Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\

Quantitation Report (Not Reviewed)

Data File : VX017290.D
Acq On : 09 Jul 2020 04:43
Operator : JC/SP
Sample : PB130015ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Quant Time: Jul 09 06:18:07 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	247290	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	428715	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	462686	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243124	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	166208	54.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.04%				
35) Dibromofluoromethane	5.46	113	142463	52.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.06%				
50) Toluene-d8	8.70	98	539410	53.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.58%				
62) 4-Bromofluorobenzene	11.12	95	223504	57.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.02%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	846	0.994	ug/l		83
11) Tert butyl alcohol	3.02	59	999	1.718	ug/l	#	90
13) Acrolein	2.26	56	274	0.788	ug/l		85
16) Acetone	2.42	43	17212	15.092	ug/l		93
18) Methyl Acetate	2.75	43	3539	1.189	ug/l		99
20) Methylene Chloride	2.84	84	20527	7.178	ug/l		96
25) 2-Butanone	4.65	43	3688	1.941	ug/l	#	71
29) Tetrahydrofuran	5.10	42	769	0.612	ug/l	#	62
31) Cyclohexane	5.63	56	5161	1.254	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	18192	4.490	ug/l	#	51
38) Carbon Tetrachloride	5.63	117	24691	5.533	ug/l	#	19
43) Isopropyl Acetate	6.41	43	67828	9.929	ug/l		98
44) Trichloroethene	7.20	130	181	Below Cal			72
48) Methyl methacrylate	7.85	41	117440	36.185	ug/l	#	44
49) 1,4-Dioxane	7.60	88	22	0.299	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.59	43	64491	15.837	ug/l	#	47
54) cis-1,3-Dichloropropene	8.59	75	28807	5.661	ug/l	#	63
56) Ethyl methacrylate	9.29	69	1695	0.392	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	5741	1.117	ug/l	#	43
59) 2-Hexanone	9.52	43	74971	25.208	ug/l	#	49
74) N-amyl acetate	10.81	43	3028	0.446	ug/l	#	53
76) 1,2,3-Trichloropropane	11.12	75	111073	23.233	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	3317	0.251	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.12	75	111073	60.164	ug/l	#	13
88) 1,4-Dichlorobenzene	12.01	146	503	Below Cal			90
94) Hexachlorobutadiene	13.76	225	173	0.933	ug/l		88

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

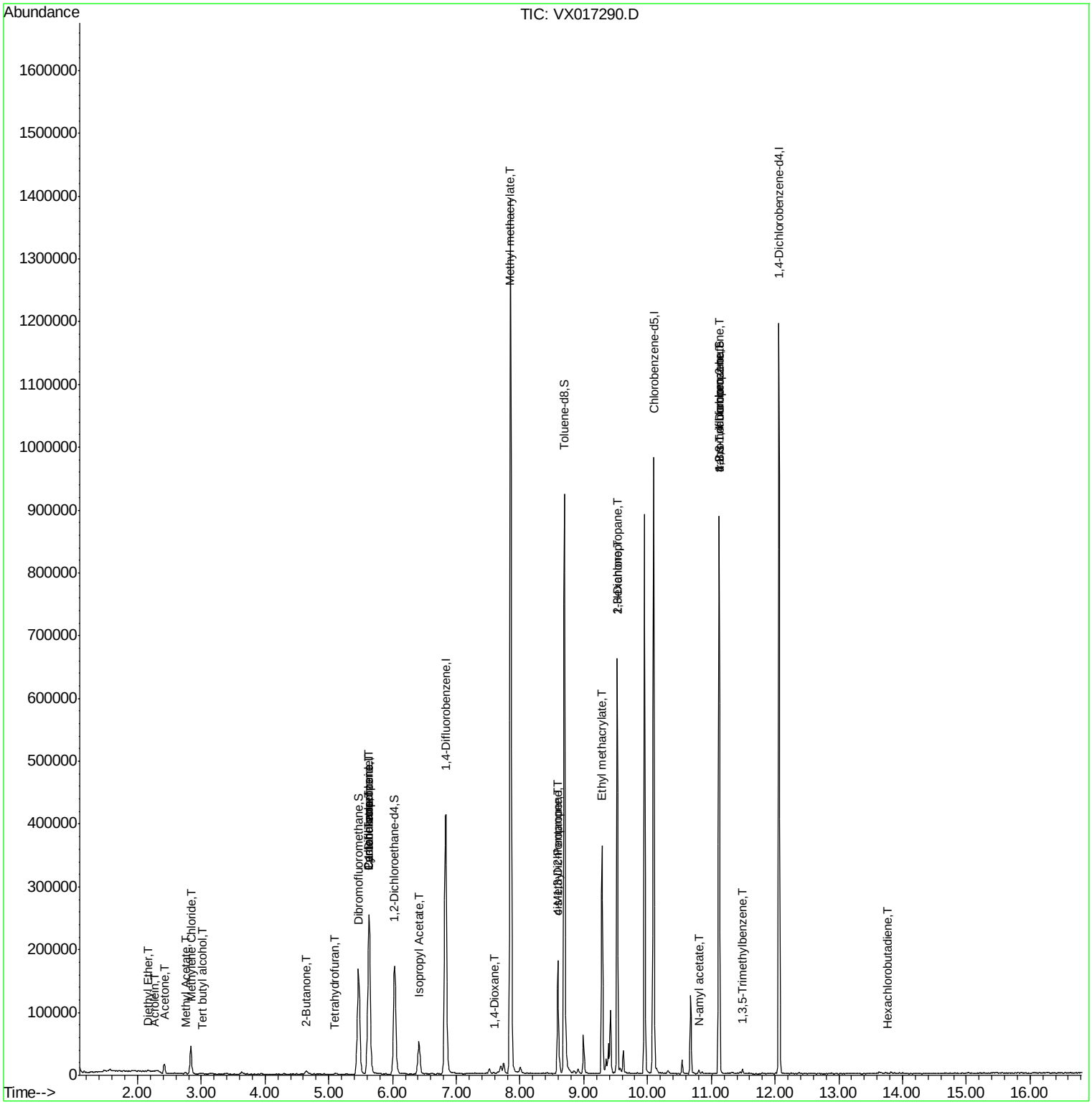
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\

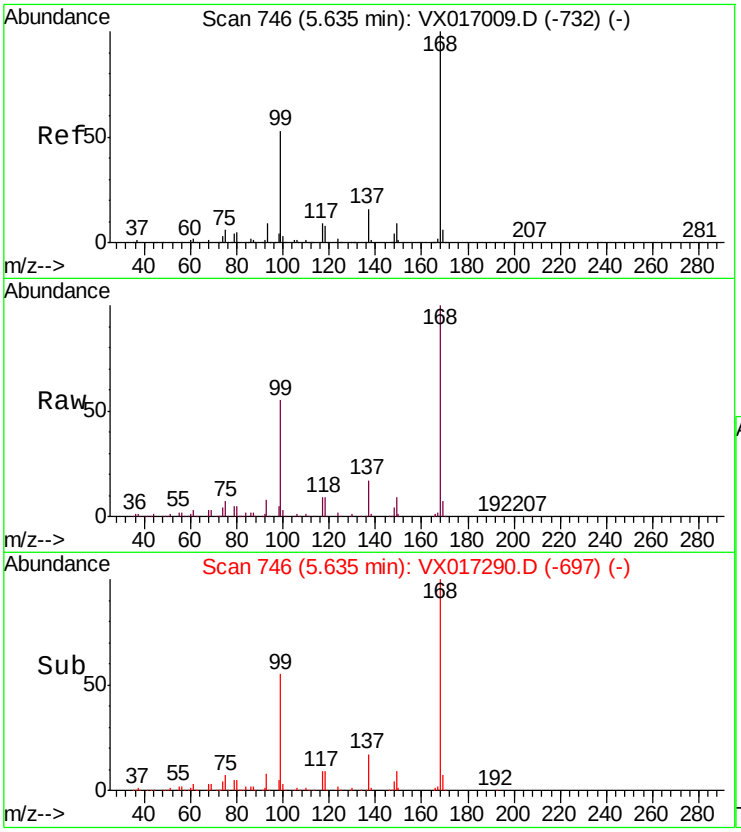
Quantitation Report (Not Reviewed)

Data File : VX017290.D
Acq On : 09 Jul 2020 04:43
Operator : JC/SP
Sample : PB130015ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Quant Time: Jul 09 06:18:07 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



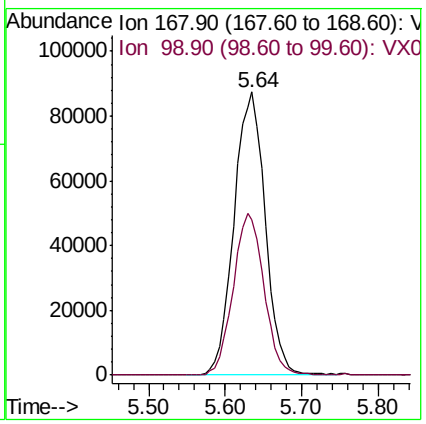


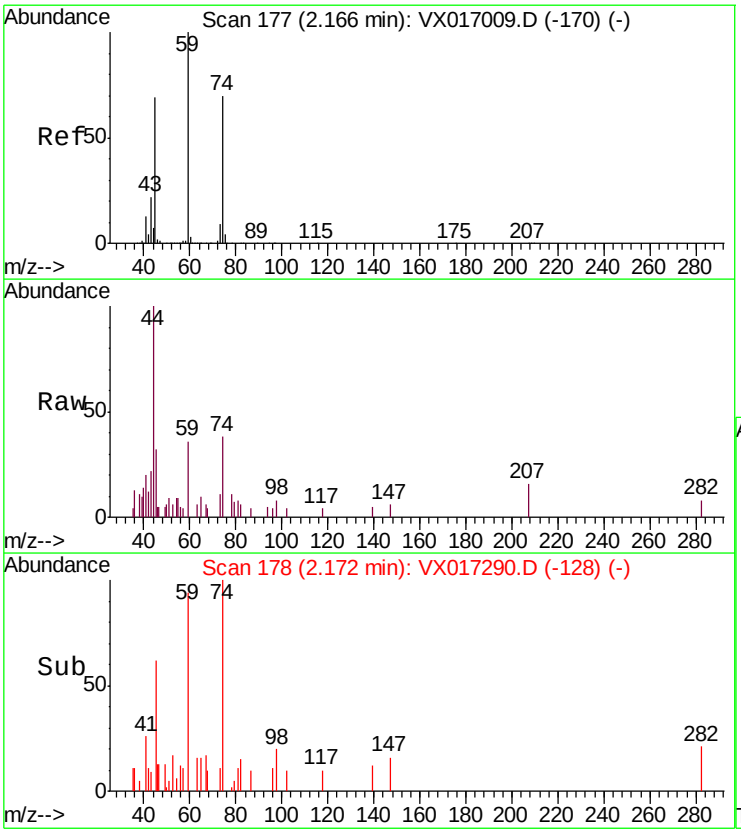
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion:168 Resp: 247290

Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.6	64.0

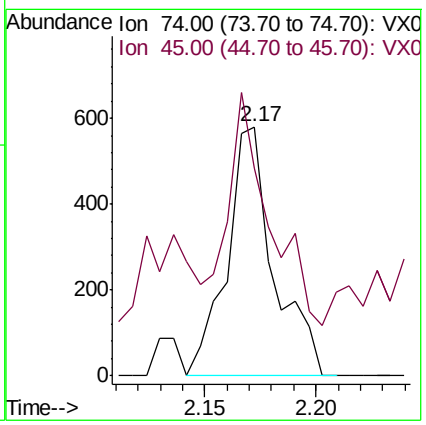


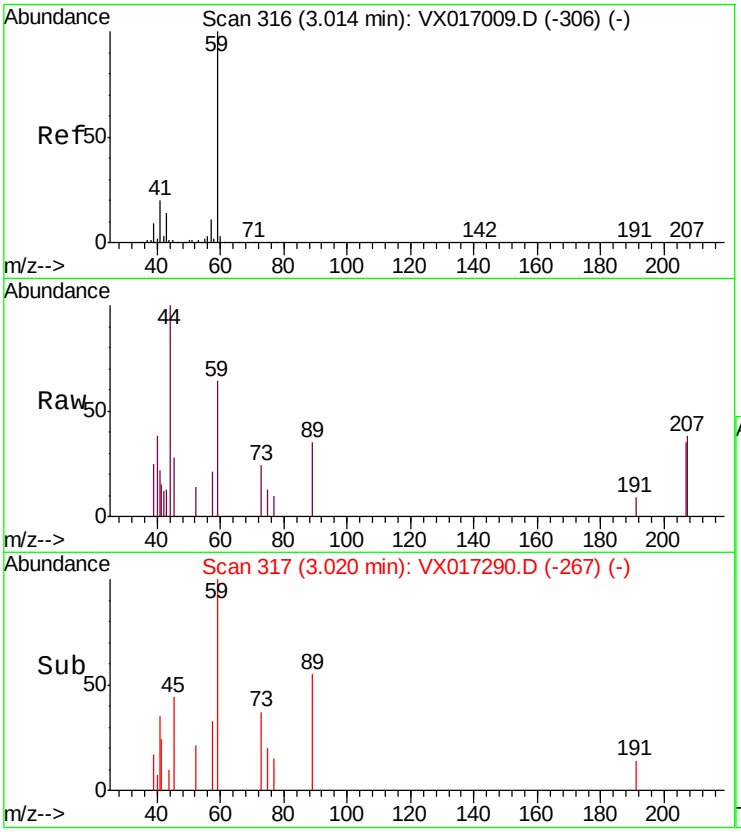


#8
Diethyl Ether
Concen: 0.994 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 74 Resp: 846

Ion	Ratio	Lower	Upper
74	100		
45	83.0	49.8	149.3



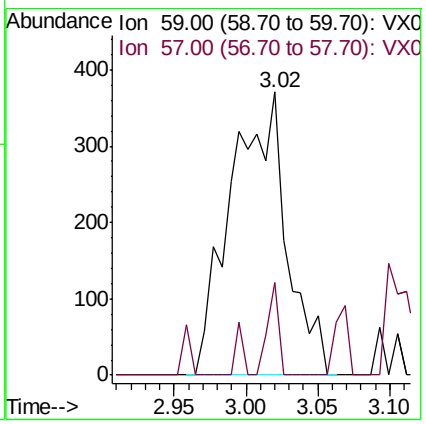


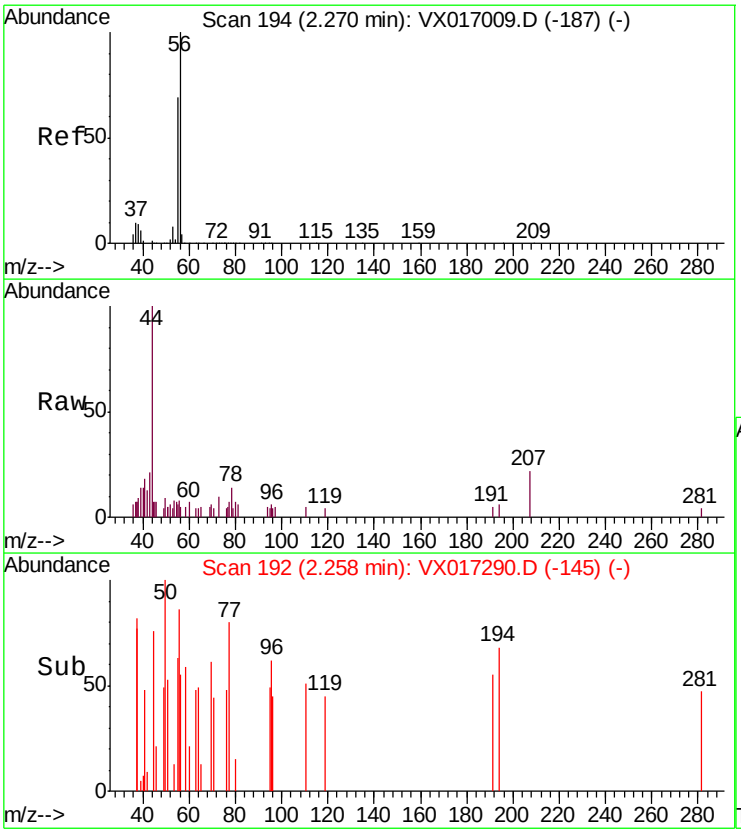
#11
Tert butyl alcohol
Concen: 1.718 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 59 Resp: 999

Ion	Ratio	Lower	Upper
59	100		
57	6.4	8.2	12.2#

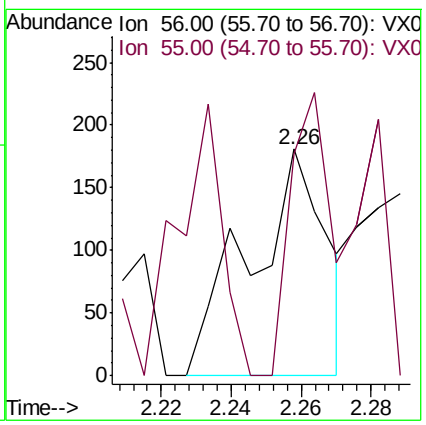


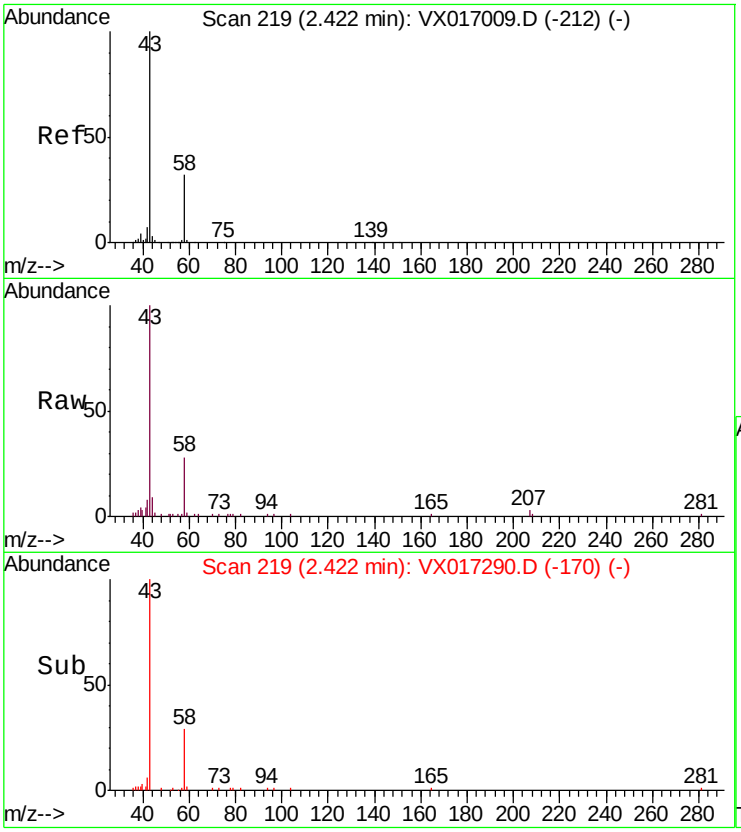


#13
Acrolein
Concen: 0.788 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 56 Resp: 274

Ion	Ratio	Lower	Upper
56	100		
55	82.1	55.7	83.5



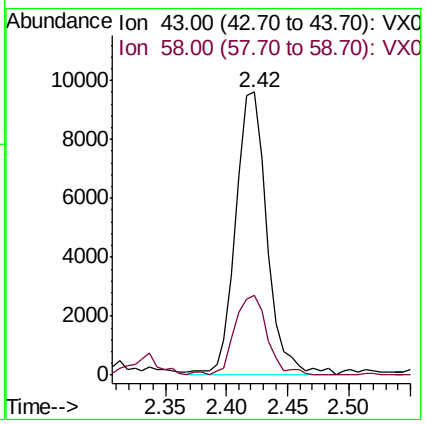


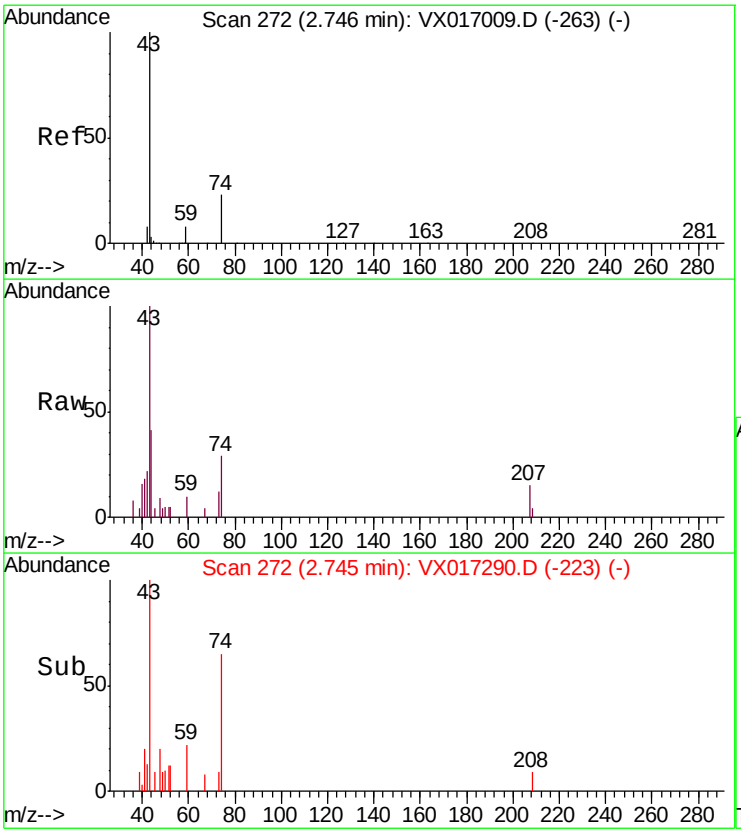
#16
Acetone
Concen: 15.092 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 43 Resp: 17212

Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.7	38.5

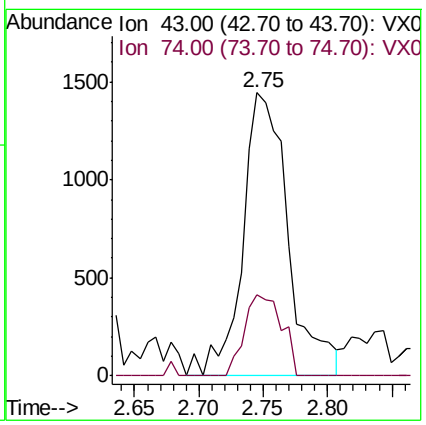


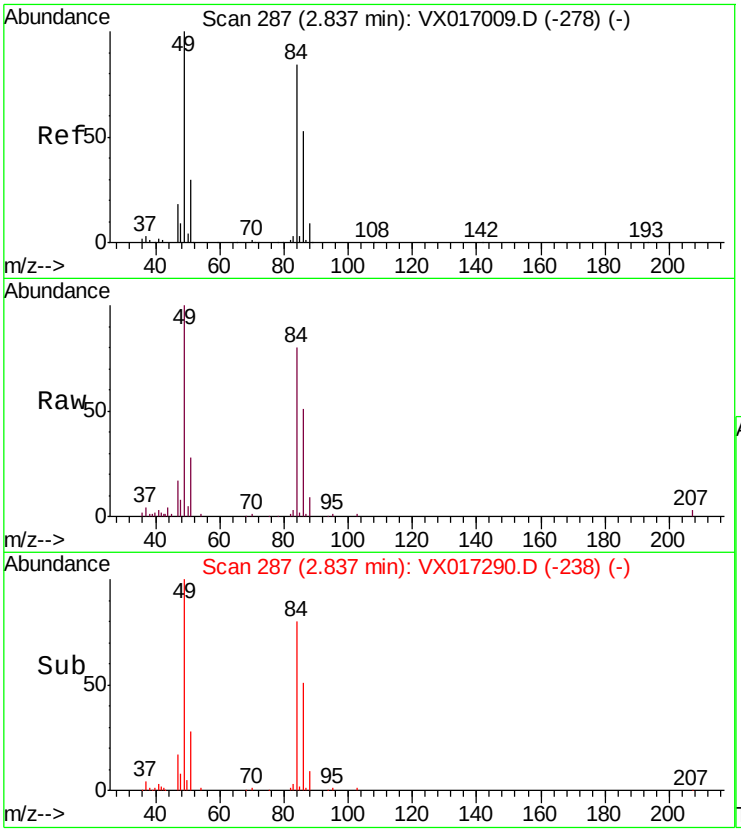


#18
Methyl Acetate
Concen: 1.189 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 43 Resp: 3539

