Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010819\
Data File : VW008087.D
Acq On : 08 Jan 2019 16:02
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
MMDadoda
1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	79986	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	150043	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132590	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63791	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.31	65	18545	20.80 ug/l	0.00
Spiked Amount 50.000			Recovery =	41.60%	
35) Dibromofluoromethane	7.88	113	16709	17.96 ug/l	0.00
Spiked Amount 50.000			Recovery =	35.92%	
50) Toluene-d8	10.32	98	68736	19.25 ug/l	0.00
Spiked Amount 50.000			Recovery =	38.50%	
62) 4-Bromofluorobenzene	12.62	95	24682	18.24 ug/l	0.00
Spiked Amount 50.000			Recovery =	36.48%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	13787	19.518 ug/l	93
3) Chloromethane	2.21	50	17252	29.464 ug/l	99
4) Vinyl Chloride	2.37	62	24160	31.722 ug/l	96
5) Bromomethane	2.79	94	18302	36.970 ug/l	97
6) Chloroethane	2.93	64	18317	43.301 ug/l	100
7) Trichlorofluoromethane	3.26	101	18448	25.149 ug/l	93
8) Diethyl Ether	3.68	74	10333	26.865 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17025	20.304 ug/l	95
10) Methyl Iodide	4.26	142	24280	18.206 ug/l	97
11) Tert butyl alcohol	5.22	59	6950m	118.936 ug/l	
12) 1,1-Dichloroethene	4.03	96	16622	20.491 ug/l	94
13) Acrolein	3.90	56	4879	112.925 ug/l	99
14) Allyl chloride	4.67	41	33443	28.706 ug/l	100
15) Acrylonitrile	5.38	53	20766	146.897 ug/l	99
16) Acetone	4.14	43	19174	135.169 ug/l	90
17) Carbon Disulfide	4.37	76	54126	21.803 ug/l	96
18) Methyl Acetate	4.68	43	11721	30.163 ug/l	100
19) Methyl tert-butyl Ether	5.42	73	31309	24.496 ug/l	99
20) Methylene Chloride	4.90	84	20989	22.051 ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	20141	22.840 ug/l	97
22) Diisopropyl ether	6.31	45	66659	31.617 ug/l	99
23) Vinyl Acetate	6.26	43	174003	149.420 ug/l	99
24) 1,1-Dichloroethane	6.21	63	37655	25.298 ug/l	98
25) 2-Butanone	7.18	43	27342	157.808 ug/l	96
26) 2,2-Dichloropropane	7.17	77	26310	22.174 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	22289	23.666 ug/l	99
28) Bromochloromethane	7.51	49	14090	27.851 ug/l	96
29) Tetrahydrofuran	7.54	42	17892	162.404 ug/l	99
30) Chloroform	7.68	83	36676	22.539 ug/l	97
31) Cyclohexane	7.95	56	41090	28.749 ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	31470	20.580 ug/l	98
36) 1,1-Dichloropropene	8.09	75	30888	21.026 ug/l	100
37) Ethyl Acetate	7.25	43	12142	25.920 ug/l	97
38) Carbon Tetrachloride	8.07	117	28438	16.815 ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED
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1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.34	83	38343	20.828 ug/l		94
40) Benzene	8.32	78	84661	21.678 ug/l		98
41) Methacrylonitrile	7.49	41	7518	27.982 ug/l		93
42) 1,2-Dichloroethane	8.40	62	24040	19.005 ug/l		98
43) Isopropyl Acetate	8.43	43	25080	27.090 ug/l		98
44) Trichloroethene	9.09	130	20816	18.539 ug/l		93
45) 1,2-Dichloropropane	9.37	63	21000	24.242 ug/l		100
46) Dibromomethane	9.46	93	10327	21.098 ug/l		95
47) Bromodichloromethane	9.65	83	25797	18.982 ug/l		99
48) Methyl methacrylate	9.44	41	11007	23.538 ug/l		97
49) 1,4-Dioxane	9.48	88	3129	426.904 ug/l	#	89
51) 4-Methyl-2-Pentanone	10.21	43	59010	135.815 ug/l		99
52) Toluene	10.39	92	53640	20.836 ug/l		99
53) t-1,3-Dichloropropene	10.60	75	26631	20.120 ug/l		97
54) cis-1,3-Dichloropropene	10.07	75	31978	21.449 ug/l		96
55) 1,1,2-Trichloroethane	10.79	97	14114	21.236 ug/l		95
56) Ethyl methacrylate	10.65	69	17357	22.515 ug/l		98
57) 1,3-Dichloropropane	10.93	76	26546	23.006 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.93	63	46964	124.760 ug/l		100
59) 2-Hexanone	10.97	43	41935	140.252 ug/l		98
60) Dibromochloromethane	11.13	129	15318	17.232 ug/l		99
61) 1,2-Dibromoethane	11.23	107	13118	19.713 ug/l		98
64) Tetrachloroethene	10.86	164	16279	18.413 ug/l		94
65) Chlorobenzene	11.66	112	56119	20.179 ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.73	131	17973	18.082 ug/l		98
67) Ethyl Benzene	11.73	91	104258	20.973 ug/l		100
68) m/p-Xylenes	11.84	106	79598	41.524 ug/l		98
69) o-Xylene	12.17	106	37013	20.760 ug/l		99
70) Styrene	12.18	104	57692	19.903 ug/l		99
71) Bromoform	12.35	173	7689	16.766 ug/l	#	99
73) Isopropylbenzene	12.47	105	102023	20.432 ug/l		99
74) N-amyl acetate	12.27	43	21984	26.464 ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	16304	24.751 ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	12183m	23.769 ug/l		
77) Bromobenzene	12.75	156	19627	18.447 ug/l		96
78) n-propylbenzene	12.81	91	126052	21.531 ug/l		99
79) 2-Chlorotoluene	12.90	91	70662	21.029 ug/l		98
80) 1,3,5-Trimethylbenzene	12.94	105	85264	19.980 ug/l		97
81) trans-1,4-Dichloro-2-buten	12.51	75	4903	22.474 ug/l		95
82) 4-Chlorotoluene	12.99	91	74735	20.932 ug/l		99
83) tert-Butylbenzene	13.21	119	74740	19.939 ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	88170	20.298 ug/l		99
85) sec-Butylbenzene	13.39	105	109469	21.039 ug/l		99
86) p-Isopropyltoluene	13.51	119	94810	20.316 ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	42496	19.633 ug/l		98
88) 1,4-Dichlorobenzene	13.58	146	42654	19.862 ug/l		96
89) n-Butylbenzene	13.83	91	92916	21.547 ug/l		99
90) Hexachloroethane	14.10	117	15531	19.240 ug/l		94
91) 1,2-Dichlorobenzene	13.88	146	37418	19.638 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2589	19.976 ug/l		99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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1/9/2019 11:07:46 AM

Quant Time: Jan 09 03:53:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 03:11:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24374	18.540 ug/l	95
94) Hexachlorobutadiene	15.24	225	12610	16.734 ug/l	97
95) Naphthalene	15.38	128	46545	20.426 ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20054	18.334 ug/l	99

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

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Sample : VSTDICC020
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
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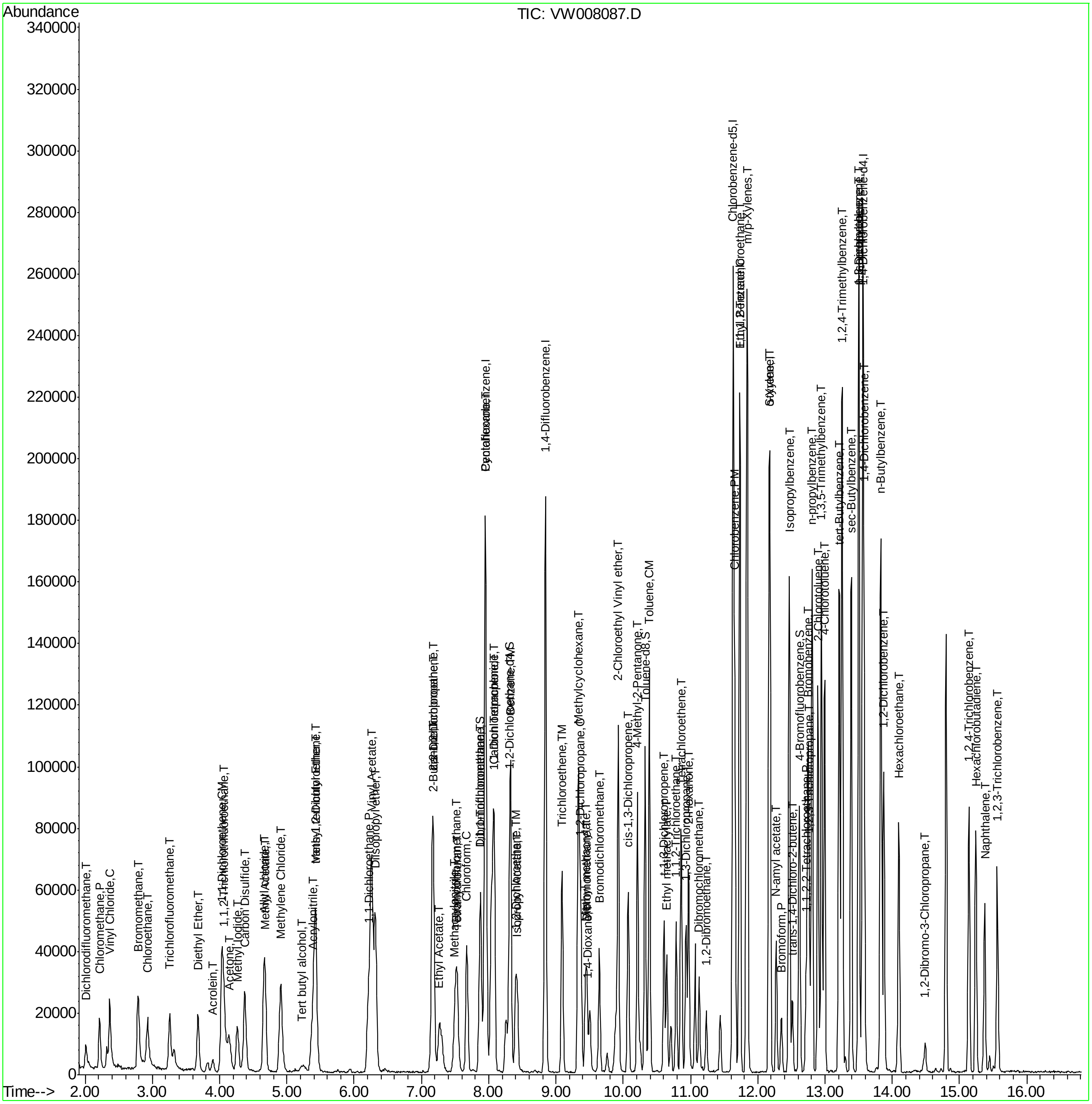
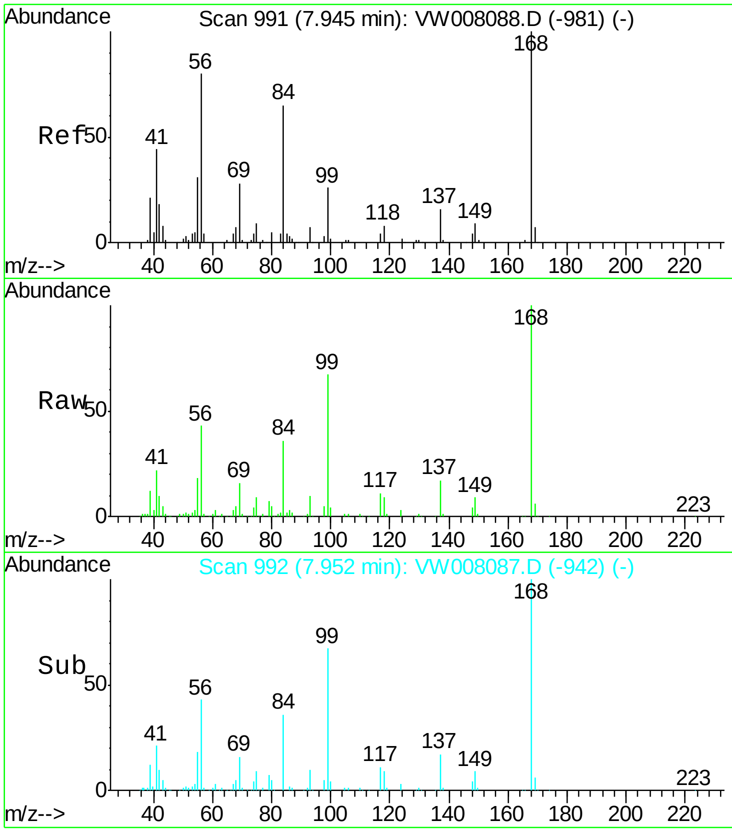
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min   Scan# 992
Delta R.T.   0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:168 Resp: 79986

Ion	Ratio	Lower	Upper
168	100		
99	66.7	52.6	78.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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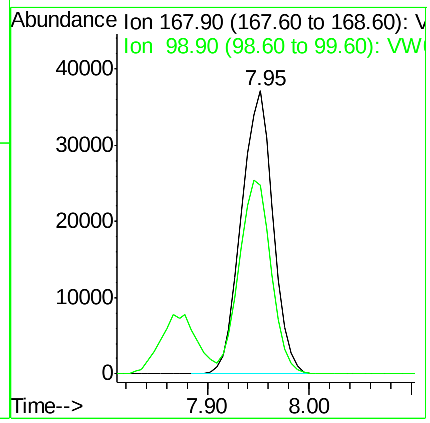
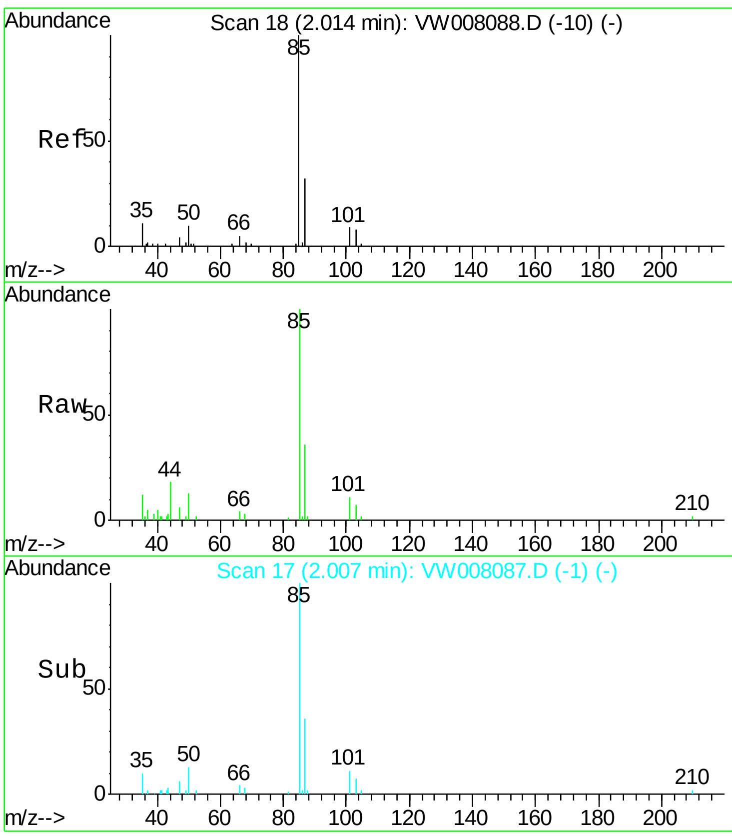
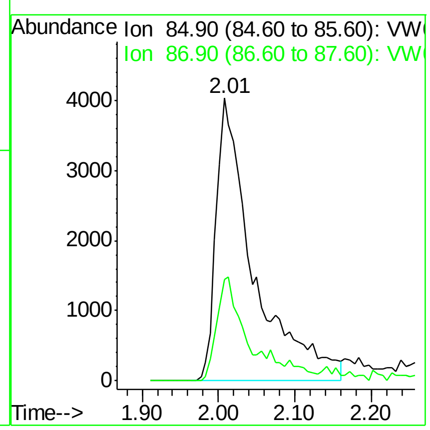


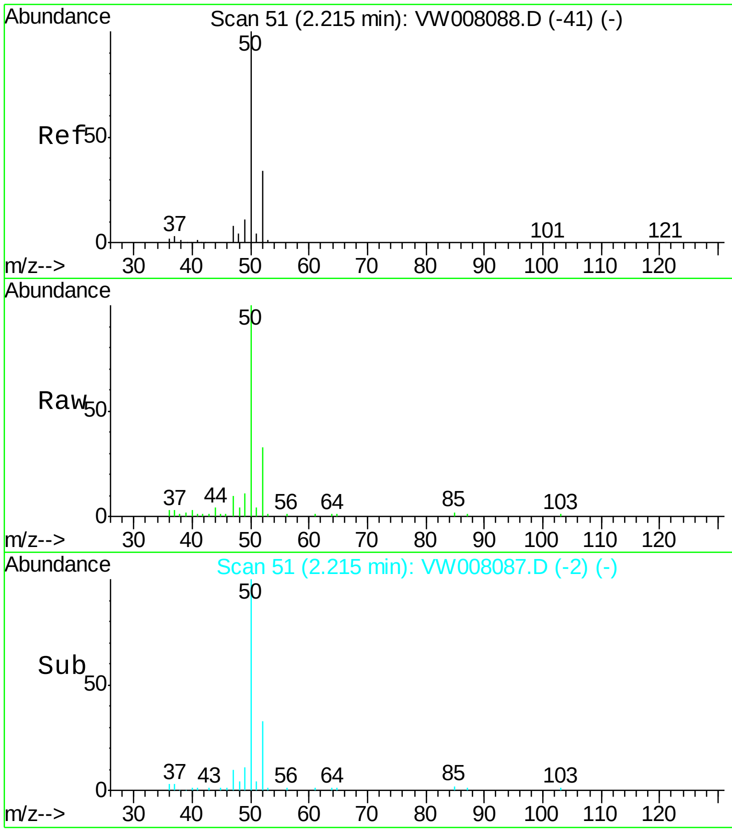


#2
Dichlorodifluoromethane
Concen: 19.518 ug/l
RT: 2.01 min   Scan# 17
Delta R.T.   -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion: 85 Resp: 13787

Ion	Ratio	Lower	Upper
85	100		
87	36.1	16.1	48.3





#3
Chloromethane
Concen: 29.464 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 50 Resp: 17252

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.8	40.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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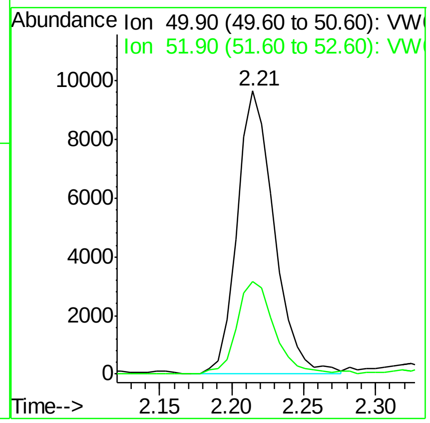
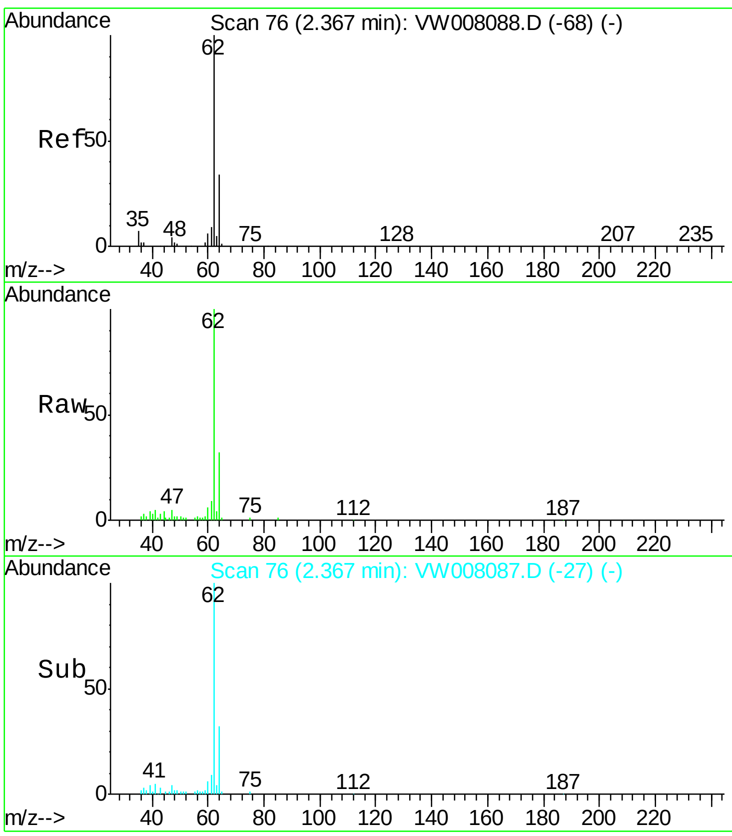
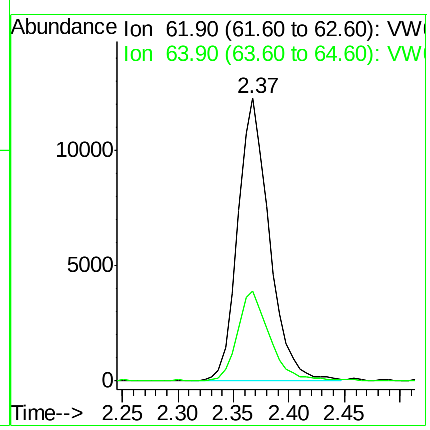


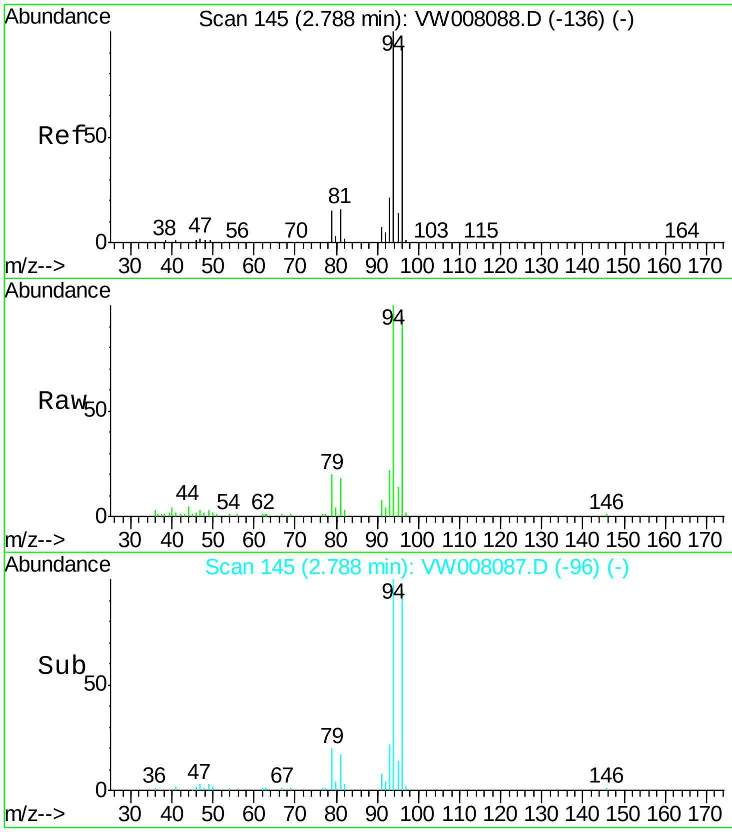


#4
Vinyl Chloride
Concen: 31.722 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 62 Resp: 24160

Ion	Ratio	Lower	Upper
62	100		
64	31.7	27.0	40.6






```
#5
Bromomethane
Concen:   36.970 ug/l
RT: 2.79 min   Scan# 145
Delta R.T.    0.00 min
Lab File:   VW008087.D
Acq: 08 Jan 2019  16:02

Tgt Ion: 94 Resp:   18302
Ion  Ratio  Lower  Upper
 94  100
 96   95.5   74.1   111.1
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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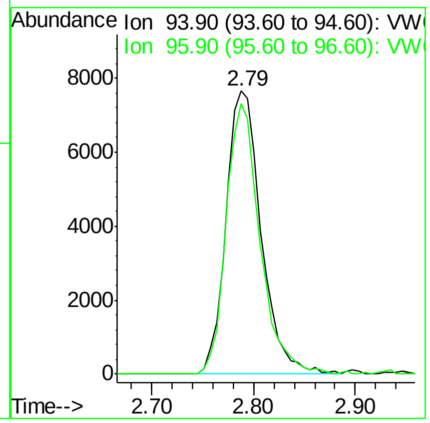
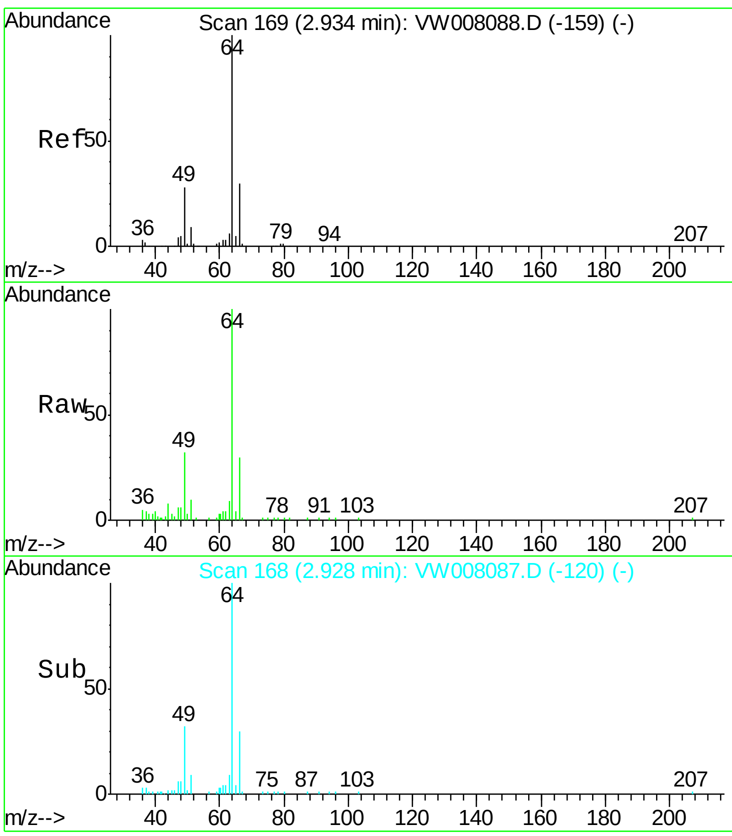
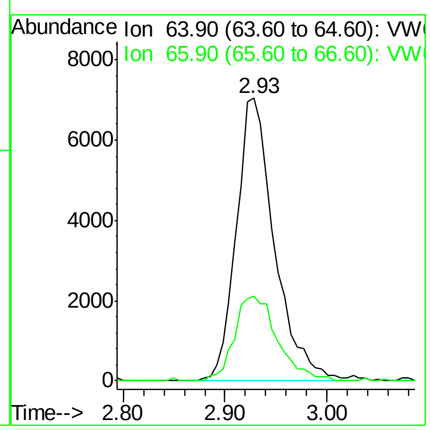
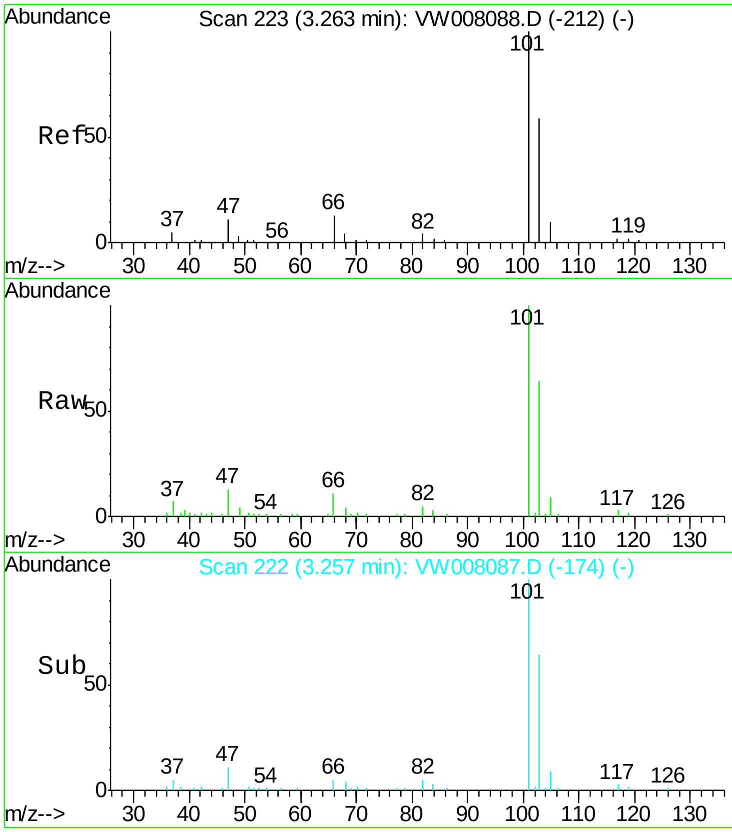





```
#6
Chloroethane
Concen:   43.301 ug/l
RT: 2.93 min   Scan# 168
Delta R.T.   -0.01 min
Lab File:   VW008087.D
Acq: 08 Jan 2019  16:02

Tgt Ion: 64 Resp:   18317
Ion  Ratio  Lower  Upper
 64  100
 66   30.0   24.2   36.2
```






```
#7
Trichlorofluoromethane
Concen:   25.149 ug/l
RT: 3.26 min   Scan# 222
Delta R.T.    -0.01 min
Lab File:    VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:101 Resp:    18448
Ion  Ratio  Lower  Upper
101  100
103   64.3   47.0   70.6
```

Instrument :
MSVOA_W
ClientSampleId :
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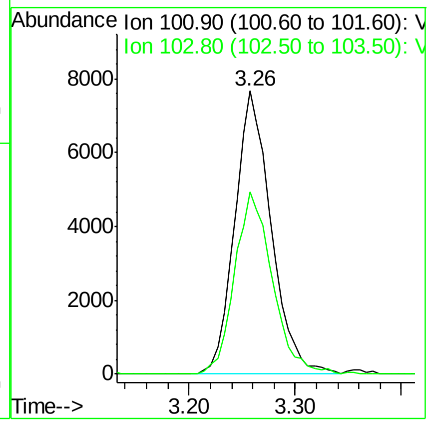
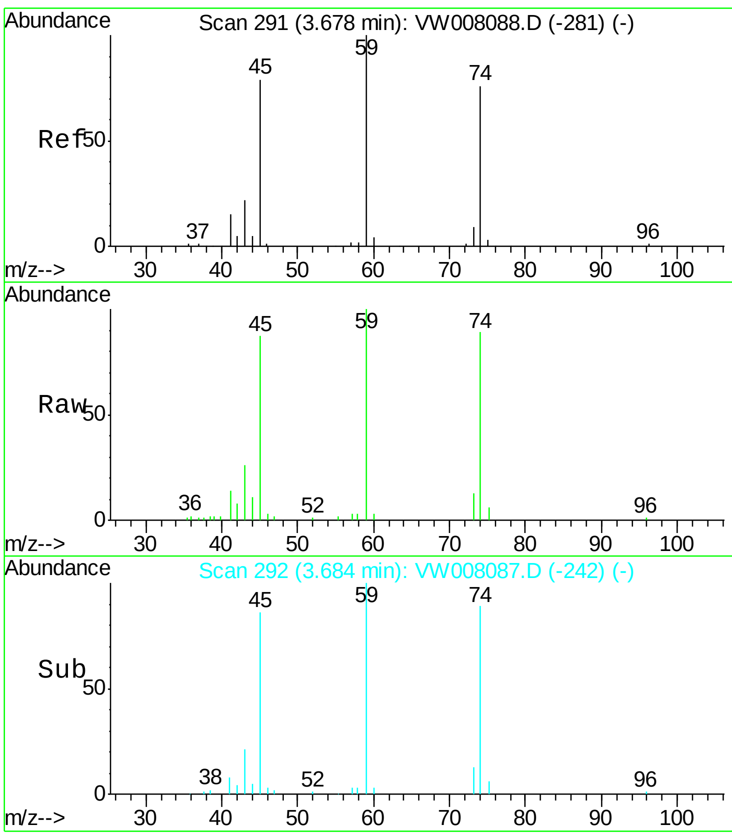
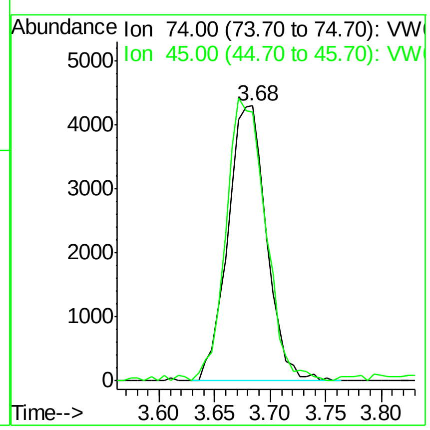
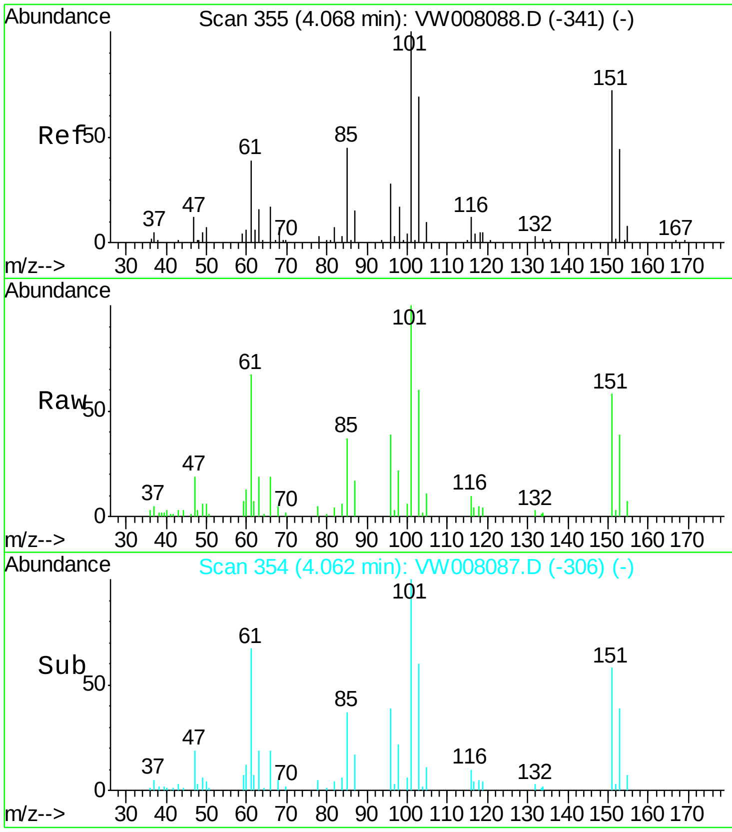





