Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008391.D
Acq On : 24 Oct 2018 14:40
Operator : SY/MD
Sample : MDL02
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL02

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Quant Time: Oct 25 10:53:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192427	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74152	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47702	44.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.54%			
7) Chloroethane-d5	1.57	69	37547	48.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.62%			
11) 1,1-Dichloroethene-d2	2.13	63	67728	35.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.40%			
21) 2-Butanone-d5	3.93	46	115063	99.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.37%			
24) Chloroform-d	4.41	84	121157	46.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.22%			
26) 1,2-Dichloroethane-d4	5.09	65	83671	47.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.24%			
32) Benzene-d6	5.10	84	244688	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.02%			
36) 1,2-Dichloropropane-d6	6.12	67	84802	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.86%			
41) Toluene-d8	7.36	98	219615	48.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.88%			
43) trans-1,3-Dichloropropene-	7.67	79	41158	49.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.76%			
47) 2-Hexanone-d5	8.14	63	88765	99.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.09%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114723	49.38	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.76%			
64) 1,2-Dichlorobenzene-d4	11.68	152	74921	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.78%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2416	1.758	ug/L	96
3) Chloromethane	1.25	50	2748	1.867	ug/L	95
5) Vinyl chloride	1.33	62	2579	1.891	ug/L #	52
6) Bromomethane	1.52	94	853	2.279	ug/L	94
8) Chloroethane	1.59	64	1591	2.220	ug/L	91
9) Trichlorofluoromethane	1.77	101	3086	1.758	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2172	2.369	ug/L #	82
12) 1,1-Dichloroethene	2.14	96	2275	2.635	ug/L #	1
13) Acetone	2.19	43	3595	4.000	ug/L	96
14) Carbon disulfide	2.32	76	7161	1.842	ug/L	100
15) Methyl Acetate	2.46	43	3203	1.787	ug/L	98
16) Methylene chloride	2.54	84	2891	1.933	ug/L	91
17) trans-1,2-Dichloroethene	2.80	96	2381	1.809	ug/L	95
18) Methyl tert-butyl Ether	2.81	73	8390	1.781	ug/L #	90
19) 1,1-Dichloroethane	3.24	63	4814	1.774	ug/L	96
20) cis-1,2-Dichloroethene	3.97	96	2879	1.920	ug/L	96
22) 2-Butanone	4.03	43	4267	3.287	ug/L #	67

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Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

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Quant Time: Oct 25 10:53:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	1245m	1.761 ug/L		
25) Chloroform	4.43	83	5398m	2.037 ug/L		
27) 1,2-Dichloroethane	5.19	62	4298	1.942 ug/L		99
29) Cyclohexane	4.73	56	4738	1.876 ug/L	#	66
30) 1,1,1-Trichloroethane	4.66	97	4181	1.859 ug/L		94
31) Carbon tetrachloride	4.88	117	3316	1.737 ug/L		95
33) Benzene	5.15	78	10538	1.859 ug/L		100
34) Trichloroethene	5.96	95	2783	1.917 ug/L		91
35) Methylcyclohexane	6.18	83	4443	1.801 ug/L		94
37) 1,2-Dichloropropane	6.23	63	2922	1.866 ug/L	#	89
38) Bromodichloromethane	6.56	83	3484	1.746 ug/L		99
39) cis-1,3-Dichloropropene	7.07	75	4711	1.914 ug/L		97
40) 4-Methyl-2-pentanone	7.28	43	8775	3.785 ug/L		94
42) Toluene	7.43	91	10889	1.849 ug/L		100
44) trans-1,3-Dichloropropene	7.70	75	4381	1.902 ug/L		99
45) 1,1,2-Trichloroethane	7.89	97	2423	1.750 ug/L		98
46) Tetrachloroethene	8.02	164	1612	1.704 ug/L		88
48) 2-Hexanone	8.19	43	6972	3.897 ug/L	#	92
49) Dibromochloromethane	8.30	129	2774	1.865 ug/L		97
50) 1,2-Dibromoethane	8.40	107	2615	1.801 ug/L	#	100
51) Chlorobenzene	8.93	112	6566	1.811 ug/L		97
52) Ethylbenzene	9.06	91	11620	1.762 ug/L		97
53) m,p-Xylene	9.19	106	4316	1.791 ug/L		98
54) o-xylene	9.59	106	4426	1.839 ug/L		92
55) Styrene	9.61	104	7174	1.769 ug/L		95
56) Isopropylbenzene	9.98	105	10895	1.730 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5022	2.071 ug/L	#	97
59) 1,2,3-Trichloropropane	10.32	75	3519	1.793 ug/L		92
61) Bromoform	9.78	173	1689	1.805 ug/L	#	94
62) 1,3-Dichlorobenzene	11.23	146	4523	1.845 ug/L		96
63) 1,4-Dichlorobenzene	11.32	146	4827	1.964 ug/L		92
65) 1,2-Dichlorobenzene	11.69	146	4815	1.926 ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.48	75	898m	1.747 ug/L		
67) 1,3,5-Trichlorobenzene	12.70	180	2462	1.538 ug/L	#	96
68) 1,2,4-trichlorobenzene	13.32	180	1602	1.237 ug/L		99
69) Naphthalene	13.56	128	4678	1.117 ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.80	180	1716	1.326 ug/L		92

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

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Instrument :
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ClientSampleId :
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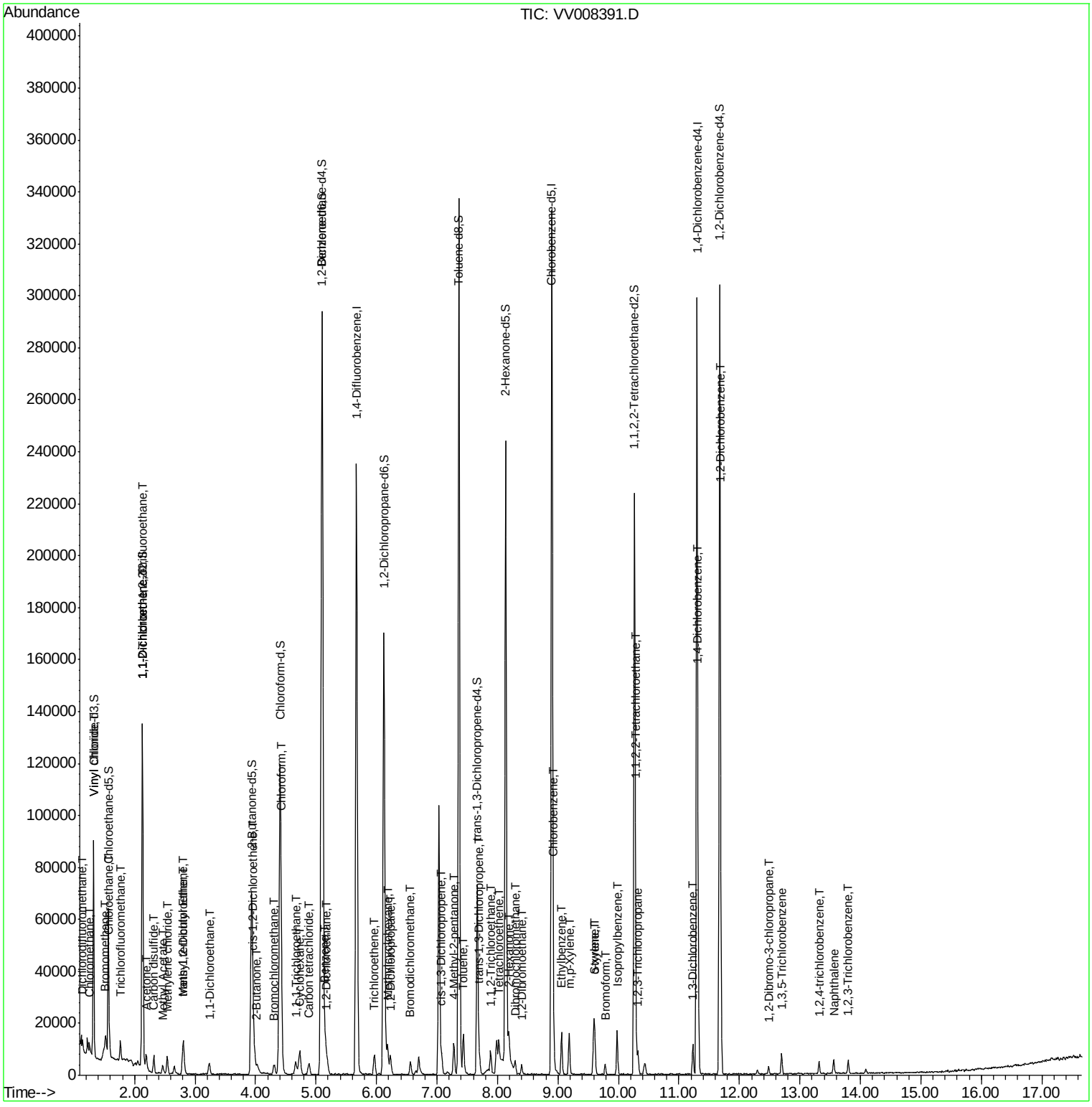
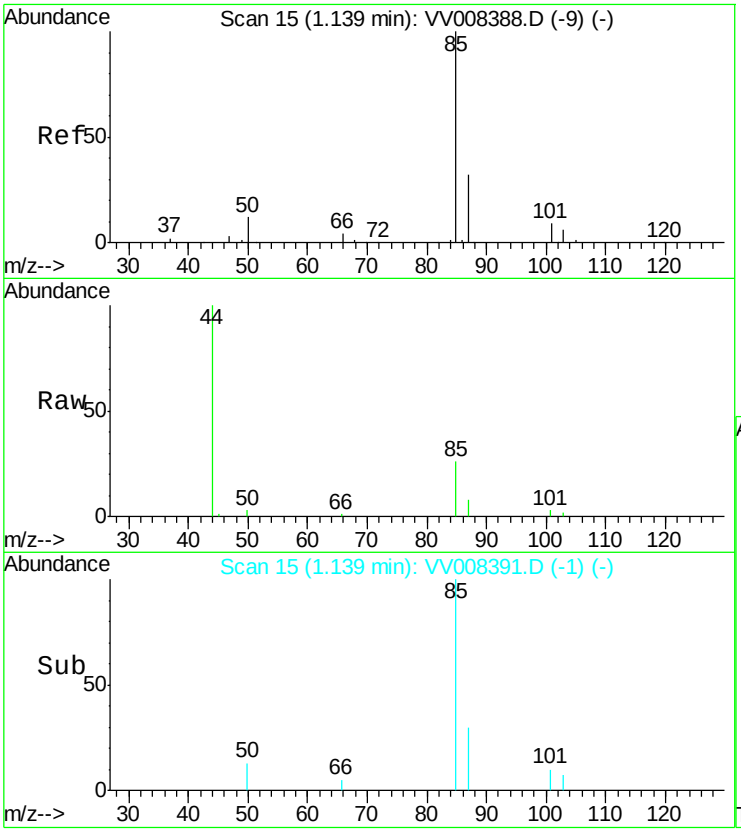
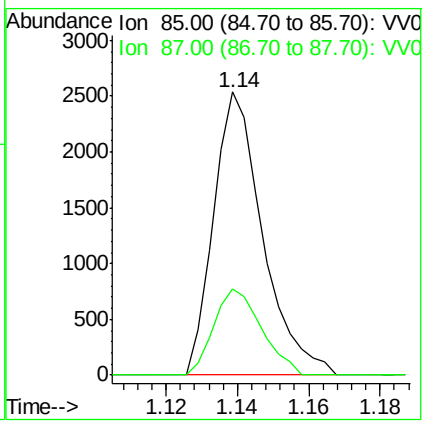




#2
Dichlorodifluoromethane
Concen: 1.758 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 85 Resp: 2416

Ion	Ratio	Lower	Upper
85	100		
87	29.4	25.4	38.2



Instrument :
MSVOA_V
ClientSampleId :
MDL02

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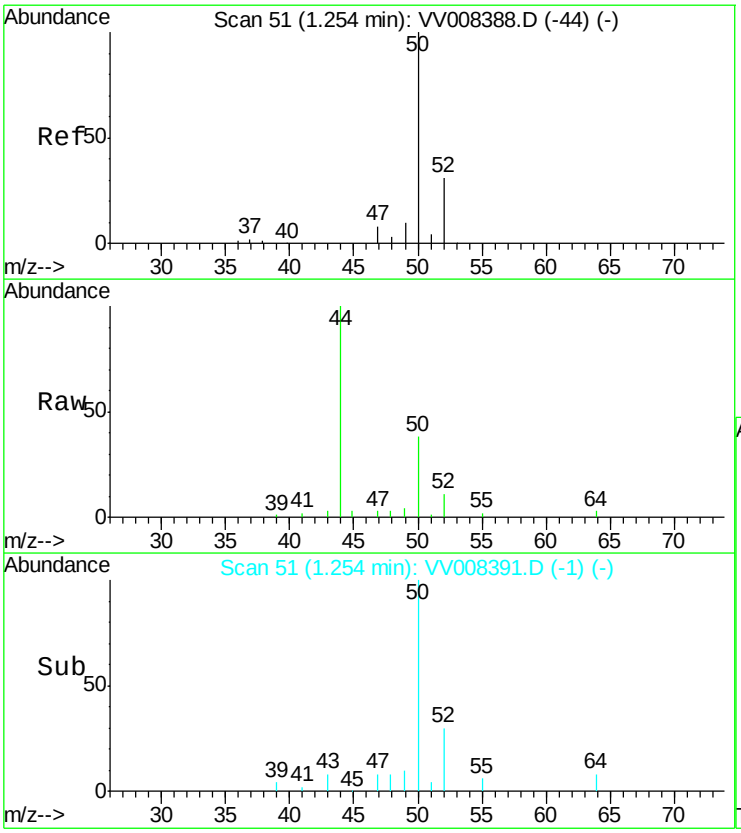
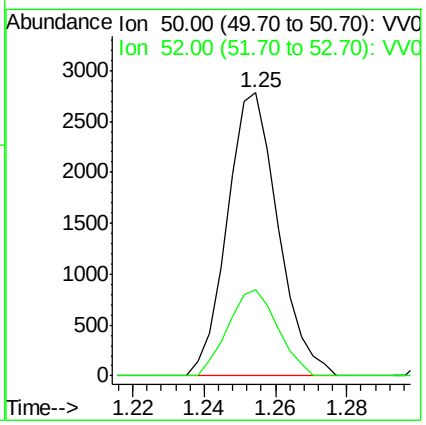
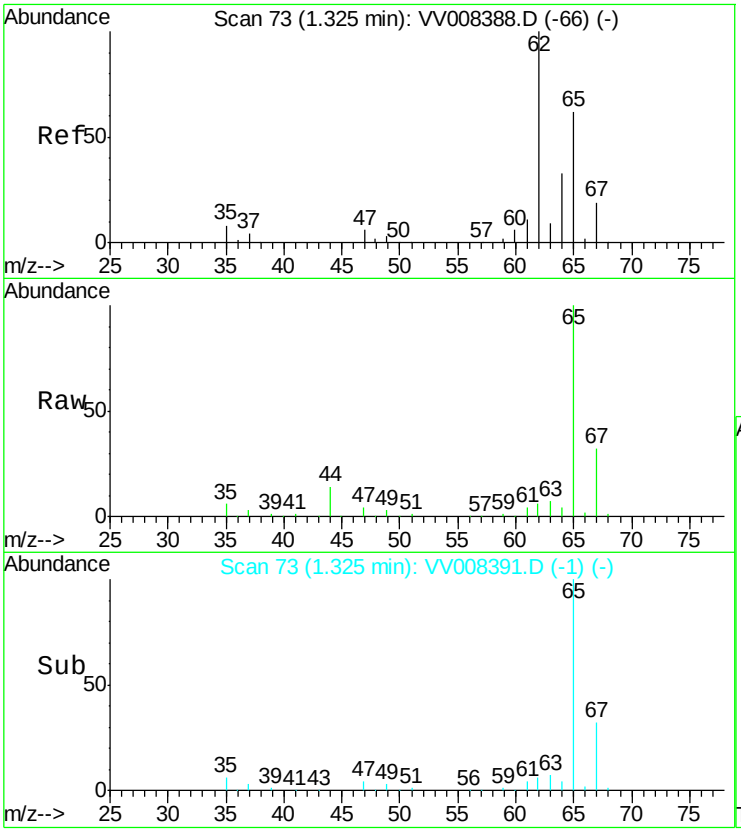


#3
Chloromethane
Concen: 1.867 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 50 Resp: 2748

Ion	Ratio	Lower	Upper
50	100		
52	30.3	23.1	42.9

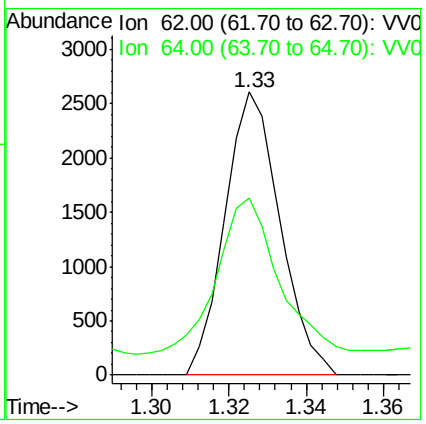




#5
Vinyl chloride
Concen: 1.891 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 62 Resp: 2579

Ion	Ratio	Lower	Upper
62	100		
64	62.4	24.4	45.4#



Instrument :
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ClientSampleId :
MDL02

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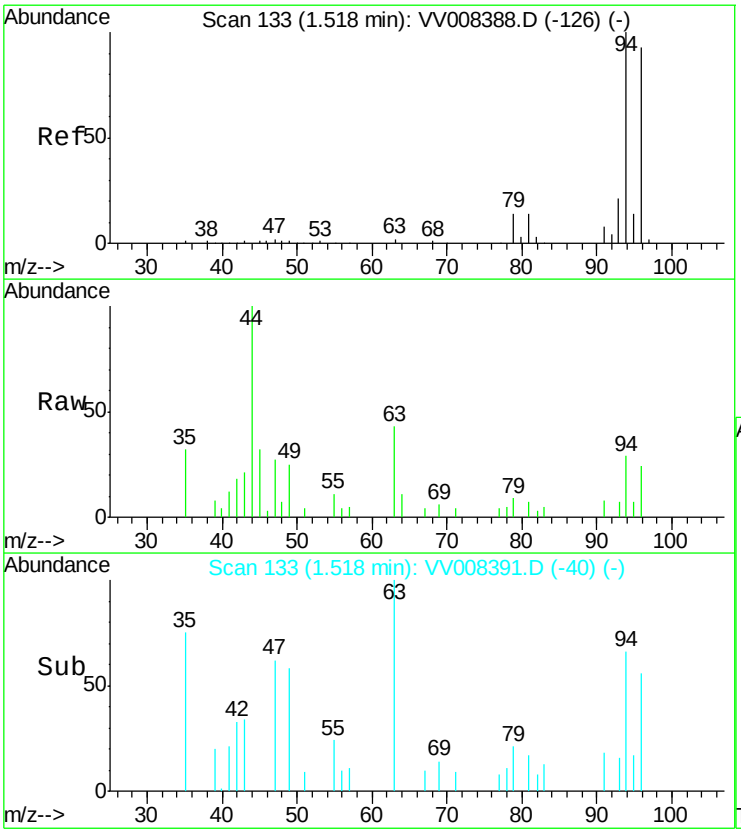
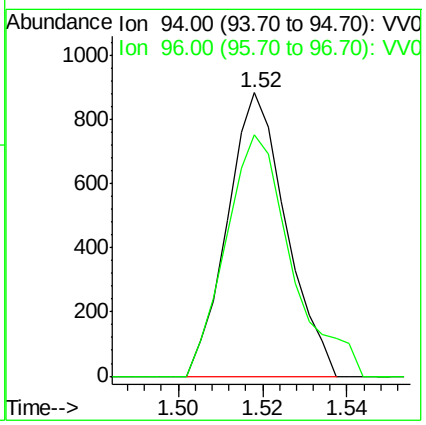
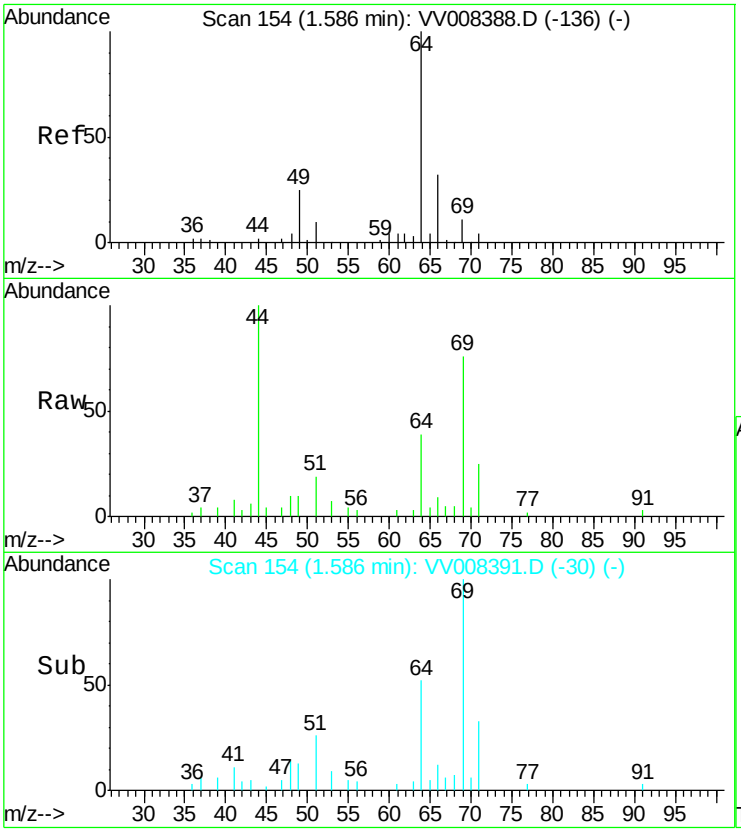


