Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010384.D
Acq On : 21 Jun 2019 15:01
Operator : JC/SP
Sample : K3473-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Time: Jun 21 23:11:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	292677	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	447417	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	399154	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182190	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	136948	49.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.82%				
35) Dibromofluoromethane	5.50	113	137724	50.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.62%				
50) Toluene-d8	8.71	98	522833	49.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.84%				
62) 4-Bromofluorobenzene	11.13	95	174689	46.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.40%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	660	0.279	ug/l		97
4) Vinyl Chloride	1.41	62	3509	1.352	ug/l	#	83
5) Bromomethane	1.65	94	481	0.380	ug/l	#	70
6) Chloroethane	1.73	64	2373	1.550	ug/l		94
10) Methyl Iodide	2.51	142	920	0.259	ug/l		92
11) Tert butyl alcohol	3.02	59	2362	3.289	ug/l	#	86
12) 1,1-Dichloroethene	2.37	96	46506	18.332	ug/l		99
13) Acrolein	2.28	56	113	0.237	ug/l	#	1
16) Acetone	2.44	43	3132	2.277	ug/l		92
24) 1,1-Dichloroethane	3.70	63	74258	17.060	ug/l		99
25) 2-Butanone	4.69	43	487	0.241	ug/l		93
27) cis-1,2-Dichloroethene	4.60	96	8551	2.712	ug/l		90
29) Tetrahydrofuran	5.15	42	1547	1.238	ug/l		99
32) 1,1,1-Trichloroethane	5.50	97	12239	2.960	ug/l		94
36) 1,1-Dichloropropene	5.66	75	17923	5.041	ug/l	#	47
38) Carbon Tetrachloride	5.66	117	25734	6.684	ug/l	#	15
39) Methylcyclohexane	7.46	83	2580	0.552	ug/l		96
42) 1,2-Dichloroethane	6.20	62	3587	1.064	ug/l		90
44) Trichloroethene	7.22	130	1713	0.517	ug/l		98
49) 1,4-Dioxane	7.74	88	10708	132.147	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	81750	24.624	ug/l	#	34
78) n-propylbenzene	11.36	91	4667	0.344	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.13	75	81750	57.444	ug/l	#	21
83) tert-Butylbenzene	11.77	119	2404	0.235	ug/l		87
84) 1,2,4-Trimethylbenzene	11.80	105	2274	0.222	ug/l		94
85) sec-Butylbenzene	11.94	105	5497	0.458	ug/l		100
86) p-Isopropyltoluene	12.23	119	4153	0.374	ug/l		91
89) n-Butylbenzene	12.38	91	4077	0.432	ug/l	#	64

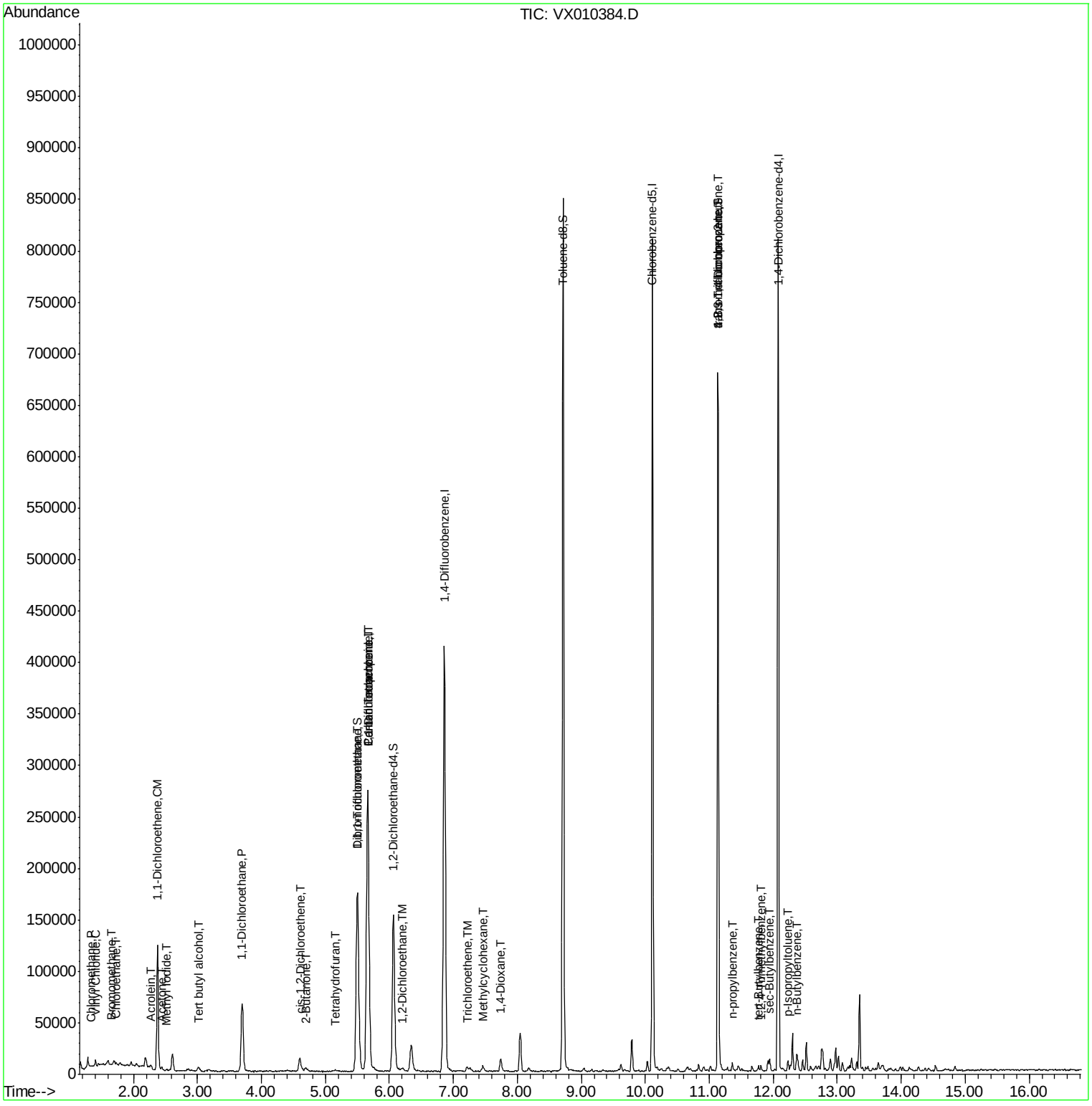
(#) = qualifier out of range (m) = manual integration (+) = signals summed

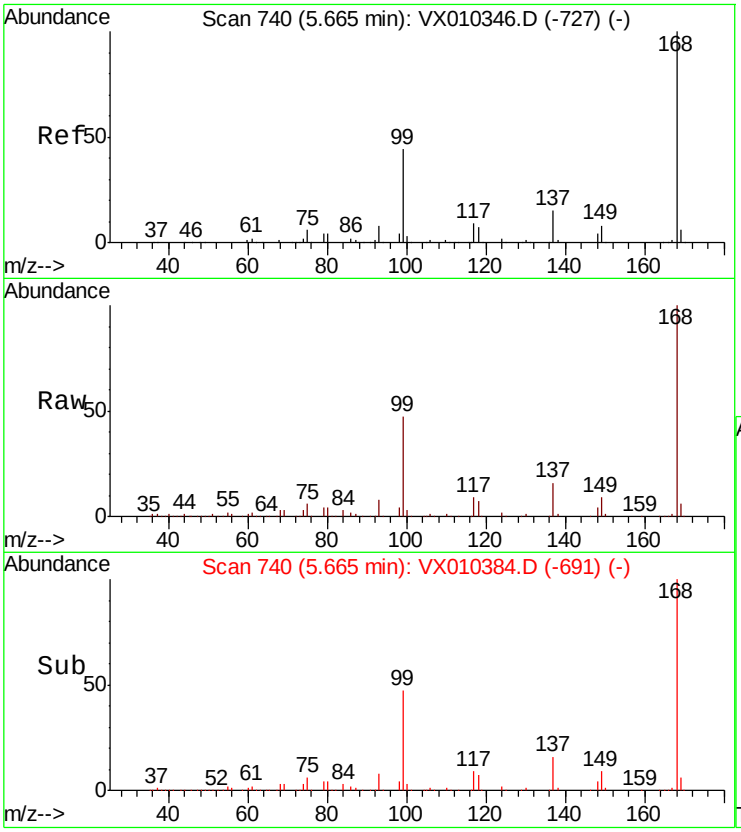
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010384.D
Acq On : 21 Jun 2019 15:01
Operator : JC/SP
Sample : K3473-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Jun 21 23:11:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



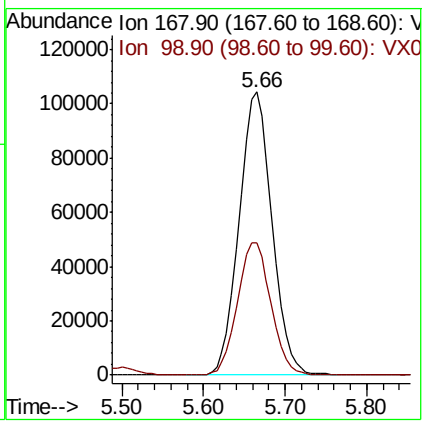


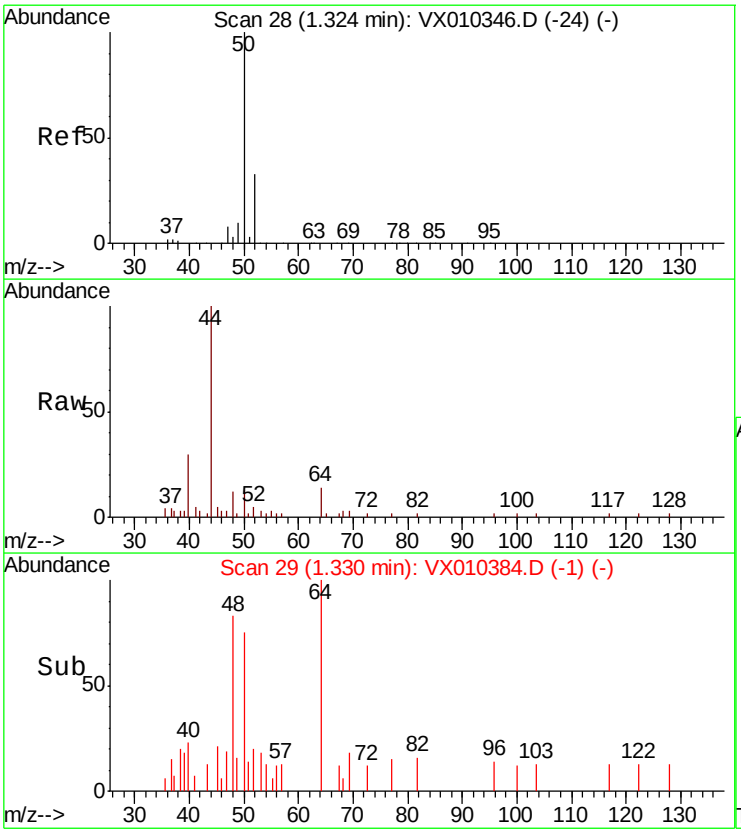
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 292677

Ion	Ratio	Lower	Upper
168	100		
99	46.9	35.5	53.3

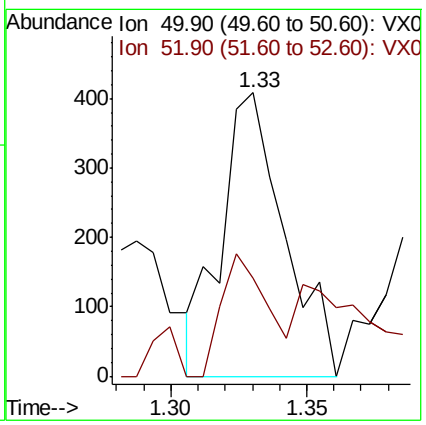


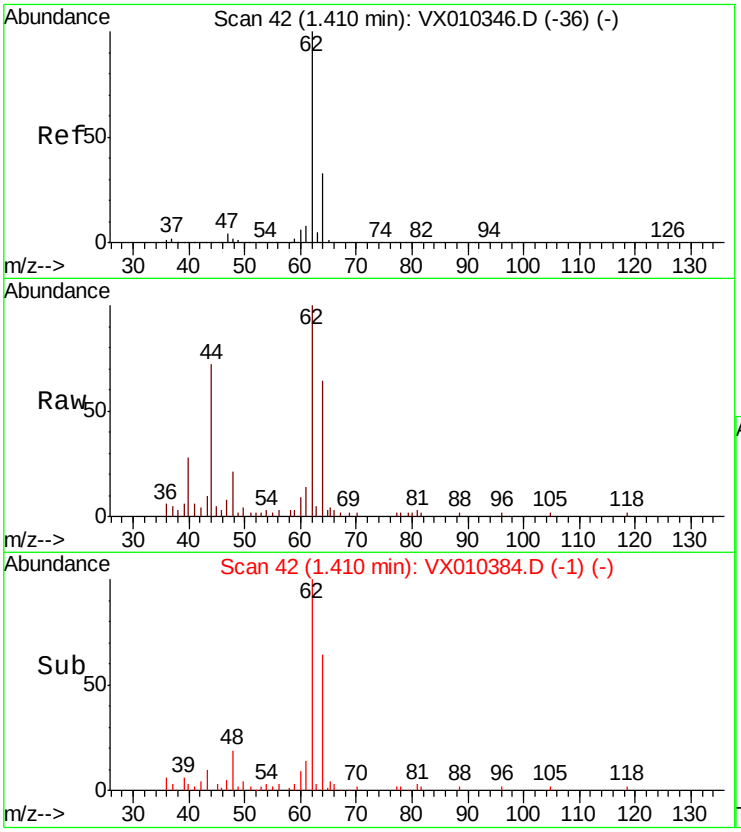


#3
Chloromethane
Concen: 0.279 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 50 Resp: 660