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.3	28.9



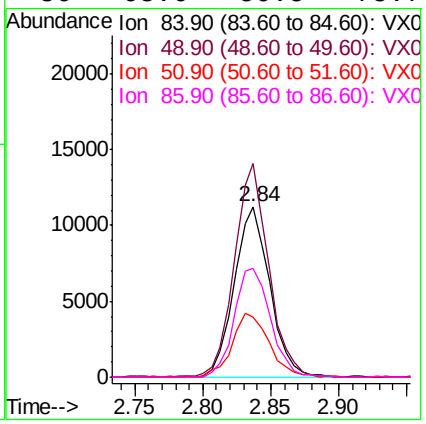


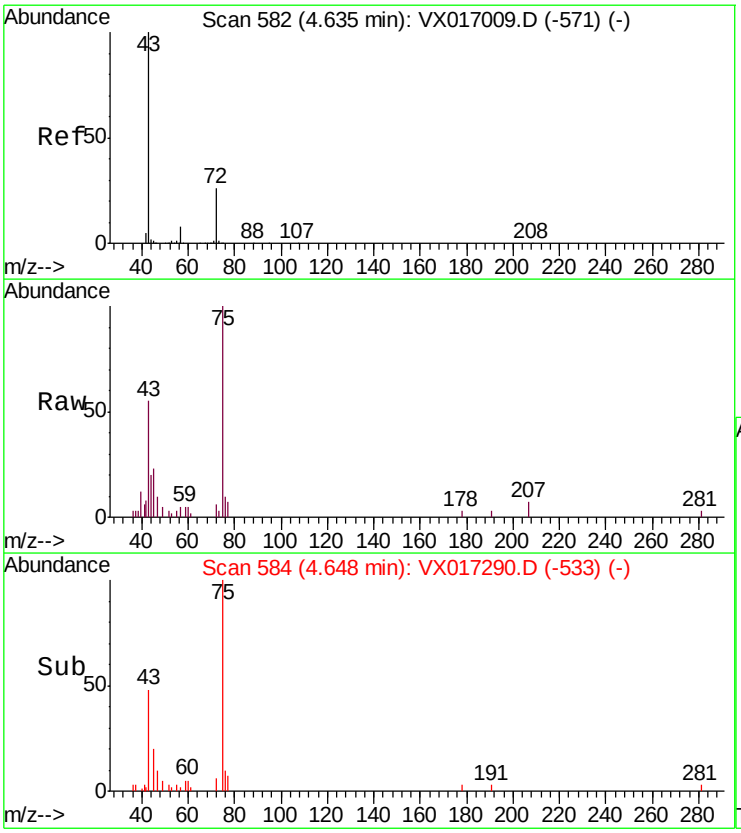
#20
Methylene Chloride
Concen: 7.178 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 84 Resp: 20527

Ion	Ratio	Lower	Upper
84	100		
49	125.0	94.7	142.1
51	34.8	28.6	42.8
86	63.6	50.5	75.7

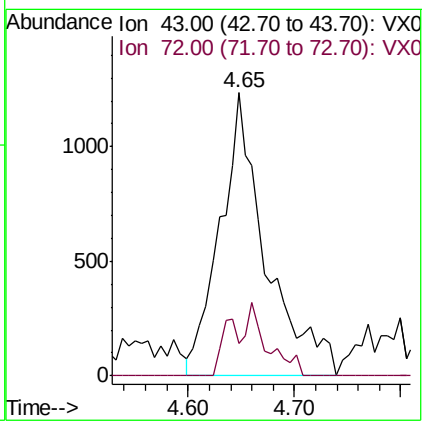


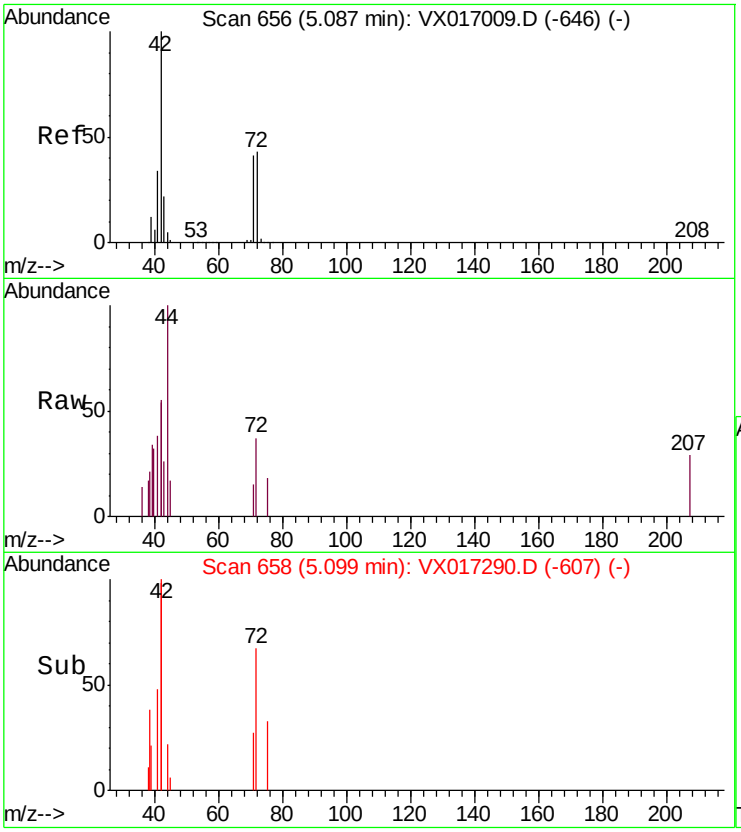


#25
2-Butanone
Concen: 1.941 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 43 Resp: 3688

Ion	Ratio	Lower	Upper
43	100		
72	11.3	20.8	31.2#



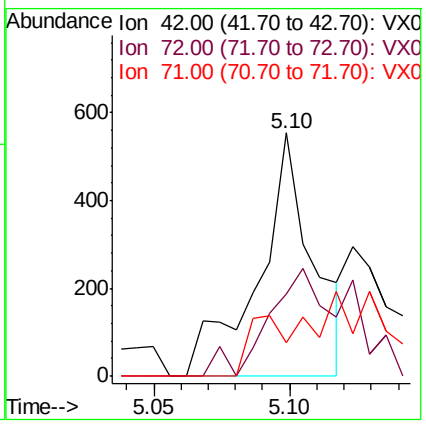


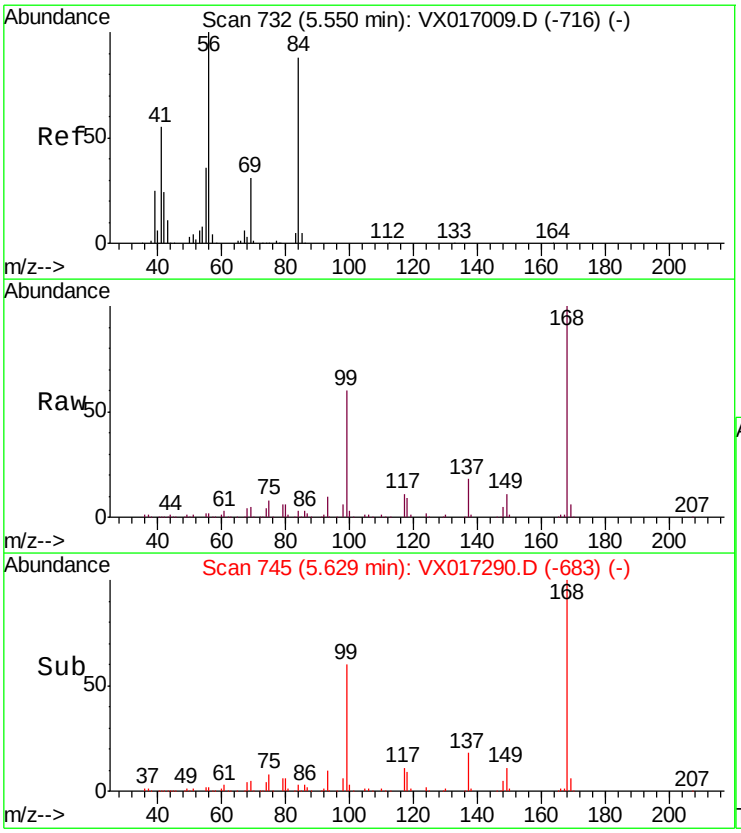
#29
Tetrahydrofuran
Concen: 0.612 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion: 42 Resp: 769

