

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005854.D
 Acq On : 04 Oct 2018 13:07
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:49:50 PM

Quant Time: Oct 04 14:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162446	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124410	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.89	113	105874	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.33	98	430806	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	160723	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	63455	49.474	ug/l	93
3) Chloromethane	2.21	50	70874	45.857	ug/l	99
4) Vinyl Chloride	2.37	62	110411	48.787	ug/l	95
5) Bromomethane	2.79	94	72135	45.737	ug/l	100
6) Chloroethane	2.93	64	65035	46.985	ug/l	98
7) Trichlorofluoromethane	3.26	101	79934	51.357	ug/l	98
8) Diethyl Ether	3.68	74	55615	47.121	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109776	50.996	ug/l	99
10) Methyl Iodide	4.26	142	170844	48.911	ug/l	98
11) Tert butyl alcohol	5.22	59	32950	199.997	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	105691	50.107	ug/l	96
13) Acrolein	3.90	56	37377	225.797	ug/l	97
14) Allyl chloride	4.67	41	172995	50.537	ug/l	99
15) Acrylonitrile	5.38	53	113041	226.011	ug/l	99
16) Acetone	4.14	43	120289	264.541	ug/l	96
17) Carbon Disulfide	4.37	76	339049	50.837	ug/l	99
18) Methyl Acetate	4.68	43	57023	44.095	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	161789	48.859	ug/l	95
20) Methylene Chloride	4.91	84	117880	46.735	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	116531	50.616	ug/l	97
22) Diisopropyl ether	6.32	45	334620	49.808	ug/l	96
23) Vinyl Acetate	6.26	43	965512	252.999	ug/l	100
24) 1,1-Dichloroethane	6.22	63	211662	48.555	ug/l	99
25) 2-Butanone	7.18	43	145511	227.491	ug/l	99
26) 2,2-Dichloropropane	7.17	77	138054	50.721	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	125838	49.036	ug/l	99
28) Bromochloromethane	7.52	49	67628	43.924	ug/l	100
29) Tetrahydrofuran	7.54	42	93209	236.053	ug/l	99
30) Chloroform	7.68	83	220341	47.166	ug/l	100
31) Cyclohexane	7.96	56	195279	52.401	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	195676	49.076	ug/l	99
36) 1,1-Dichloropropene	8.09	75	177828	55.627	ug/l	99
37) Ethyl Acetate	7.26	43	63125	47.446	ug/l	99
38) Carbon Tetrachloride	8.07	117	190771	53.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	218928	60.834	ug/l	98
40) Benzene	8.33	78	484393	52.283	ug/l	97
41) Methacrylonitrile	7.49	41	41821	52.602	ug/l	99
42) 1,2-Dichloroethane	8.40	62	153481	49.253	ug/l	99
43) Isopropyl Acetate	8.43	43	131253	49.910	ug/l	98
44) Trichloroethene	9.09	130	129408	52.848	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115934	52.844	ug/l	97
46) Dibromomethane	9.46	93	59925	49.943	ug/l	99
47) Bromodichloromethane	9.65	83	161381	50.819	ug/l	97
48) Methyl methacrylate	9.44	41	65226	51.230	ug/l	98
49) 1,4-Dioxane	9.47	88	18543	989.102	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	329738	241.012	ug/l	100
52) Toluene	10.39	92	311992	52.835	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	165418	53.350	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	184303	53.091	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	83987	48.452	ug/l	98
56) Ethyl methacrylate	10.65	69	109491	52.742	ug/l	99
57) 1,3-Dichloropropane	10.93	76	146879	49.772	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	208507	244.310	ug/l	99
59) 2-Hexanone	10.98	43	236418	258.357	ug/l	100
60) Dibromochloromethane	11.13	129	106963	49.431	ug/l	96
61) 1,2-Dibromoethane	11.24	107	80215	49.818	ug/l	99
64) Tetrachloroethene	10.87	164	116368	49.714	ug/l	98
65) Chlorobenzene	11.66	112	338214	51.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123723	50.908	ug/l	99
67) Ethyl Benzene	11.74	91	612909	54.591	ug/l	100
68) m/p-Xylenes	11.85	106	473185	109.374	ug/l	98
69) o-Xylene	12.17	106	222572	55.349	ug/l	100
70) Styrene	12.19	104	376165	55.149	ug/l	99
71) Bromoform	12.35	173	65816	49.193	ug/l #	100
73) Isopropylbenzene	12.47	105	634506	56.769	ug/l	100
74) N-amyl acetate	12.28	43	126972	52.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94573	49.315	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66329m	44.928	ug/l	
77) Bromobenzene	12.76	156	144430	52.337	ug/l	98
78) n-propylbenzene	12.81	91	746297	56.137	ug/l	99
79) 2-Chlorotoluene	12.90	91	433409	54.735	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	544723	56.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	31604	54.113	ug/l	97
82) 4-Chlorotoluene	12.99	91	461426	55.284	ug/l	100
83) tert-Butylbenzene	13.21	119	462274	57.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	556161	55.805	ug/l	100
85) sec-Butylbenzene	13.39	105	667933	57.162	ug/l	99
86) p-Isopropyltoluene	13.51	119	606403	57.816	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292305	52.507	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	289929	52.198	ug/l	99
89) n-Butylbenzene	13.83	91	564001	58.386	ug/l	100
90) Hexachloroethane	14.10	117	103910	52.691	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	259691	51.884	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17169	46.308	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190620	54.495	ug/l	99
94) Hexachlorobutadiene	15.24	225	120993	54.702	ug/l	99
95) Naphthalene	15.38	128	321535	48.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	162110	51.549	ug/l	99

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

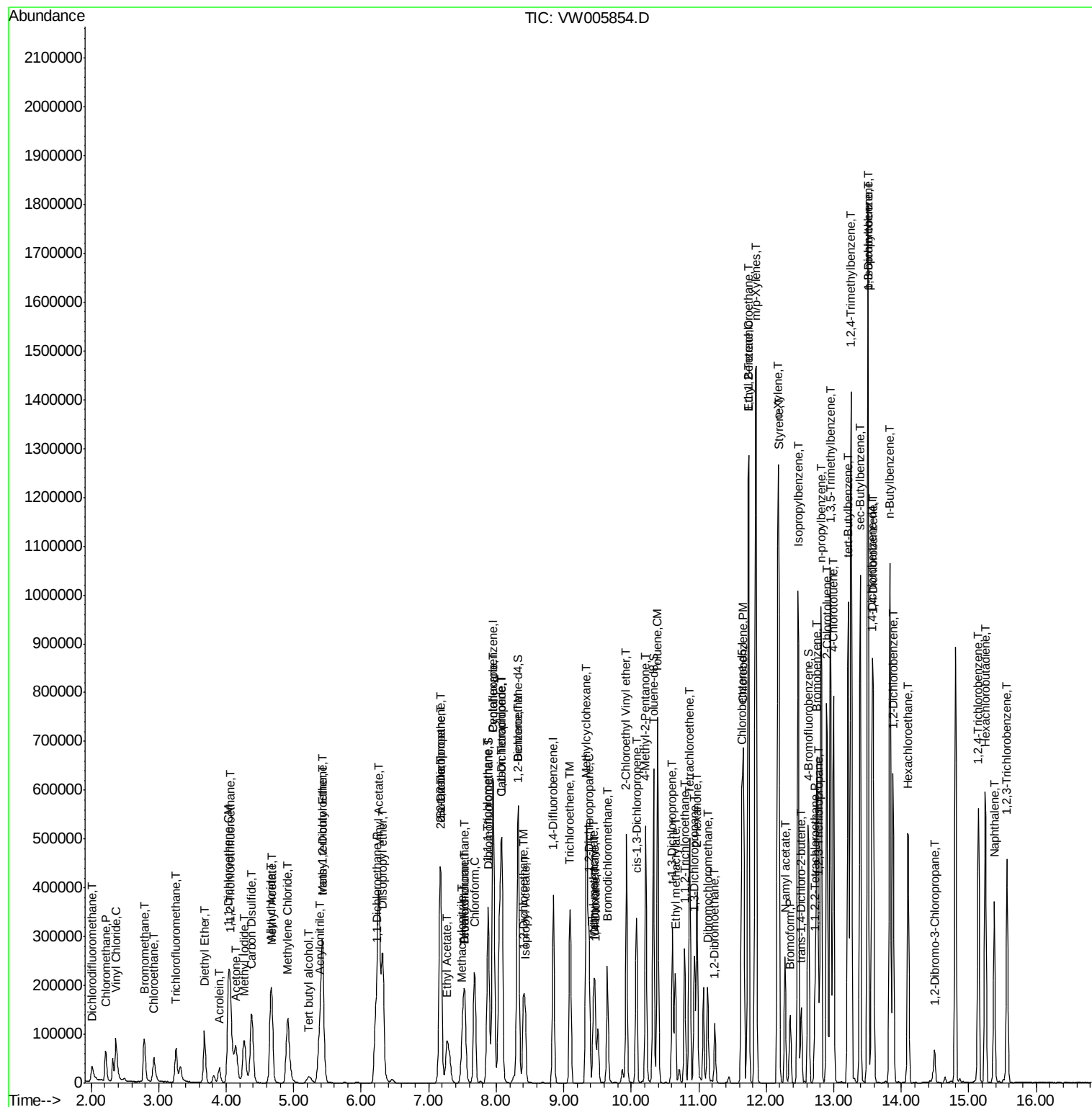
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100418\
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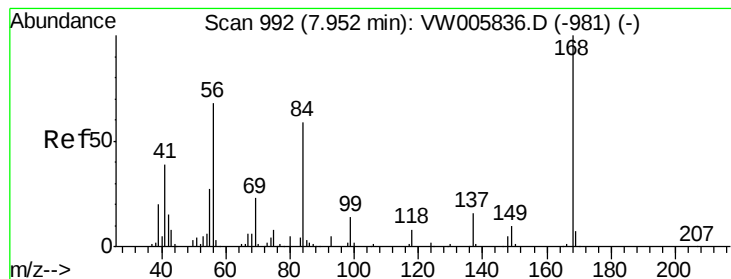
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 224591

Ion Ratio Lower Upper

168 100

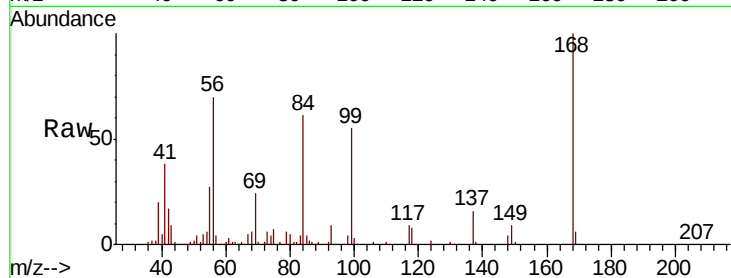
99 54.7 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

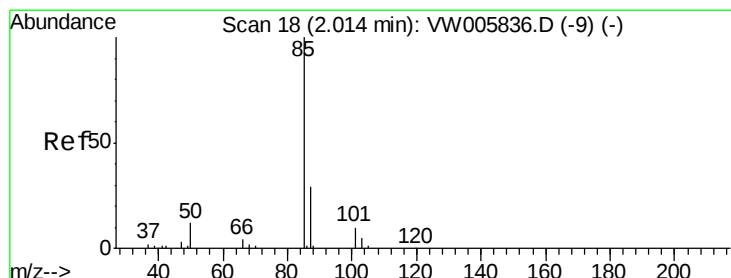
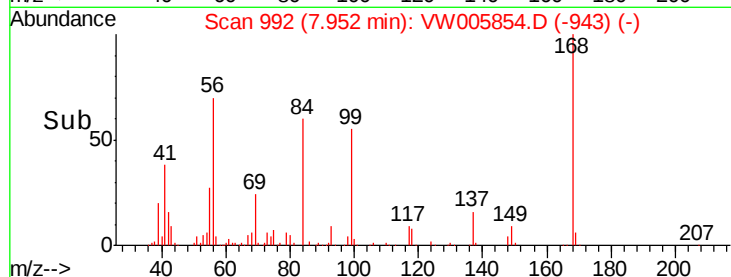
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.474 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005854.D

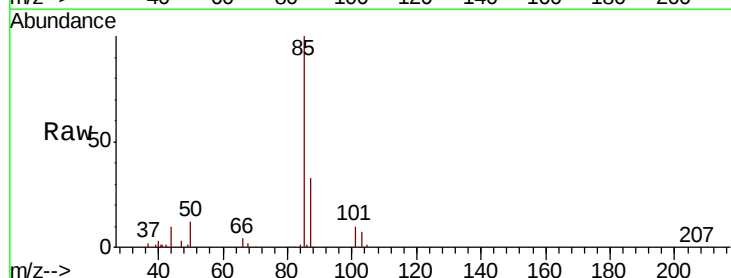
Acq: 04 Oct 2018 13:07

Tgt Ion: 85 Resp: 63455

Ion Ratio Lower Upper

85 100

87 33.4 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

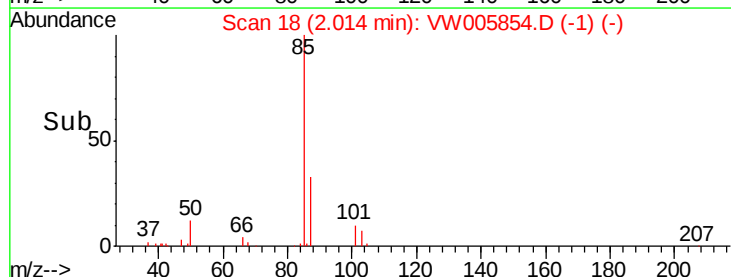
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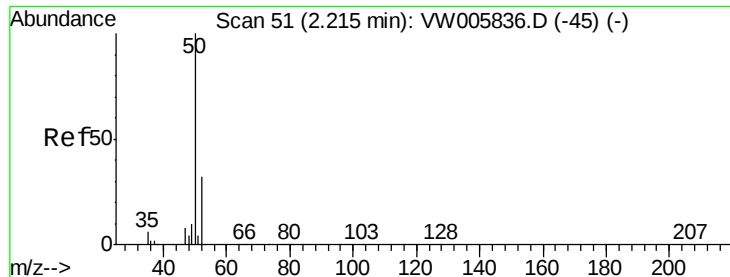
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 45.857 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 70874

Ion Ratio Lower Upper

50 100

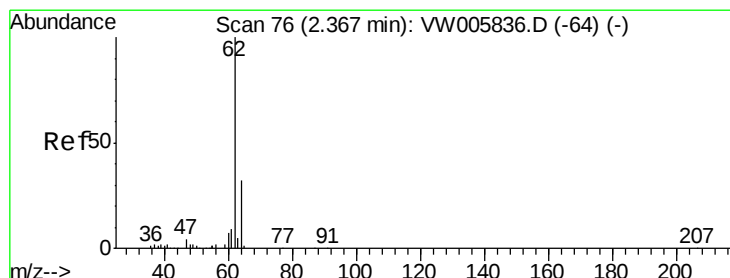
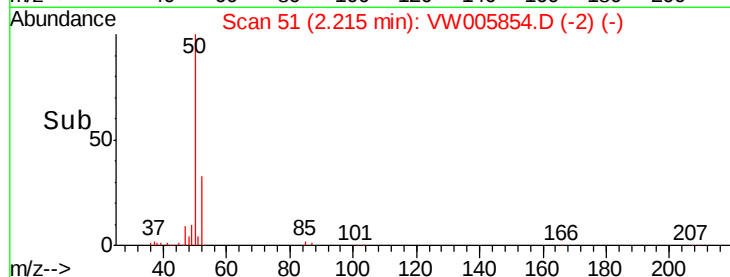
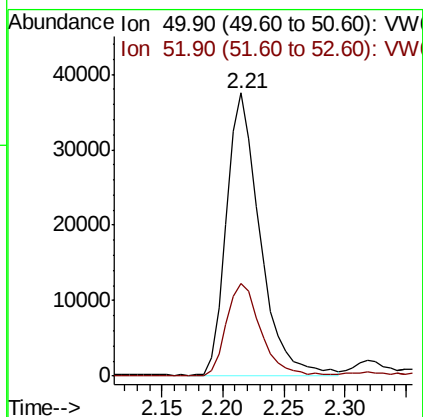
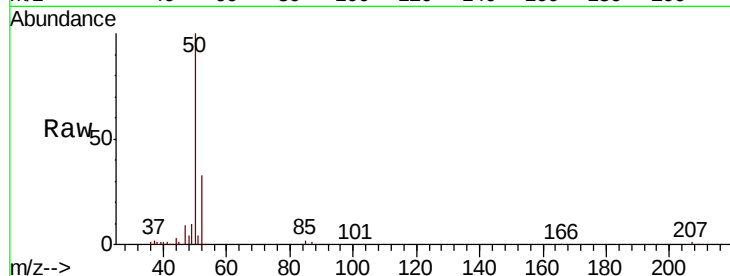
52 33.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.787 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005854.D

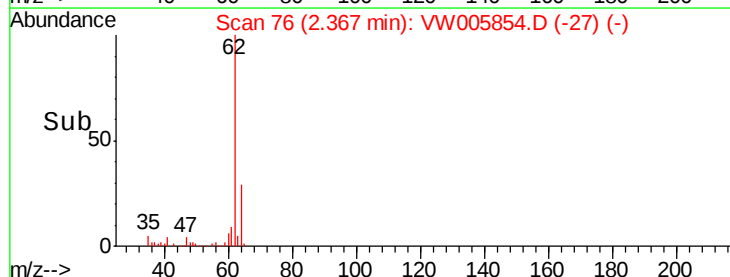
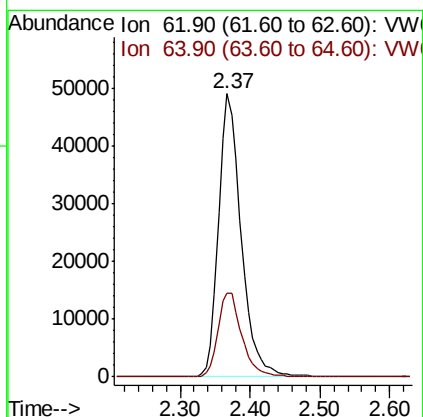
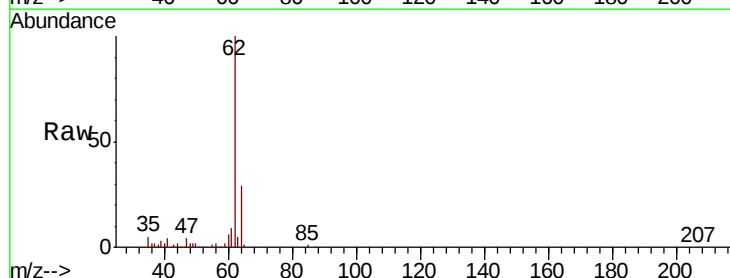
Acq: 04 Oct 2018 13:07

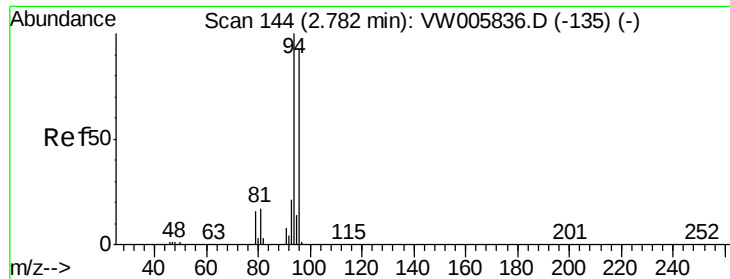
Tgt Ion: 62 Resp: 110411

Ion Ratio Lower Upper

62 100

64 29.5 25.7 38.5





#5

Bromomethane

Concen: 45.737 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 72135

Ion Ratio Lower Upper

94 100

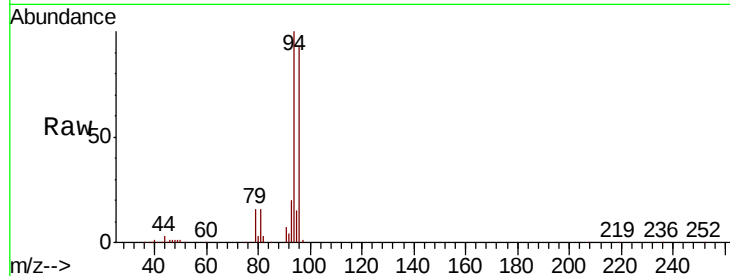
96 92.9 74.5 111.7

Manual Integrations

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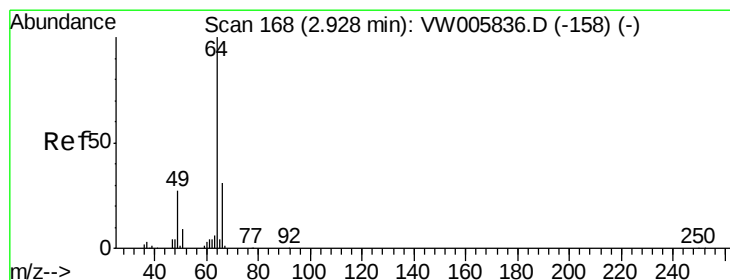
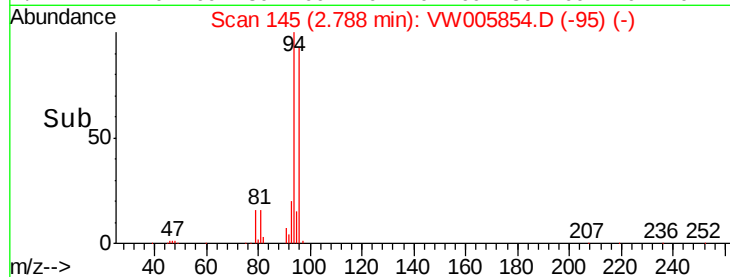
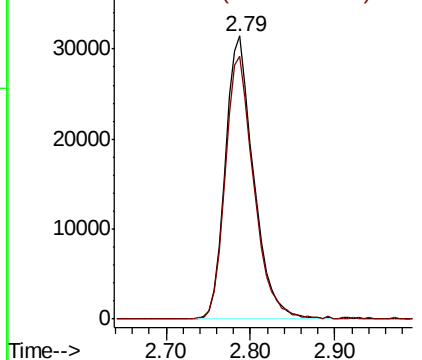
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.985 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005854.D