Ion	Ratio	Lower	Upper
50	100		
52	34.8	26.5	39.7



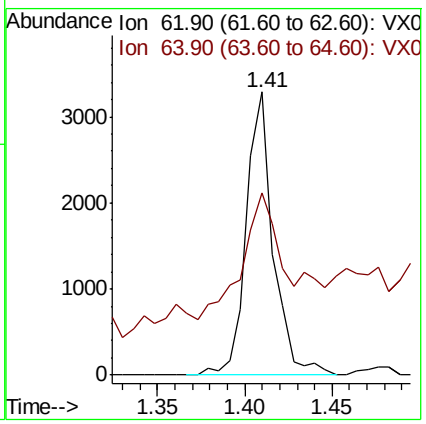


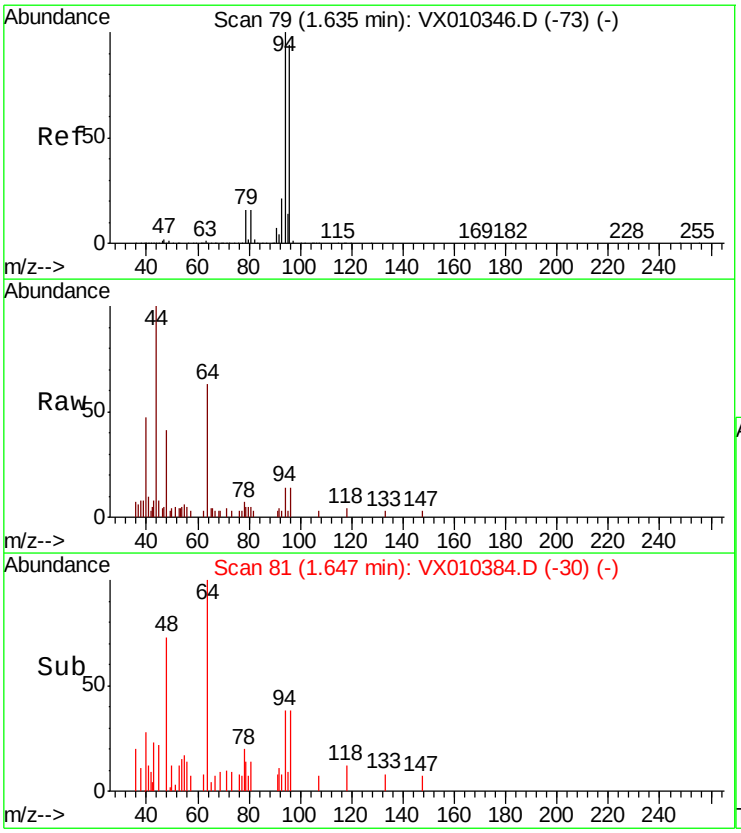
#4
Vinyl Chloride
Concen: 1.352 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion: 62 Resp: 3509

Ion	Ratio	Lower	Upper
62	100		
64	42.3	26.2	39.4#

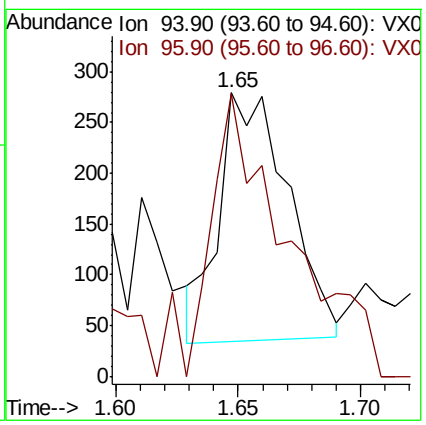


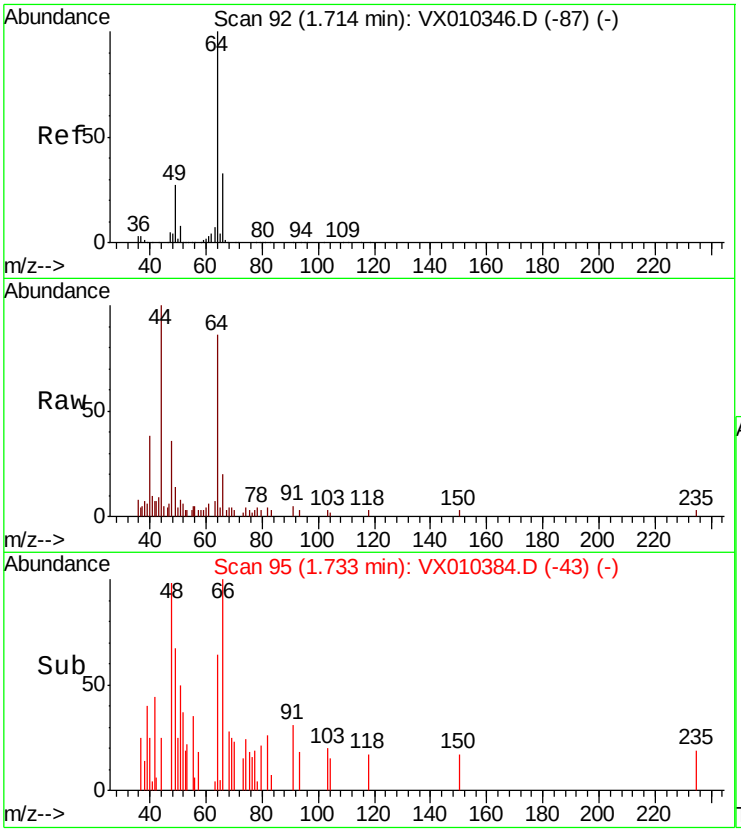


#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 94 Resp: 481

Ion	Ratio	Lower	Upper
94	100		
96	123.0	75.5	113.3#



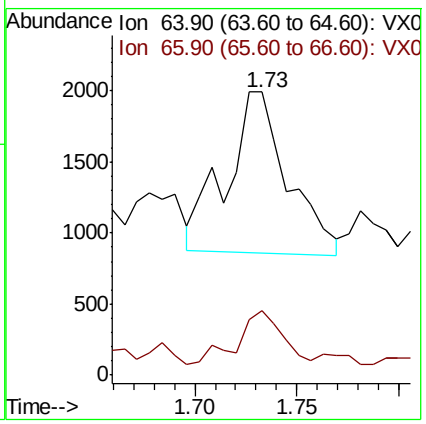


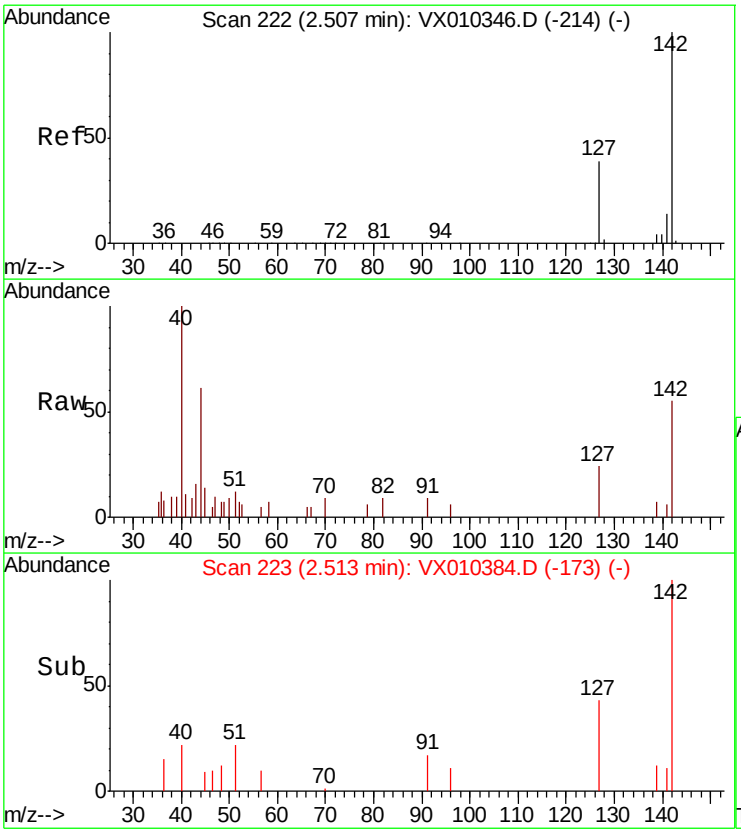
#6
Chloroethane
Concen: 1.550 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 64 Resp: 2373

Ion	Ratio	Lower	Upper
64	100		
66	36.9	26.6	40.0

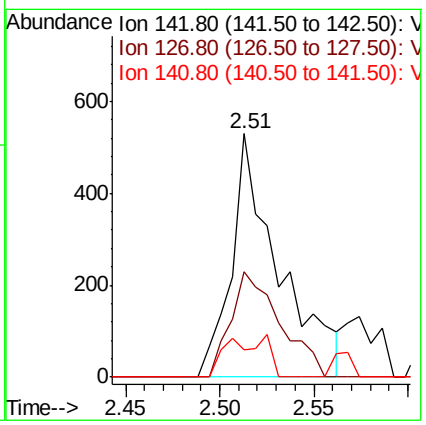


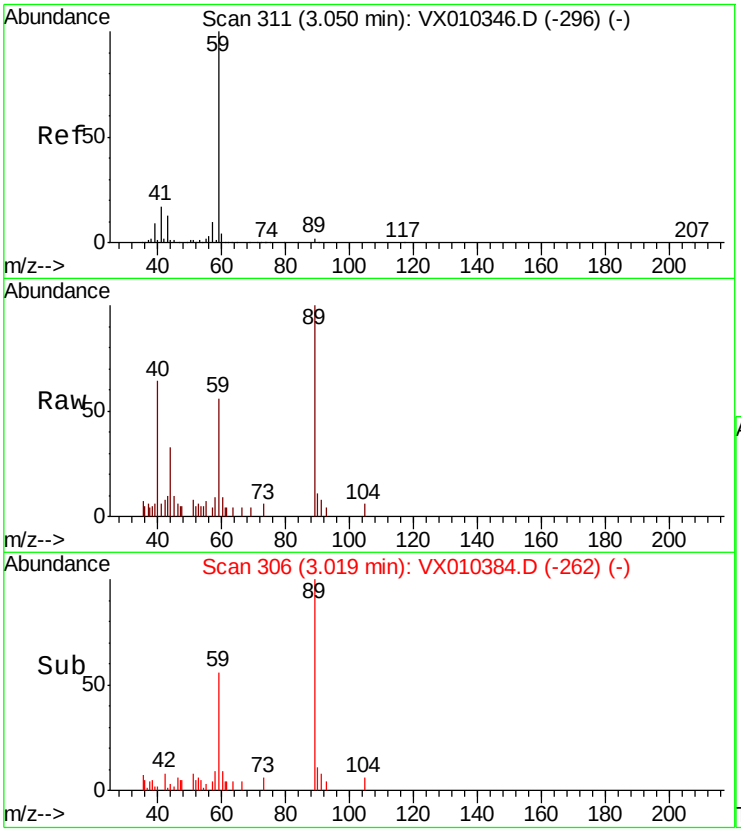


#10
Methyl Iodide
Concen: 0.259 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:142 Resp: 920

