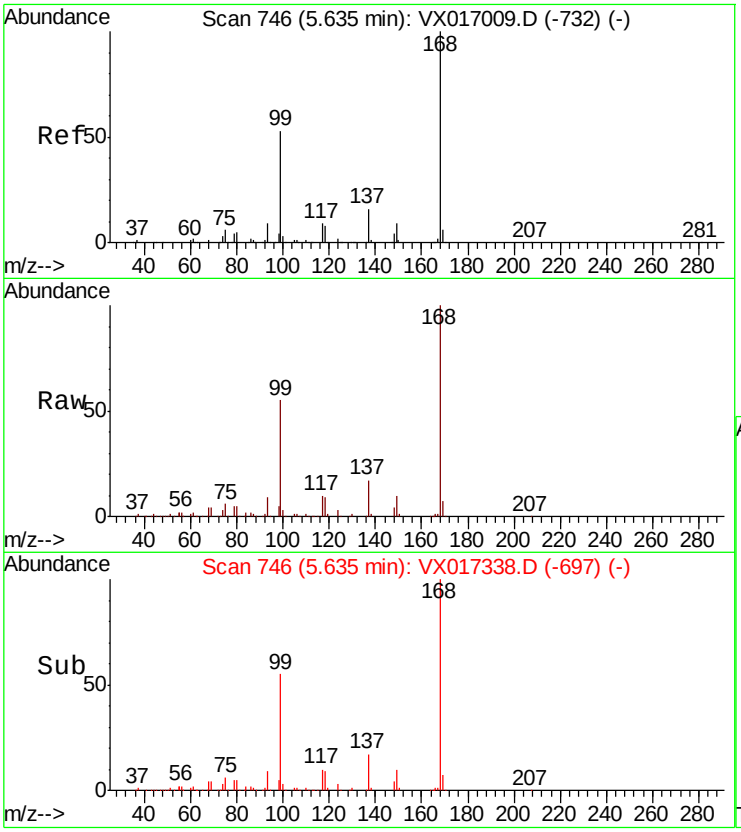
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
Data File : VX017338.D
Acq On : 10 Jul 2020 16:19
Operator : JC/SP
Sample : PB130081TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 11 01:02:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration



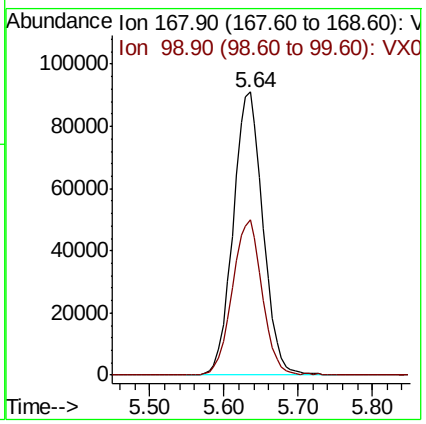


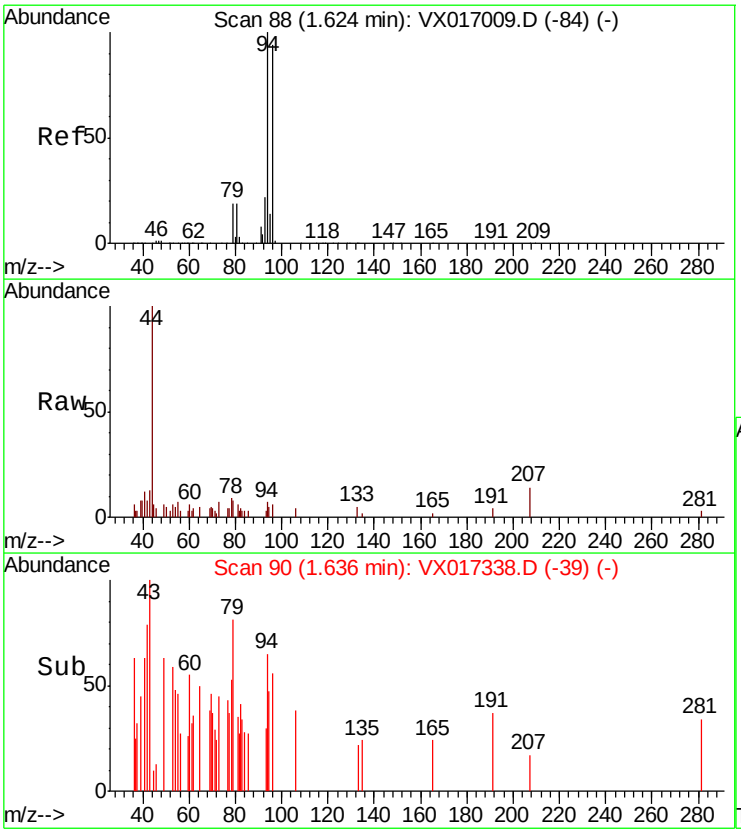
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 255315

Ion	Ratio	Lower	Upper
168	100		
99	54.8	42.6	64.0

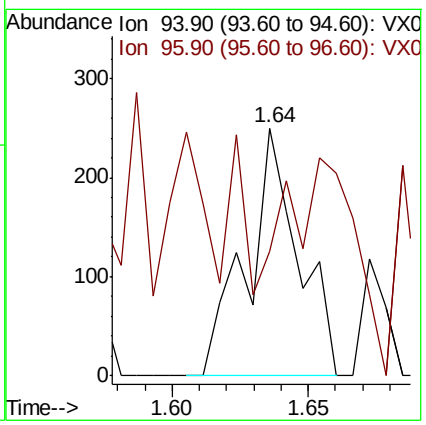


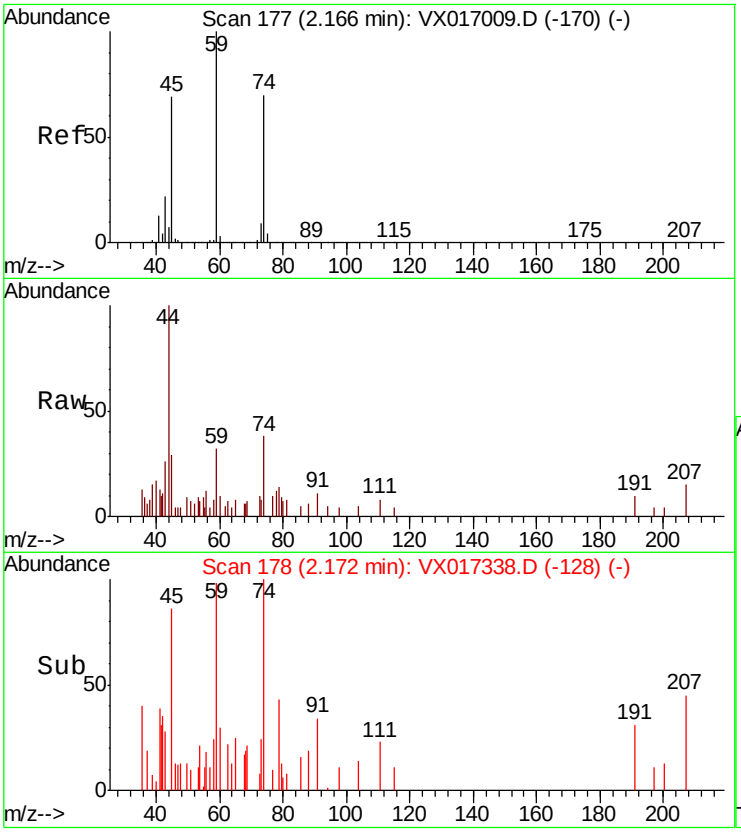


#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 94 Resp: 325

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.4#



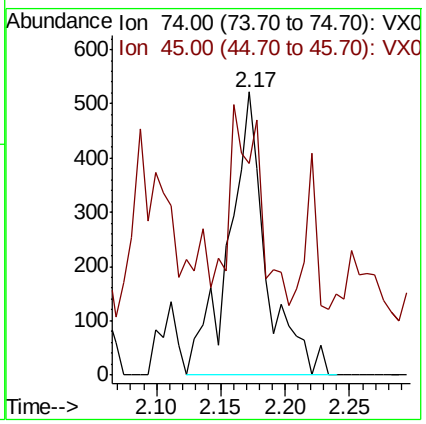


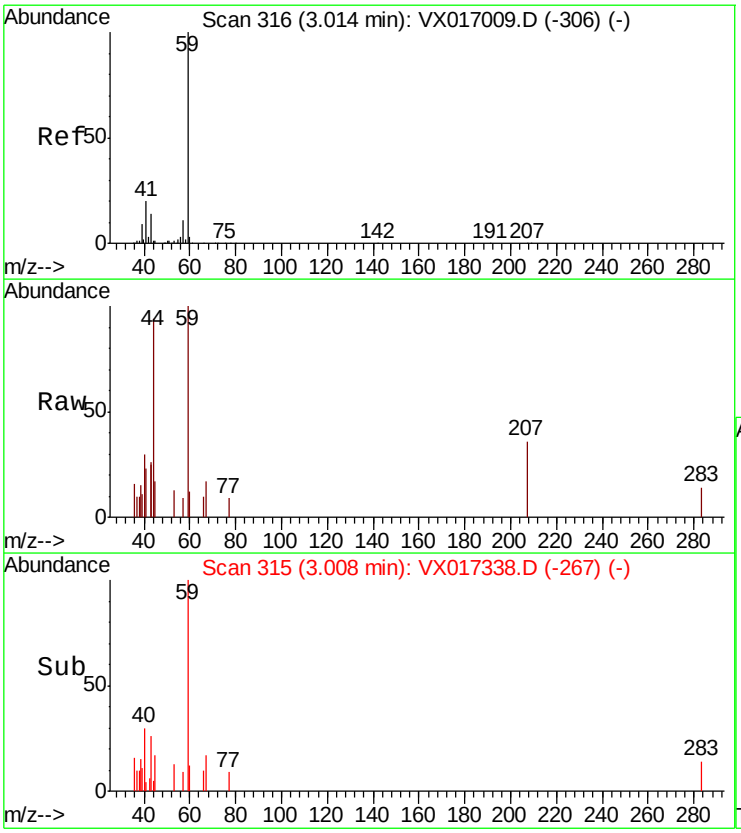
#8
Diethyl Ether
Concen: 1.116 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1043

Ion	Ratio	Lower	Upper
74	100		
45	76.5	49.8	149.3

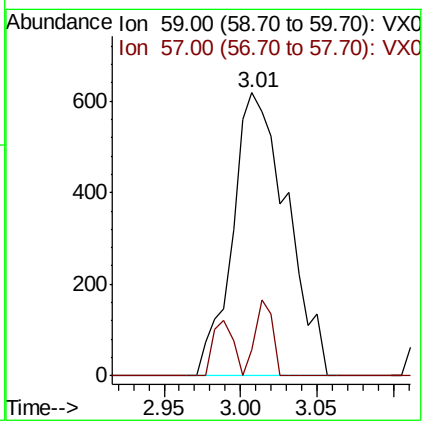


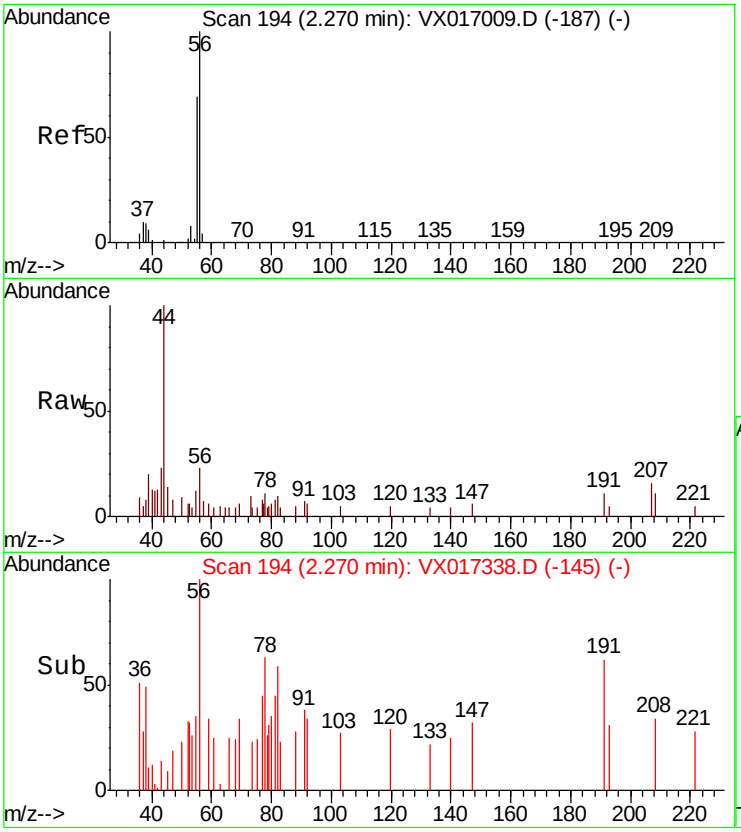


#11
Tert butyl alcohol
Concen: 2.550 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 59 Resp: 1531

Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.2	12.2

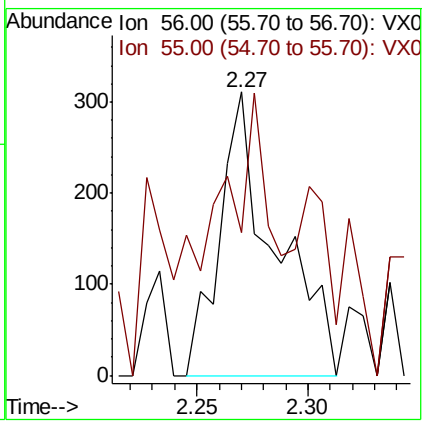




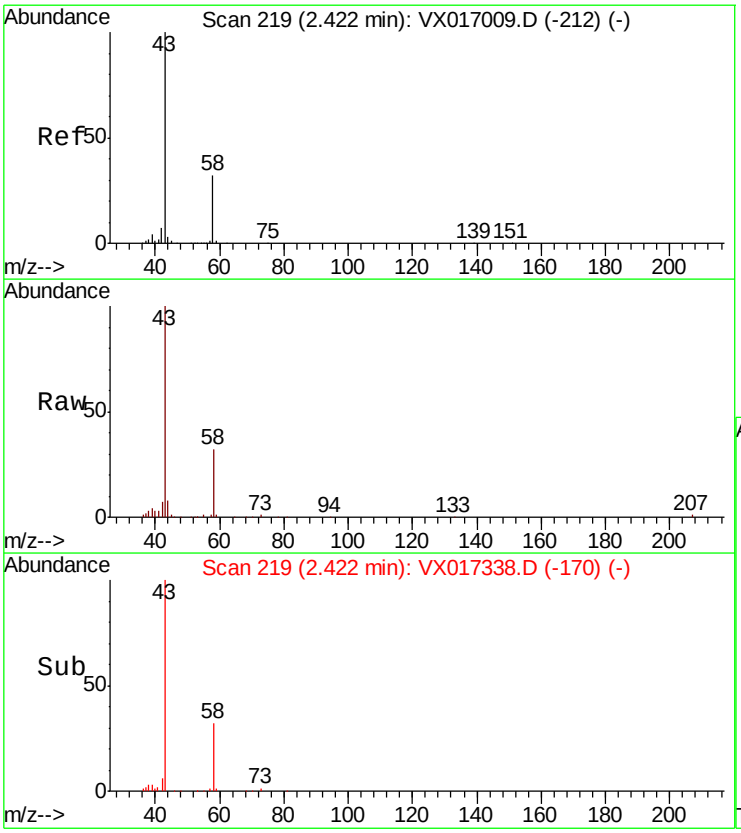
#13
Acrolein
Concen: 1.499 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	60.0	55.7	83.5



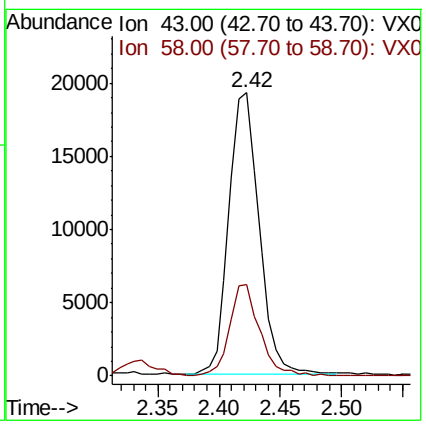
Instrument :
MSVOA_X
ClientSampleId :

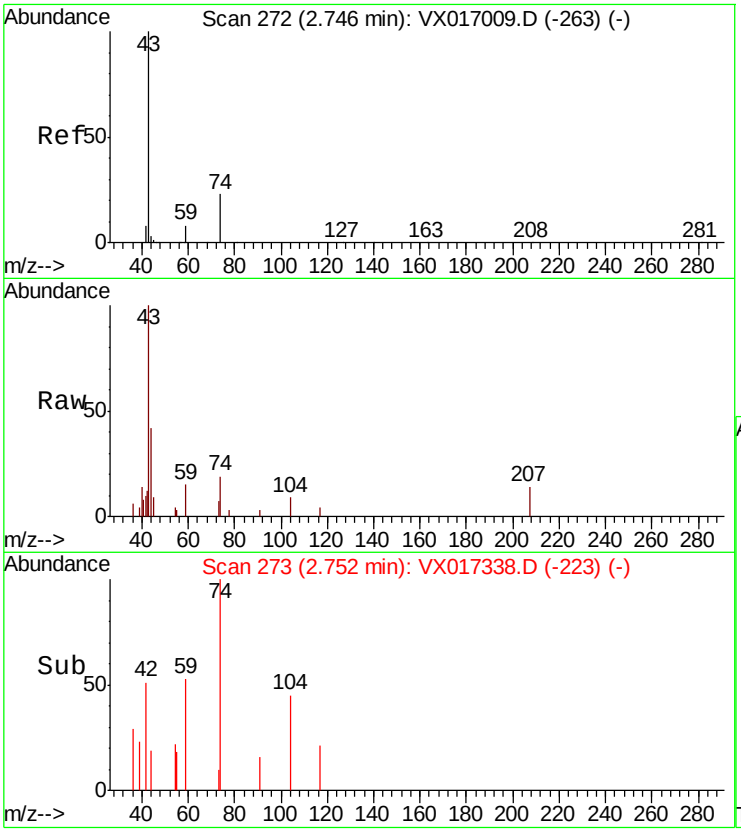


#16
Acetone
Concen: 28.157 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 43 Resp: 33154

Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.7	38.5



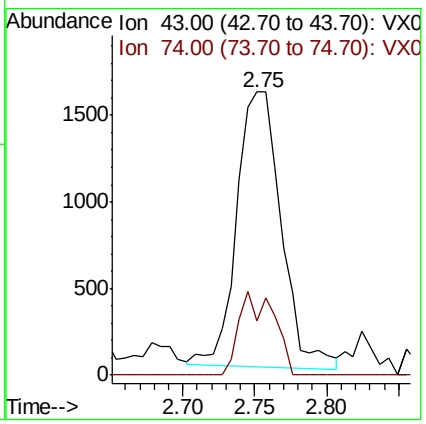


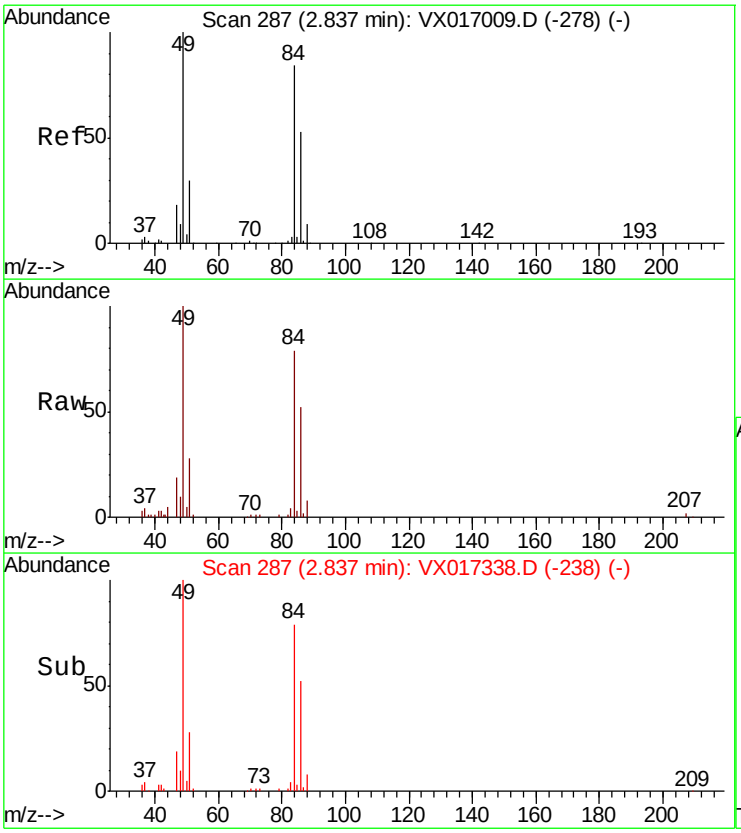
#18
Methyl Acetate
Concen: 1.109 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3408

Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.3	28.9

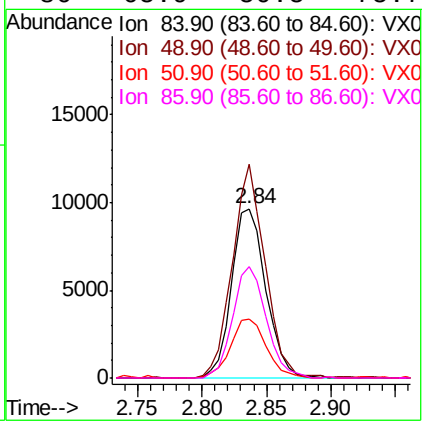


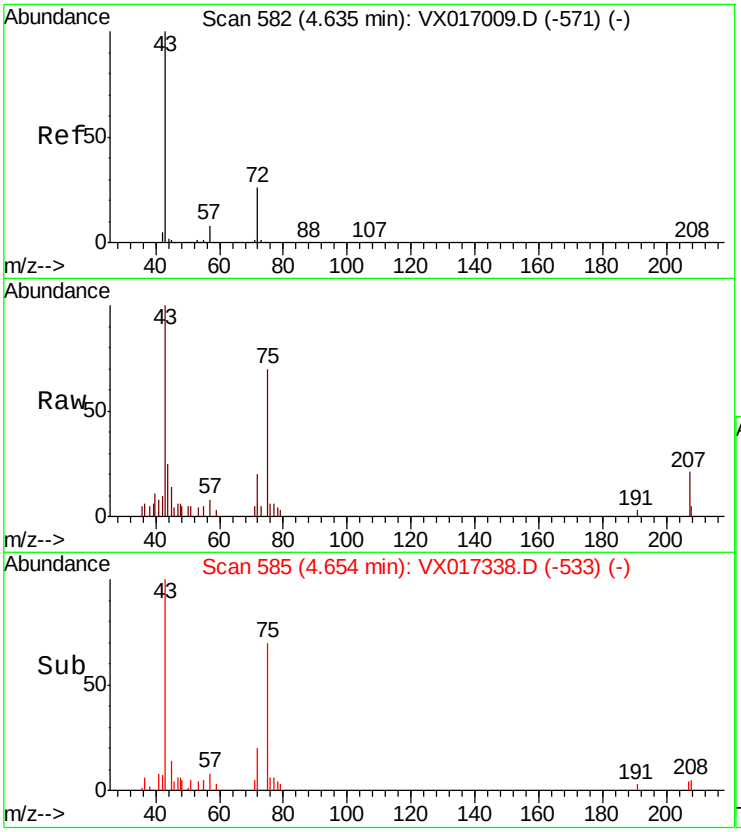


#20
Methylene Chloride
Concen: 5.947 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 84 Resp: 17921