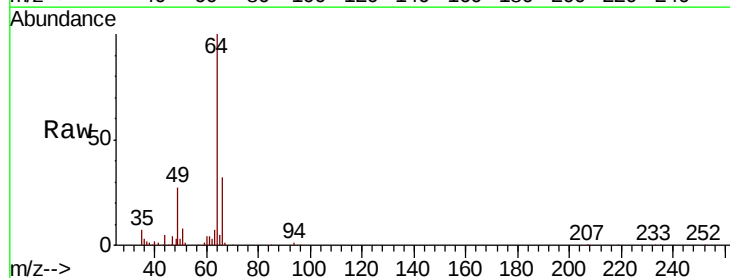
Acq: 04 Oct 2018 13:07

Tgt Ion: 64 Resp: 65035

Ion Ratio Lower Upper

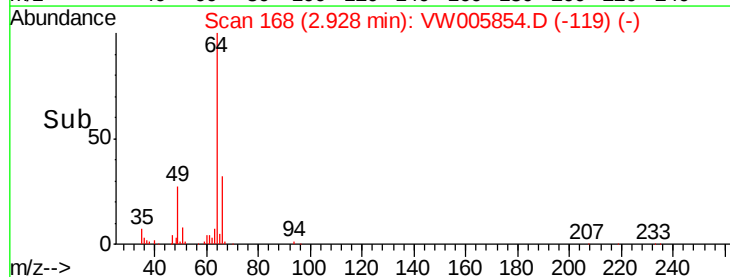
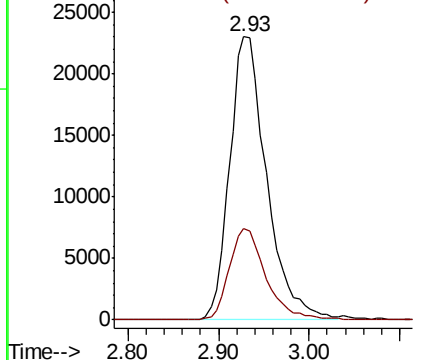
64 100

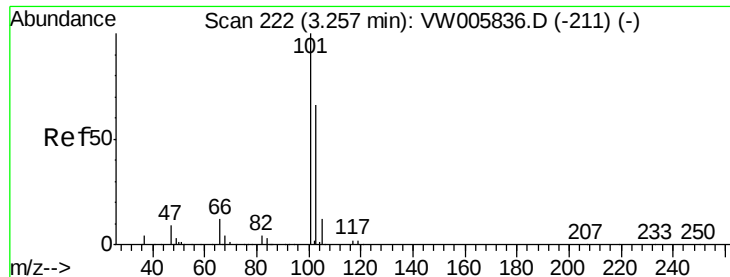
66 32.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

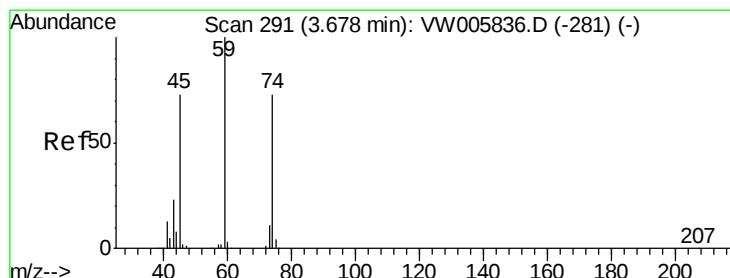
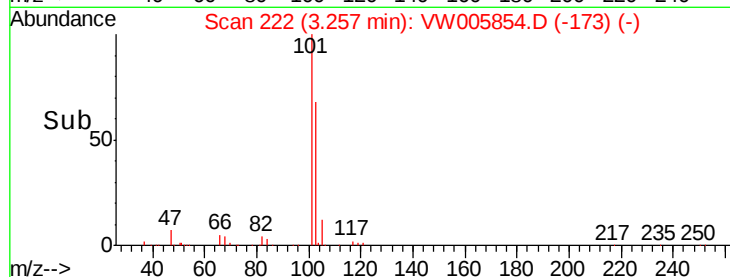
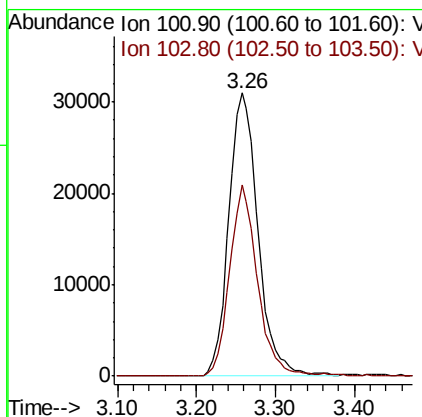
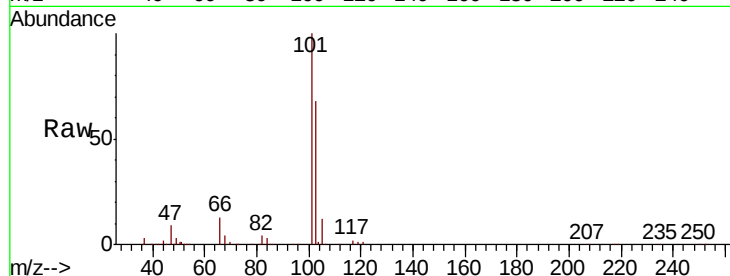
Trichlorofluoromethane
 Concen: 51.357 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	52.5	78.7

Manual Integrations
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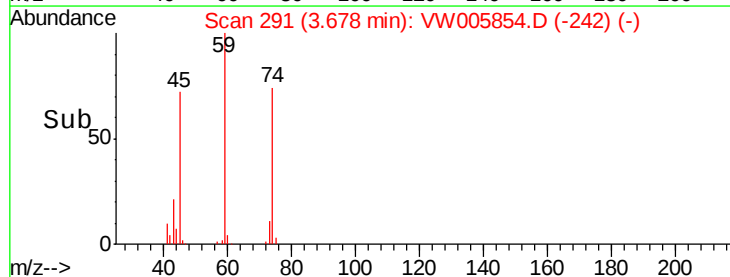
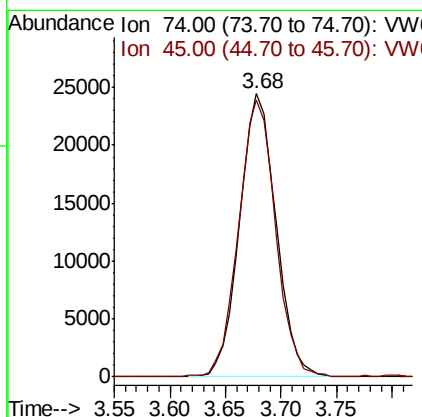
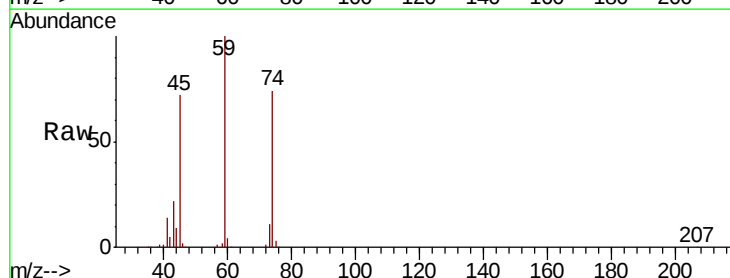
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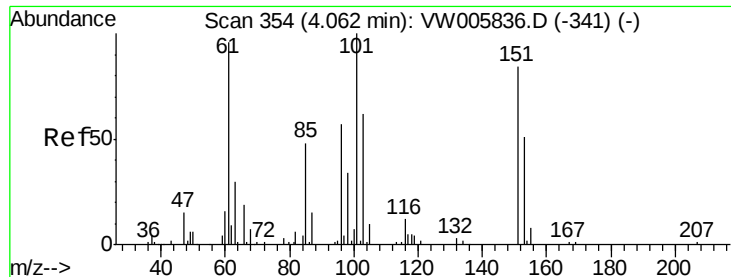


#8

Diethyl Ether
 Concen: 47.121 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.3	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.996 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

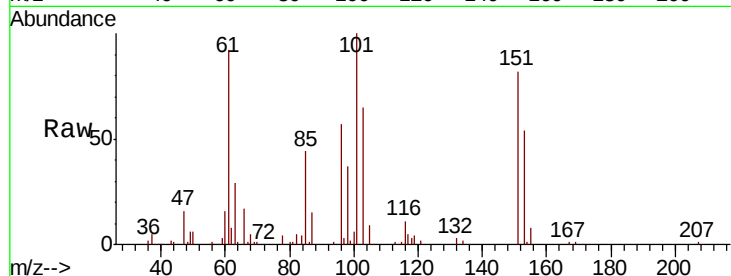
ClientSampleId :

VSTDCCC050EC

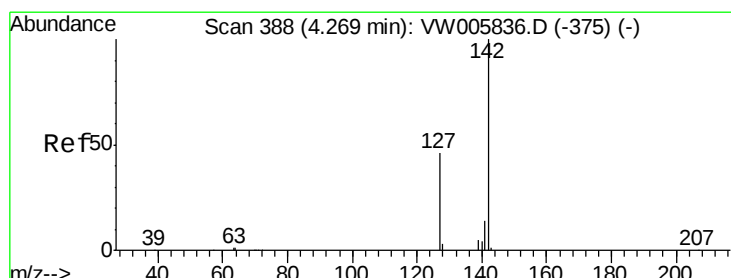
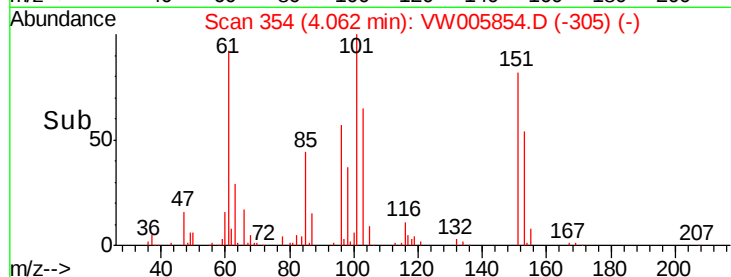
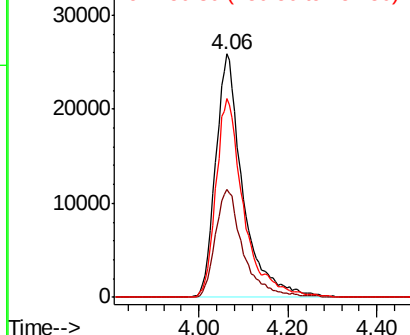
Tot Ion:	101	Resp:	109776
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.5	53.3
151	83.3	67.4	101.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.911 ug/l

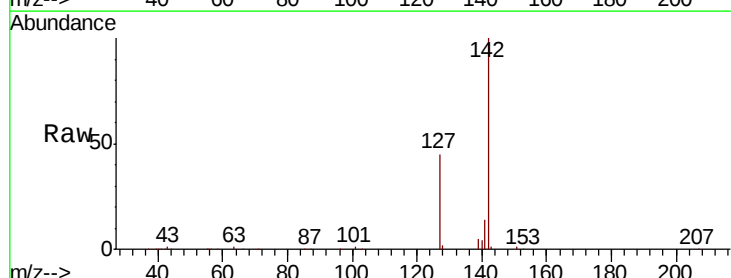
RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

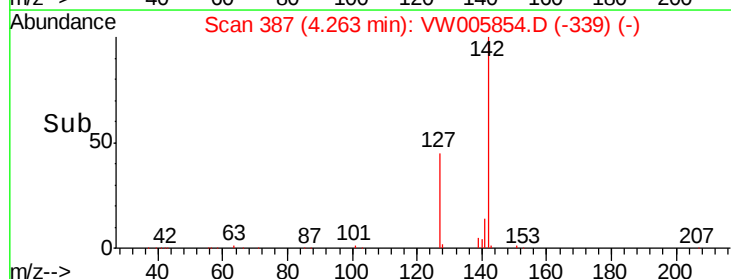
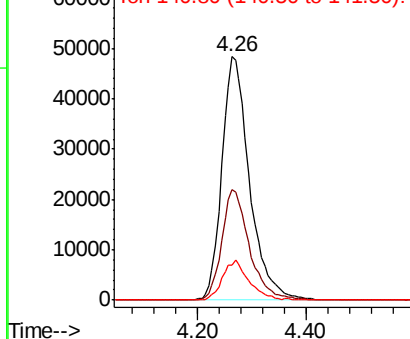
Lab File: VW005854.D

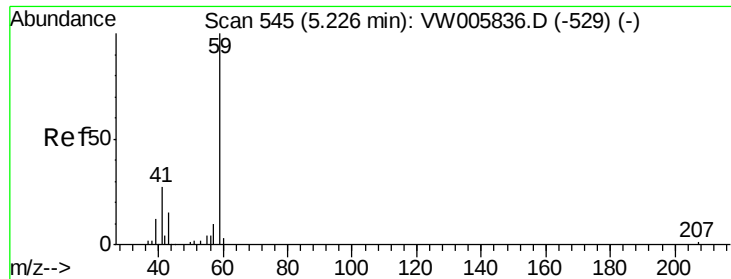
Acq: 04 Oct 2018 13:07

Tgt Ion:	142	Resp:	170844
Ion Ratio	Lower	Upper	
142	100		
127	45.4	37.4	56.0
141	15.7	12.2	18.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





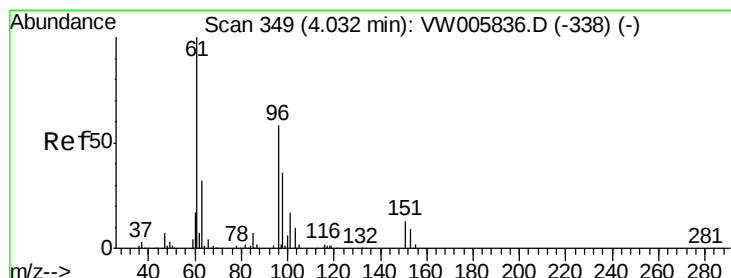
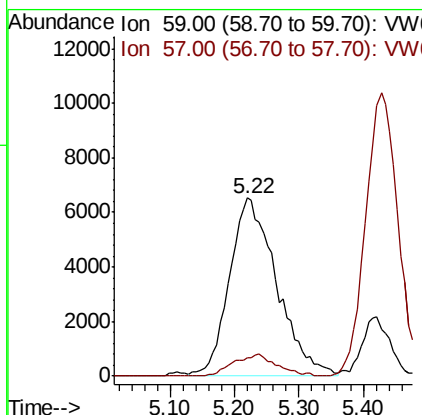
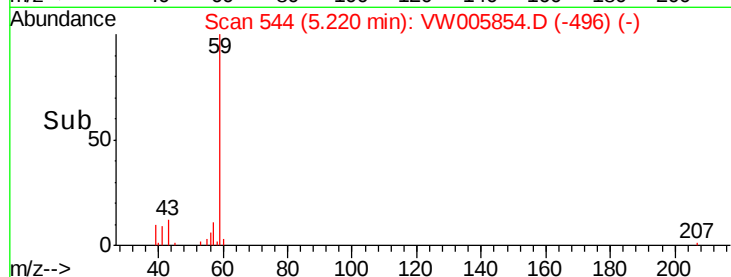
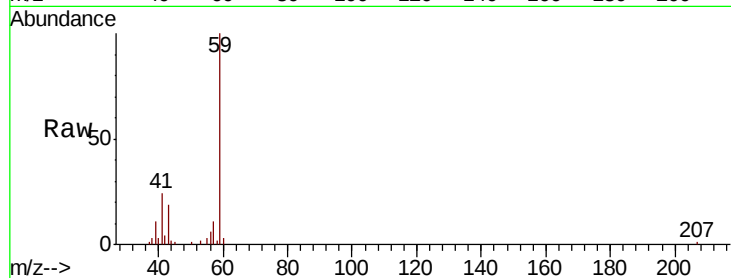
#11
Tert butyl alcohol
Concen: 199.997 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 32950
Ion Ratio Lower Upper
59 100
57 11.4 4.9 7.3#

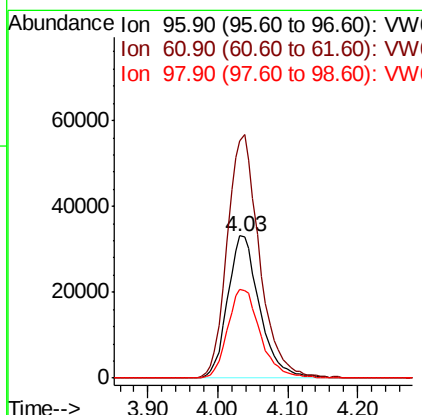
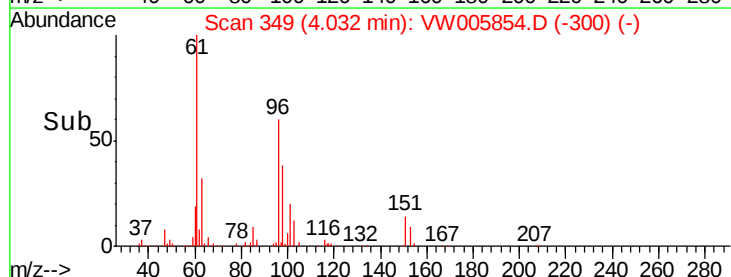
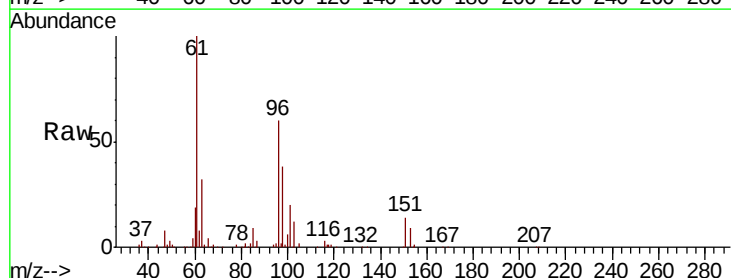
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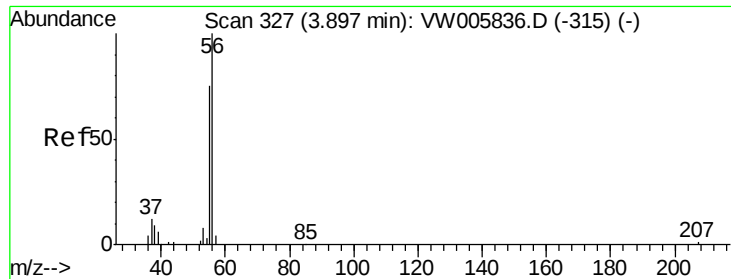
apatel
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#12
1,1-Dichloroethene
Concen: 50.107 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion: 96 Resp: 105691
Ion Ratio Lower Upper
96 100
61 166.9 138.8 208.2
98 62.7 50.6 75.8





#13

Acrolein

Concen: 225.797 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 37377

Ion Ratio Lower Upper

56 100

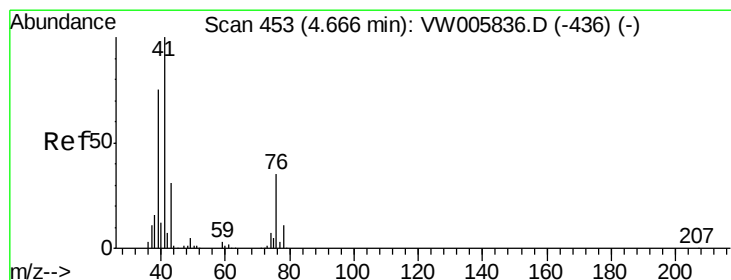
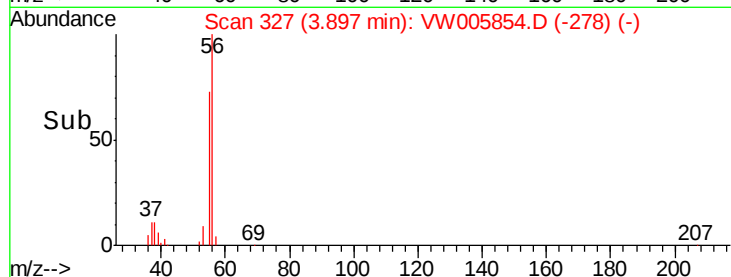
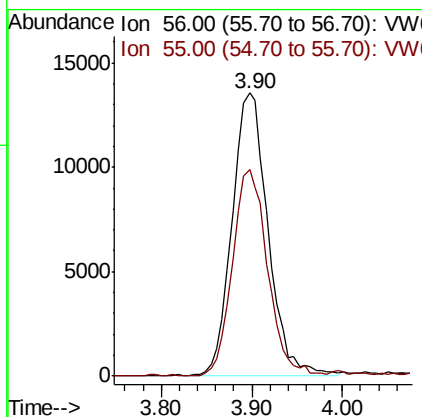
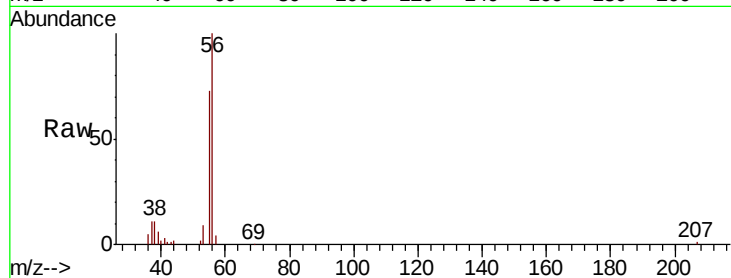
55 71.4 59.2 88.8