Ion	Ratio	Lower	Upper
142	100		
127	45.3	31.1	46.7
141	14.2	11.2	16.8



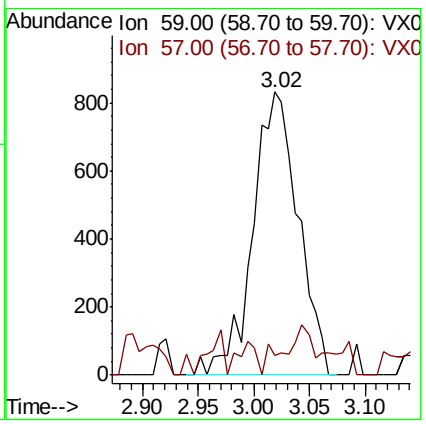


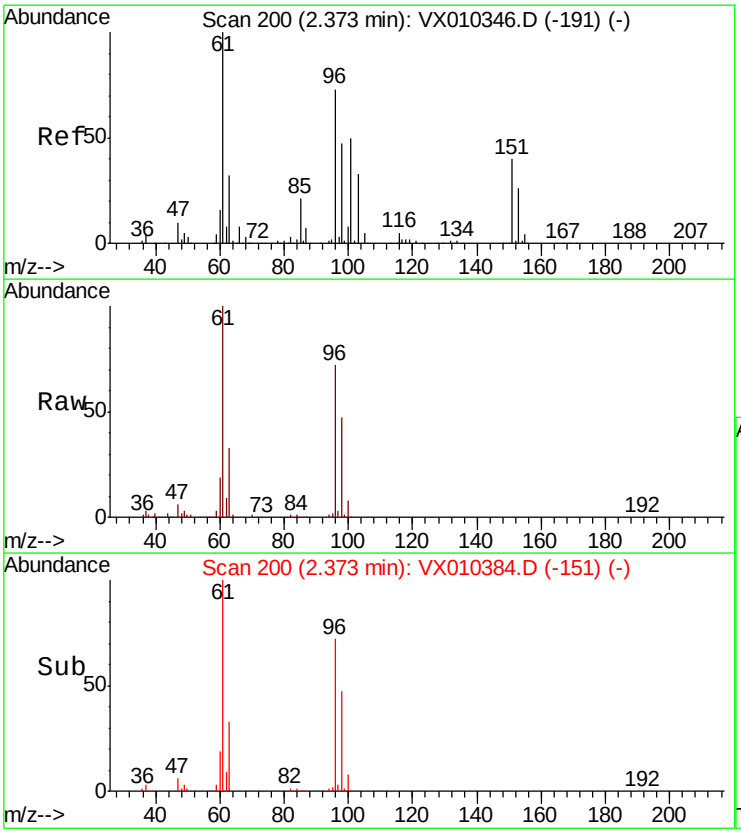
#11
Tert butyl alcohol
Concen: 3.289 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion: 59 Resp: 2362

Ion	Ratio	Lower	Upper
59	100		
57	4.3	7.7	11.5#

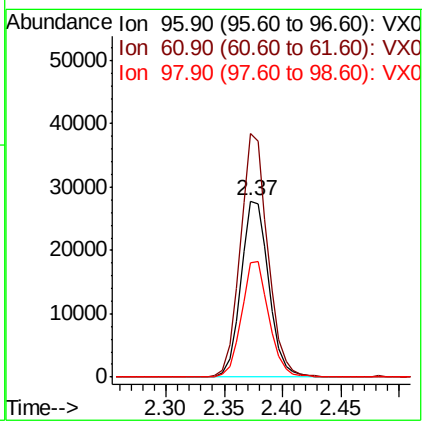


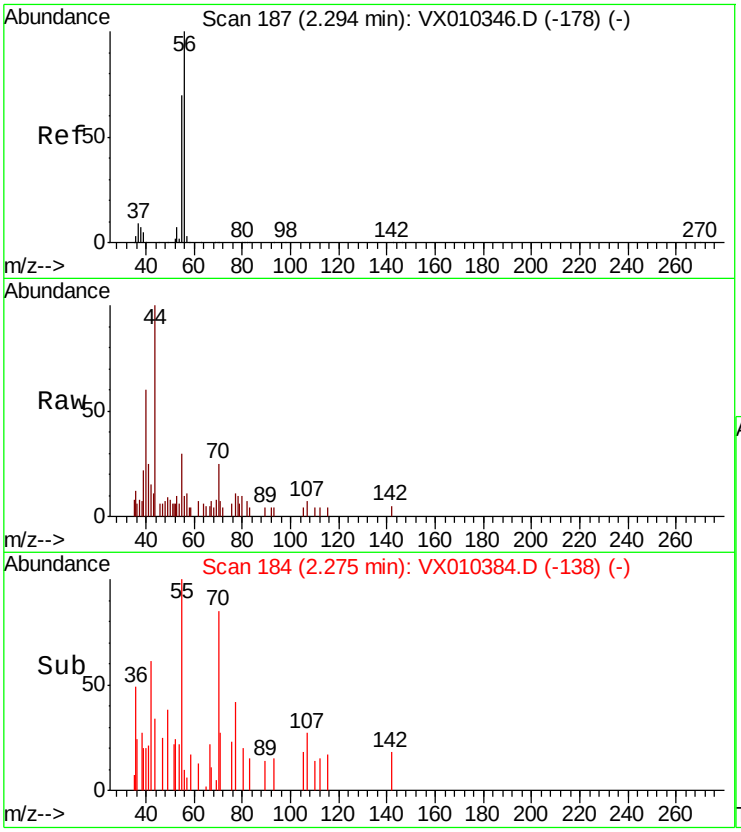


#12
1,1-Dichloroethene
Concen: 18.332 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 96 Resp: 46506

Ion	Ratio	Lower	Upper
96	100		
61	138.5	109.2	163.8
98	64.7	51.1	76.7



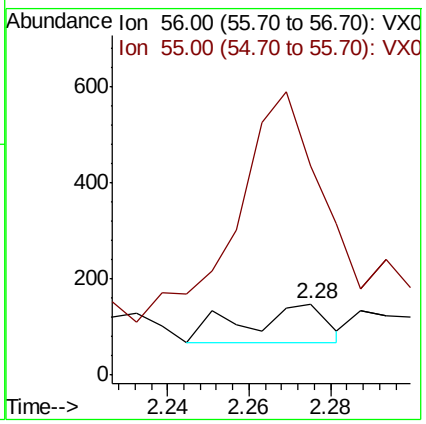


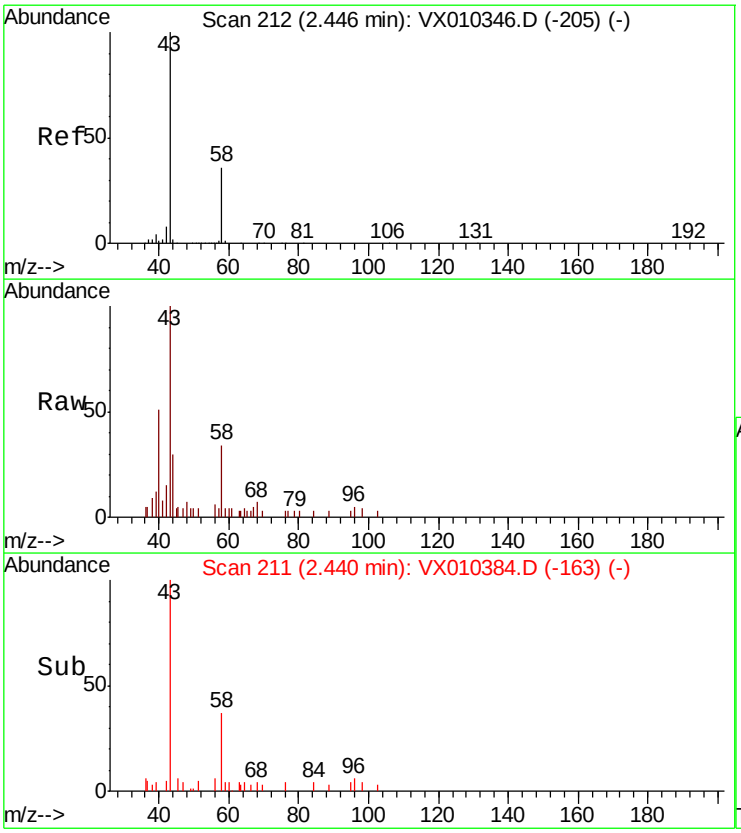
#13
Acrolein
Concen: 0.237 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 56 Resp: 113

Ion	Ratio	Lower	Upper
56	100		
55	946.9	56.9	85.3#

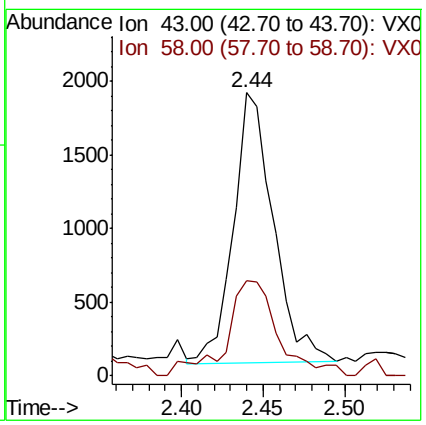


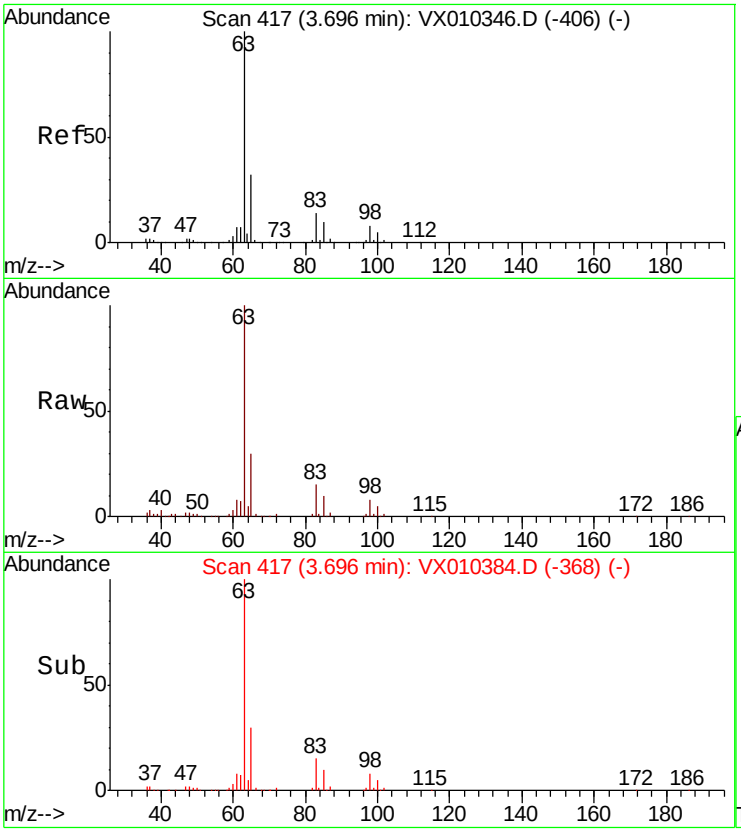


#16
Acetone
Concen: 2.277 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 43 Resp: 3132

Ion	Ratio	Lower	Upper
43	100		
58	31.6	28.9	43.3



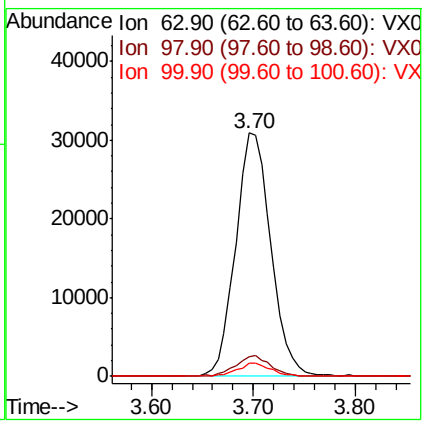


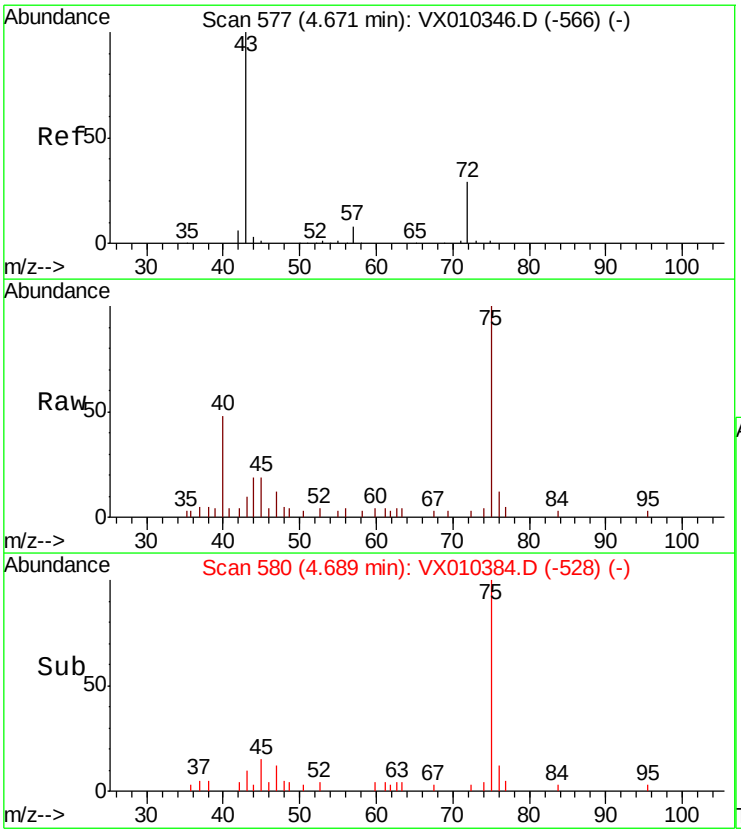
#24
1,1-Dichloroethane
Concen: 17.060 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 63 Resp: 74258