```
#8
Diethyl Ether
Concen:   26.865 ug/l
RT: 3.68 min   Scan# 292
Delta R.T.    0.01 min
Lab File:    VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion: 74 Resp:    10333
Ion  Ratio  Lower  Upper
 74  100
 45  105.9   52.4  157.3
```





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.304 ug/l
RT: 4.06 min Scan# 354
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 17025

Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.9	53.9
151	64.3	55.8	83.8

Manual Integrations APPROVED

MMDadoda
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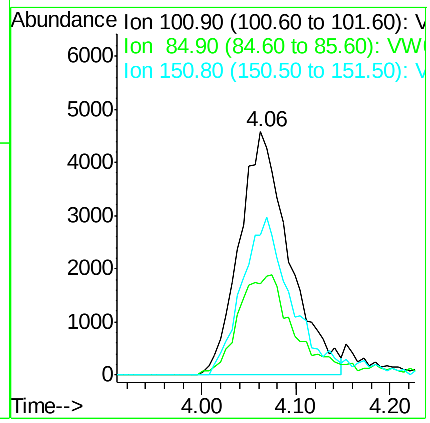
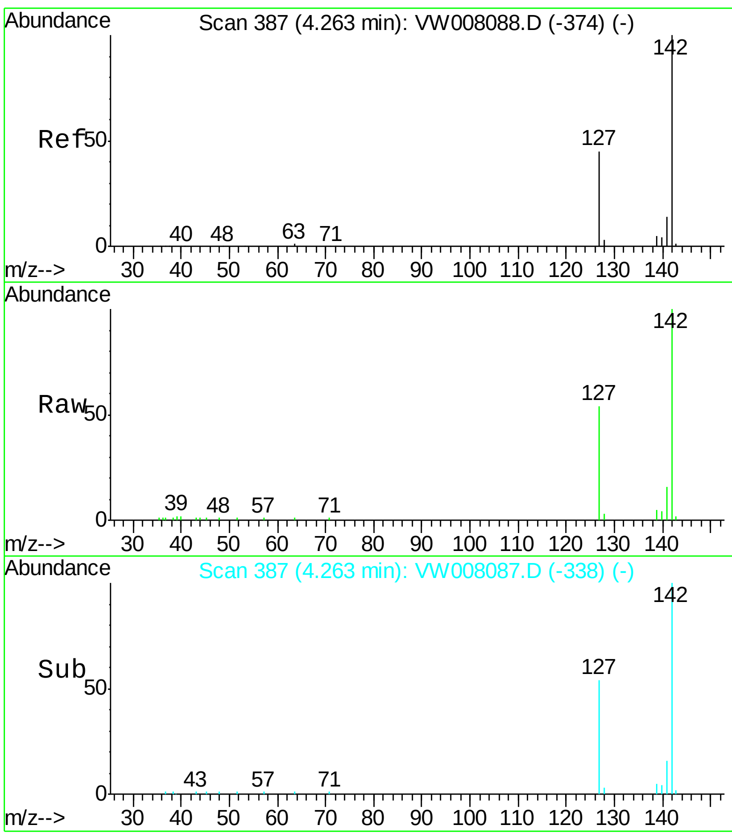
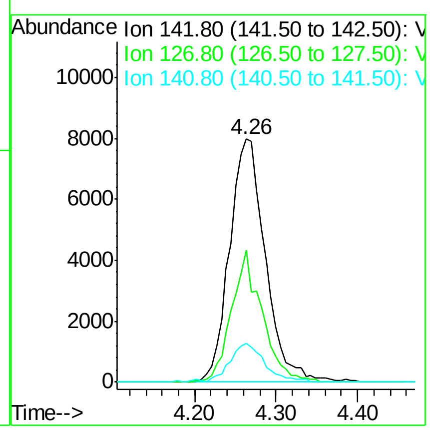


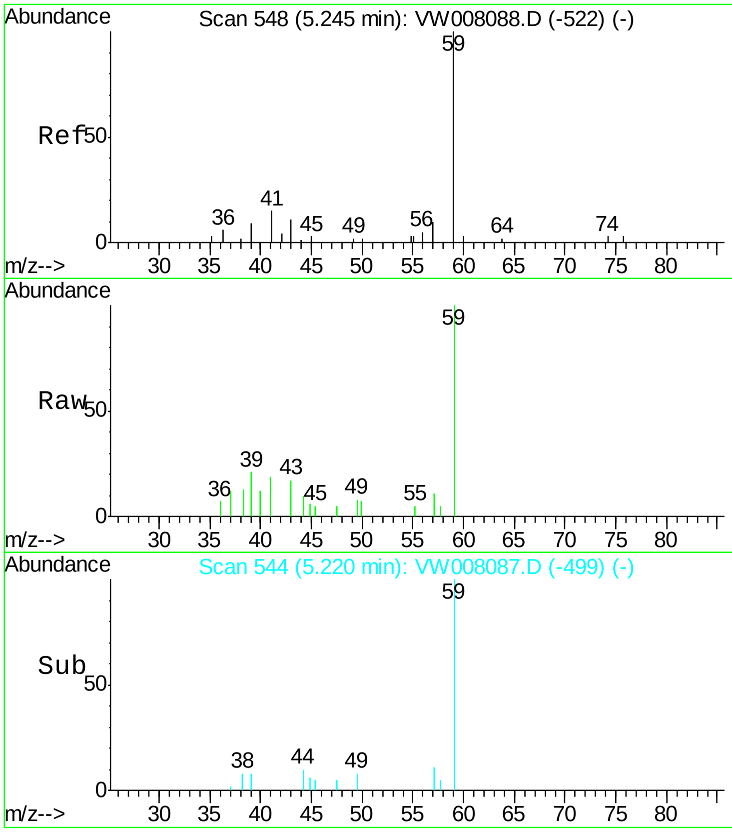


#10
Methyl Iodide
Concen: 18.206 ug/l
RT: 4.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:142 Resp: 24280

Ion	Ratio	Lower	Upper
142	100		
127	46.2	35.0	52.4
141	15.4	11.8	17.6





#11
Tert butyl alcohol
Concen: 118.936 ug/l m
RT: 5.22 min Scan# 544
Delta R.T. -0.02 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 59 Resp: 6950

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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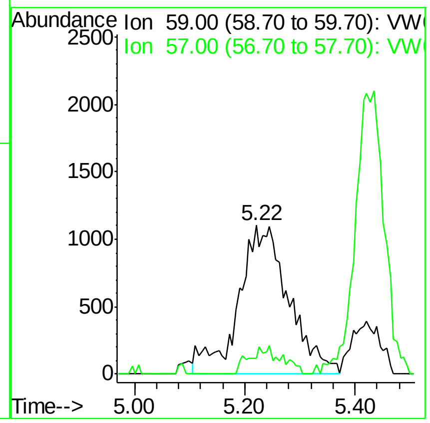
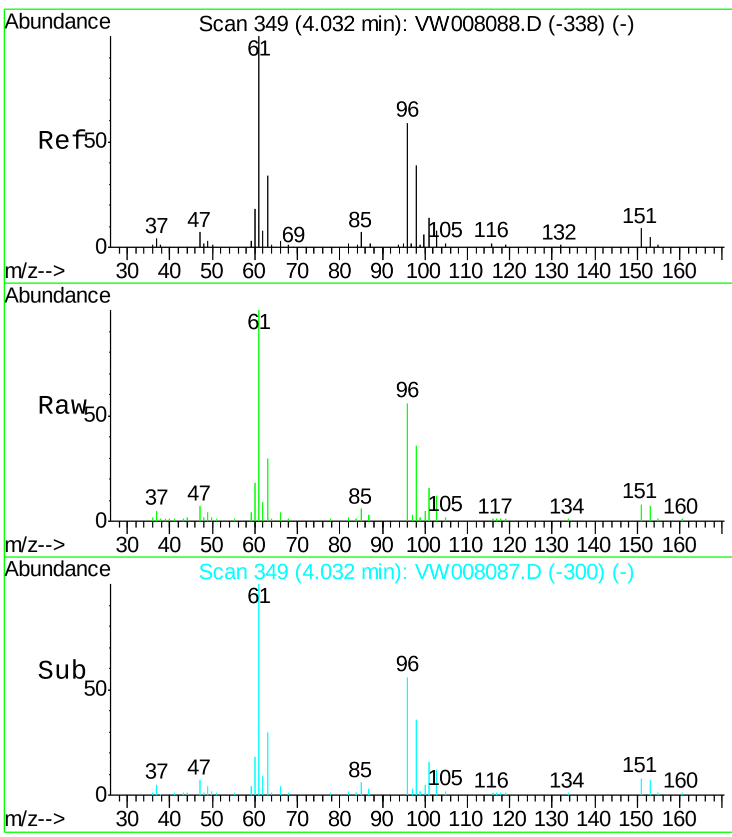
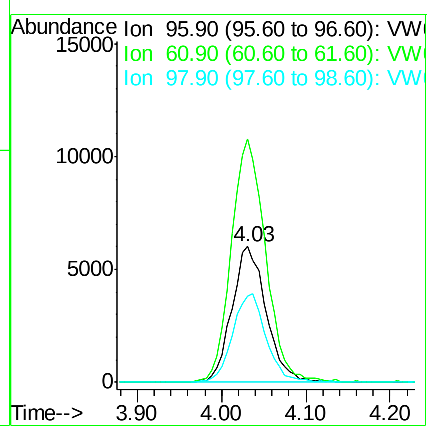


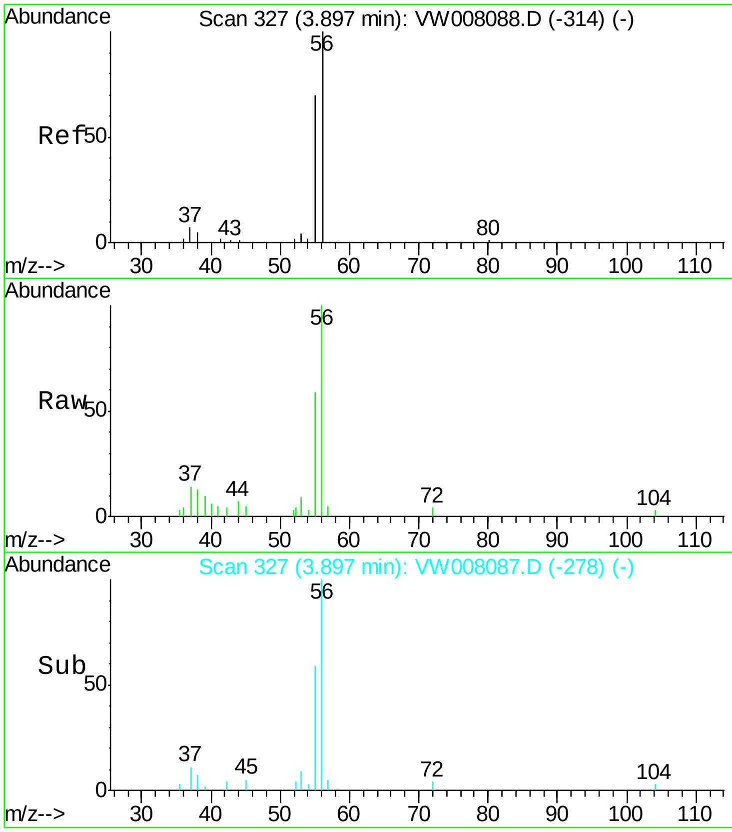


#12
1,1-Dichloroethene
Concen: 20.491 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 96 Resp: 16622

Ion	Ratio	Lower	Upper
96	100		
61	179.1	135.4	203.2
98	63.9	52.5	78.7





#13
Acrolein
Concen: 112.925 ug/l
RT: 3.90 min   Scan# 327
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion: 56 Resp: 4879

Ion	Ratio	Lower	Upper
56	100		
55	69.7	56.6	84.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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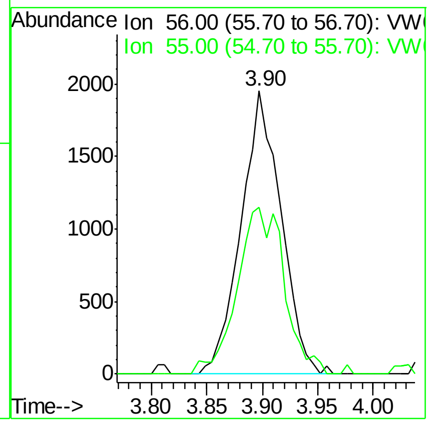
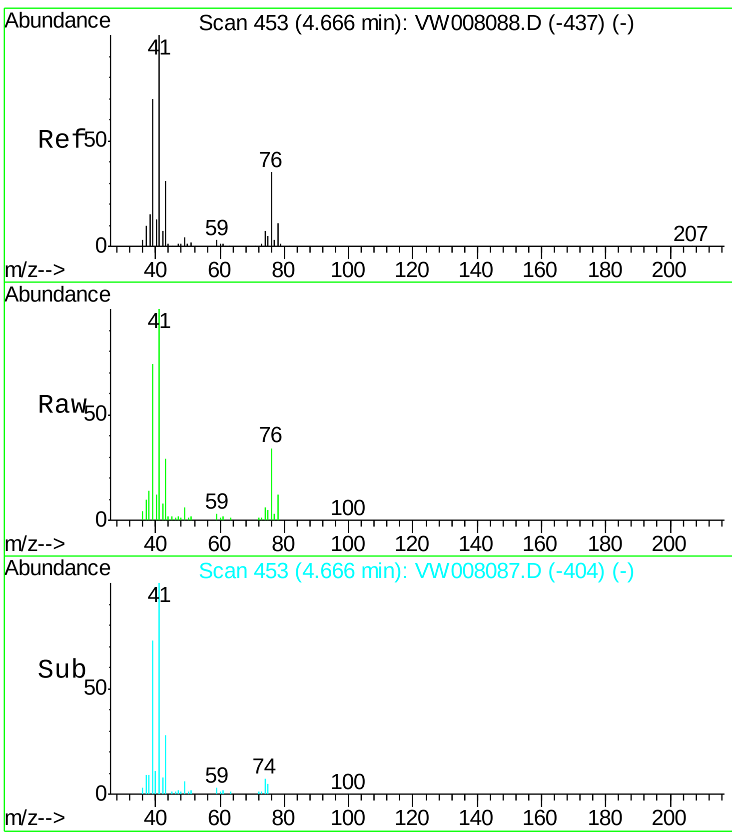
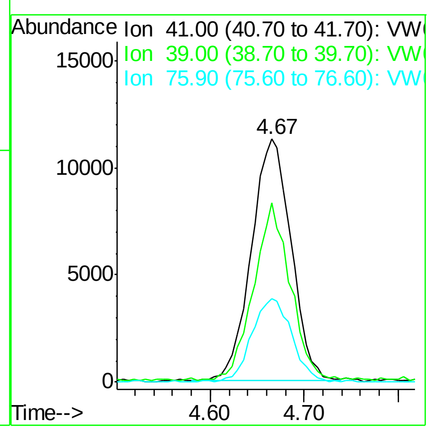


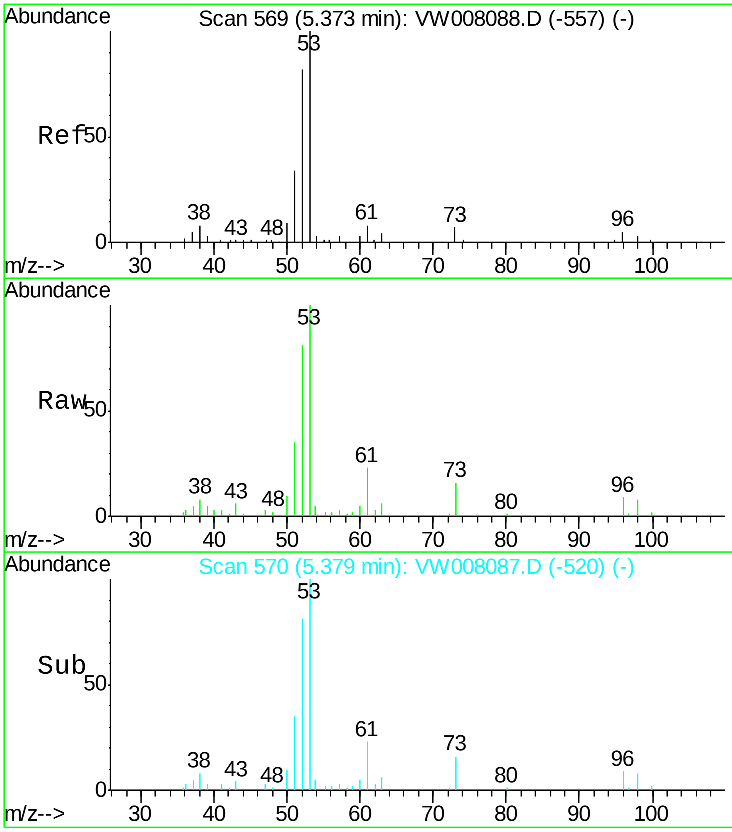


#14
Allyl chloride
Concen: 28.706 ug/l
RT: 4.67 min   Scan# 453
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion: 41 Resp: 33443

Ion	Ratio	Lower	Upper
41	100		
39	67.2	53.8	80.8
76	34.7	27.6	41.4





#15
Acrylonitrile
Concen: 146.897 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 20766

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.8	100.2
51	36.9	29.7	44.5

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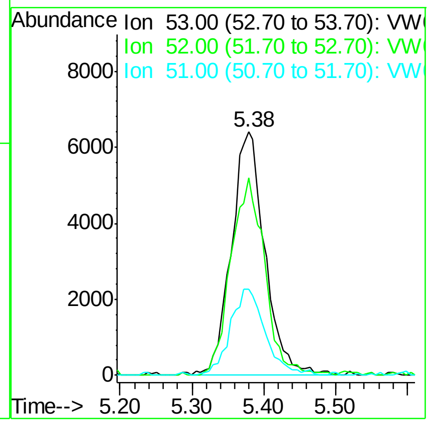
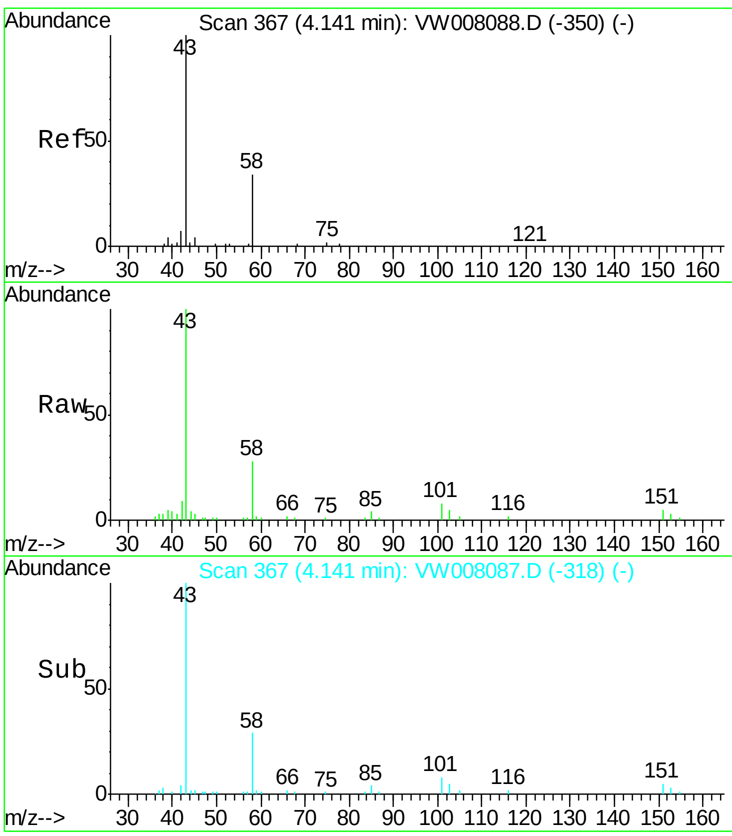
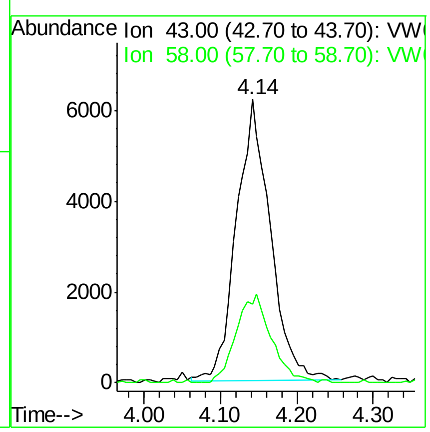


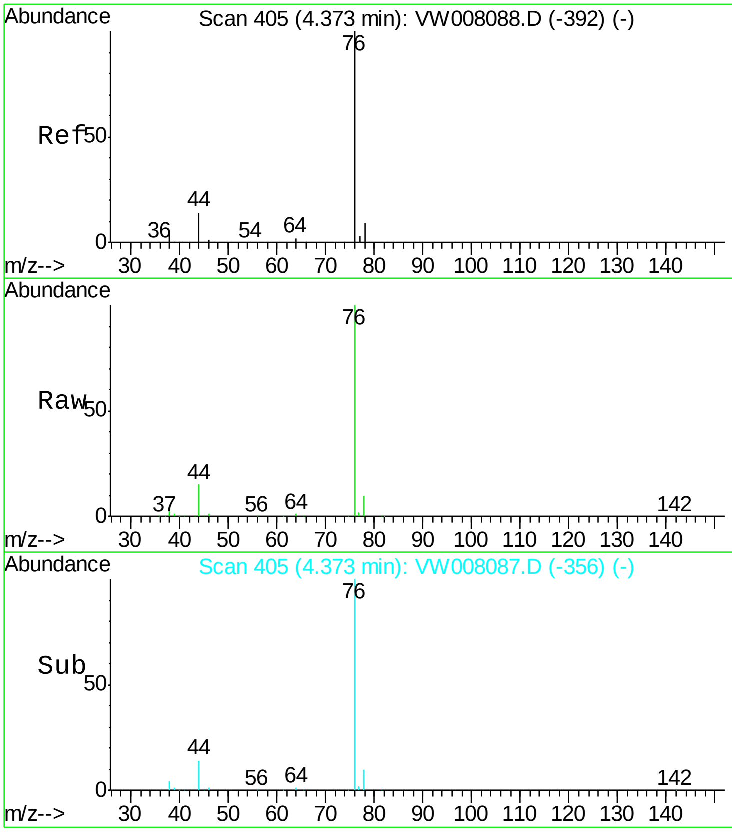


#16
Acetone
Concen: 135.169 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 19174

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.5	41.3





#17
Carbon Disulfide
Concen: 21.803 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 76 Resp: 54126

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.0	10.6

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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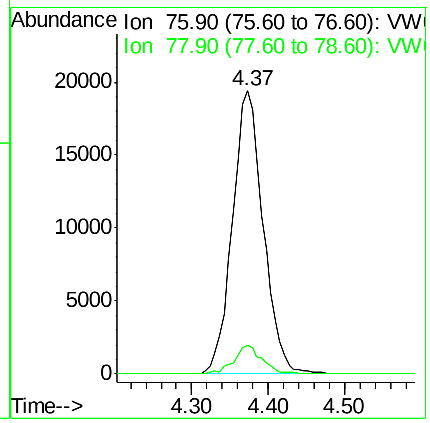
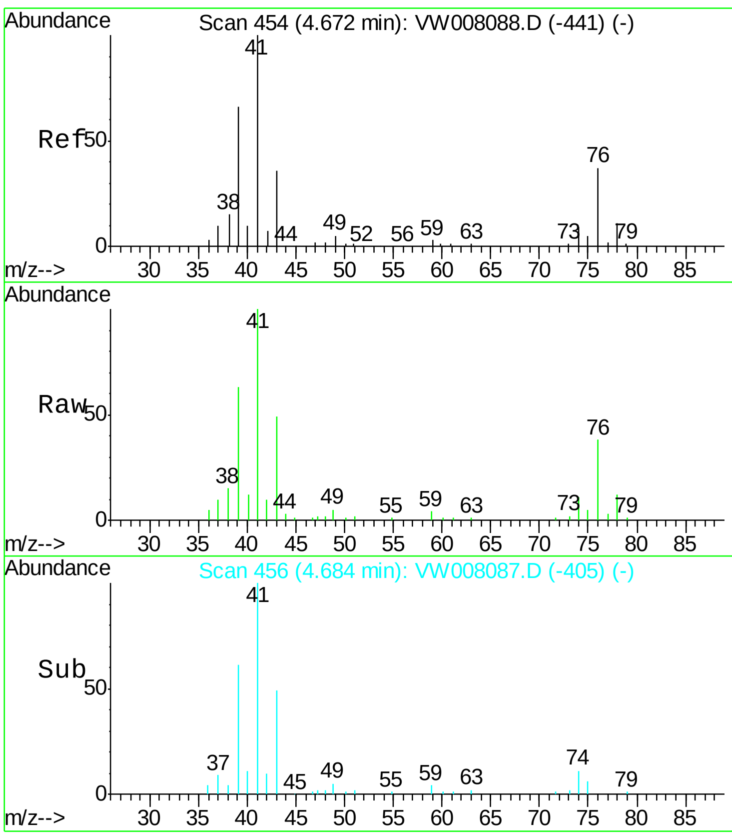
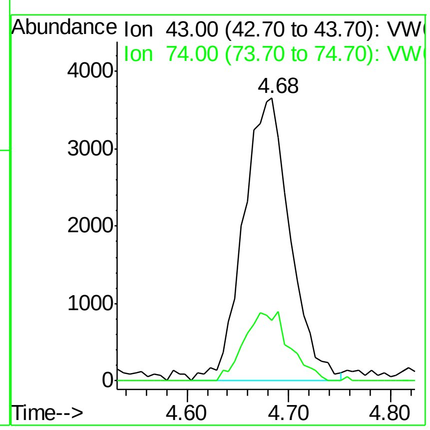


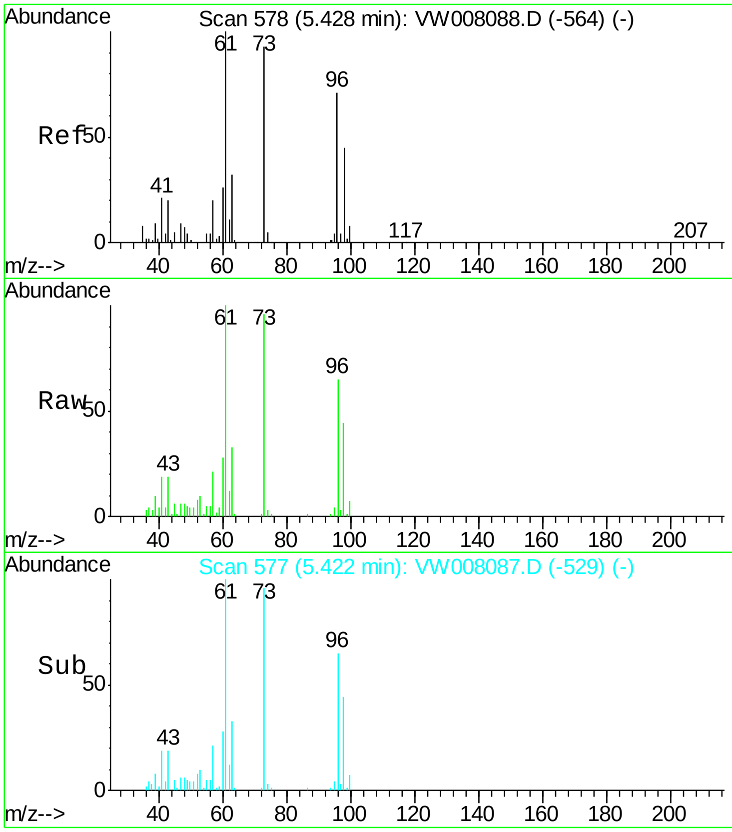


#18
Methyl Acetate
Concen: 30.163 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 11721

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.0	28.4





#19
Methyl tert-butyl Ether
Concen: 24.496 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 31309

Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.7	25.1

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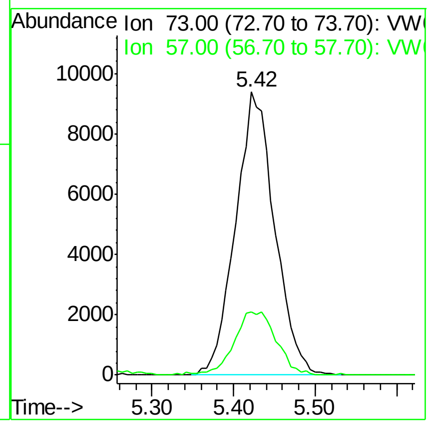
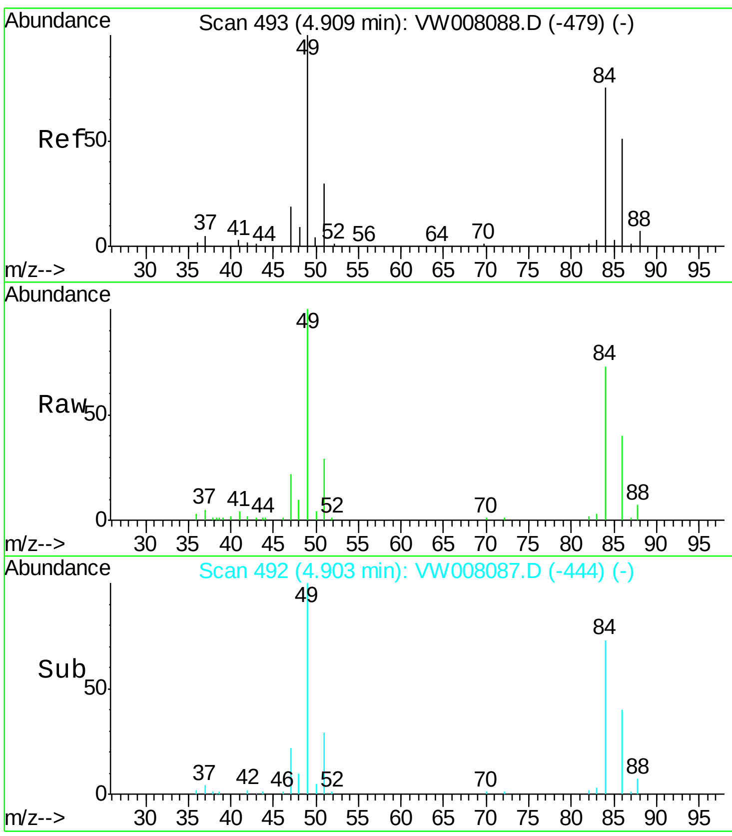
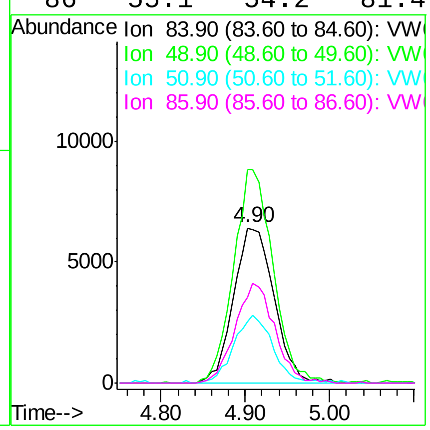


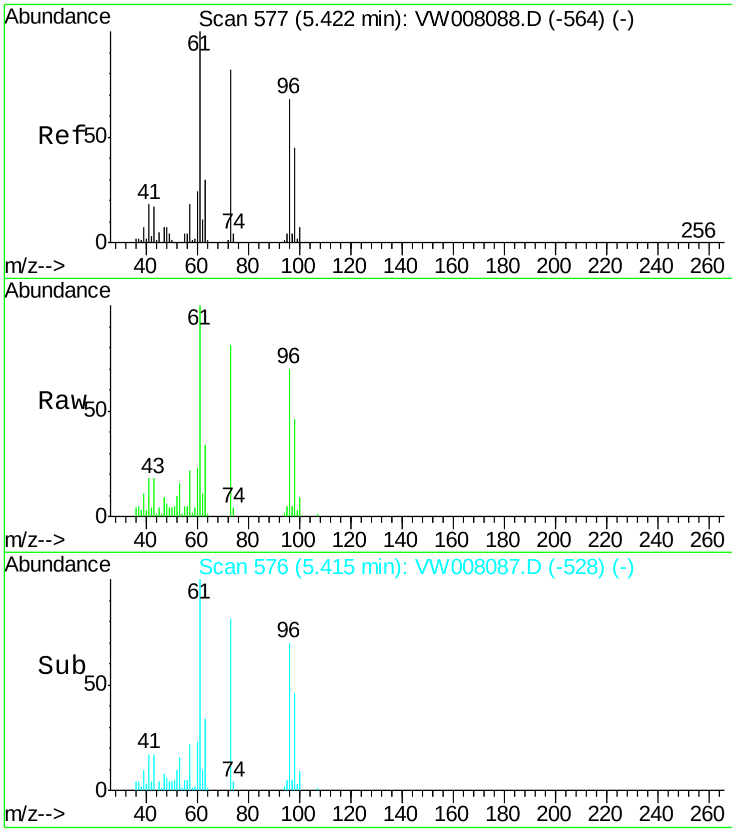


#20
Methylene Chloride
Concen: 22.051 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 84 Resp: 20989

Ion	Ratio	Lower	Upper
84	100		
49	137.4	107.1	160.7
51	39.7	32.4	48.6
86	55.1	54.2	81.4





#21
trans-1,2-Dichloroethene
Concen: 22.840 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 96 Resp: 20141

Ion	Ratio	Lower	Upper
96	100		
61	142.1	117.4	176.0
98	65.2	52.2	78.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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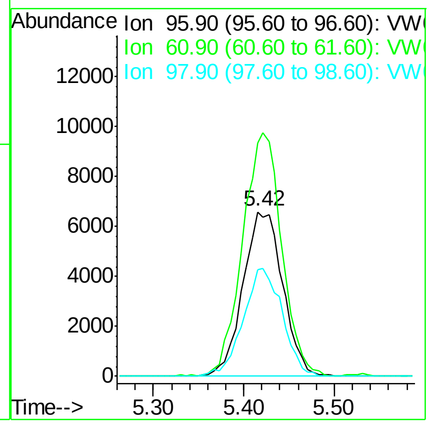
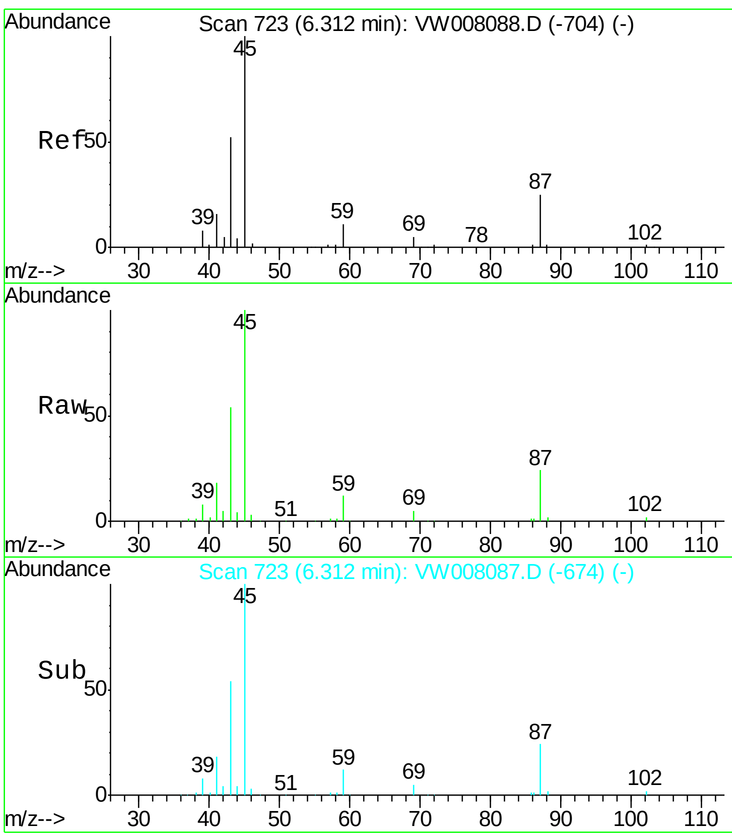
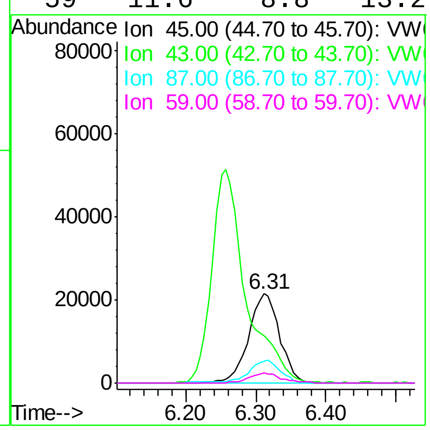


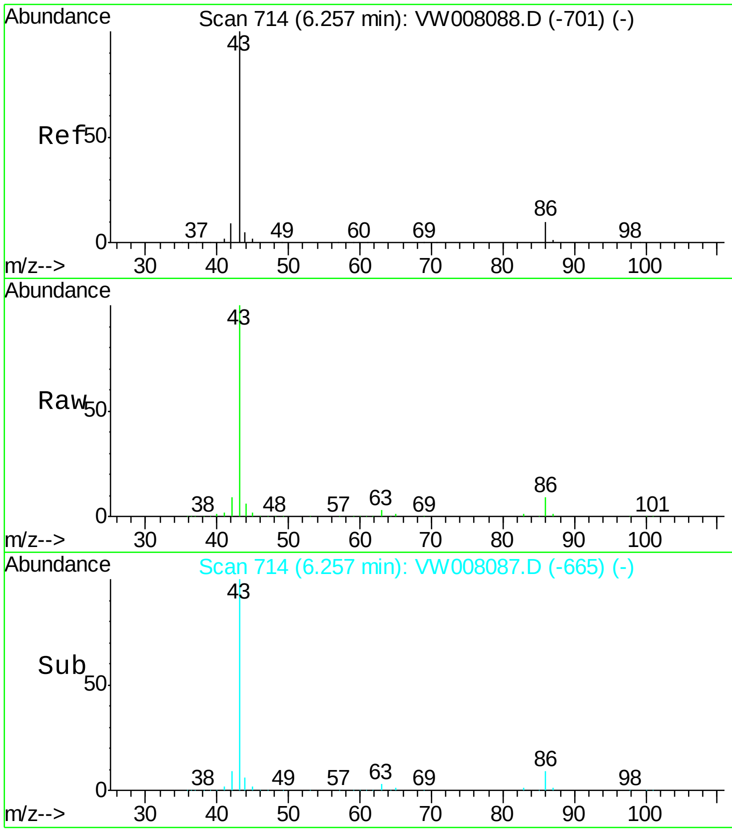


#22
Diisopropyl ether
Concen: 31.617 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 45 Resp: 66659

Ion	Ratio	Lower	Upper
45	100		
43	53.1	41.7	62.5
87	24.4	20.1	30.1
59	11.6	8.8	13.2





#23
Vinyl Acetate
Concen: 149.420 ug/l
RT: 6.26 min Scan# 714
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 174003

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.7	11.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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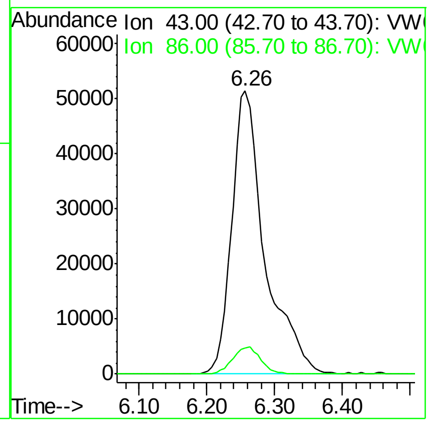
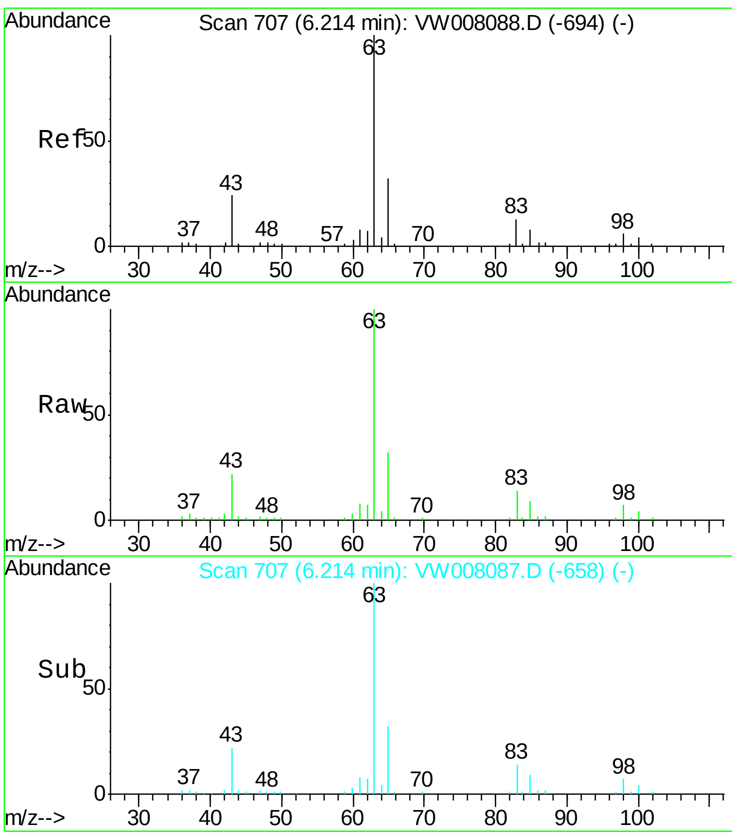
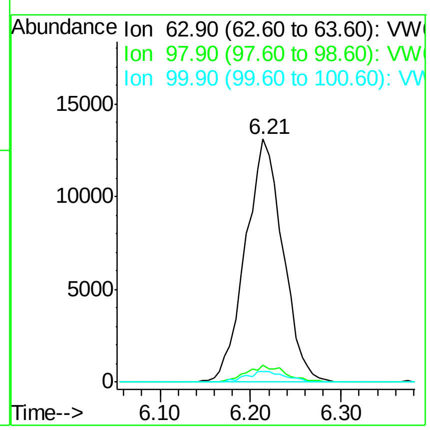


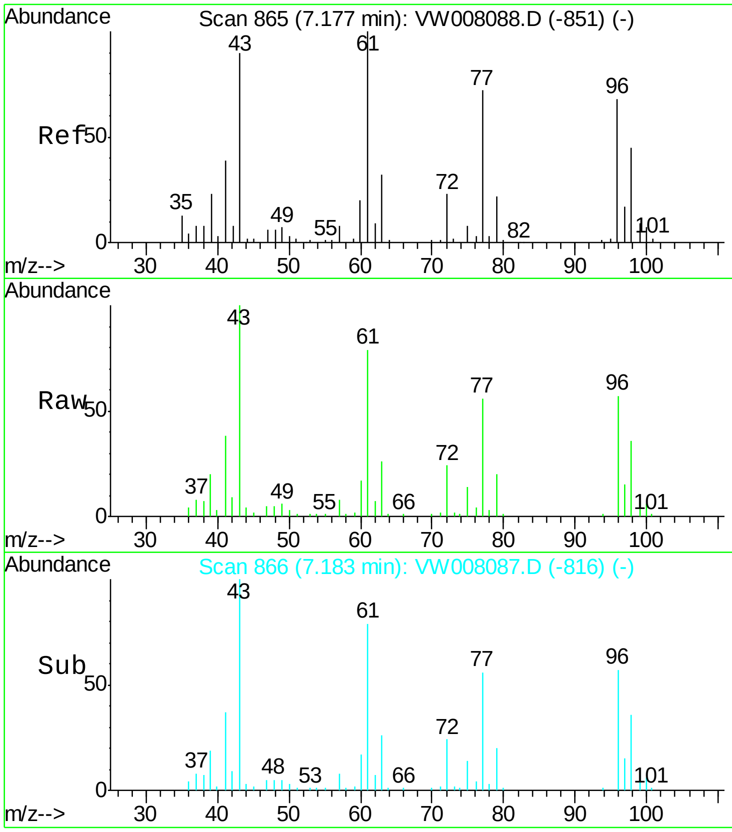


#24
1,1-Dichloroethane
Concen: 25.298 ug/l
RT: 6.21 min Scan# 707
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 63 Resp: 37655

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.2	9.6
100	4.4	2.0	6.0





#25
2-Butanone
Concen: 157.808 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 27342

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.5	30.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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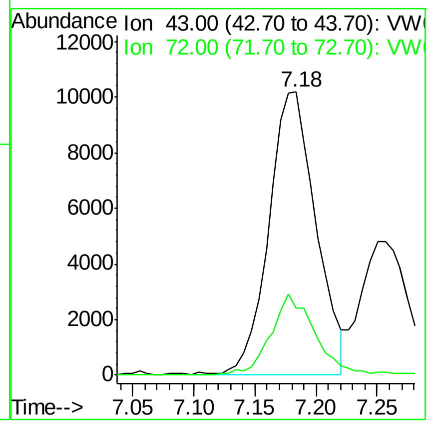
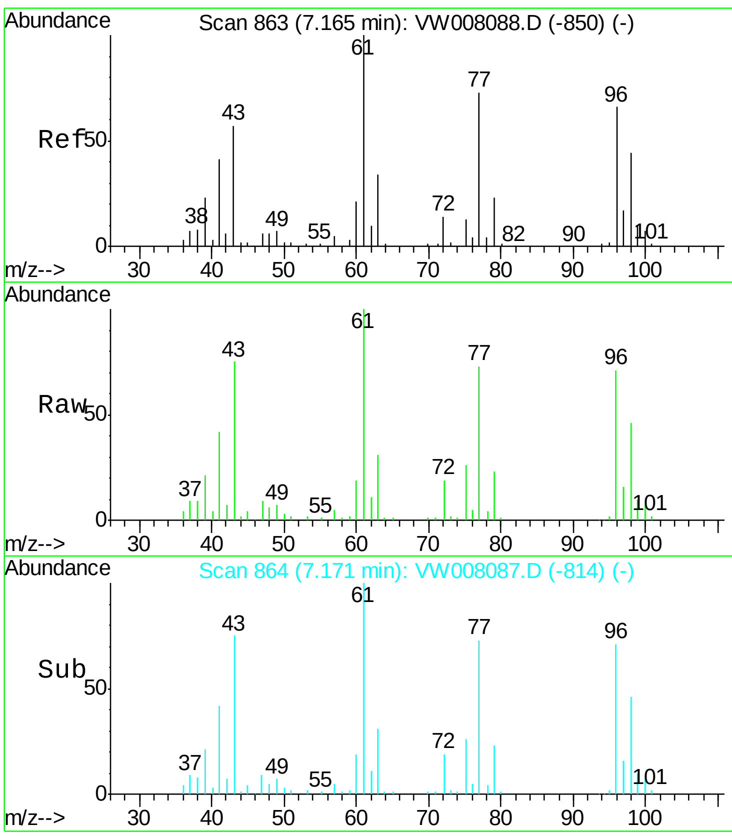
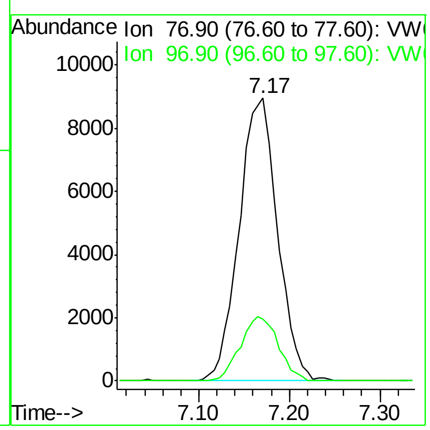


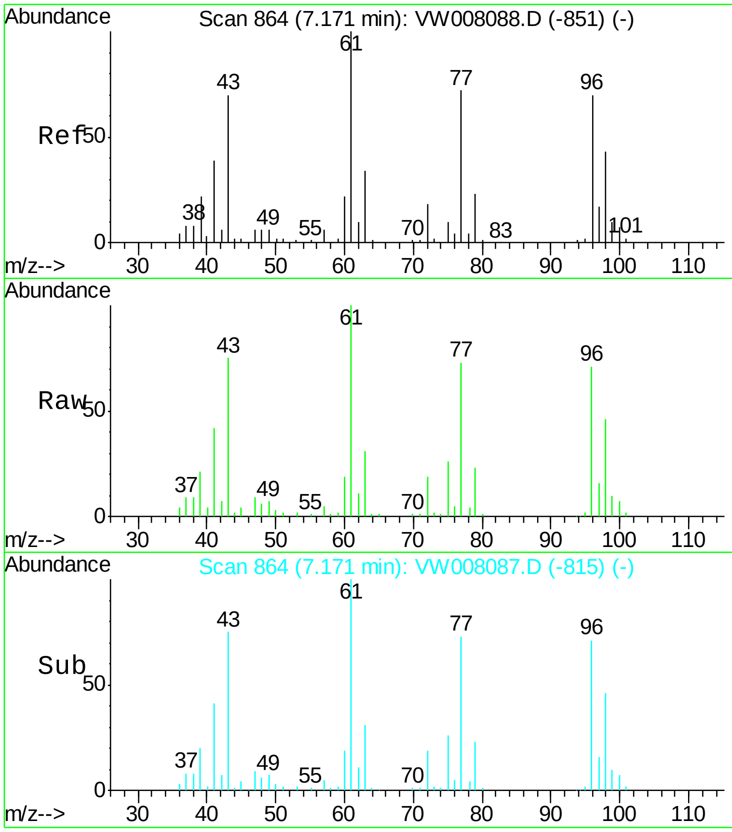


#26
2,2-Dichloropropane
Concen: 22.174 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 77 Resp: 26310

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1