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#14

Allyl chloride

Concen: 50.537 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

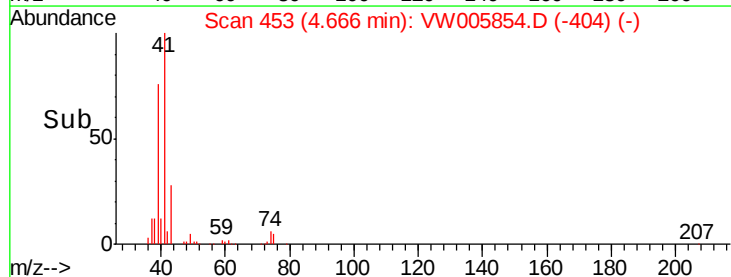
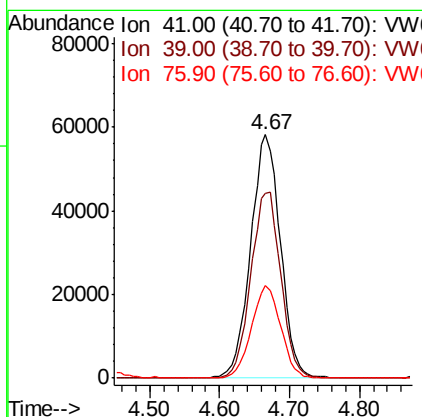
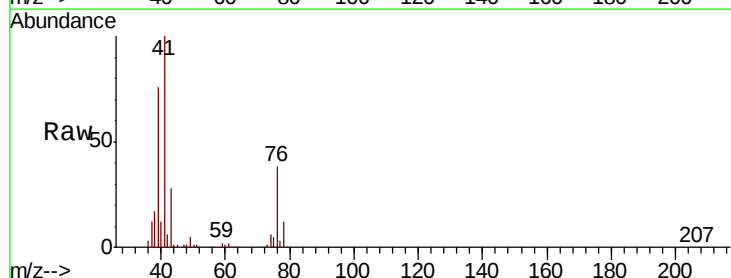
Tgt Ion: 41 Resp: 172995

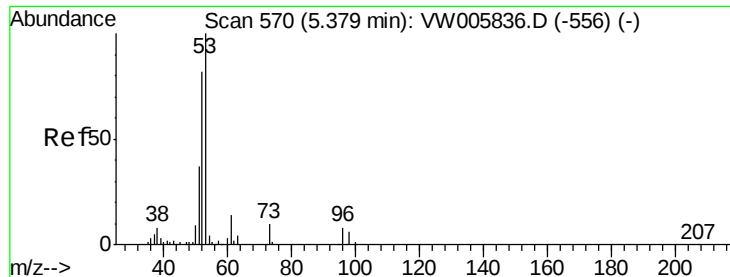
Ion Ratio Lower Upper

41 100

39 76.4 60.3 90.5

76 37.1 28.9 43.3





#15

Acrylonitrile

Concen: 226.011 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

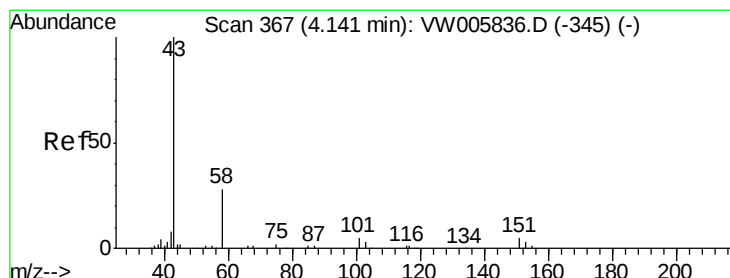
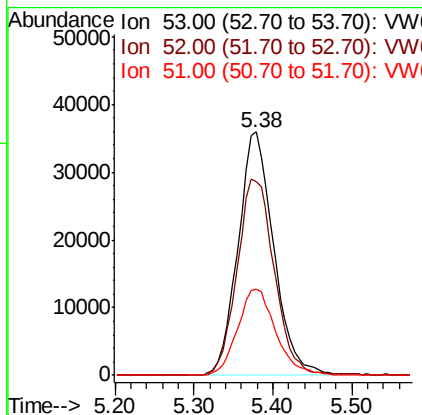
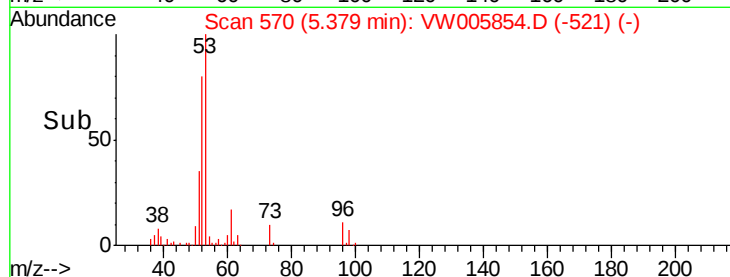
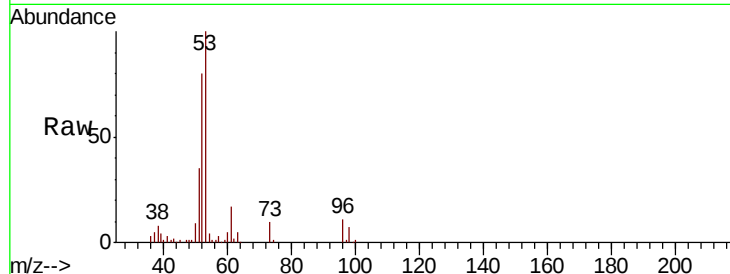
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	113041
Ion Ratio	Lower	Upper	
53	100		
52	84.5	67.3	100.9
51	38.1	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 264.541 ug/l

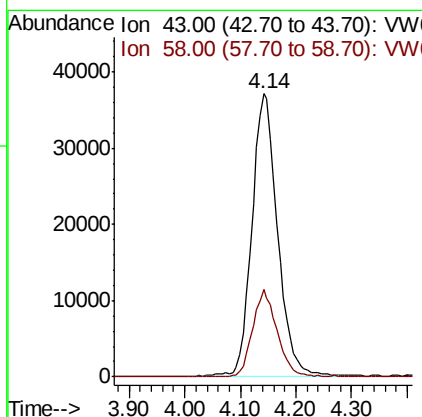
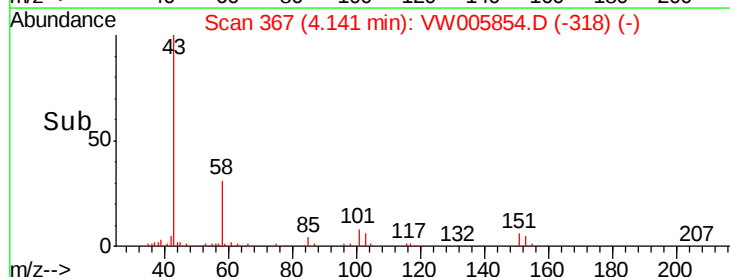
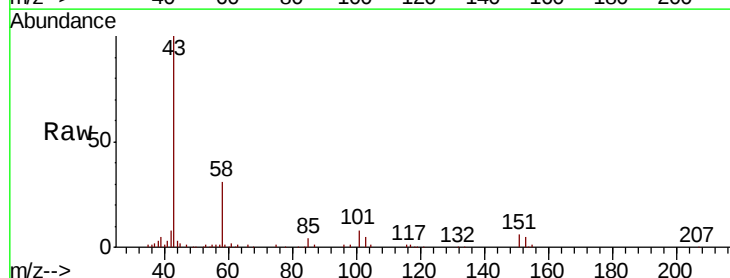
RT: 4.14 min Scan# 367

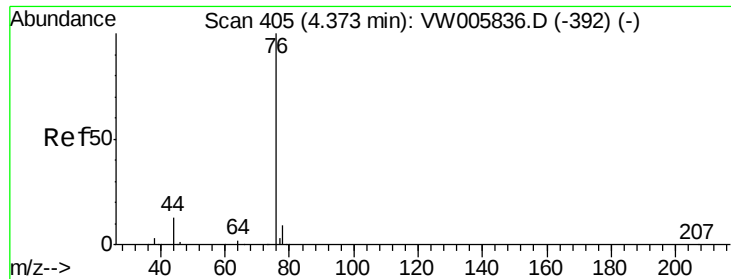
Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Tgt Ion:	43	Resp:	120289
Ion Ratio	Lower	Upper	
43	100		
58	30.7	23.0	34.4





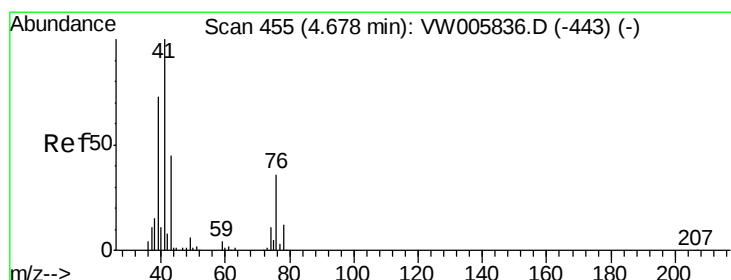
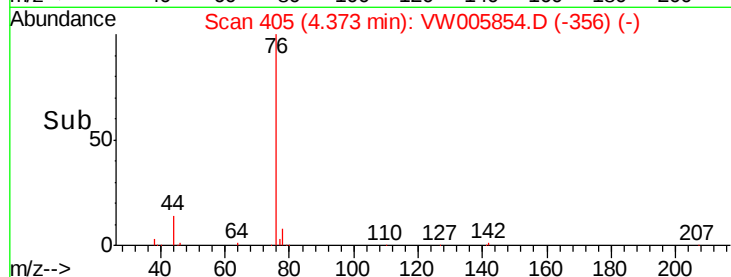
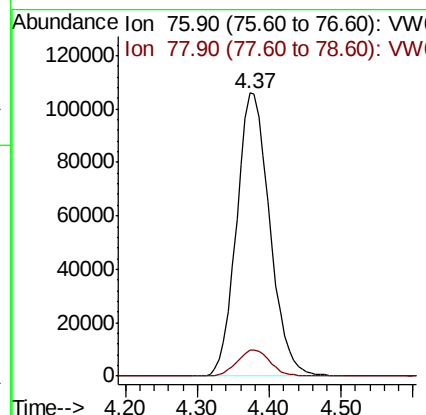
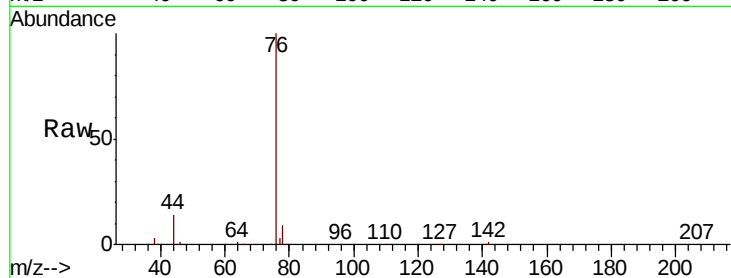
#17
Carbon Disulfide
Concen: 50.837 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

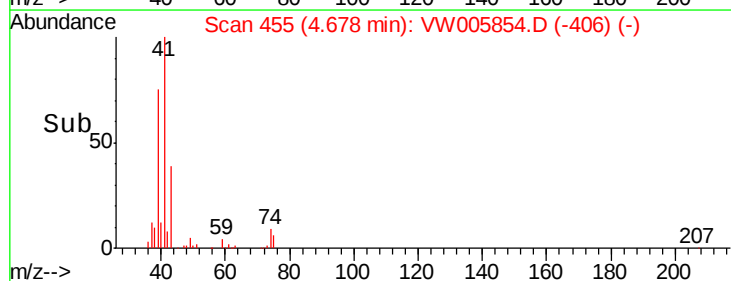
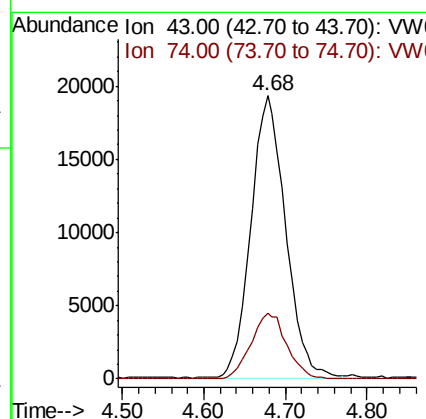
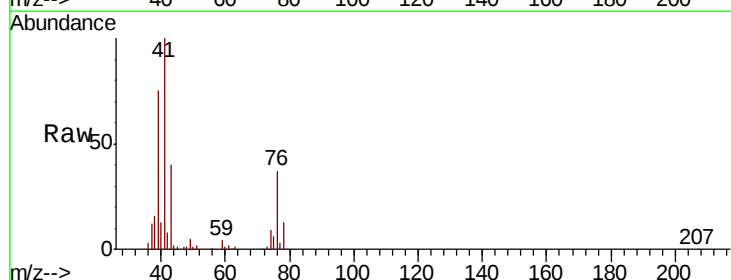
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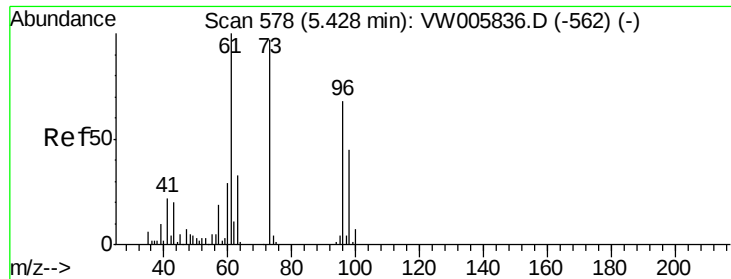
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#18
Methyl Acetate
Concen: 44.095 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.5	29.3





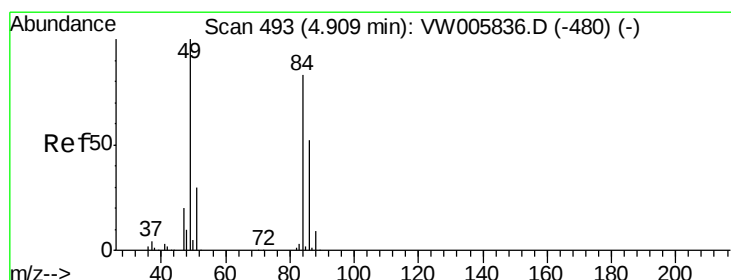
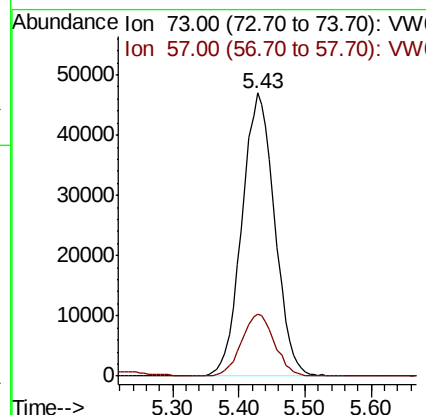
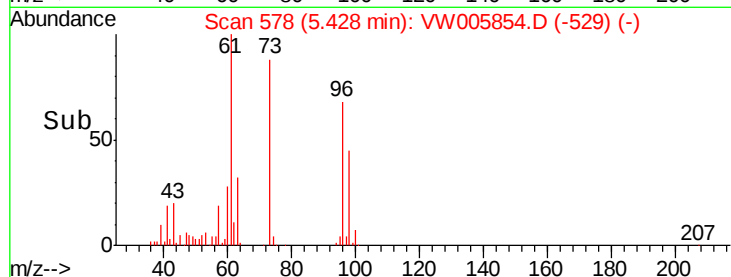
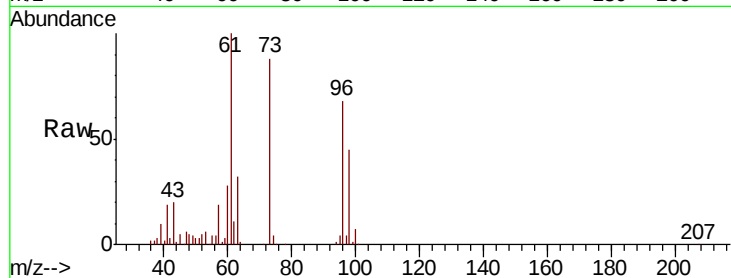
#19
Methyl tert-butyl Ether
Concen: 48.859 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	15.9	23.9

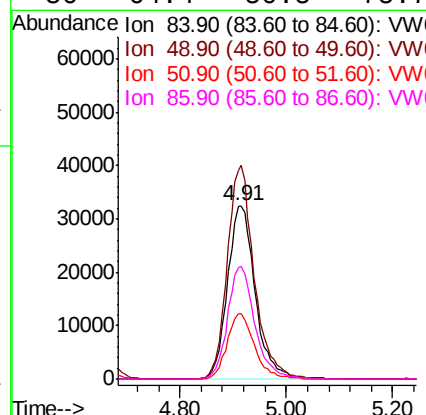
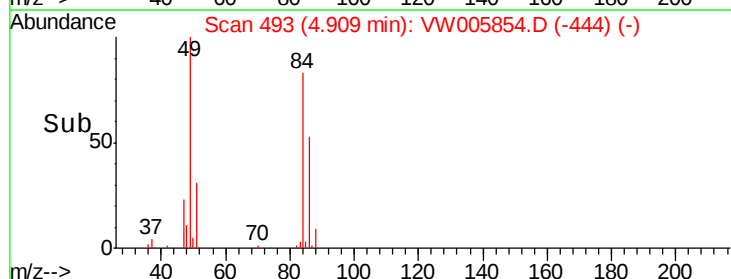
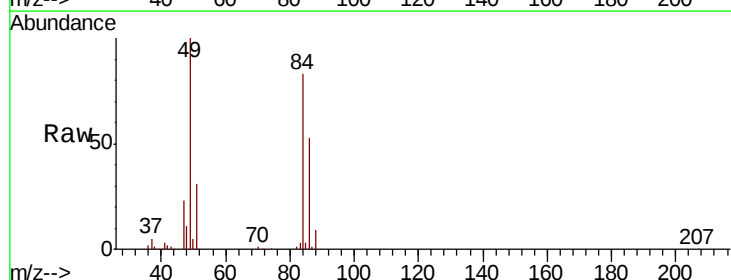
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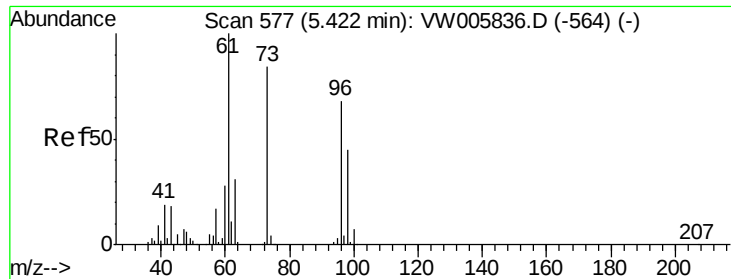
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#20
Methylene Chloride
Concen: 46.735 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	96.8	145.2
51	37.7	28.8	43.2
86	64.4	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 50.616 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

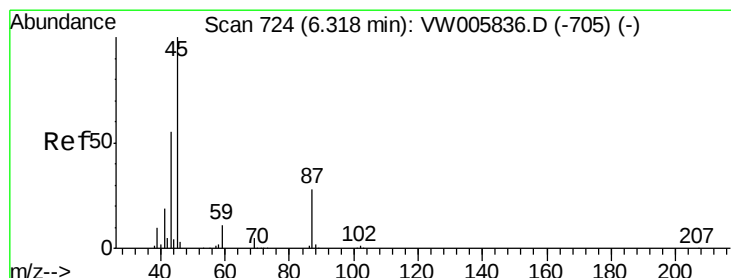
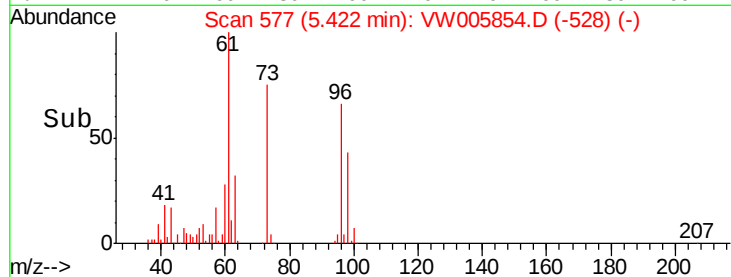
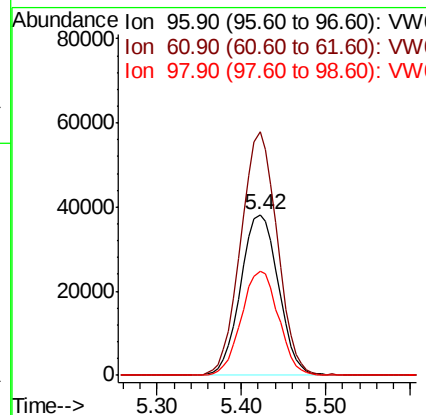
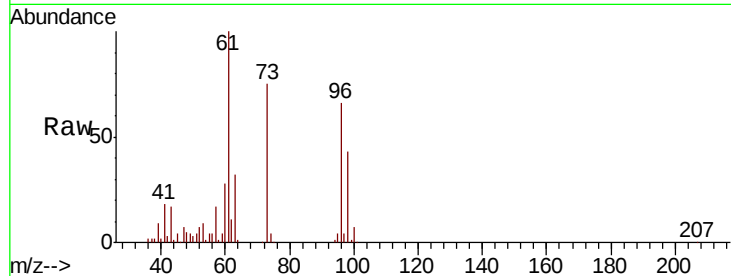
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	116531
Ion	Ratio	Lower	Upper
96	100		
61	151.6	117.0	175.6
98	65.2	52.2	78.2