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.9	11.7
100	5.2	2.4	7.1

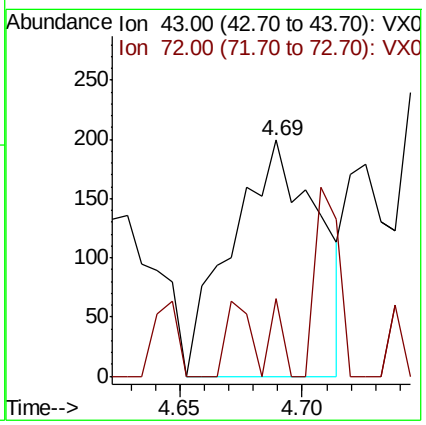


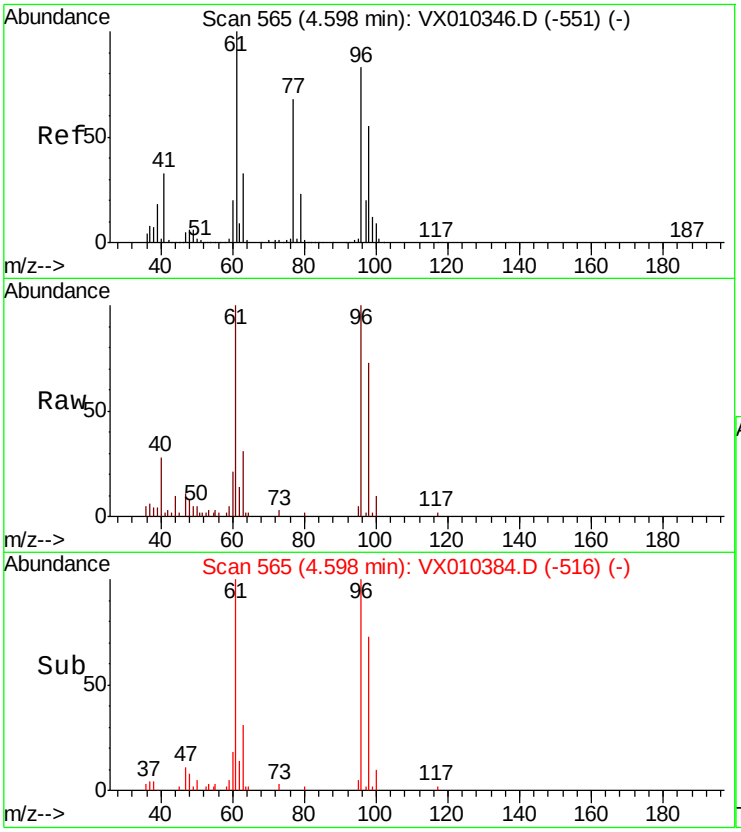


#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 43 Resp: 487

Ion	Ratio	Lower	Upper
43	100		
72	32.7	23.3	34.9



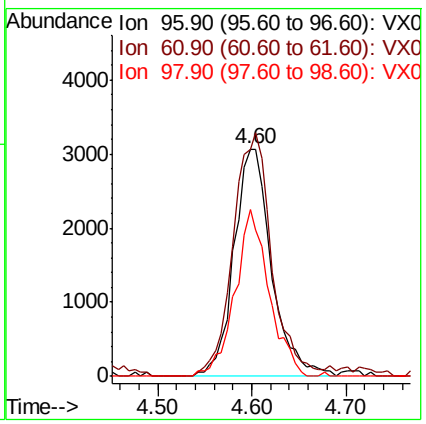


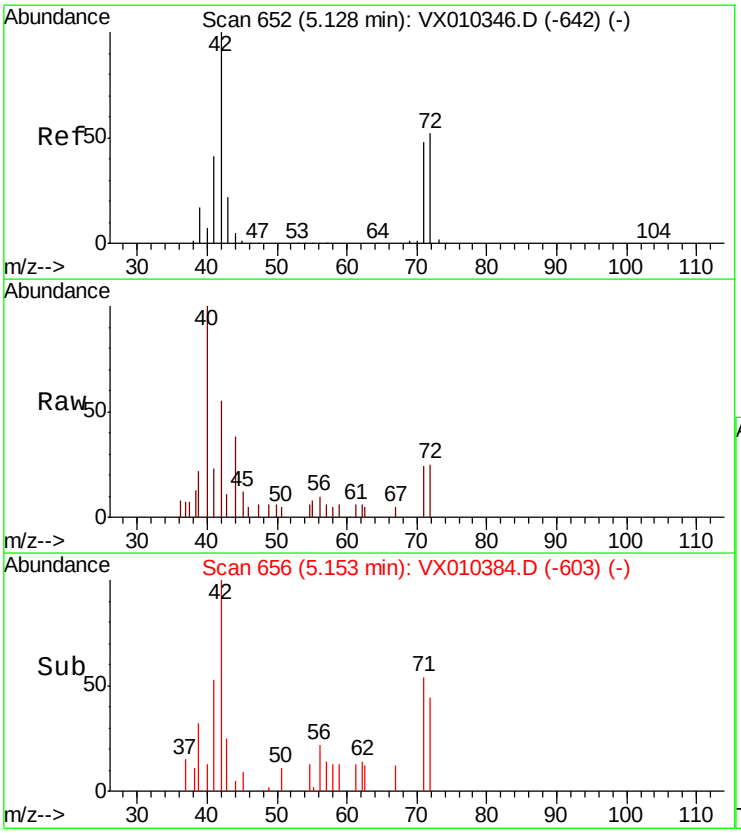
#27
cis-1,2-Dichloroethene
Concen: 2.712 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 96 Resp: 8551

Ion	Ratio	Lower	Upper
96	100		
61	110.2	0.0	251.8
98	66.5	0.0	129.4

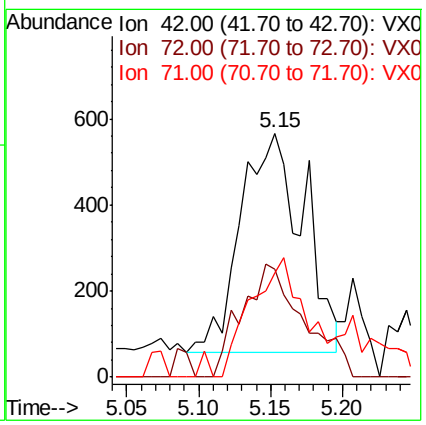


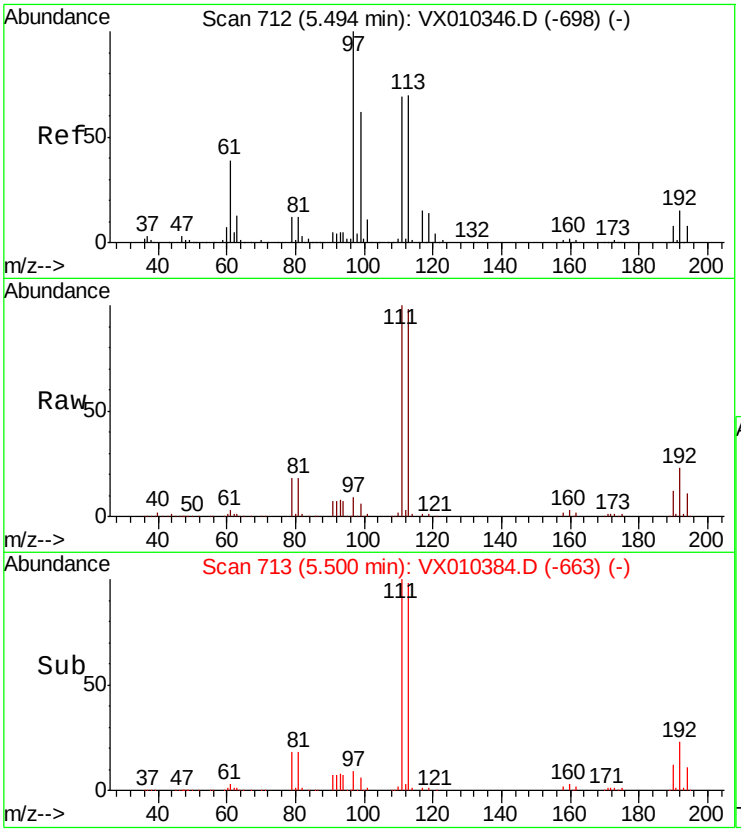


#29
Tetrahydrofuran
Concen: 1.238 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 42 Resp: 1547

Ion	Ratio	Lower	Upper
42	100		
72	50.8	40.6	60.8
71	46.6	37.8	56.8



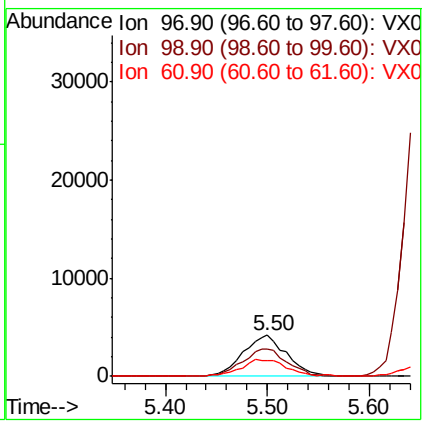


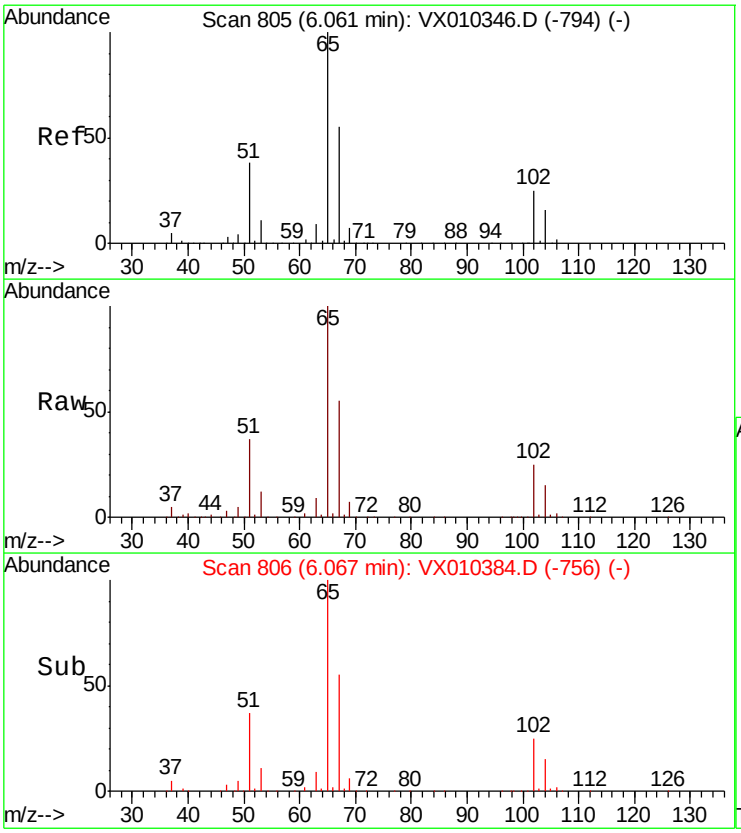
#32
1,1,1-Trichloroethane
Concen: 2.960 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 97 Resp: 12239

Ion	Ratio	Lower	Upper
97	100		
99	68.7	51.8	77.8
61	44.6	32.1	48.1

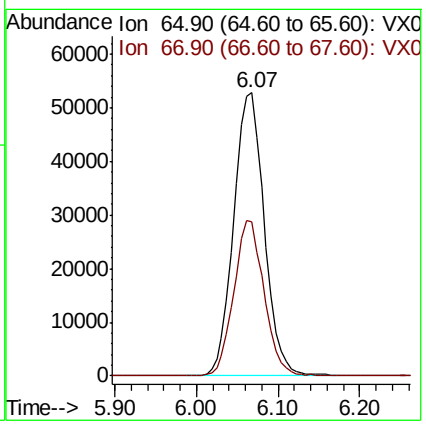


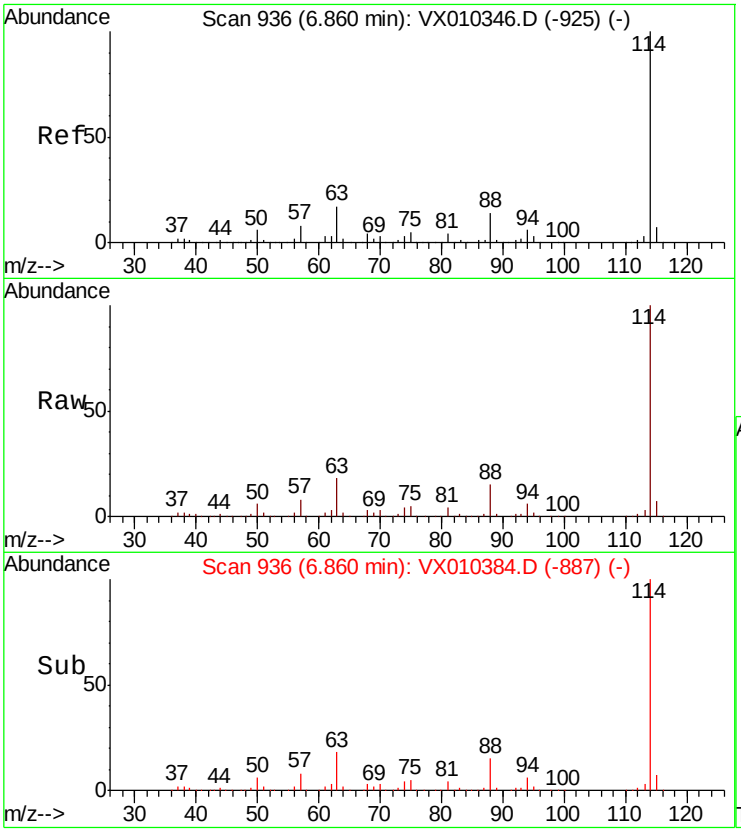


#33
1,2-Dichloroethane-d4
Concen: 49.906 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 65 Resp: 136948