Ion	Ratio	Lower	Upper
42	100		
72	67.5	35.3	52.9#
71	16.4	33.1	49.7#

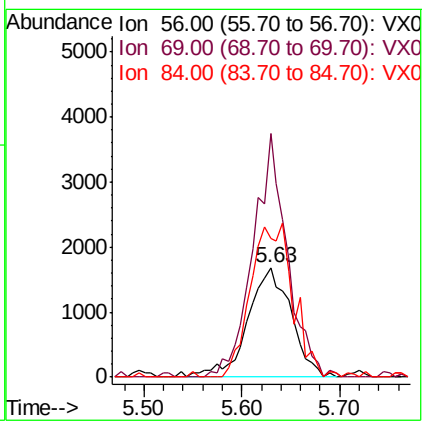


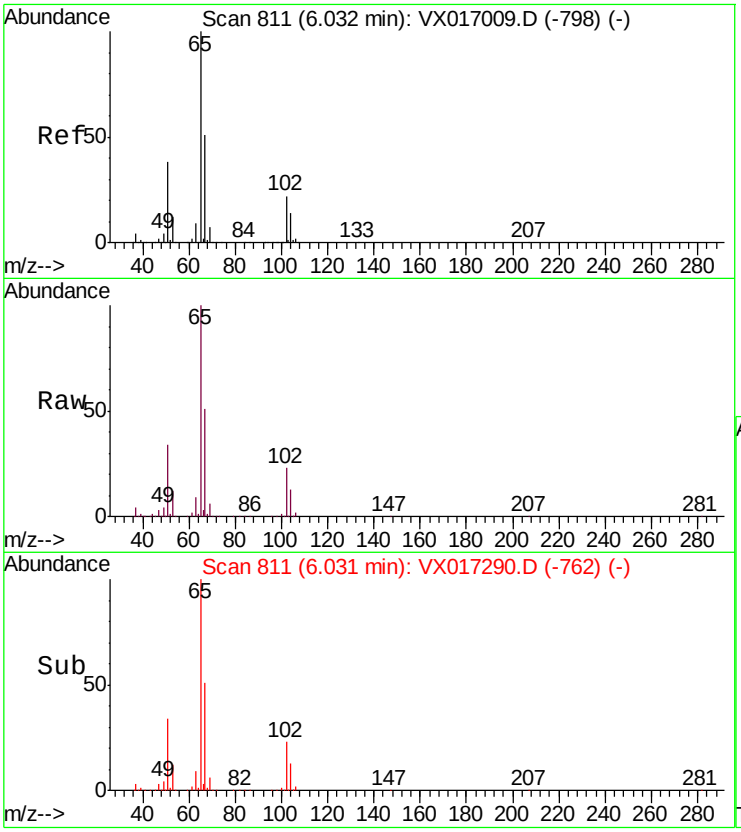


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 56 Resp: 5161

Ion	Ratio	Lower	Upper
56	100		
69	221.9	25.0	37.4#
84	135.5	69.1	103.7#



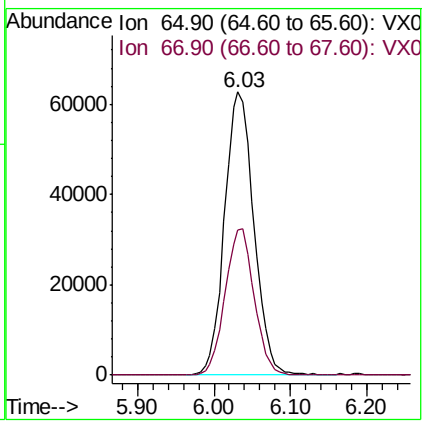


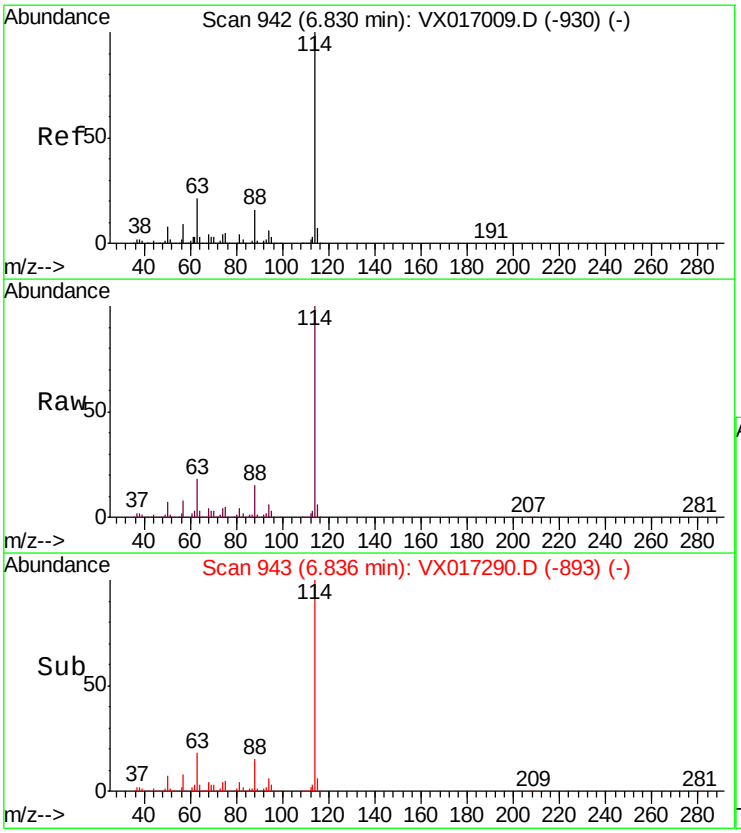
#33
1,2-Dichloroethane-d4
Concen: 54.520 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion: 65 Resp: 166208

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8

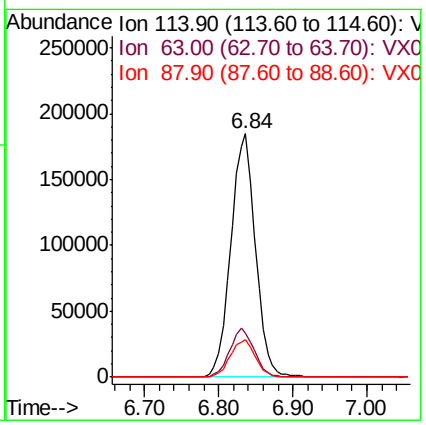


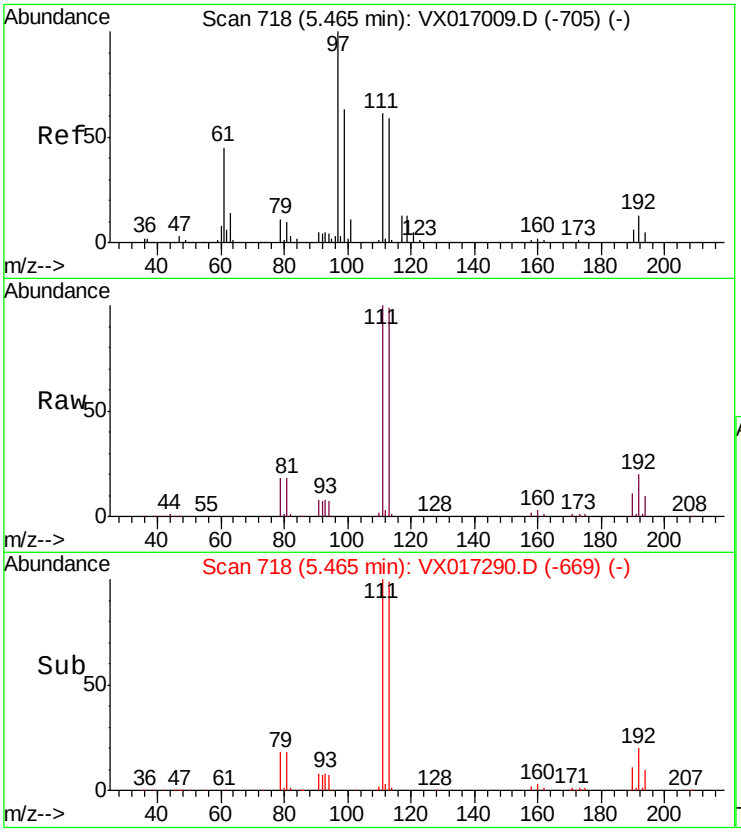


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion:114 Resp: 428715

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	41.4
88	15.2	0.0	32.4



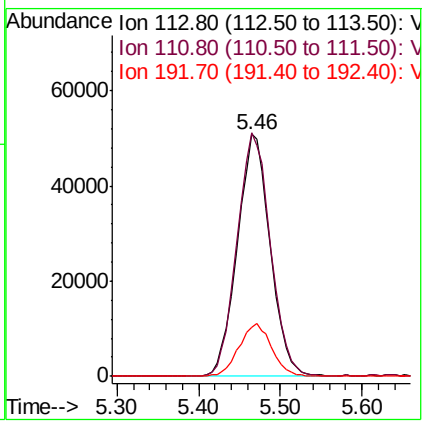


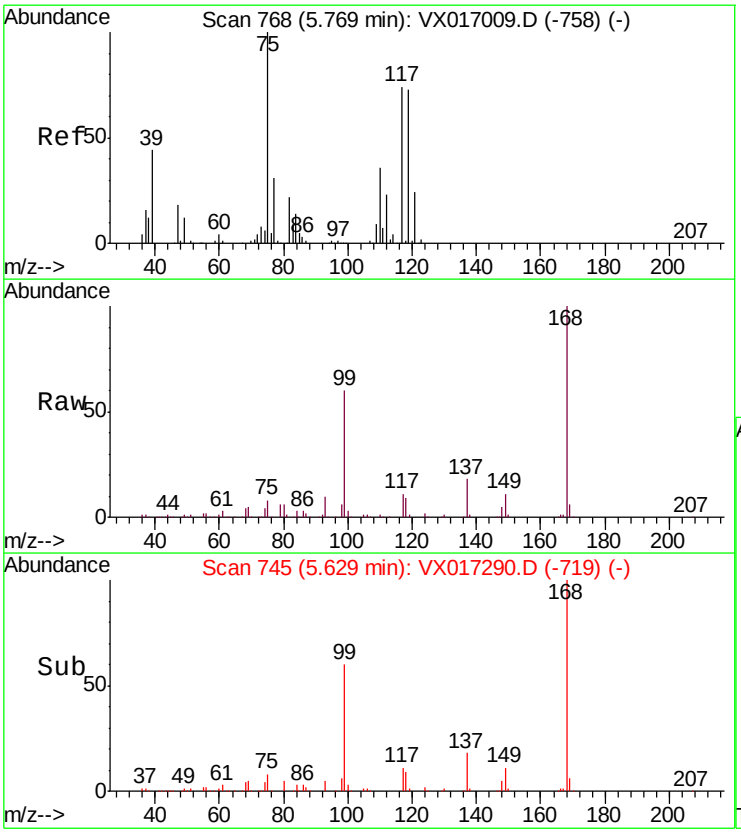
#35
Dibromofluoromethane
Concen: 52.532 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion:113 Resp: 142463

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	21.7	16.7	25.1

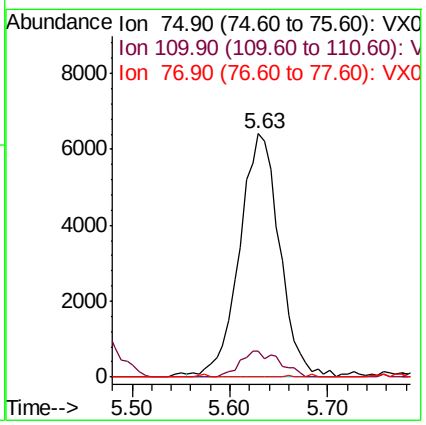


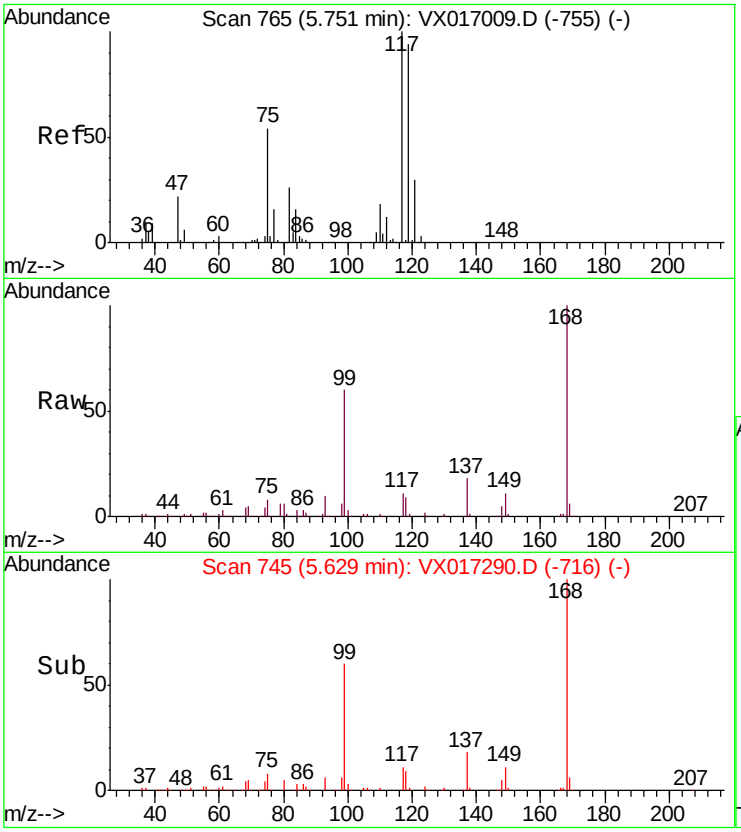


#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 75 Resp: 18192

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.0	24.6	37.0#



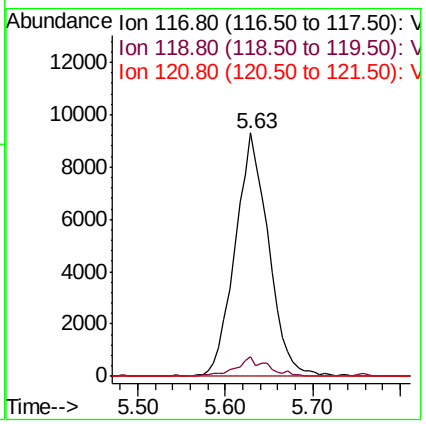


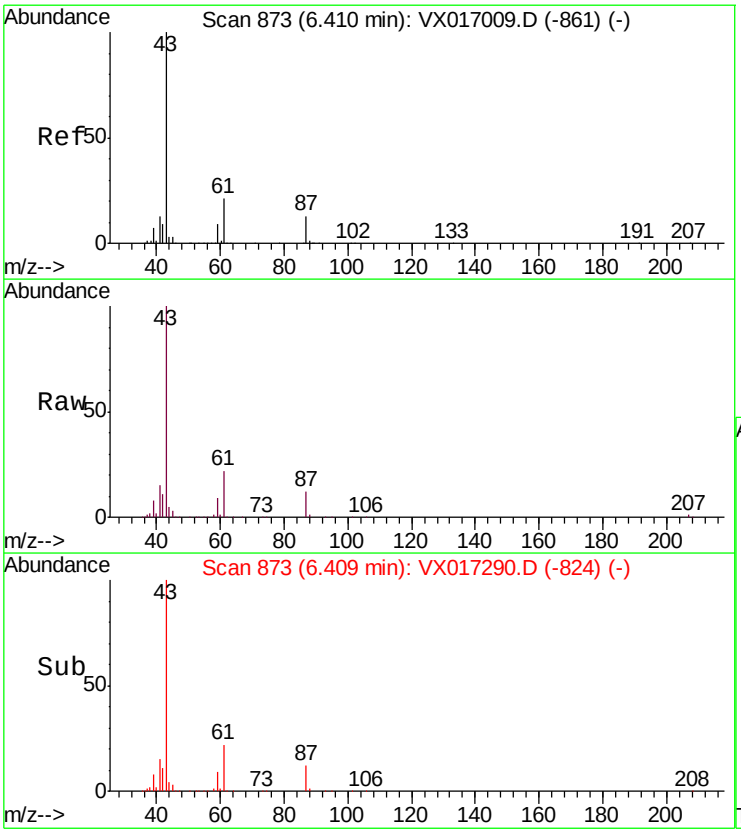
#38
Carbon Tetrachloride
Concen: 5.533 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion:117 Resp: 24691