Ion	Ratio	Lower	Upper
84	100		
49	126.1	94.7	142.1
51	35.0	28.6	42.8
86	65.9	50.5	75.7



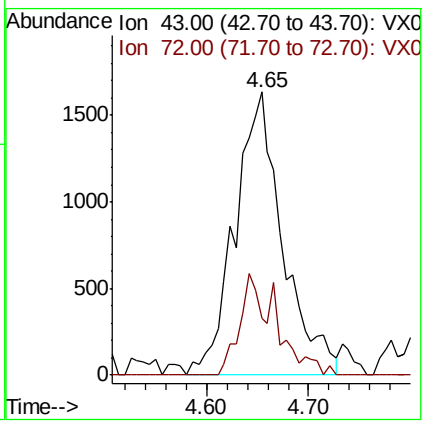


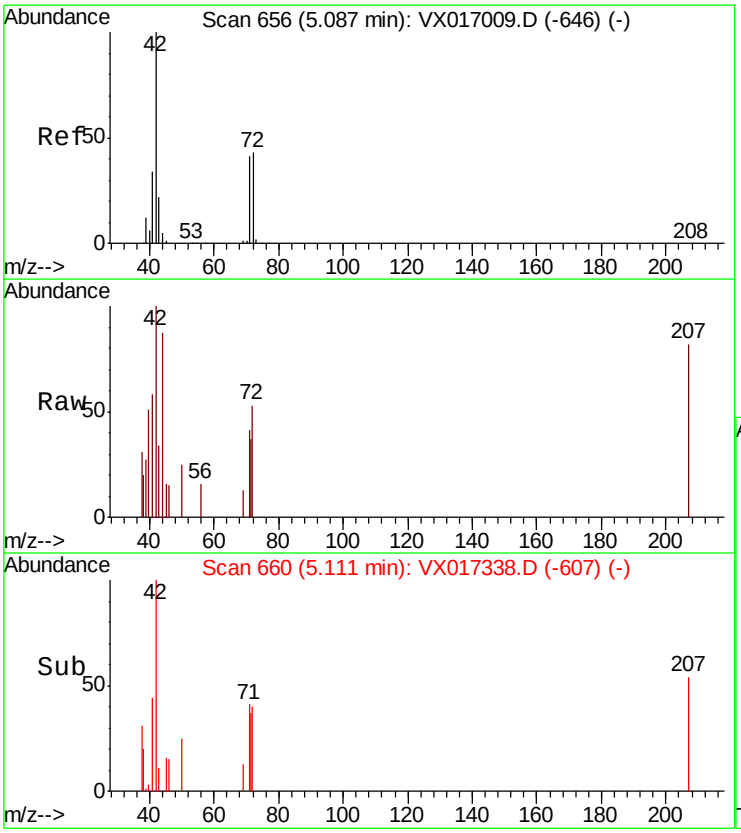
#25
2-Butanone
Concen: 2.716 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5329

Ion	Ratio	Lower	Upper
43	100		
72	20.1	20.8	31.2#

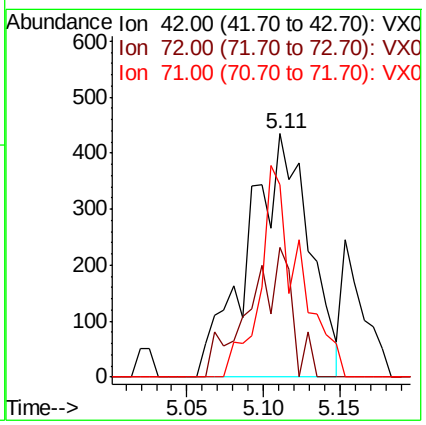


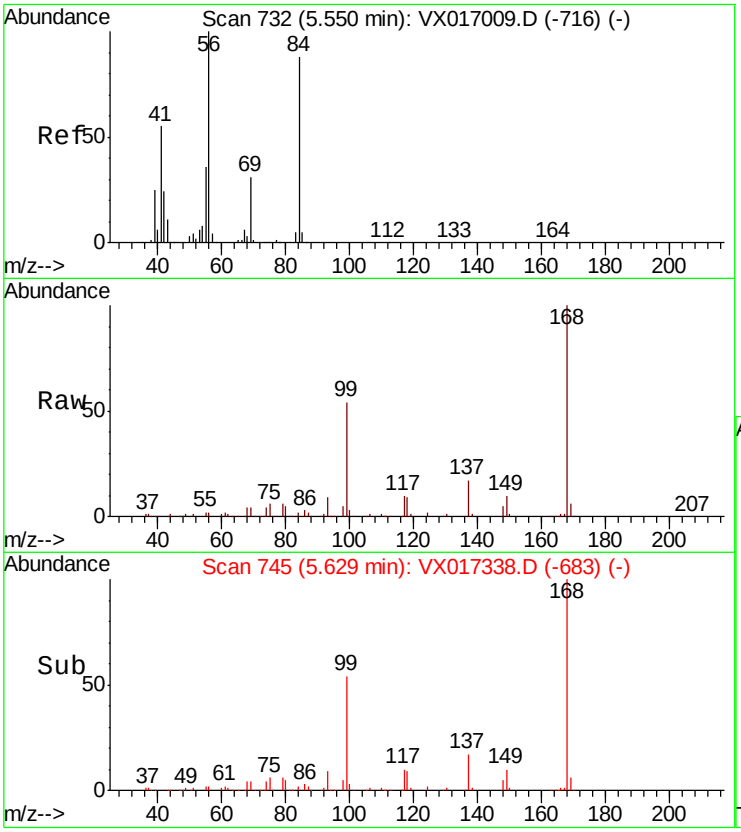


#29
Tetrahydrofuran
Concen: 0.932 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 42 Resp: 1208

Ion	Ratio	Lower	Upper
42	100		
72	37.9	35.3	52.9
71	55.6	33.1	49.7#



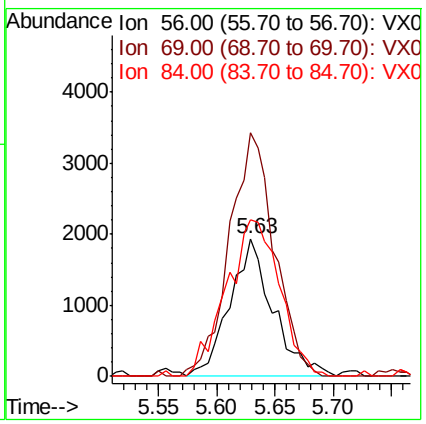


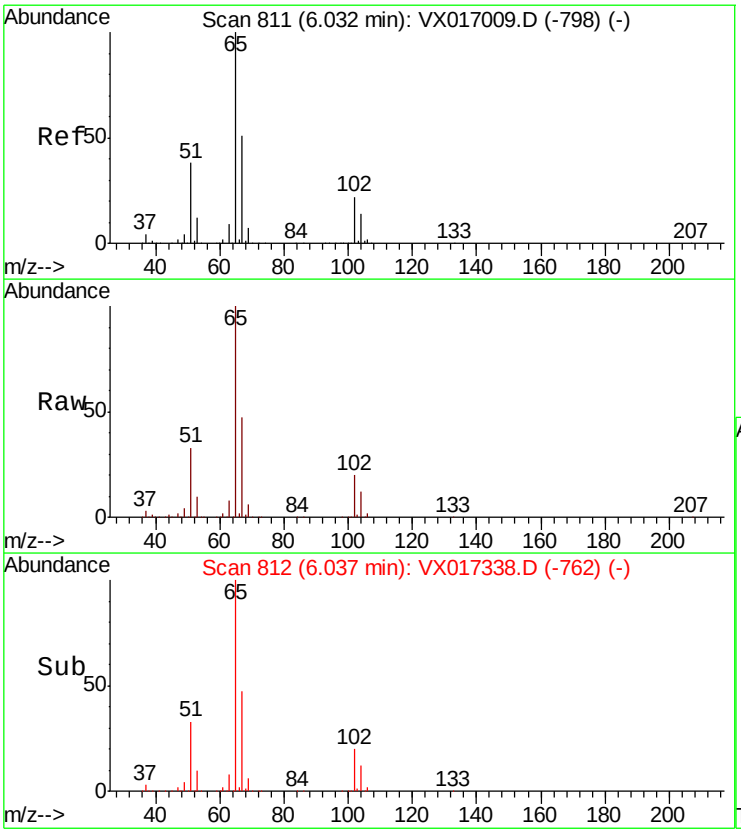
#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5006

Ion	Ratio	Lower	Upper
56	100		
69	176.5	25.0	37.4#
84	113.7	69.1	103.7#

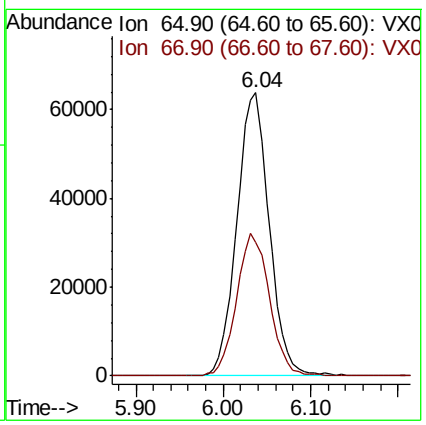


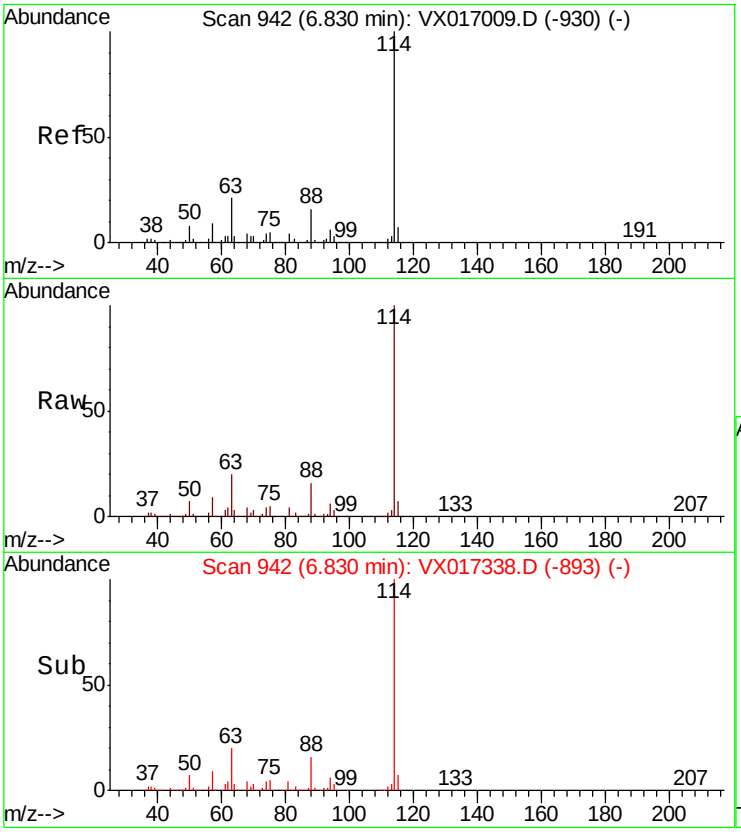


#33
1,2-Dichloroethane-d4
Concen: 52.131 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 65 Resp: 164082