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#22

Diisopropyl ether

Concen: 49.808 ug/l

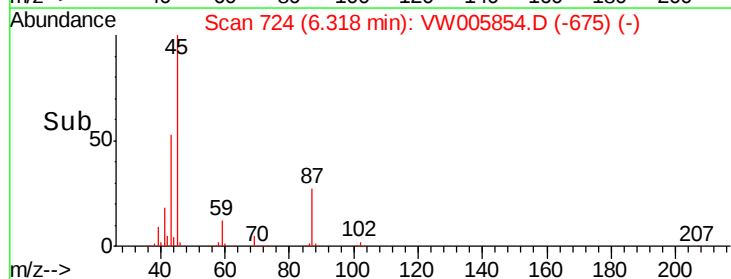
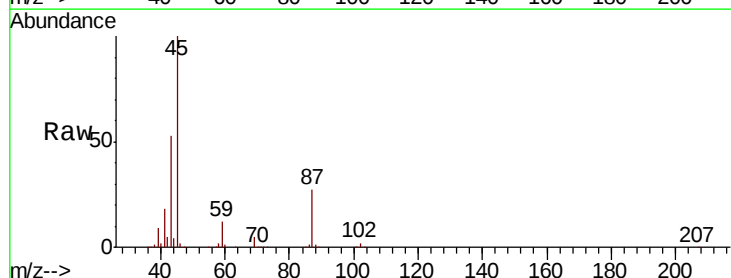
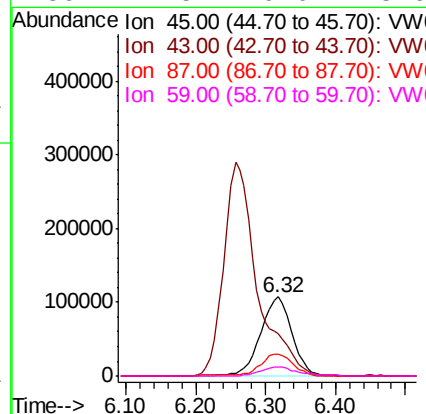
RT: 6.32 min Scan# 724

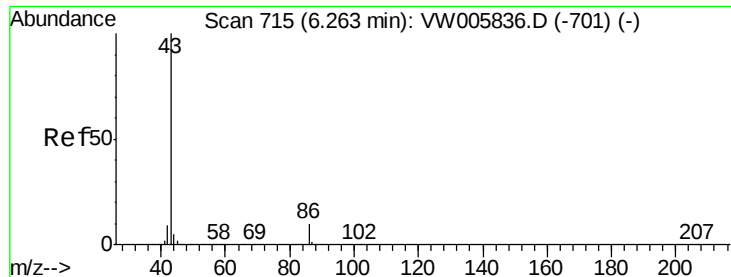
Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Tgt Ion:	45	Resp:	334620
Ion	Ratio	Lower	Upper
45	100		
43	53.0	44.6	67.0
87	26.9	23.4	35.2
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 252.999 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 965512

Ion Ratio Lower Upper

43 100

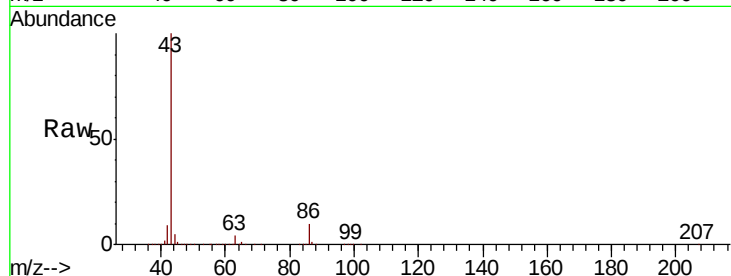
86 10.2 8.1 12.1

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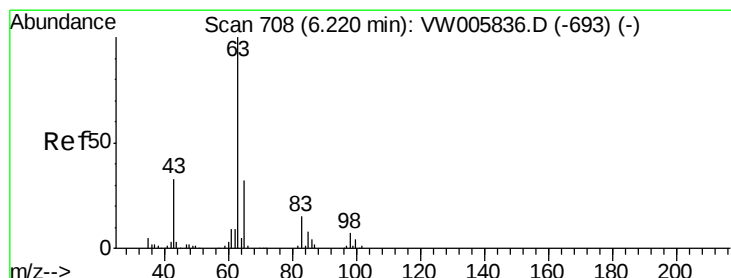
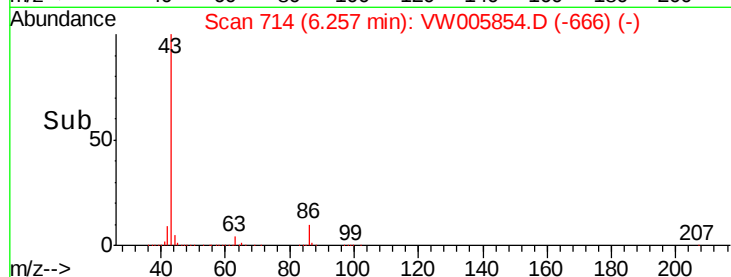
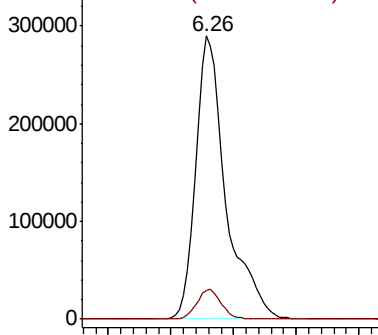
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.555 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

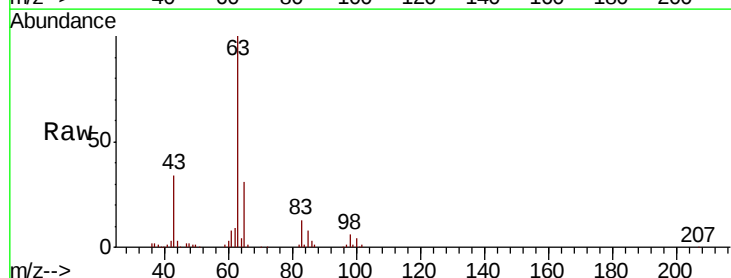
Tgt Ion: 63 Resp: 211662

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

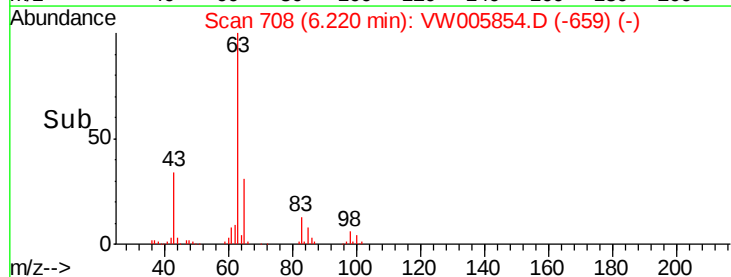
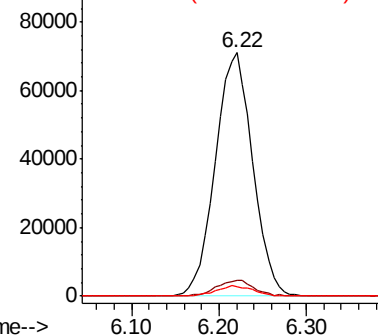
100 4.0 2.0 6.0

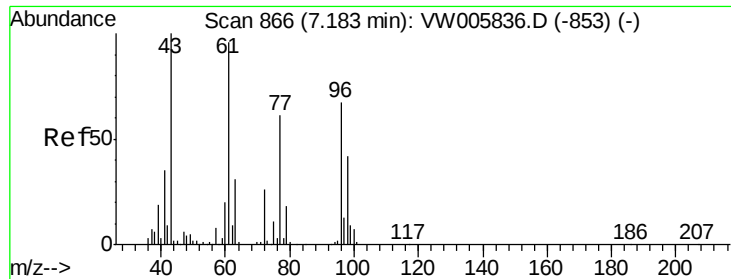


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 227.491 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 145511

Ion Ratio Lower Upper

43 100

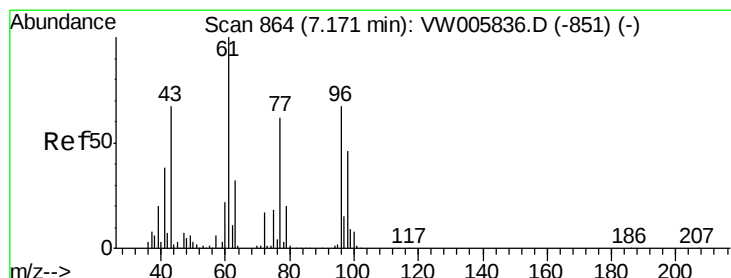
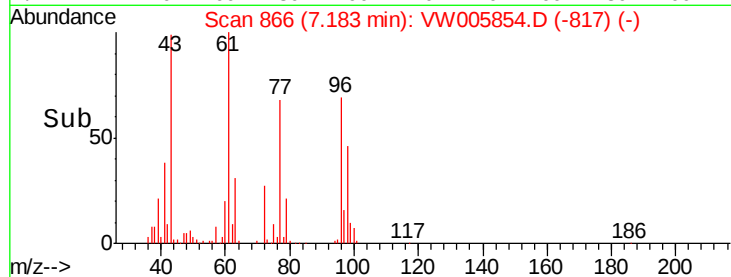
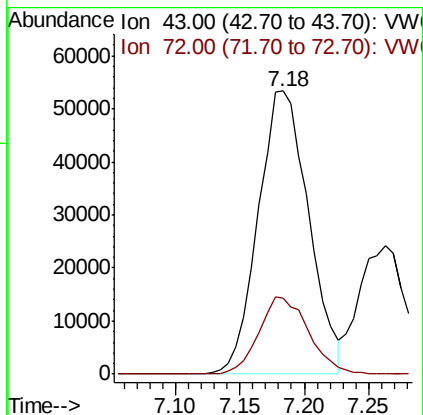
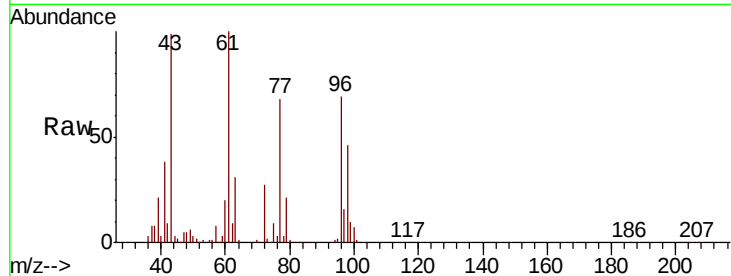
72 26.8 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 50.721 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW005854.D

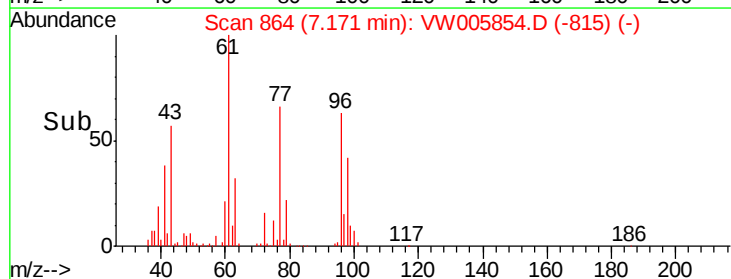
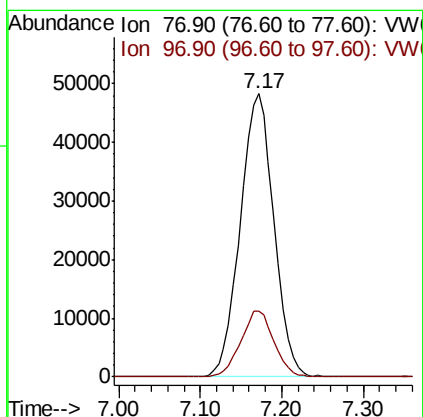
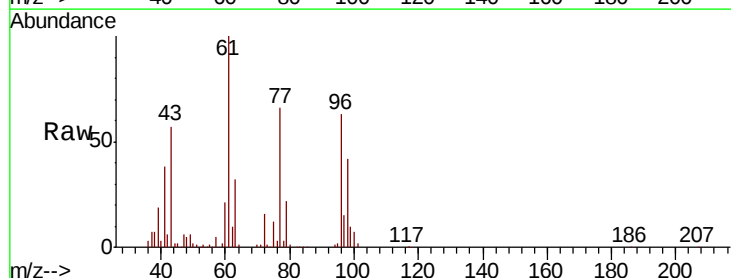
Acq: 04 Oct 2018 13:07

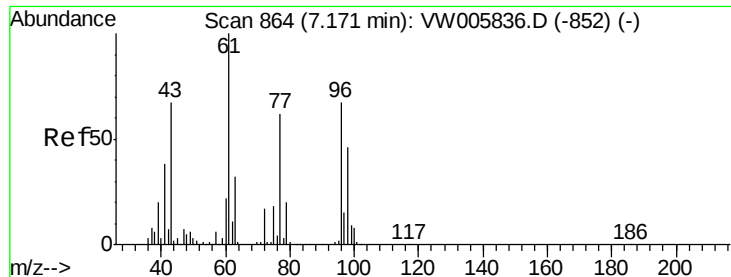
Tgt Ion: 77 Resp: 138054

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

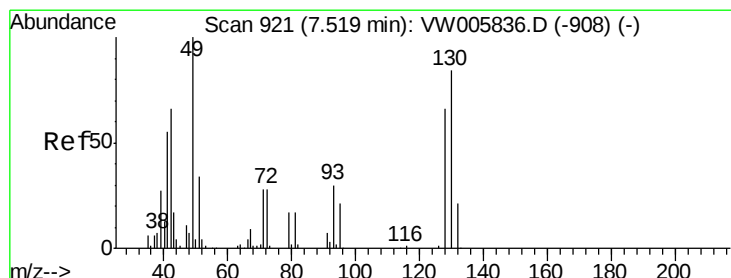
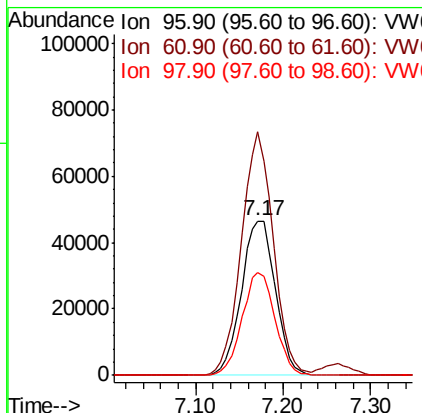
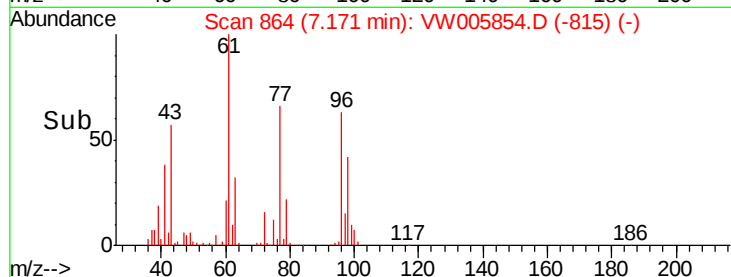
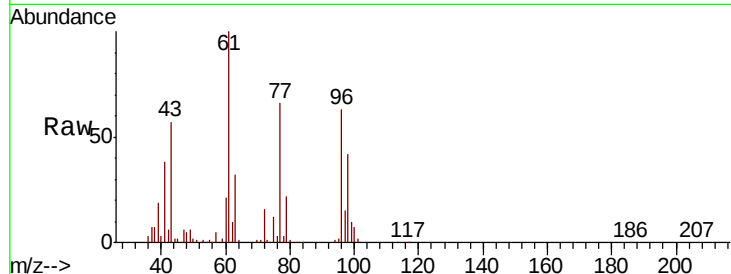
cis-1,2-Dichloroethene
 Concen: 49.036 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.7	0.0	296.4	
98	64.5	0.0	131.4	

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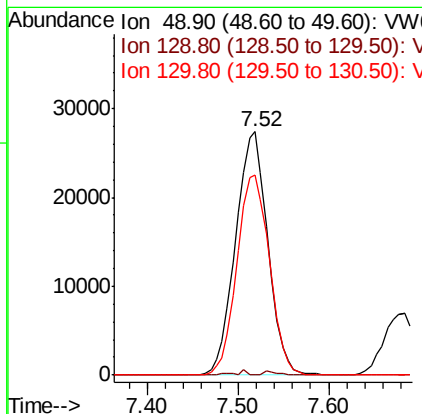
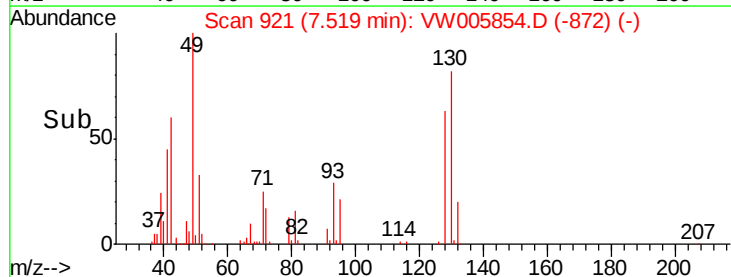
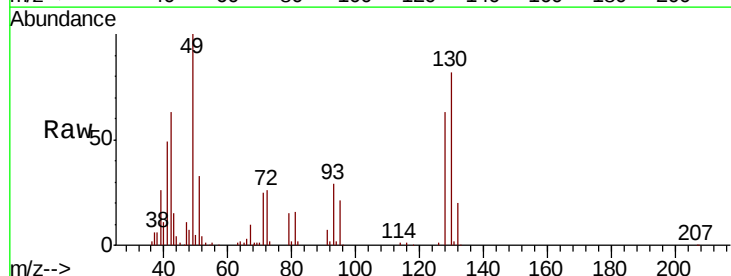
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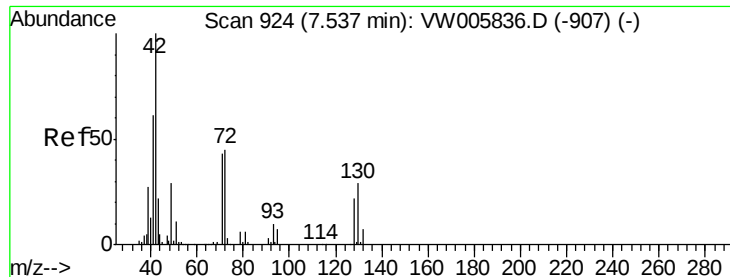


#28

Bromochloromethane
 Concen: 43.924 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	2.2	
130	83.1	66.4	99.6	





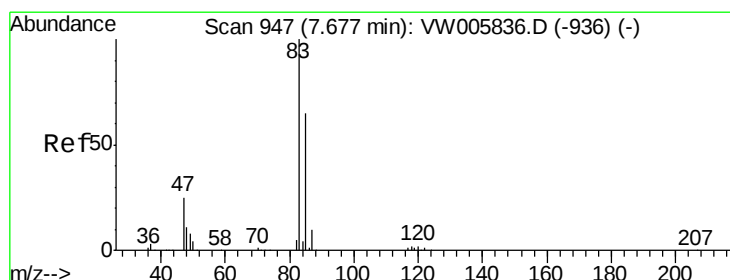
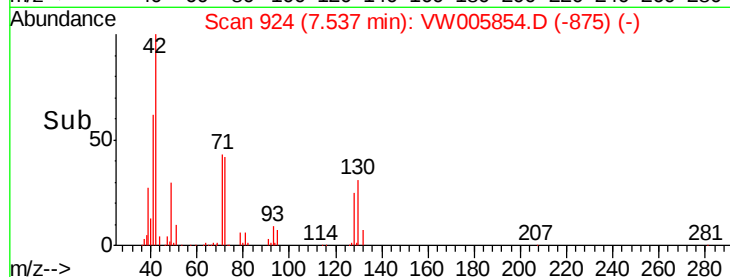
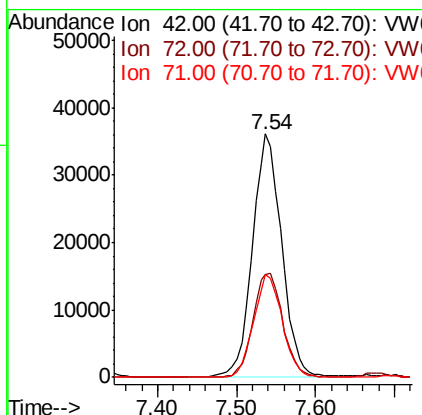
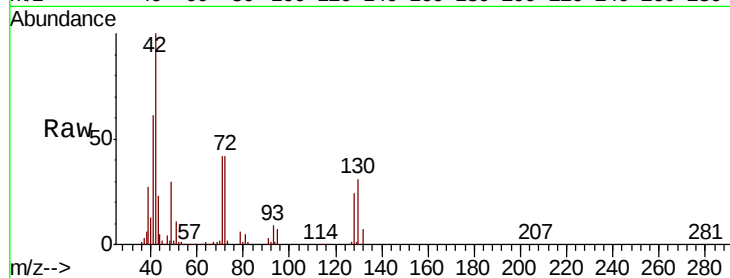
#29
Tetrahydrofuran
Concen: 236.053 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	51.8
71	41.5	33.6	50.4