#6
Bromomethane
Concen: 2.279 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 94 Resp: 853

Ion	Ratio	Lower	Upper
94	100		
96	85.1	63.8	118.6

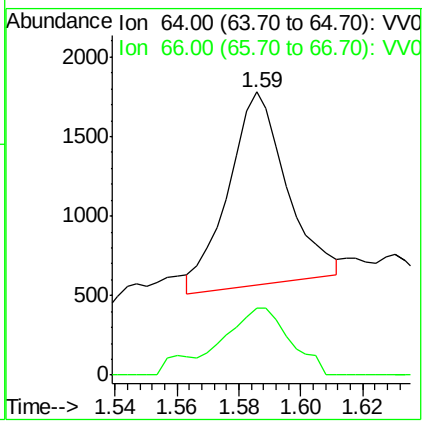




#8
Chloroethane
Concen: 2.220 ug/L
RT: 1.59 min Scan# 154
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 64 Resp: 1591

Ion	Ratio	Lower	Upper
64	100		
66	23.7	19.9	36.9



Instrument :
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ClientSampleId :
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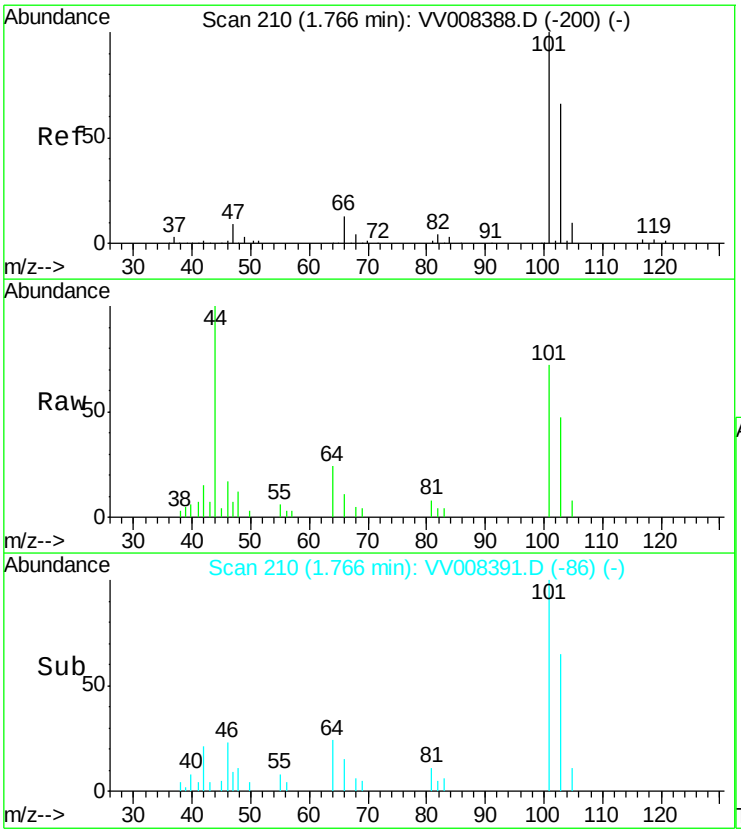
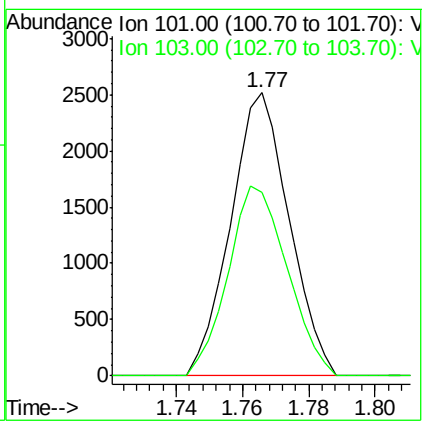
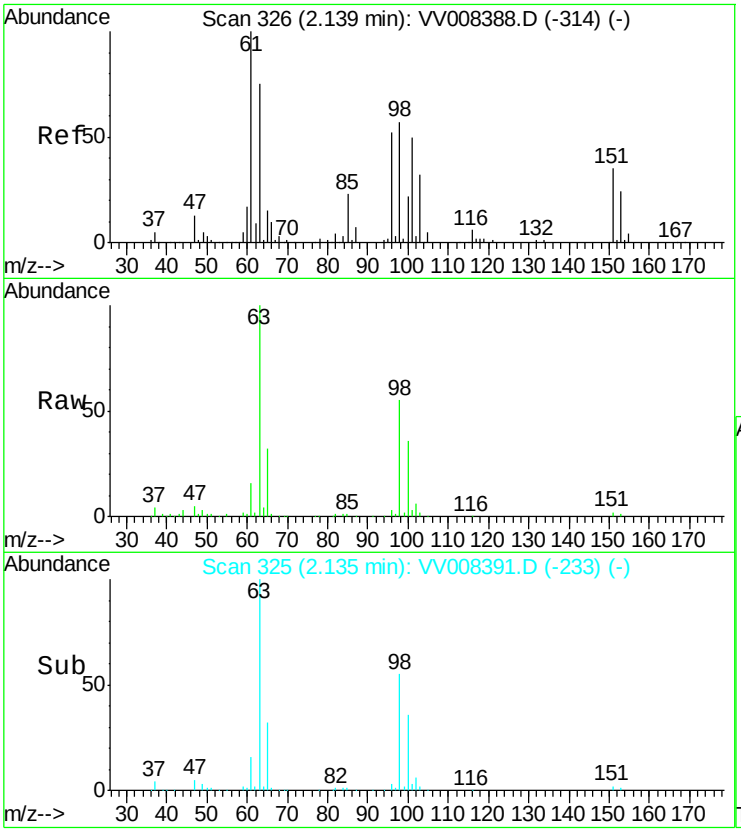


#9
Trichlorofluoromethane
Concen: 1.758 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:101 Resp: 3086

Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.0	76.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.369 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:101 Resp: 2172

Ion	Ratio	Lower	Upper
101	100		
85	38.8	35.6	53.4
151	53.5	58.1	87.1#

Instrument :
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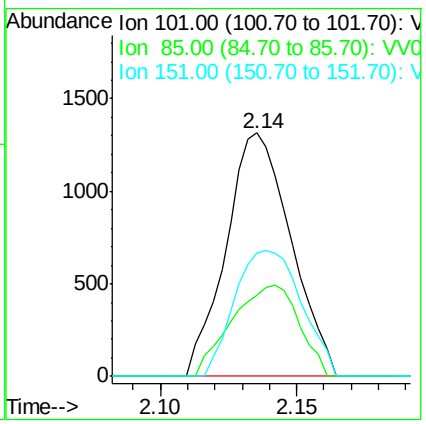
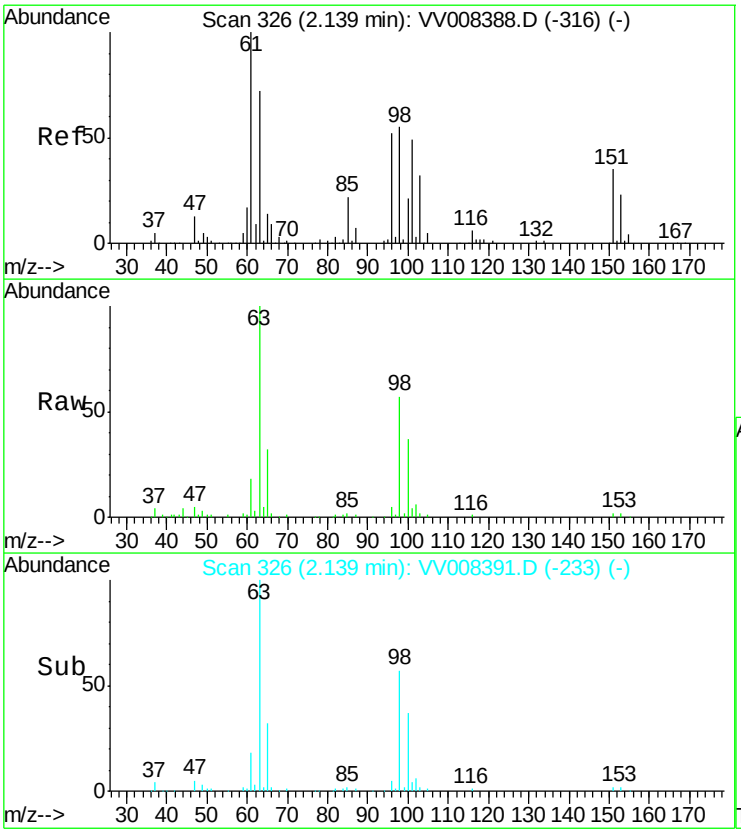
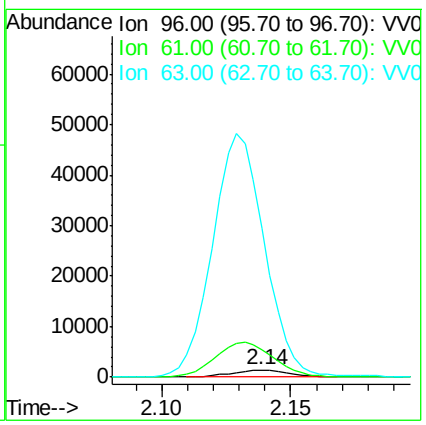


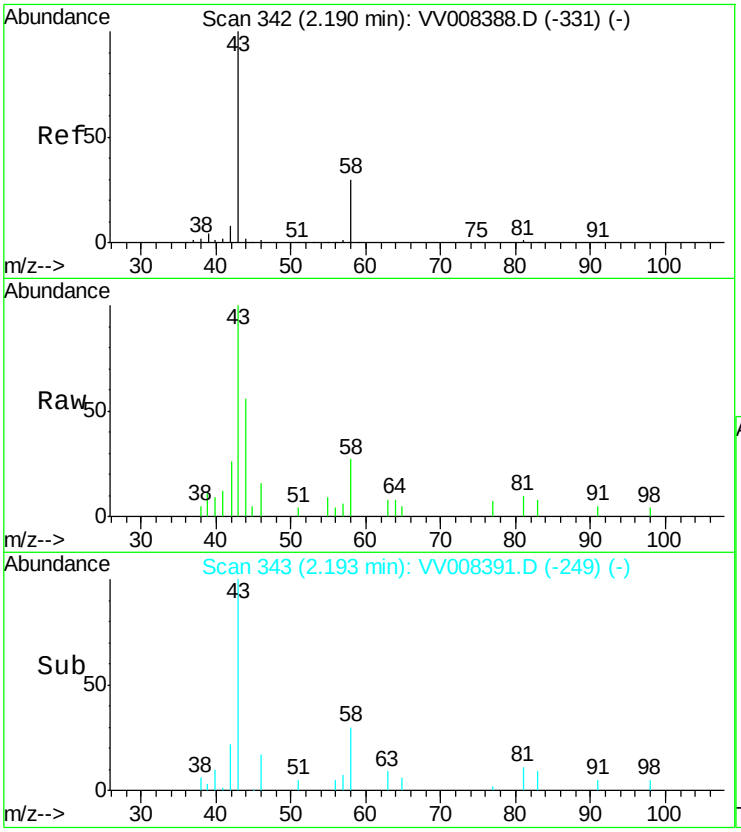


#12
1,1-Dichloroethene
Concen: 2.635 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 96 Resp: 2275

Ion	Ratio	Lower	Upper
96	100		
61	378.6	130.3	242.1#
63	2060.7	84.4	156.8#

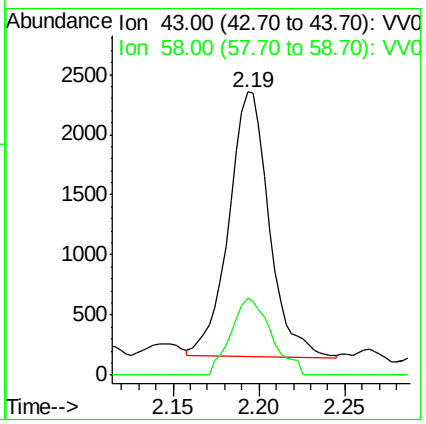




#13
Acetone
Concen: 4.000 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 43 Resp: 3595

Ion	Ratio	Lower	Upper
43	100		
58	28.6	0.0	61.4



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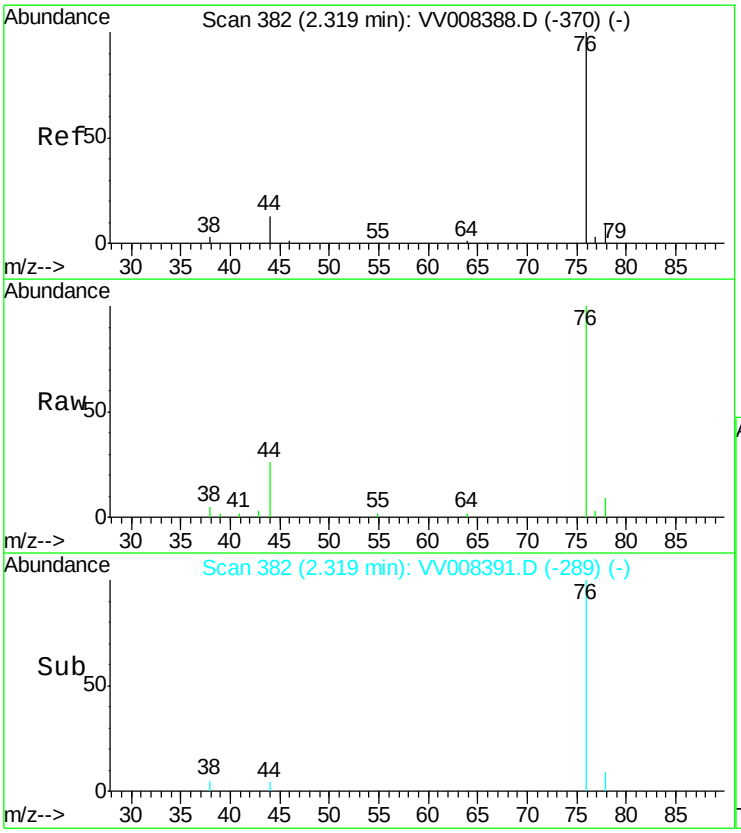
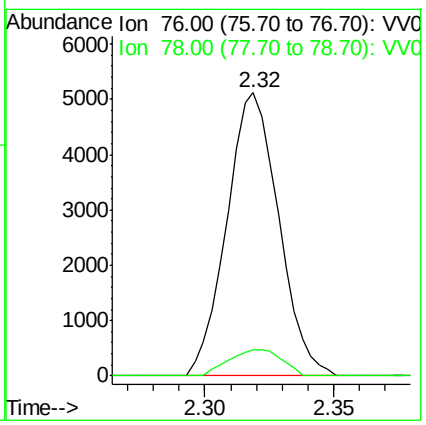
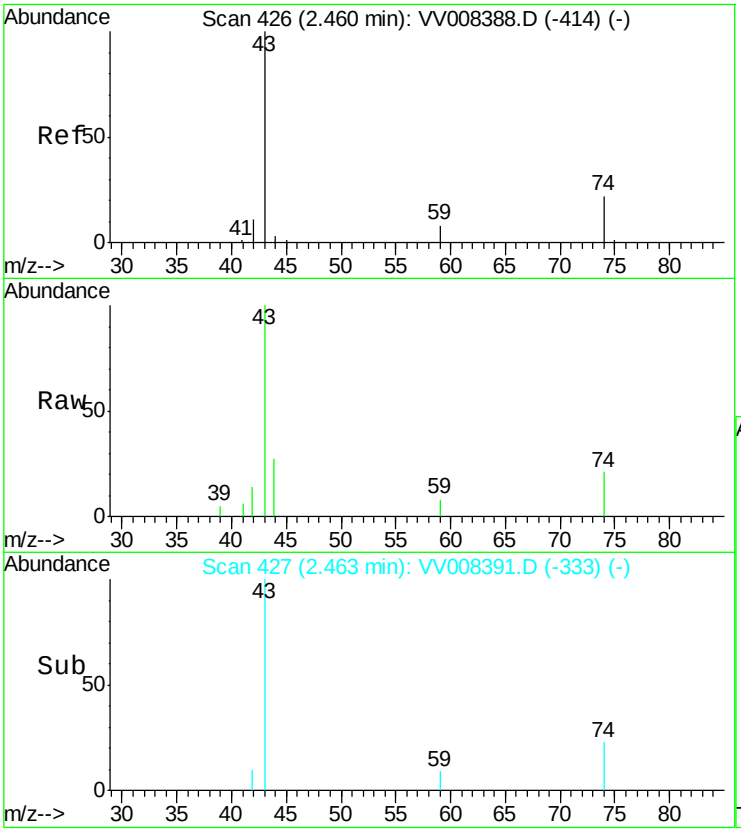


#14
Carbon disulfide
Concen: 1.842 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 76 Resp: 7161

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

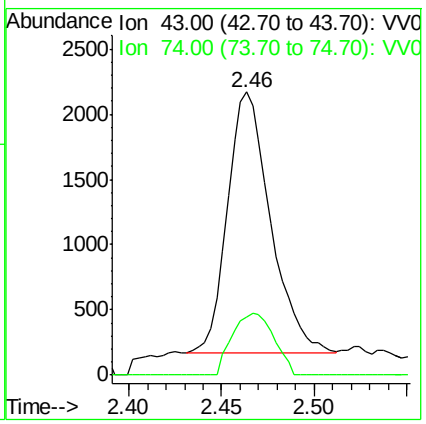




#15
Methyl Acetate
Concen: 1.787 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 43 Resp: 3203