```
#27
cis-1,2-Dichloroethene
Concen:   23.666 ug/l
RT: 7.17 min   Scan# 864
Delta R.T.   -0.00 min
Lab File:    VW008087.D
Acq: 08 Jan 2019  16:02

Tgt Ion: 96 Resp:    22289
Ion  Ratio   Lower   Upper
 96  100
 61  148.8     0.0   300.4
 98   63.2     0.0   128.4
```

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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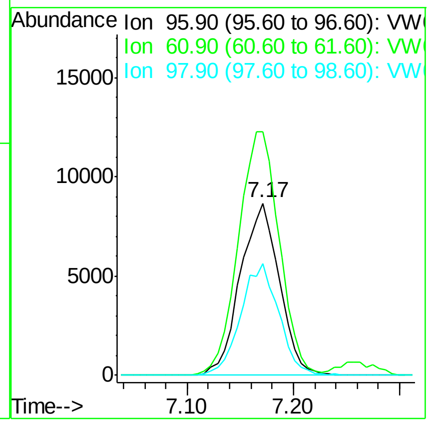
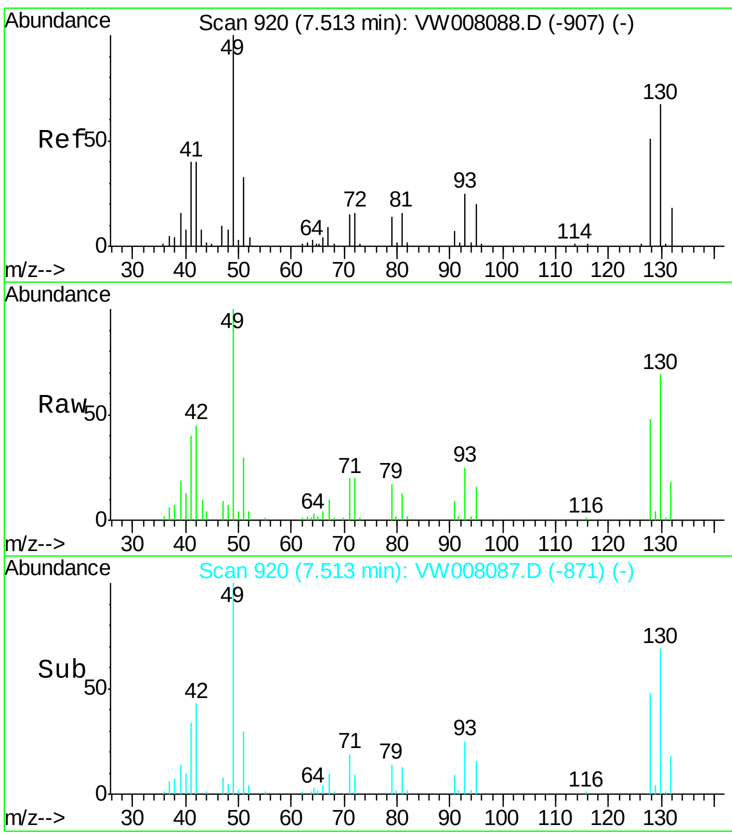
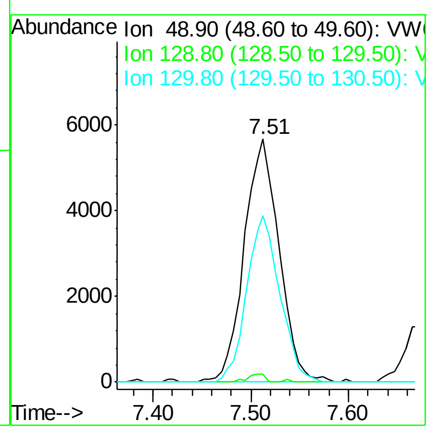
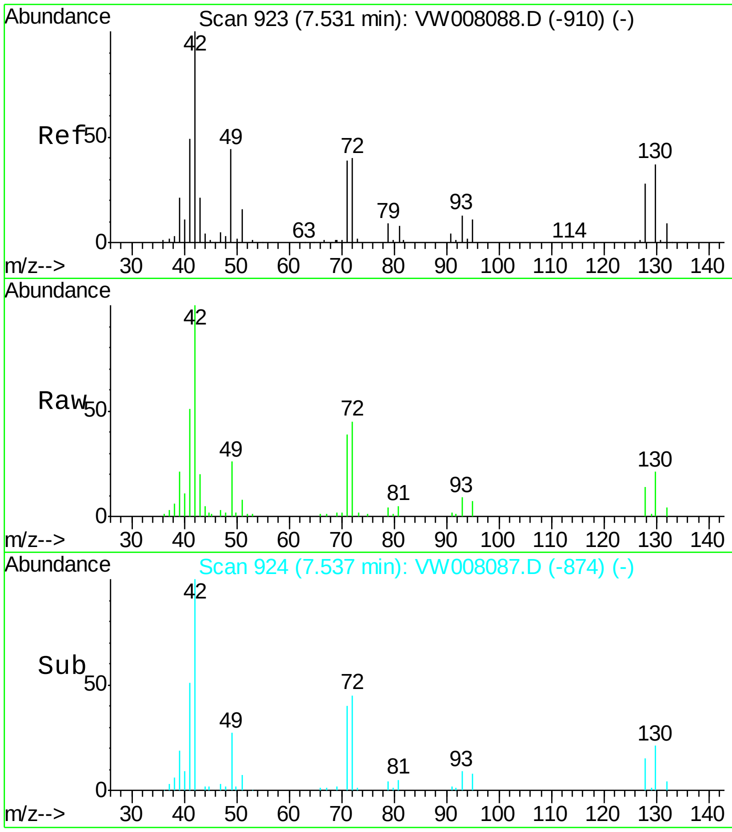





```
#28
Bromochloromethane
Concen:   27.851 ug/l
RT: 7.51 min   Scan# 920
Delta R.T.    0.00 min
Lab File:    VW008087.D
Acq: 08 Jan 2019  16:02