Ion	Ratio	Lower	Upper
117	100		
119	8.0	75.4	113.0#
121	0.0	23.8	35.6#

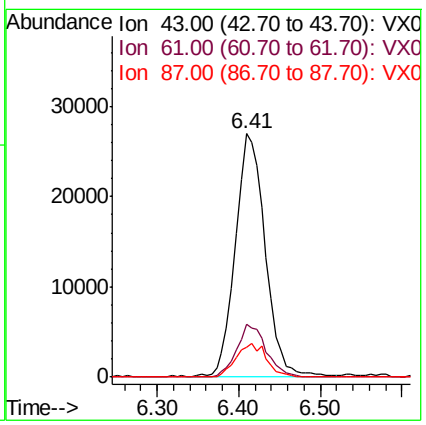


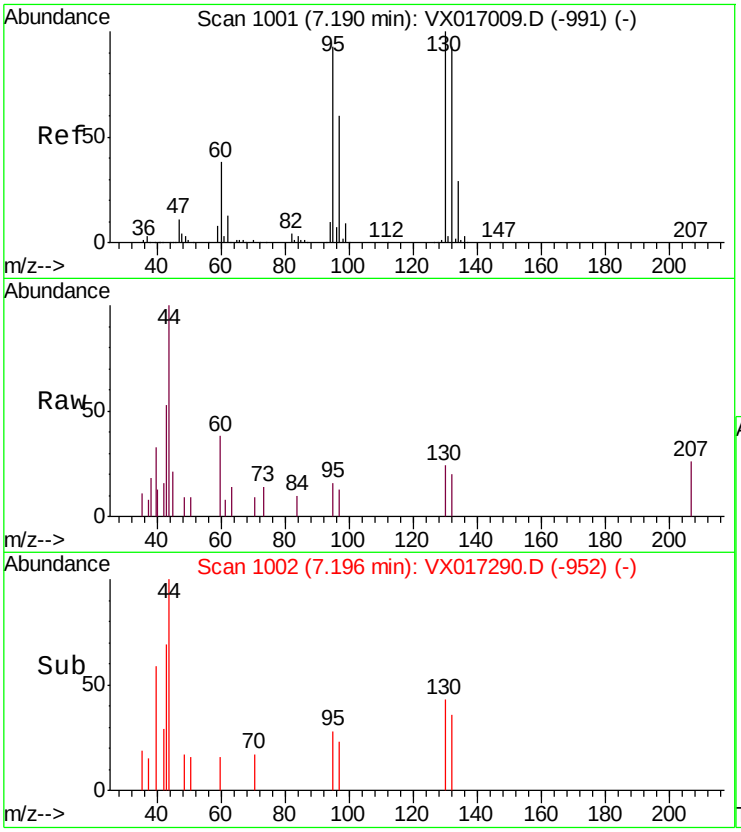


#43
Isopropyl Acetate
Concen: 9.929 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 43 Resp: 67828

Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.2	24.2
87	14.2	10.7	16.1



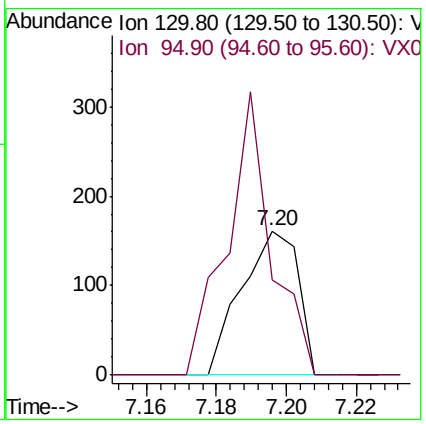


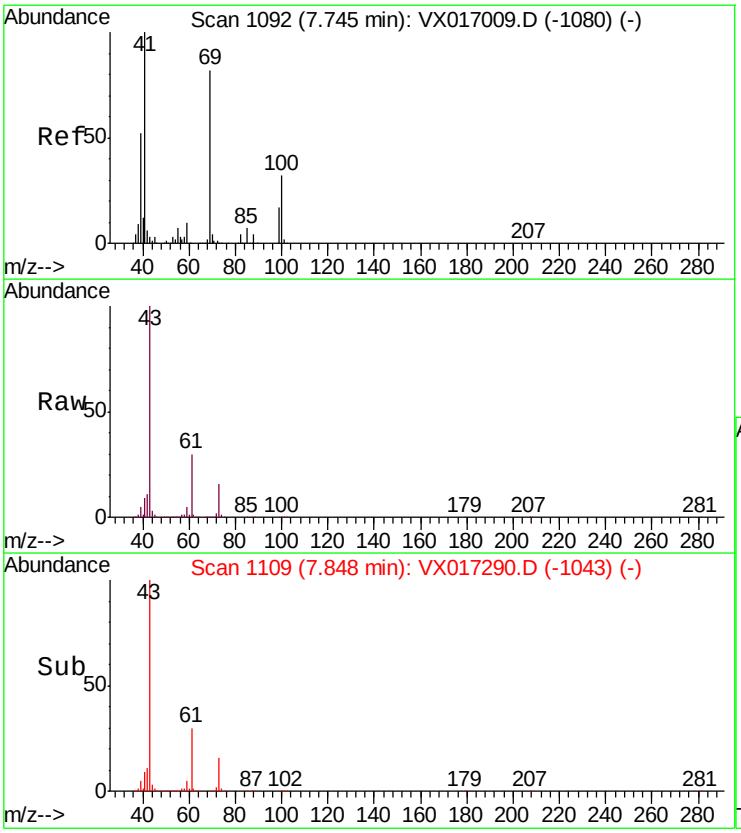
#44
Trichloroethene
Concen: Below Cal
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion:130 Resp: 181

Ion	Ratio	Lower	Upper
130	100		
95	65.8	0.0	185.0

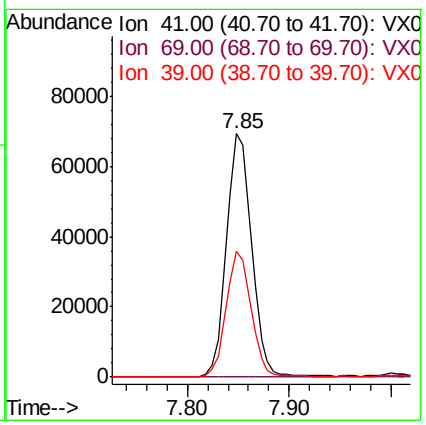


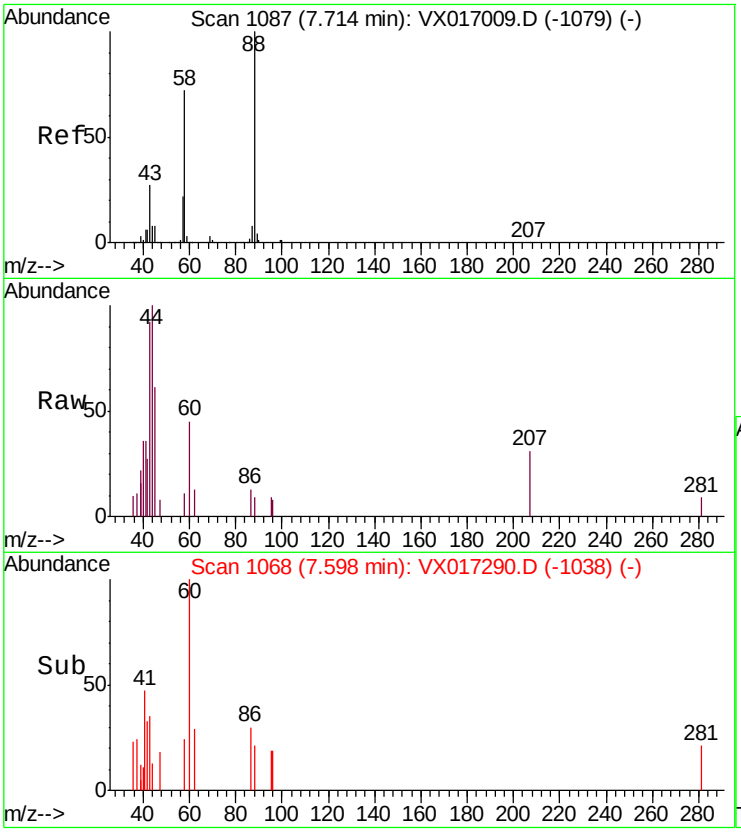


#48
Methyl methacrylate
Concen: 36.185 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 41 Resp: 117440

Ion	Ratio	Lower	Upper
41	100		
69	0.3	65.8	98.8#
39	52.0	42.5	63.7



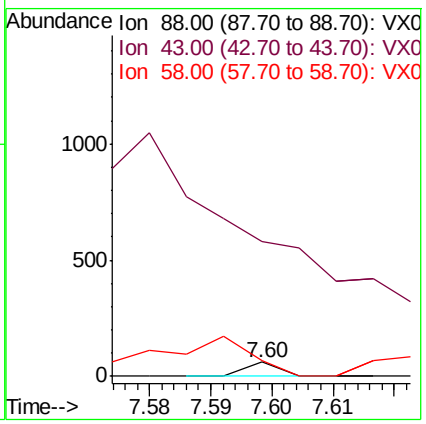


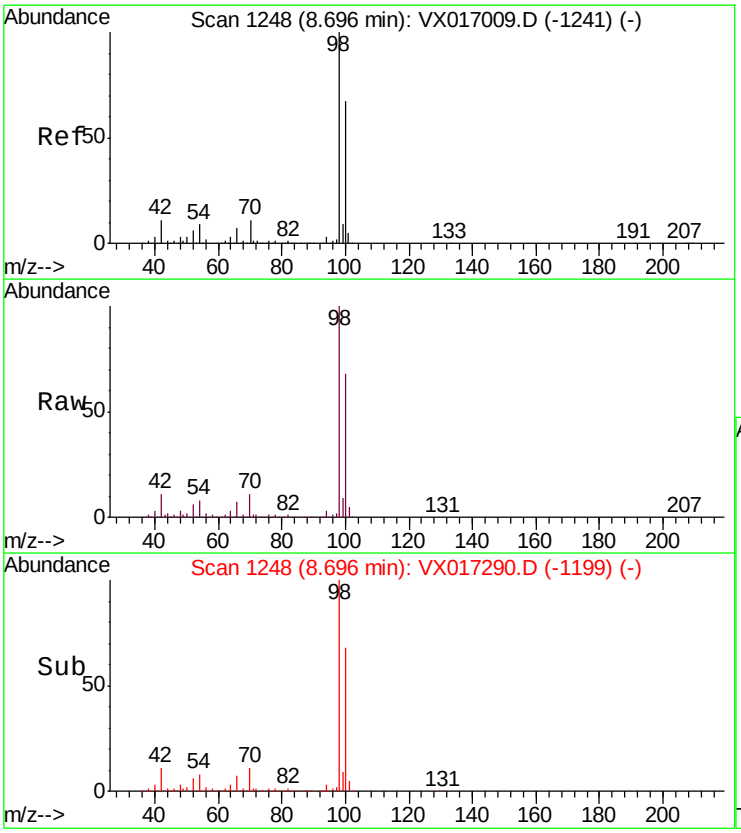
#49
1,4-Dioxane
Concen: 0.299 ug/l
RT: 7.60 min Scan# 1068
Delta R.T. -0.12 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 88 Resp: 22