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8



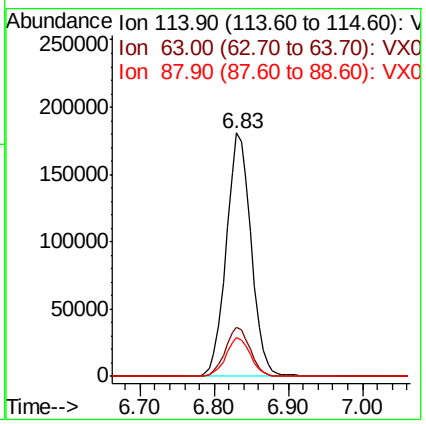


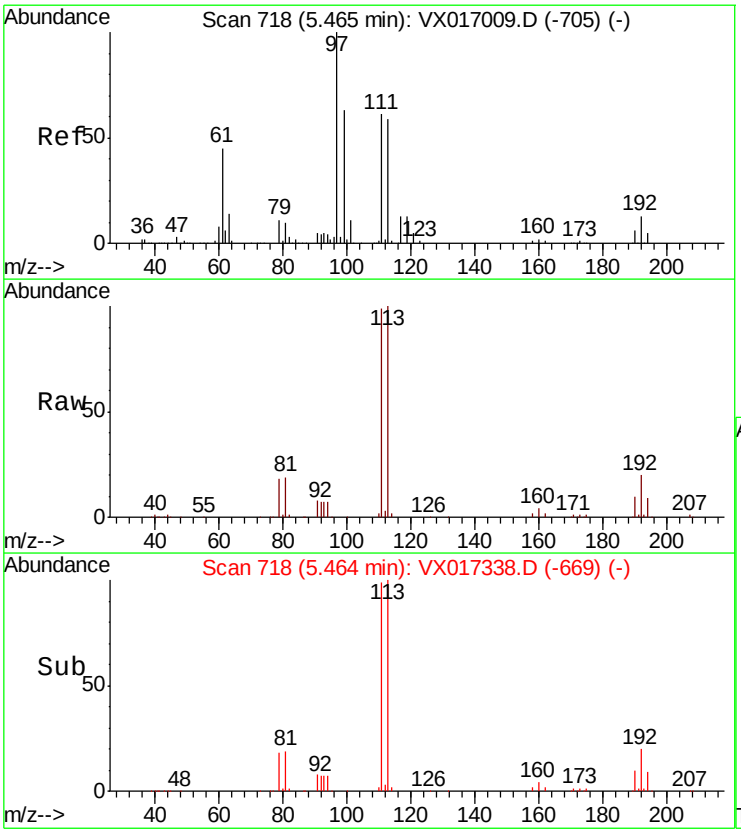
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 421963

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	16.1	0.0	32.4

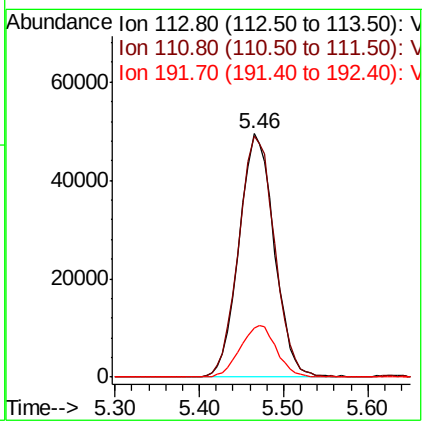


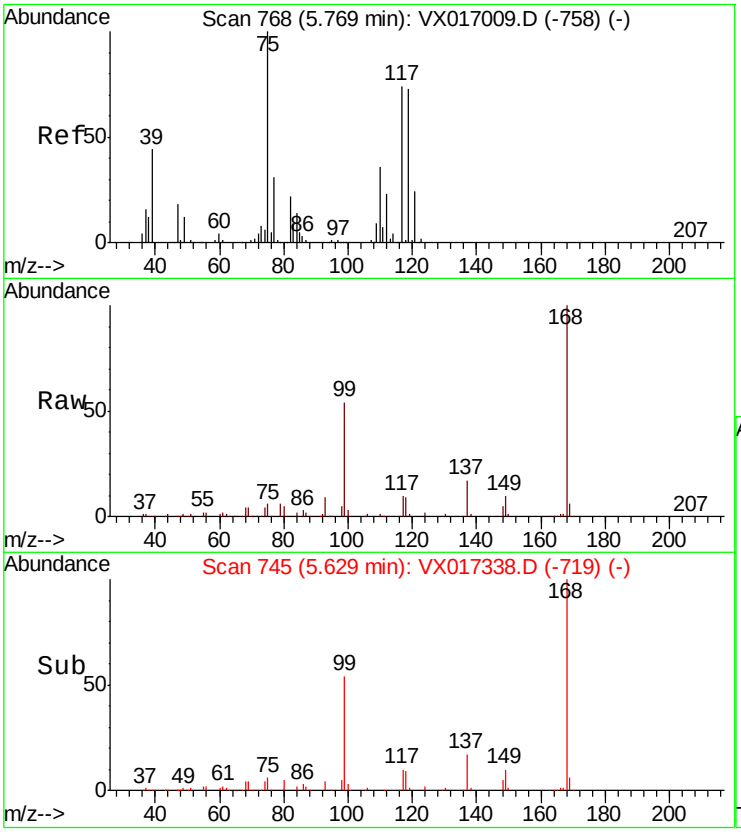


#35
Dibromofluoromethane
Concen: 52.427 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion:113 Resp: 139939

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	21.8	16.7	25.1



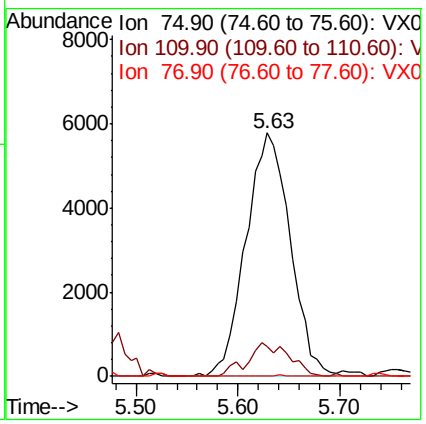


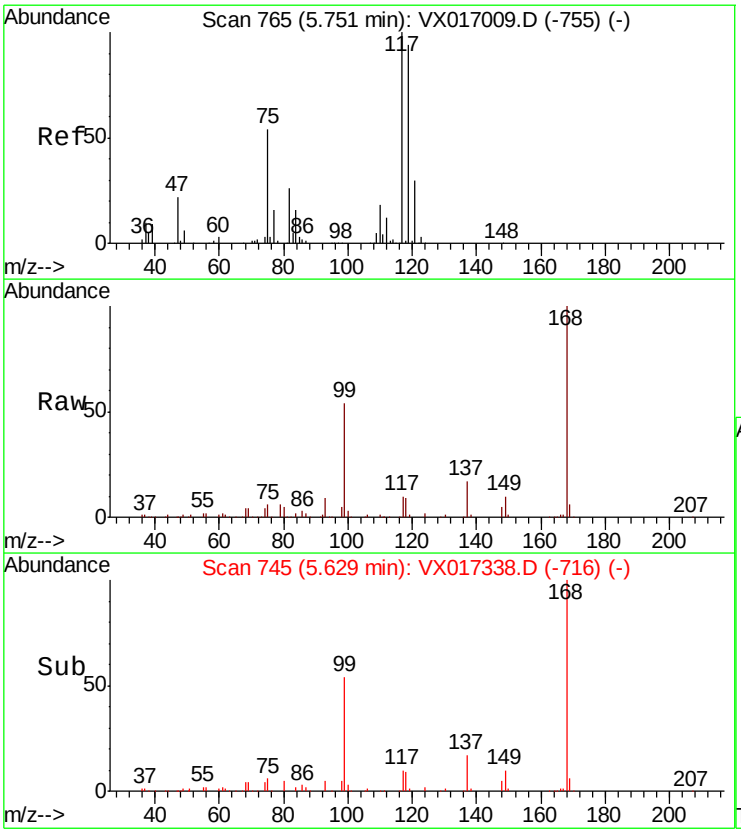
#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17414

Ion	Ratio	Lower	Upper
75	100		
110	13.0	18.1	54.1#
77	0.1	24.6	37.0#

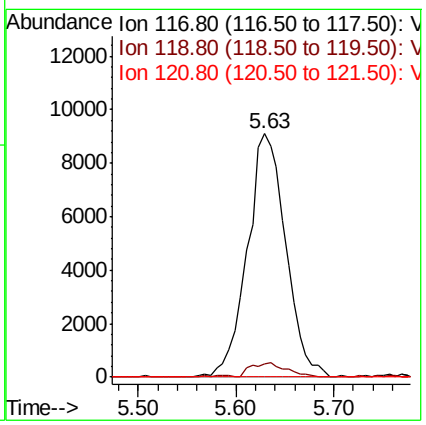


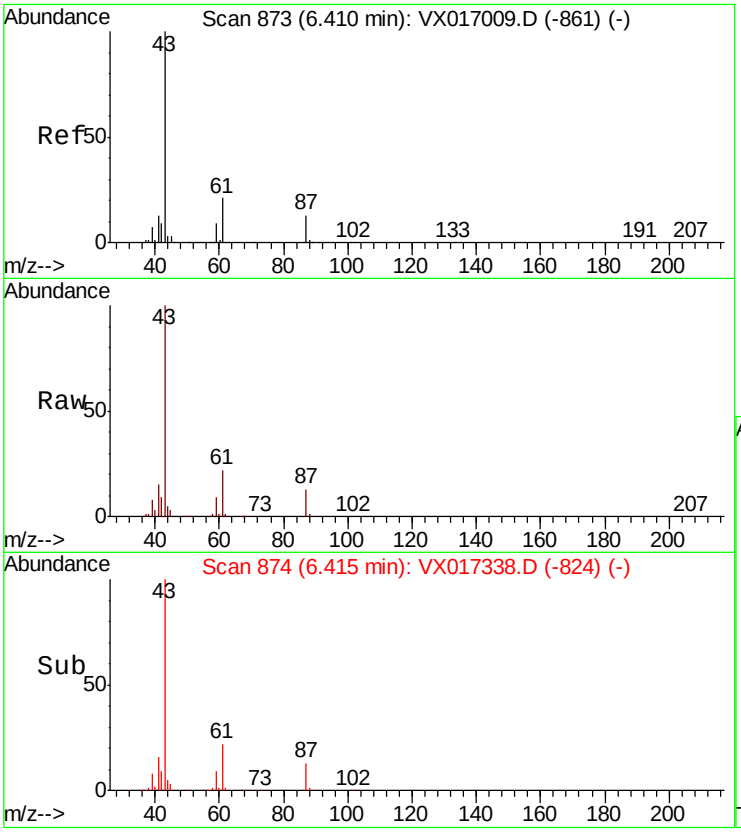


#38
Carbon Tetrachloride
Concen: 5.661 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion:117 Resp: 24866

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.4	113.0#
121	0.0	23.8	35.6#