Tgt Ion: 49 Resp:    14090
Ion  Ratio   Lower   Upper
 49  100
129    1.7     0.0     2.8
130   64.9    54.3    81.5
```





#29
Tetrahydrofuran
Concen: 162.404 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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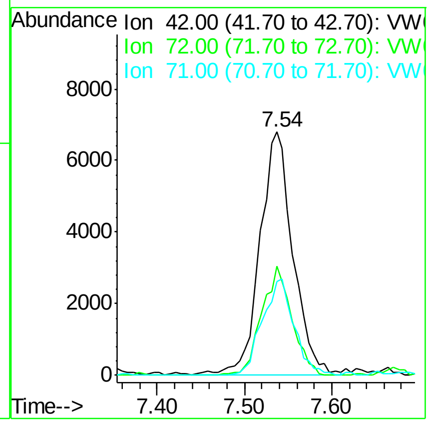
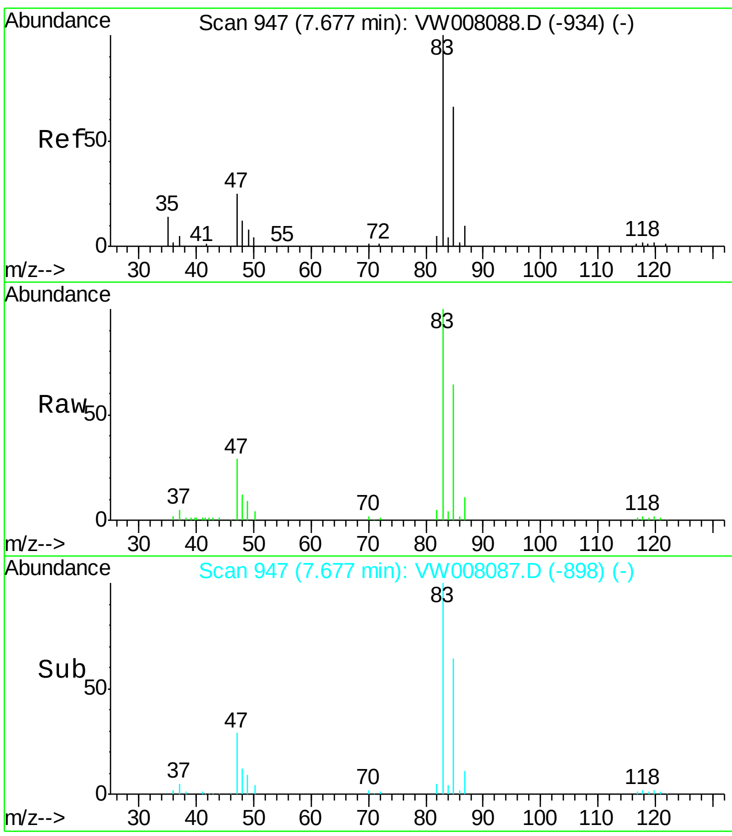
Tgt Ion: 42 Resp: 17892

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	38.0	31.3	46.9

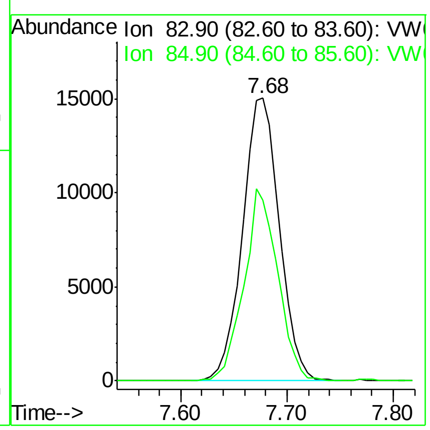


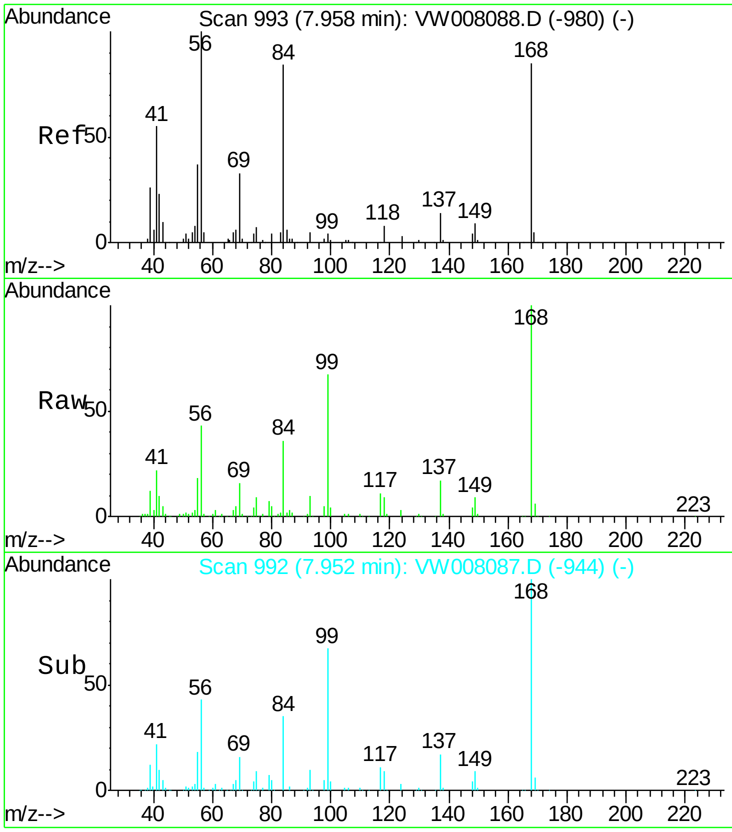


#30
Chloroform
Concen: 22.539 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 83 Resp: 36676

Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8





#31
Cyclohexane
Concen: 28.749 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 56	Resp:	41090	
Ion	Ratio	Lower	Upper
56	100		
69	36.8	26.2	39.4
84	84.3	67.4	101.2

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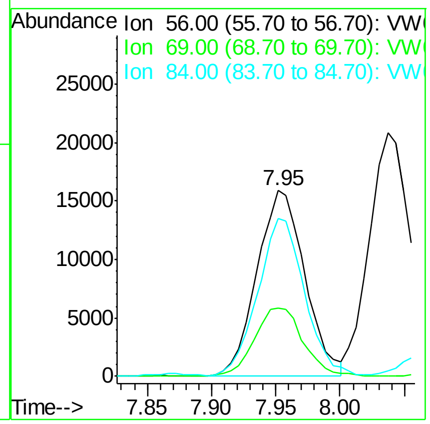
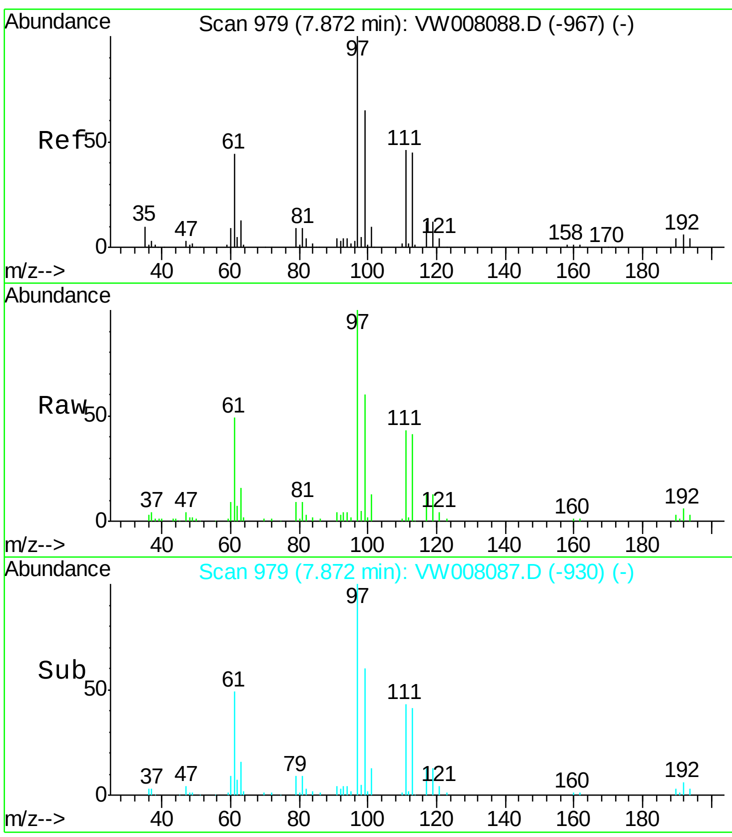
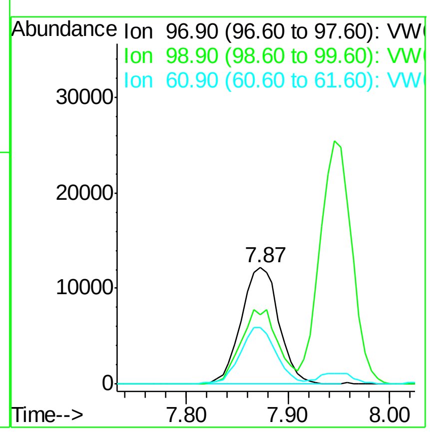
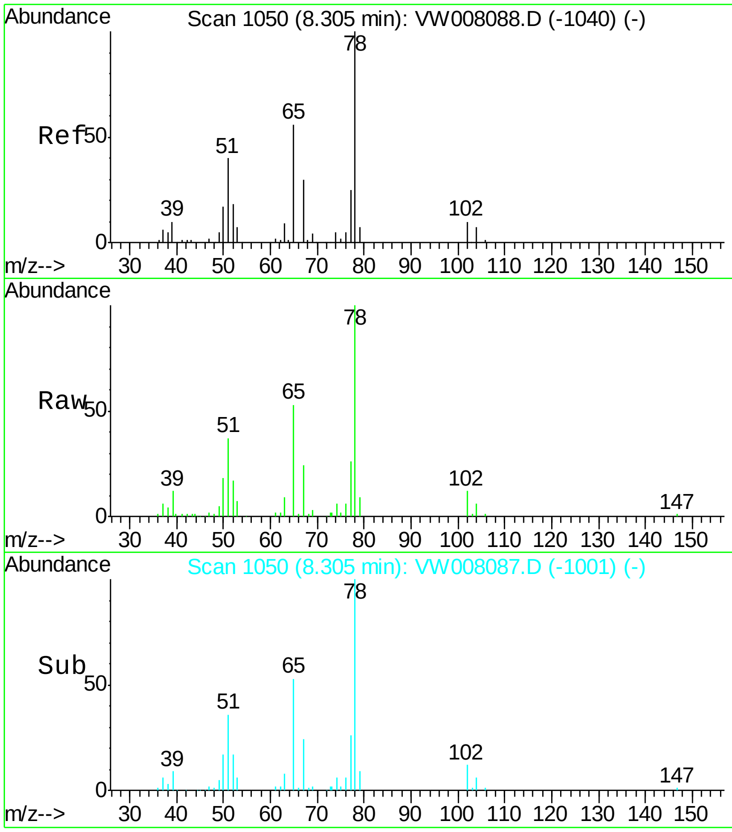




#32
1,1,1-Trichloroethane
Concen: 20.580 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 97	Resp:	31470	
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	47.0	35.6	53.4





#33
1,2-Dichloroethane-d4
Concen: 20.804 ug/l
RT: 8.31 min   Scan# 1050
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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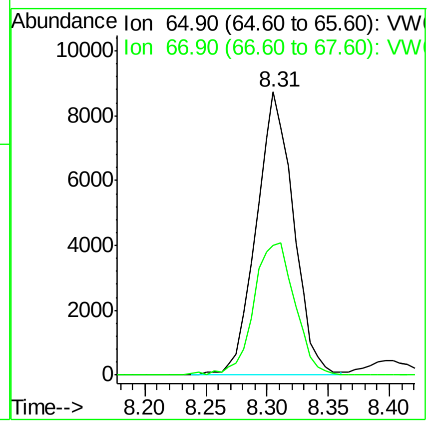
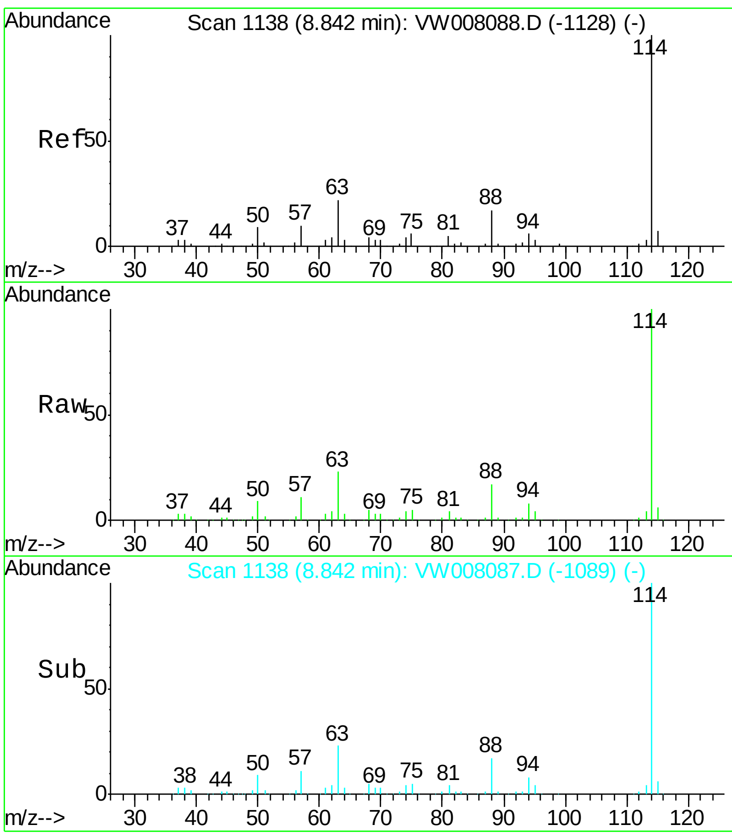
Tgt Ion: 65 Resp: 18545

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.8

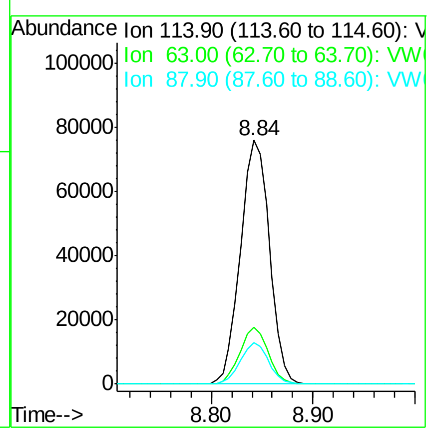


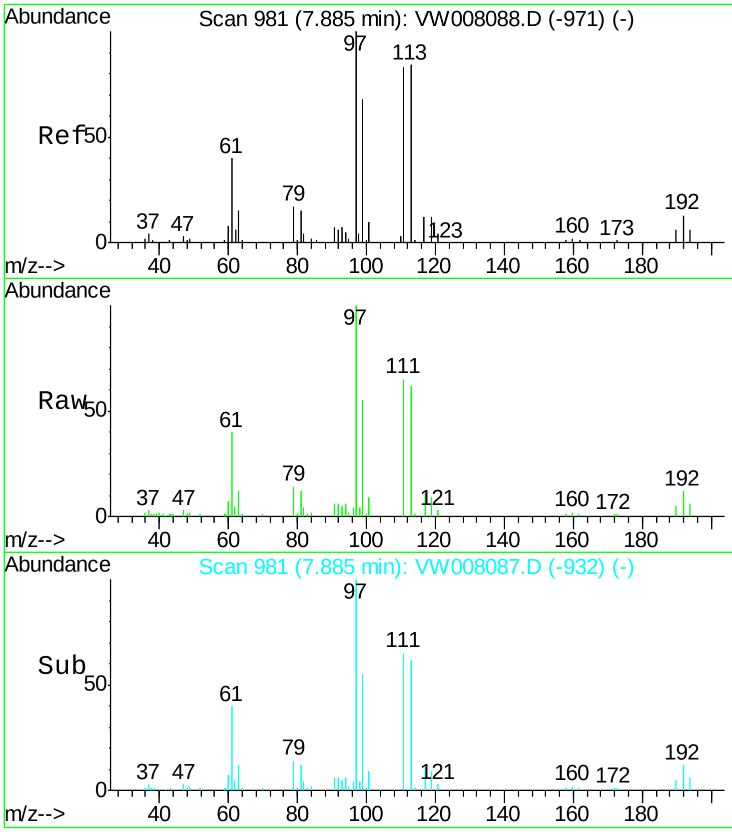


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min   Scan# 1138
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:114 Resp: 150043

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.4
88	17.0	0.0	33.4





#35
Dibromofluoromethane
Concen: 17.962 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 16709

Ion	Ratio	Lower	Upper
113	100		
111	98.1	81.8	122.8
192	15.8	12.8	19.2

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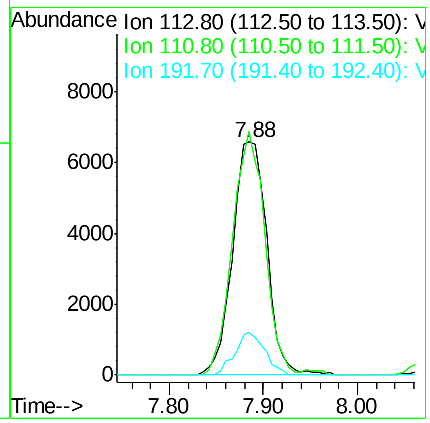
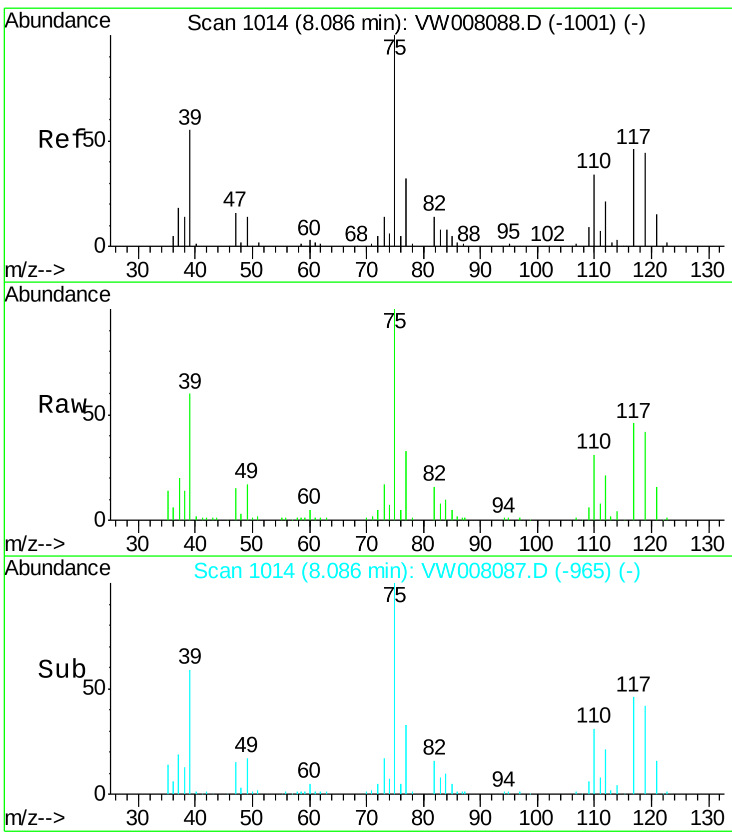
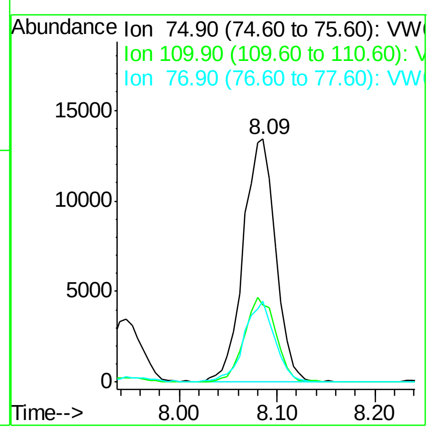


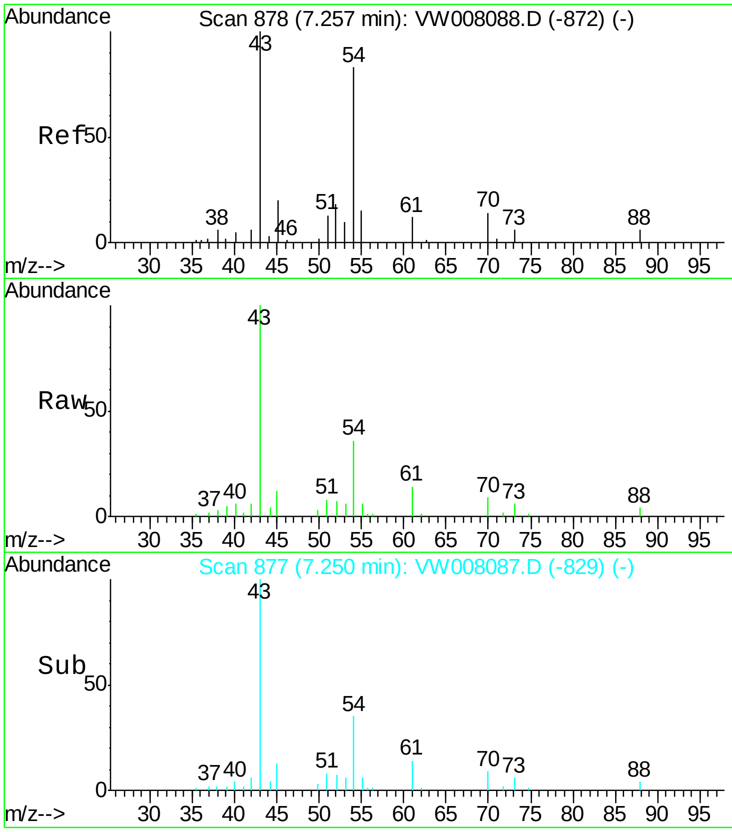


#36
1,1-Dichloropropene
Concen: 21.026 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 75 Resp: 30888

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.1	51.3
77	31.7	25.5	38.3





#37
Ethyl Acetate
Concen: 25.920 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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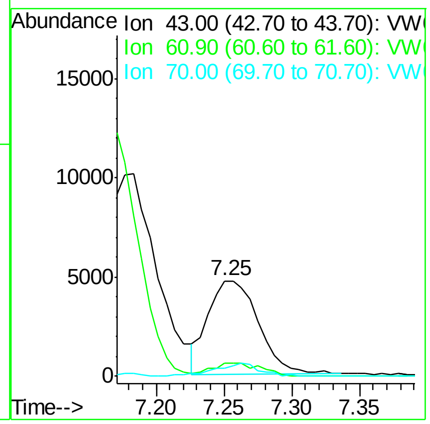
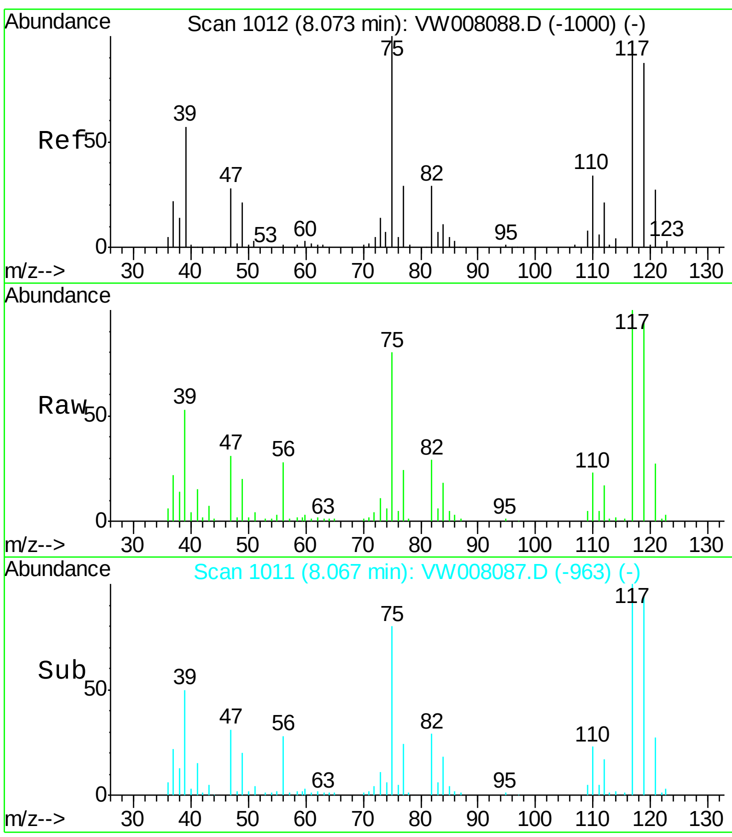
Tgt Ion: 43 Resp: 12142

Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	12.4	8.9	13.3

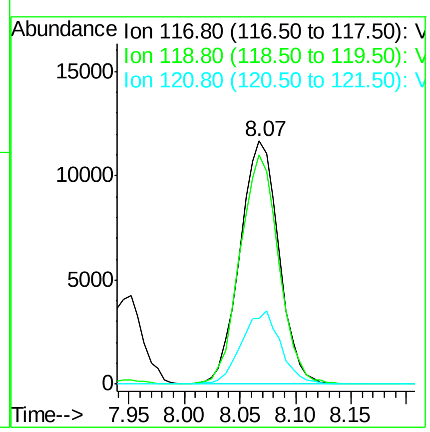


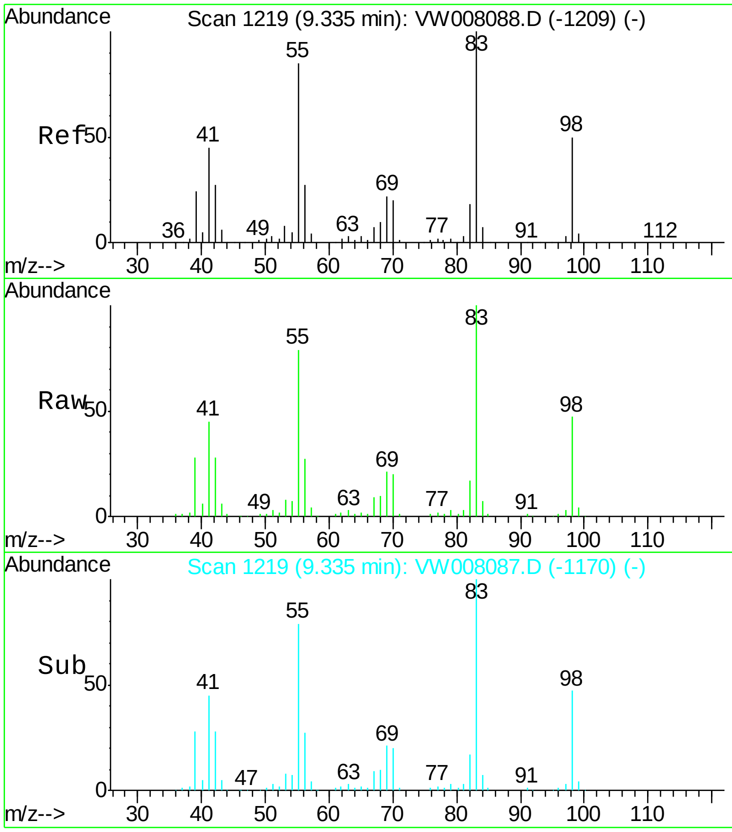


#38
Carbon Tetrachloride
Concen: 16.815 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:117 Resp: 28438

Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.8	113.8
121	26.8	23.7	35.5





#39
Methylcyclohexane
Concen: 20.828 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 83 Resp: 38343

Ion	Ratio	Lower	Upper
83	100		
55	78.7	67.8	101.6
98	47.4	40.2	60.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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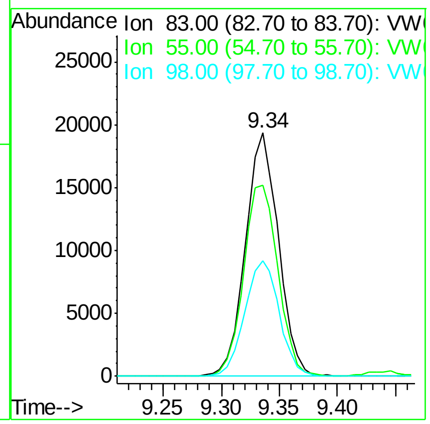
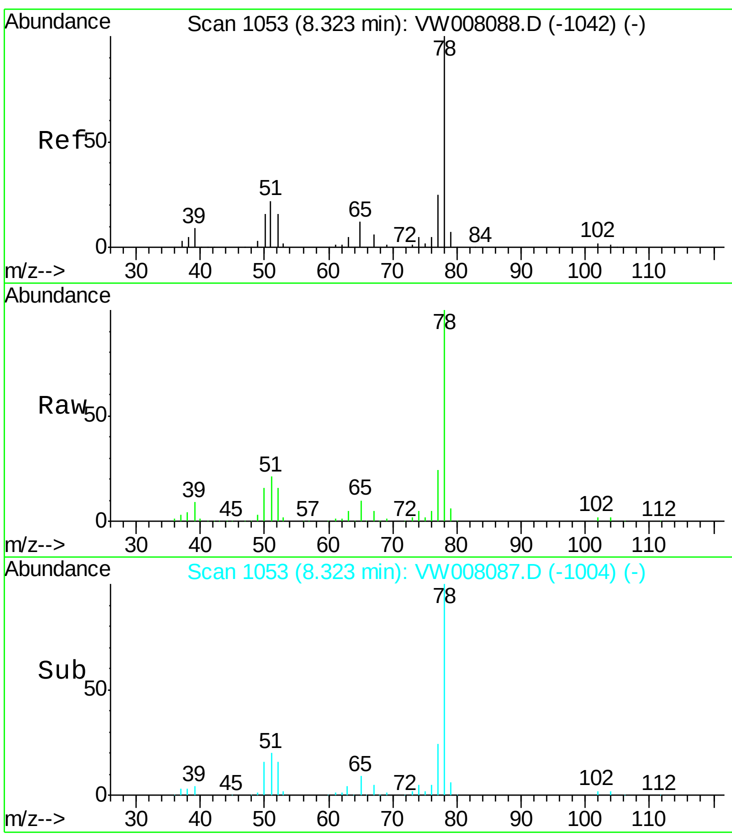
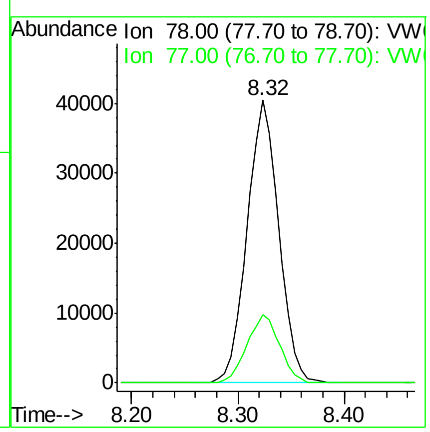


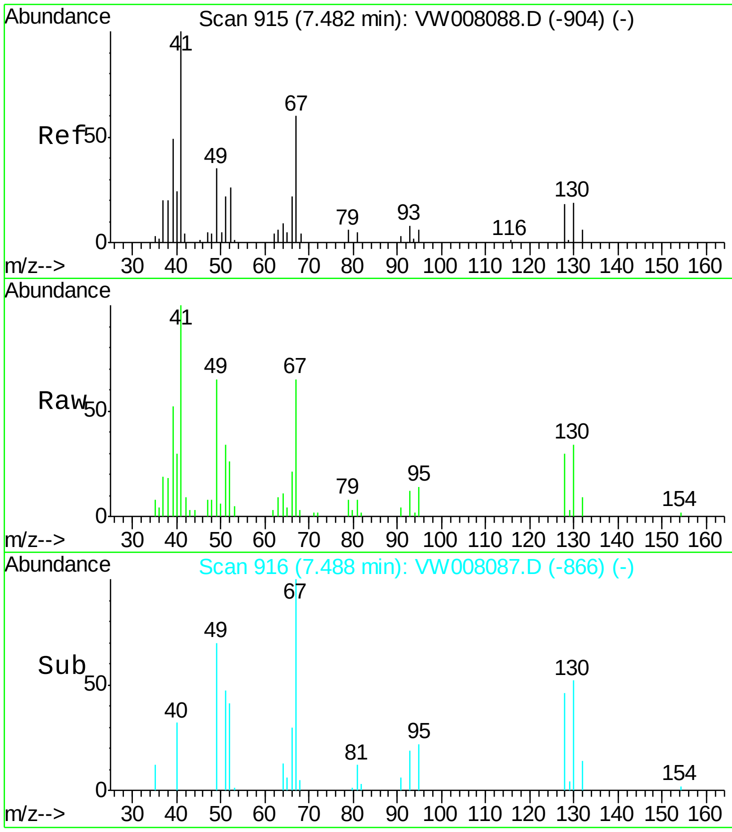


#40
Benzene
Concen: 21.678 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 78 Resp: 84661

Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.2	30.4





#41
Methacrylonitrile
Concen: 27.982 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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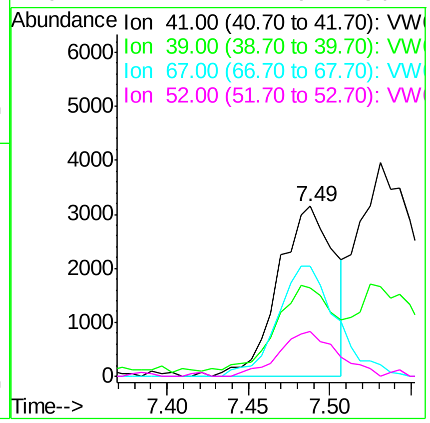
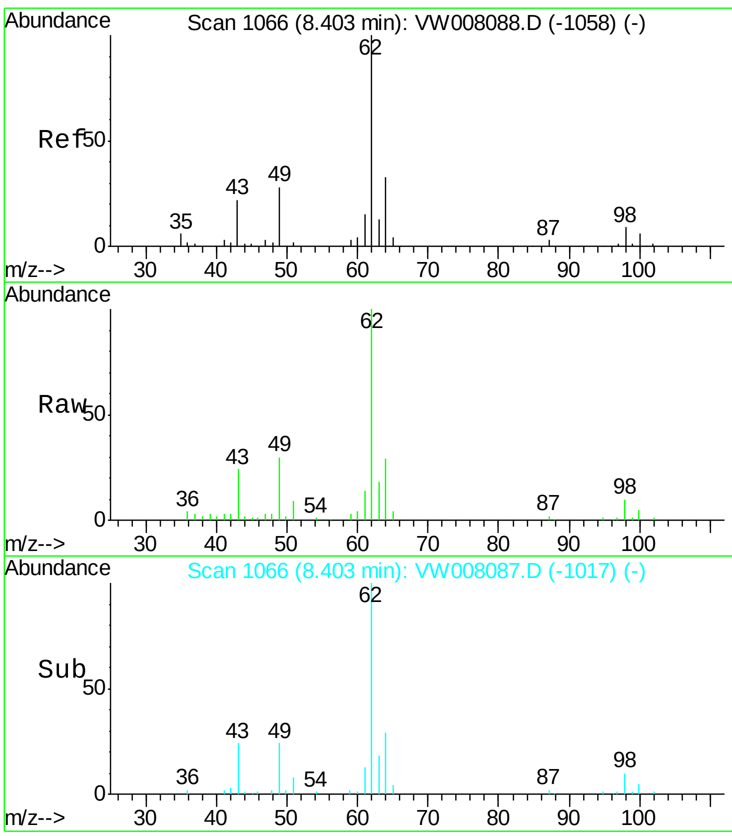
Tgt Ion: 41 Resp: 7518

Ion	Ratio	Lower	Upper
41	100		
39	51.1	47.9	71.9
67	67.9	56.3	84.5
52	27.2	24.5	36.7

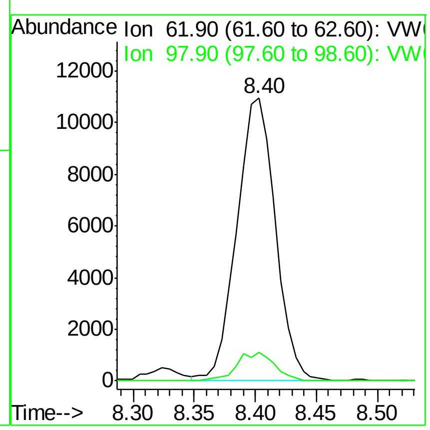


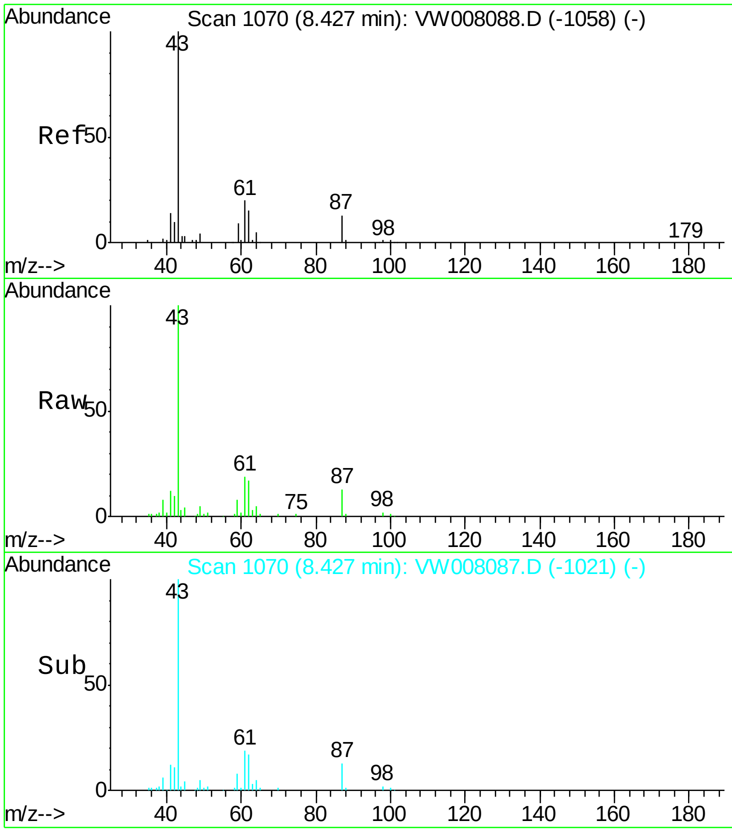