Ion	Ratio	Lower	Upper
43	100		
74	23.1	17.8	26.6



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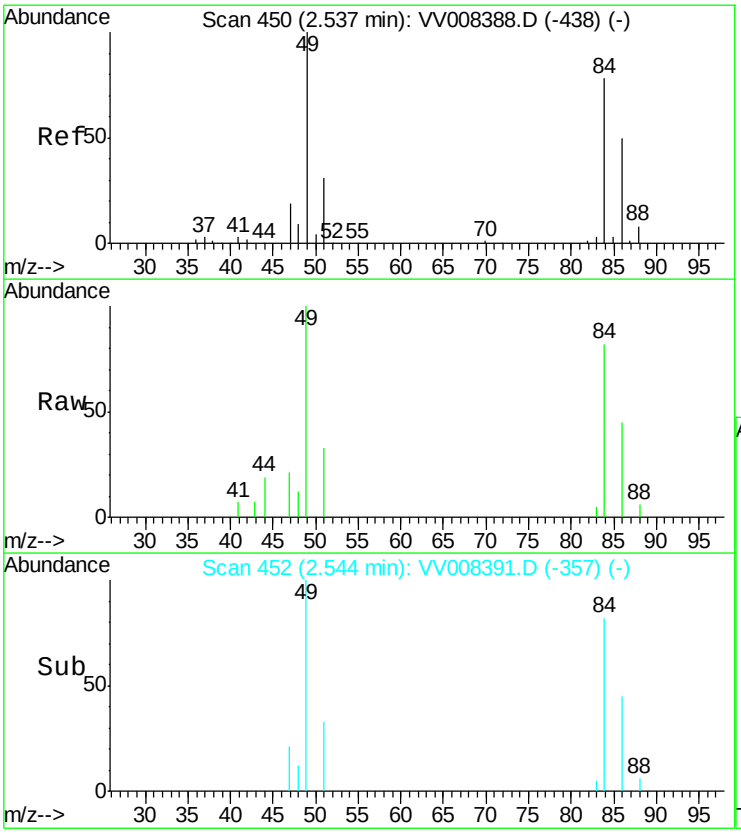
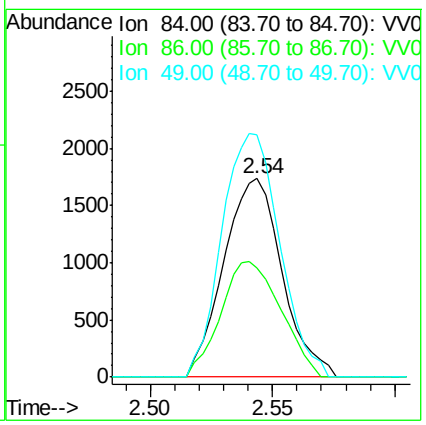
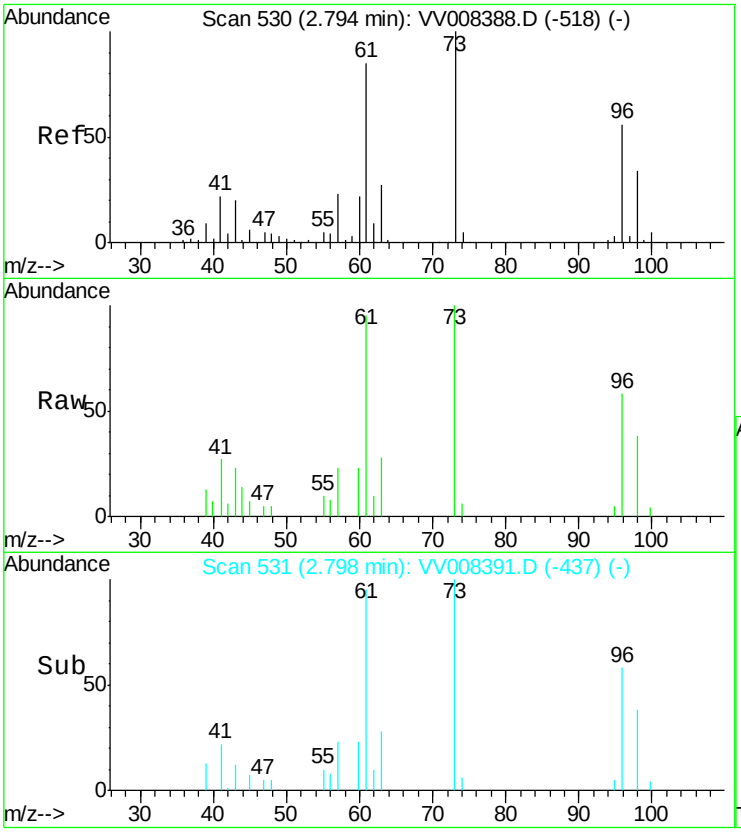


#16
Methylene chloride
Concen: 1.933 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.01 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 84 Resp: 2891

Ion	Ratio	Lower	Upper
84	100		
86	54.9	45.6	84.6
49	121.6	90.6	168.3

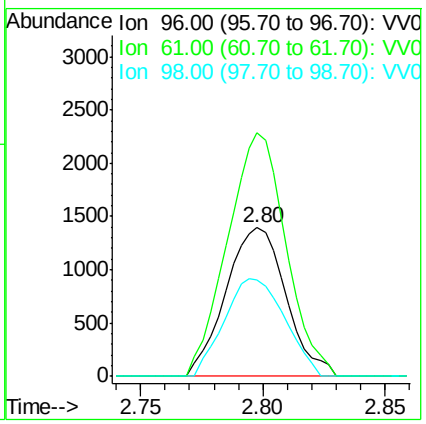




#17
trans-1,2-Dichloroethene
Concen: 1.809 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 96 Resp: 2381

Ion	Ratio	Lower	Upper
96	100		
61	163.8	108.6	201.6
98	65.0	44.3	82.3



Instrument :
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ClientSampleId :
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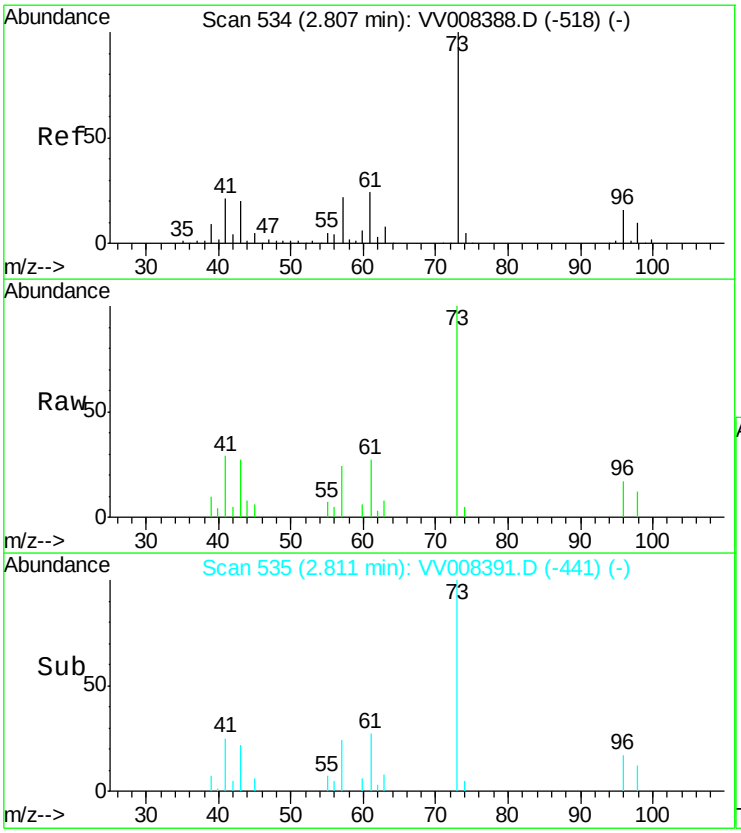
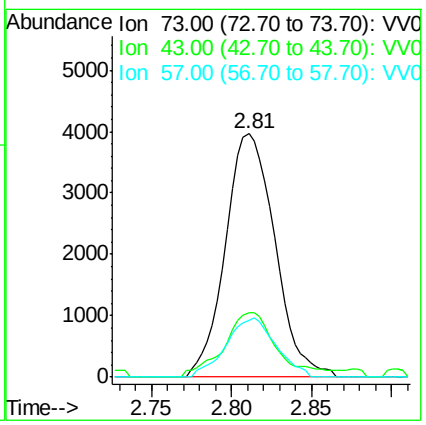
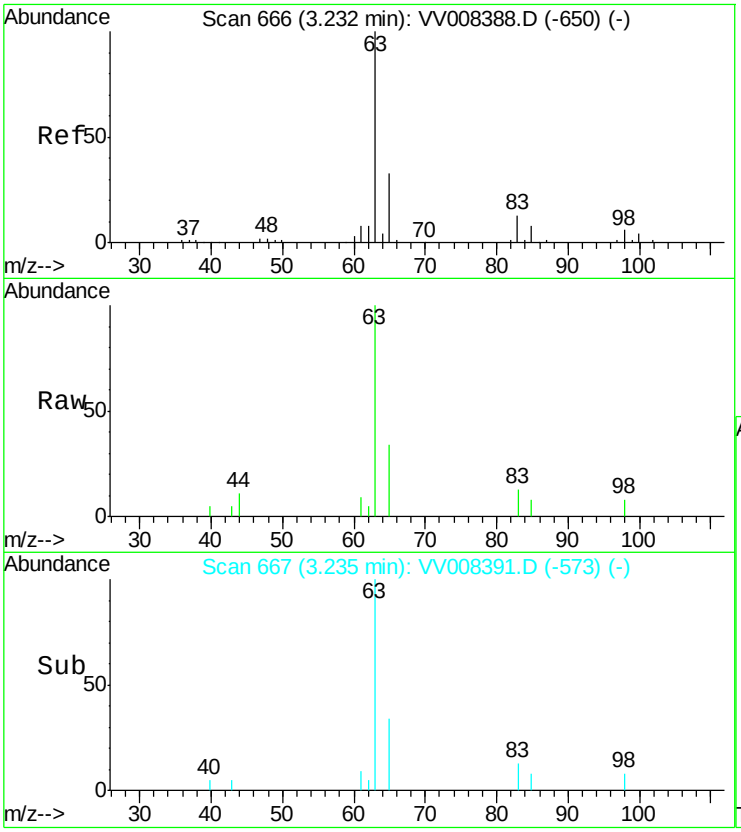


#18
Methyl tert-butyl Ether
Concen: 1.781 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 73 Resp: 8390

Ion	Ratio	Lower	Upper
73	100		
43	28.4	16.2	24.4#
57	24.4	18.2	27.2

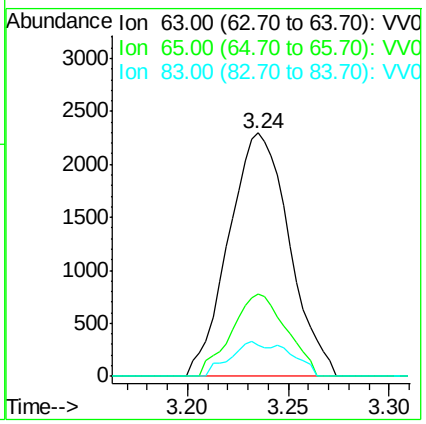




#19
1,1-Dichloroethane
Concen: 1.774 ug/L
RT: 3.24 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 63 Resp: 4814

Ion	Ratio	Lower	Upper
63	100		
65	34.0	22.0	40.8
83	12.8	9.3	17.3



Instrument :
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ClientSampleId :
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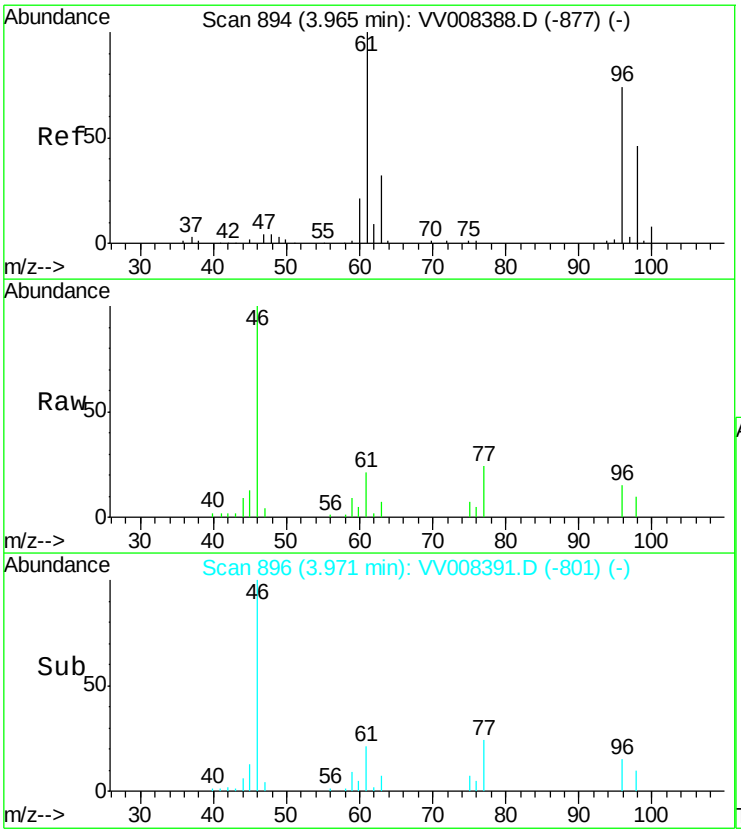
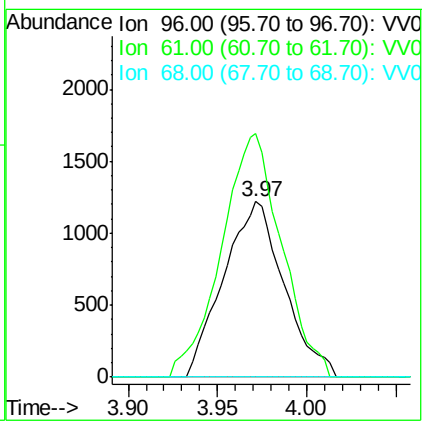
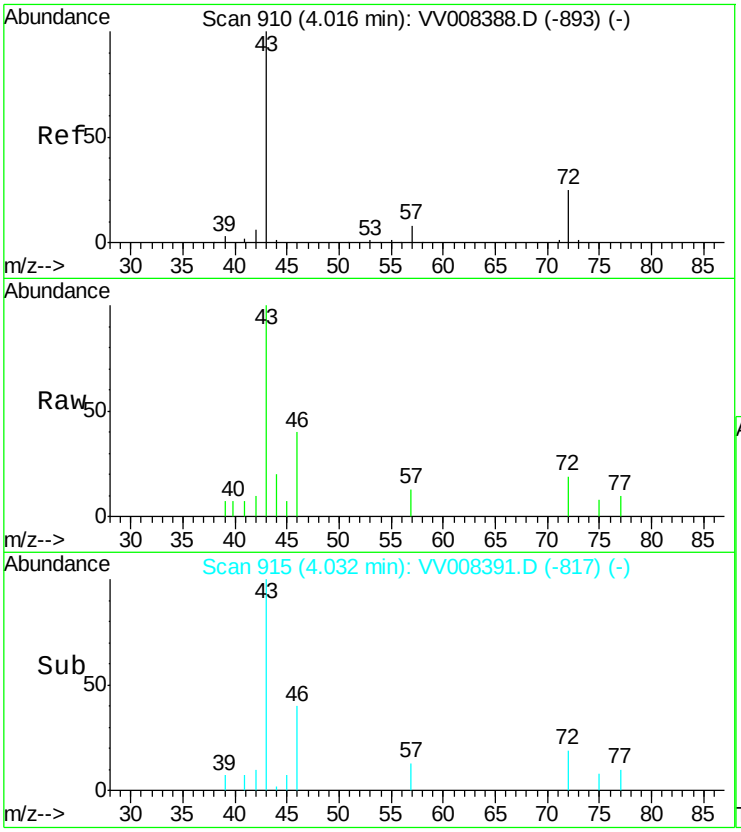


#20
cis-1,2-Dichloroethene
Concen: 1.920 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.01 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 96 Resp: 2879

Ion	Ratio	Lower	Upper
96	100		
61	138.8	100.9	187.5
68	0.0	0.0	0.0

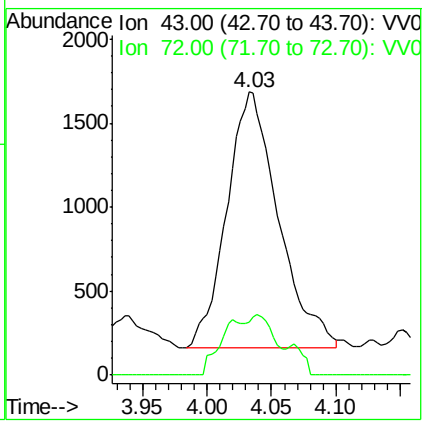




#22
2-Butanone
Concen: 3.287 ug/L
RT: 4.03 min Scan# 915
Delta R.T. 0.02 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 43 Resp: 4267

Ion	Ratio	Lower	Upper
43	100		
72	9.2	13.0	38.9#



Instrument :
MSVOA_V
ClientSampleId :
MDL02

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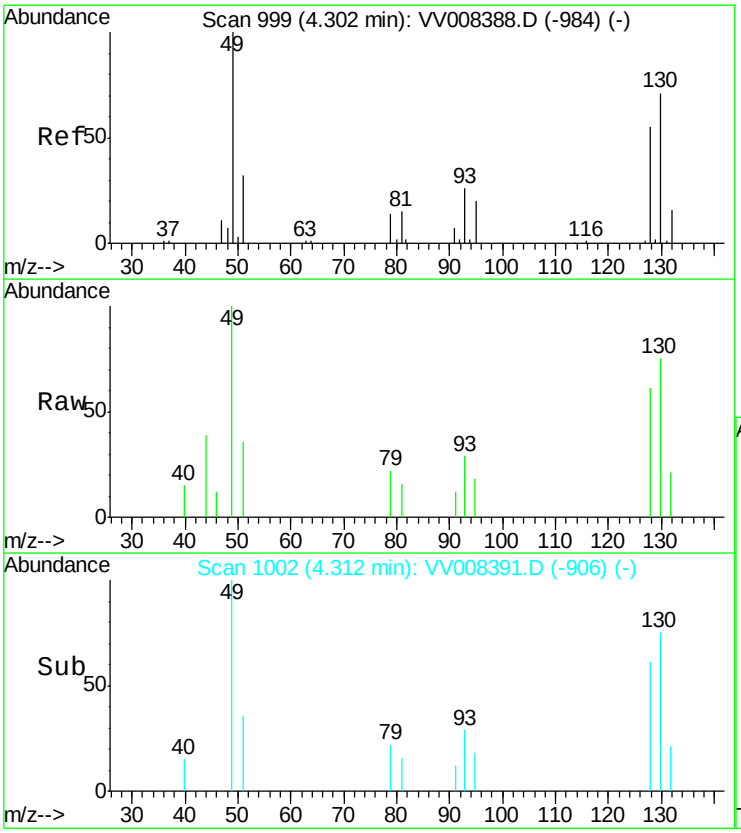
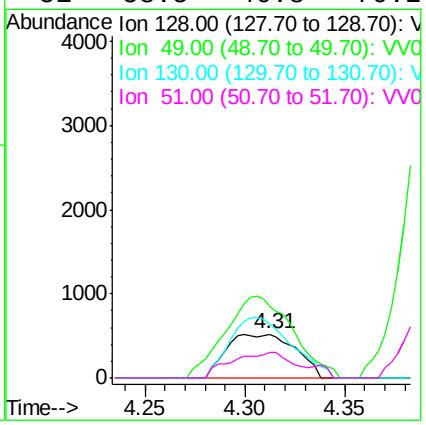
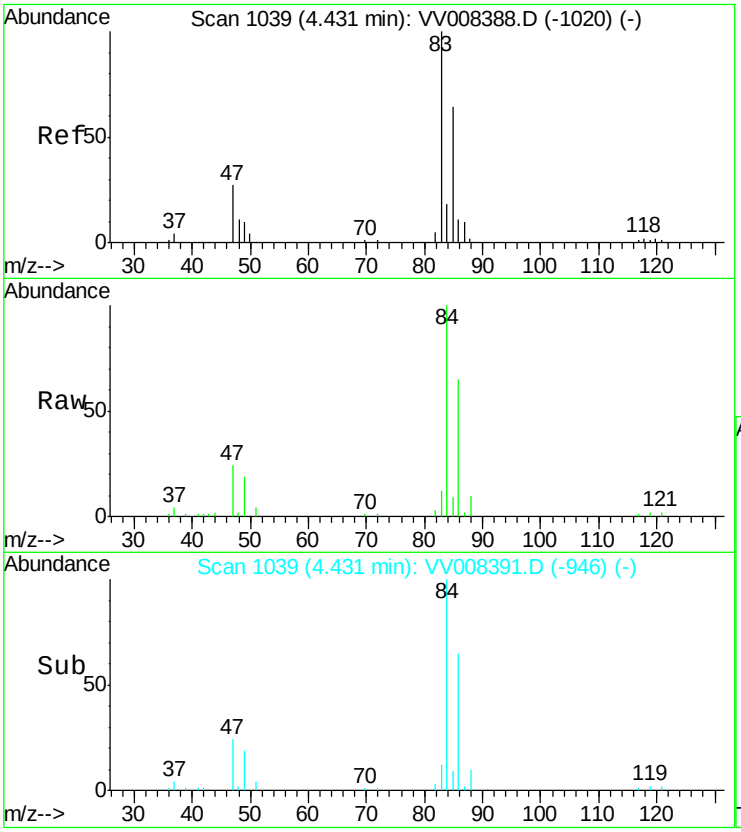