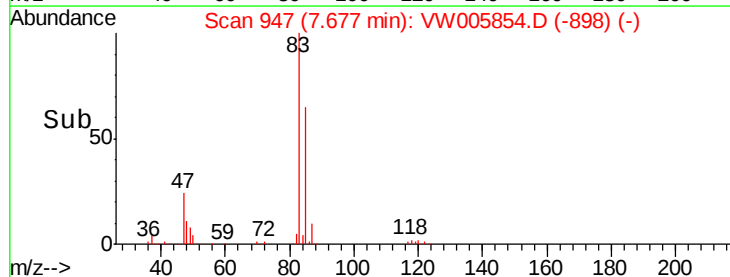
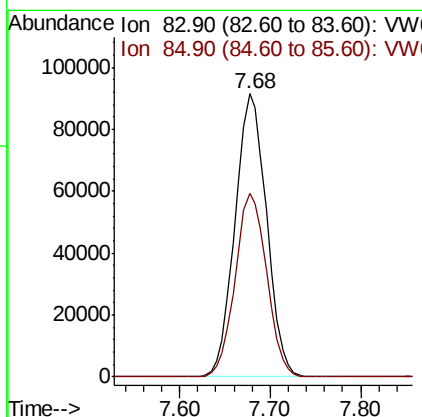
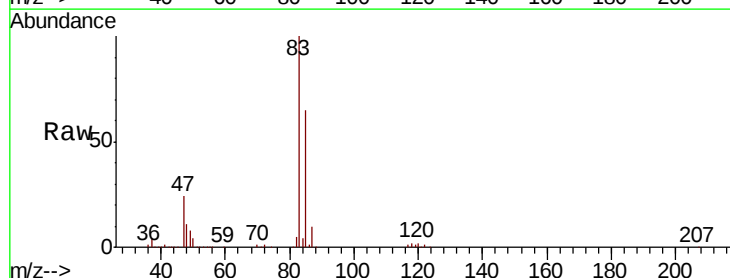
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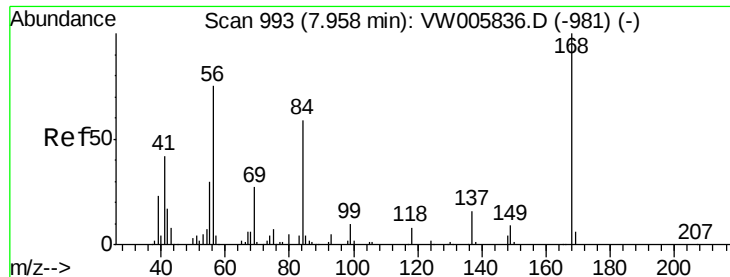
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#30
Chloroform
Concen: 47.166 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





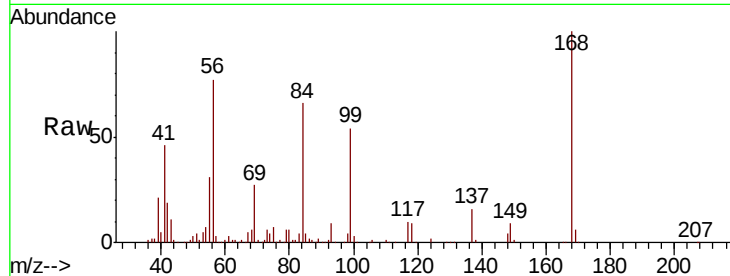
#31
Cvclohexane
Concen: 52.401 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

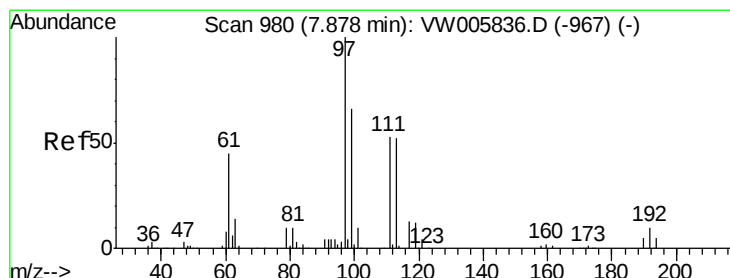
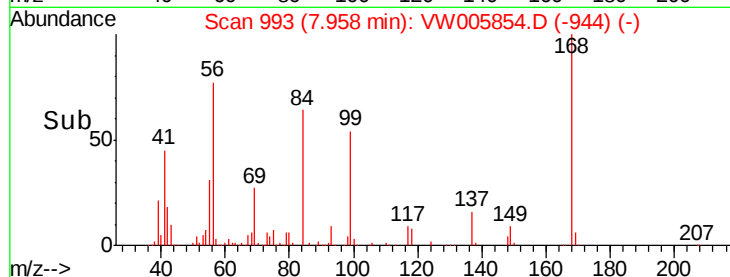
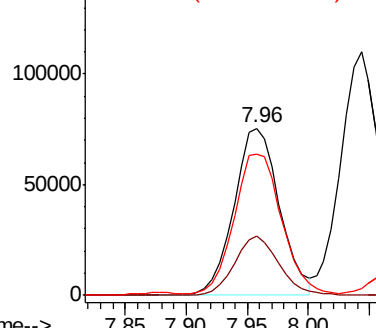
Tot Ion	Ratio	Lower	Upper
56	100		
69	35.5	29.0	43.4
84	83.0	63.5	95.3

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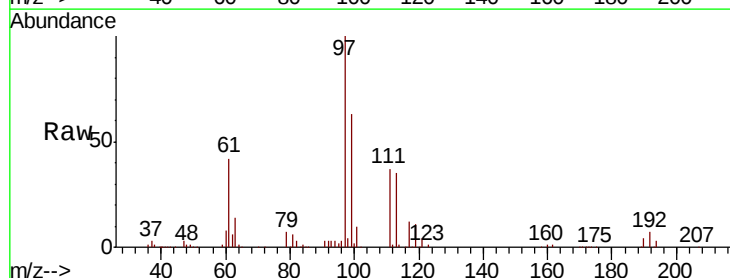


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

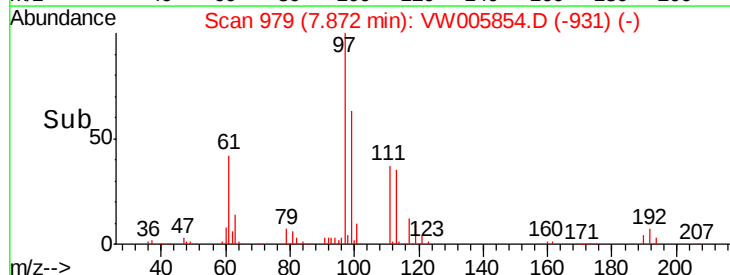
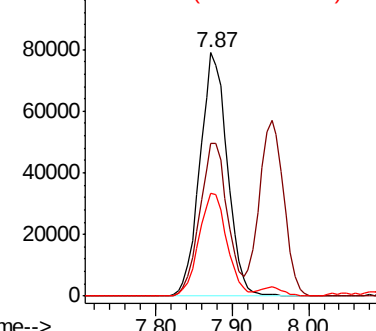


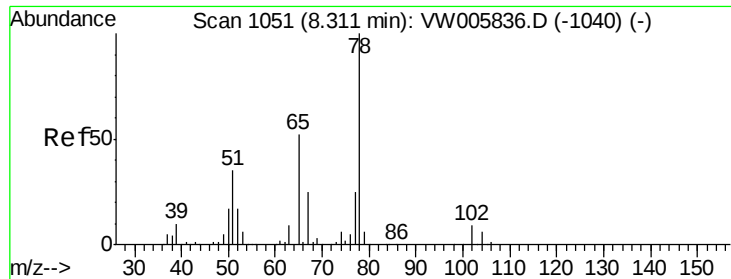
#32
1,1,1-Trichloroethane
Concen: 49.076 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.2	76.8
61	43.4	35.5	53.3



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





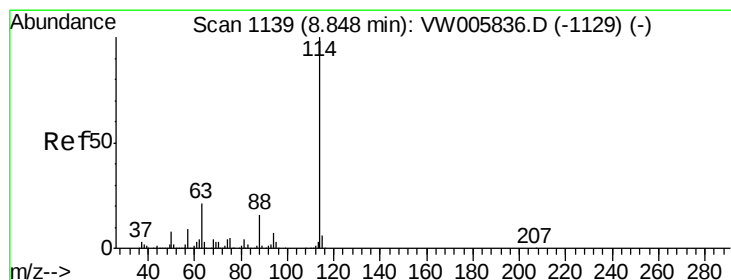
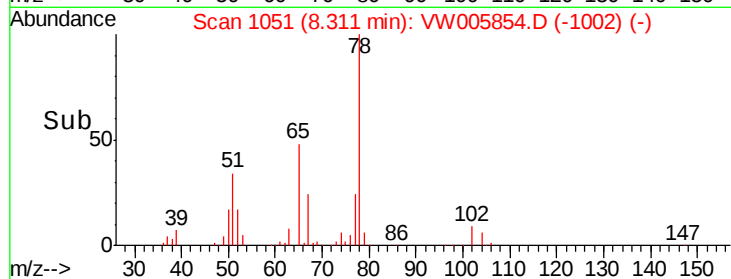
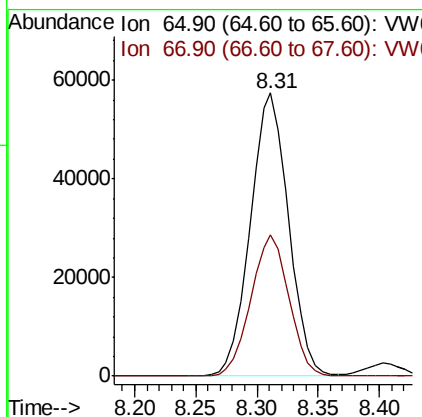
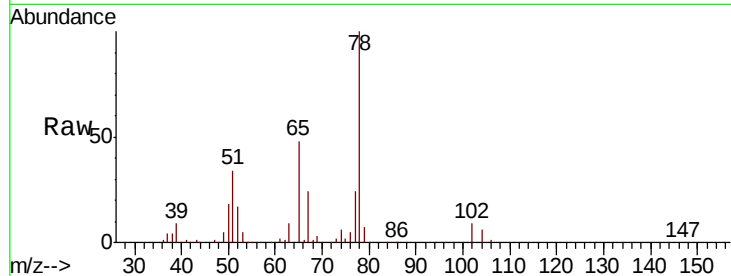
#33
 1,2-Dichloroethane-d4
 Concen: 45.661 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124410		
67	50.0	0.0	98.0	

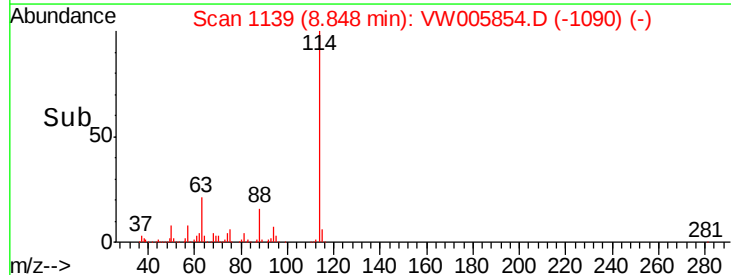
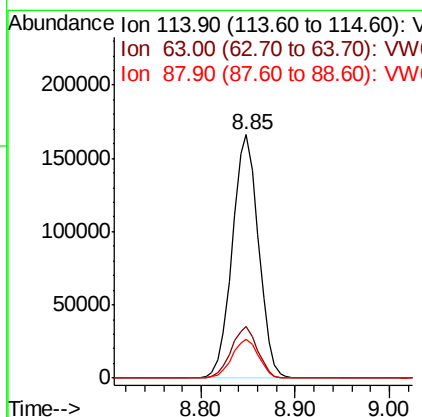
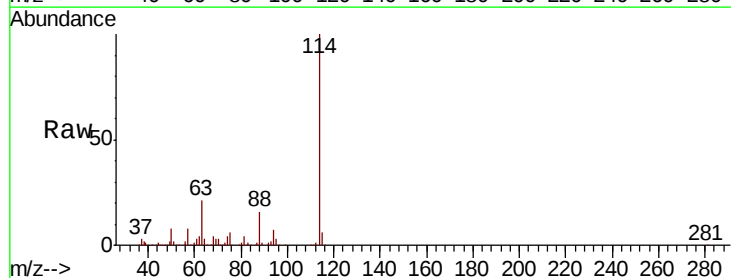
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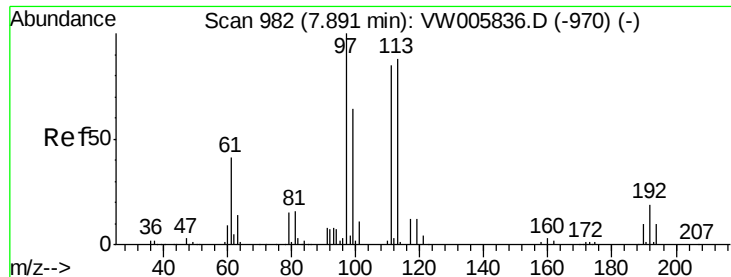
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	321606		
63	21.1	0.0	42.0	
88	15.9	0.0	31.2	





#35

Dibromofluoromethane

Concen: 50.226 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

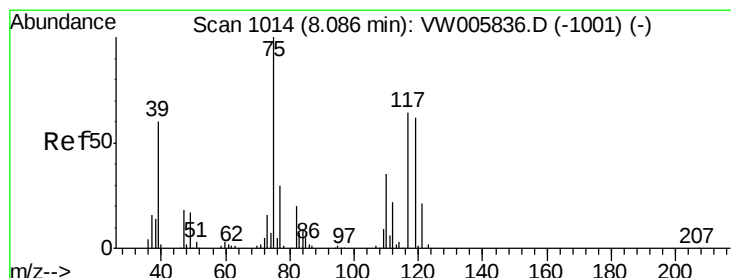
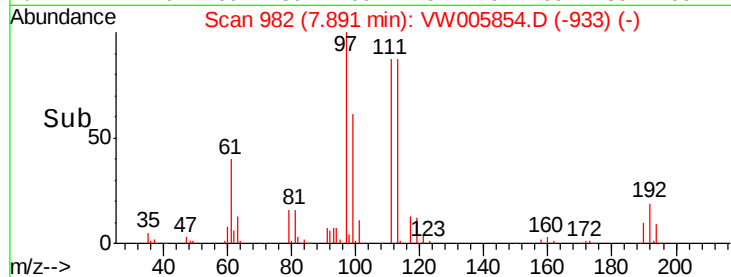
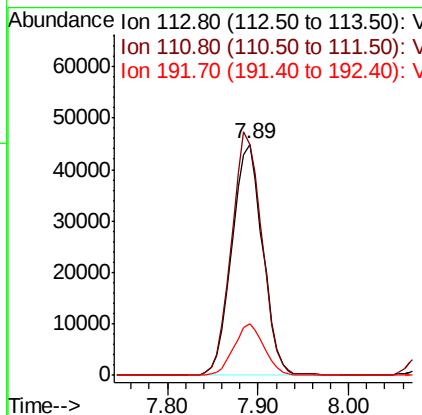
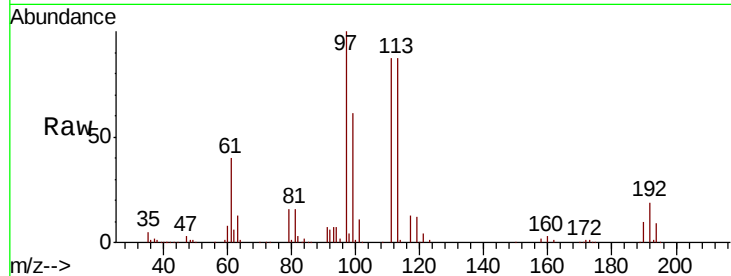
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	105874
Ion Ratio	Lower	Upper	
113	100		
111	104.5	81.4	122.2
192	21.7	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 55.627 ug/l

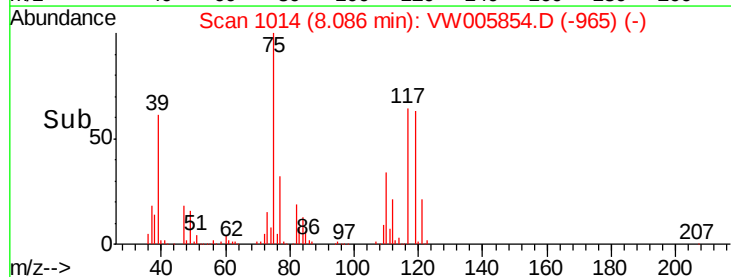
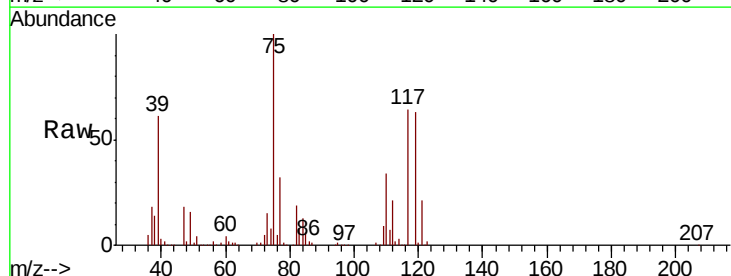
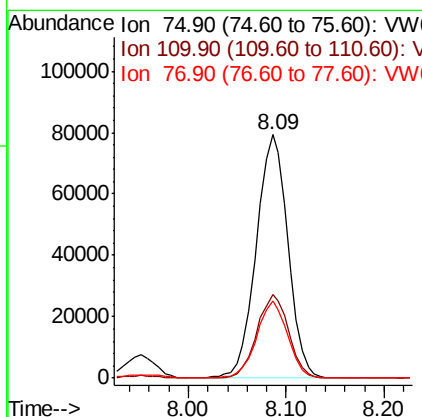
RT: 8.09 min Scan# 1014

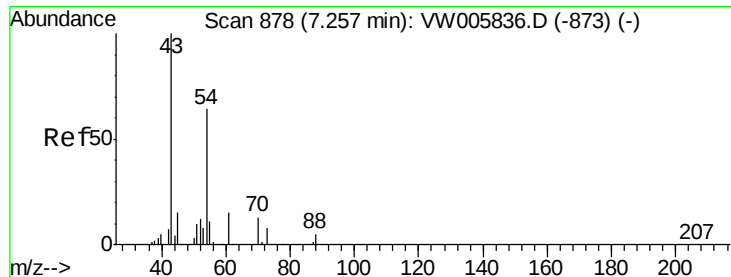
Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Tgt Ion:	75	Resp:	177828
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.6
77	31.2	24.8	37.2





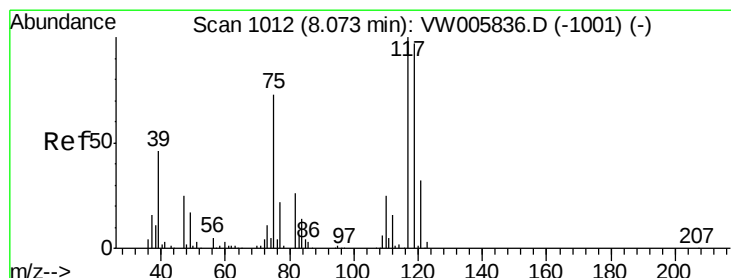
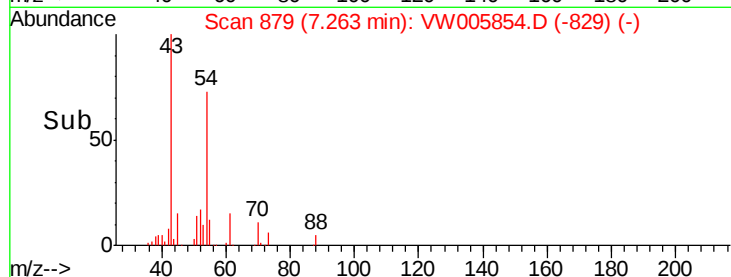
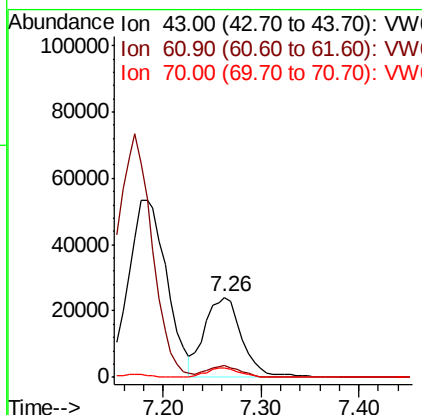
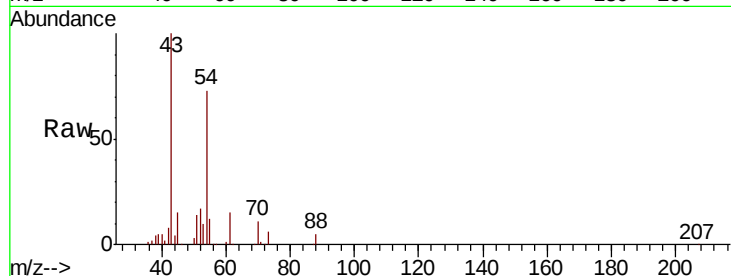
#37
Ethyl Acetate
Concen: 47.446 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.2	16.8
70	10.7	8.6	13.0