#42
1,2-Dichloroethane
Concen: 19.005 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 62 Resp: 24040

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43
Isopropyl Acetate
Concen: 27.090 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Tgt Ion: 43 Resp: 25080

Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.8	37.2
87	12.5	10.4	15.6

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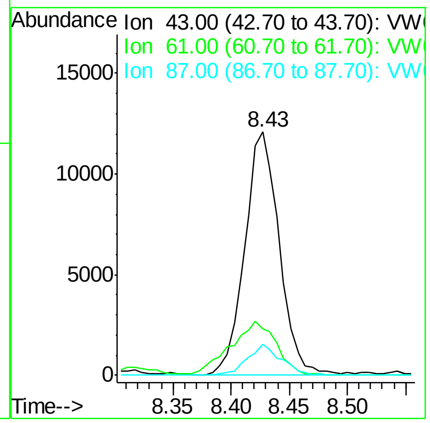
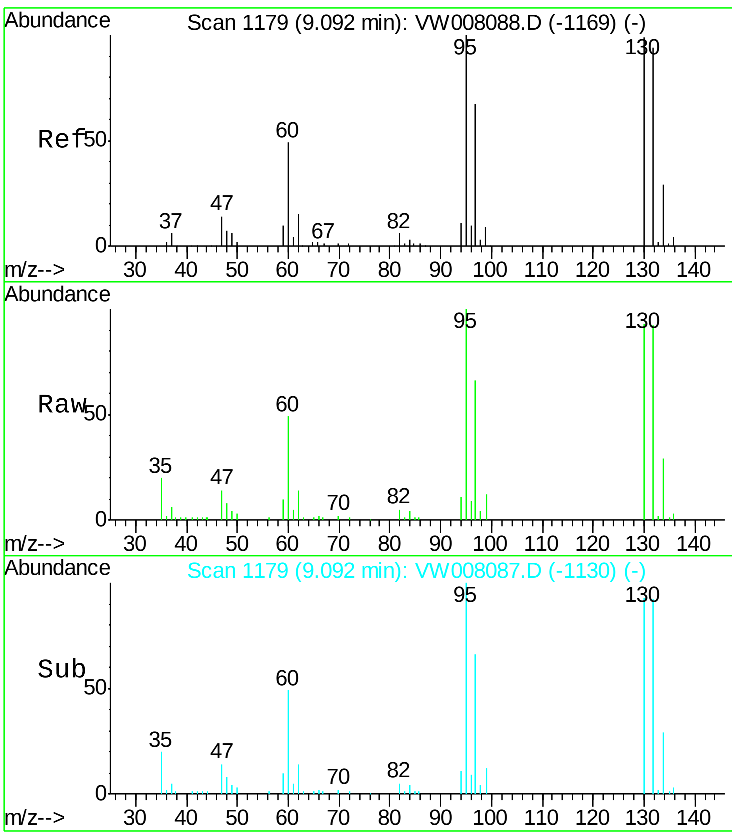
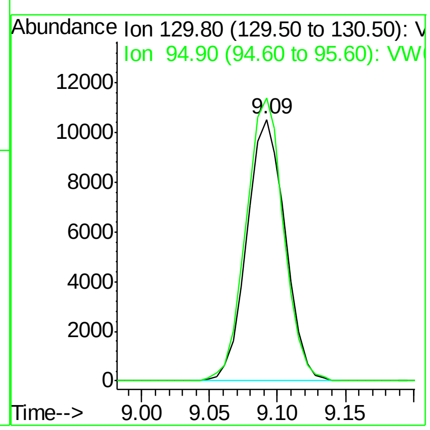


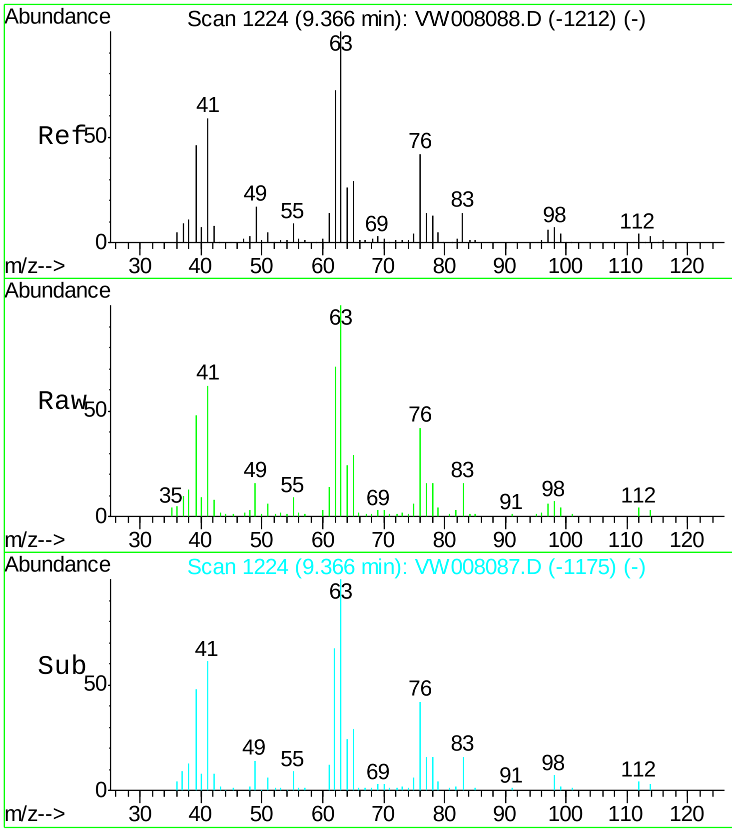


#44
Trichloroethene
Concen: 18.539 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:130 Resp: 20816

Ion	Ratio	Lower	Upper
130	100		
95	108.0	0.0	202.8





#45
1,2-Dichloropropane
Concen: 24.242 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 63 Resp: 21000

Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.3	34.9

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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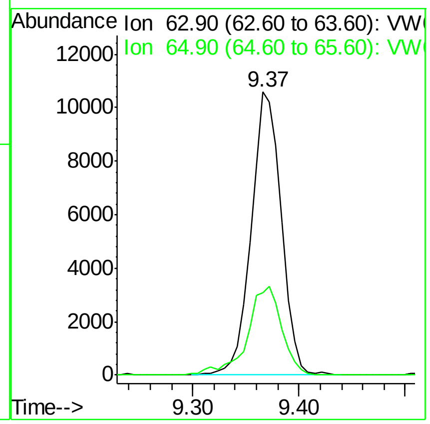
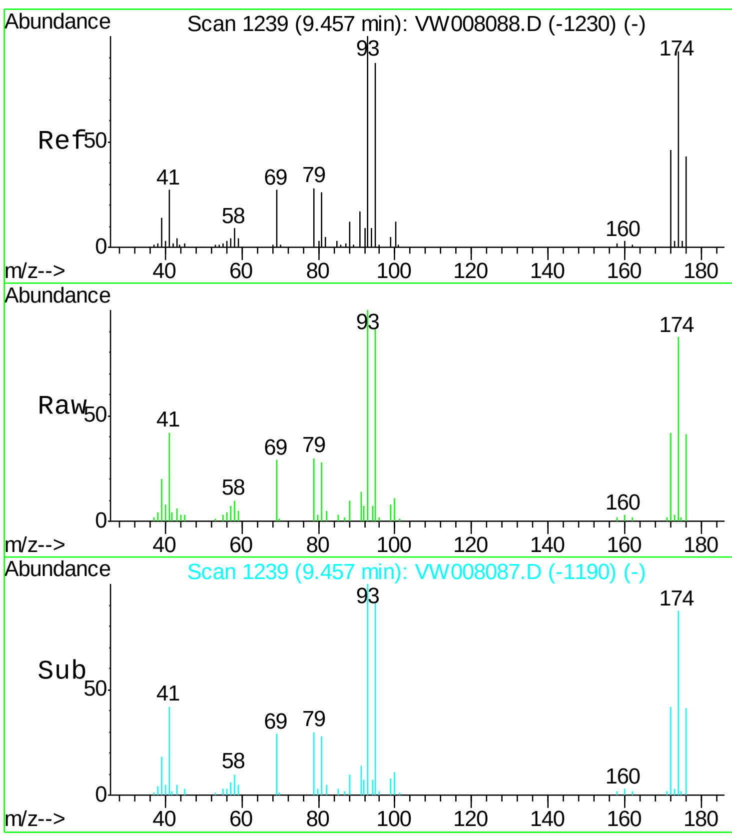
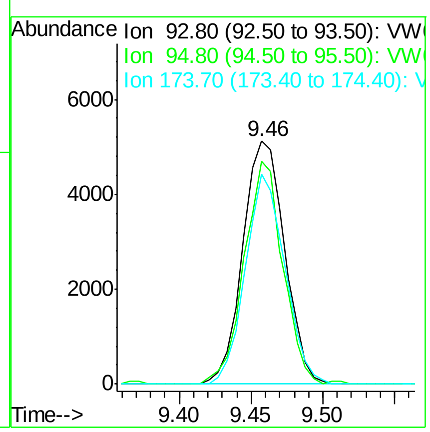


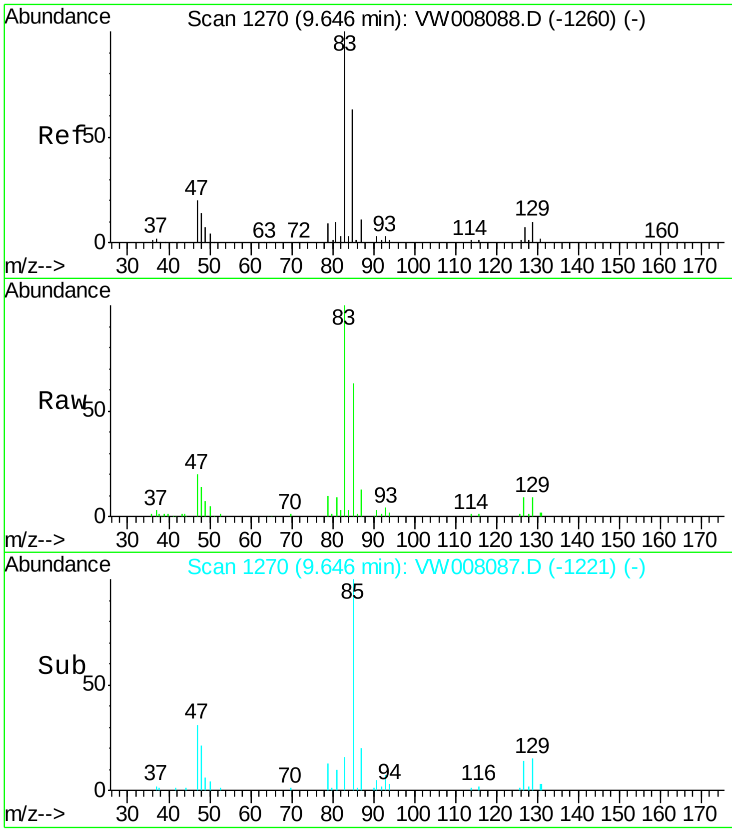


#46
Dibromomethane
Concen: 21.098 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 93 Resp: 10327

Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.5	101.3
174	81.4	72.5	108.7





#47
Bromodichloromethane
Concen: 18.982 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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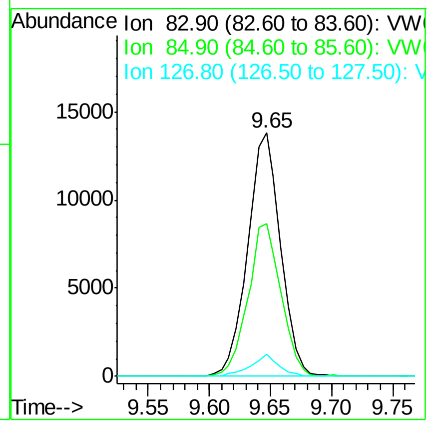
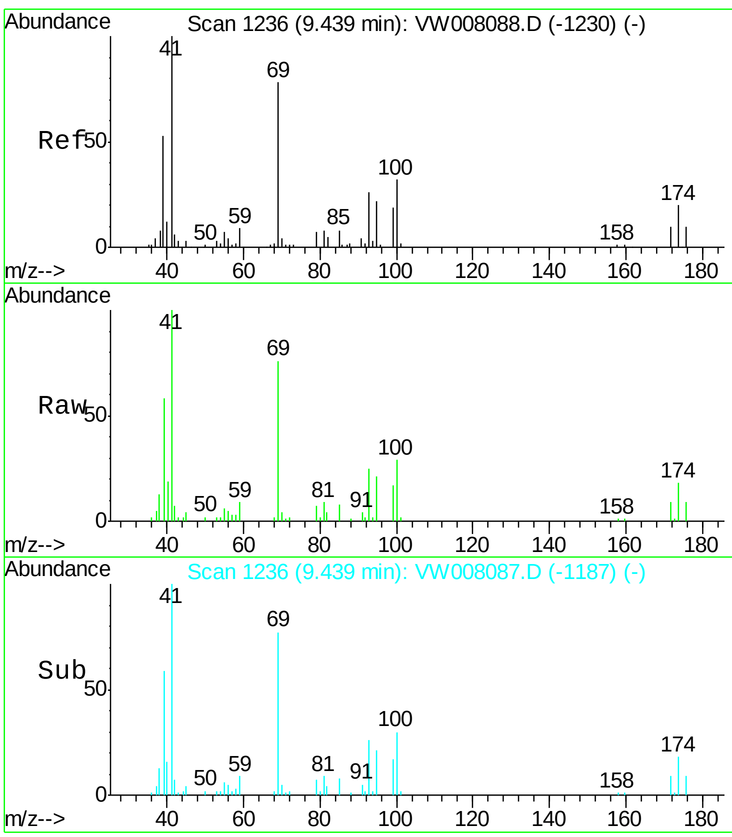
Tgt Ion: 83 Resp: 25797

Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.7	76.1
127	8.9	6.0	9.0

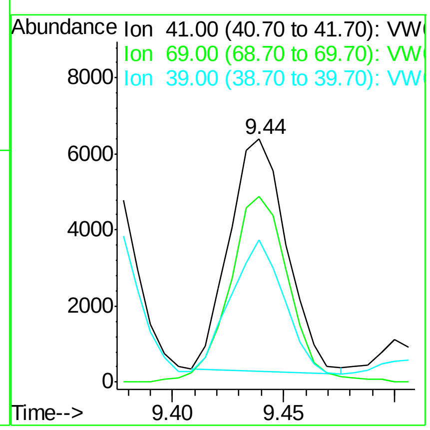


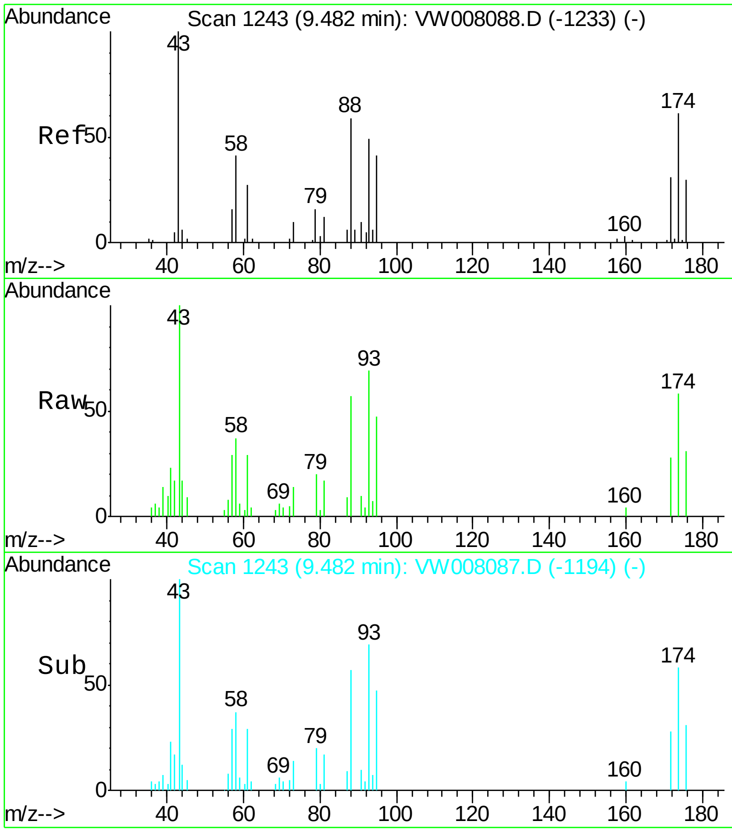


#48
Methyl methacrylate
Concen: 23.538 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 41 Resp: 11007

Ion	Ratio	Lower	Upper
41	100		
69	82.1	61.9	92.9
39	53.3	43.0	64.4





#49
1,4-Dioxane
Concen: 426.904 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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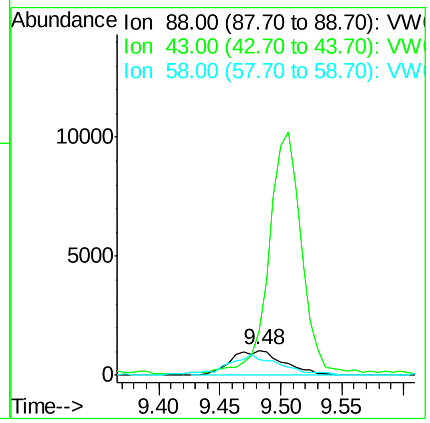
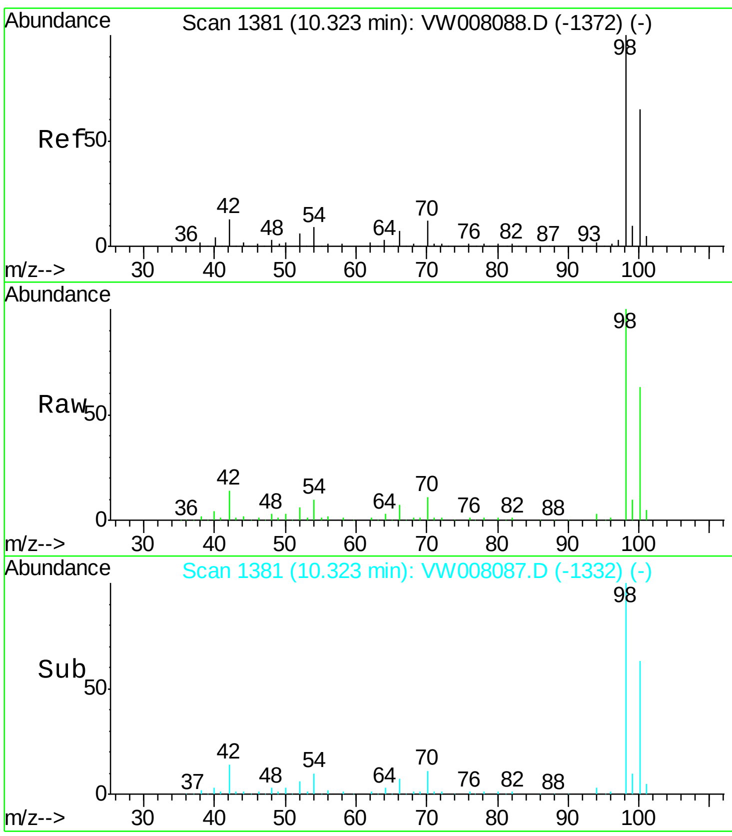
Tgt Ion: 88 Resp: 3129

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	86.3	61.7	92.5

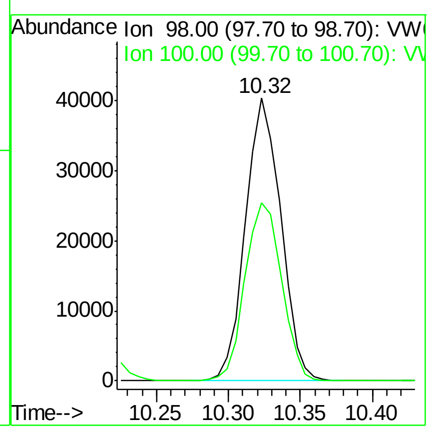




#50
Toluene-d8
Concen: 19.254 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 98 Resp: 68736

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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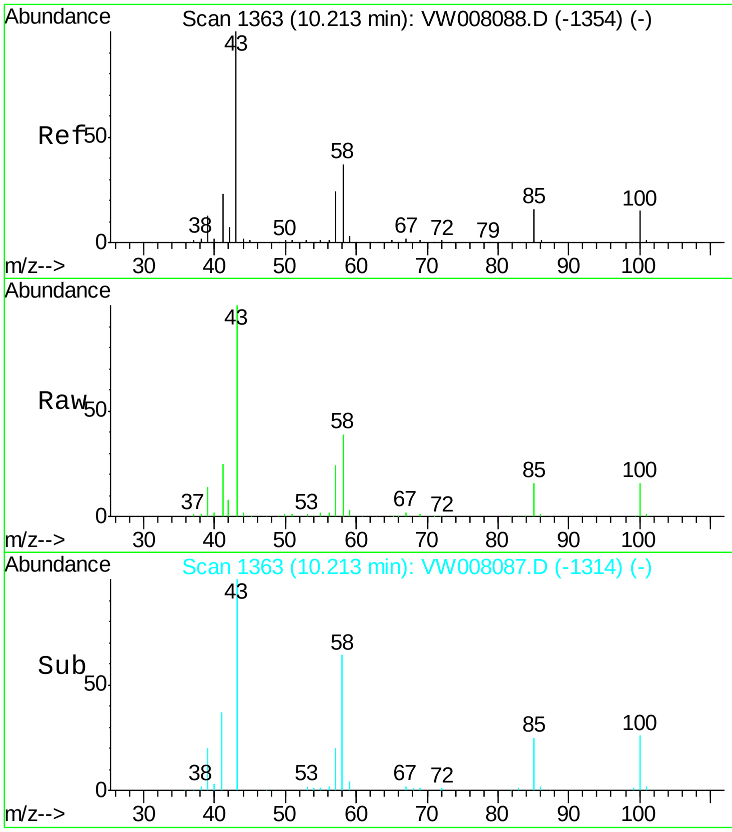
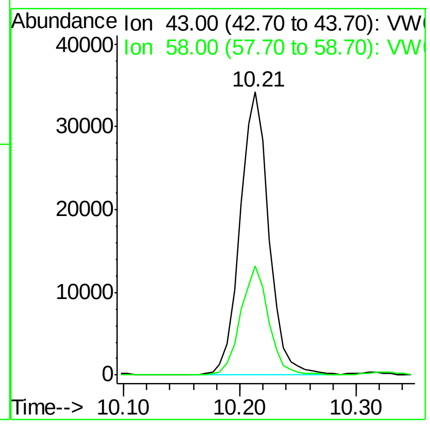
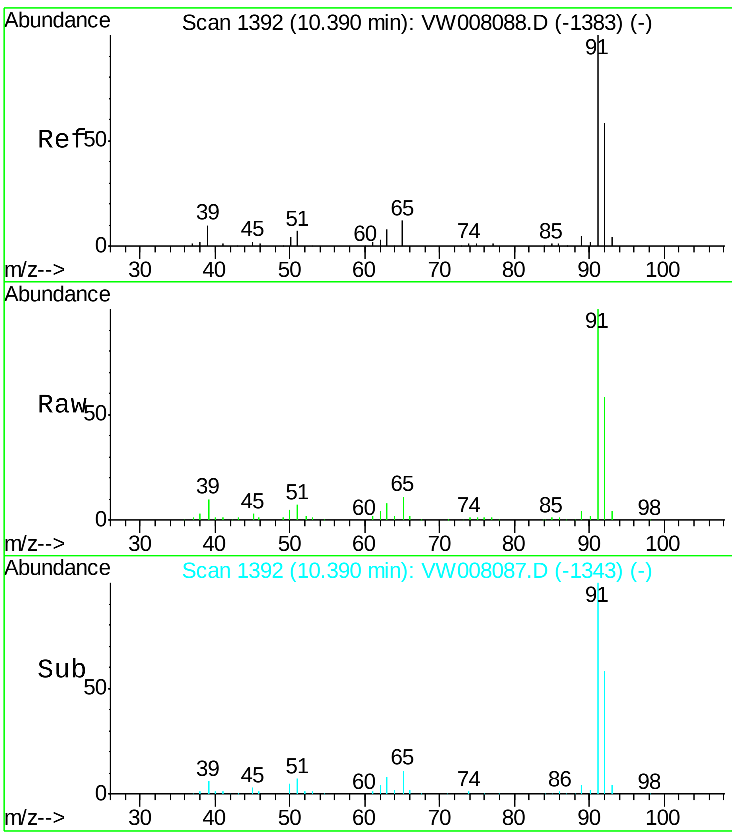


#51
4-Methyl-2-Pentanone
Concen: 135.815 ug/l
RT: 10.21 min Scan# 1363
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 59010

Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.6	46.0

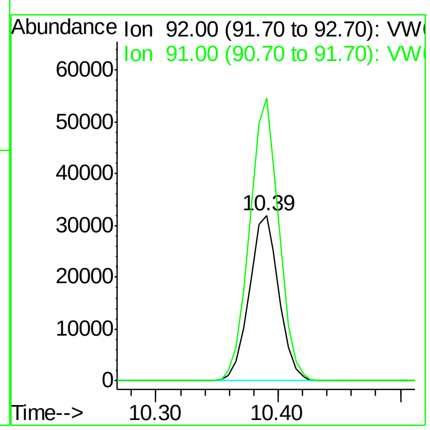


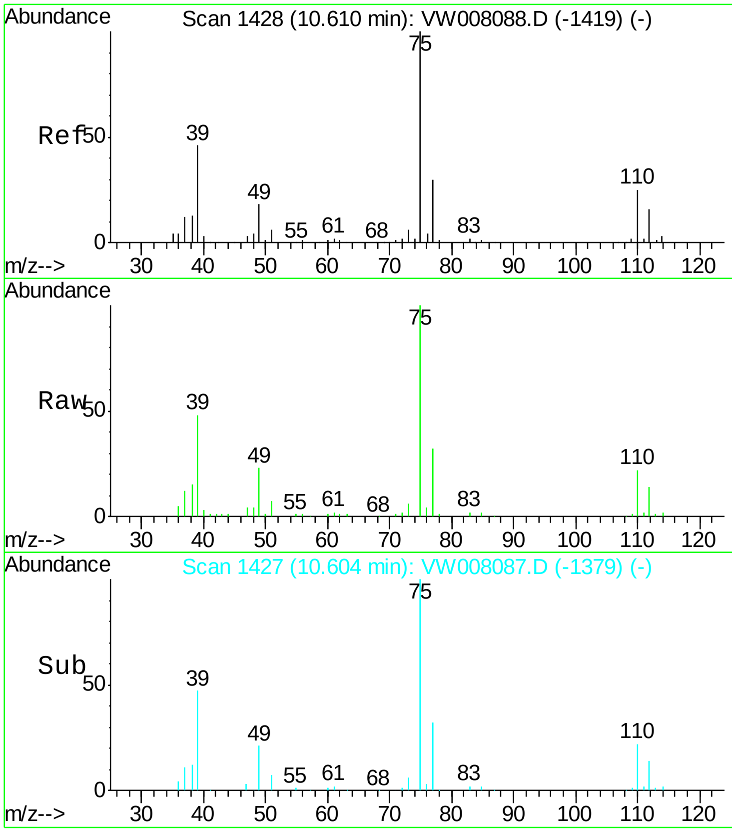


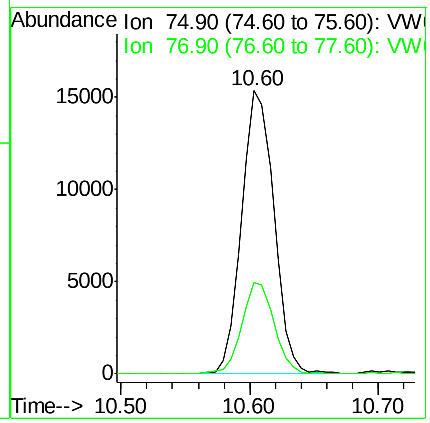
#52
Toluene
Concen: 20.836 ug/l
RT: 10.39 min Scan# 1392
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 92 Resp: 53640

Ion	Ratio	Lower	Upper
92	100		
91	170.2	137.0	205.4







#53
t-1,3-Dichloropropene
Concen: 20.120 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 75 Resp: 26631

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.4	36.6

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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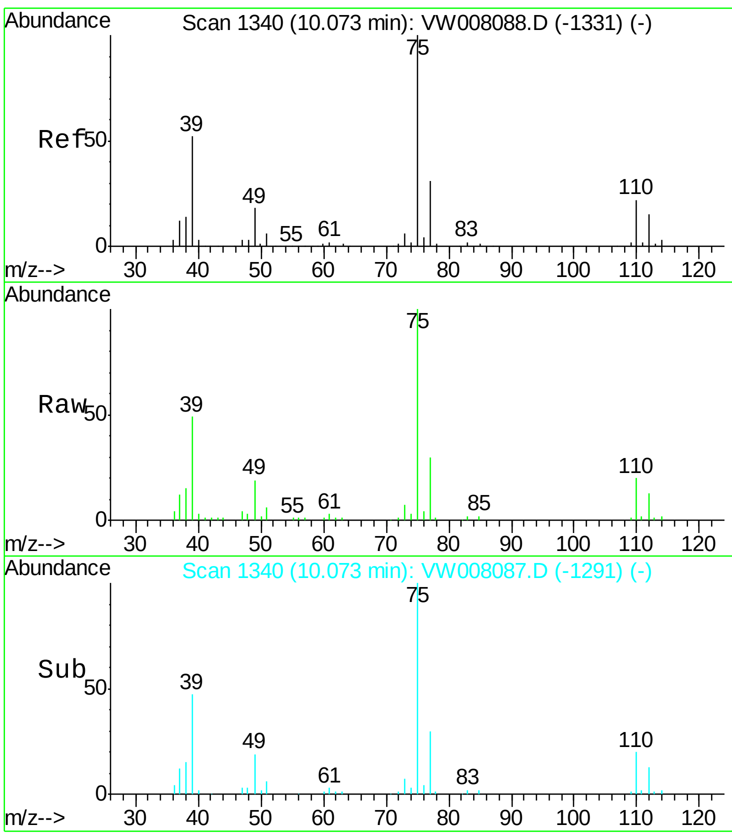
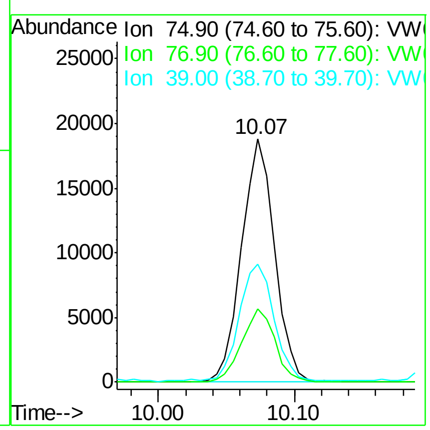
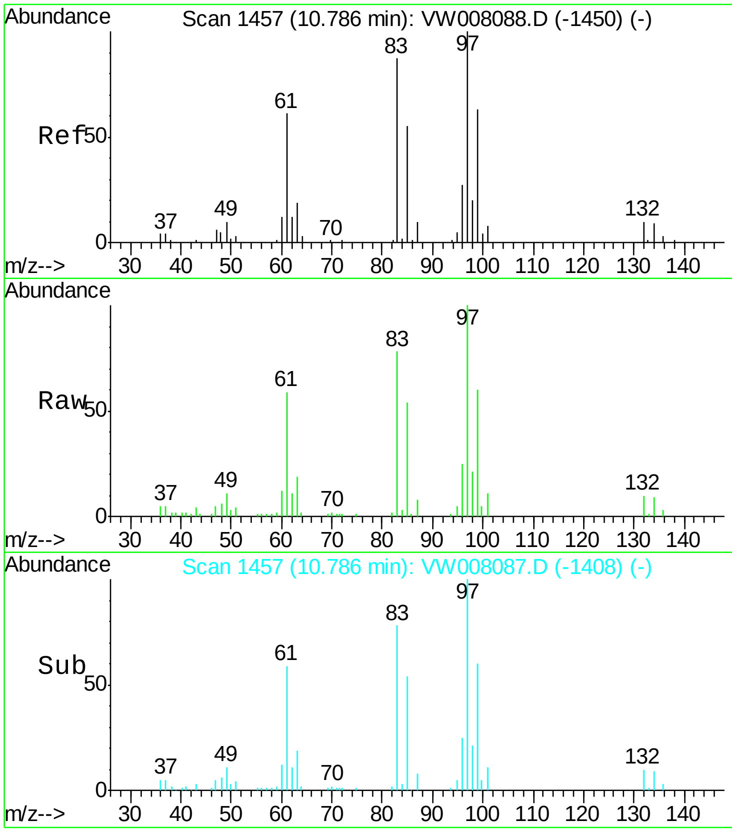




#54
cis-1,3-Dichloropropene
Concen: 21.449 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 75 Resp: 31978

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.2	37.8
39	48.0	41.4	62.0



#55
1,1,2-Trichloroethane
Concen: 21.236 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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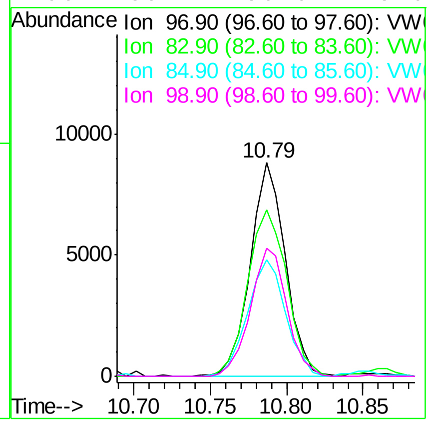
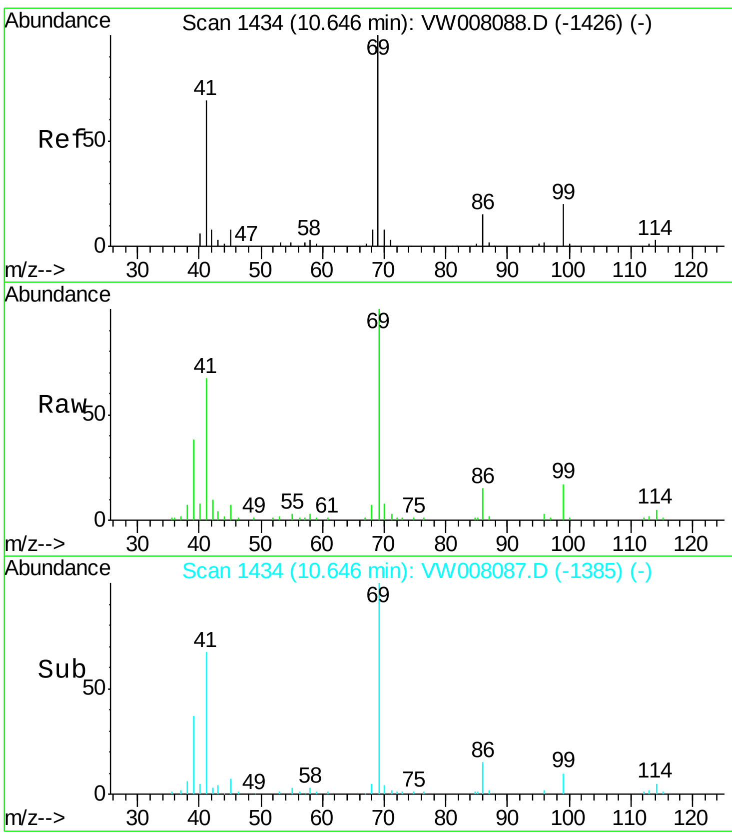
Tgt Ion: 97 Resp: 14114

Ion	Ratio	Lower	Upper
97	100		
83	77.8	69.3	103.9
85	54.3	43.8	65.6
99	59.7	50.0	75.0