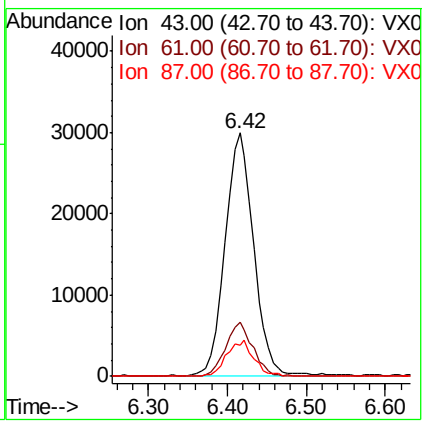


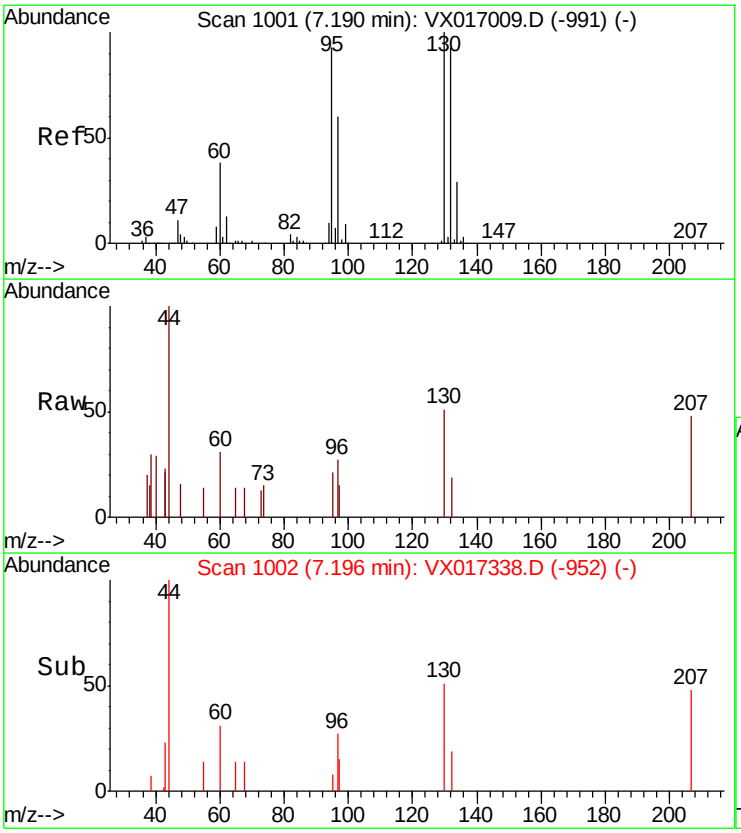
#43
Isopropyl Acetate
Concen: 11.205 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 75339

Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.2	24.2
87	14.0	10.7	16.1

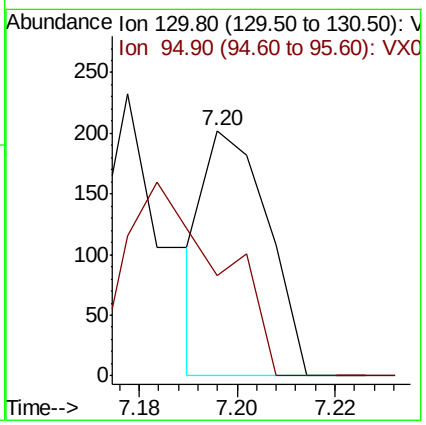


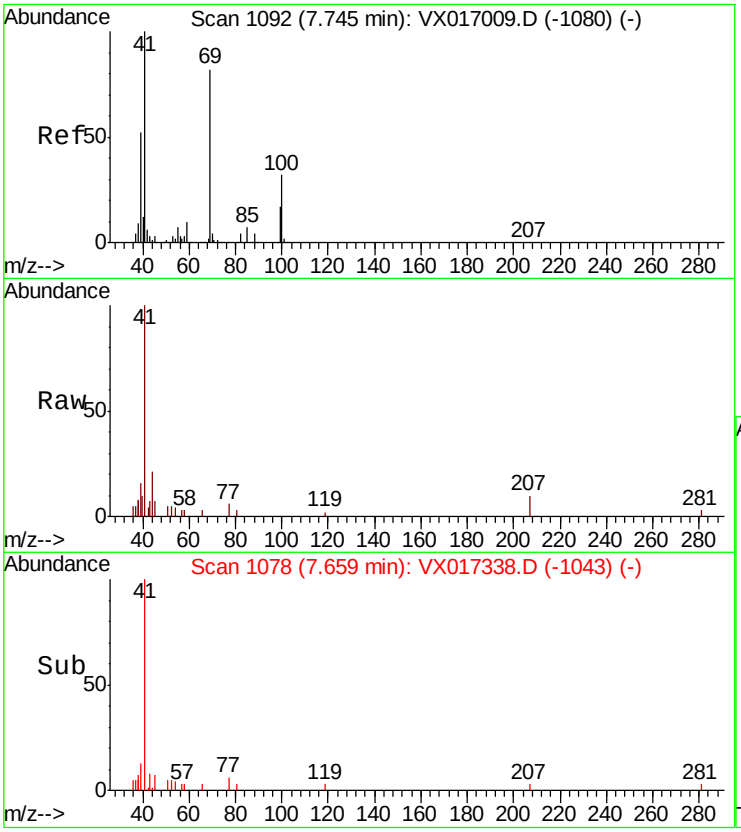


#44
Trichloroethene
Concen: Below Cal
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion:130 Resp: 180

Ion	Ratio	Lower	Upper
130	100		
95	41.1	0.0	185.0



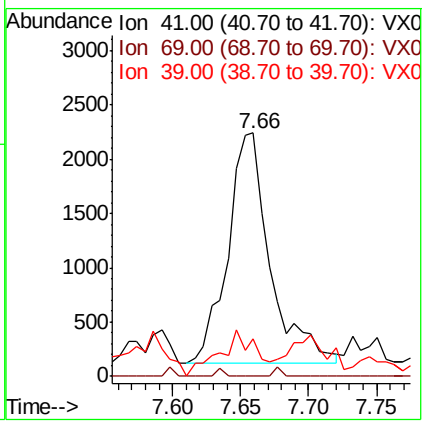


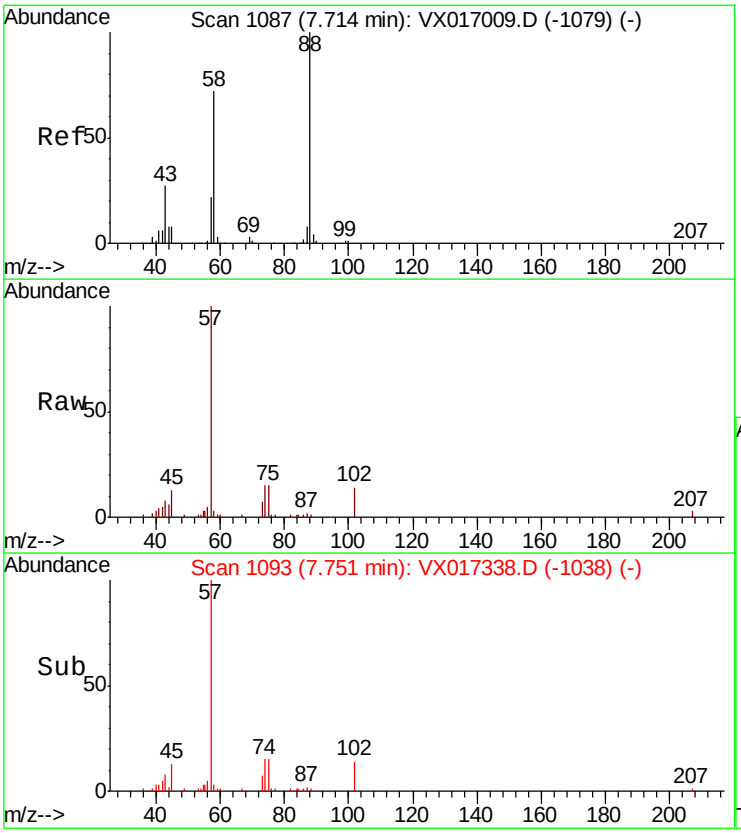
#48
Methyl methacrylate
Concen: 1.448 ug/l
RT: 7.66 min Scan# 1078
Delta R.T. -0.09 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 4624

Ion	Ratio	Lower	Upper
41	100		
69	0.6	65.8	98.8#
39	0.0	42.5	63.7#

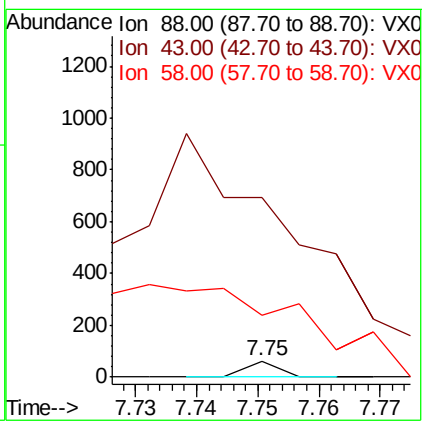


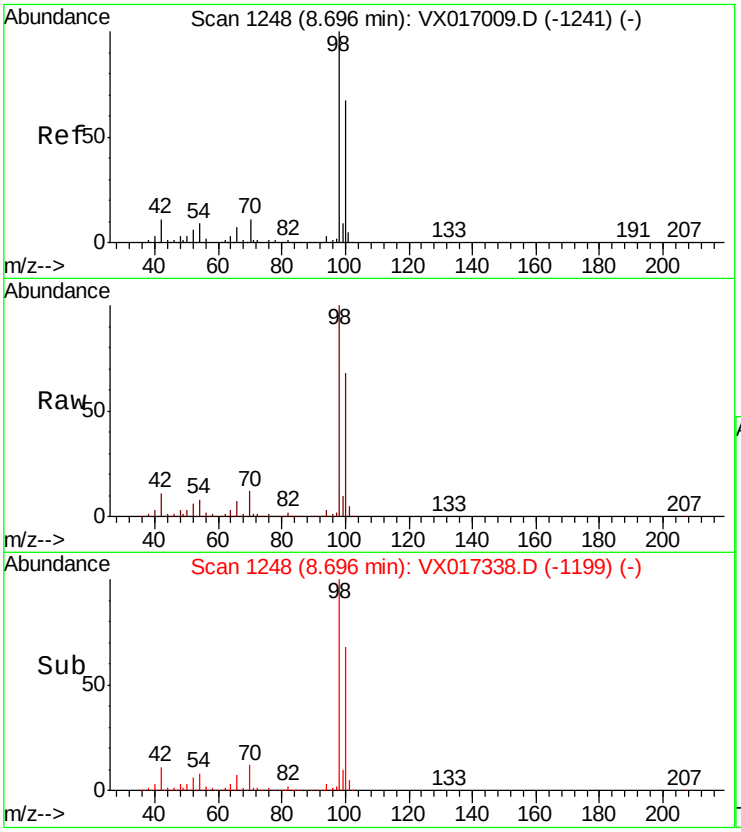


#49
1,4-Dioxane
Concen: 0.318 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.04 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.8#
58	3434.8	54.8	82.2#