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.2



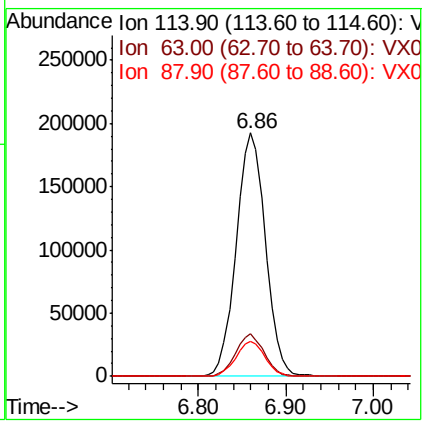


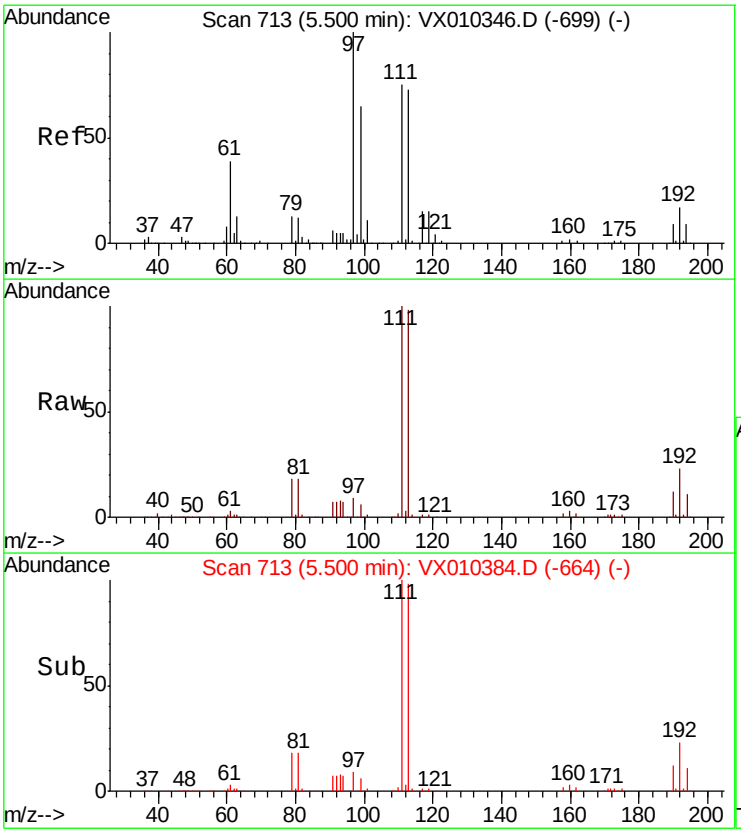
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 447417

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	14.6	0.0	27.6

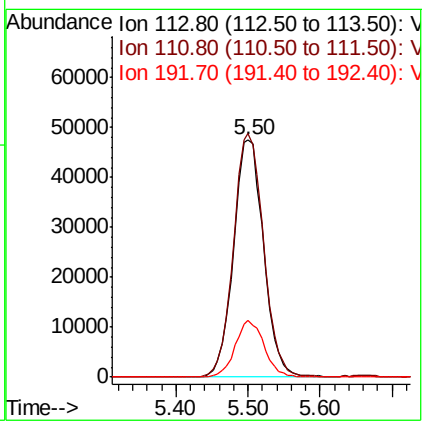


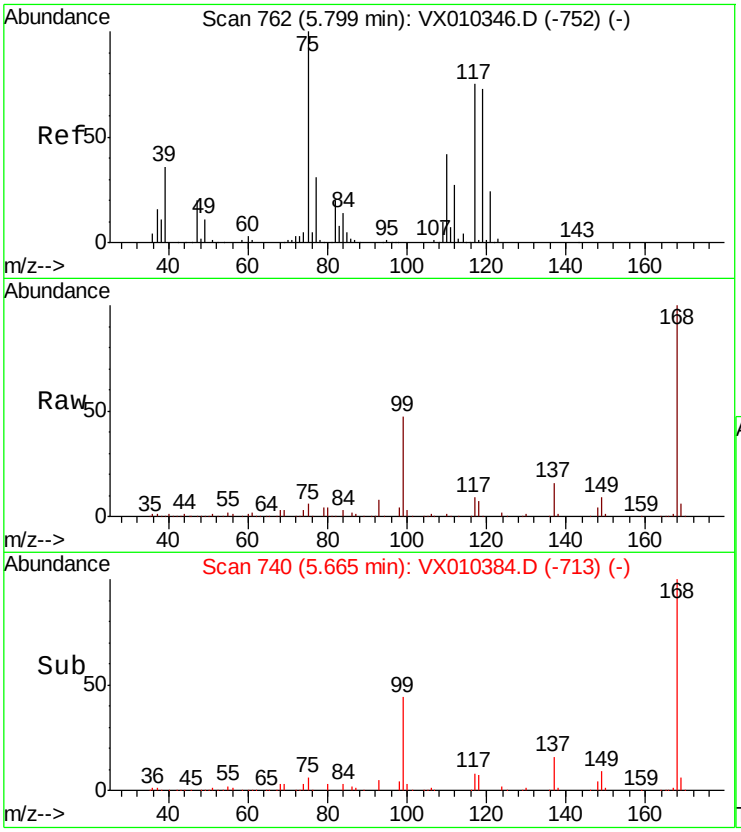


#35
Dibromofluoromethane
Concen: 50.311 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:113 Resp: 137724

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	22.9	18.6	27.8



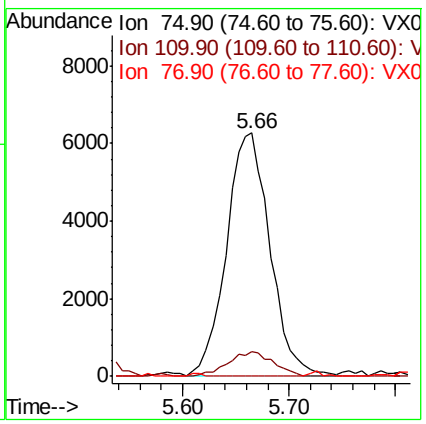


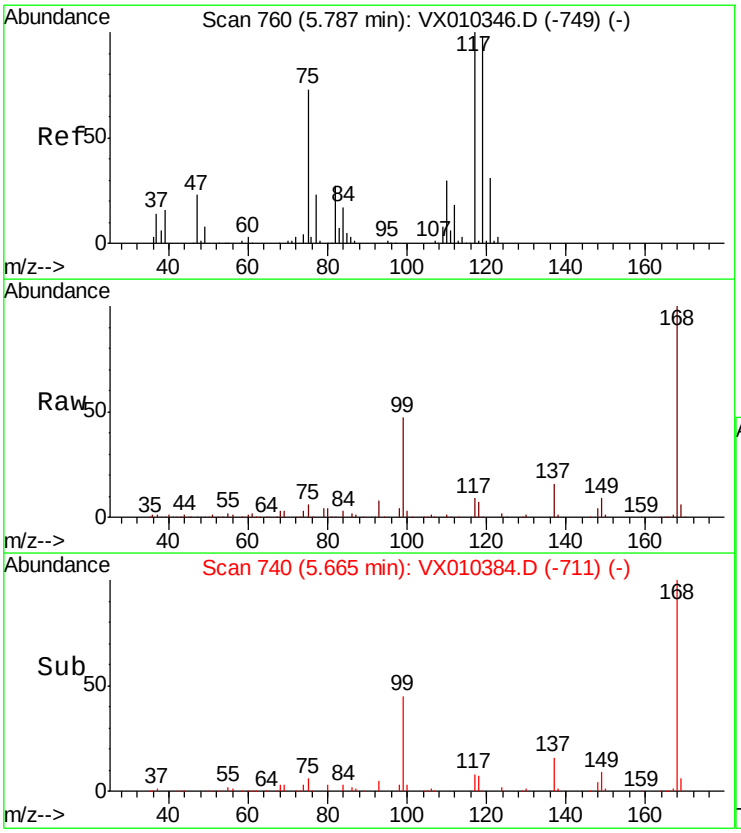
#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 17923

Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.8	62.2#
77	0.0	25.4	38.0#

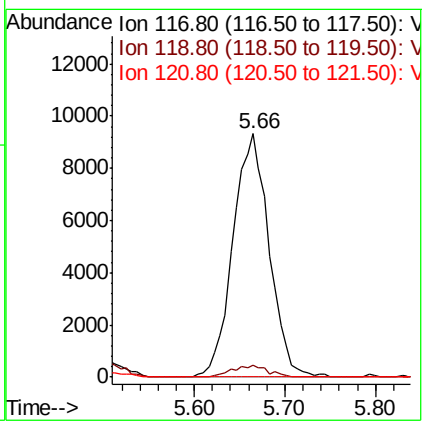


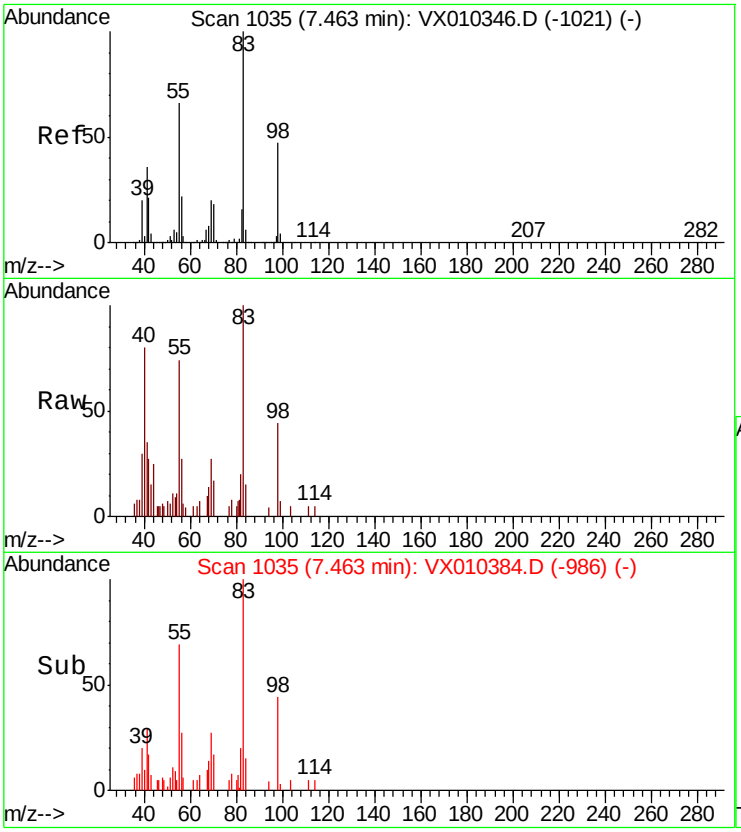


#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:117 Resp: 25734

Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.2	117.4#
121	0.0	24.7	37.1#



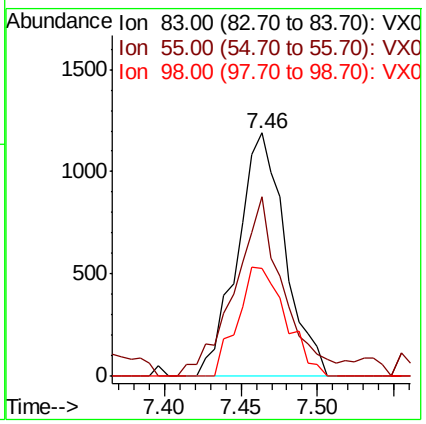


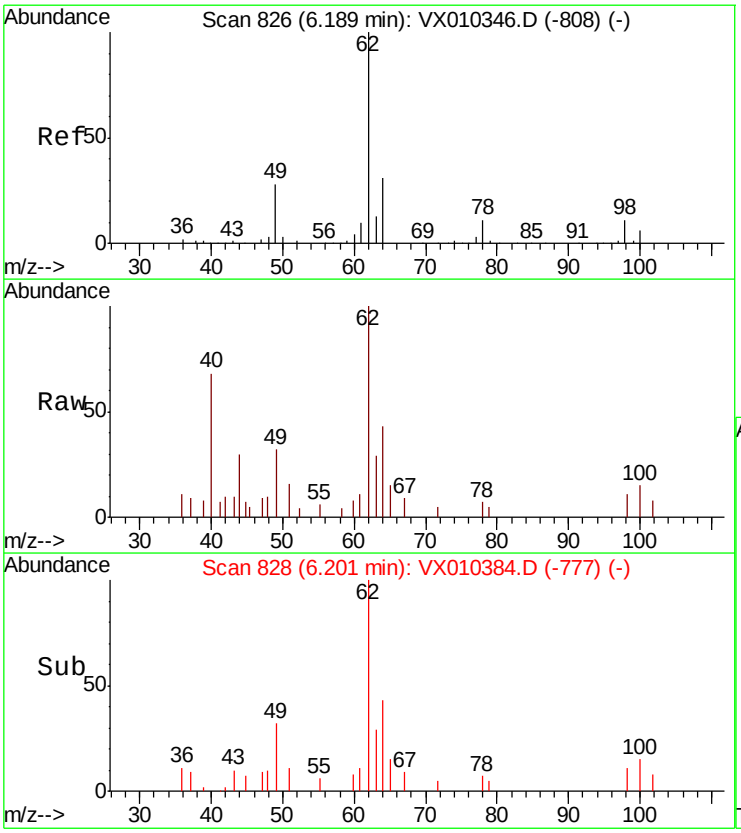
#39
Methylcyclohexane
Concen: 0.552 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 2580