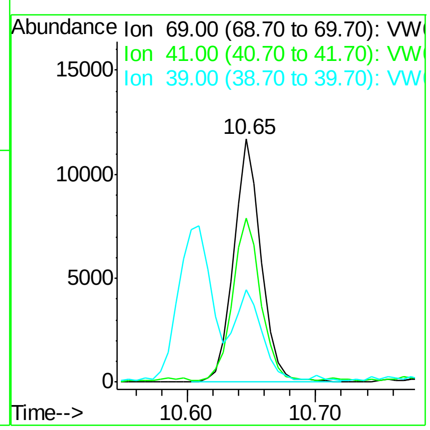


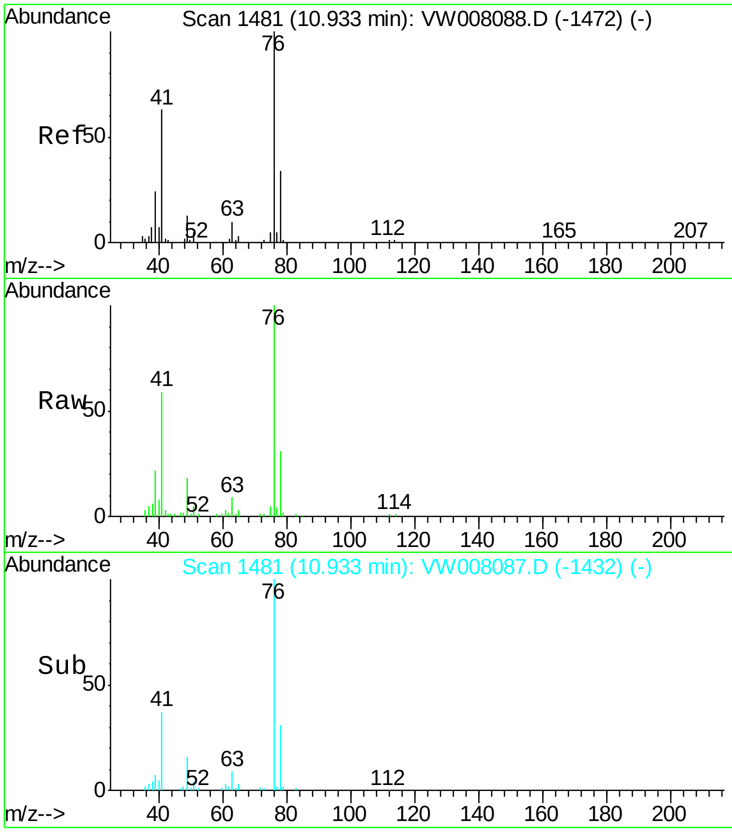


#56
Ethyl methacrylate
Concen: 22.515 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 69 Resp: 17357

Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.4	84.6
39	37.0	28.1	42.1





#57
1,3-Dichloropropane
Concen: 23.006 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 26546

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5

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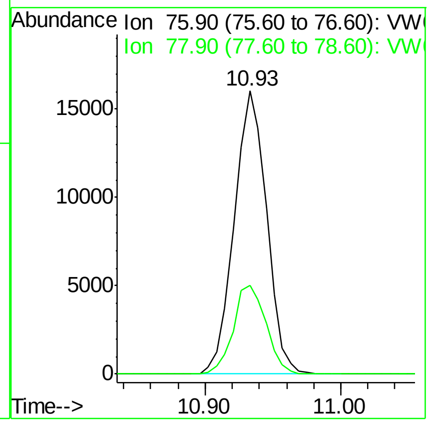
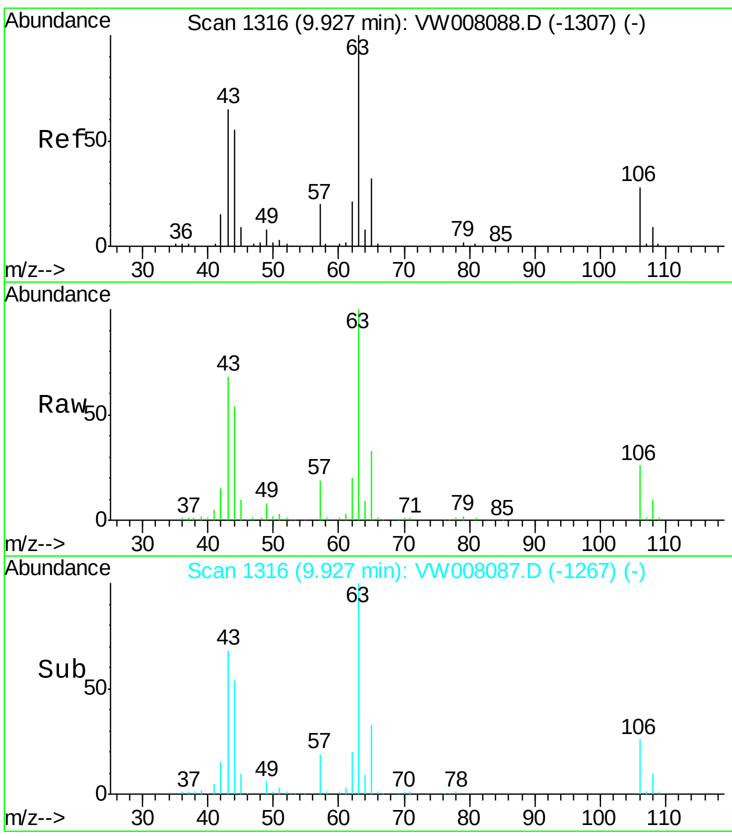
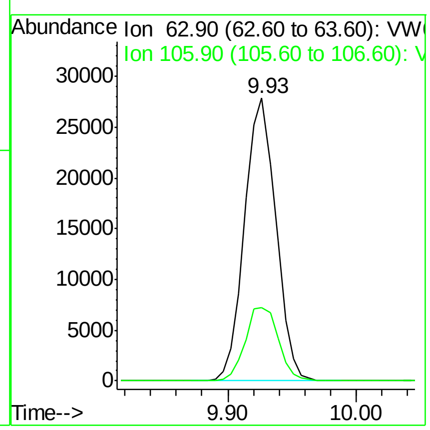


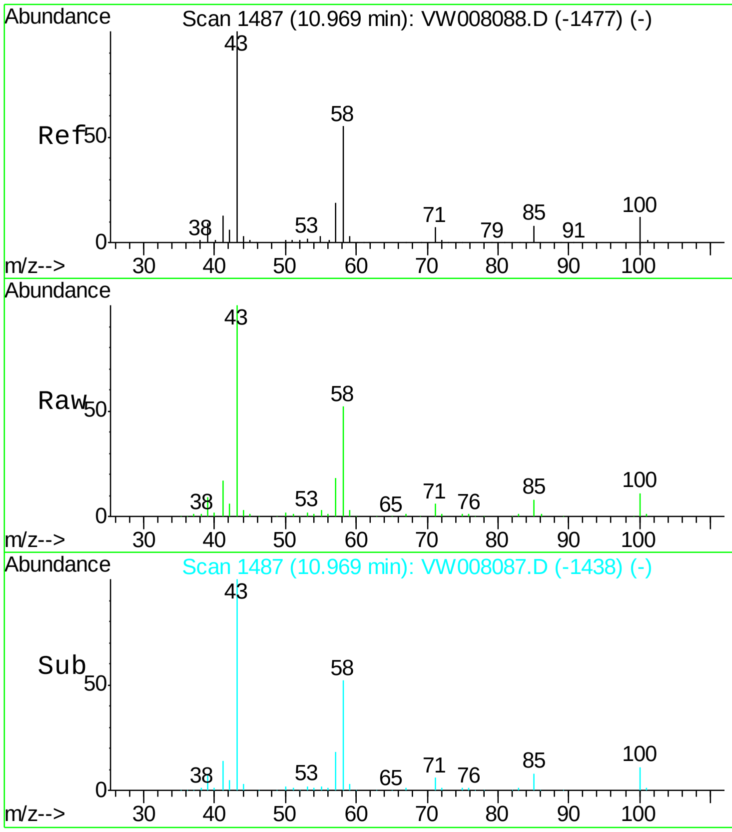


#58
2-Chloroethyl Vinyl ether
Concen: 124.760 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 63 Resp: 46964

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.8	32.6





#59
2-Hexanone
Concen: 140.252 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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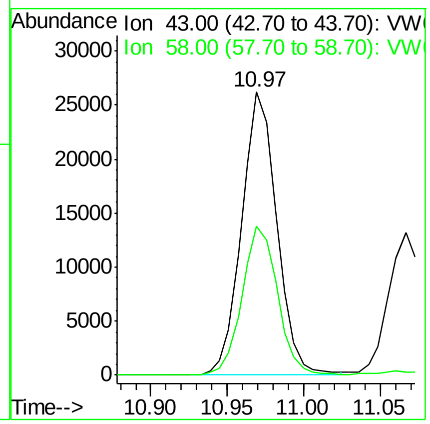
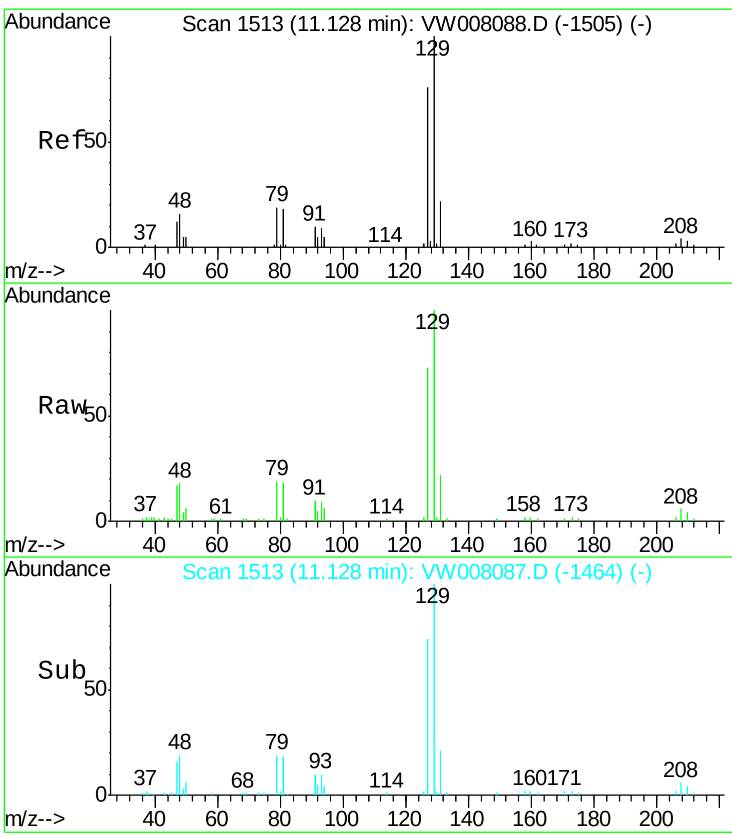
Tgt Ion: 43 Resp: 41935

Ion	Ratio	Lower	Upper
43	100		
58	53.0	27.2	81.5

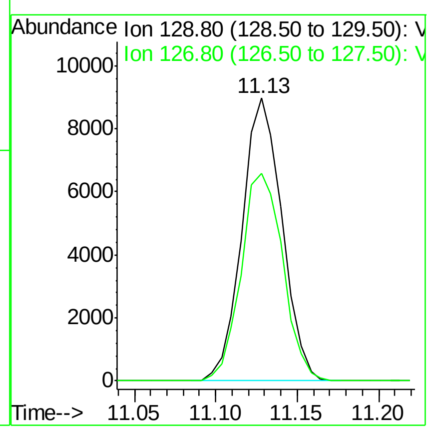


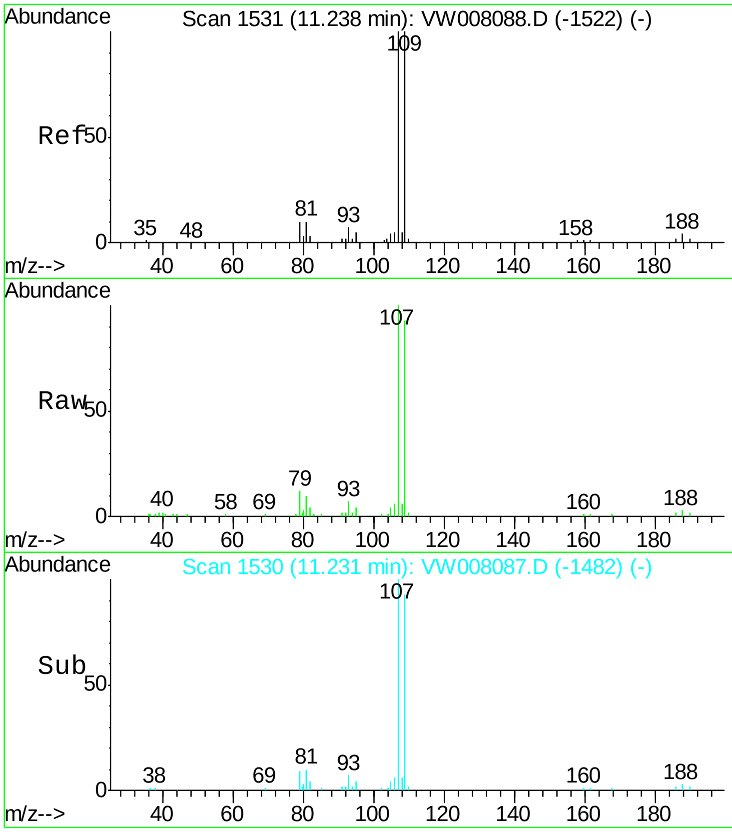


#60
Dibromochloromethane
Concen: 17.232 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:129 Resp: 15318

Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.9	116.6





#61
1,2-Dibromoethane
Concen: 19.713 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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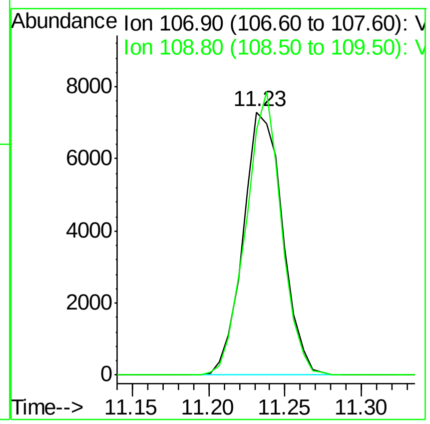
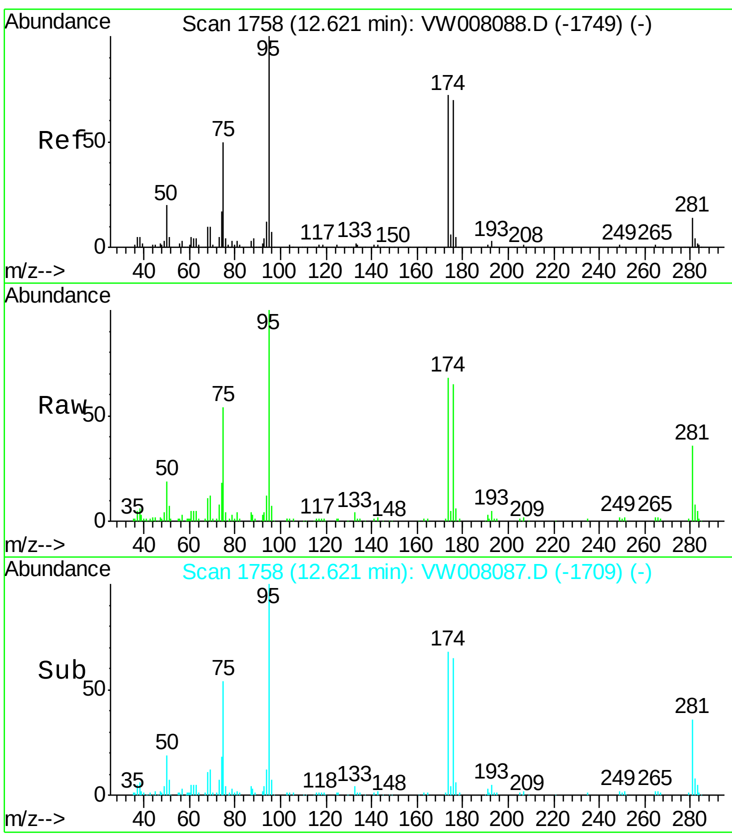
Tgt Ion:107 Resp: 13118

Ion	Ratio	Lower	Upper
107	100		
109	97.1	75.9	113.9

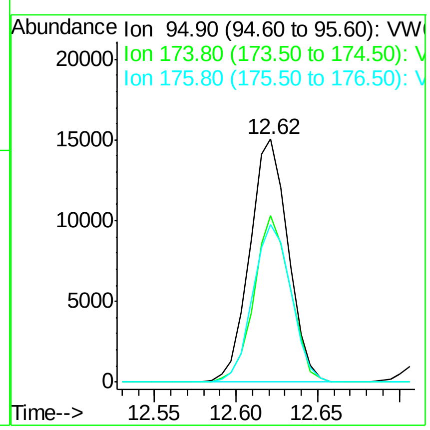


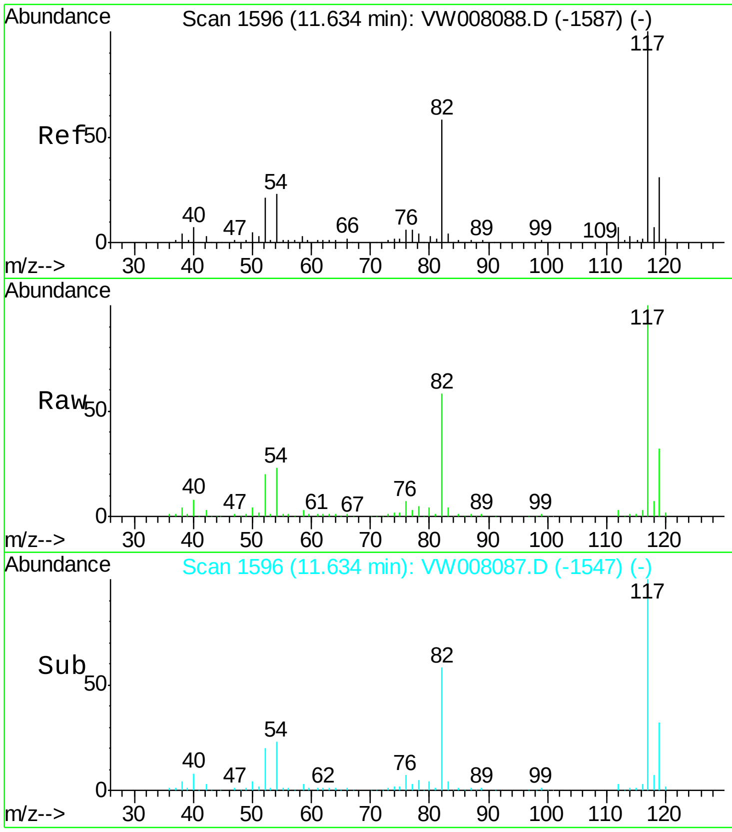


#62
4-Bromofluorobenzene
Concen: 18.240 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 95 Resp: 24682

Ion	Ratio	Lower	Upper
95	100		
174	64.8	0.0	143.0
176	64.8	0.0	140.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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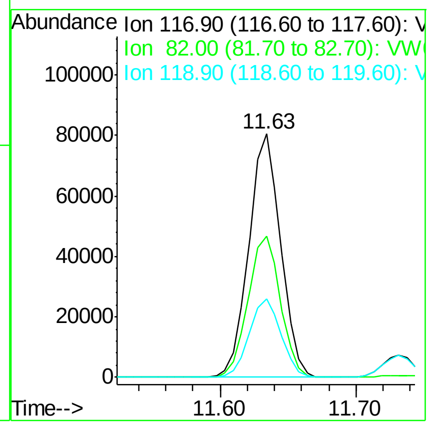
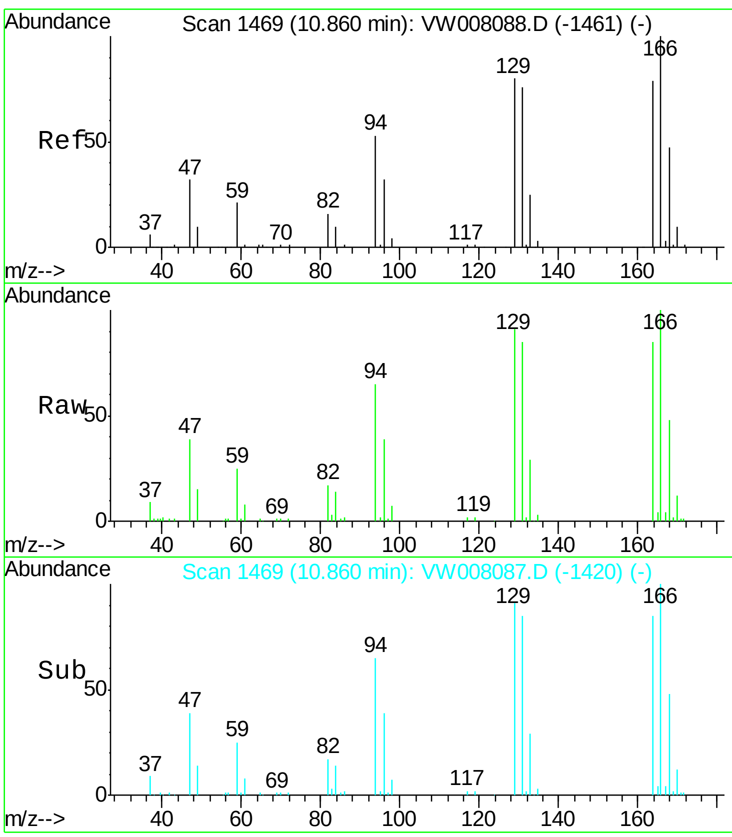
Tgt Ion:117 Resp: 132590

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.0	24.7	37.1

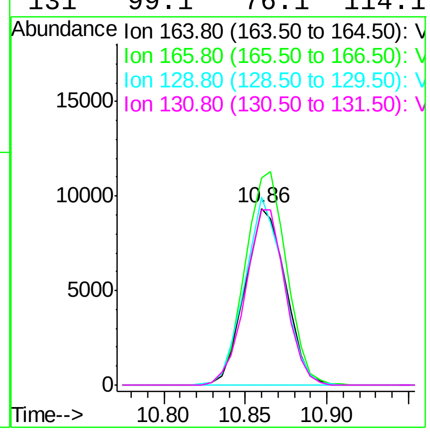


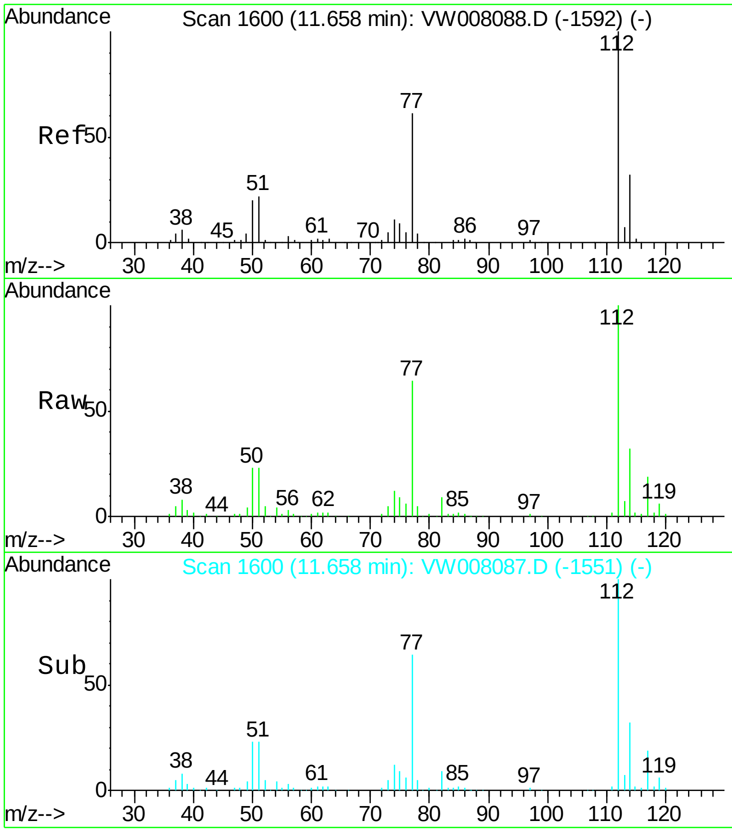


#64
Tetrachloroethene
Concen: 18.413 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:164 Resp: 16279

Ion	Ratio	Lower	Upper
164	100		
166	117.1	100.7	151.1
129	106.0	81.0	121.4
131	99.1	76.1	114.1





#65
Chlorobenzene
Concen: 20.179 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:112 Resp: 56119

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.6	38.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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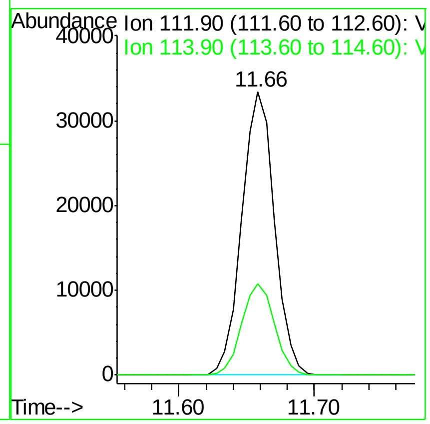
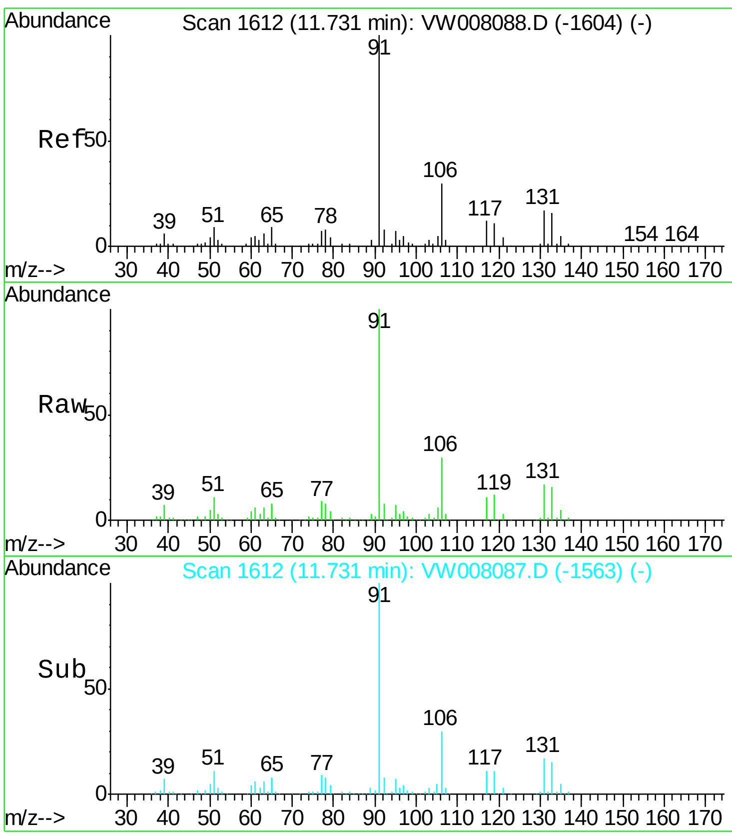
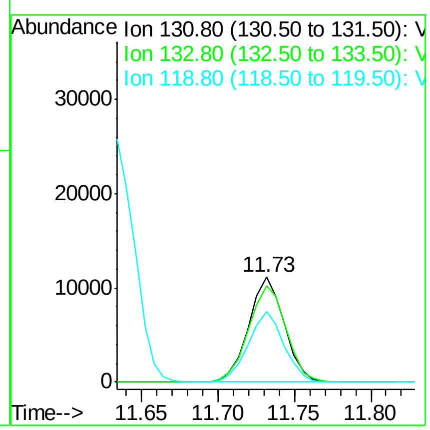


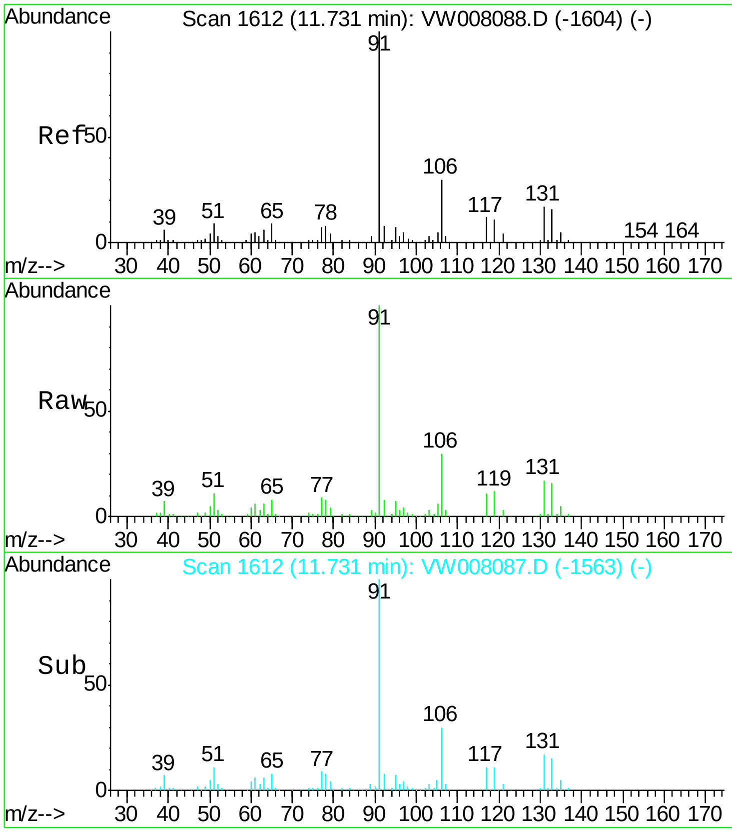


#66
1,1,1,2-Tetrachloroethane
Concen: 18.082 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:131 Resp: 17973

Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.9	143.7
119	67.7	32.5	97.4





#67
Ethyl Benzene
Concen: 20.973 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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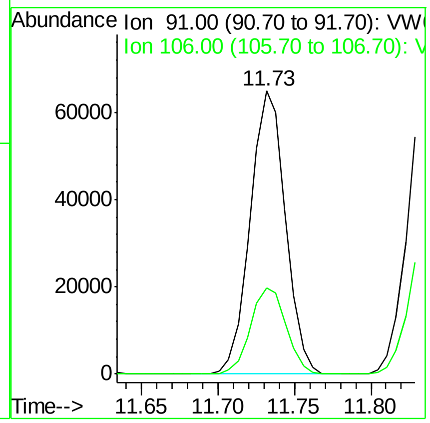
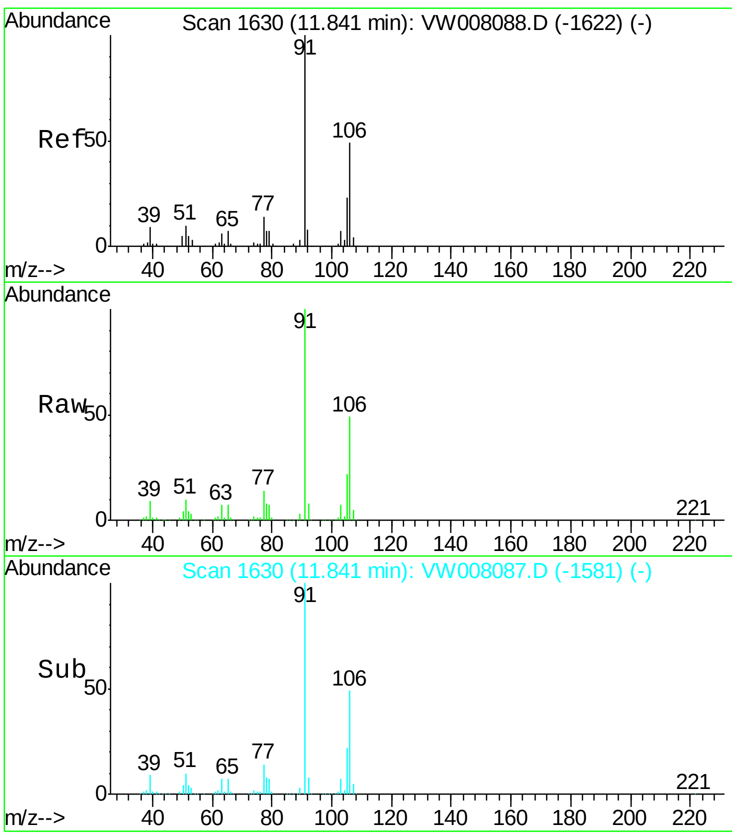
Tgt Ion: 91 Resp: 104258

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.4

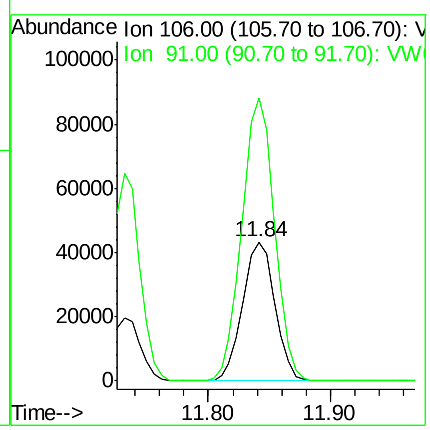


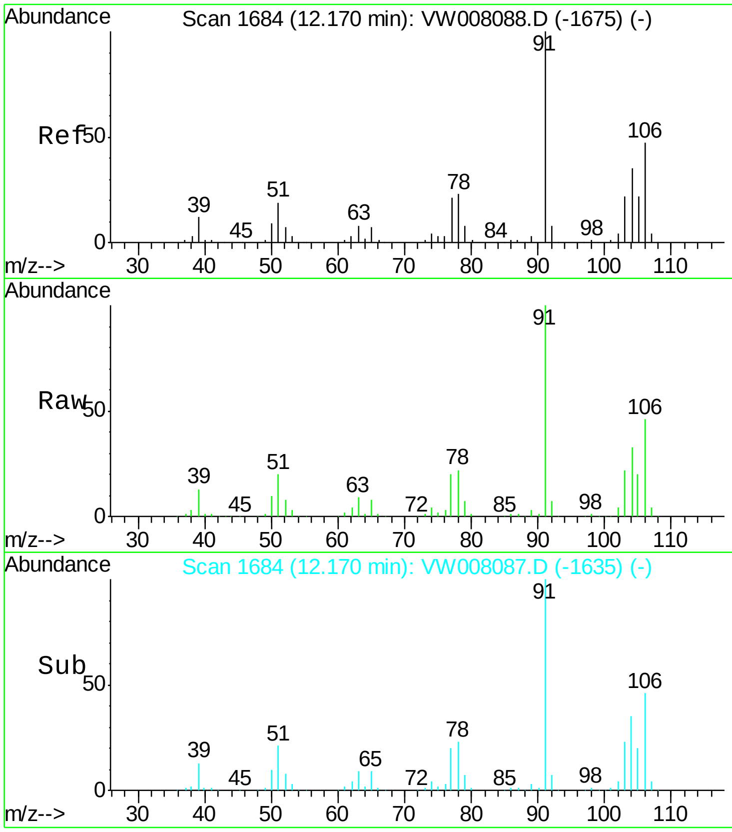


#68
m/p-Xylenes
Concen: 41.524 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:106 Resp: 79598

Ion	Ratio	Lower	Upper
106	100		
91	205.8	162.4	243.6





#69
o-Xylene
Concen: 20.760 ug/l
RT: 12.17 min   Scan# 1684
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:106 Resp: 37013

Ion	Ratio	Lower	Upper
106	100		
91	214.3	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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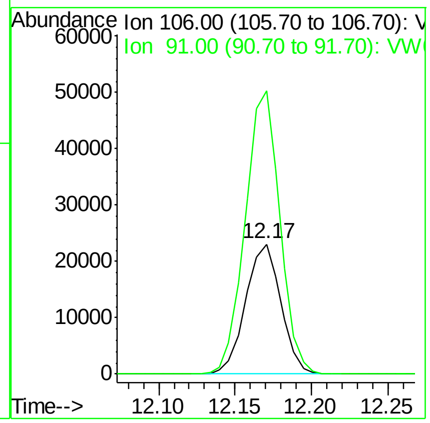
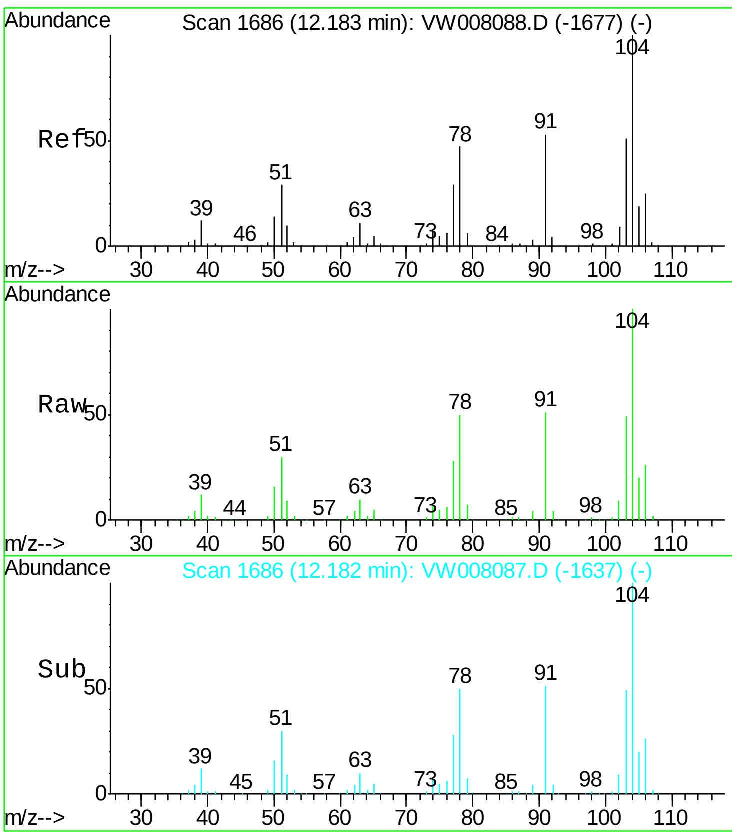
1/9/2019 11:07:46 AM