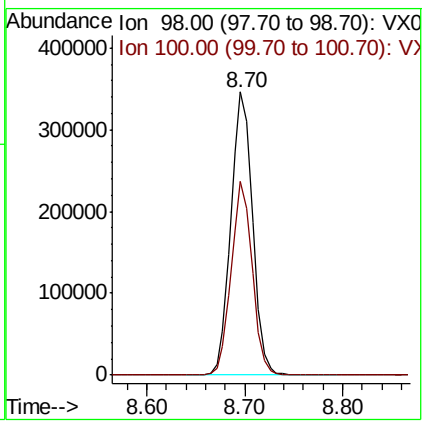


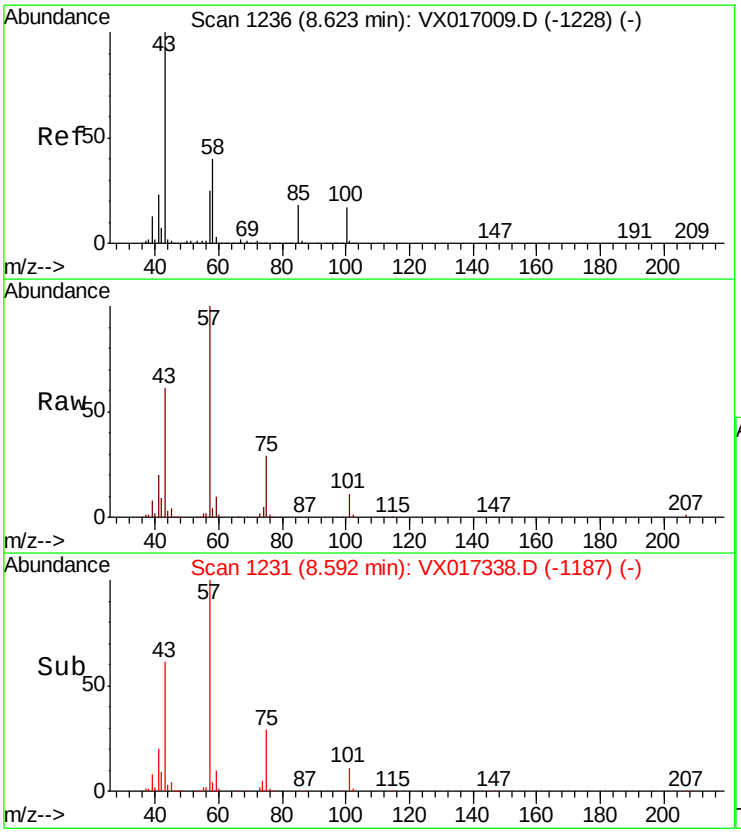
#50
Toluene-d8
Concen: 53.947 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 532468

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.8	80.6

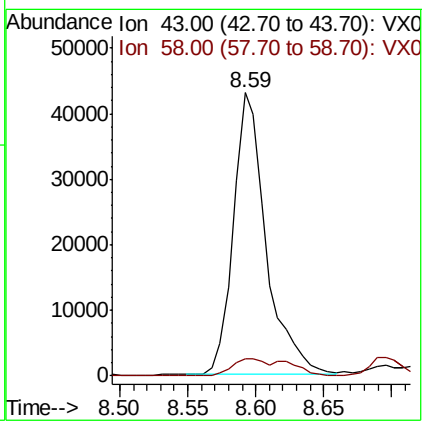


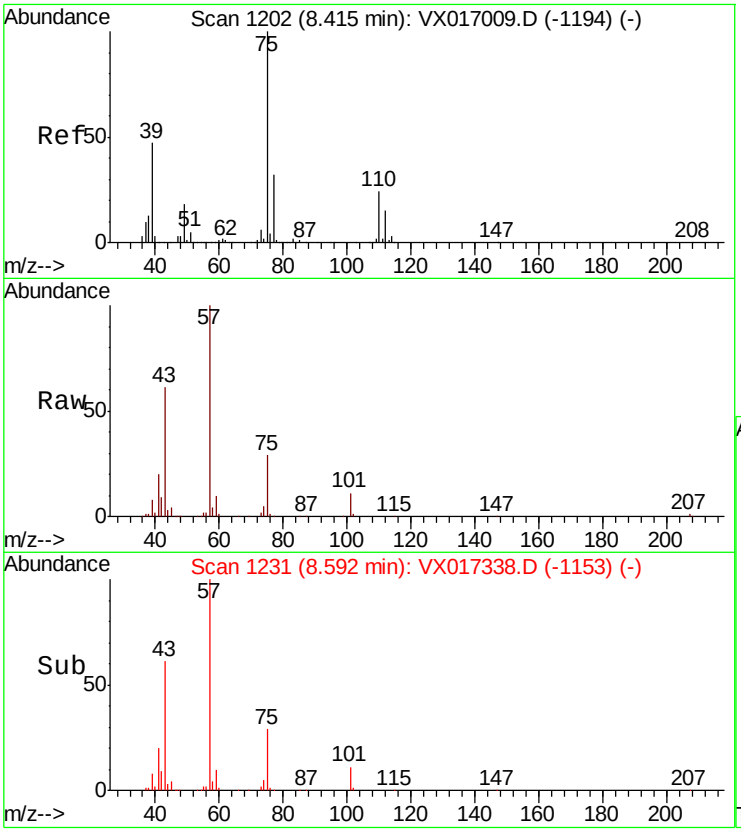


#51
4-Methyl-2-Pentanone
Concen: 17.997 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 43 Resp: 72132

Ion	Ratio	Lower	Upper
43	100		
58	6.5	31.9	47.9#



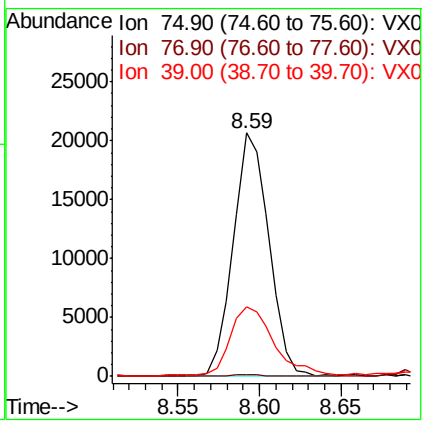


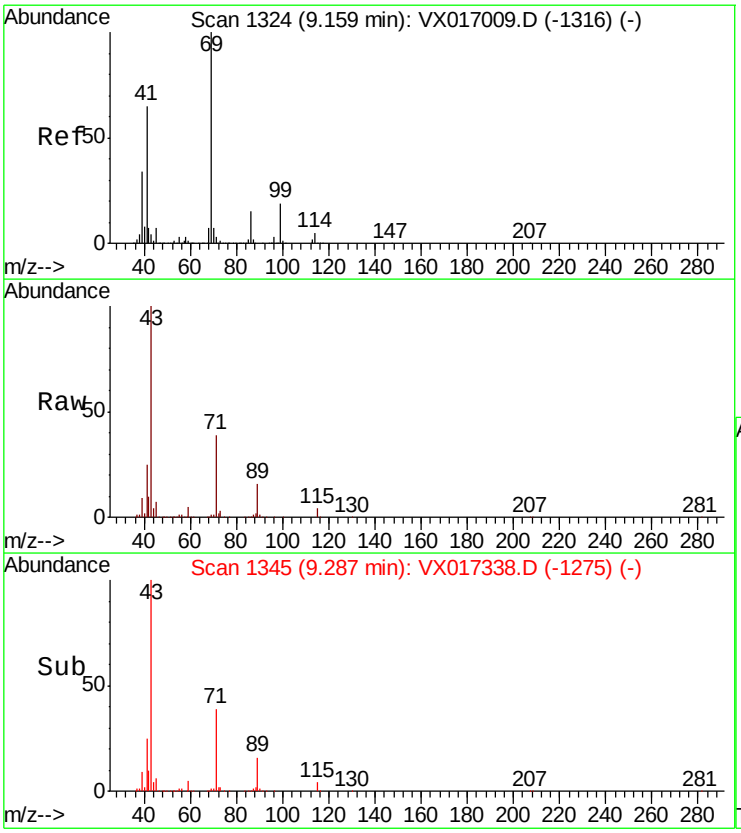
#54
cis-1,3-Dichloropropene
Concen: 6.288 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31491

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.2	37.8#
39	28.0	37.4	56.2#

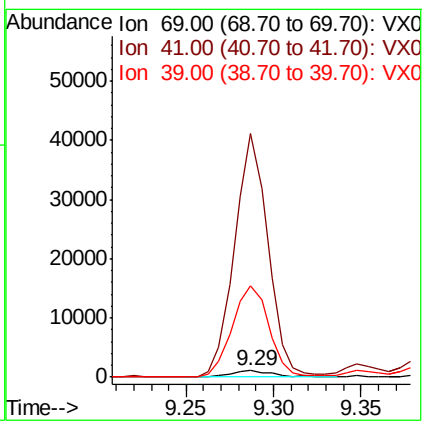


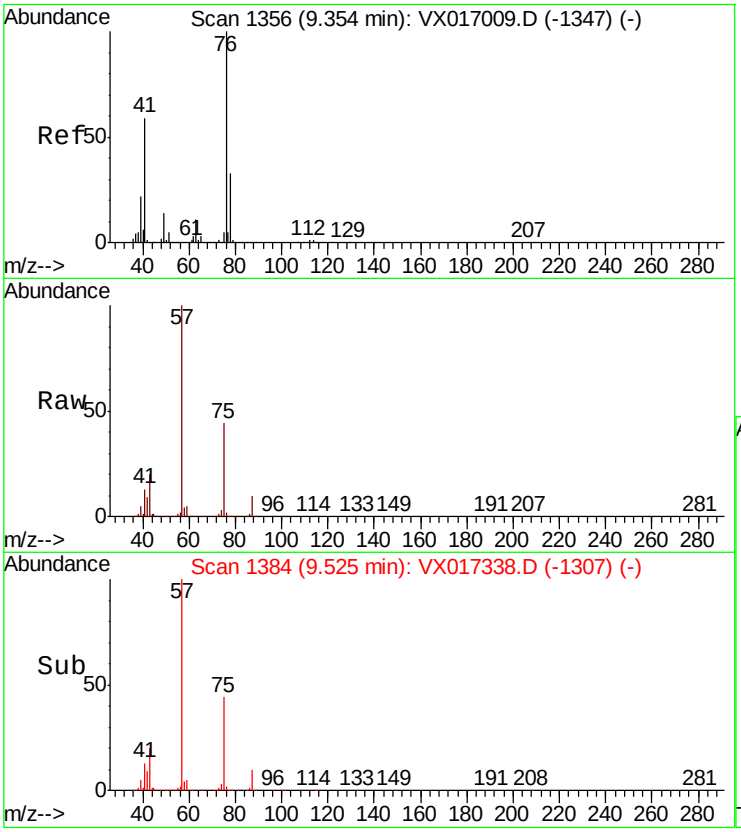


#56
Ethyl methacrylate
Concen: 0.427 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 69 Resp: 1815

Ion	Ratio	Lower	Upper
69	100		
41	3012.5	53.6	80.4#
39	1255.7	28.2	42.2#



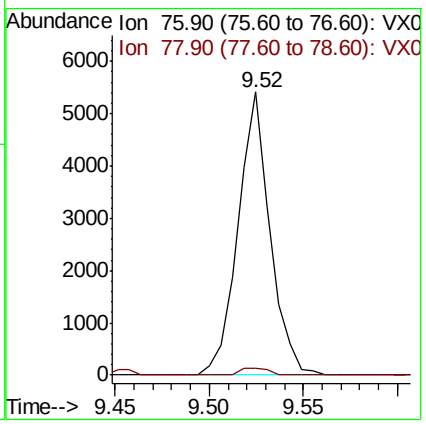


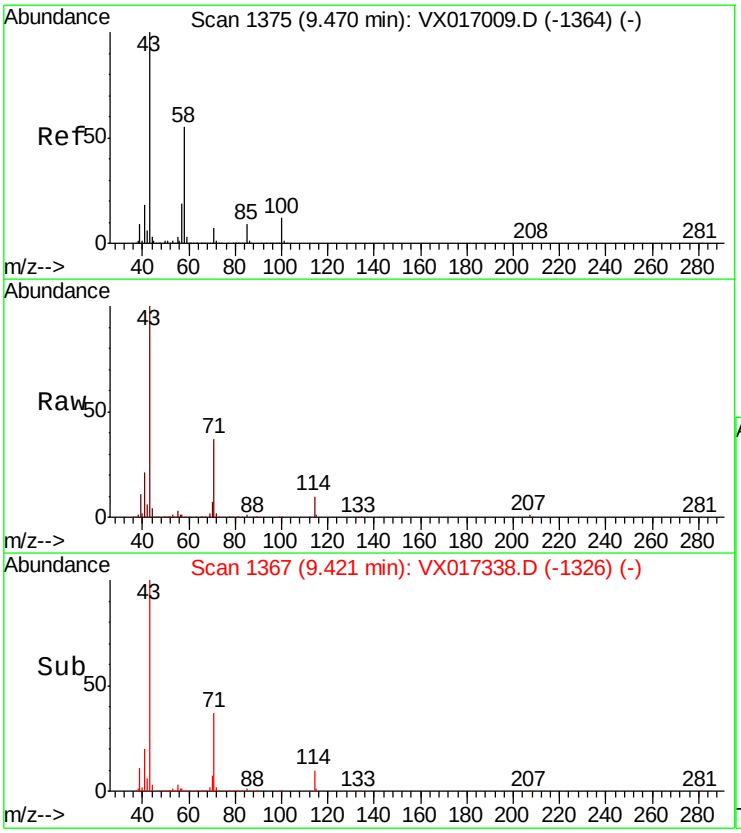
#57
1,3-Dichloropropane
Concen: 1.257 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6356