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

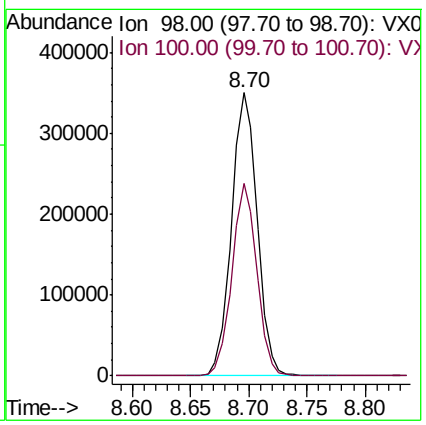


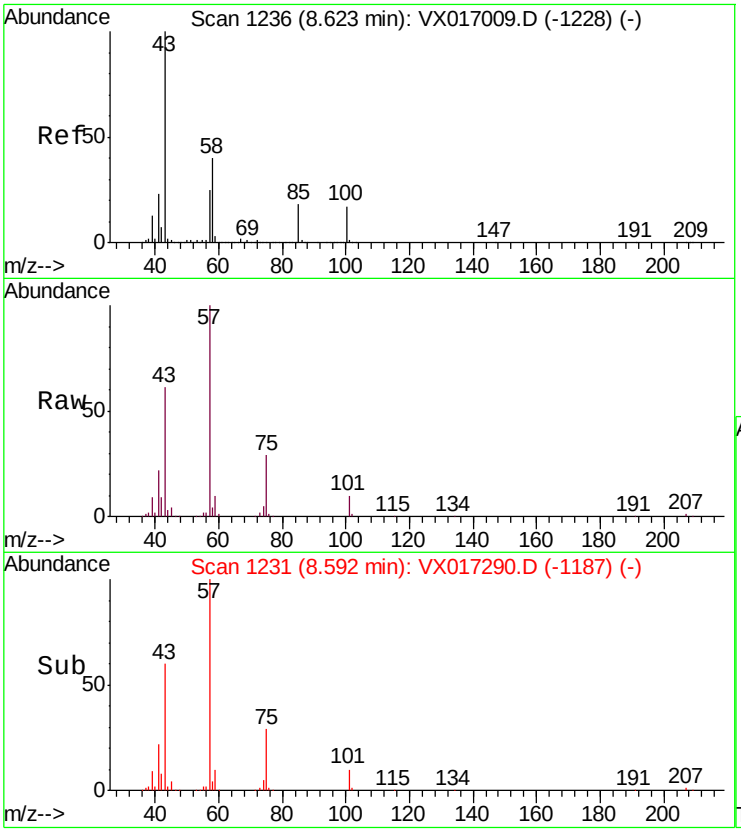


#50
Toluene-d8
Concen: 53.790 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 98 Resp: 539410

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.8	80.6



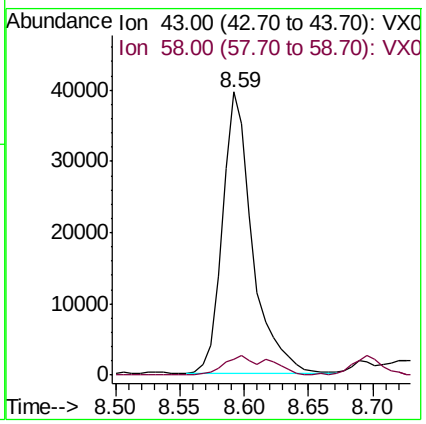


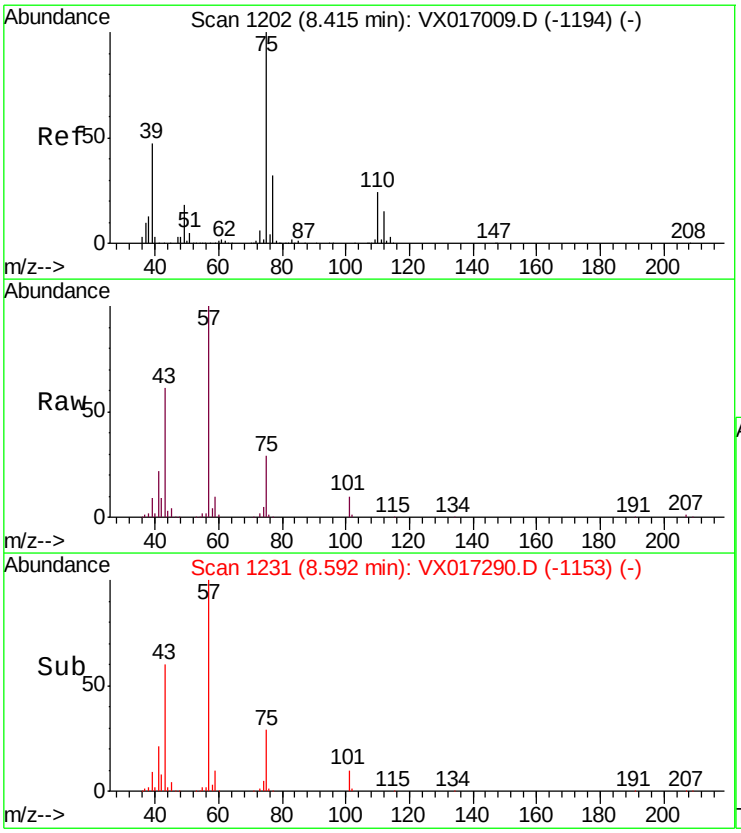
#51
4-Methyl-2-Pentanone
Concen: 15.837 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 43 Resp: 64491

Ion	Ratio	Lower	Upper
43	100		
58	7.0	31.9	47.9#

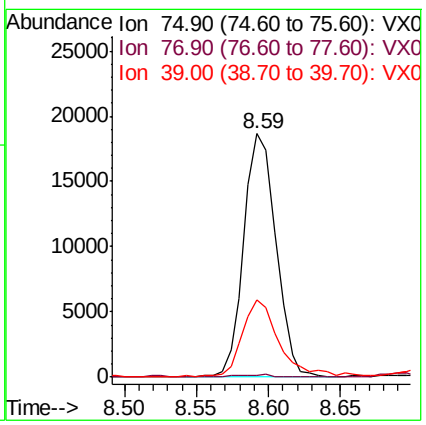


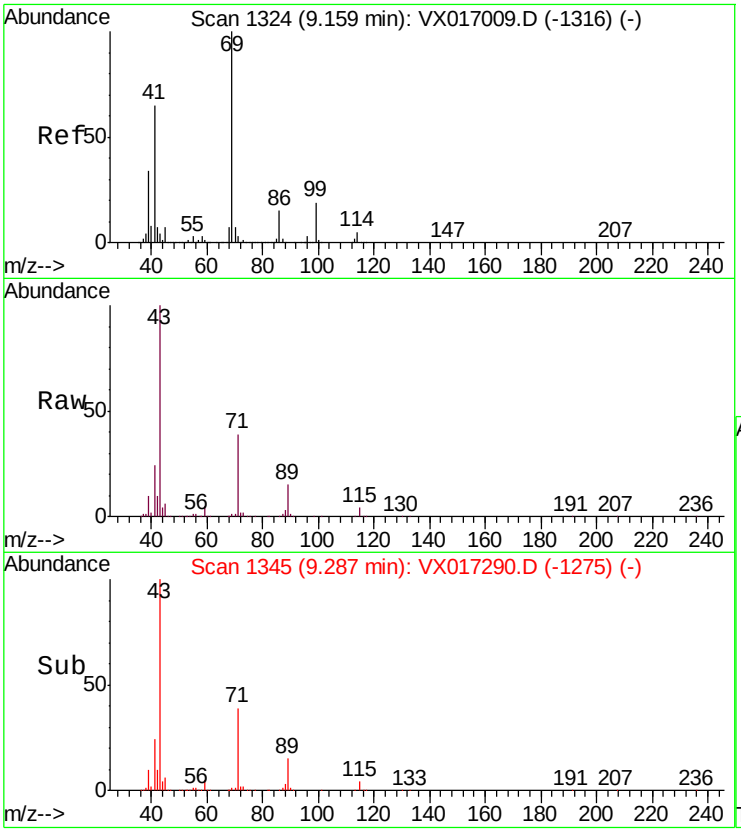


#54
cis-1,3-Dichloropropene
Concen: 5.661 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 75 Resp: 28807

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.2	37.8#
39	30.9	37.4	56.2#



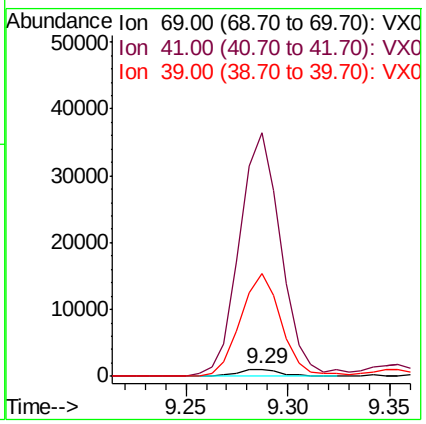


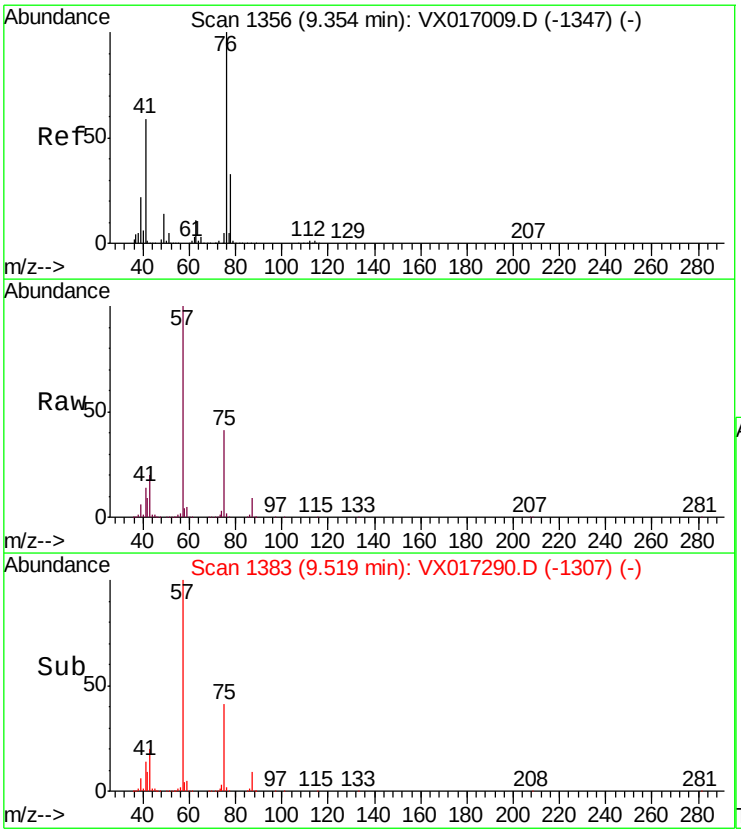
#56
Ethyl methacrylate
Concen: 0.392 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion: 69 Resp: 1695