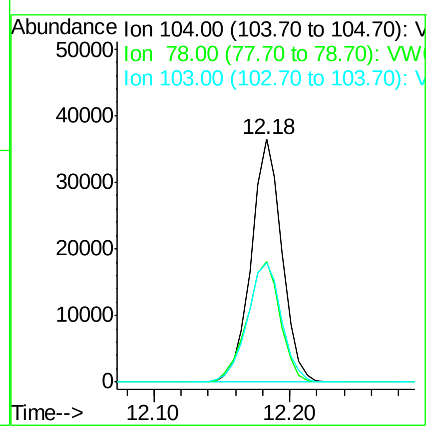


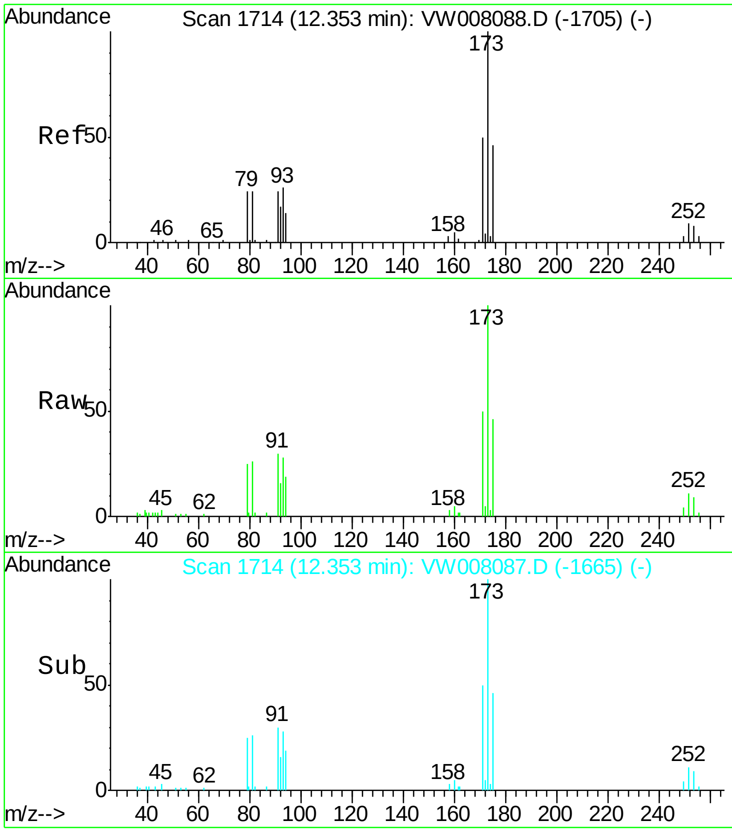


#70
Styrene
Concen: 19.903 ug/l
RT: 12.18 min   Scan# 1686
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:104 Resp: 57692

Ion	Ratio	Lower	Upper
104	100		
78	54.1	41.8	62.8
103	54.9	43.8	65.8





#71
Bromoform
Concen: 16.766 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:173 Resp: 7689

Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.3	69.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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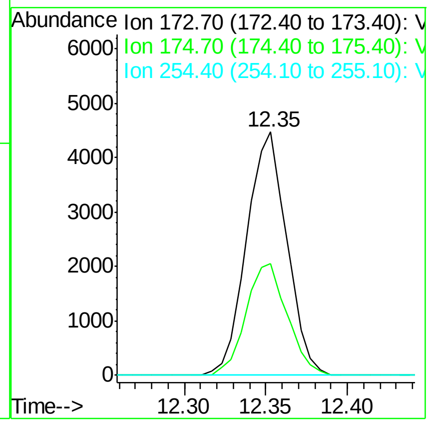
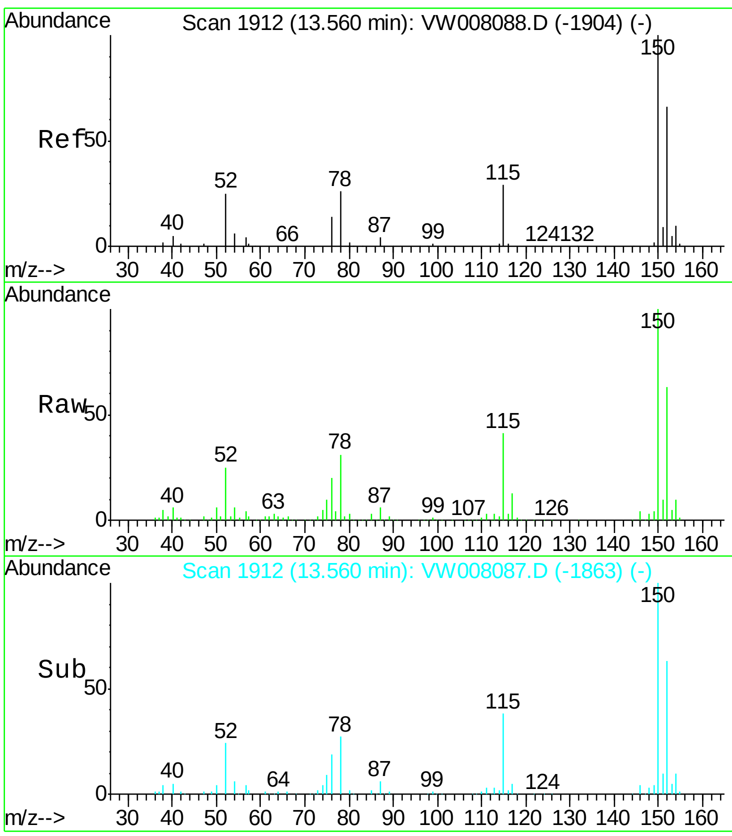
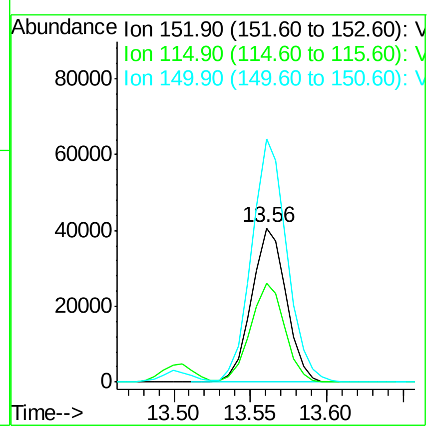


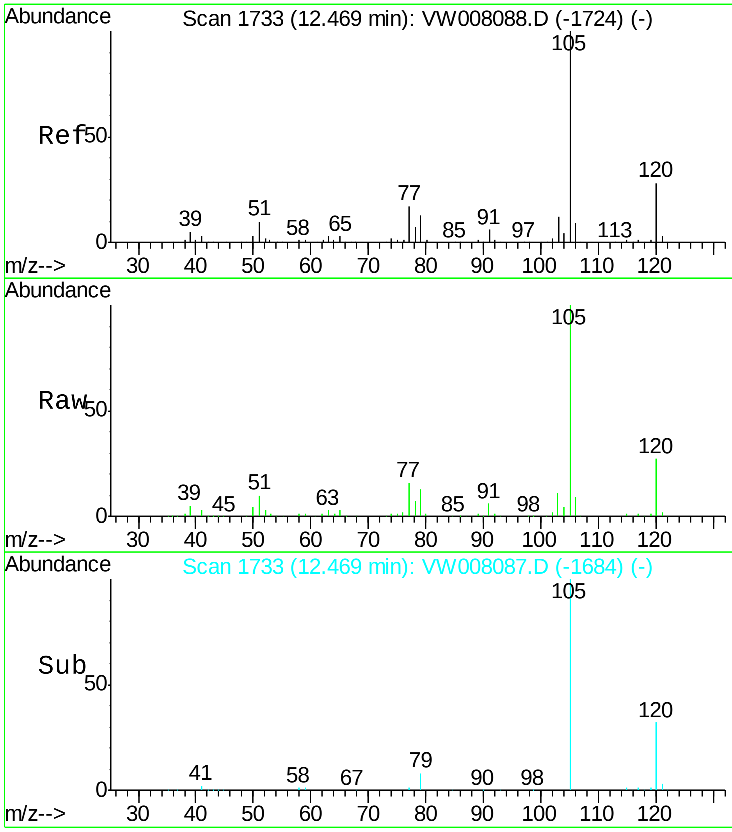


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:152 Resp: 63791

Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.8	92.4
150	161.9	0.0	350.2





#73
Isopropylbenzene
Concen: 20.432 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 102023

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.8

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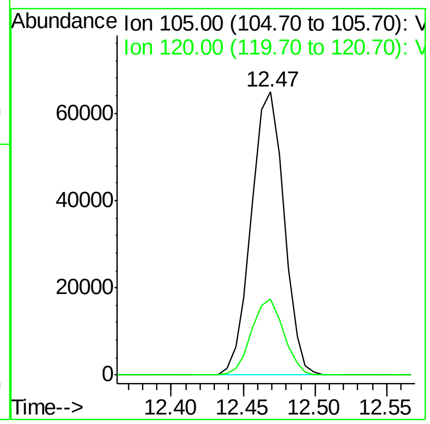
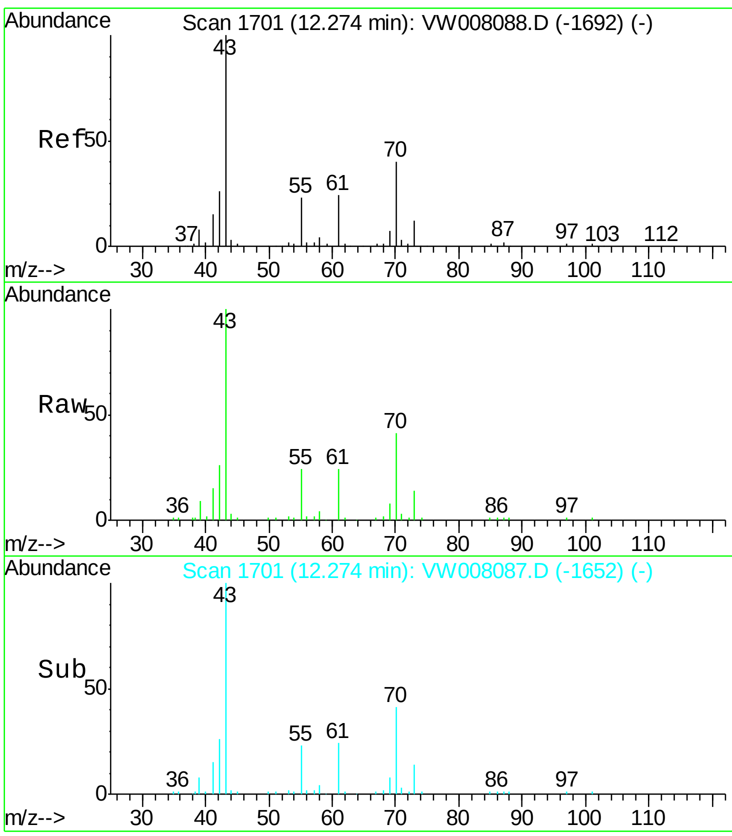
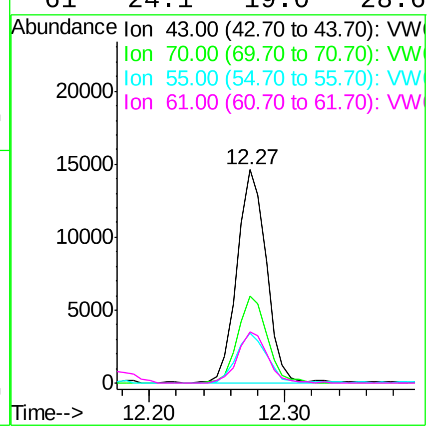


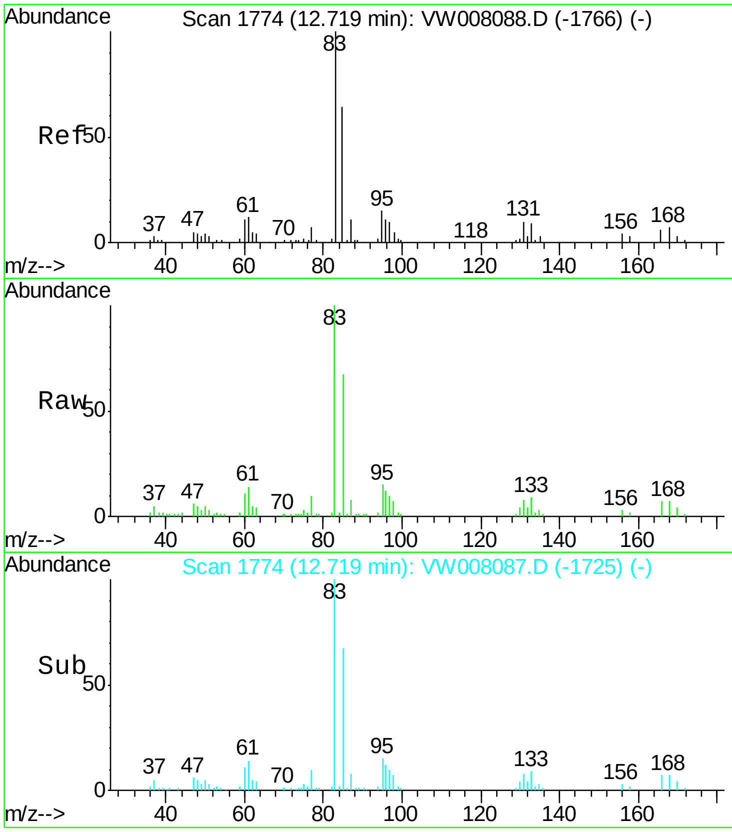


#74
N-amyl acetate
Concen: 26.464 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 43 Resp: 21984

Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.4	48.6
55	24.7	18.7	28.1
61	24.1	19.0	28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 24.751 ug/l
RT: 12.72 min   Scan# 1774
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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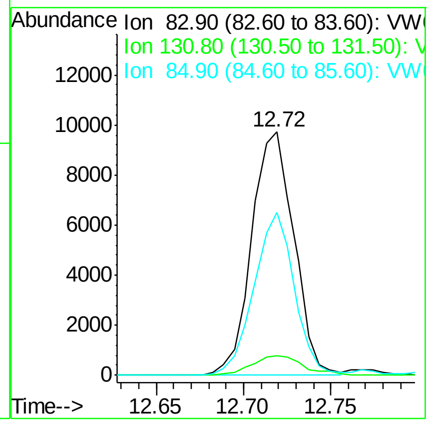
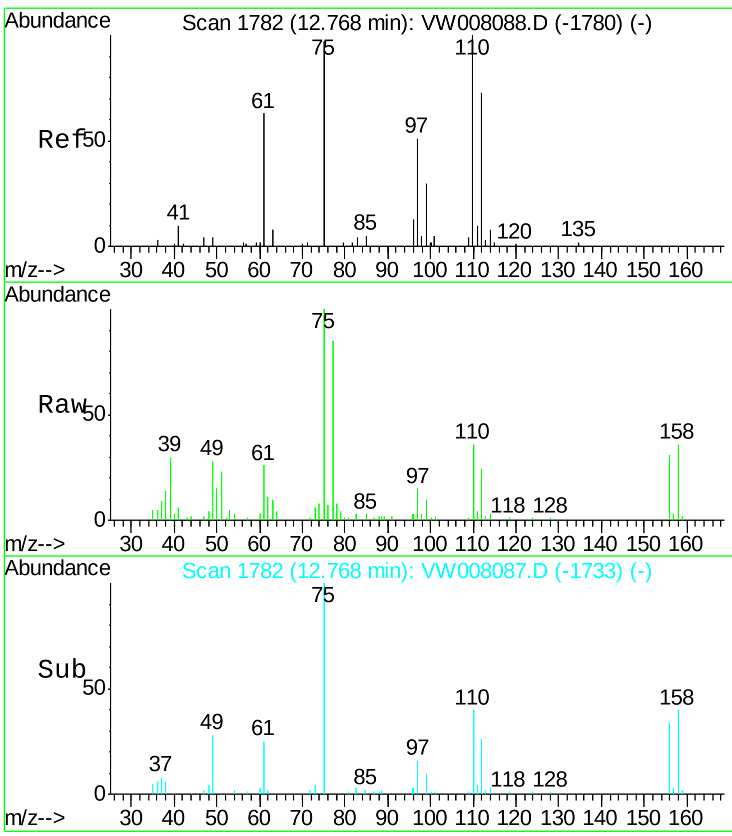
Tgt Ion: 83 Resp: 16304

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.3	16.1
85	64.3	32.4	97.2

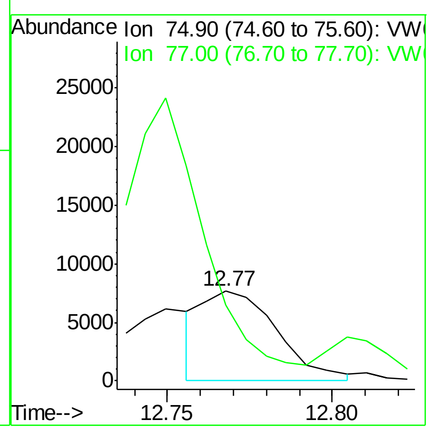


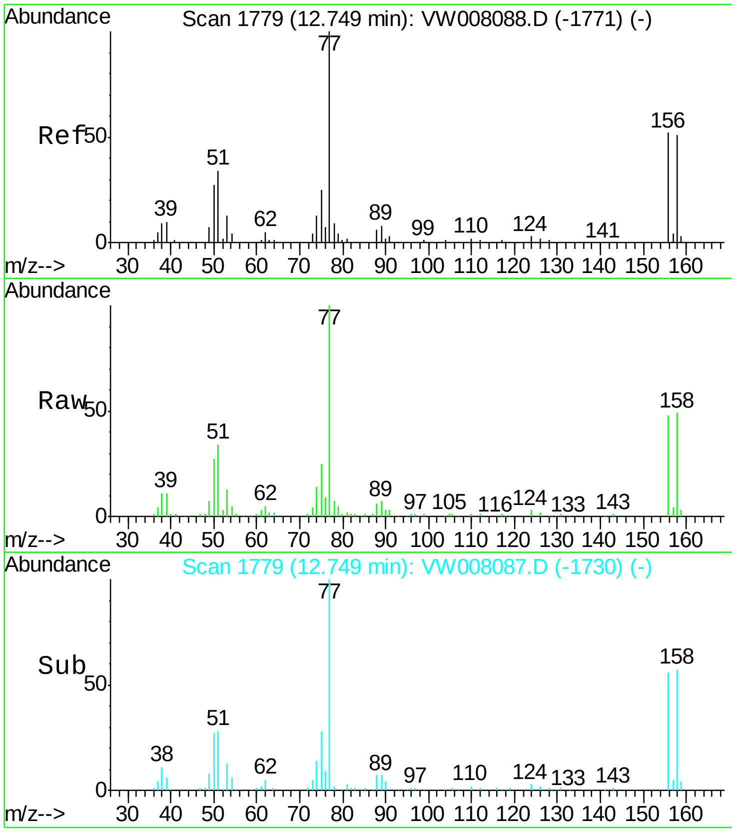


#76
1,2,3-Trichloropropane
Concen: 23.769 ug/l m
RT: 12.77 min   Scan# 1782
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion: 75 Resp: 12183

Ion	Ratio	Lower	Upper
75	100		
77	351.0	179.4	538.2





#77
Bromobenzene
Concen: 18.447 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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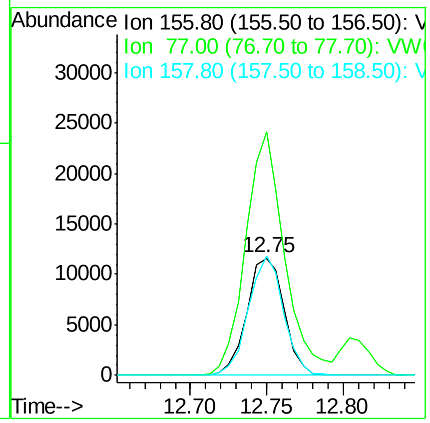
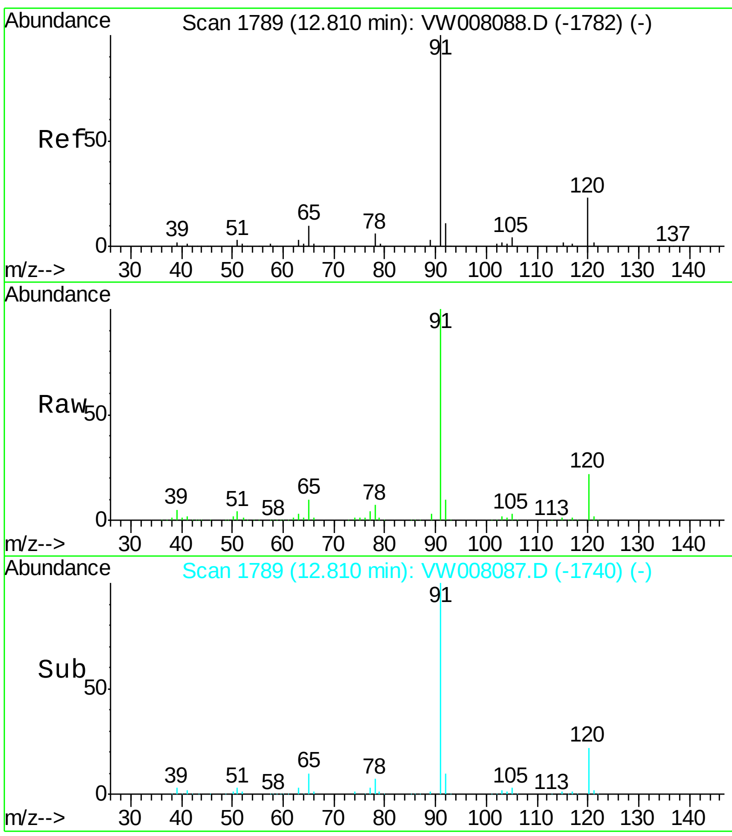
Tgt Ion:156 Resp: 19627

Ion	Ratio	Lower	Upper
156	100		
77	217.9	104.2	312.5
158	96.5	47.9	143.6

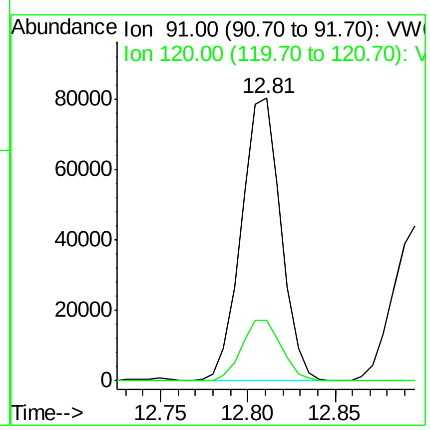


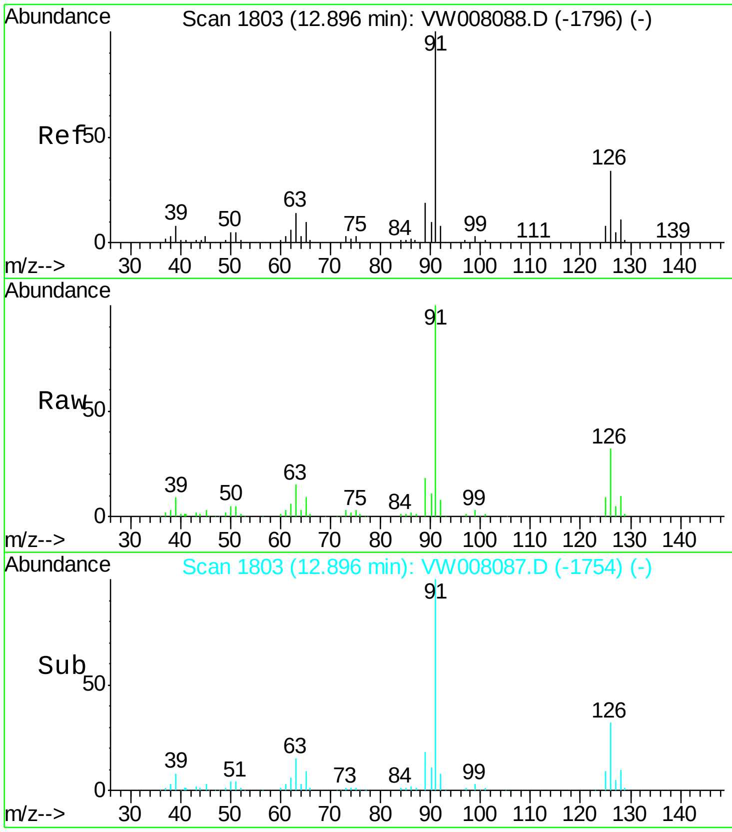


#78
n-propylbenzene
Concen: 21.531 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 91 Resp: 126052

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.3	33.8





#79
2-Chlorotoluene
Concen: 21.029 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 70662

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.8	50.3

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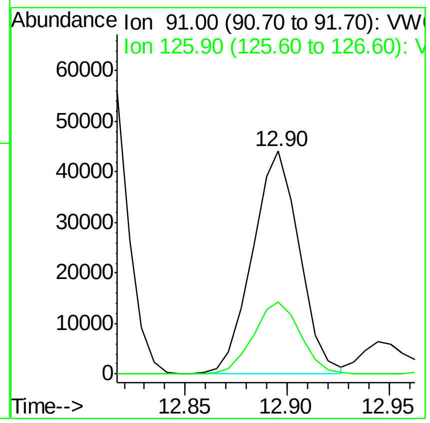
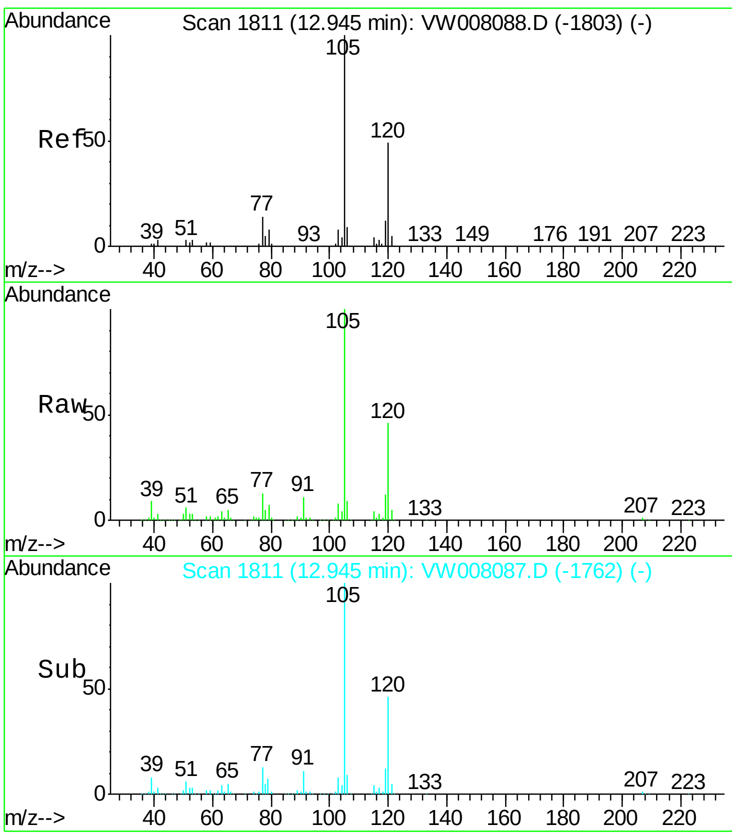
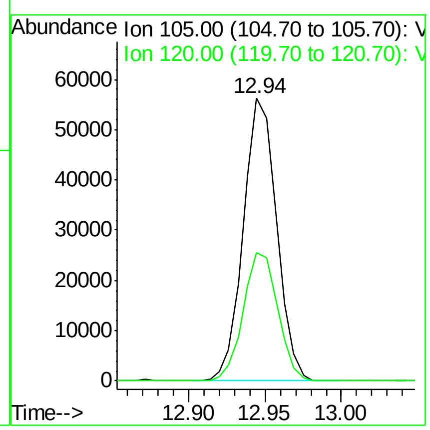


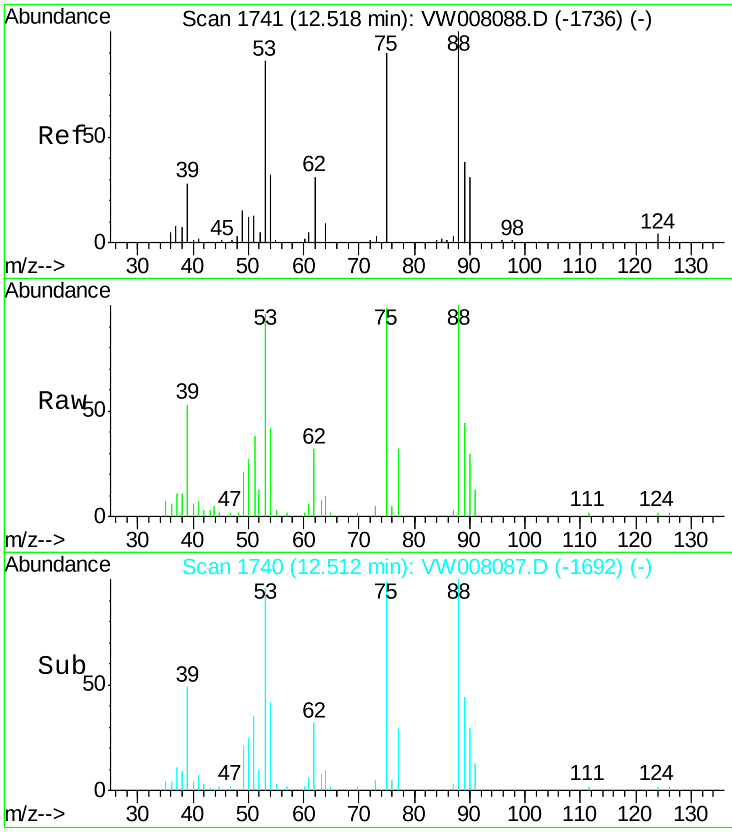


#80
1,3,5-Trimethylbenzene
Concen: 19.980 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:105 Resp: 85264

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.7	74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 22.474 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 4903

Ion	Ratio	Lower	Upper
75	100		
53	105.1	78.8	118.2
89	45.9	35.4	53.2

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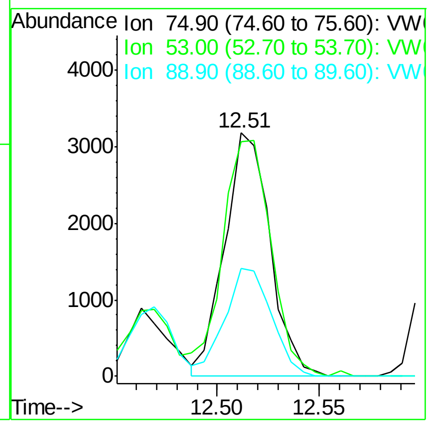
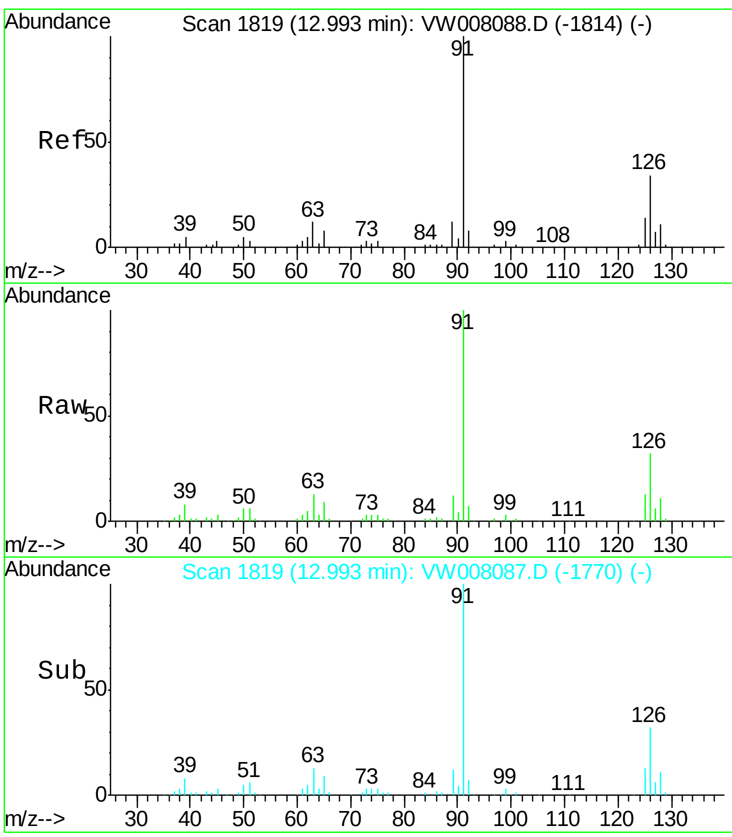
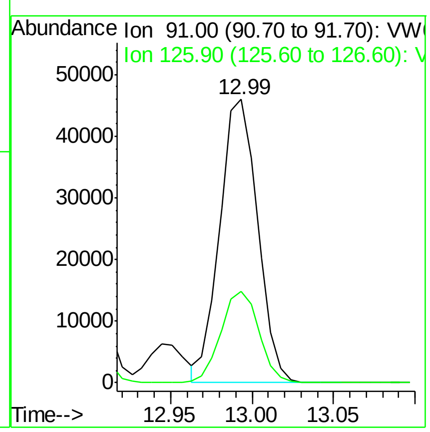


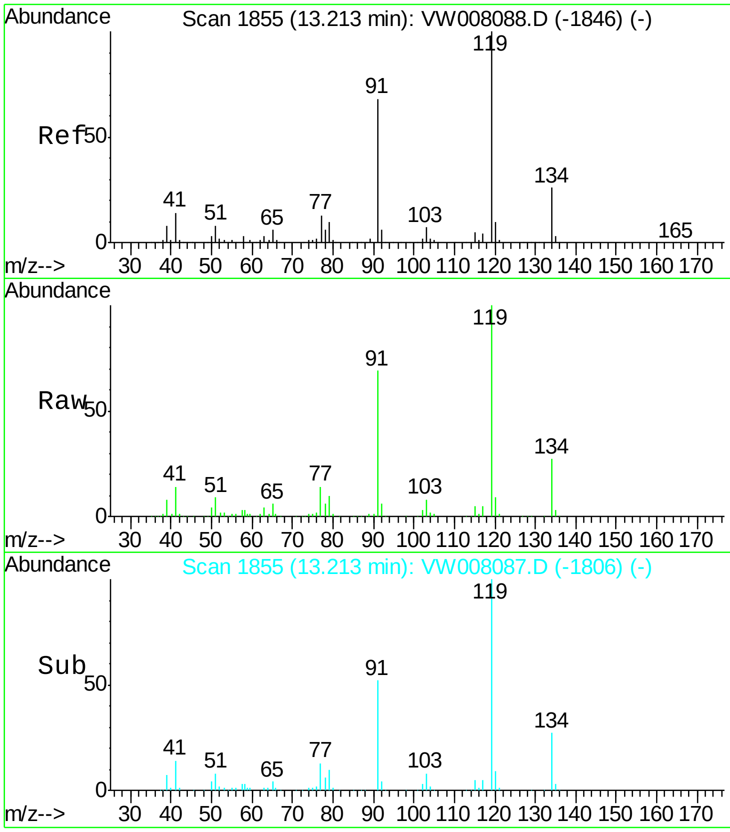


#82
4-Chlorotoluene
Concen: 20.932 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 91 Resp: 74735

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.5	49.5





#83
tert-Butylbenzene
Concen: 19.939 ug/l
RT: 13.21 min   Scan# 1855
Delta R.T.   -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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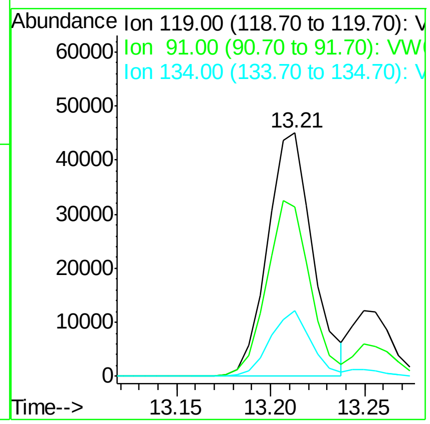
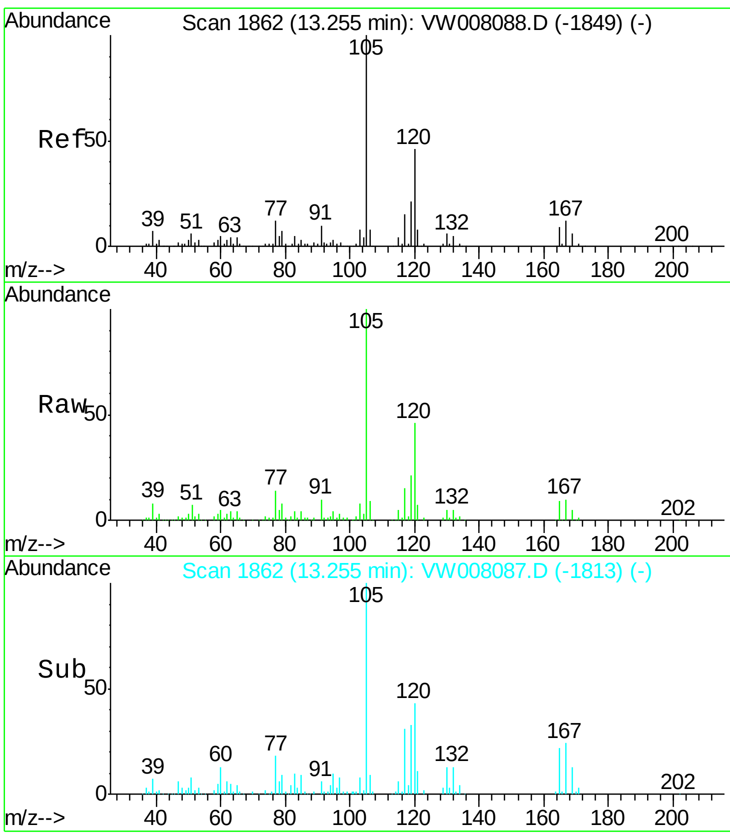
Tgt Ion:119 Resp: 74740