Ion	Ratio	Lower	Upper
76	100		
78	2.1	25.9	38.9#

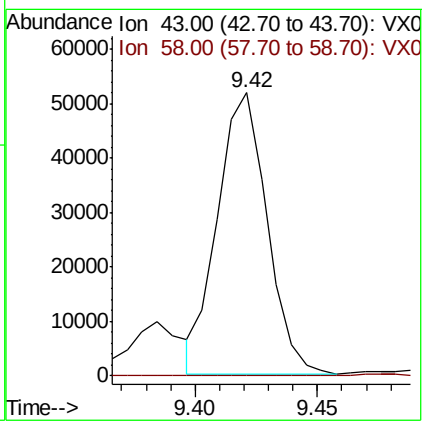


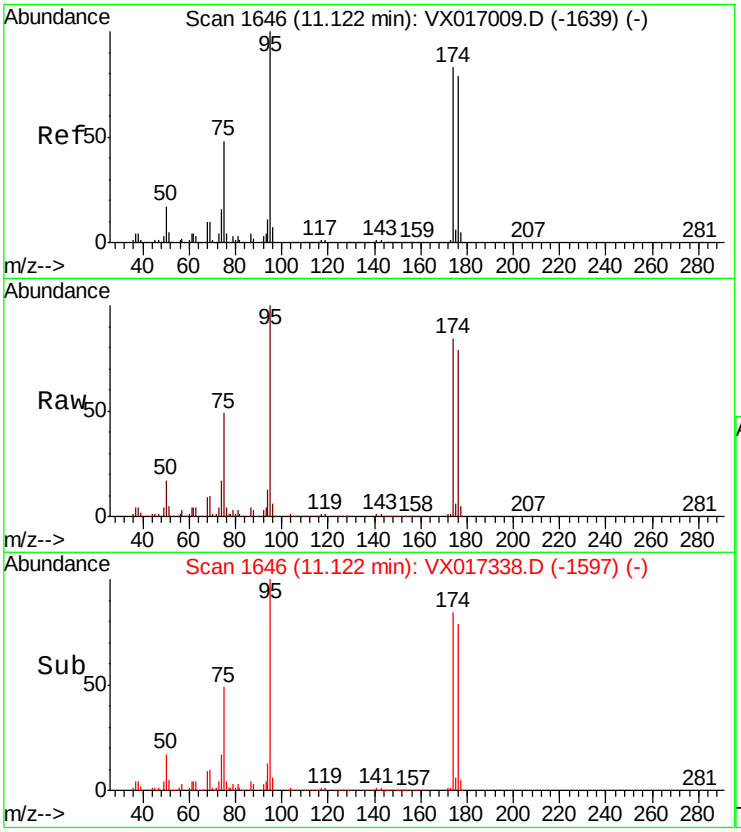


#59
2-Hexanone
Concen: 24.824 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 43 Resp: 72664

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	83.6#



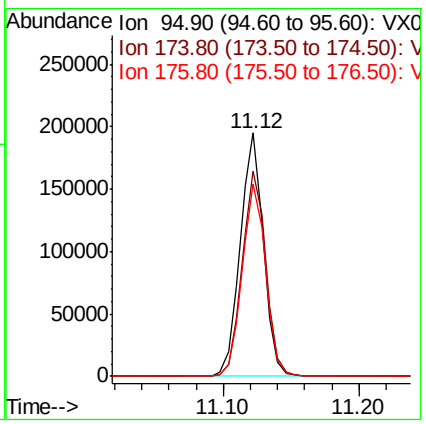


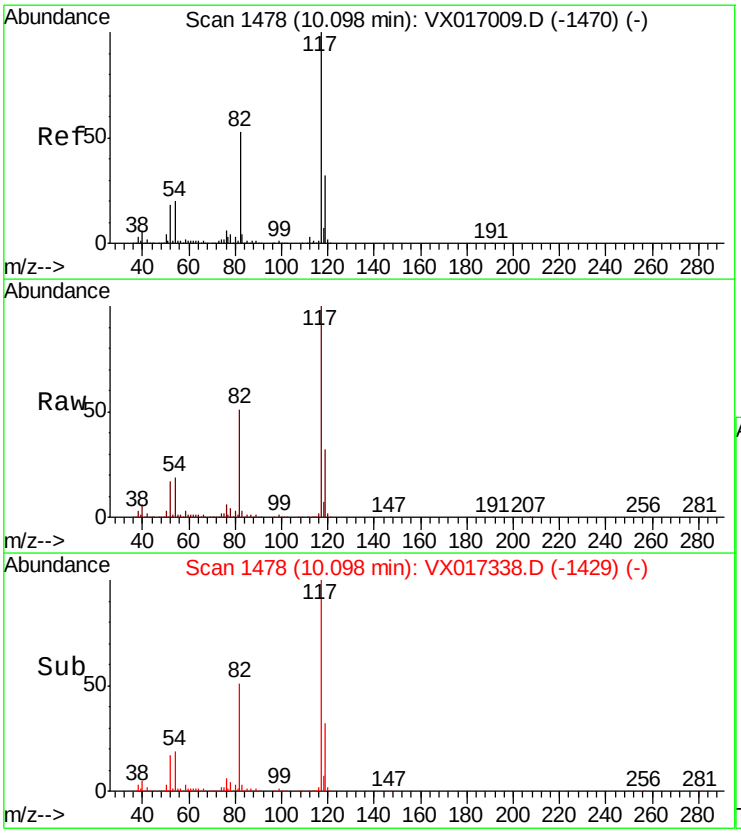
#62
4-Bromofluorobenzene
Concen: 59.699 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 230341

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	164.0
176	80.5	0.0	157.6

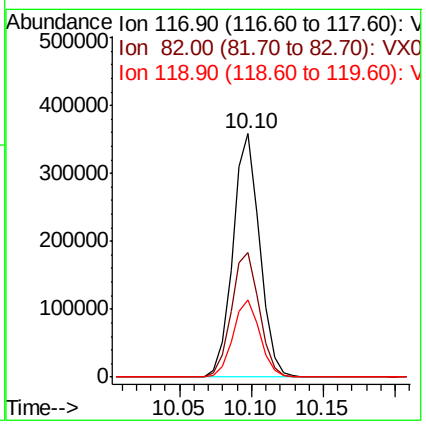


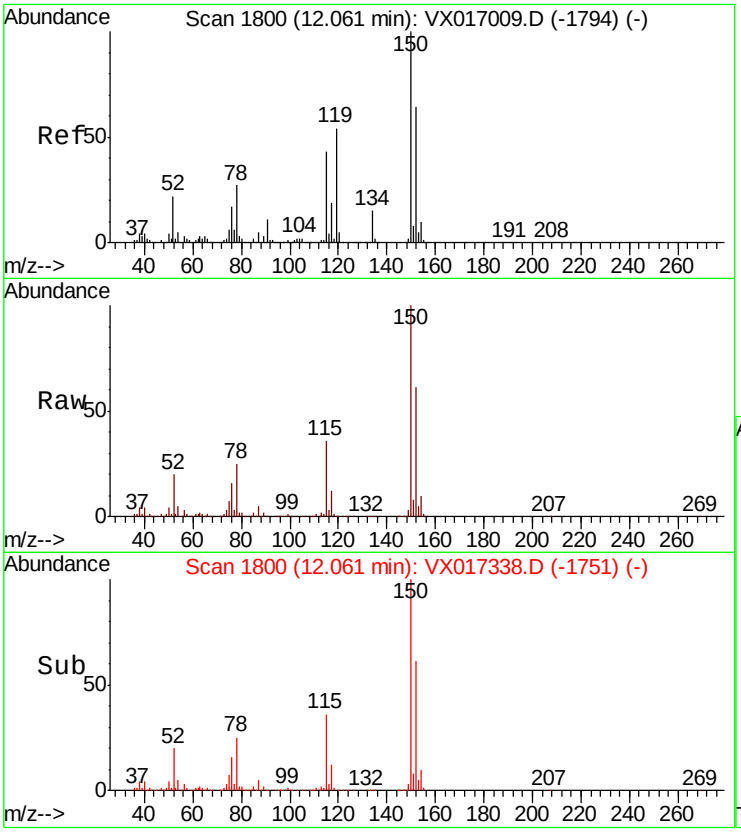


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion:117 Resp: 465324

Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.6	63.8
119	31.6	25.4	38.2



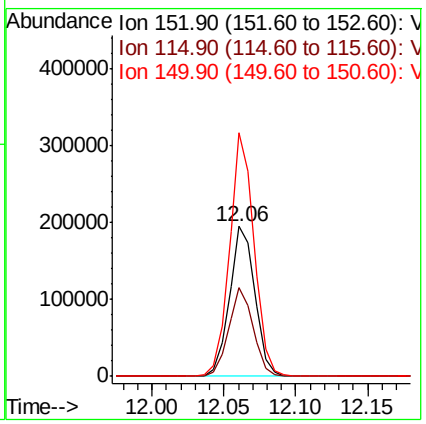


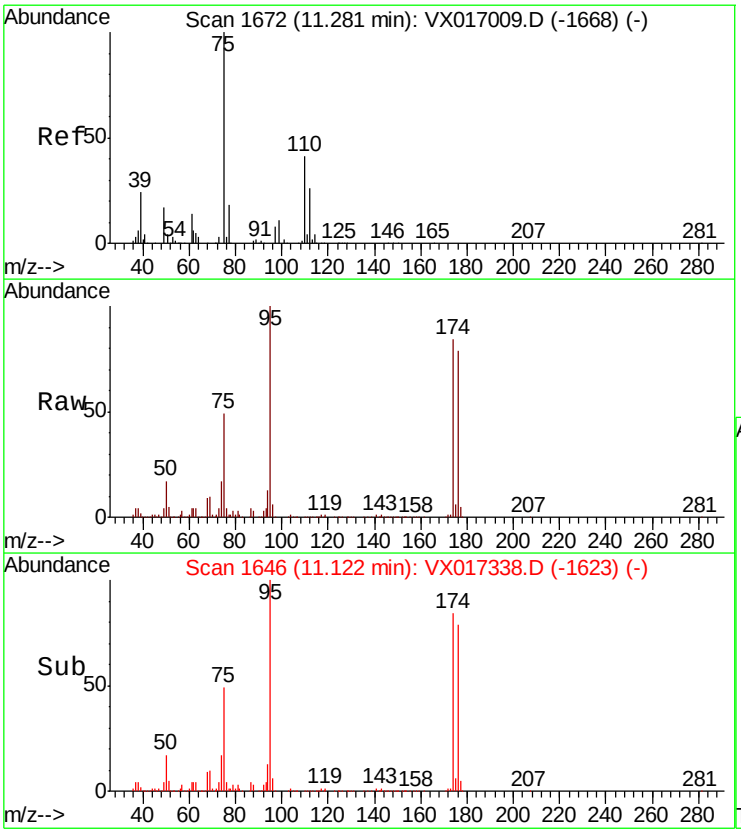
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 240933