Ion	Ratio	Lower	Upper
69	100		
41	3045.3	53.6	80.4#
39	1281.8	28.2	42.2#

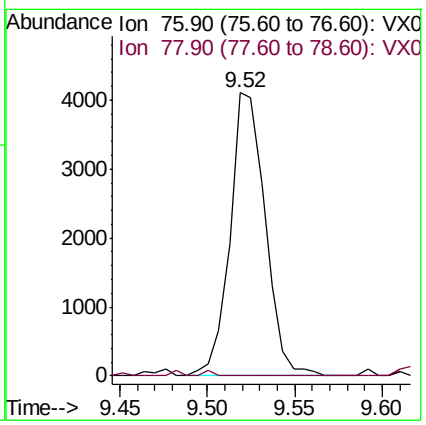


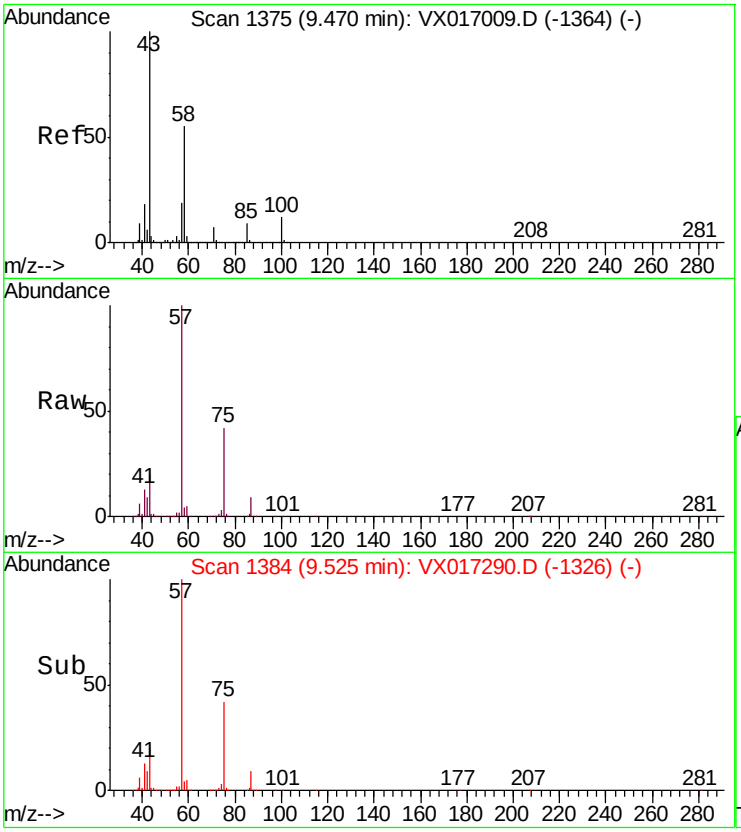


#57
1,3-Dichloropropane
Concen: 1.117 ug/l
RT: 9.52 min Scan# 1383
Delta R.T. 0.16 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 76 Resp: 5741

Ion	Ratio	Lower	Upper
76	100		
78	0.5	25.9	38.9#



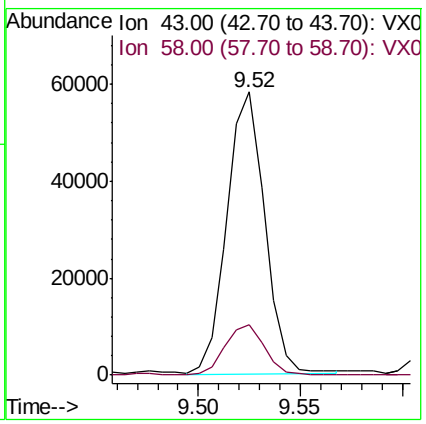


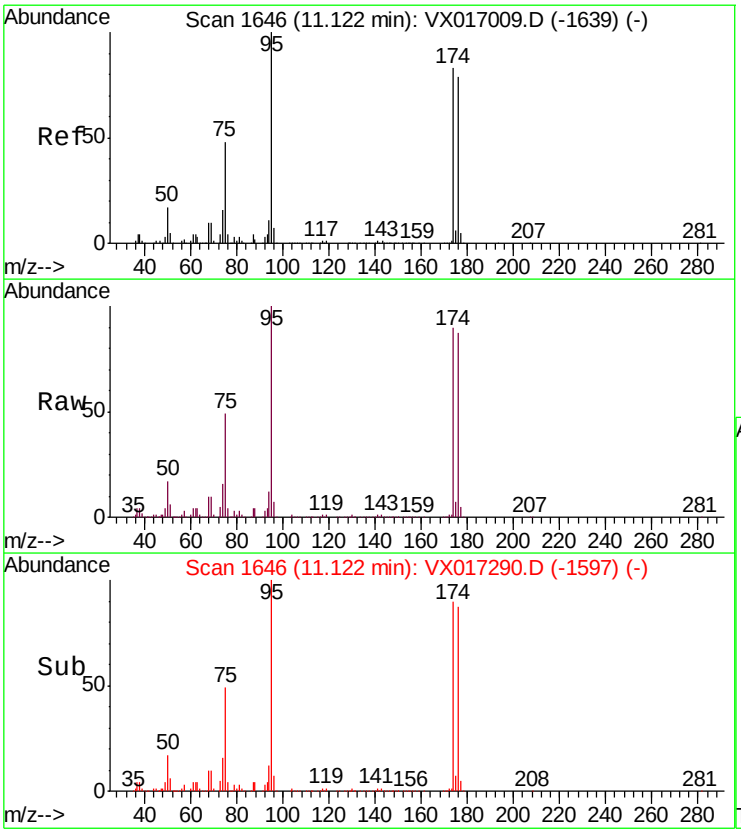
#59
2-Hexanone
Concen: 25.208 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 43 Resp: 74971

Ion	Ratio	Lower	Upper
43	100		
58	18.5	27.9	83.6#

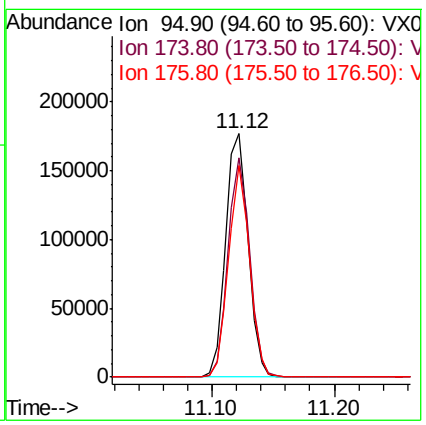


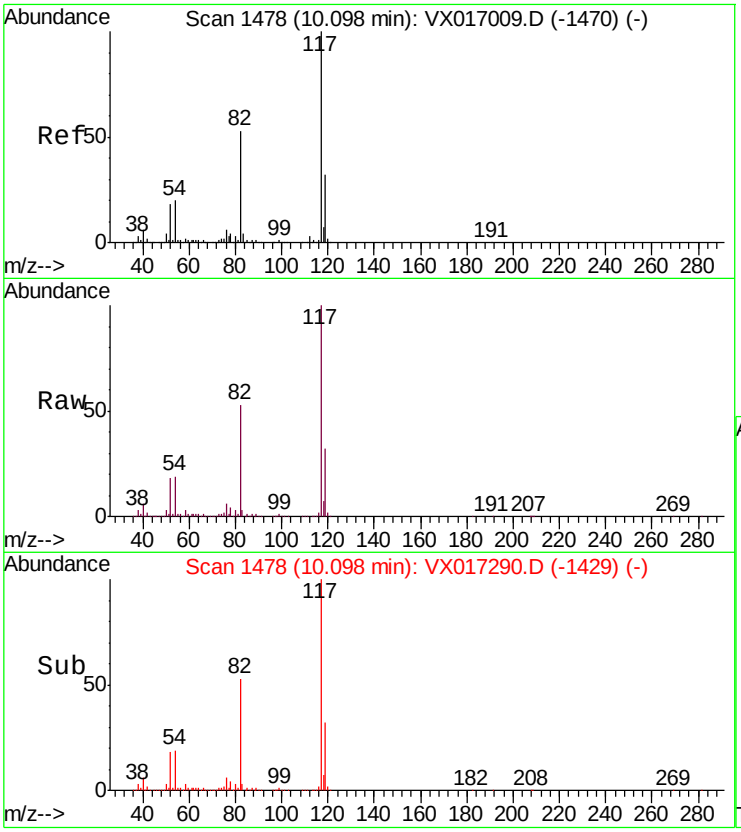


#62
4-Bromofluorobenzene
Concen: 57.015 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 95 Resp: 223504

Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	164.0
176	81.4	0.0	157.6



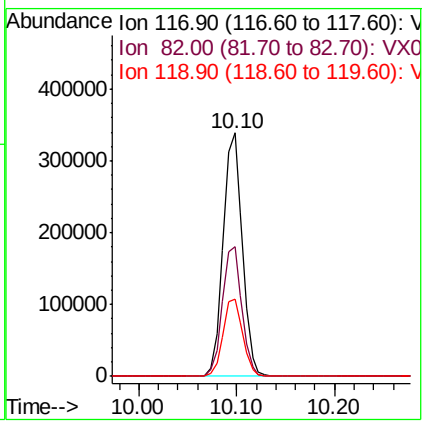


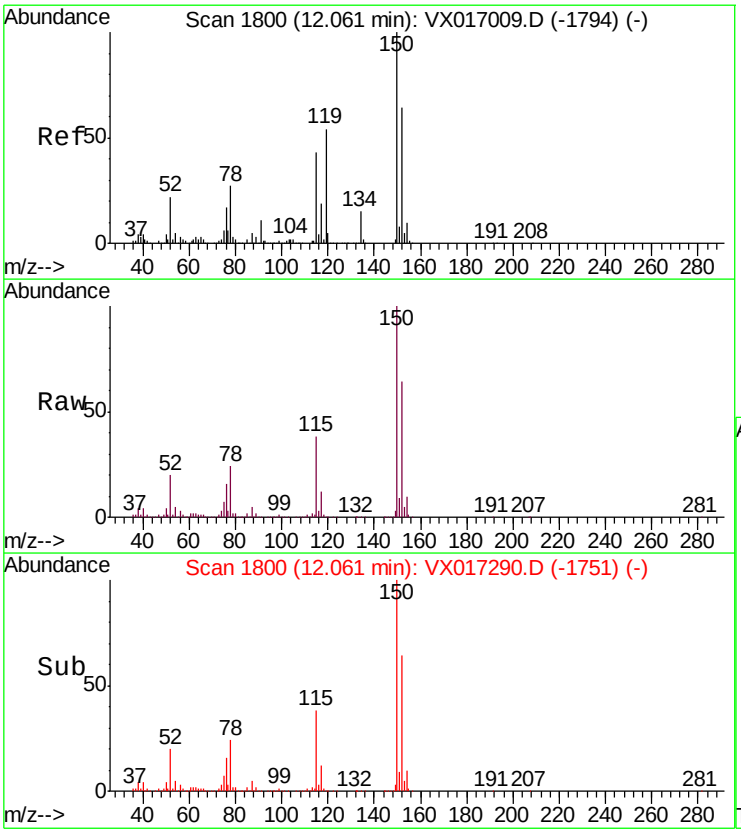
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument : MSVOA_X
ClientSampleId : PB130015ZHE#05