#23
Bromochloromethane
Concen: 1.761 ug/L m
RT: 4.31 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:128 Resp: 1245

Ion	Ratio	Lower	Upper
128	100		
49	164.3	128.0	237.8
130	124.0	89.2	165.8
51	58.5	46.8	70.2

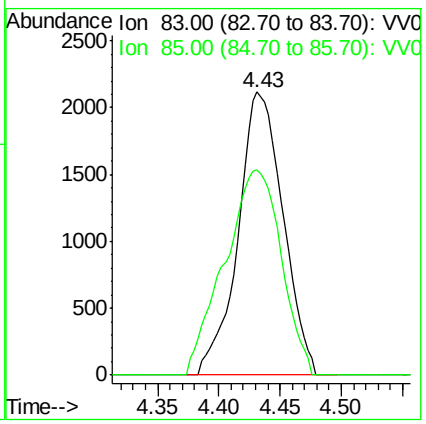




#25
Chloroform
Concen: 2.037 ug/L m
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 83 Resp: 5398

Ion	Ratio	Lower	Upper
83	100		
85	72.5	45.8	85.2



Instrument :
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ClientSampleId :
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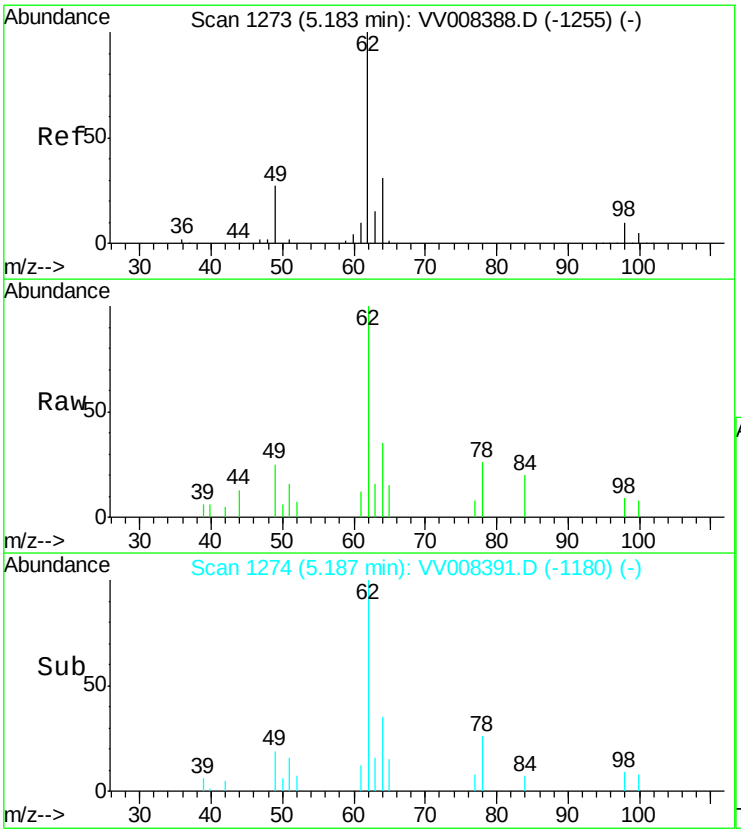
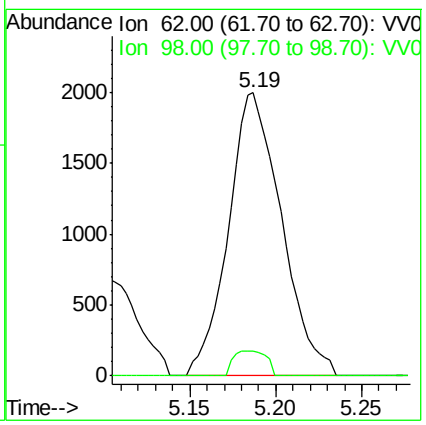
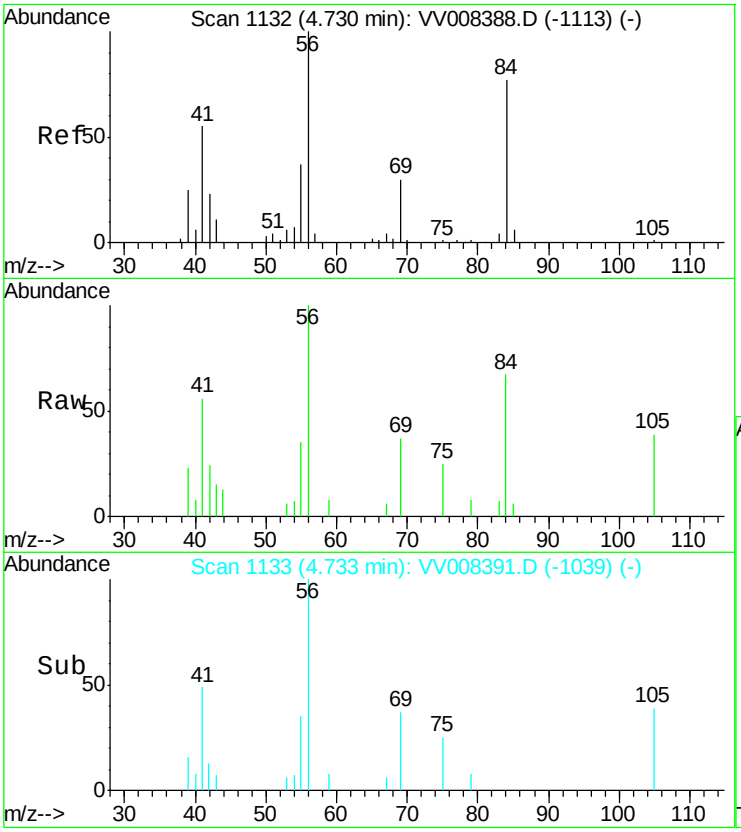


#27
1,2-Dichloroethane
Concen: 1.942 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 62 Resp: 4298

Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	9.8

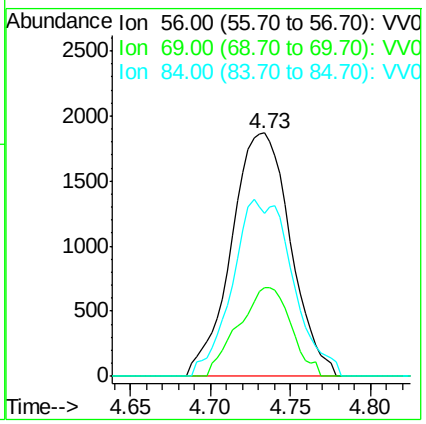




#29
Cyclohexane
Concen: 1.876 ug/L
RT: 4.73 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 56 Resp: 4738

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.6	37.0
84	40.0	65.0	97.4#



Instrument :
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ClientSampleId :
MDL02

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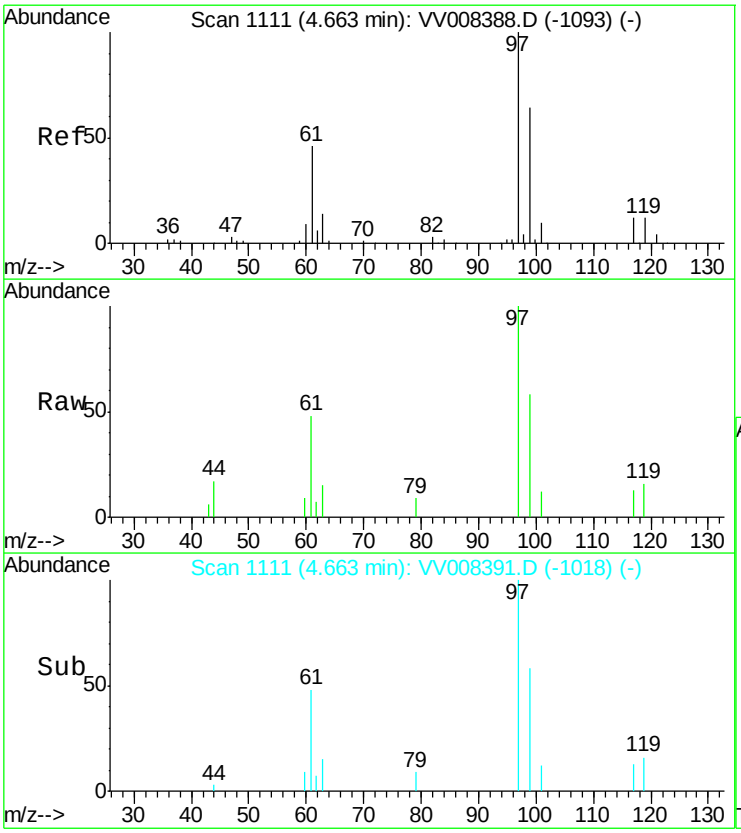
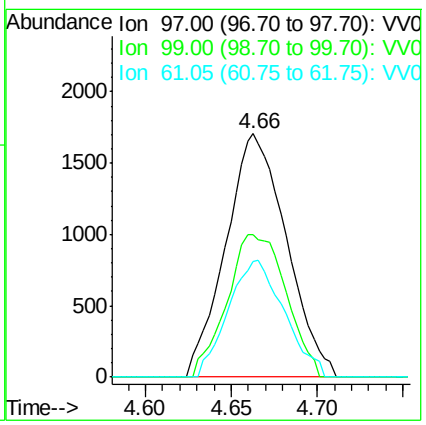
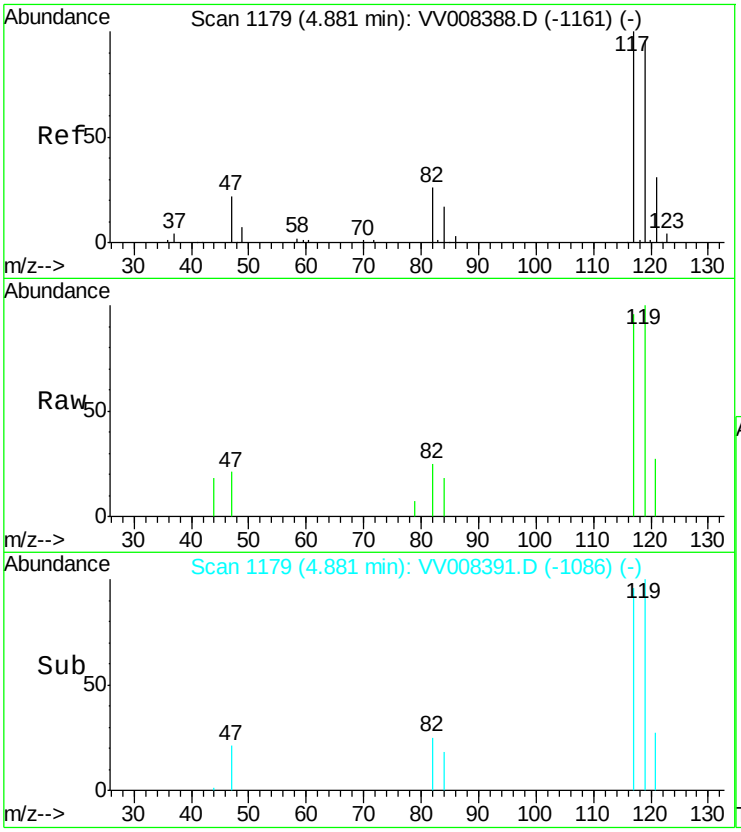


#30
1,1,1-Trichloroethane
Concen: 1.859 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 97 Resp: 4181

Ion	Ratio	Lower	Upper
97	100		
99	57.1	51.6	77.4
61	44.2	36.5	54.7





#31
Carbon tetrachloride
Concen: 1.737 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:117 Resp: 3316

Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.8	113.8

Instrument :
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ClientSampleId :
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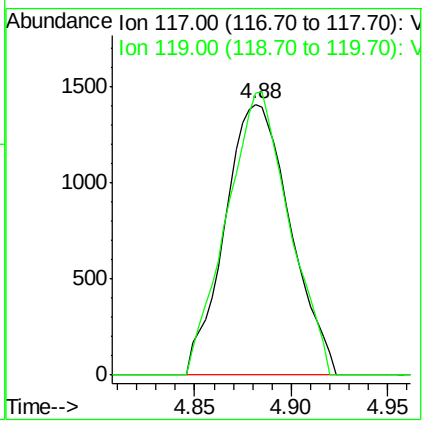
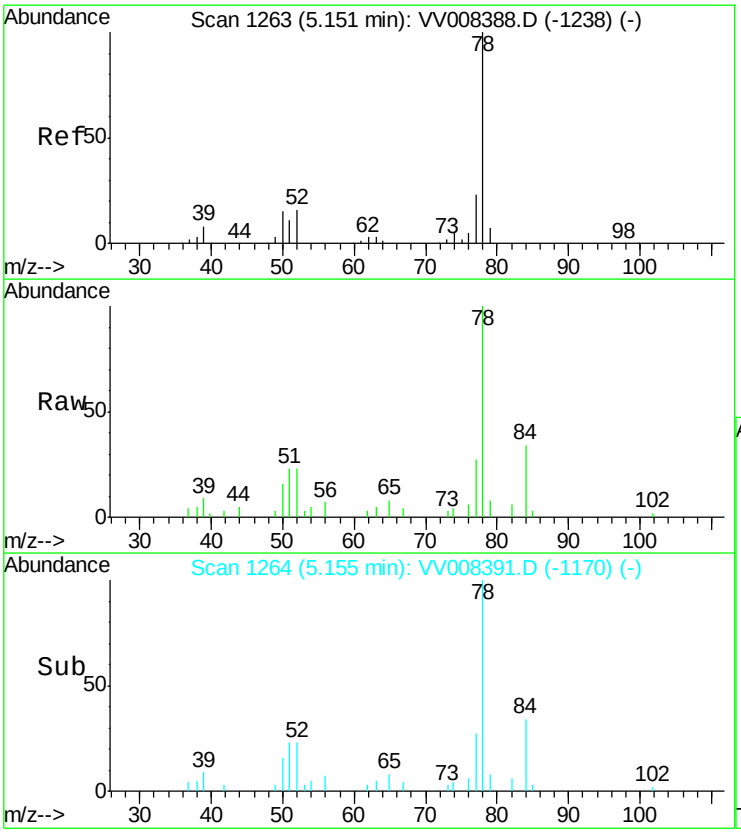
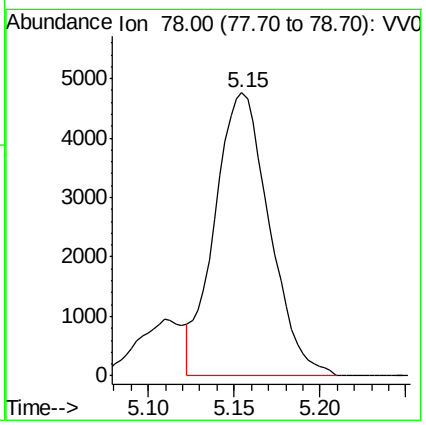
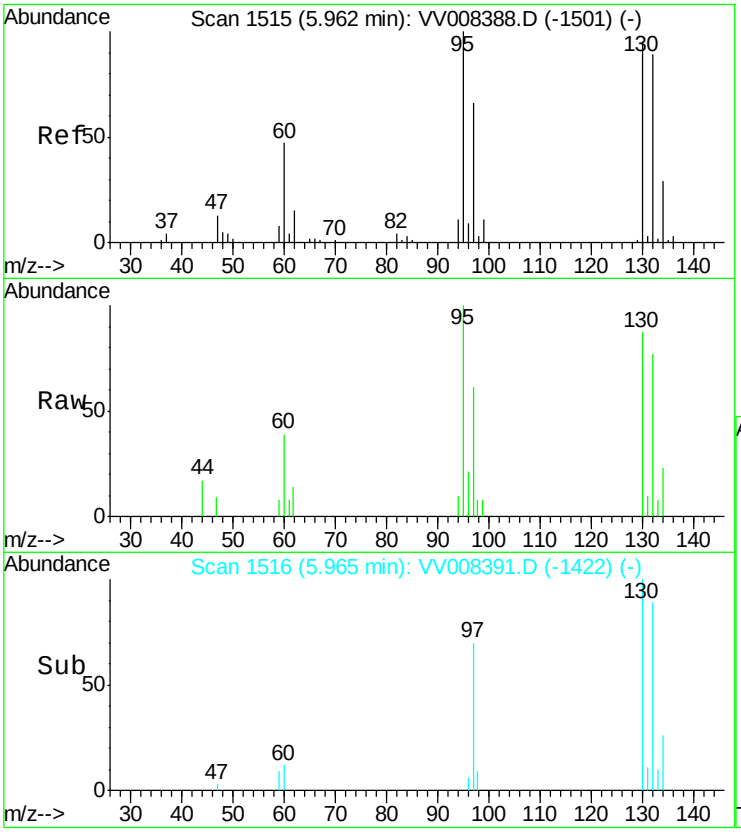




#33
Benzene
Concen: 1.859 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 78 Resp: 10538

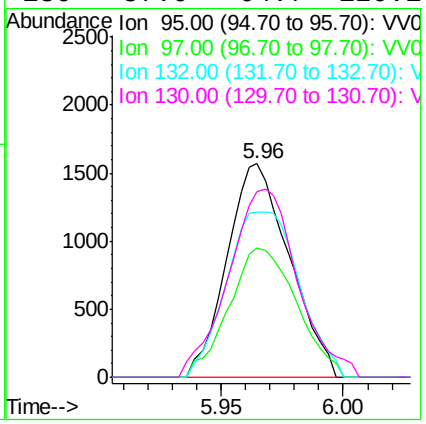




#34
Trichloroethene
Concen: 1.917 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 95 Resp: 2783

Ion	Ratio	Lower	Upper
95	100		
97	60.8	45.2	84.0
132	77.5	63.8	118.6
130	87.0	64.7	120.1