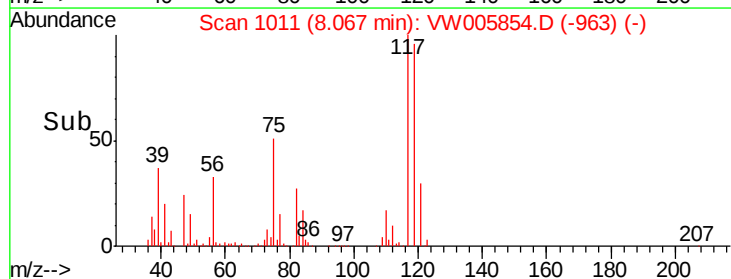
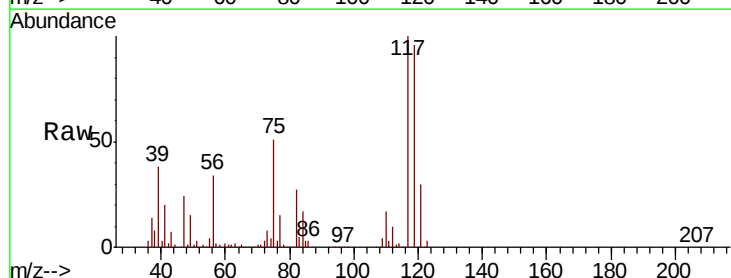
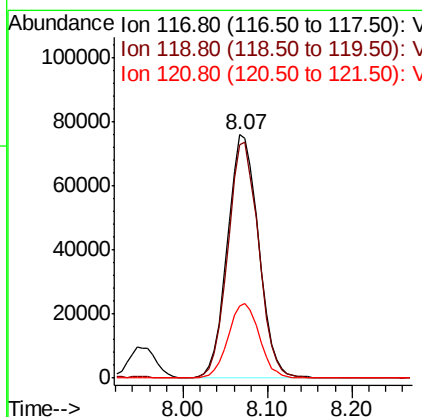
Manual Integrations
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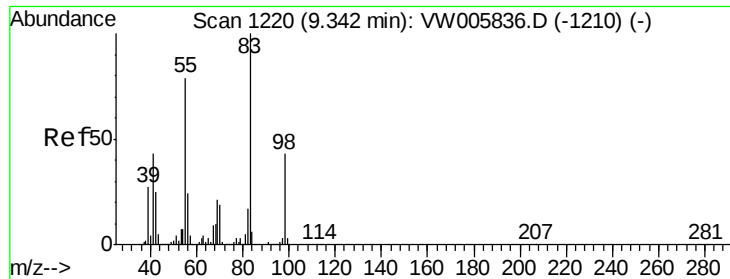
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#38
Carbon Tetrachloride
Concen: 53.557 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.9	116.9
121	29.5	25.2	37.8





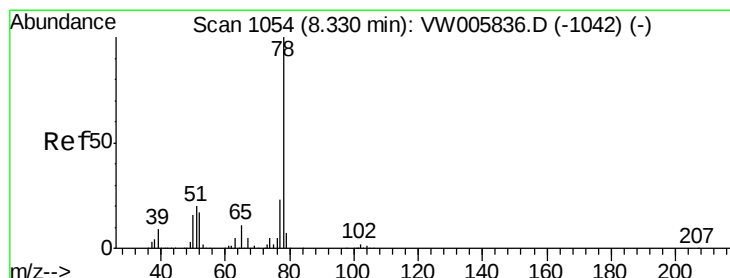
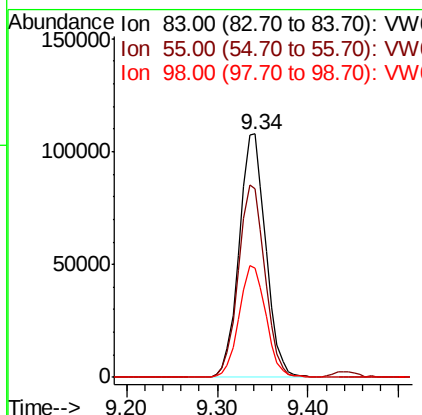
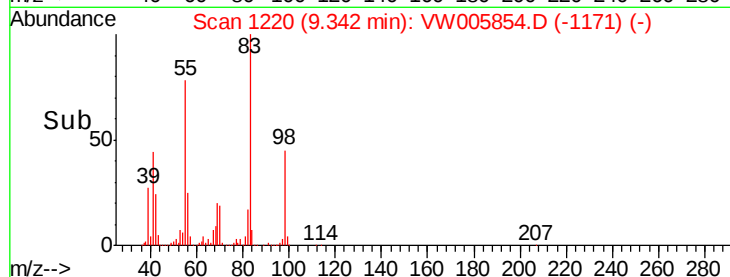
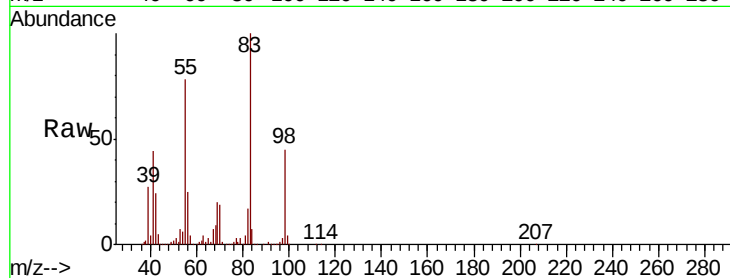
#39
Methvlcvclohexane
Concen: 60.834 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.7	63.0	94.4	
98	45.1	34.5	51.7	

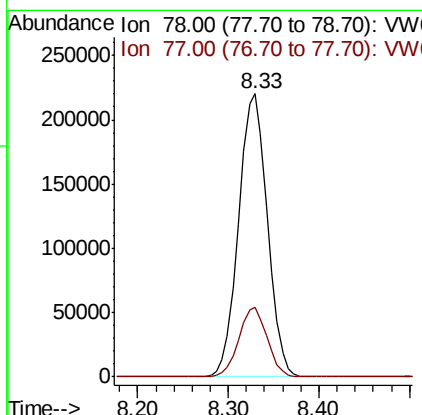
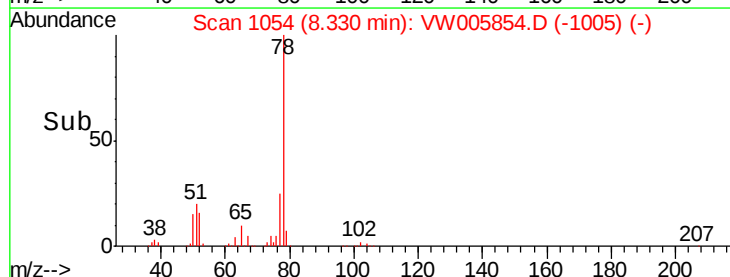
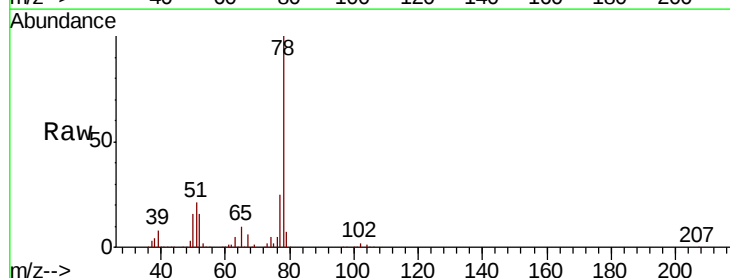
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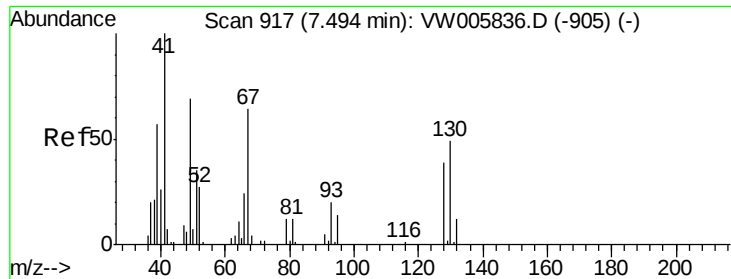
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#40
Benzene
Concen: 52.283 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.6	18.6	28.0	





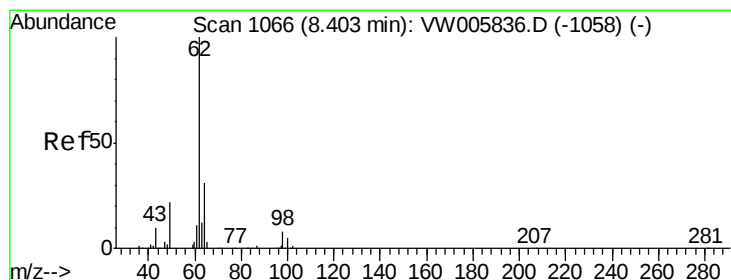
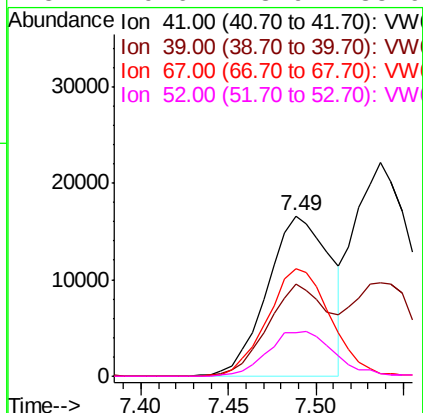
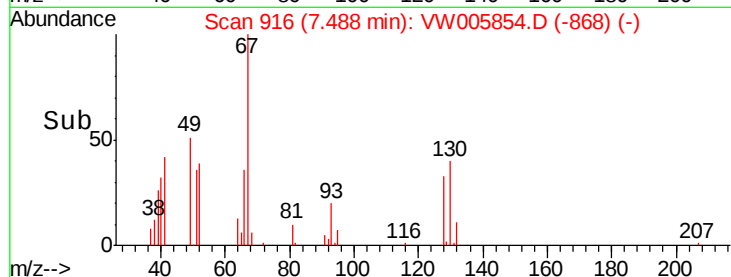
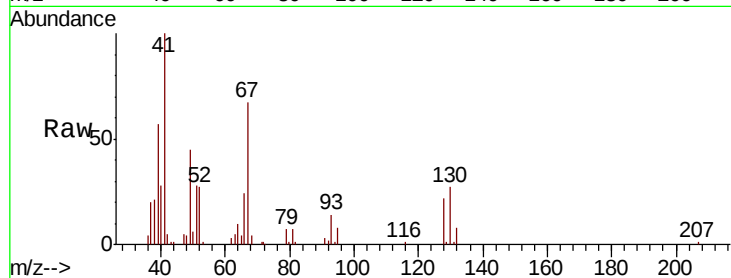
#41
Methacrylonitrile
Concen: 52.602 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	41821
Ion Ratio	Lower	Upper	
41	100		
39	55.6	45.6	68.4
67	67.4	53.6	80.4
52	29.6	23.9	35.9

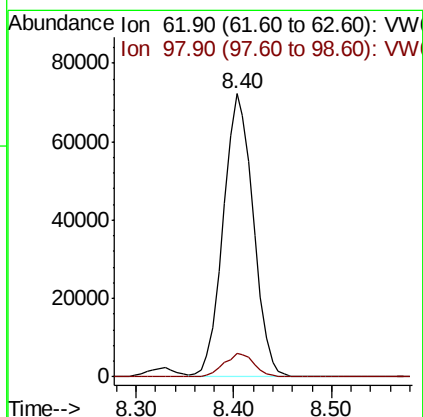
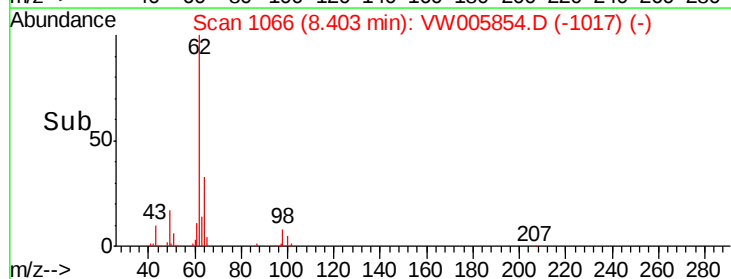
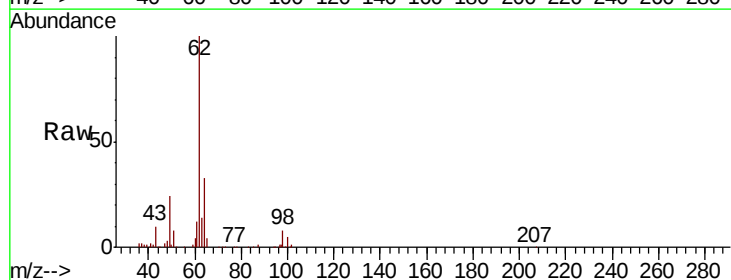
Manual Integrations
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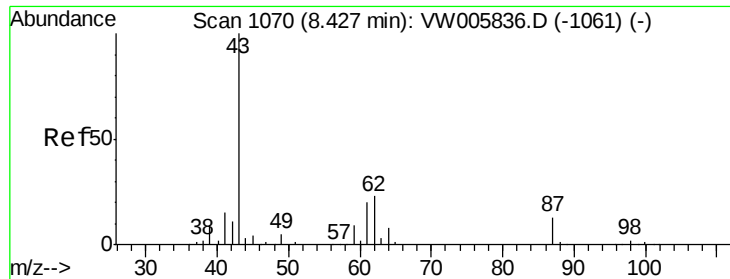
apatel
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#42
1,2-Dichloroethane
Concen: 49.253 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	62	Resp	153481
Ion Ratio	Lower	Upper	
62	100		
98	8.4	0.0	16.2





#43

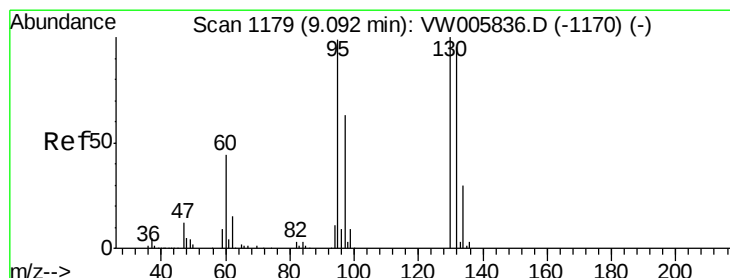
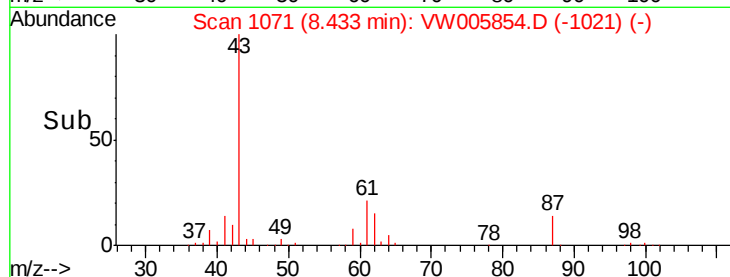
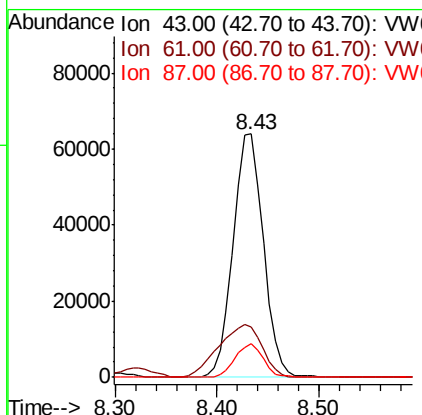
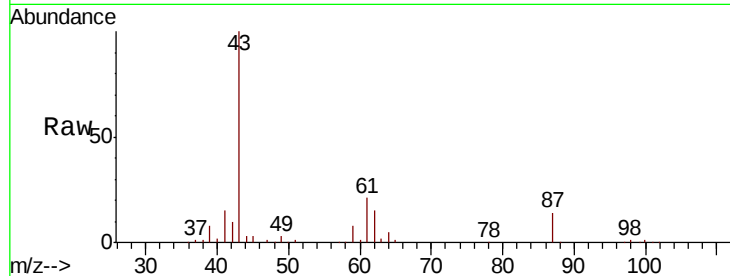
Isopropyl Acetate
 Concen: 49.910 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	61	87
Resp	131253		
Ratio	100	31.3	13.0
Lower		24.1	10.6
Upper		36.1	16.0

Manual Integrations
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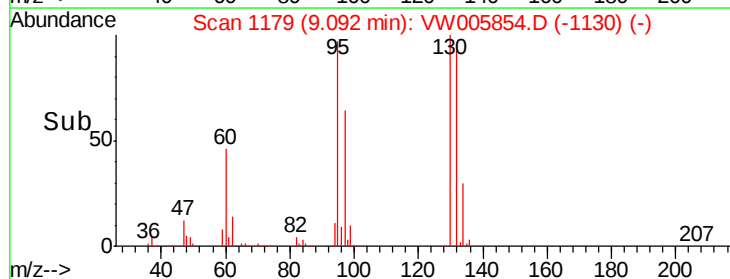
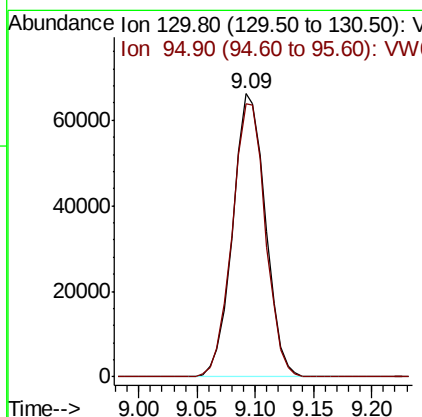
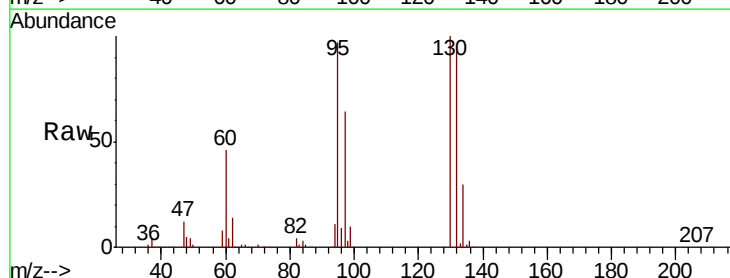
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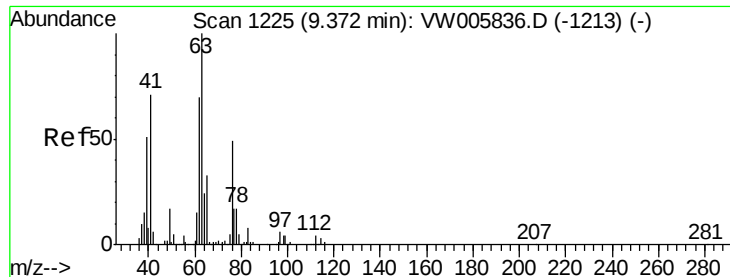


#44

Trichloroethene
 Concen: 52.848 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	130	95
Resp	129408	
Ratio	100	96.5
Lower		0.0
Upper		197.6





#45

1,2-Dichloropropane

Concen: 52.844 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 115934

Ion Ratio Lower Upper

63 100

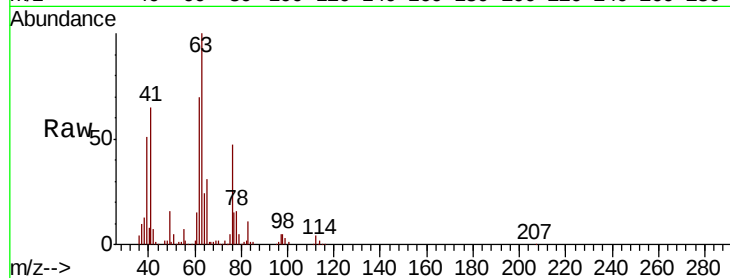
65 30.9 26.1 39.1

Manual Integrations

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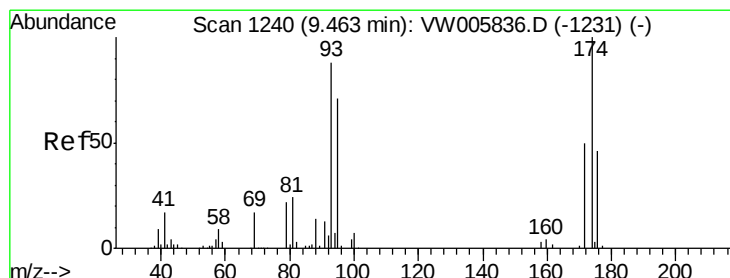
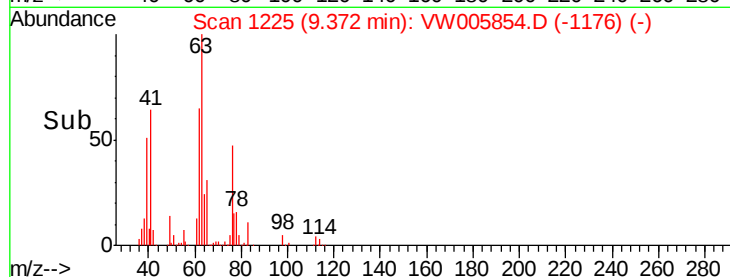
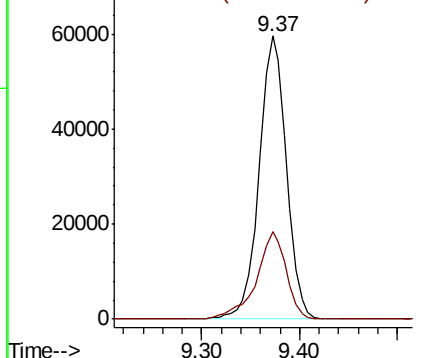
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.943 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