Ion	Ratio	Lower	Upper
83	100		
55	69.0	53.0	79.6
98	44.3	37.8	56.8

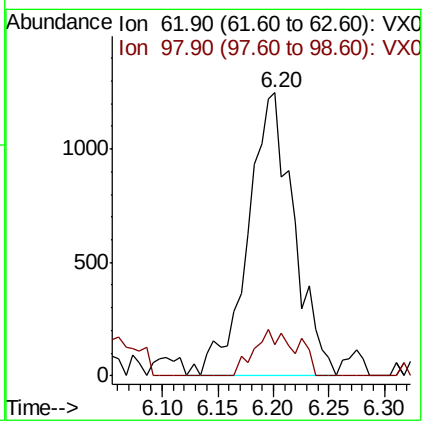


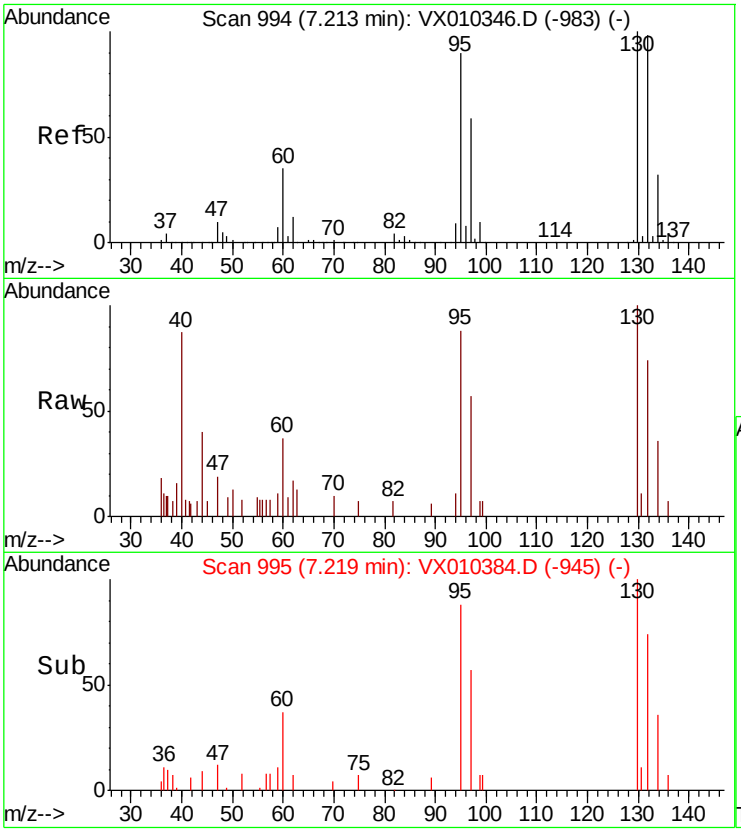


#42
1,2-Dichloroethane
Concen: 1.064 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 62 Resp: 3587

Ion	Ratio	Lower	Upper
62	100		
98	14.9	0.0	22.2



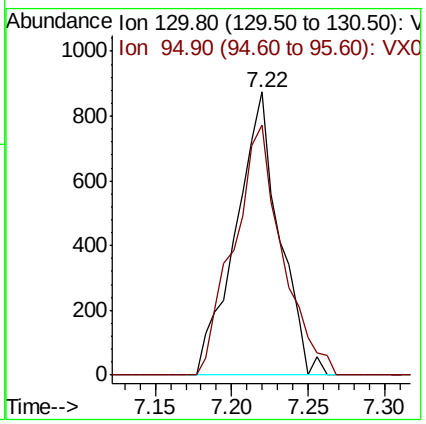


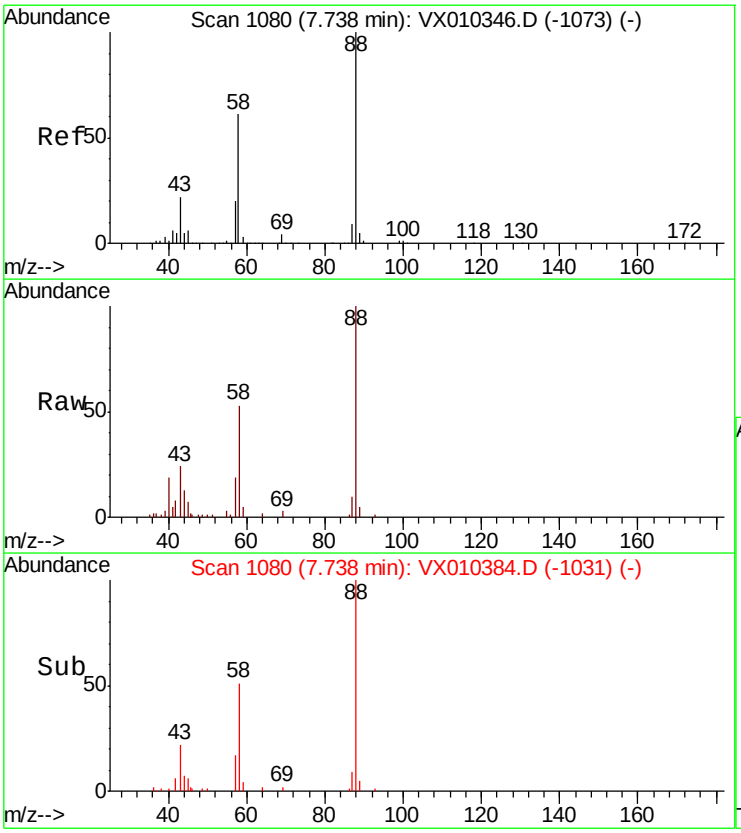
#44
Trichloroethene
Concen: 0.517 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:130 Resp: 1713

Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	180.8

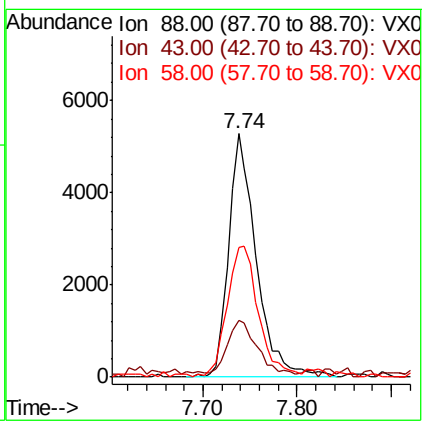


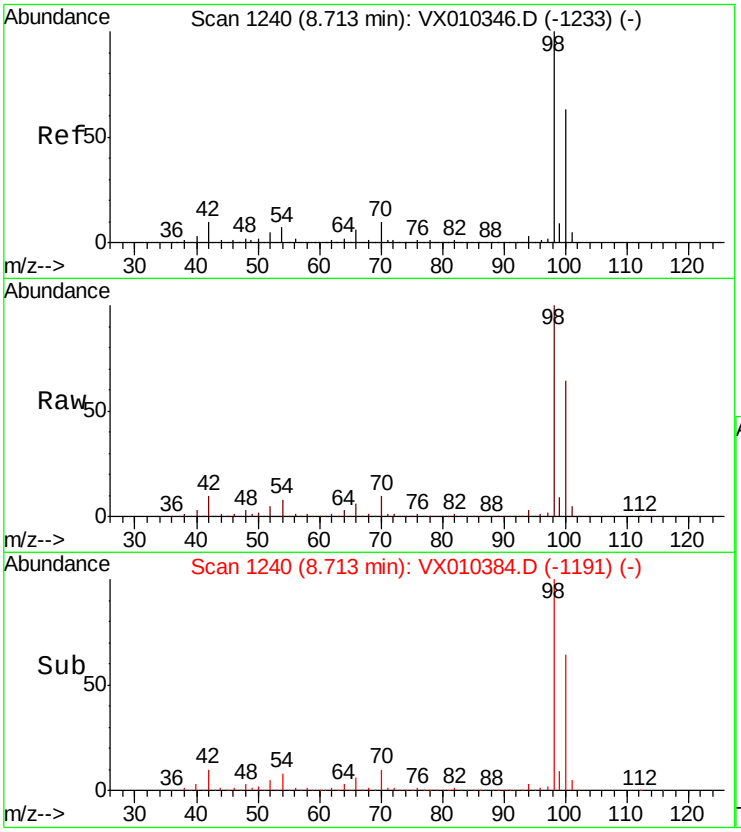


#49
1,4-Dioxane
Concen: 132.147 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 88 Resp: 10708

Ion	Ratio	Lower	Upper
88	100		
43	22.6	20.2	30.2
58	61.4	49.5	74.3



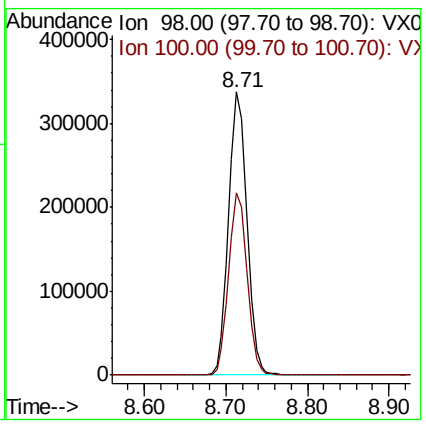


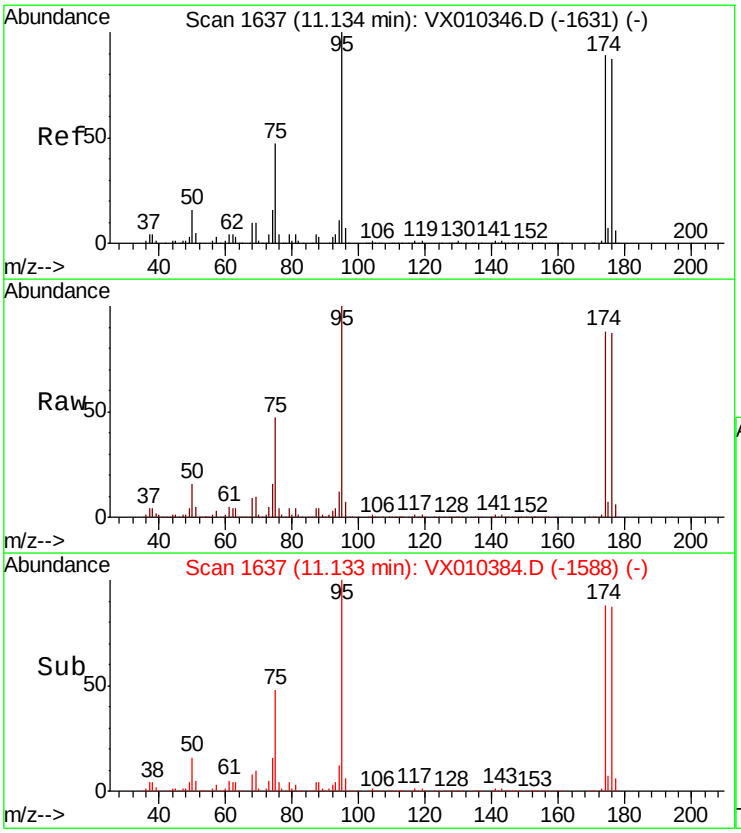
#50
Toluene-d8
Concen: 49.922 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 98 Resp: 522833