Instrument :
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ClientSampleId :
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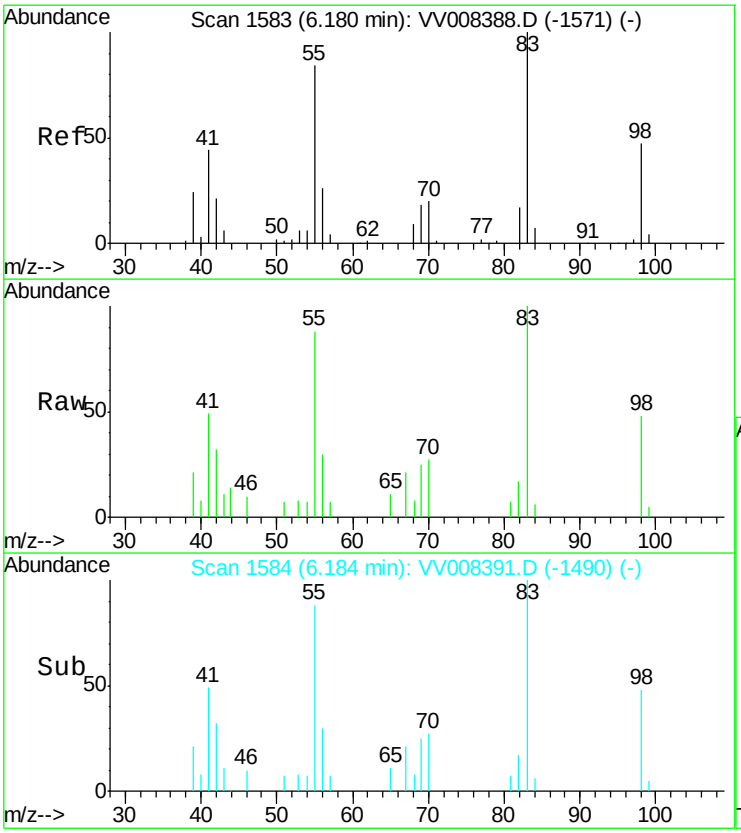
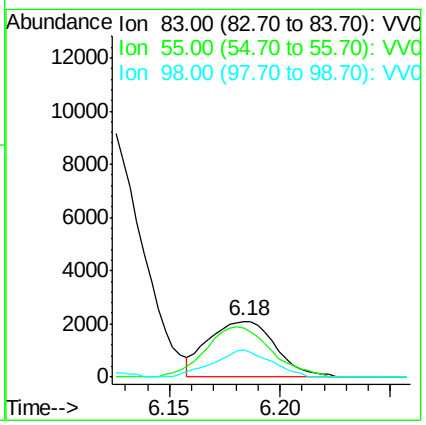
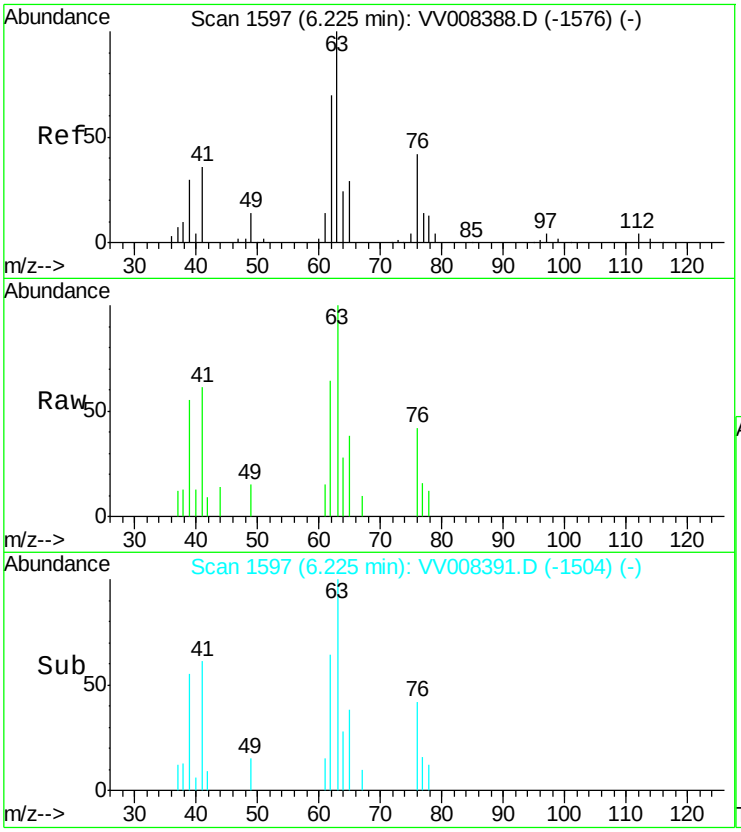


#35
Methylcyclohexane
Concen: 1.801 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 83 Resp: 4443

Ion	Ratio	Lower	Upper
83	100		
55	87.8	65.0	97.4
98	41.8	36.0	54.0

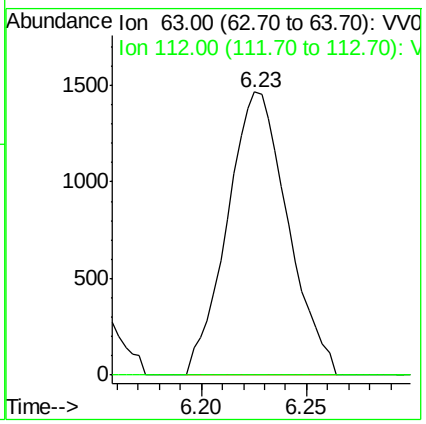




#37
1,2-Dichloropropane
Concen: 1.866 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 63 Resp: 2922

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



Instrument :
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ClientSampleId :
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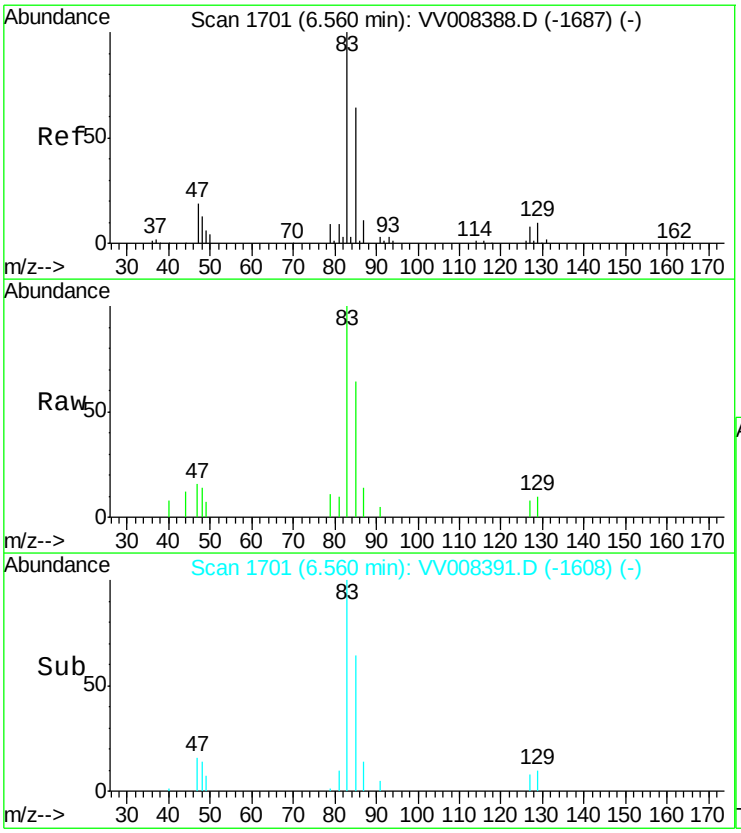
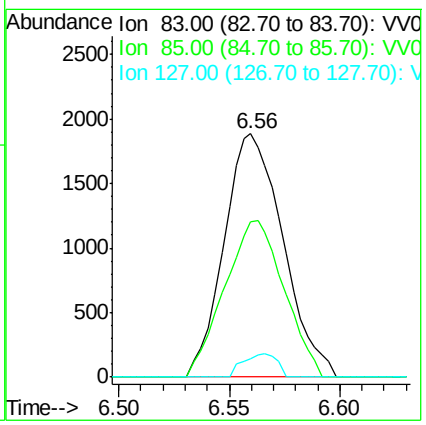
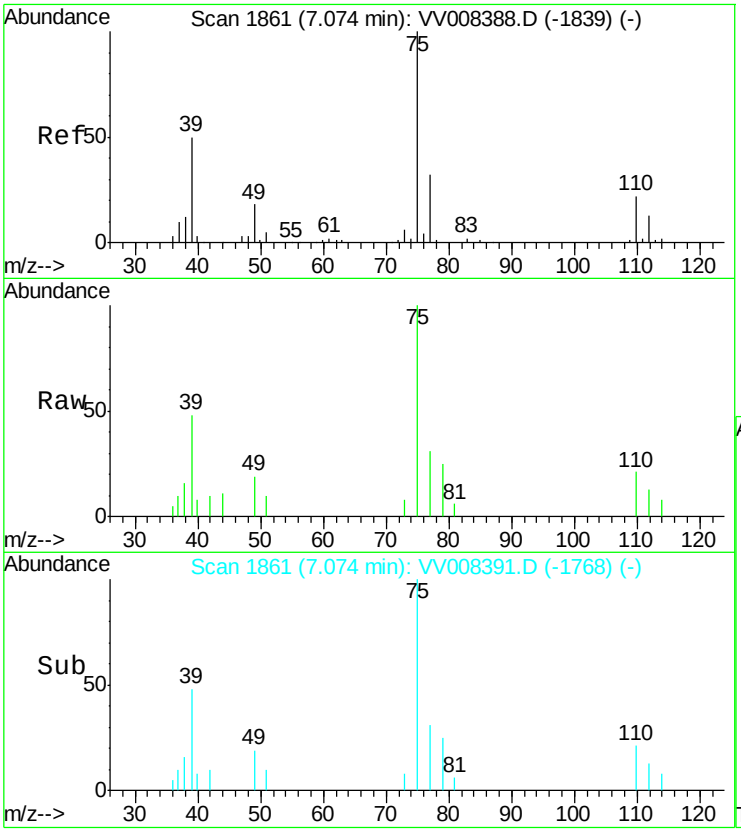


#38
Bromodichloromethane
Concen: 1.746 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 83 Resp: 3484

Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.3	82.3
127	7.6	6.3	9.5

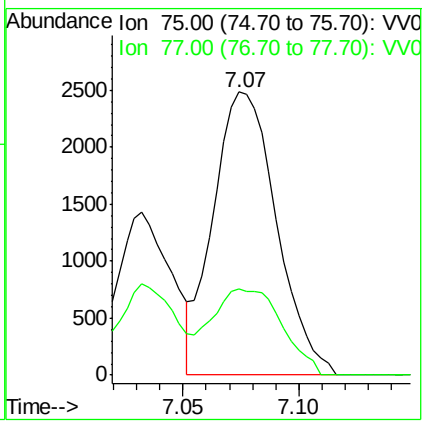




#39
cis-1,3-Dichloropropene
Concen: 1.914 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 75 Resp: 4711

Ion	Ratio	Lower	Upper
75	100		
77	30.6	22.6	42.0



Instrument :
MSVOA_V
ClientSampleId :
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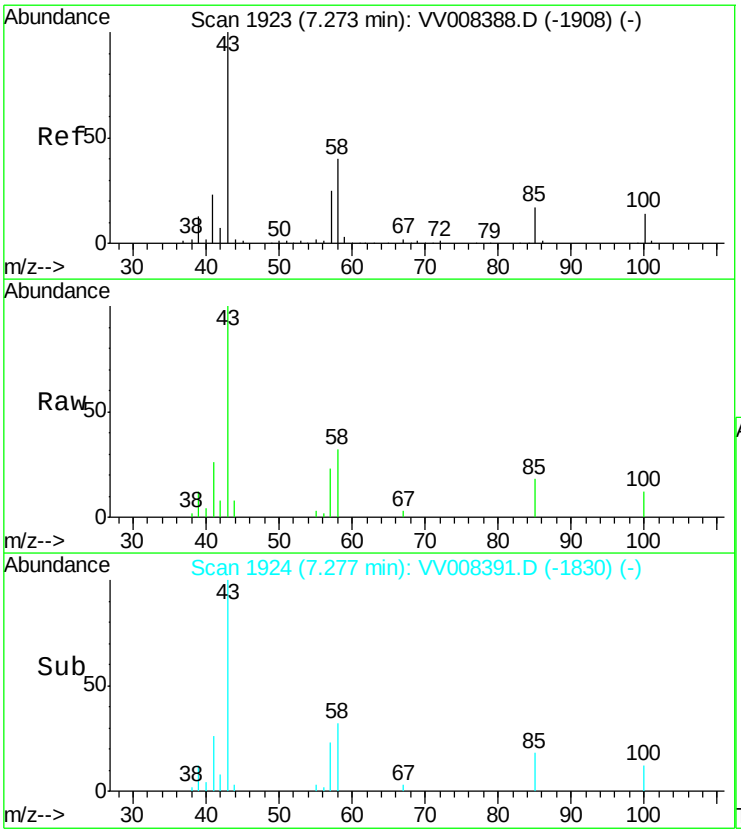
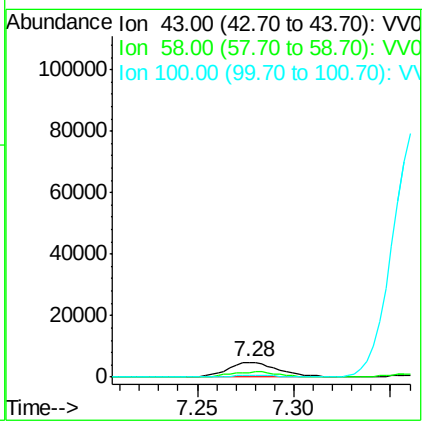
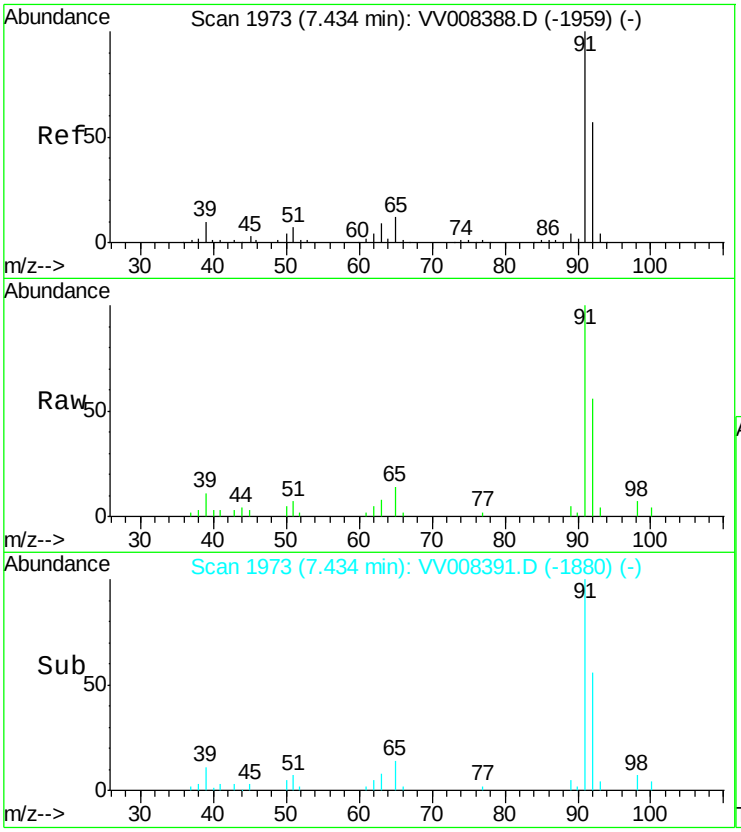


#40
4-Methyl-2-pentanone
Concen: 3.785 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 43 Resp: 8775

Ion	Ratio	Lower	Upper
43	100		
58	34.8	30.9	46.3
100	11.6	10.9	16.3

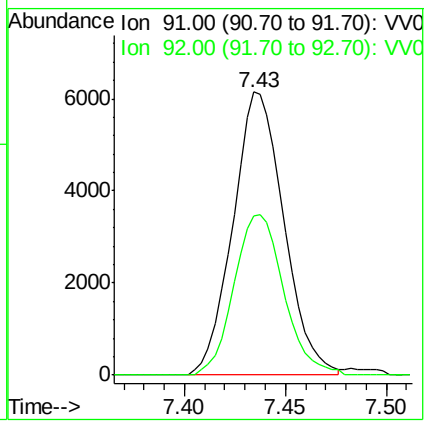




#42
Toluene
Concen: 1.849 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 91 Resp: 10889

Ion	Ratio	Lower	Upper
91	100		
92	56.3	39.5	73.4



Instrument :
MSVOA_V
ClientSampleId :
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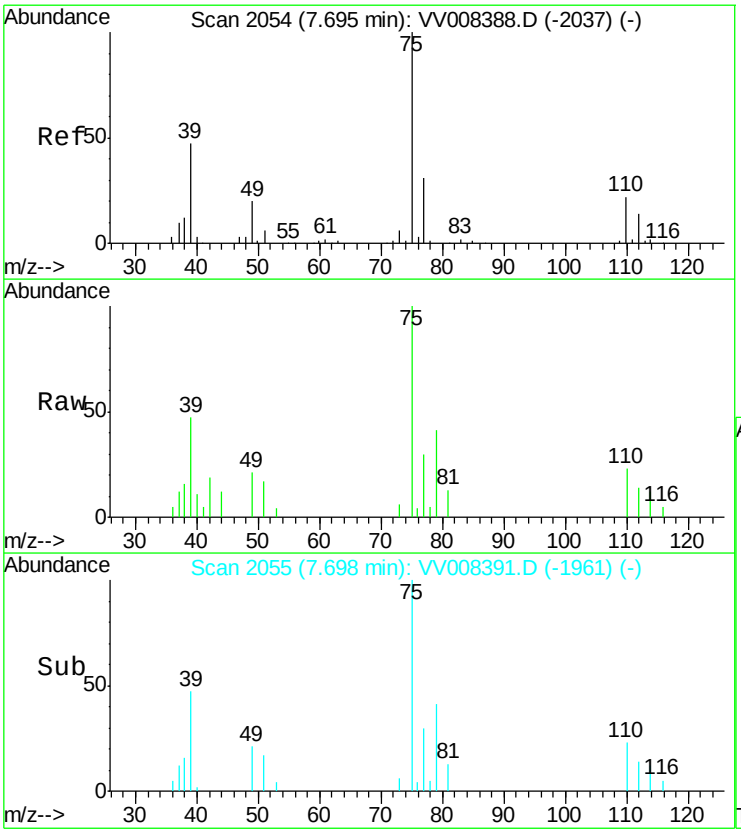
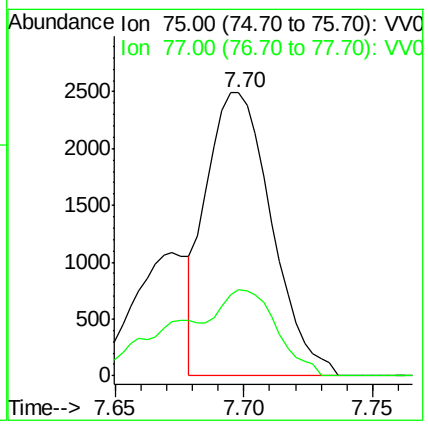
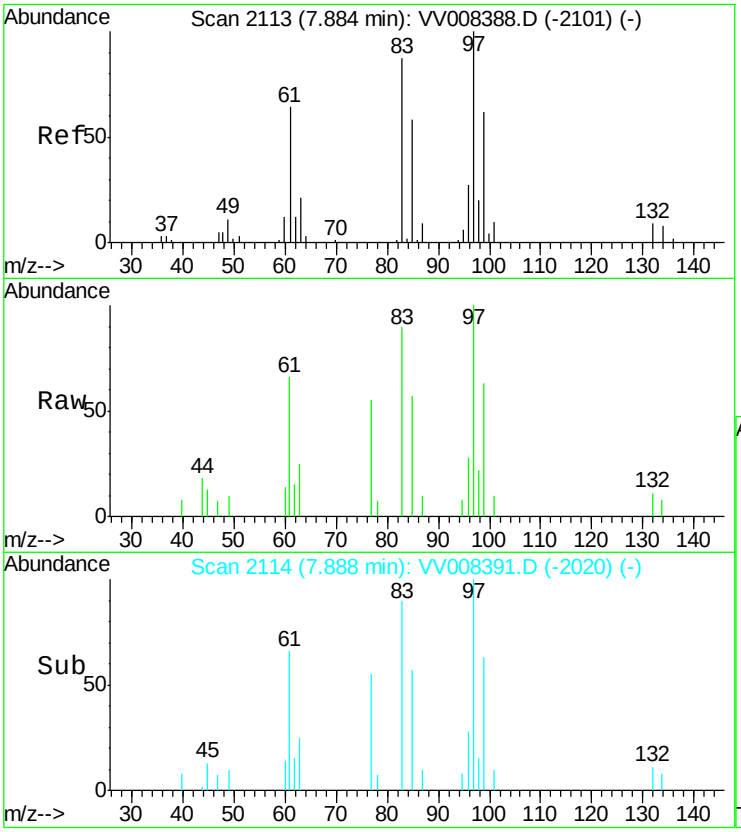