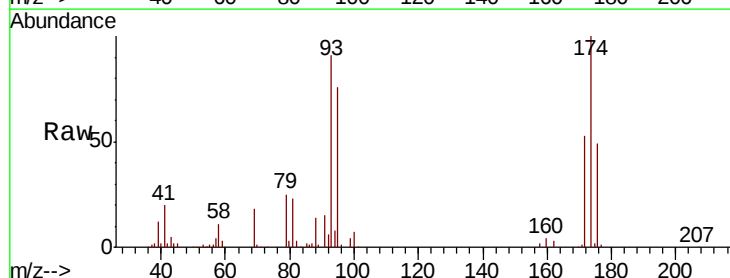
Tgt Ion: 93 Resp: 59925

Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

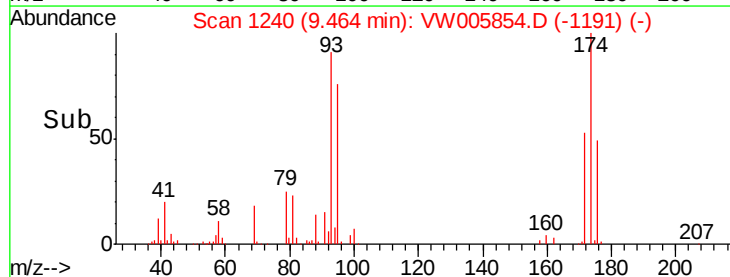
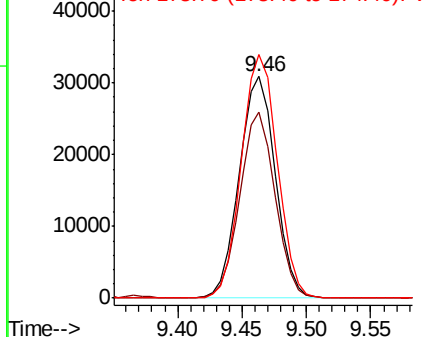
174 109.3 88.4 132.6

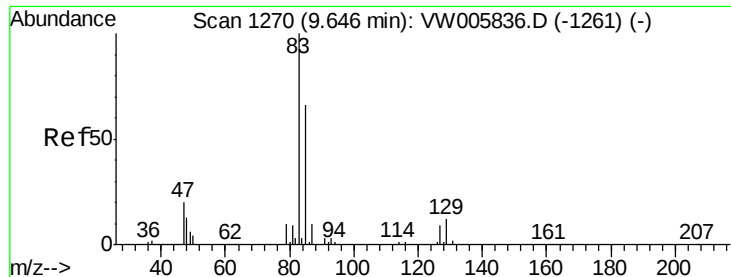


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





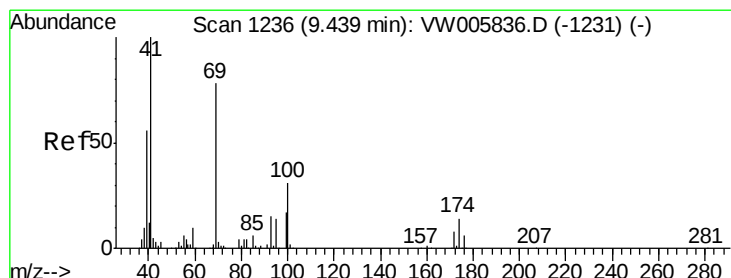
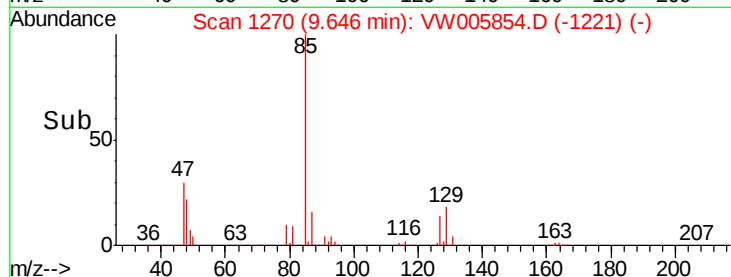
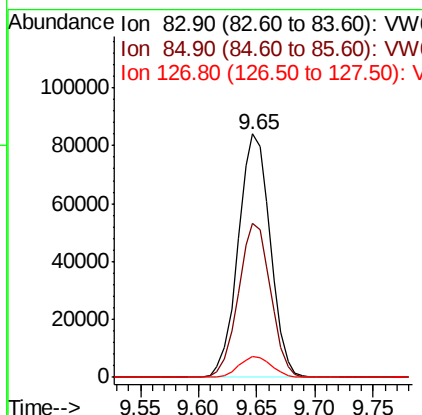
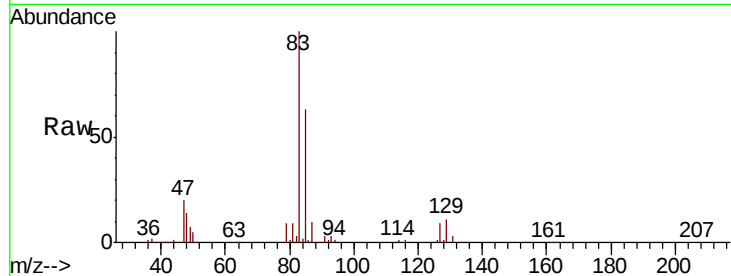
#47
 Bromodichloromethane
 Concen: 50.819 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.6	78.8
127	8.6	7.4	11.0

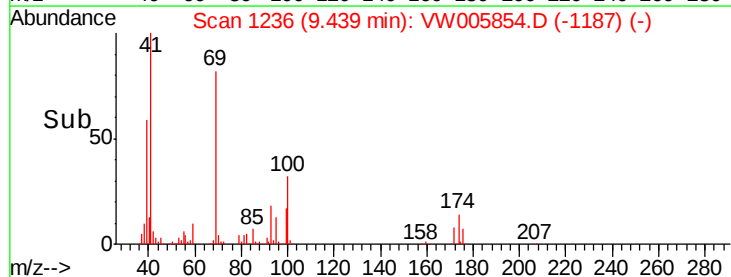
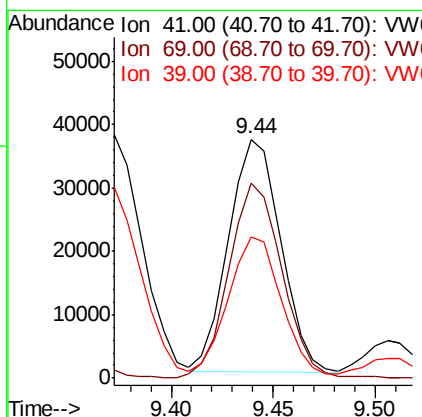
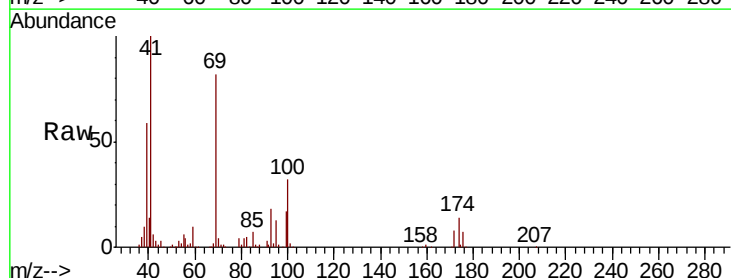
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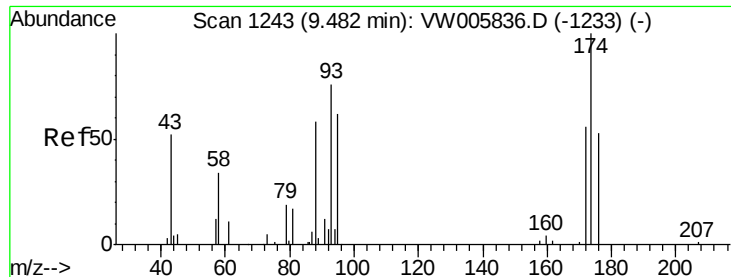
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#48
 Methyl methacrylate
 Concen: 51.230 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.4	66.4	99.6
39	62.5	50.1	75.1





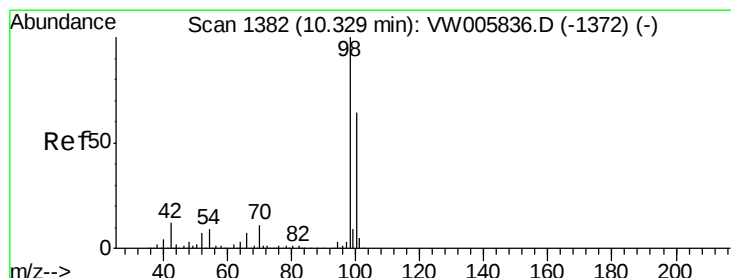
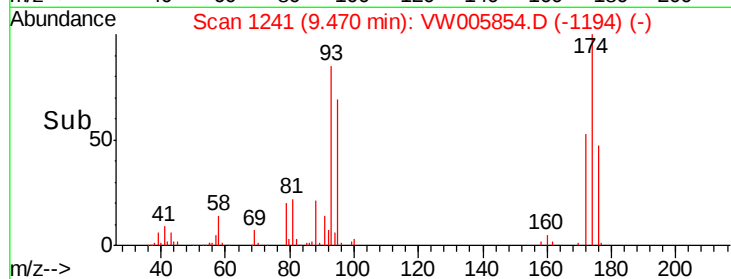
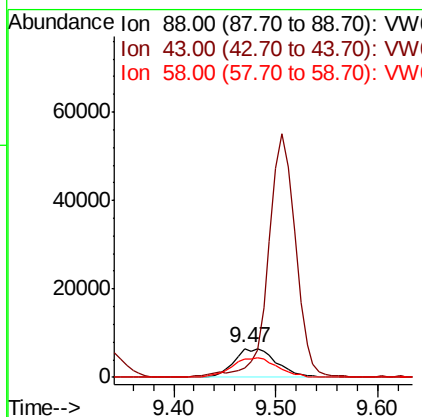
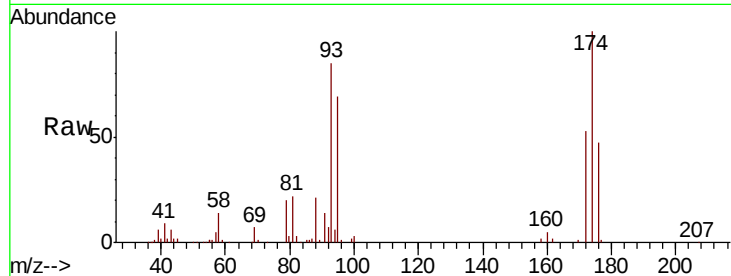
#49
1,4-Dioxane
Concen: 989.102 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	18543
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.9	58.1	87.1

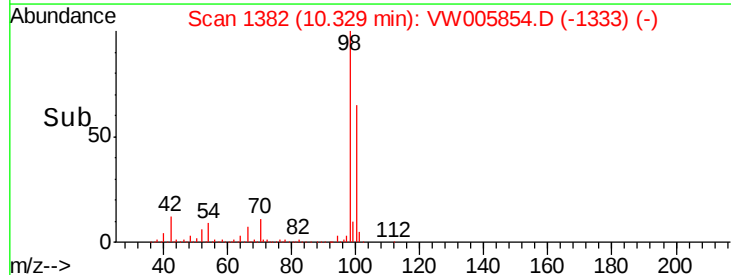
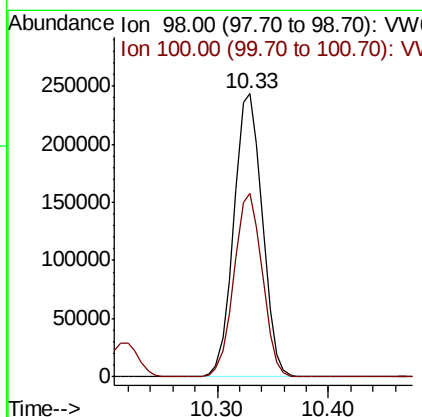
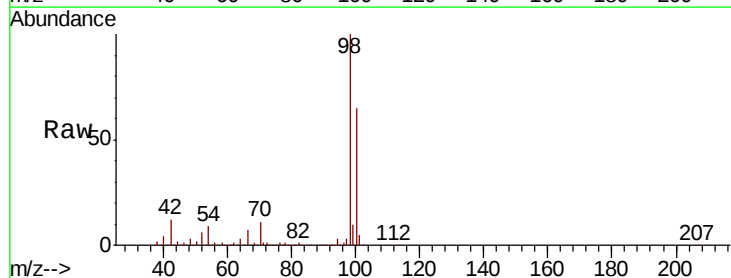
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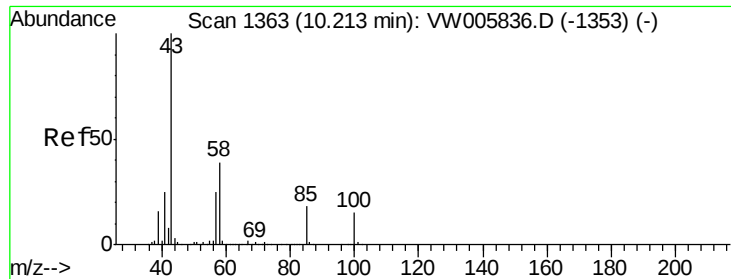
apatel
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#50
Toluene-d8
Concen: 51.470 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	98	Resp	430806
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 241.012 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 329738

Ion Ratio Lower Upper

43 100

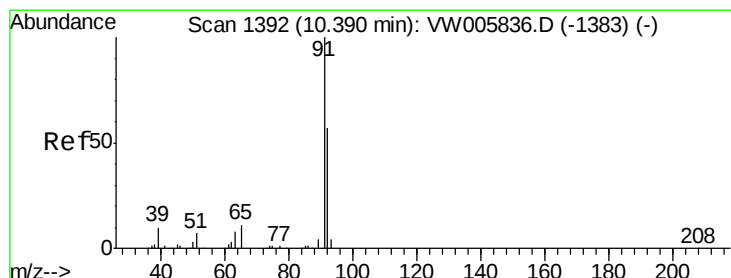
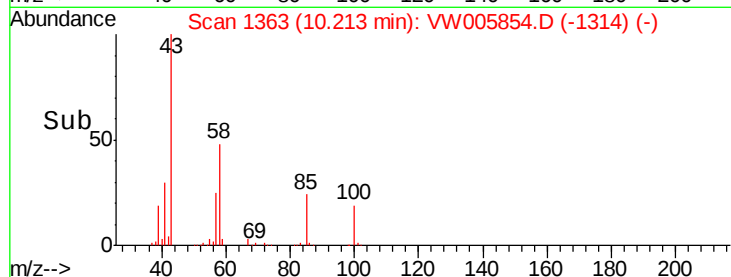
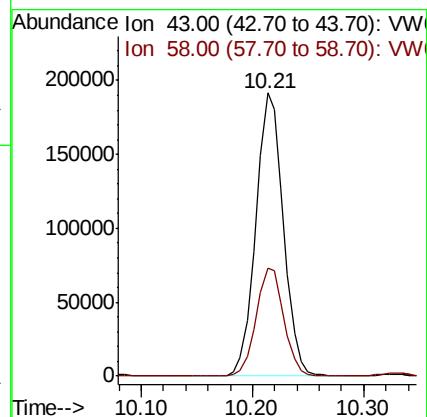
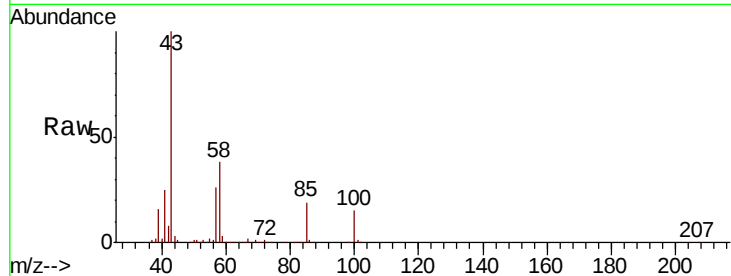
58 38.4 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 52.835 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW005854.D

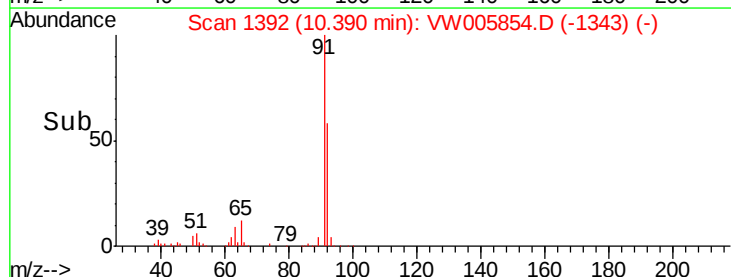
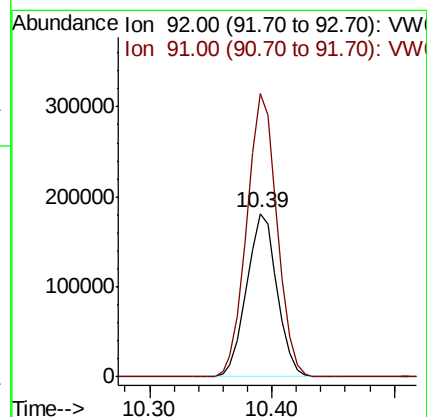
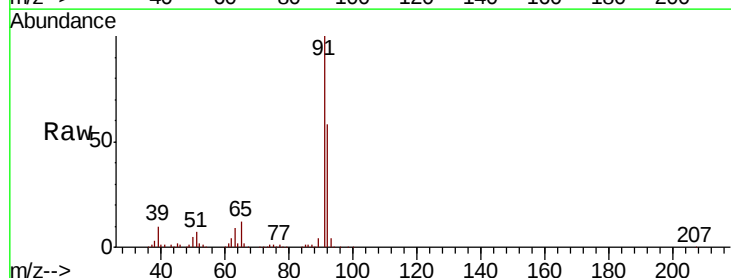
Acq: 04 Oct 2018 13:07

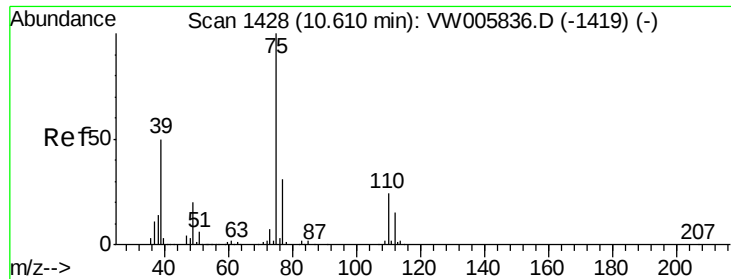
Tgt Ion: 92 Resp: 311992

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.4





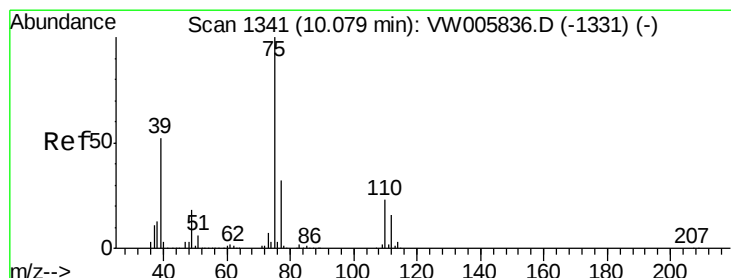
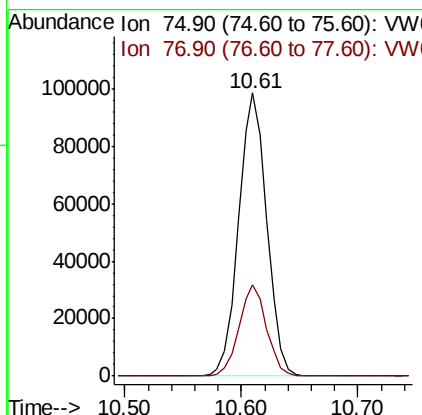
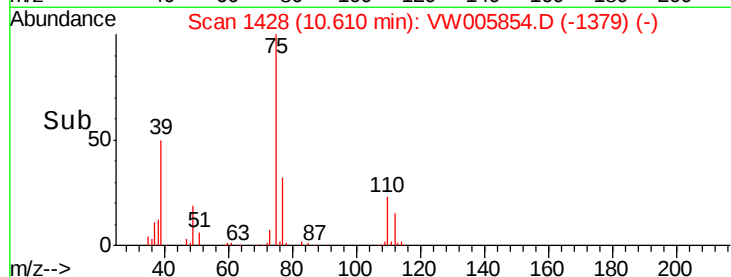
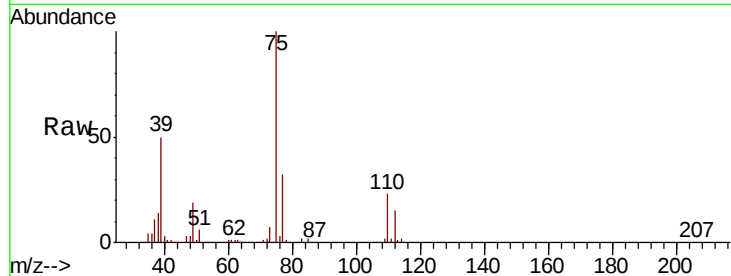
#53
t-1,3-Dichloropropene
Concen: 53.350 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 165418
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