Tgt Ion:117 Resp: 462686

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.6	63.8
119	31.8	25.4	38.2

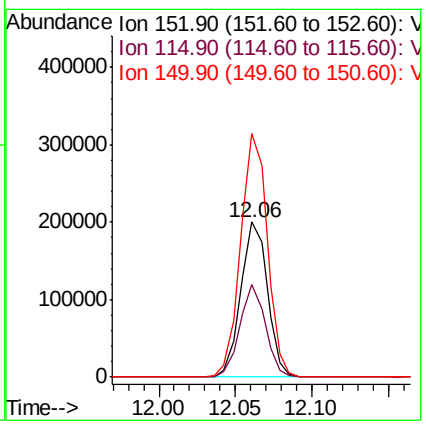


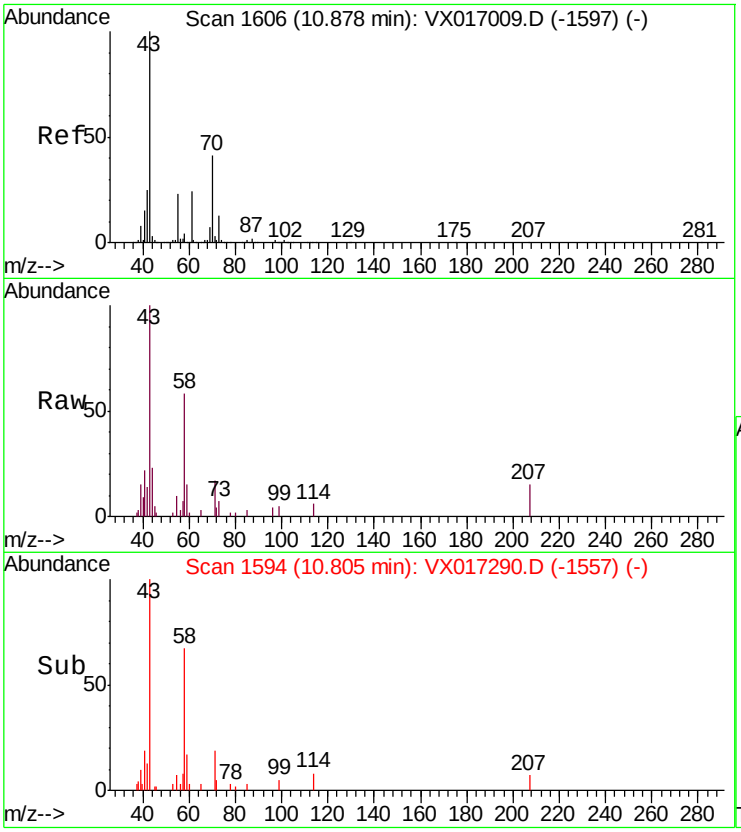


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion:152 Resp: 243124

Ion	Ratio	Lower	Upper
152	100		
115	56.9	40.9	122.7
150	156.4	0.0	351.6



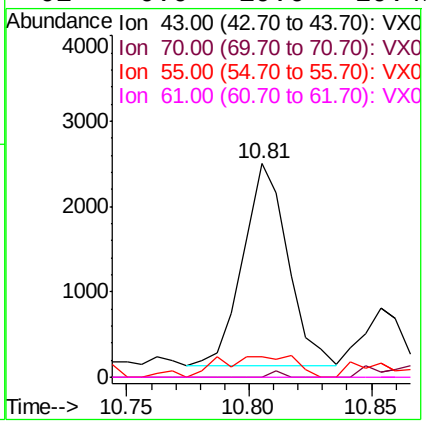


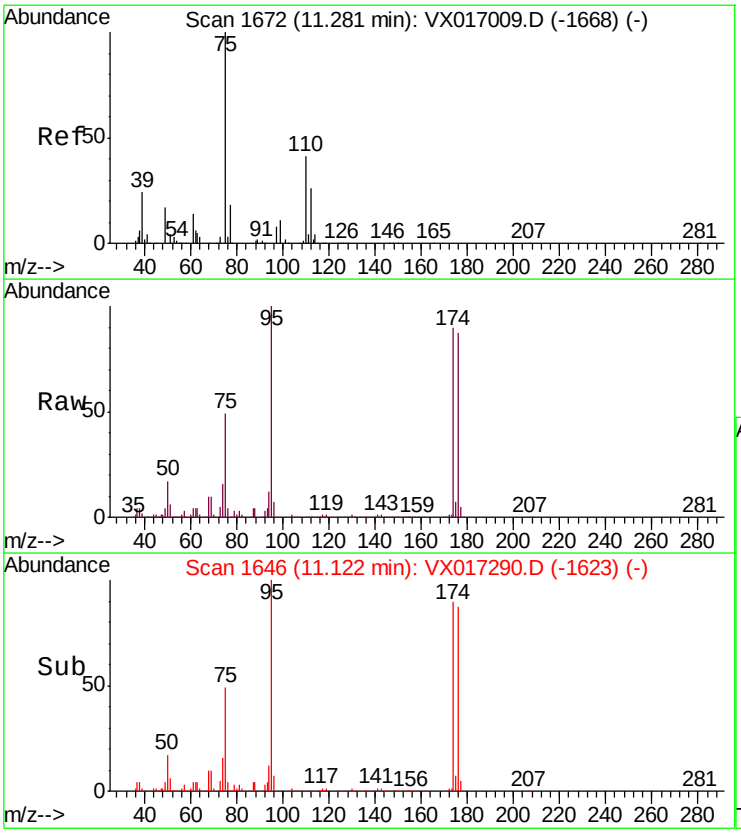
#74
N-amyl acetate
Concen: 0.446 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion: 43 Resp: 3028

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	19.1	19.2	28.8#
61	0.0	19.6	29.4#

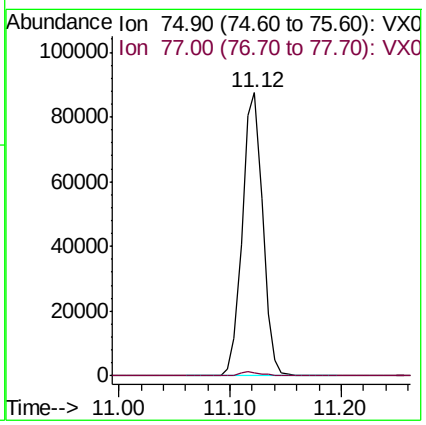


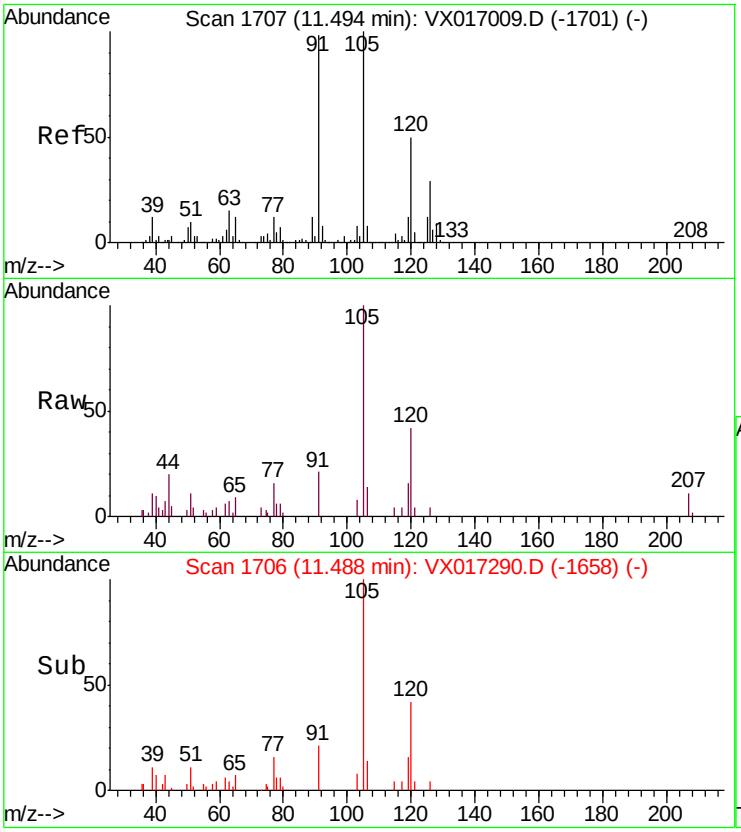


#76
1,2,3-Trichloropropane
Concen: 23.233 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 75 Resp: 111073

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.2	60.6#



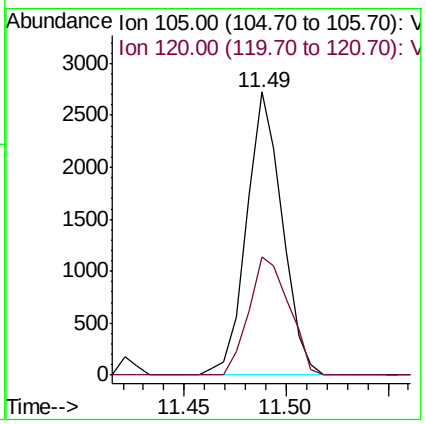


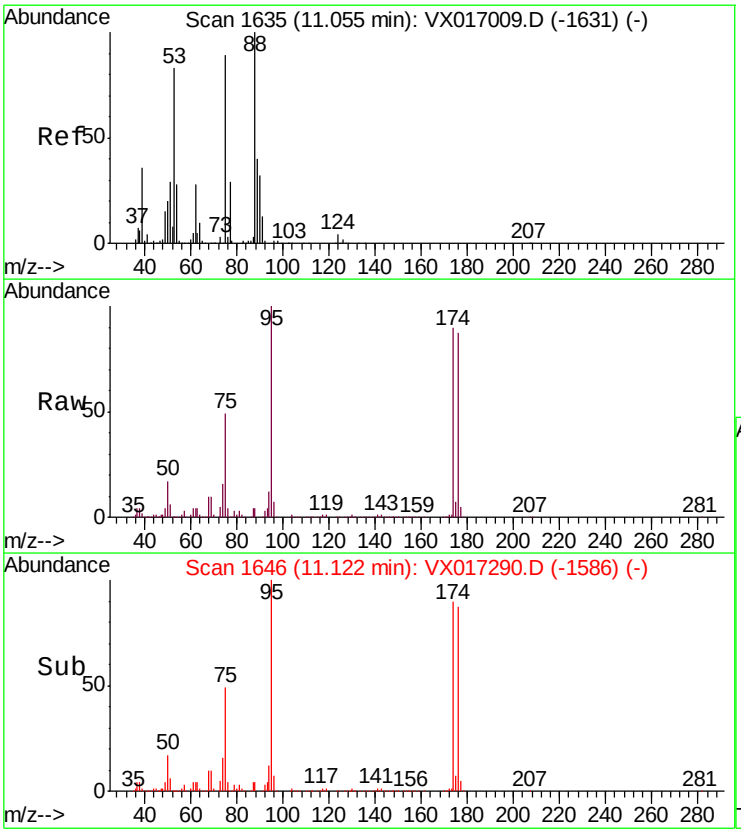
#80
1,3,5-Trimethylbenzene
Concen: 0.251 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion:105 Resp: 3317

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.9	74.6

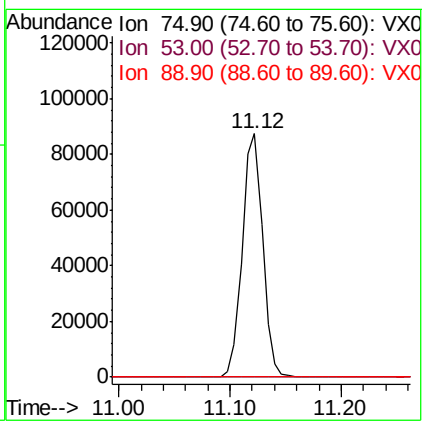


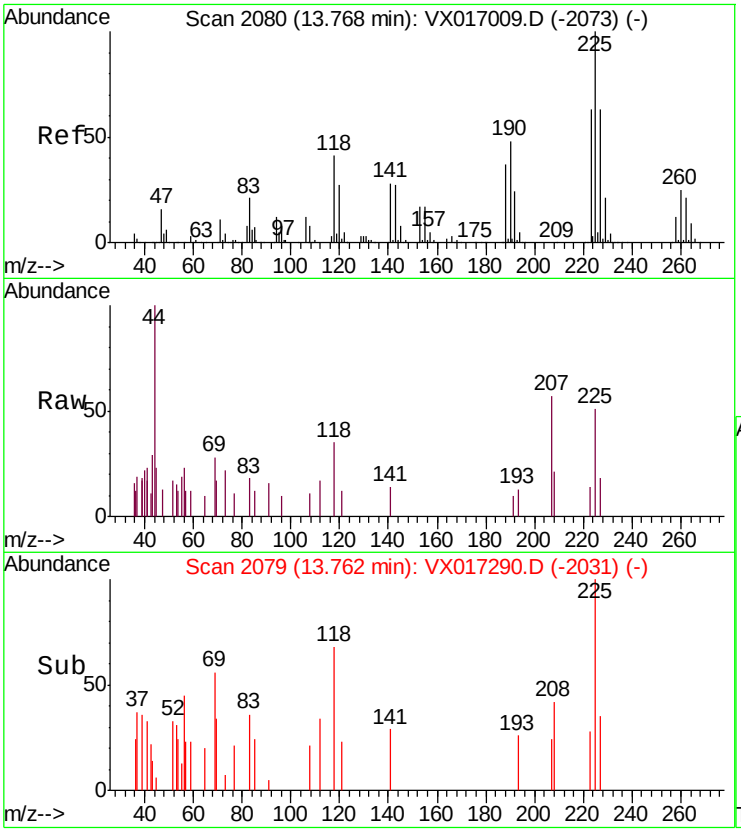


#81
trans-1,4-Dichloro-2-butene
Concen: 60.164 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Tgt Ion: 75 Resp: 111073

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





#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017290.D
Acq: 09 Jul 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
PB130015ZHE#05

Tgt Ion:225 Resp: 173

Ion	Ratio	Lower	Upper
225	100		
223	69.9	32.5	97.5
227	80.3	33.1	99.2