#44
trans-1,3-Dichloropropene
Concen: 1.902 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 75 Resp: 4381

Ion	Ratio	Lower	Upper
75	100		
77	30.3	21.8	40.4

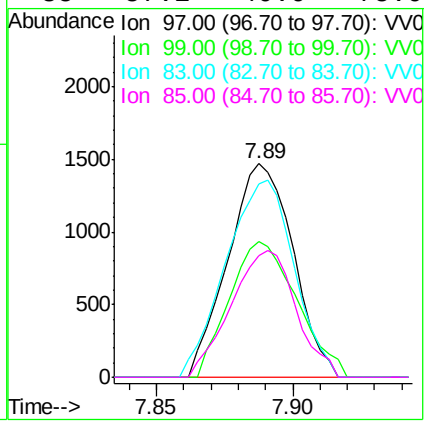




#45
1,1,2-Trichloroethane
Concen: 1.750 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 97 Resp: 2423

Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.3	80.3
83	90.4	61.9	114.9
85	57.2	40.9	75.9



Instrument :
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ClientSampleId :
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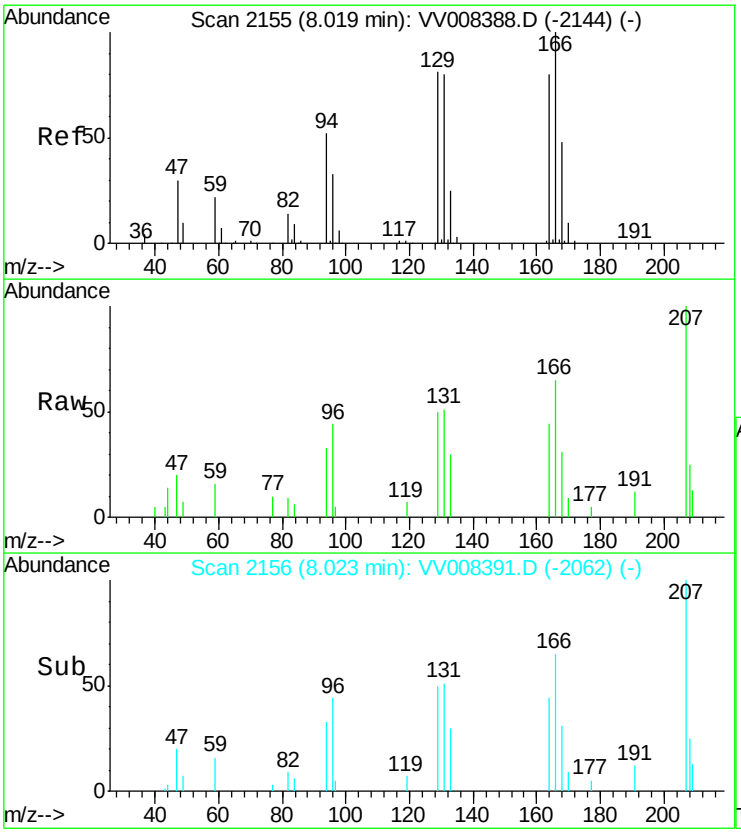
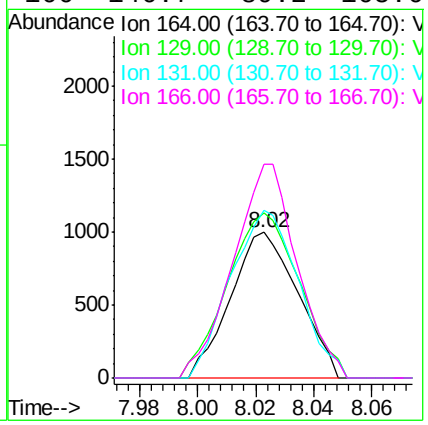
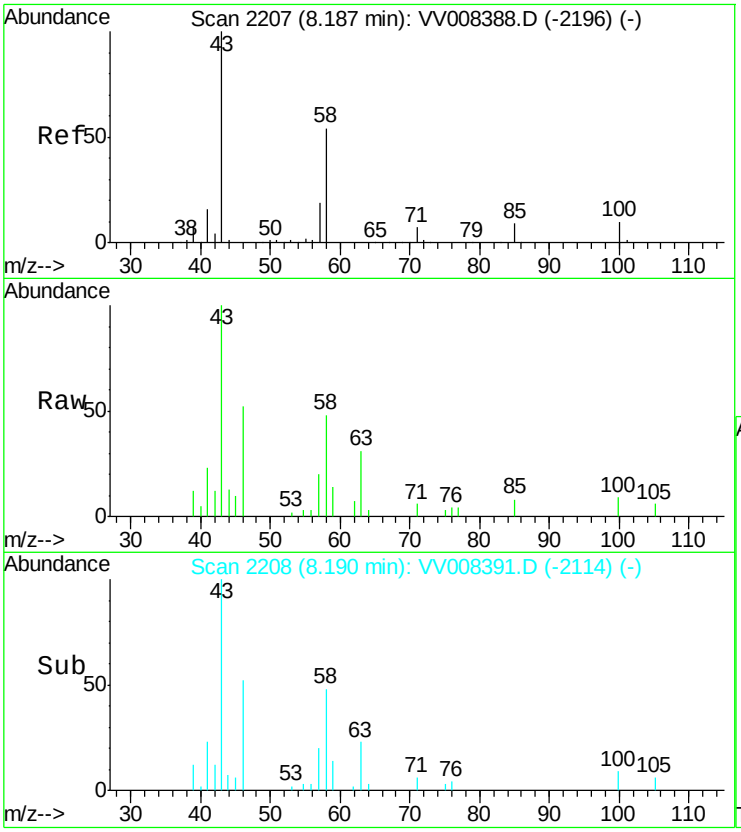


#46
Tetrachloroethene
Concen: 1.704 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:164 Resp: 1612

Ion	Ratio	Lower	Upper
164	100		
129	113.4	75.0	139.2
131	115.0	71.3	132.3
166	146.7	89.2	165.6

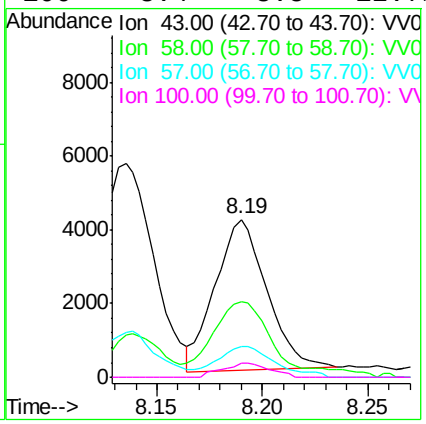




#48
2-Hexanone
Concen: 3.897 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 43 Resp: 6972

Ion	Ratio	Lower	Upper
43	100		
58	47.0	42.6	63.8
57	16.3	14.8	22.2
100	8.4	8.5	12.7#



Instrument :
MSVOA_V
ClientSampleId :
MDL02

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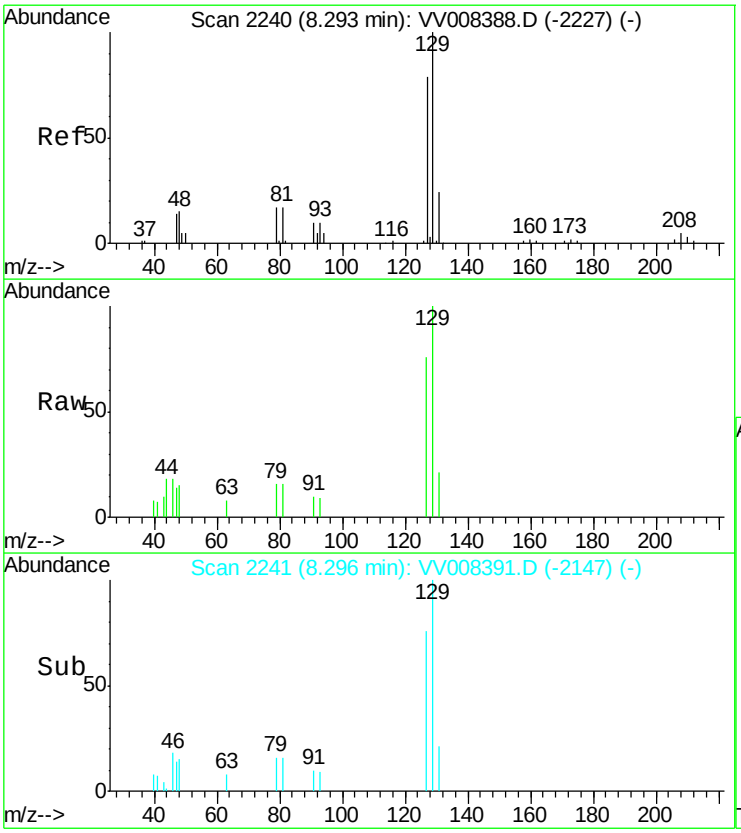
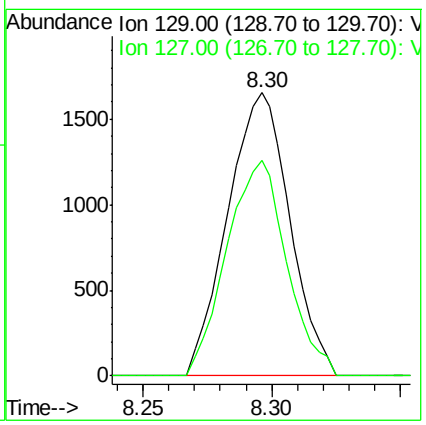
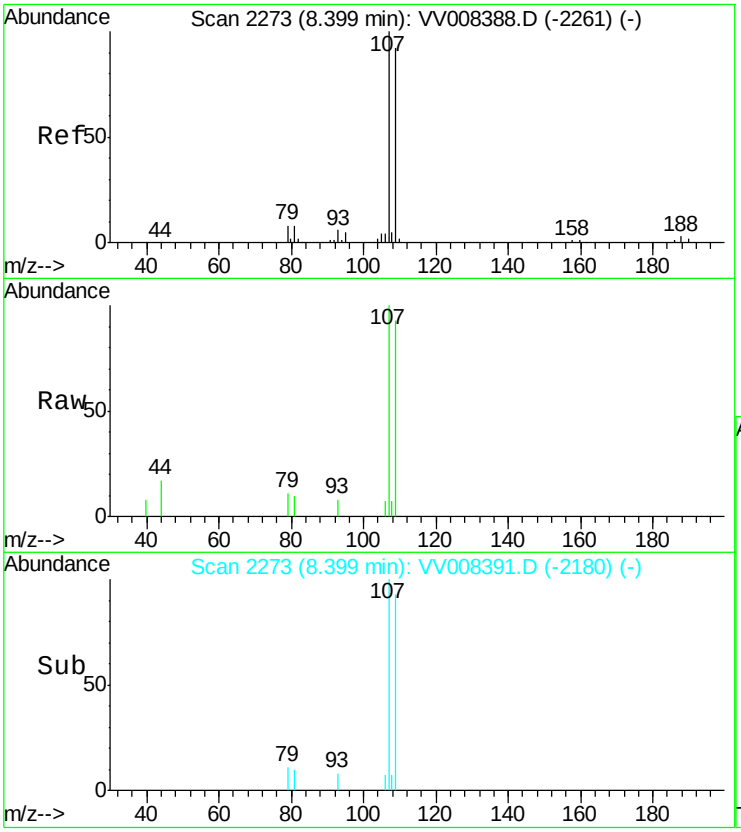


#49
Dibromochloromethane
Concen: 1.865 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:129 Resp: 2774

Ion	Ratio	Lower	Upper
129	100		
127	76.2	54.9	101.9

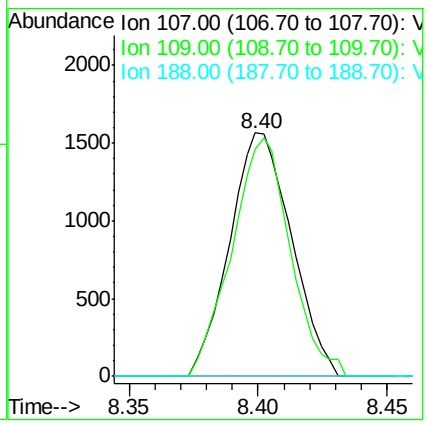




#50
1,2-Dibromoethane
Concen: 1.801 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:107 Resp: 2615

Ion	Ratio	Lower	Upper
107	100		
109	93.2	65.2	121.2
188	0.0	2.3	3.5#



Instrument :
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ClientSampleId :
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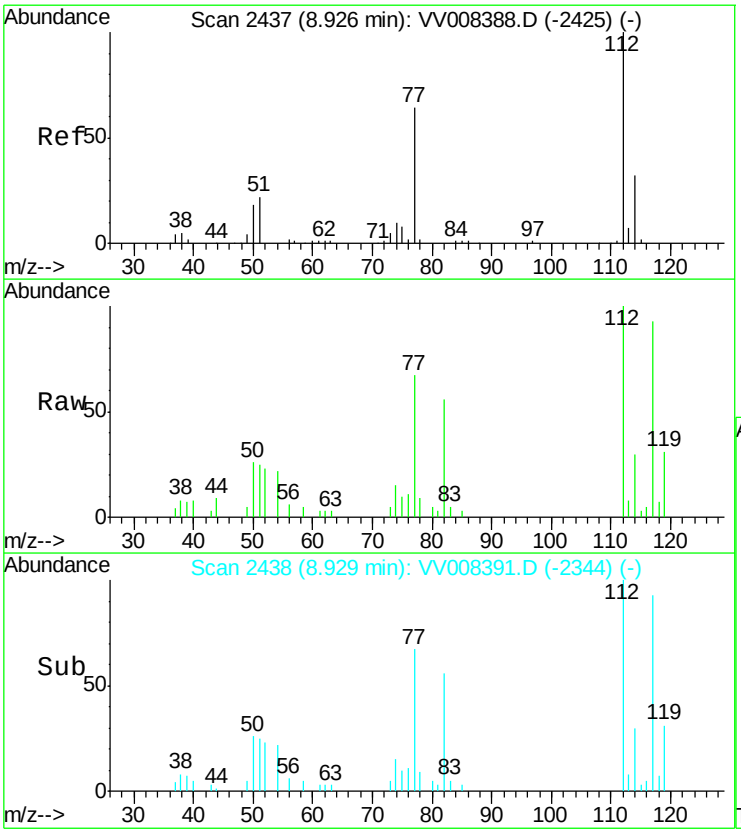
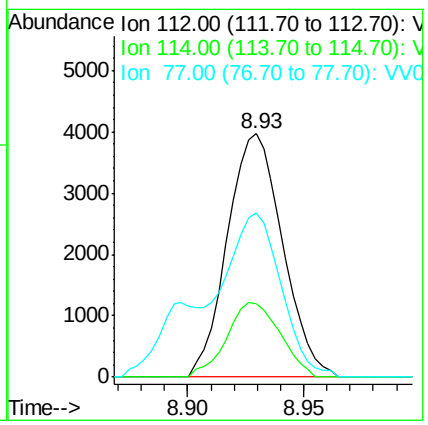
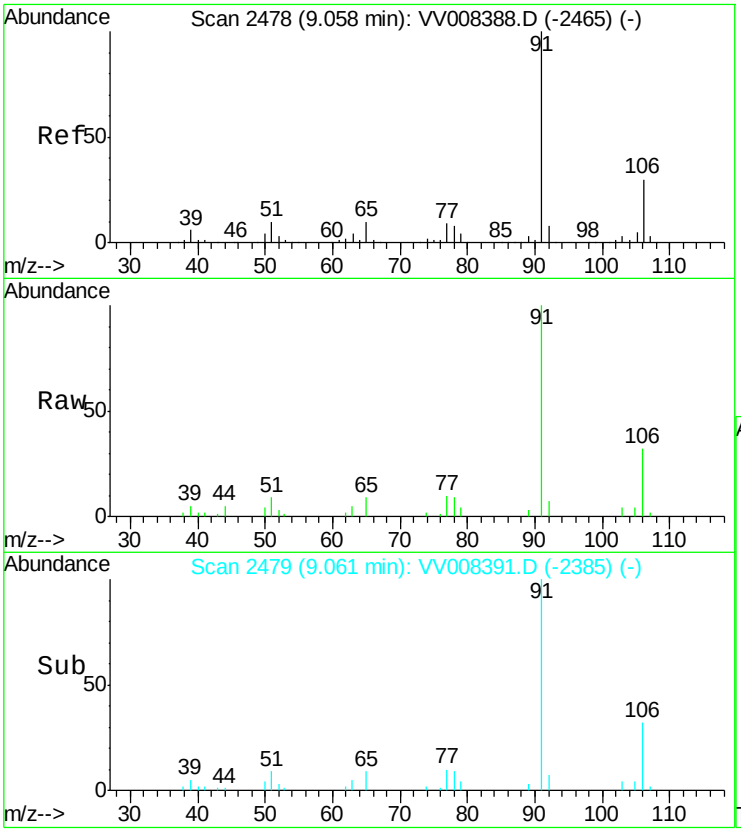


#51
Chlorobenzene
Concen: 1.811 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:112 Resp: 6566

Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.5	41.7
77	67.3	52.0	78.0

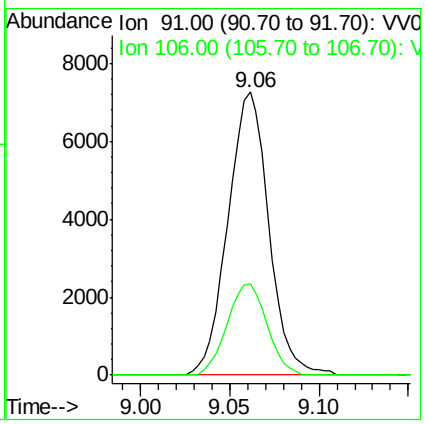




#52
Ethylbenzene
Concen: 1.762 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 91 Resp: 11620