Ion	Ratio	Lower	Upper
119	100		
91	68.9	33.9	101.6
134	24.5	13.6	40.8

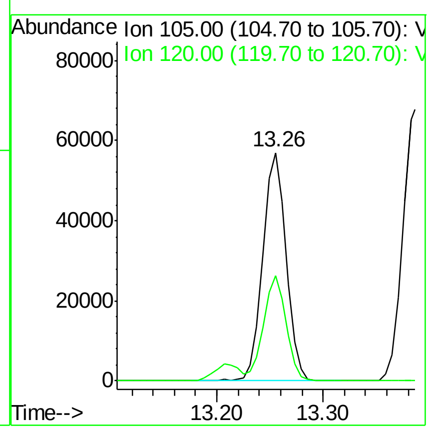


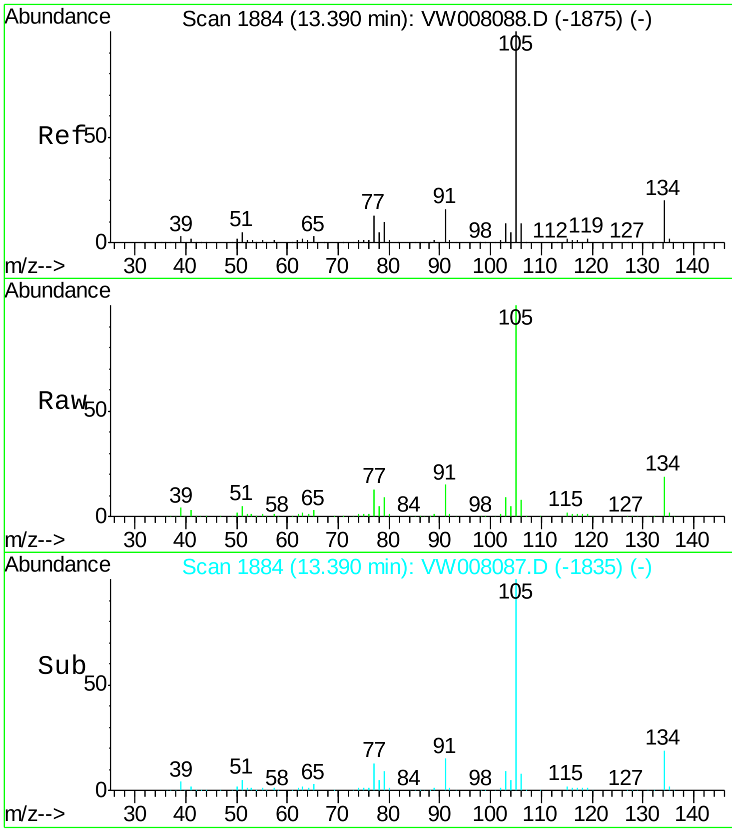


#84
1,2,4-Trimethylbenzene
Concen: 20.298 ug/l
RT: 13.26 min   Scan# 1862
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:105 Resp: 88170

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.7	68.1





#85
sec-Butylbenzene
Concen: 21.039 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 109469

Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

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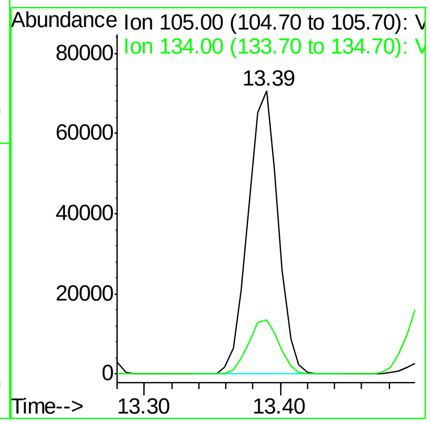
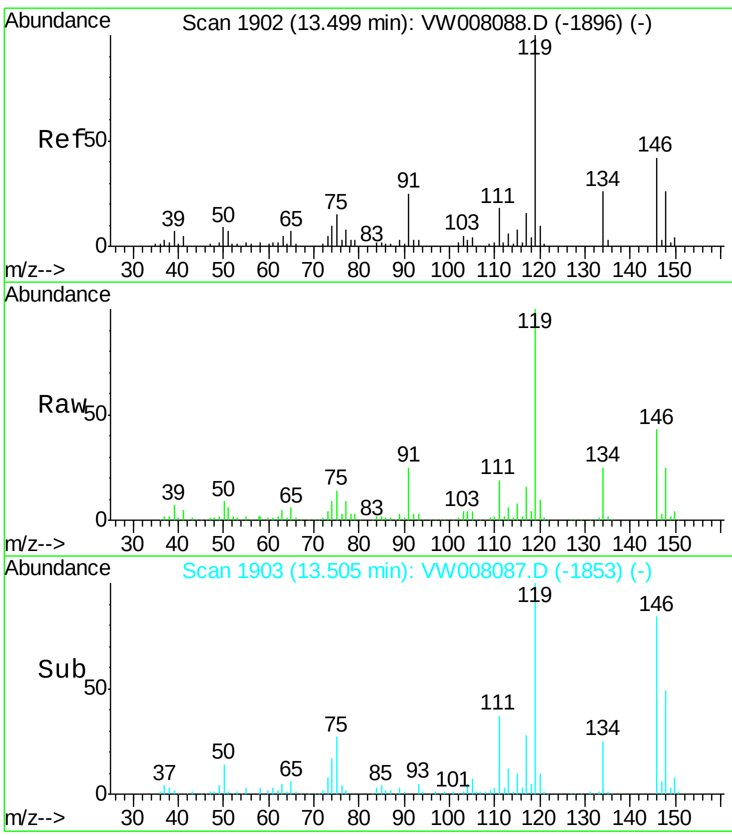
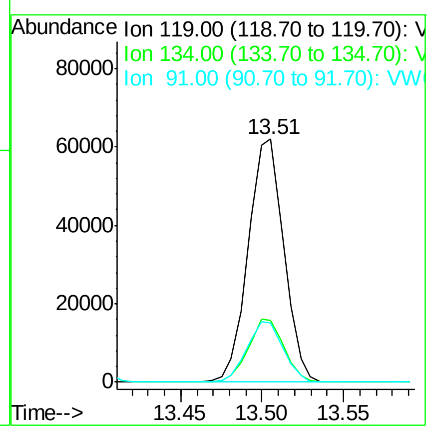




#86
p-Isopropyltoluene
Concen: 20.316 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:119 Resp: 94810

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.3	39.8
91	25.5	12.3	36.9



#87
1,3-Dichlorobenzene
Concen: 19.633 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:146 Resp: 42496

Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.1	63.1
148	62.9	31.3	93.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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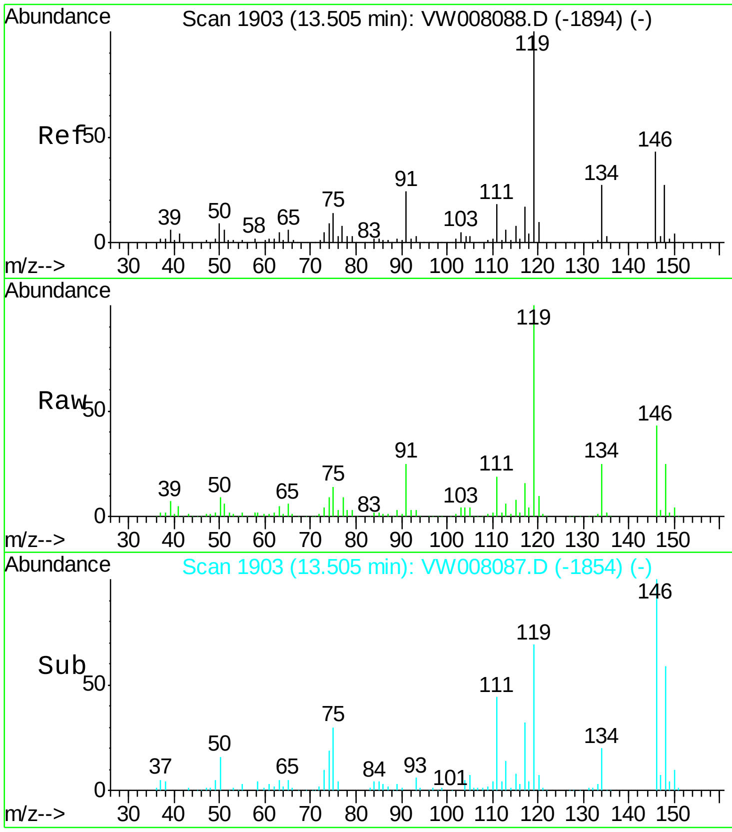
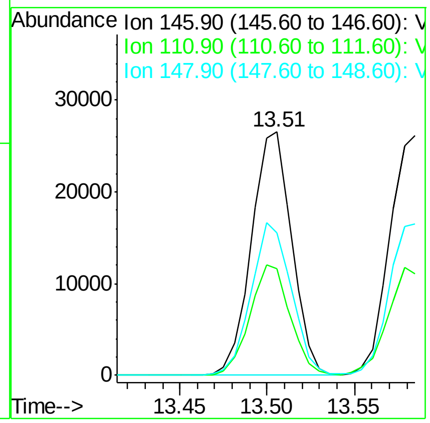
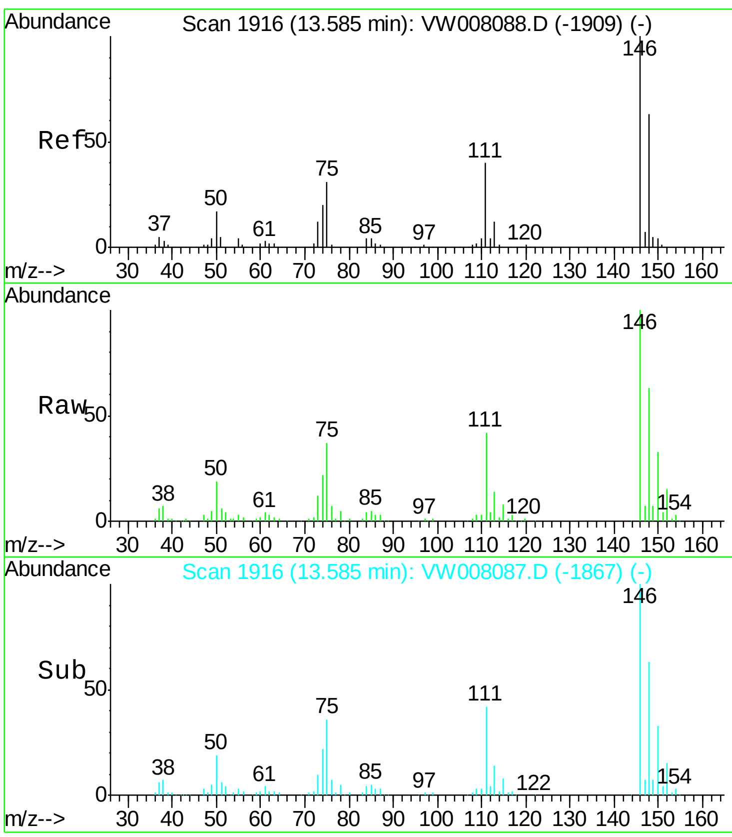


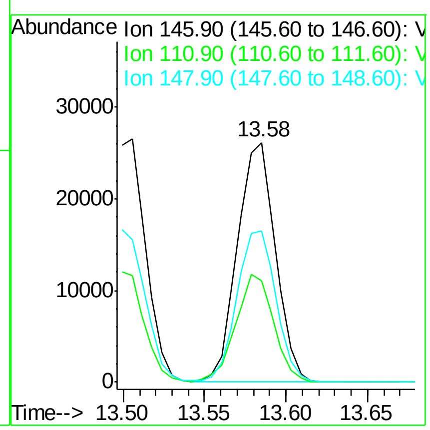


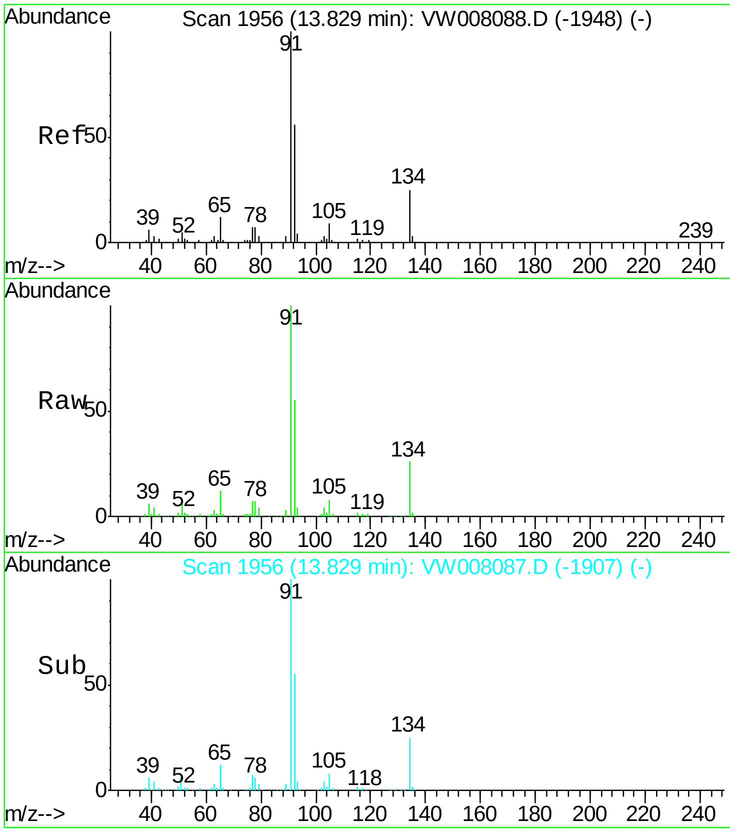
#88
1,4-Dichlorobenzene
Concen: 19.862 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:146 Resp: 42654

Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.5	61.5
148	64.6	31.6	94.8







#89
n-Butylbenzene
Concen: 21.547 ug/l
RT: 13.83 min   Scan# 1956
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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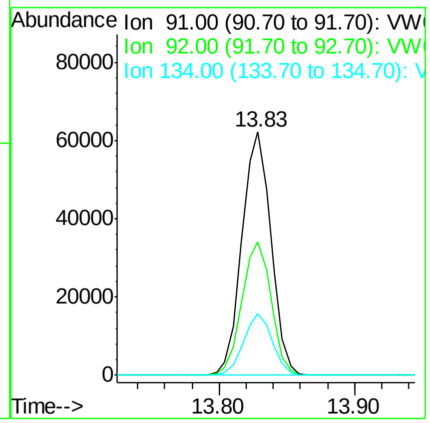
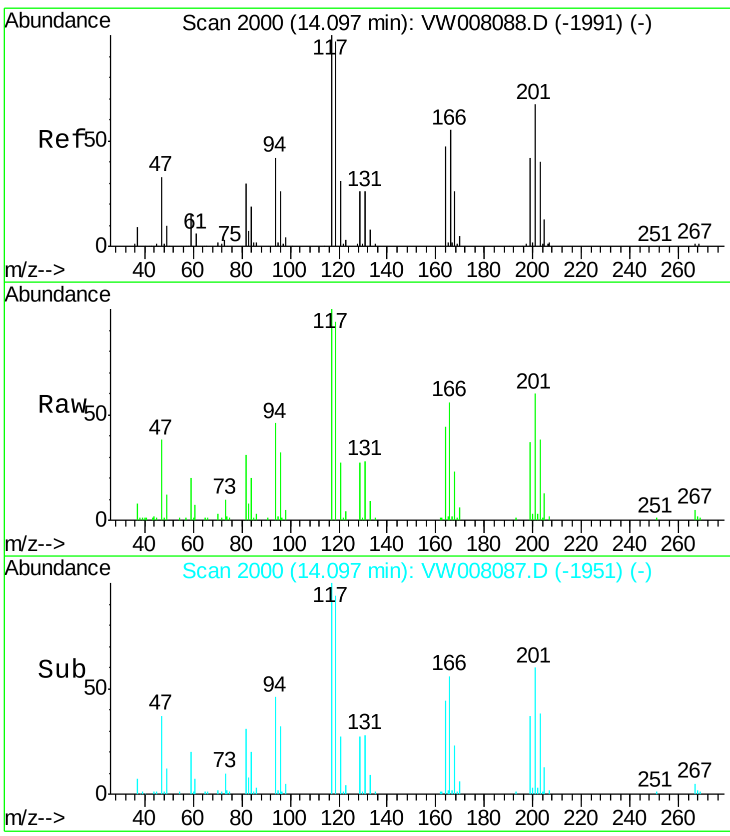
Tgt Ion: 91 Resp: 92916

Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.4	82.2
134	24.9	12.6	37.8

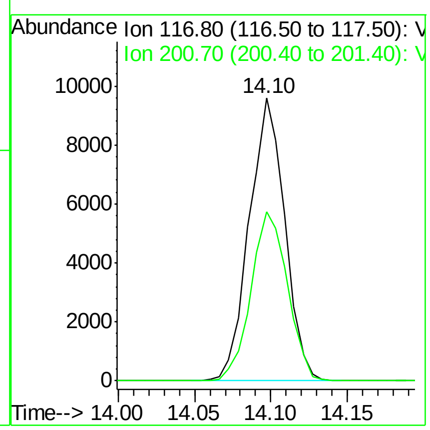


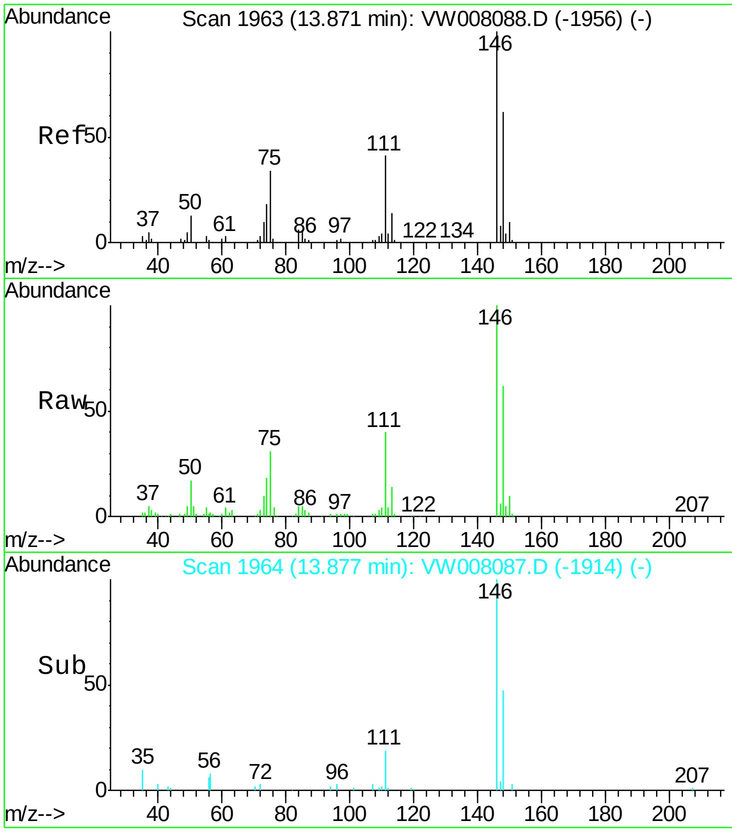


#90
Hexachloroethane
Concen: 19.240 ug/l
RT: 14.10 min   Scan# 2000
Delta R.T.   0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019   16:02

Tgt Ion:117 Resp: 15531

Ion	Ratio	Lower	Upper
117	100		
201	61.5	33.0	98.9





#91
1,2-Dichlorobenzene
Concen: 19.638 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

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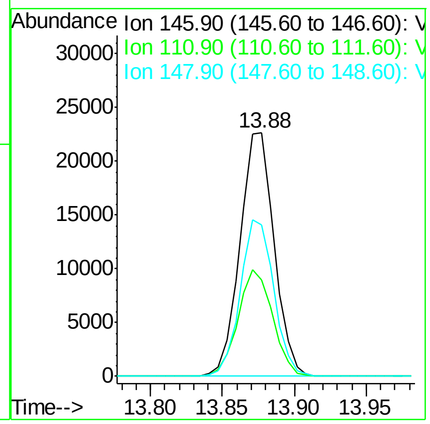
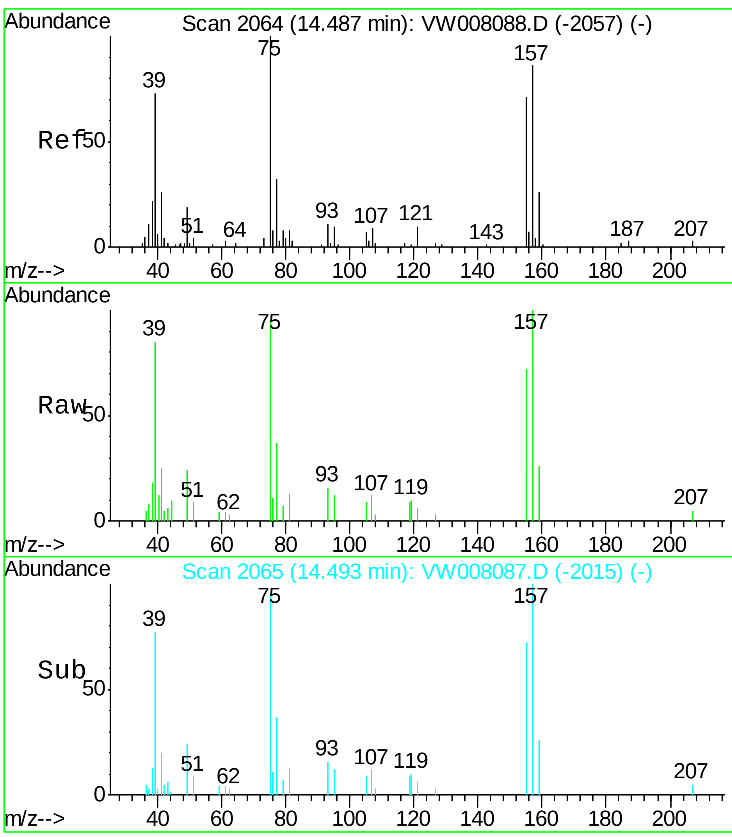
Tgt Ion:146 Resp: 37418

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	63.7
148	63.0	31.5	94.5

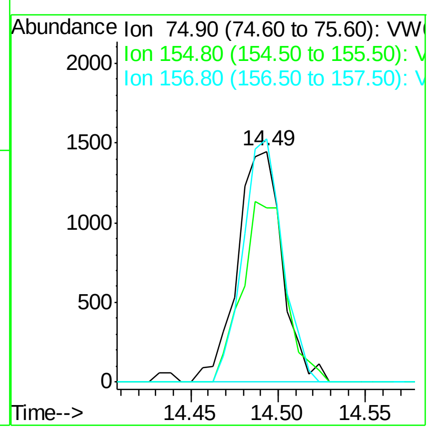


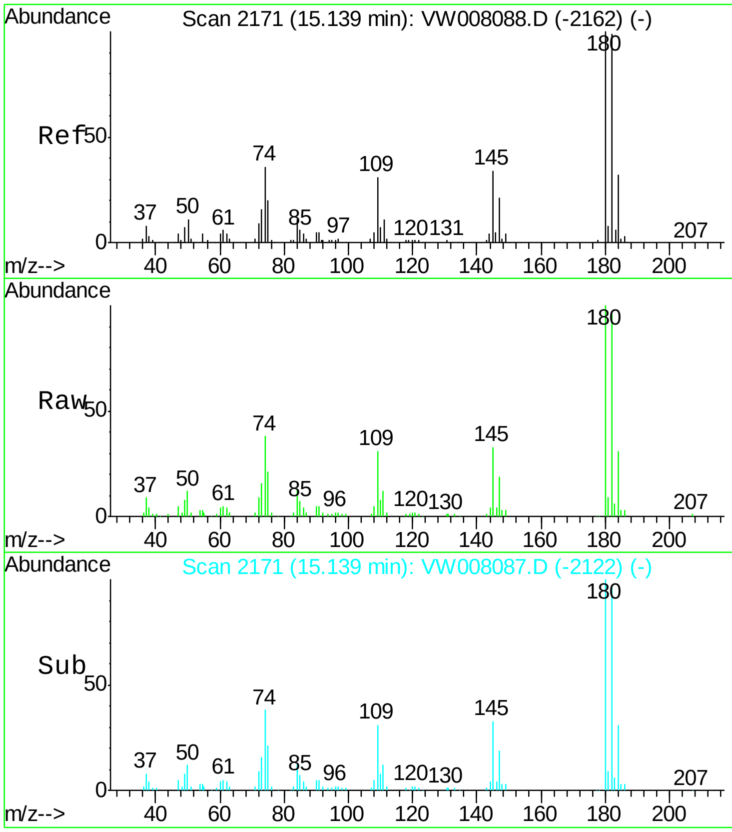


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.976 ug/l
RT: 14.49 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion: 75 Resp: 2589

Ion	Ratio	Lower	Upper
75	100		
155	77.2	38.6	115.7
157	93.0	47.5	142.6





#93
1,2,4-Trichlorobenzene
Concen: 18.540 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 24374

Ion	Ratio	Lower	Upper
180	100		
182	91.5	48.6	145.9
145	32.6	16.6	49.7

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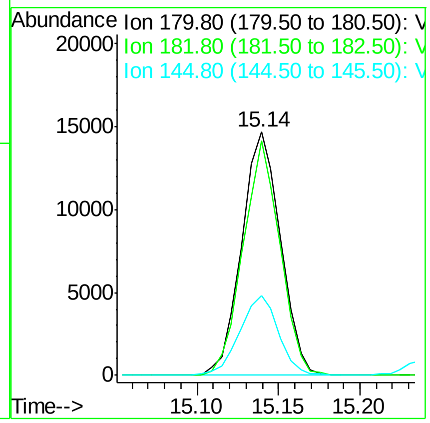
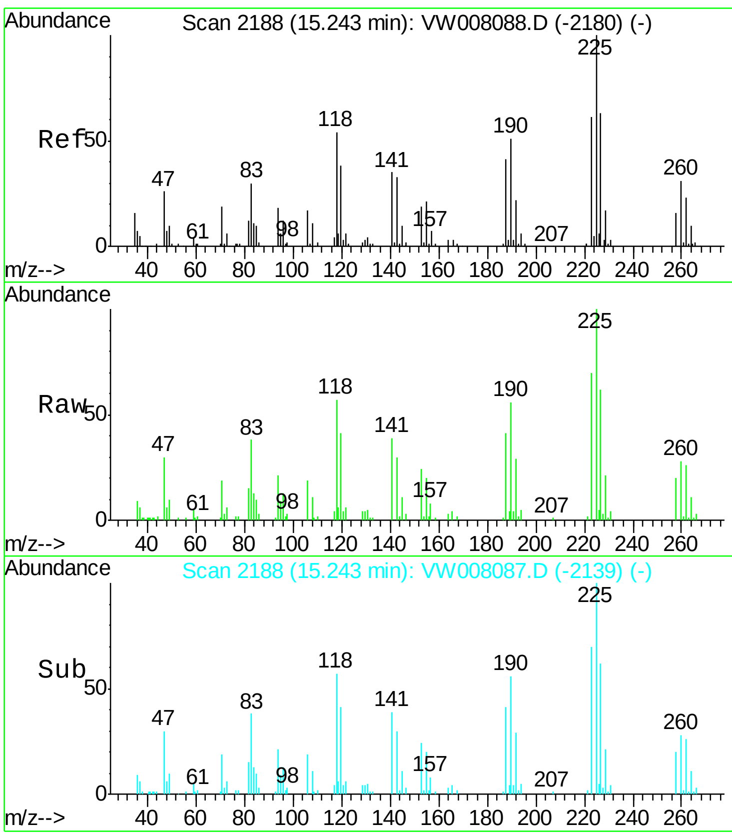
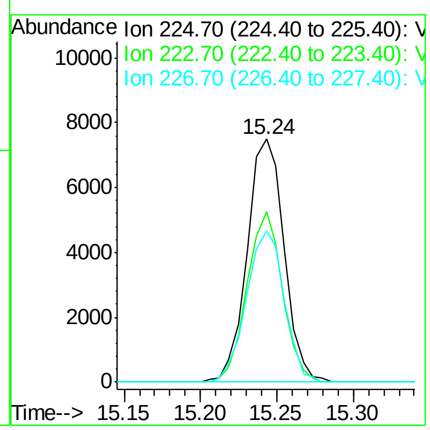


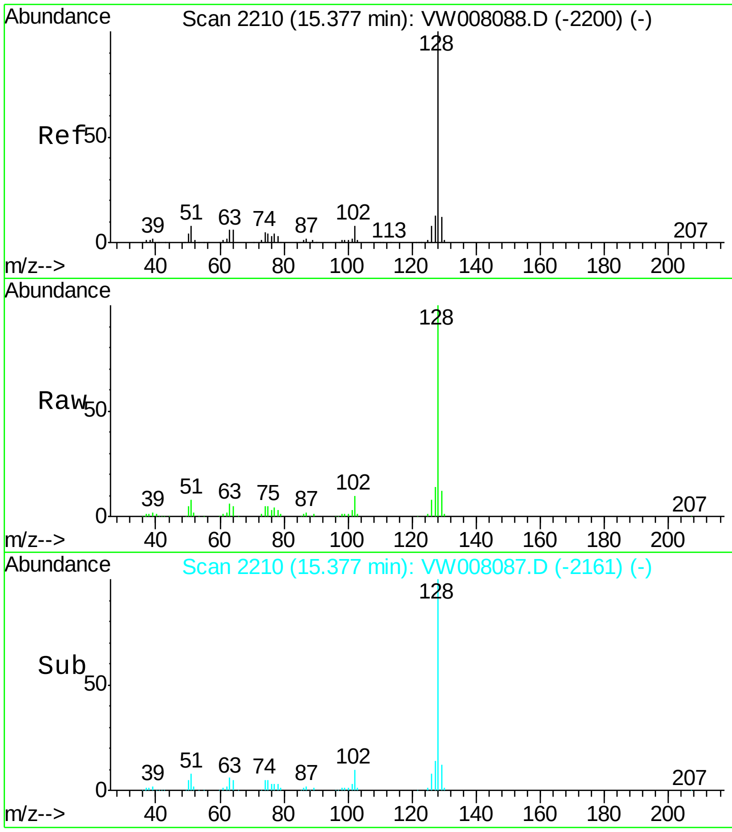


#94
Hexachlorobutadiene
Concen: 16.734 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:225 Resp: 12610

Ion	Ratio	Lower	Upper
225	100		
223	67.1	31.4	94.3
227	63.6	32.0	96.2





#95
Naphthalene
Concen: 20.426 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Instrument : MSVOA_W
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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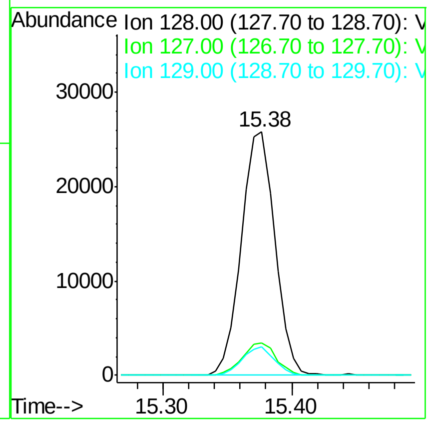
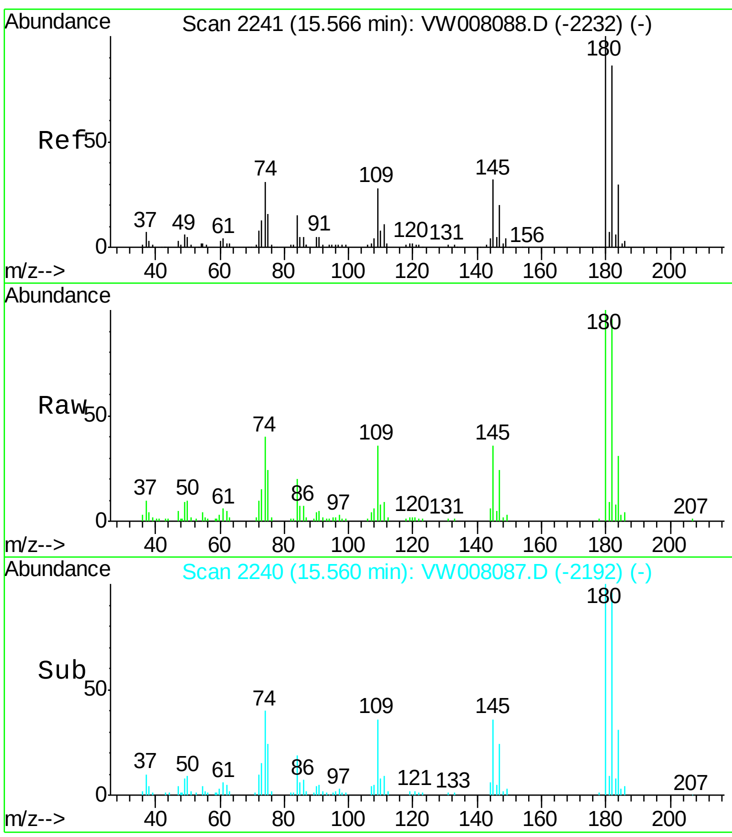
Tgt Ion:128 Resp: 46545

Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	11.1	9.0	13.6





#96
1,2,3-Trichlorobenzene
Concen: 18.334 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008087.D
Acq: 08 Jan 2019 16:02

Tgt Ion:180 Resp: 20054

Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.5	139.3
145	35.5	17.4	52.2