Ion	Ratio	Lower	Upper
152	100		
115	57.3	40.9	122.7
150	156.1	0.0	351.6

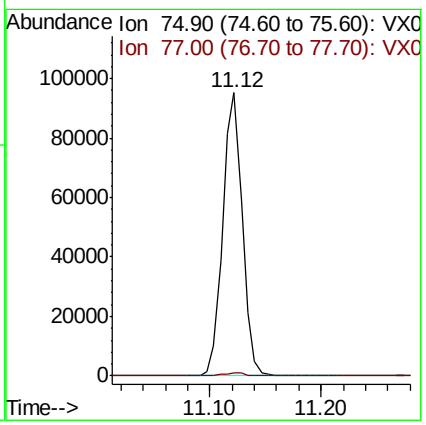


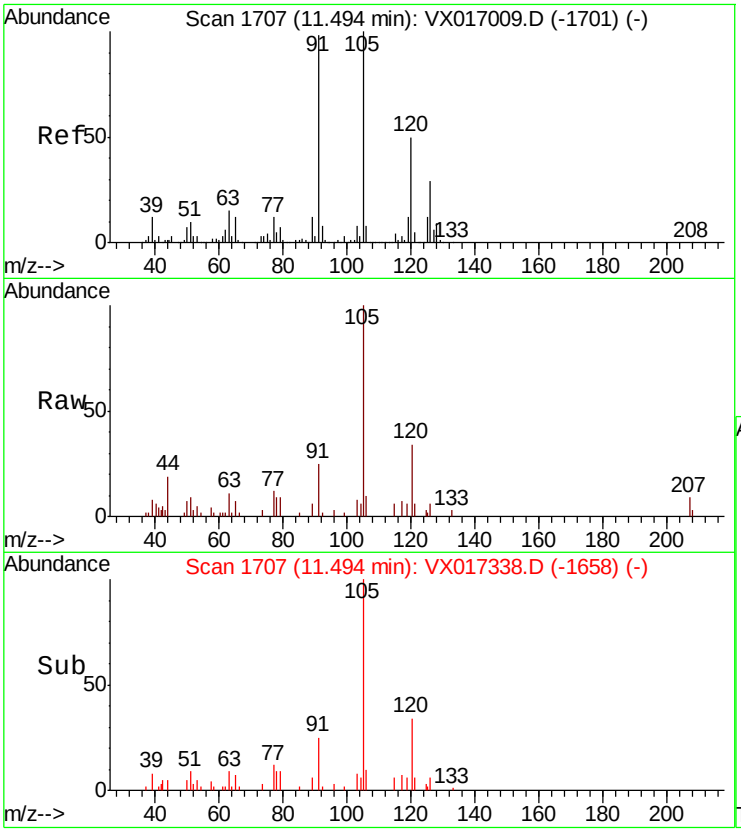


#76
1,2,3-Trichloropropane
Concen: 24.341 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 75 Resp: 115323

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



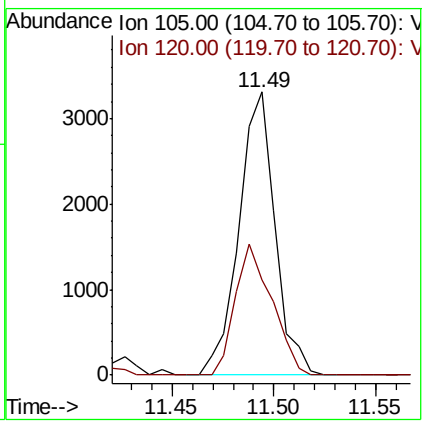


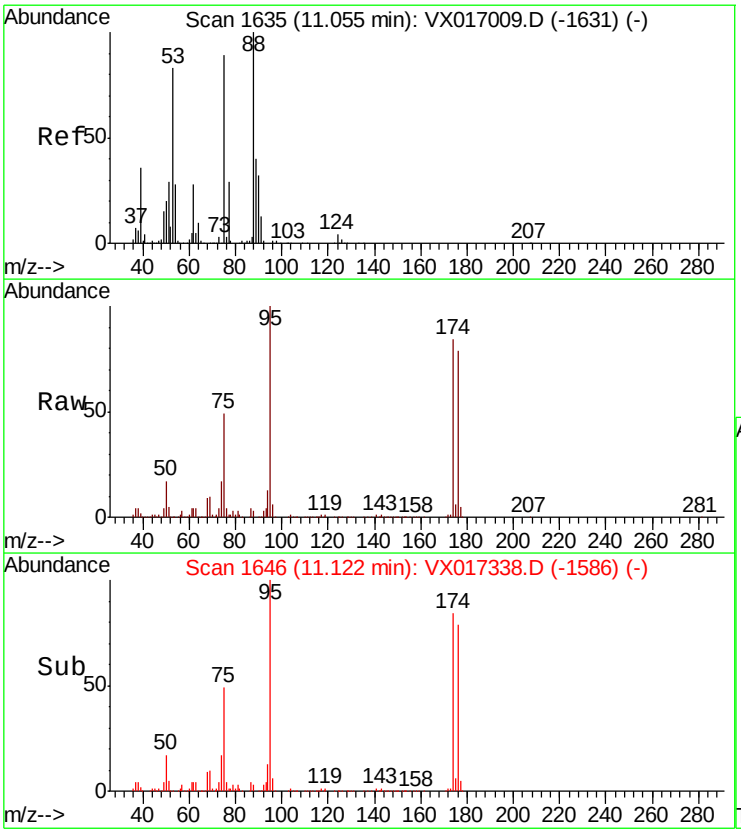
#80
1,3,5-Trimethylbenzene
Concen: 0.312 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4079

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.9	74.6

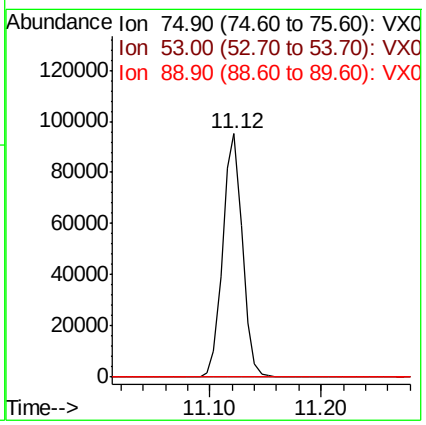


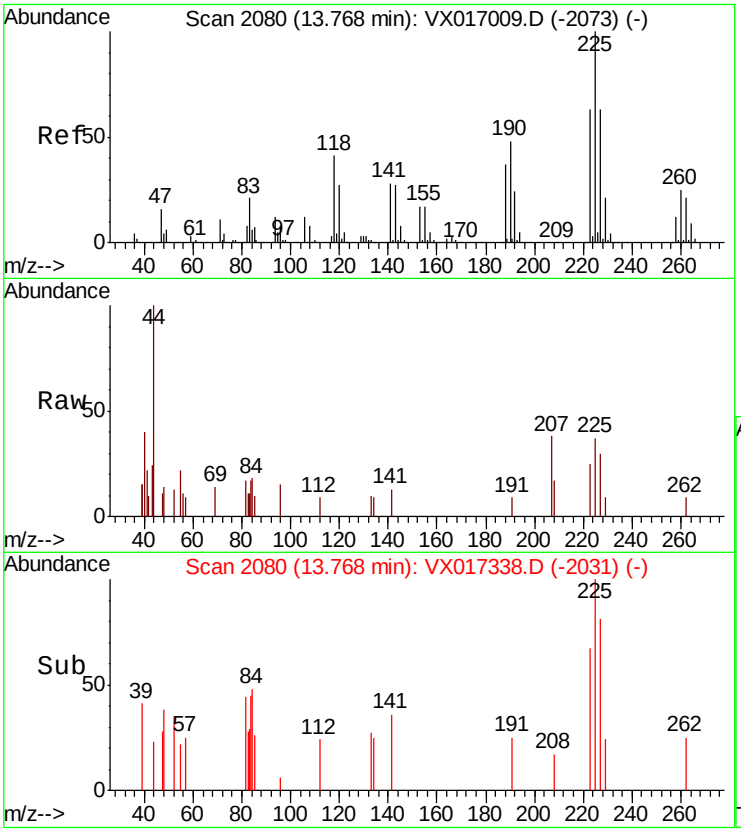


#81
trans-1,4-Dichloro-2-butene
Concen: 63.034 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion: 75 Resp: 115323

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.4	108.6#
89	0.0	37.0	55.4#



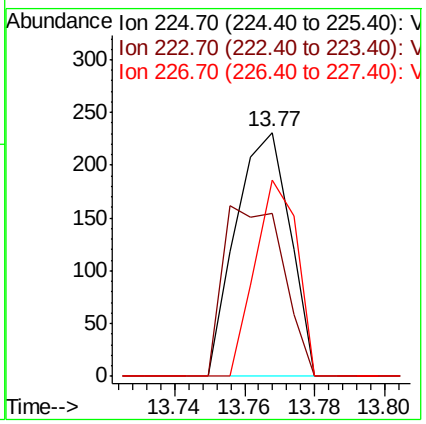


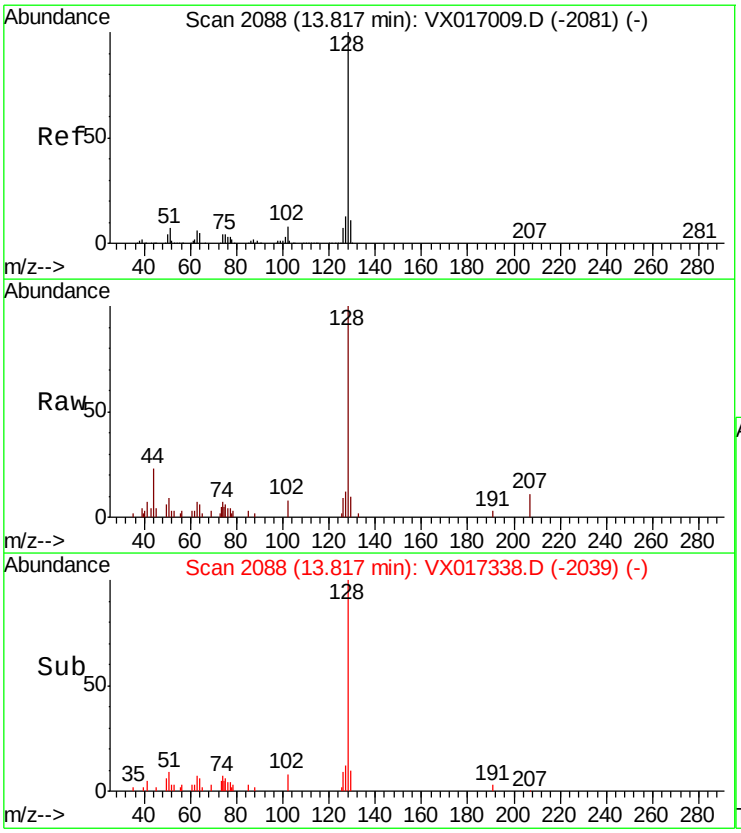
#94
Hexachlorobutadiene
Concen: 0.972 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 248

Ion	Ratio	Lower	Upper
225	100		
223	77.4	32.5	97.5
227	62.5	33.1	99.2





#95
Naphthalene
Concen: 0.246 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017338.D
Acq: 10 Jul 2020 16:19

Tgt Ion:128 Resp: 3761

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	14.1	8.7	13.1#