Ion	Ratio	Lower	Upper
91	100		
106	32.2	21.3	39.5



Instrument :
MSVOA_V
ClientSampleId :
MDL02

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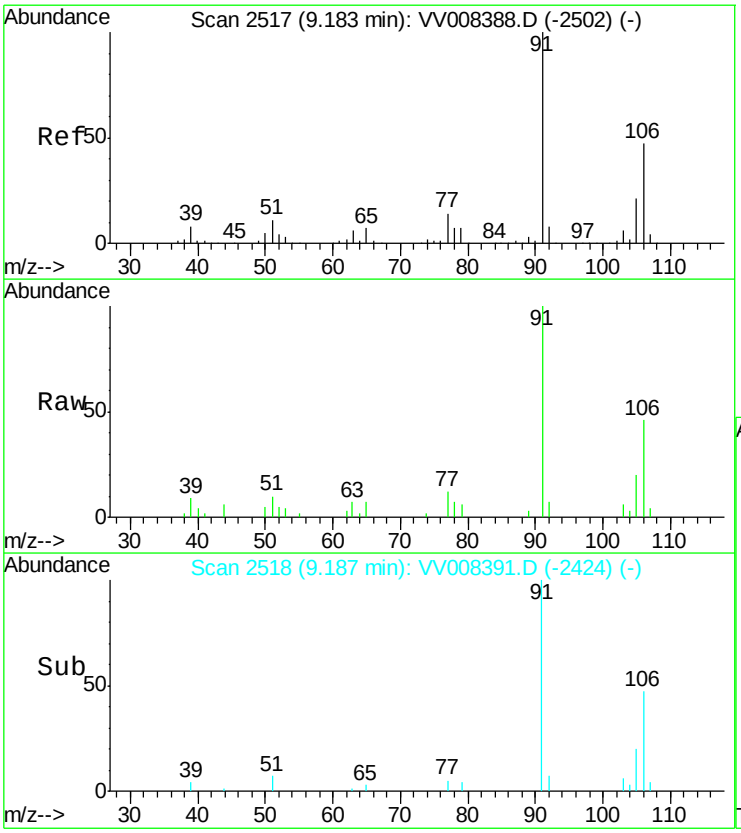
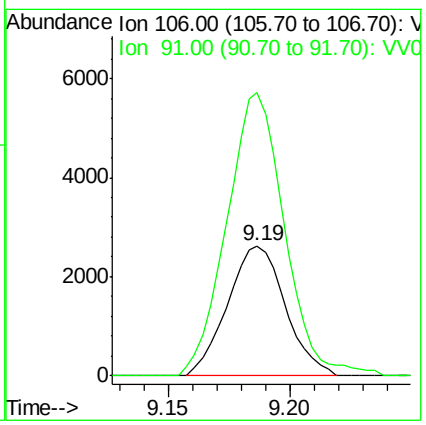
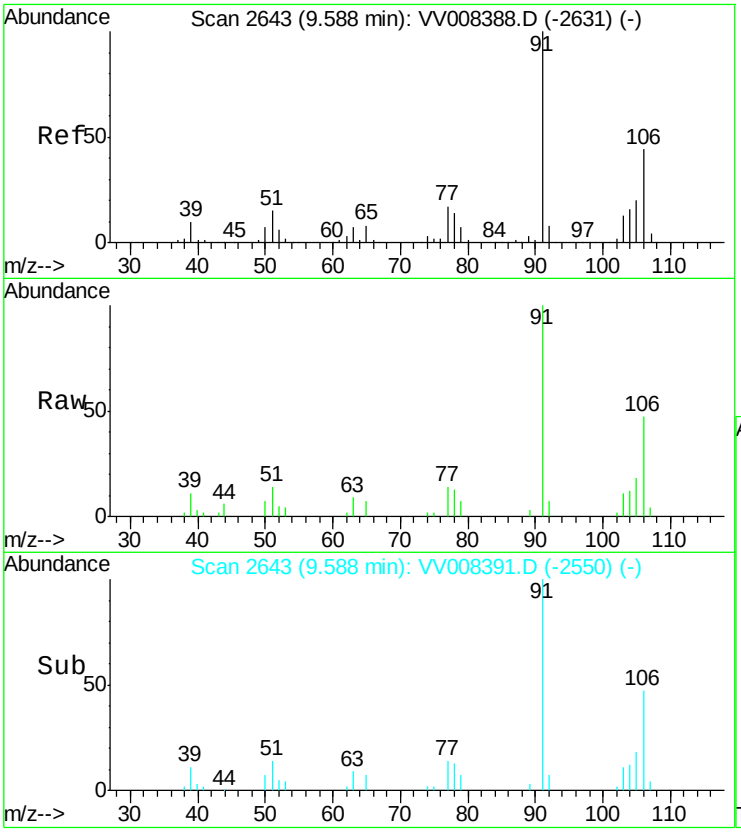


#53
m,p-Xylene
Concen: 1.791 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:106 Resp: 4316

Ion	Ratio	Lower	Upper
106	100		
91	217.8	150.0	278.6

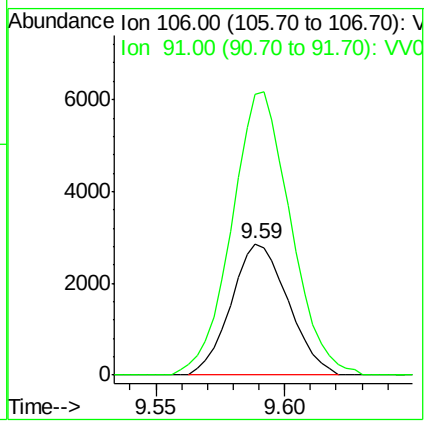




#54
o-xylene
Concen: 1.839 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:106 Resp: 4426

Ion	Ratio	Lower	Upper
106	100		
91	214.1	158.7	294.7



Instrument :
MSVOA_V
ClientSampleId :
MDL02

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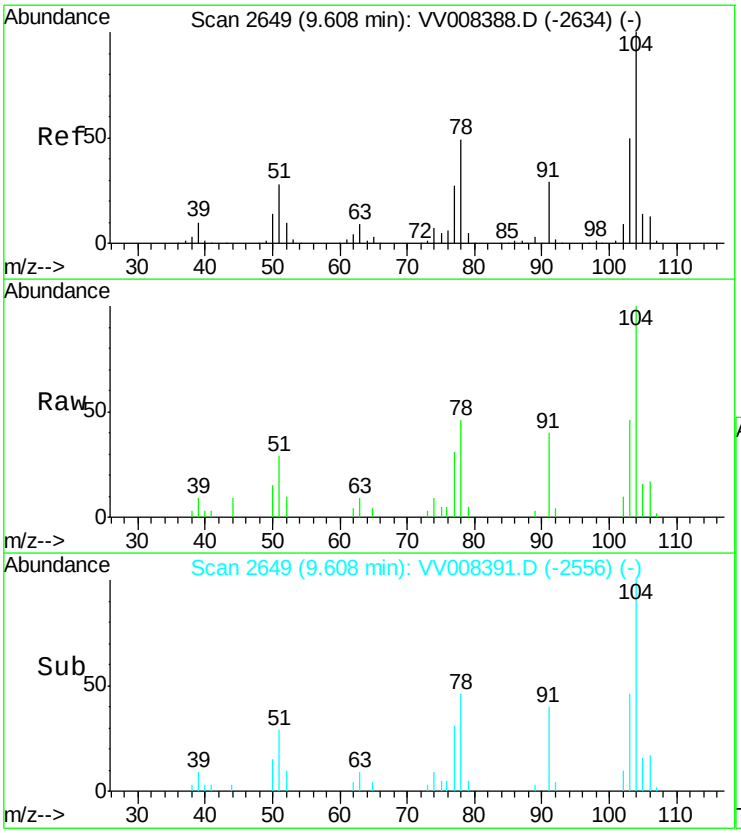
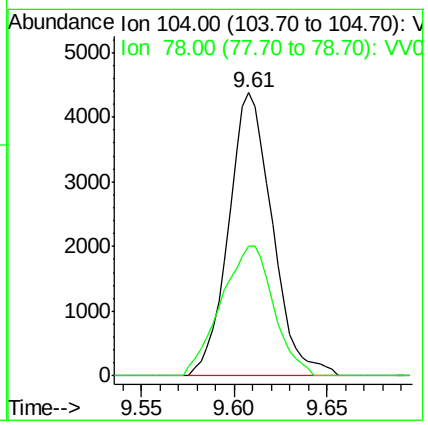
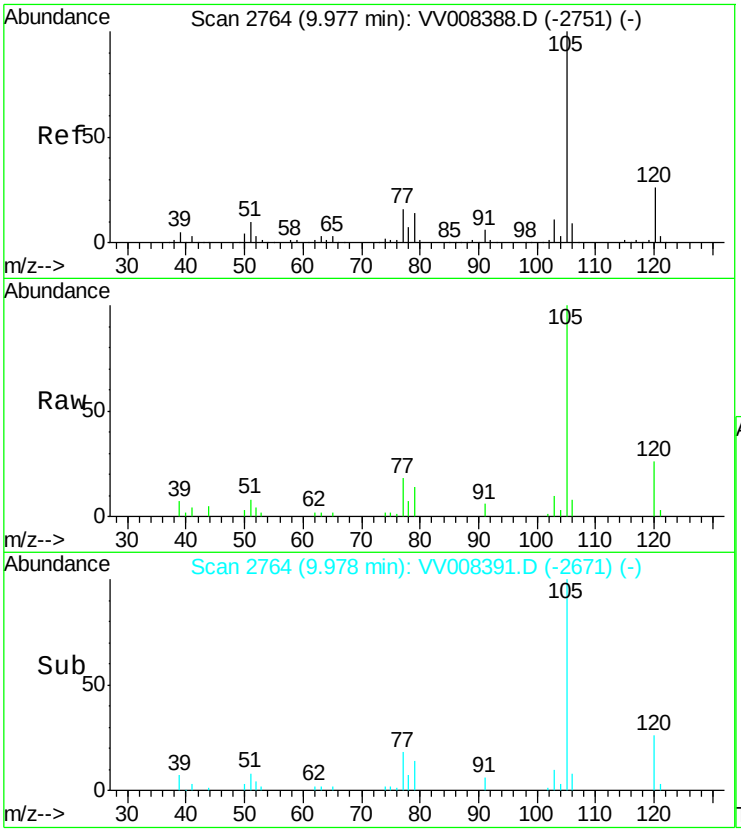


#55
Styrene
Concen: 1.769 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:104 Resp: 7174

Ion	Ratio	Lower	Upper
104	100		
78	45.8	34.4	64.0

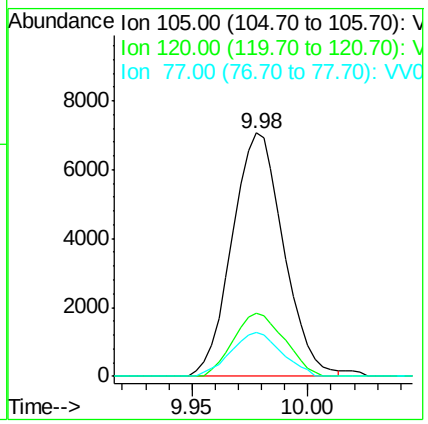




#56
Isopropylbenzene
Concen: 1.730 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:105 Resp: 10895

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.7	31.1
77	17.7	13.5	20.3



Instrument :
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ClientSampleId :
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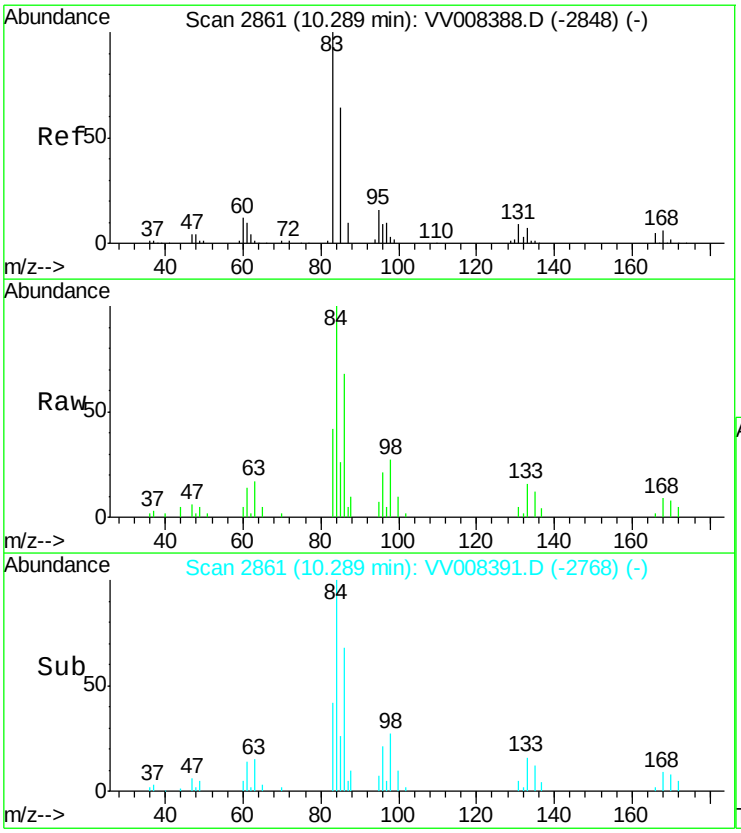
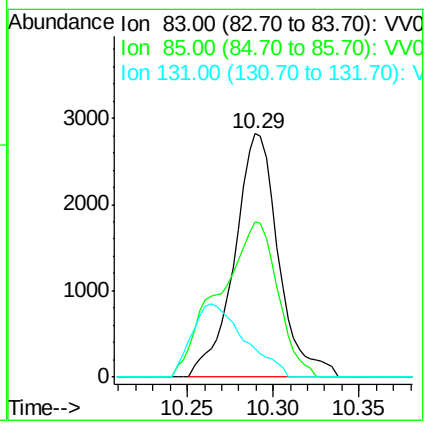
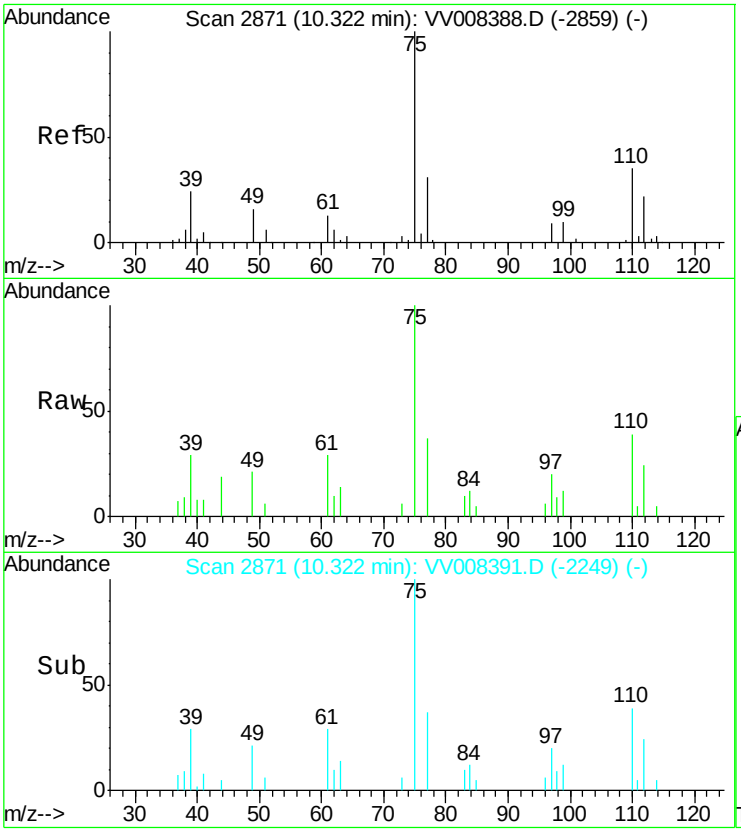


#58
1,1,2,2-Tetrachloroethane
Concen: 2.071 ug/L
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 83 Resp: 5022

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.8	85.2
131	11.8	7.3	10.9#





#59
1,2,3-Trichloropropane
Concen: 1.793 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 75 Resp: 3519

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.8

Instrument :
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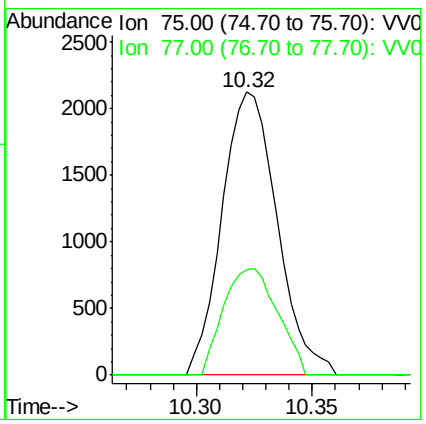
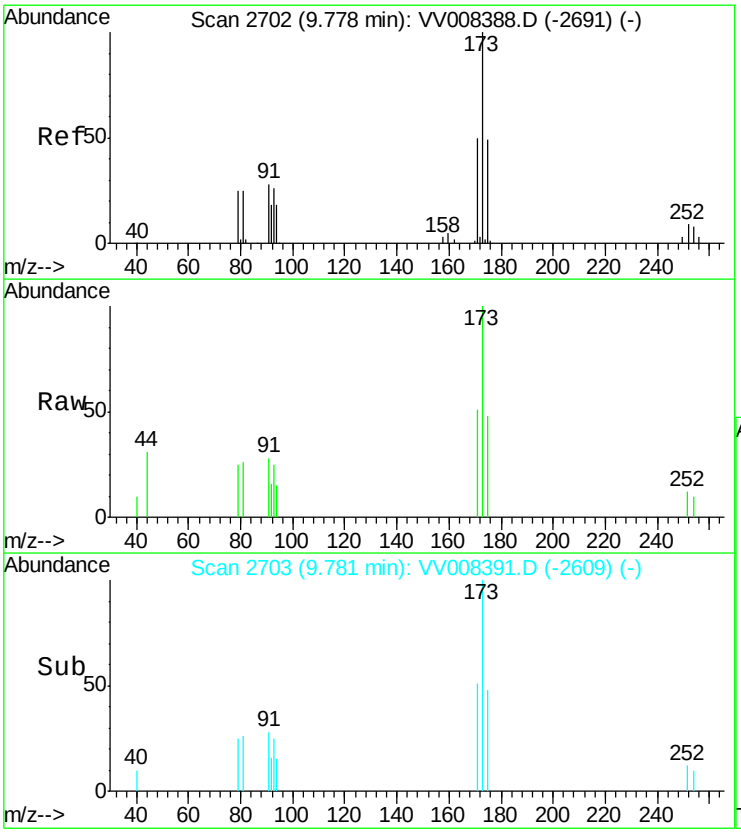
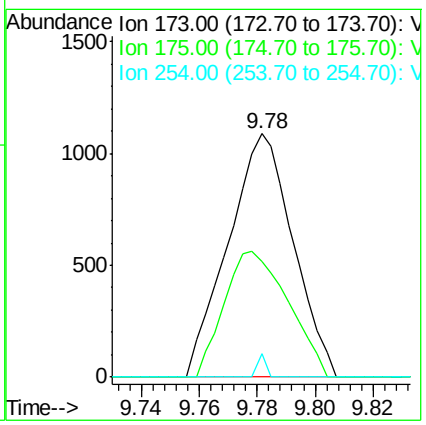


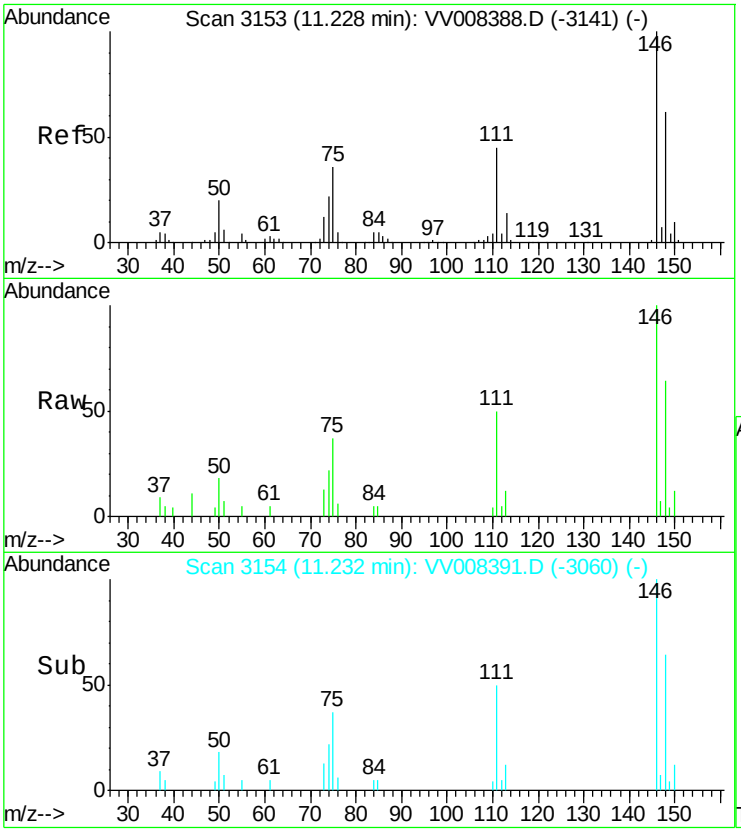


#61
Bromoform
Concen: 1.805 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:173 Resp: 1689