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4

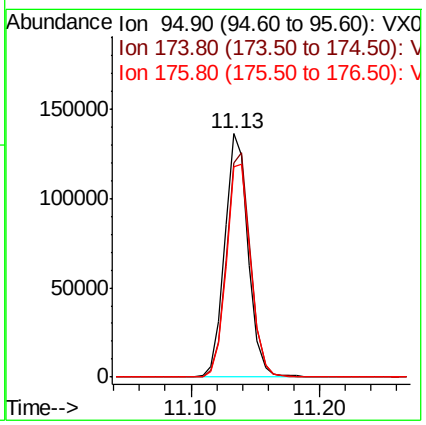


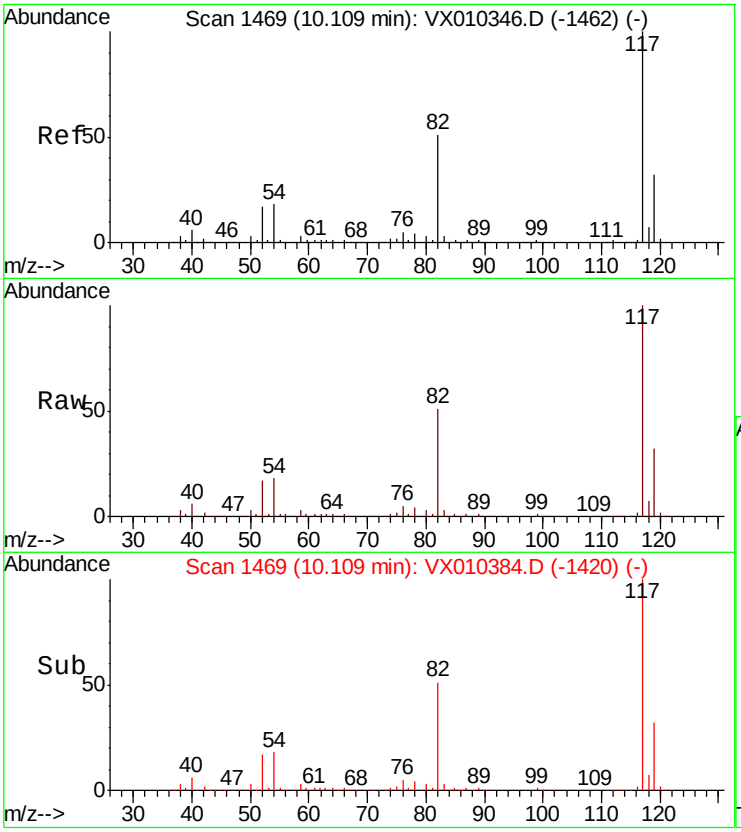


#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 95 Resp: 174689

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	187.6
176	90.6	0.0	184.0



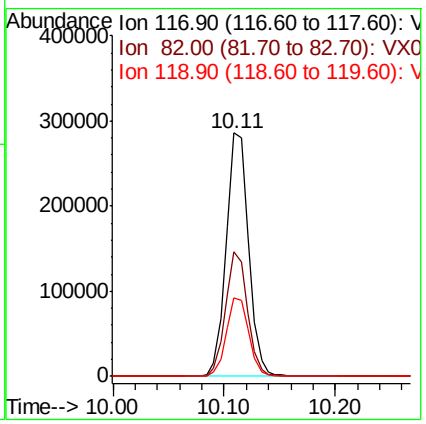


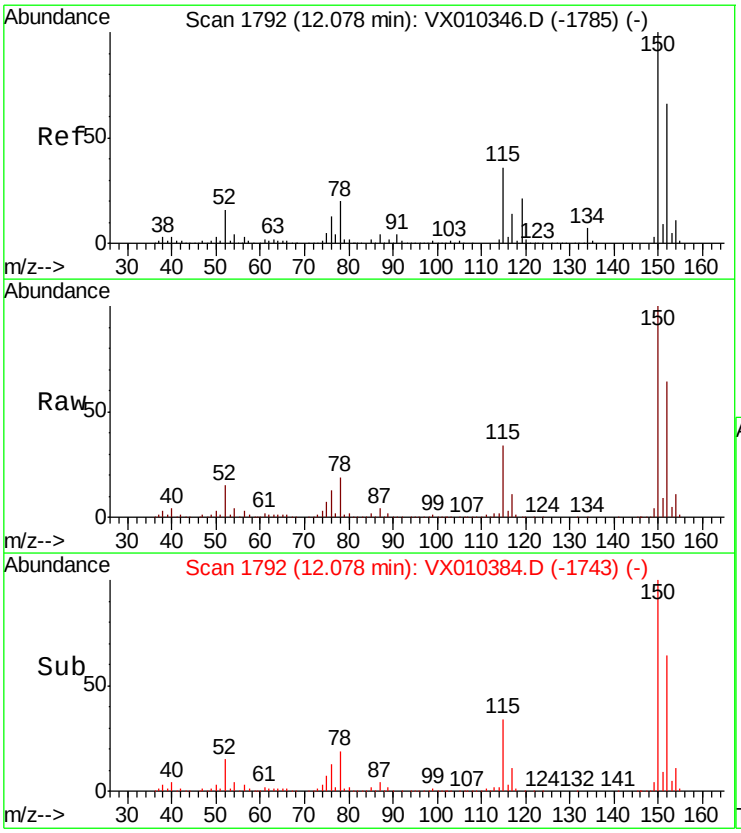
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion:117 Resp: 399154

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.2	61.8
119	32.2	25.5	38.3

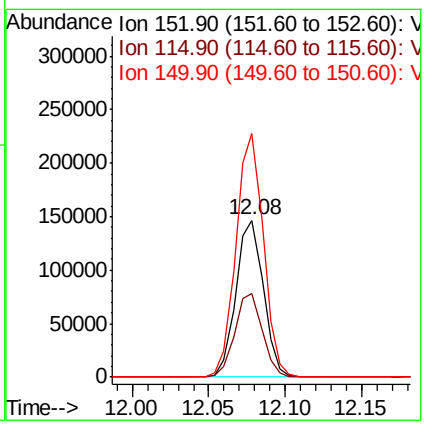


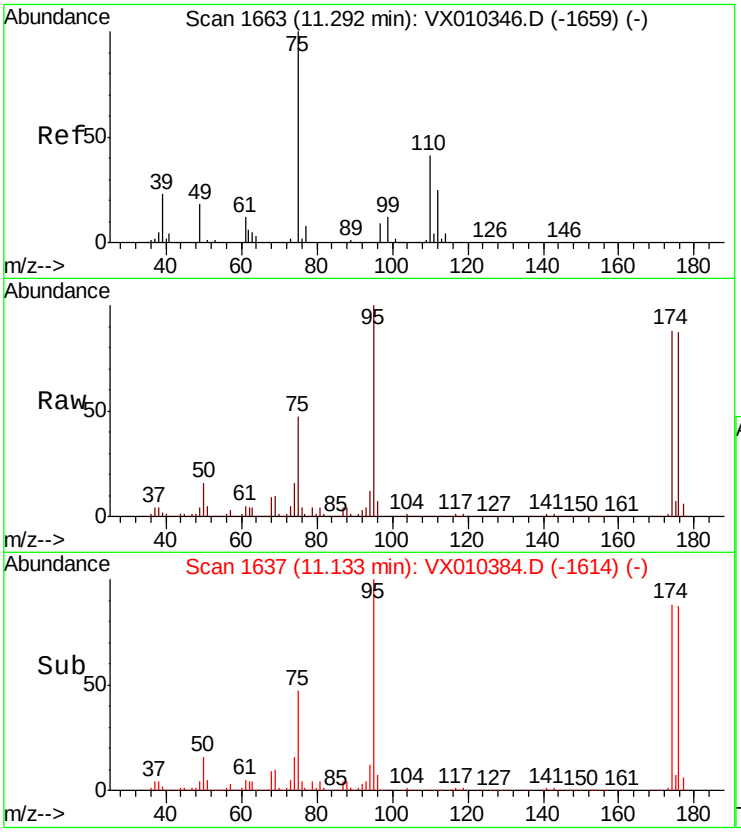


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:152 Resp: 182190

Ion	Ratio	Lower	Upper
152	100		
115	53.4	38.6	115.7
150	155.1	0.0	347.4



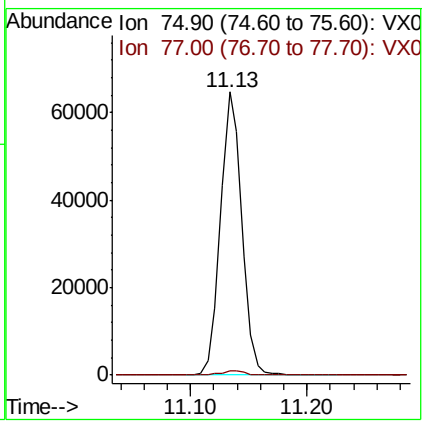


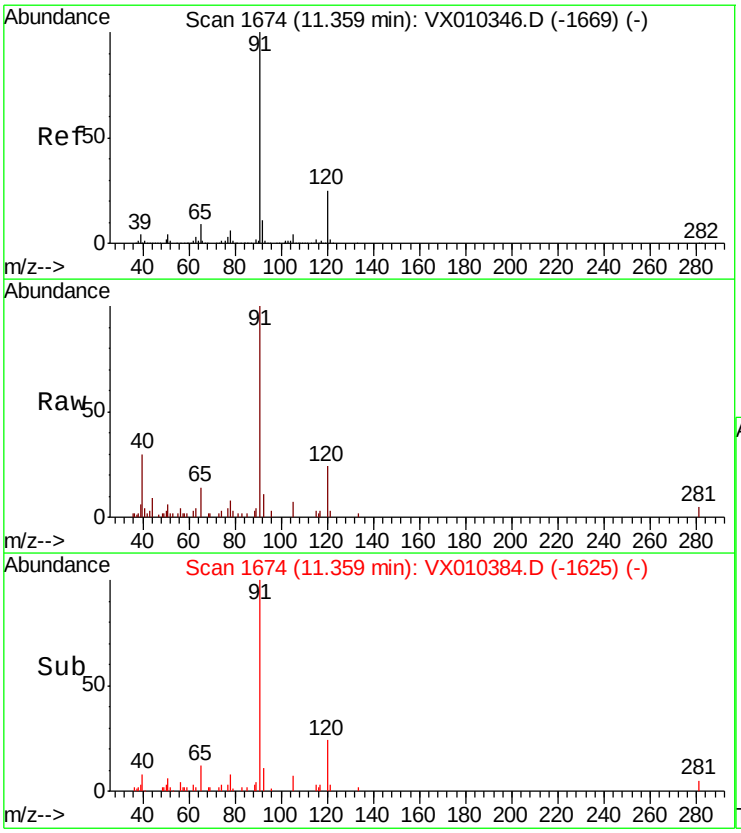
#76
1,2,3-Trichloropropane
Concen: 24.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 81750

Ion	Ratio	Lower	Upper
75	100		
77	1.8	22.6	67.8#

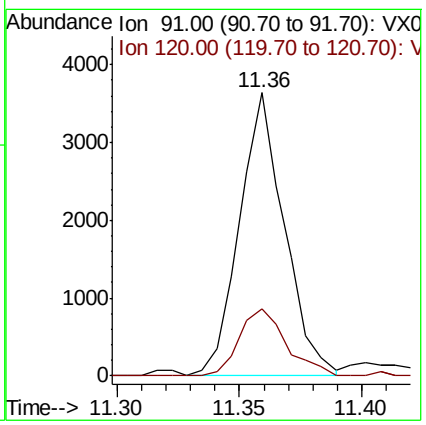


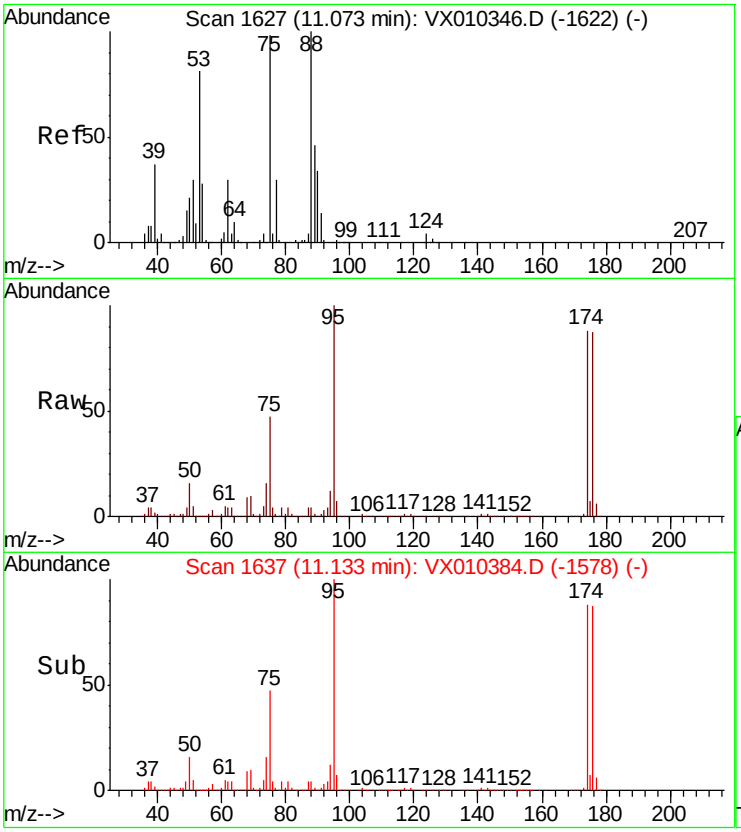


#78
n-propylbenzene
Concen: 0.344 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 91 Resp: 4667

Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.4



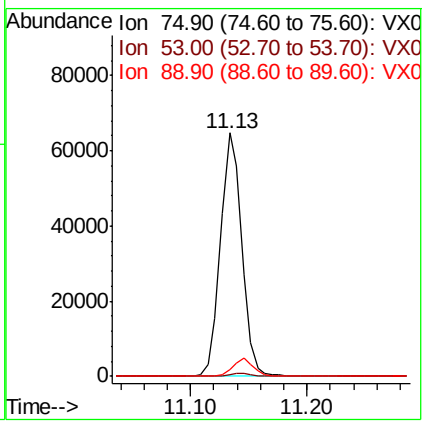


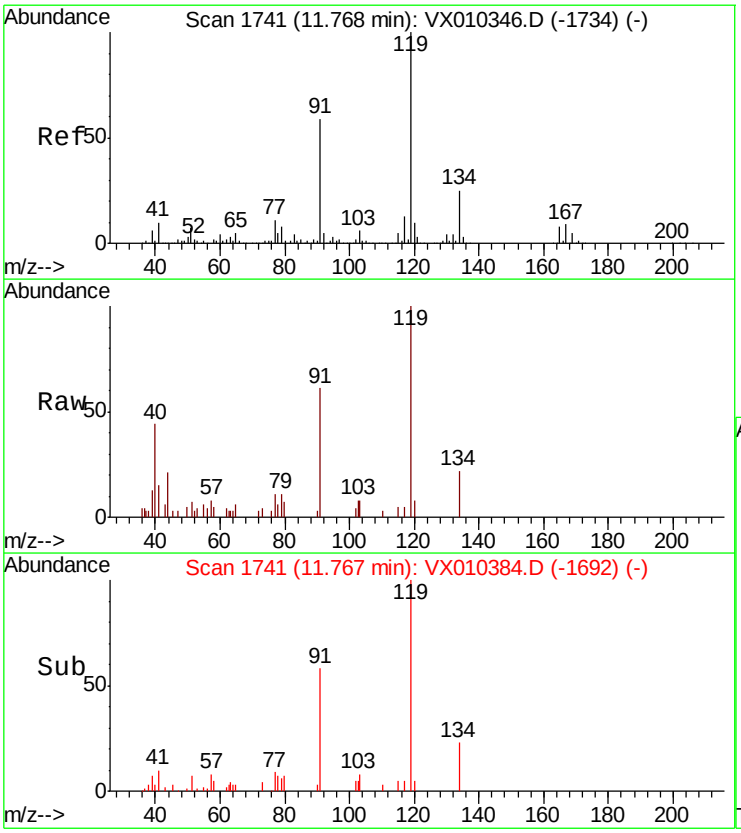
#81
trans-1,4-Dichloro-2-butene
Concen: 57.444 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 81750

Ion	Ratio	Lower	Upper
75	100		
53	1.5	66.1	99.1#
89	7.2	37.8	56.6#

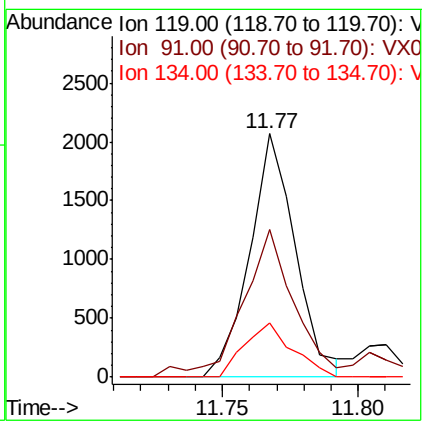


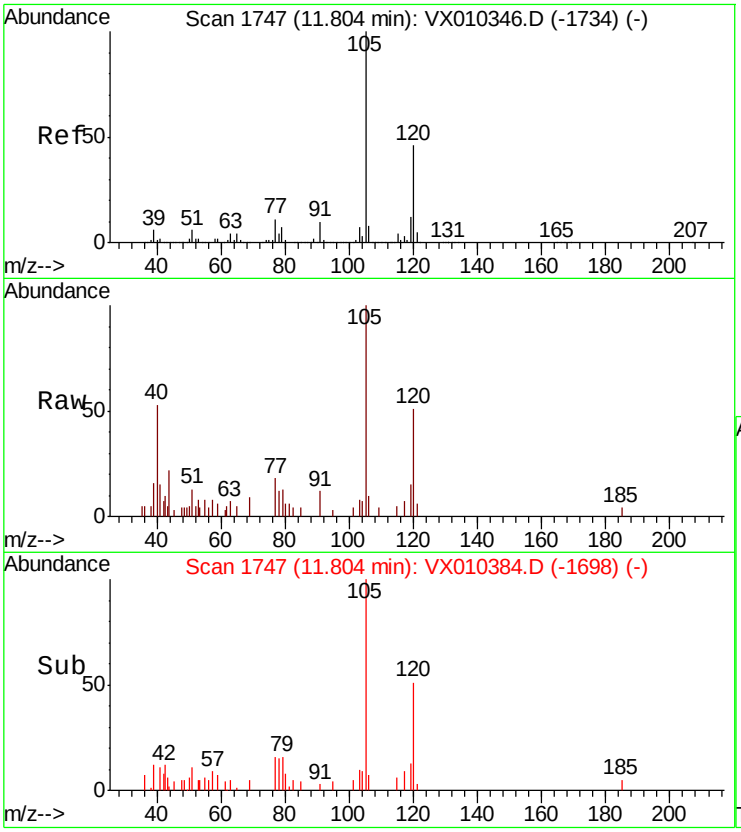


#83
tert-Butylbenzene
Concen: 0.235 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:119 Resp: 2404

Ion	Ratio	Lower	Upper
119	100		
91	68.3	27.6	82.7
134	23.3	11.8	35.4



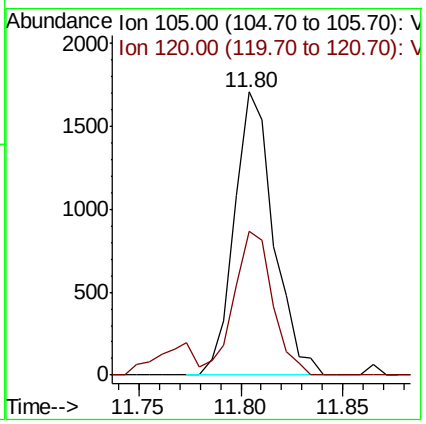


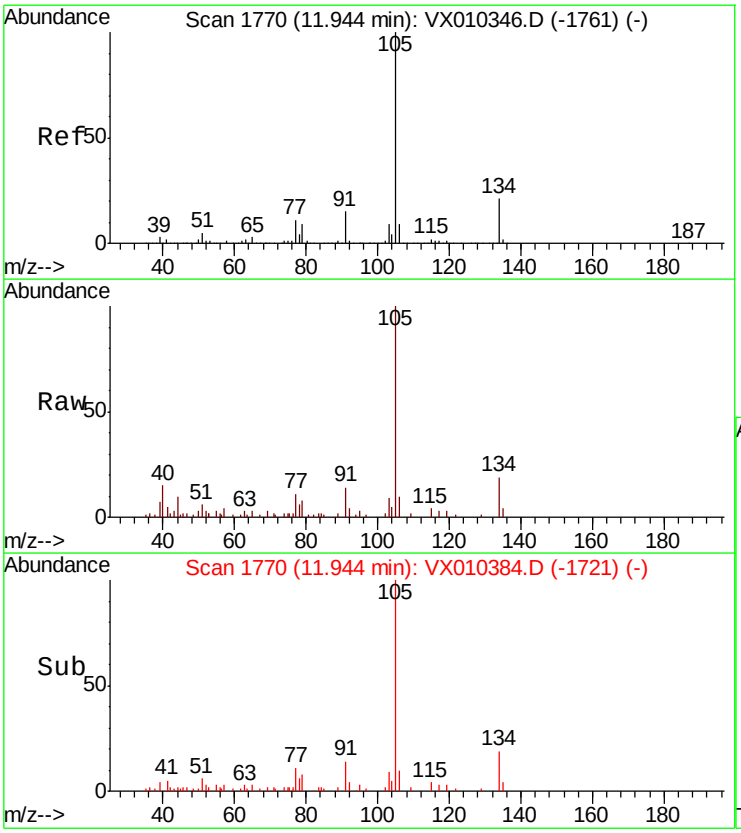
#84
1,2,4-Trimethylbenzene
Concen: 0.222 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 2274

Ion	Ratio	Lower	Upper
105	100		
120	50.2	23.1	69.2

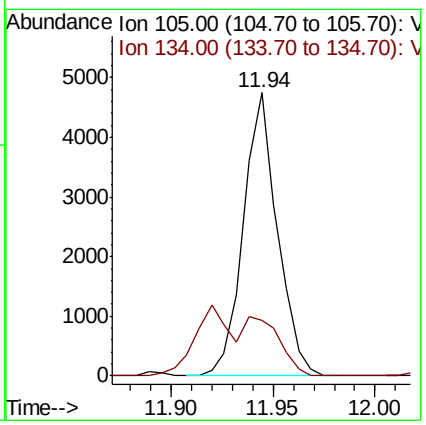


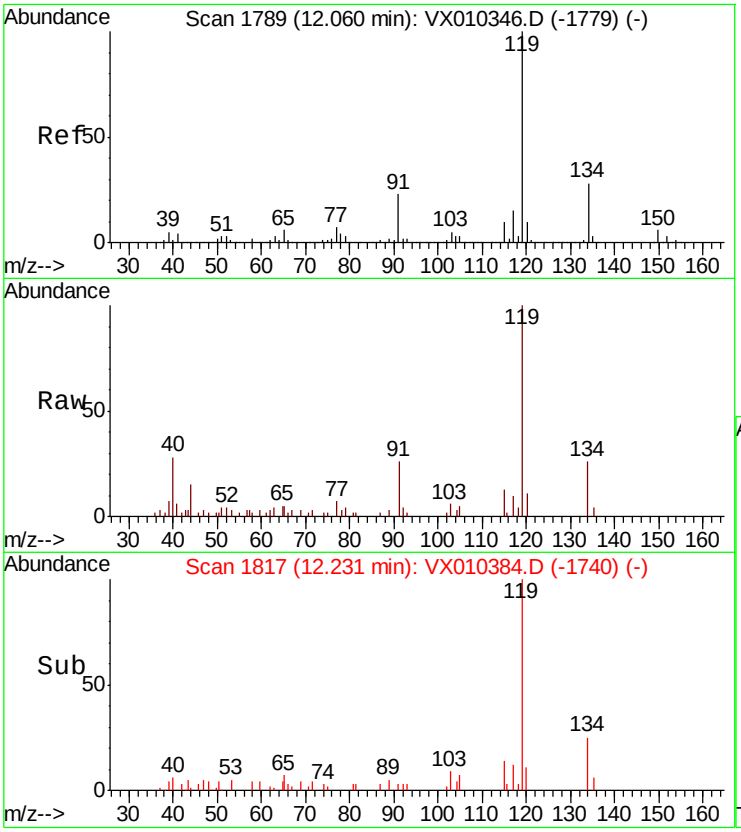


#85
sec-Butylbenzene
Concen: 0.458 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion:105 Resp: 5497

Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	31.9



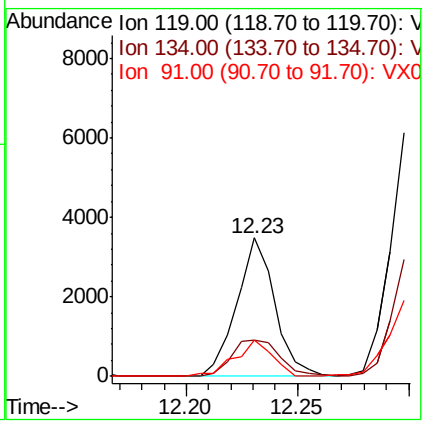


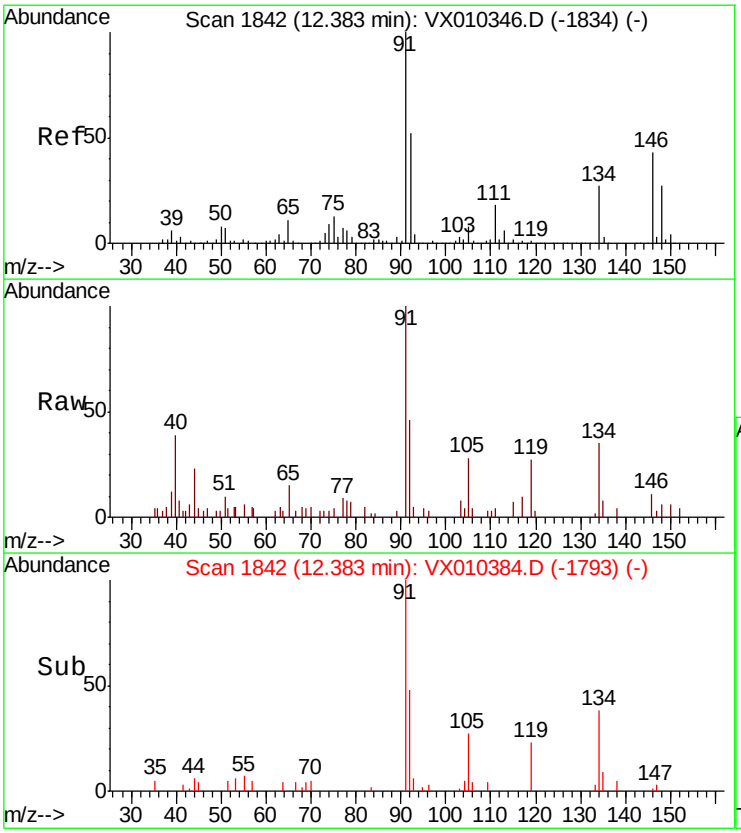
#86
p-Isopropyltoluene
Concen: 0.374 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:119 Resp: 4153

Ion	Ratio	Lower	Upper
119	100		
134	33.4	13.7	41.1
91	25.5	11.3	33.8





#89
n-Butylbenzene
Concen: 0.432 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010384.D
Acq: 21 Jun 2019 15:01

Tgt Ion: 91 Resp: 4077

Ion	Ratio	Lower	Upper
91	100		
92	38.1	26.2	78.5
134	63.3	14.1	42.4#