Ion	Ratio	Lower	Upper
173	100		
175	51.0	38.6	57.8
254	0.0	5.9	8.9#

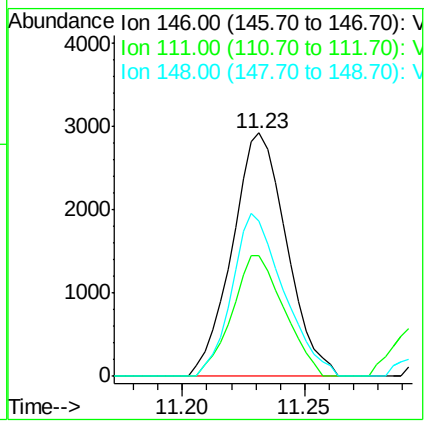




#62
1,3-Dichlorobenzene
Concen: 1.845 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:146 Resp: 4523

Ion	Ratio	Lower	Upper
146	100		
111	49.6	30.9	57.3
148	63.9	44.1	81.9



Instrument :
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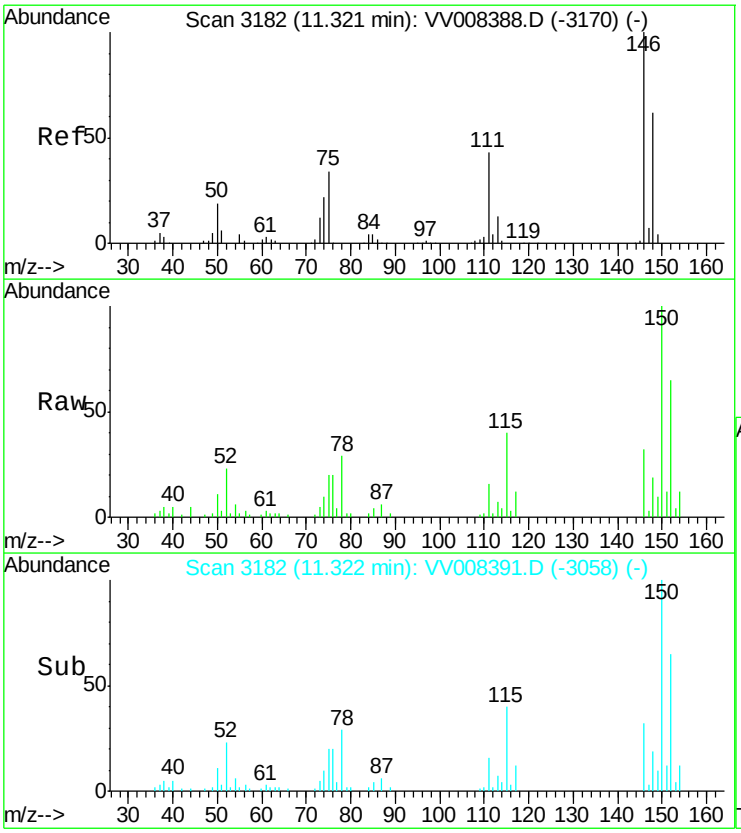
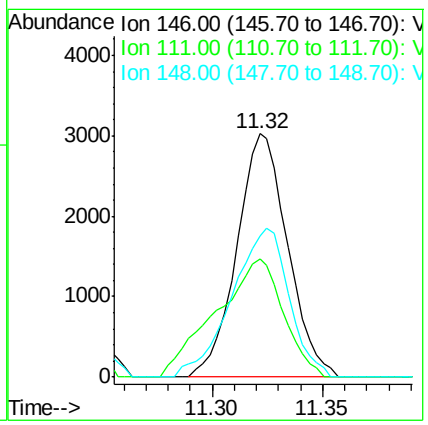
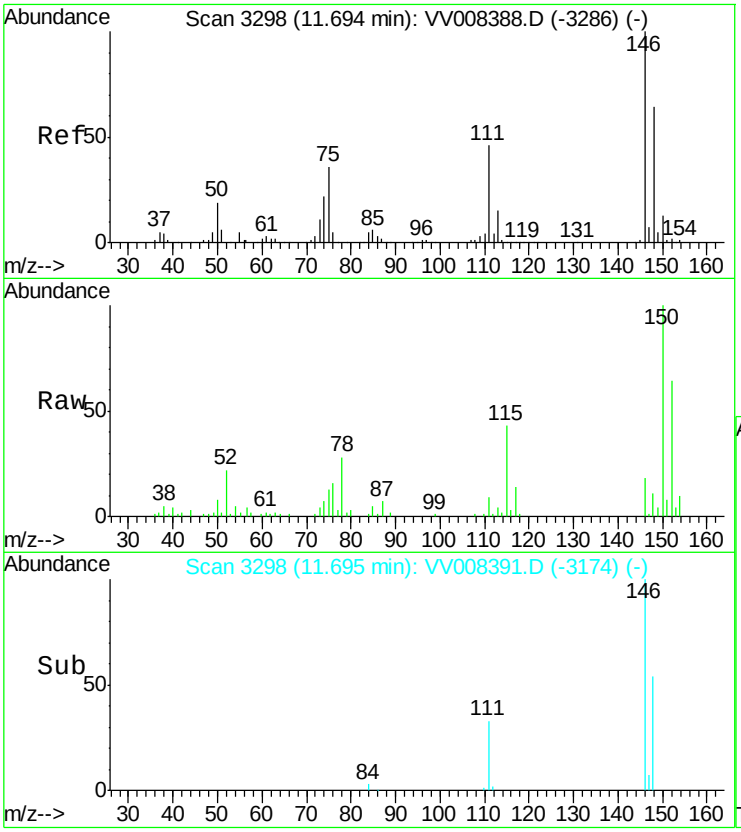


#63
1,4-Dichlorobenzene
Concen: 1.964 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:146 Resp: 4827

Ion	Ratio	Lower	Upper
146	100		
111	48.6	29.8	55.4
148	57.9	44.4	82.5

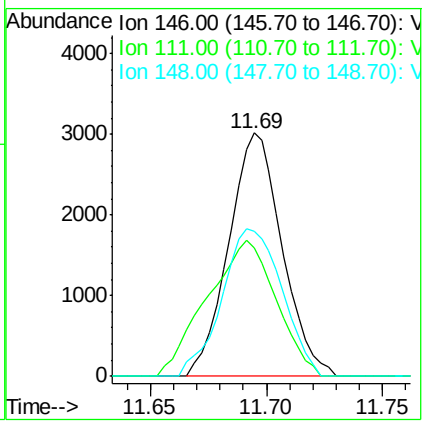




#65
1,2-Dichlorobenzene
Concen: 1.926 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:146 Resp: 4815

Ion	Ratio	Lower	Upper
146	100		
111	52.9	36.2	54.2
148	59.6	50.3	75.5



Instrument :
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ClientSampleId :
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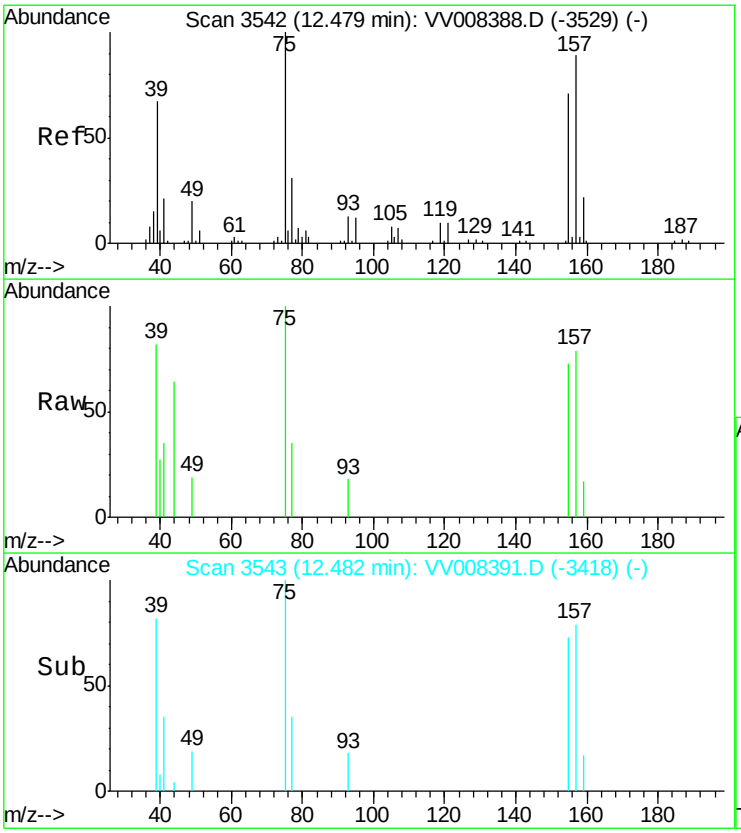
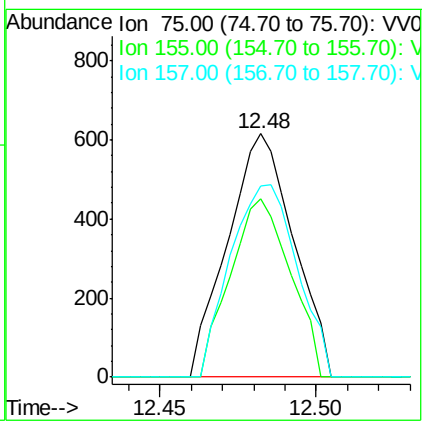
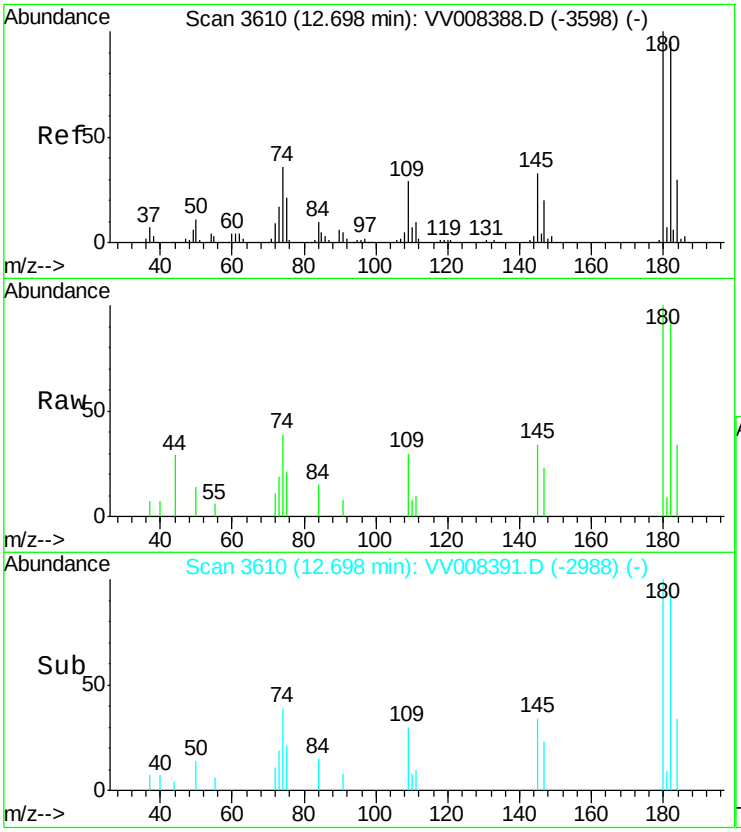


#66
1,2-Dibromo-3-chloropropane
Concen: 1.747 ug/L m
RT: 12.48 min Scan# 3543
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion: 75 Resp: 898

Ion	Ratio	Lower	Upper
75	100		
155	73.4	55.4	83.0
157	78.7	72.8	109.2

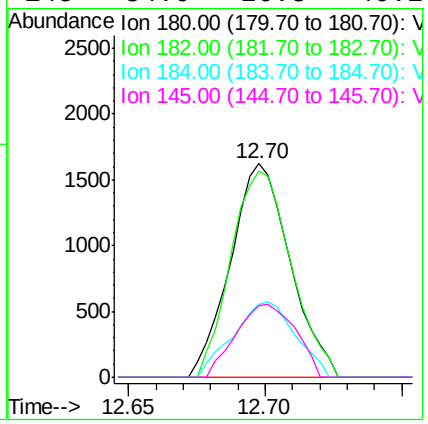




#67
1,3,5-Trichlorobenzene
Concen: 1.538 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:180 Resp: 2462

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.9	113.9
184	36.8	24.1	36.1#
145	34.0	26.8	40.2



Instrument :
MSVOA_V
ClientSampleId :
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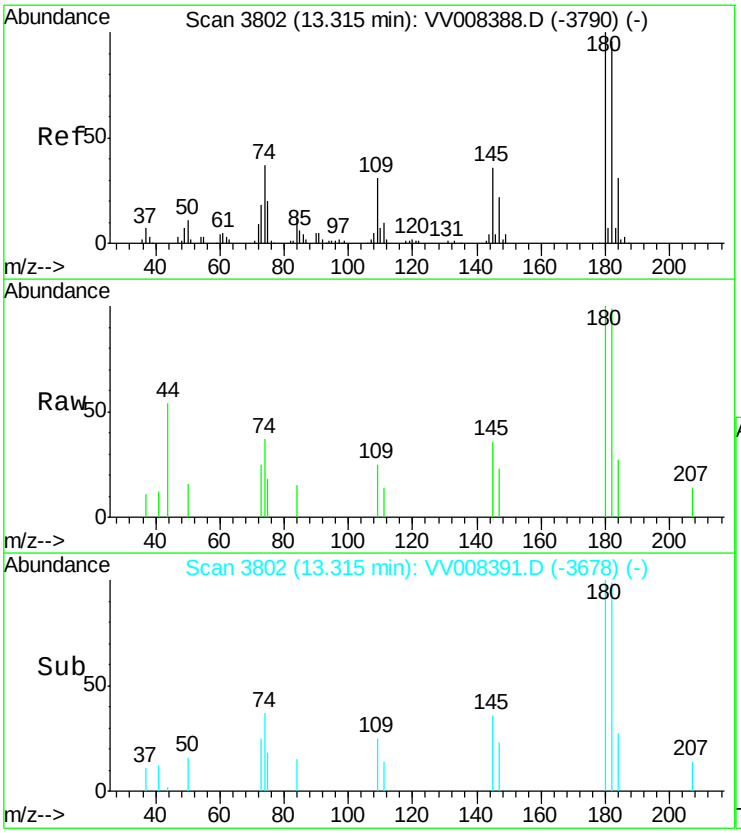
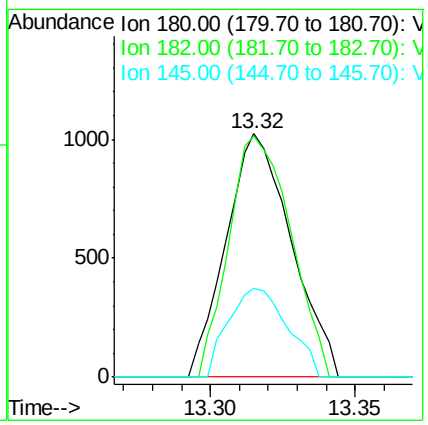
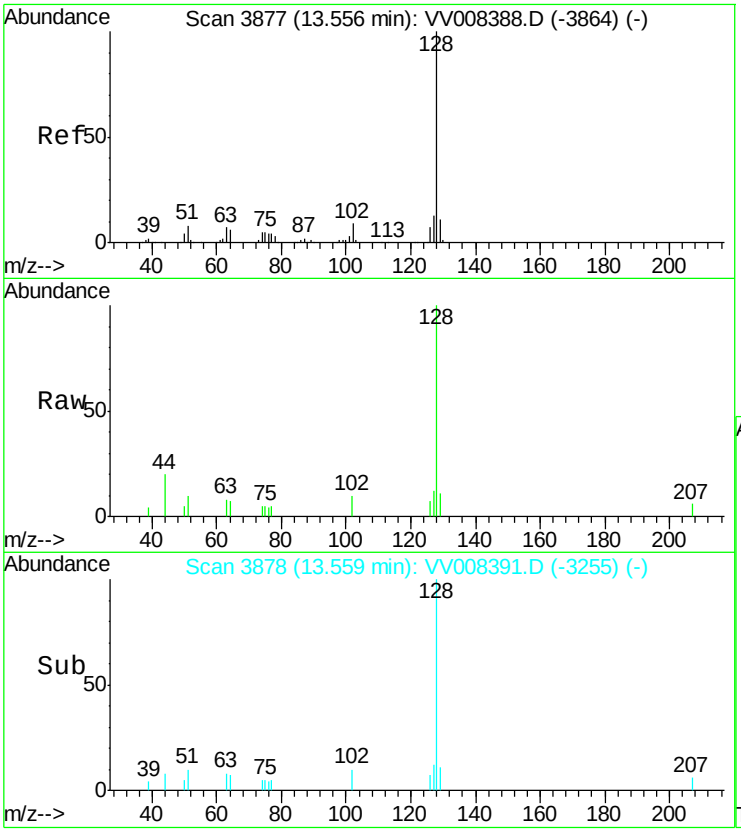


#68
1,2,4-trichlorobenzene
Concen: 1.237 ug/L
RT: 13.32 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:180 Resp: 1602

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.2
145	33.1	27.0	40.6

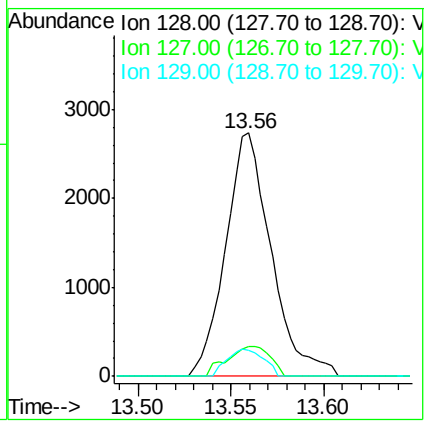




#69
Naphthalene
Concen: 1.117 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

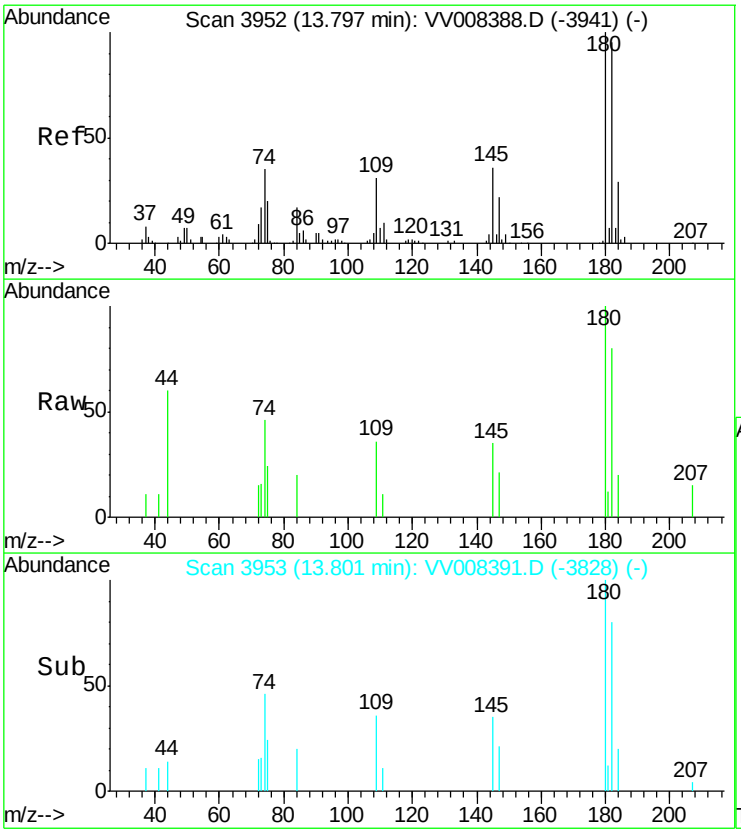
Tgt Ion:128 Resp: 4678

Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.6	15.8#
129	8.9	8.9	13.3



Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations APPROVED
apatel
10/25/2018 4:40:40 PM



#70
1,2,3-Trichlorobenzene
Concen: 1.326 ug/L
RT: 13.80 min Scan# 3953
Delta R.T. 0.00 min
Lab File: VV008391.D
Acq: 24 Oct 2018 14:40

Tgt Ion:180 Resp: 1716

Ion	Ratio	Lower	Upper
180	100		
182	84.3	75.7	113.5
145	34.1	28.6	43.0