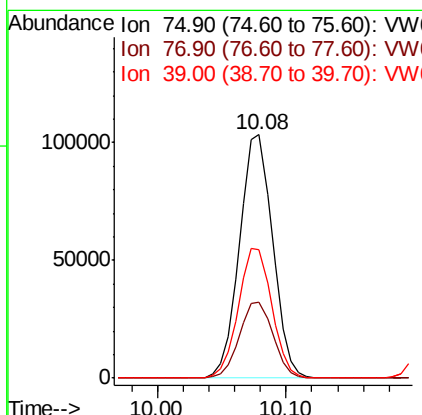
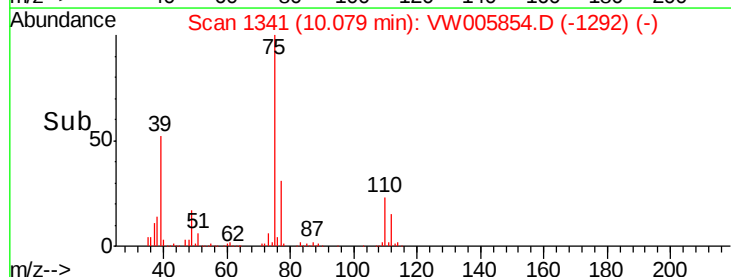
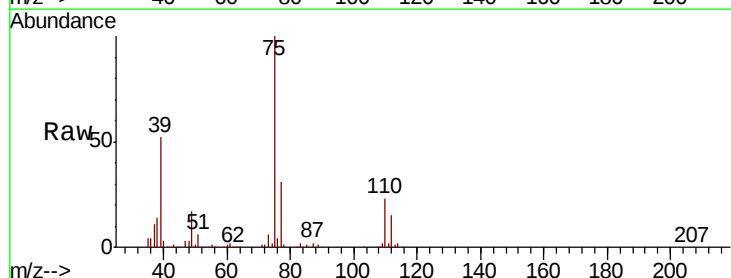
Manual Integrations
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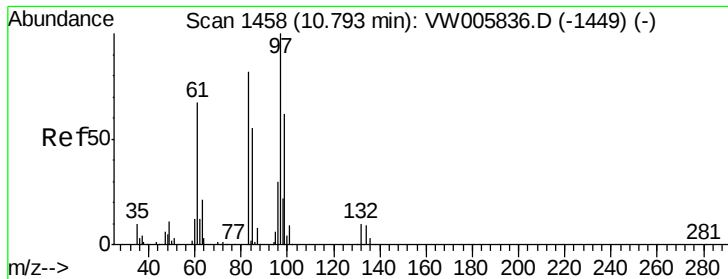
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#54
cis-1,3-Dichloropropene
Concen: 53.091 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion: 75 Resp: 184303
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2
39 52.5 41.9 62.9





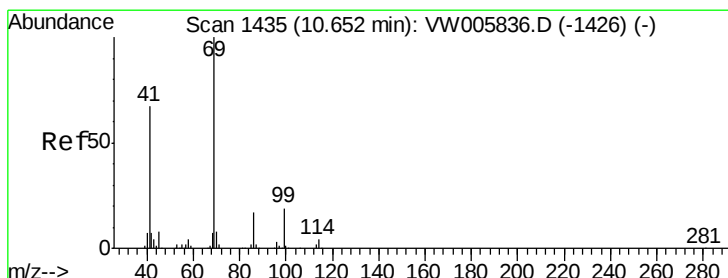
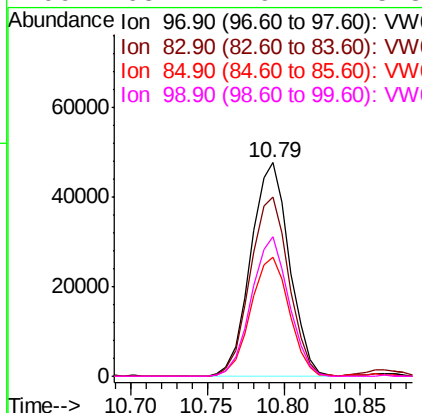
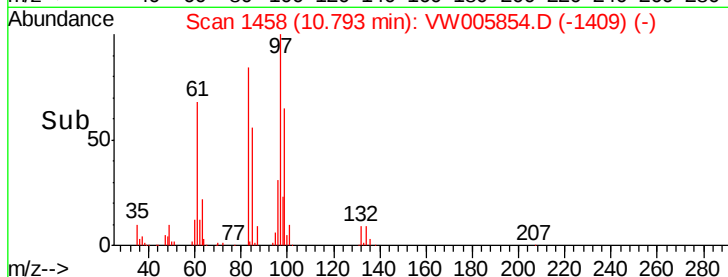
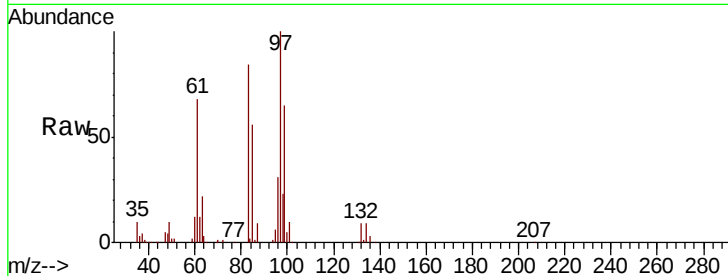
#55
 1,1,2-Trichloroethane
 Concen: 48.452 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	83987
Ion Ratio	Lower	Upper	
97	100		
83	83.8	65.9	98.9
85	55.9	44.2	66.2
99	65.4	49.2	73.8

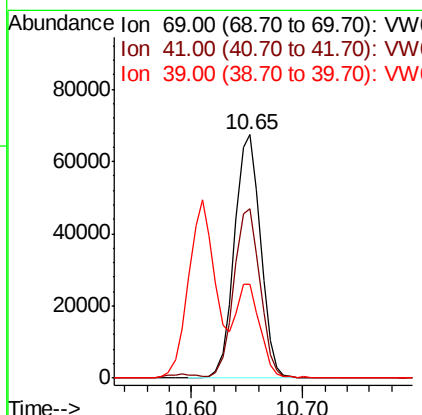
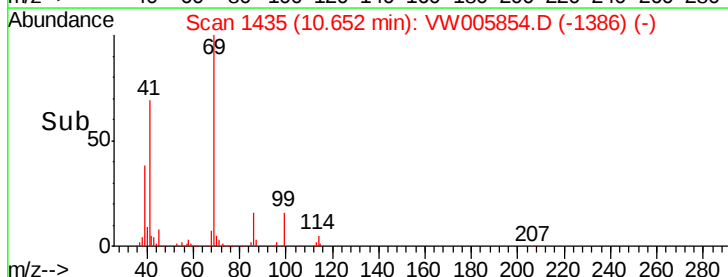
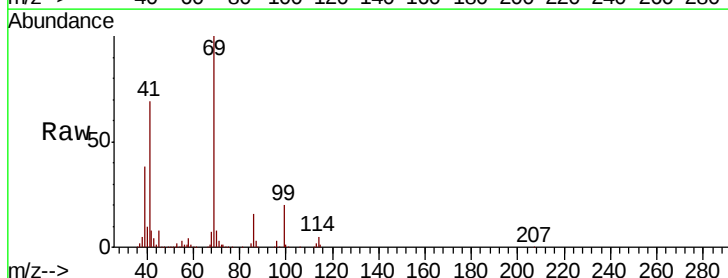
Manual Integrations
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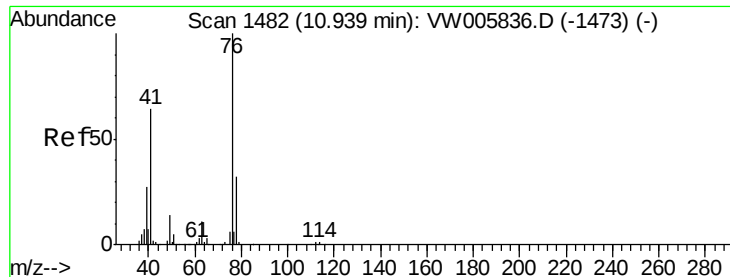
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#56
 Ethyl methacrylate
 Concen: 52.742 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	69	Resp	109491
Ion Ratio	Lower	Upper	
69	100		
41	69.8	55.8	83.6
39	34.7	29.3	43.9





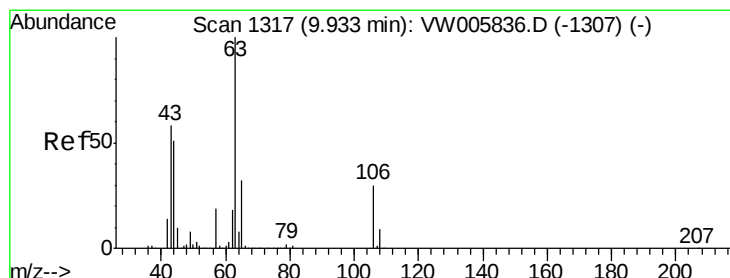
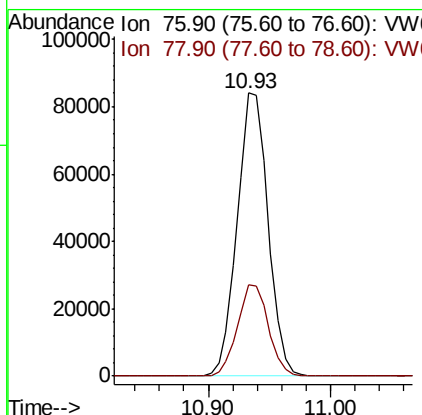
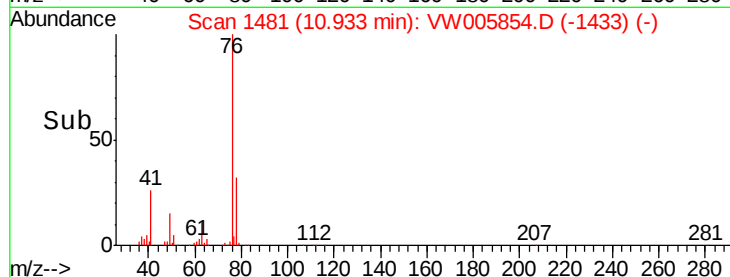
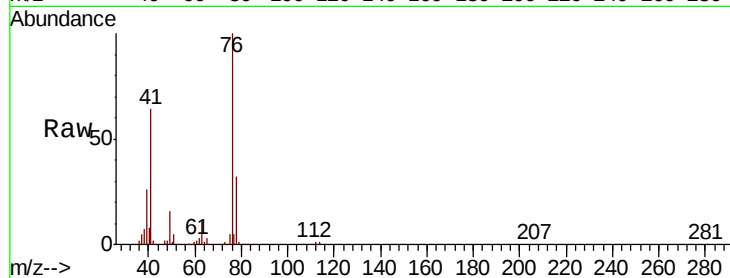
#57
 1,3-Dichloropropane
 Concen: 49.772 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 146879
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.4 38.0

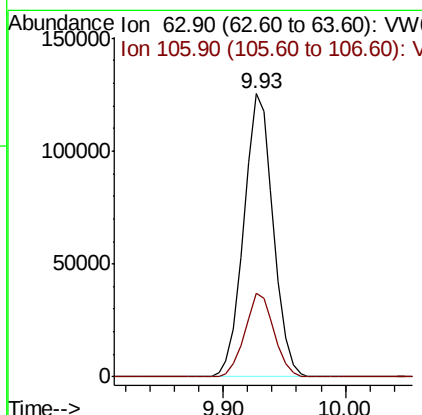
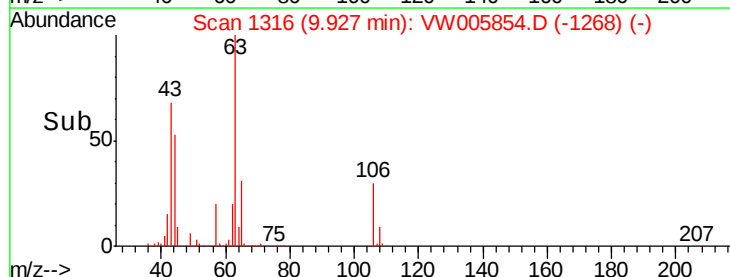
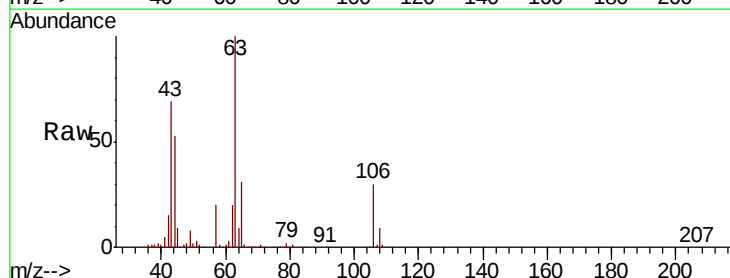
Manual Integrations
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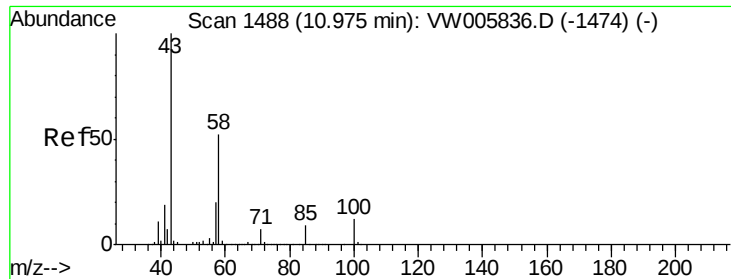
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.310 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion: 63 Resp: 208507
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.7 35.5





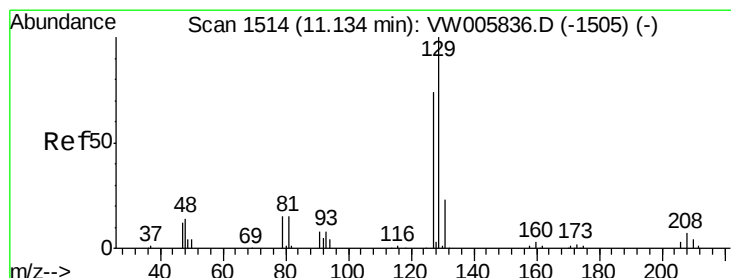
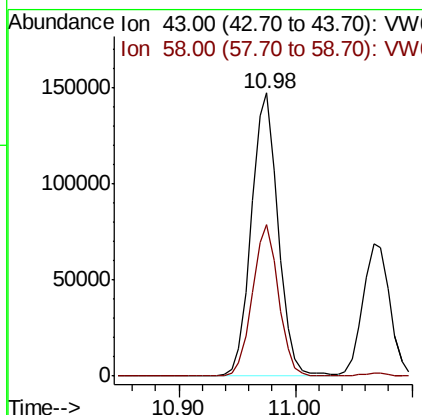
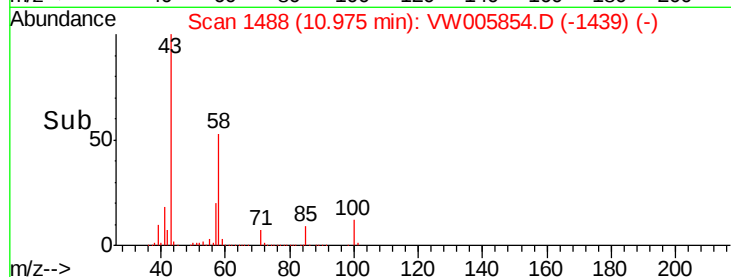
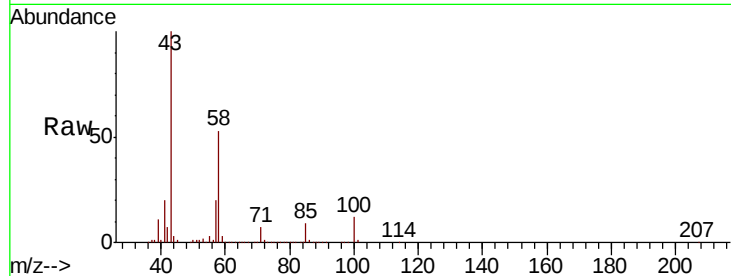
#59
2-Hexanone
Concen: 258.357 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 236418
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7

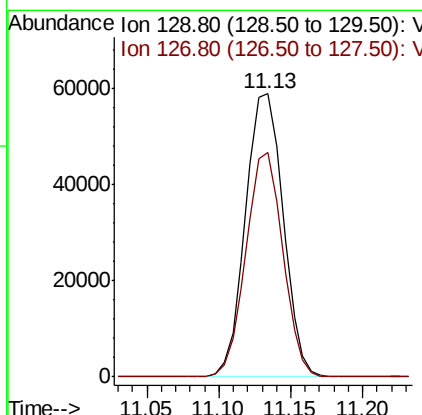
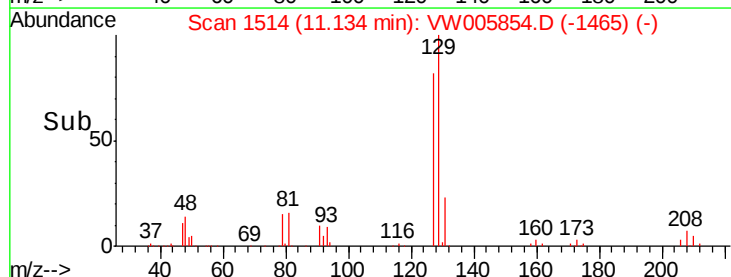
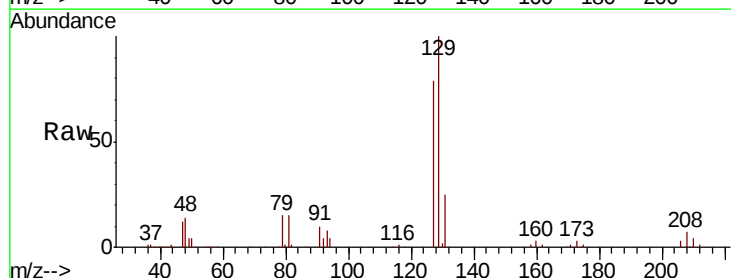
Manual Integrations
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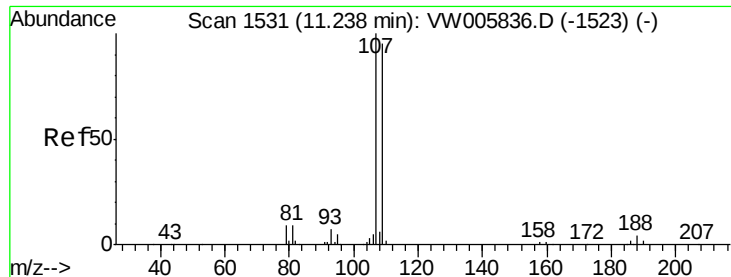
apatel
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#60
Dibromochloromethane
Concen: 49.431 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion: 129 Resp: 106963
Ion Ratio Lower Upper
129 100
127 77.5 37.2 111.6





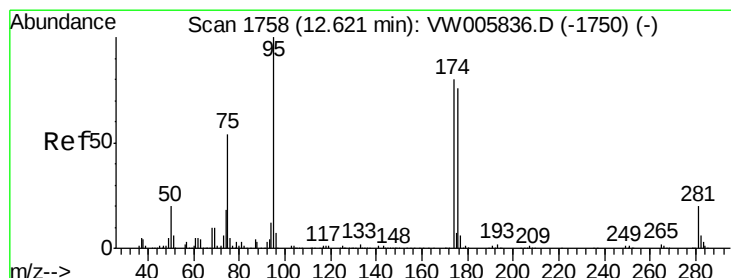
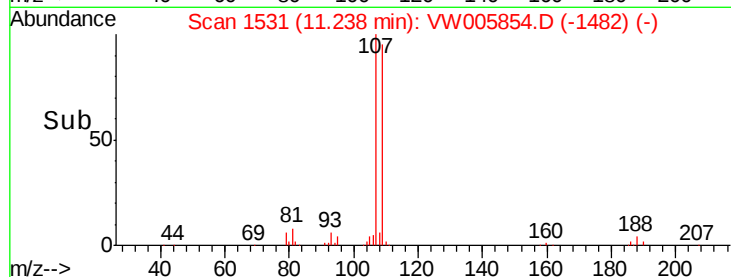
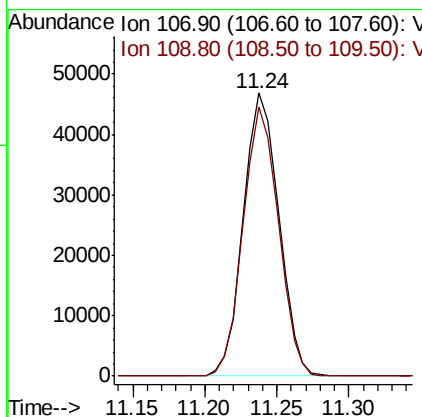
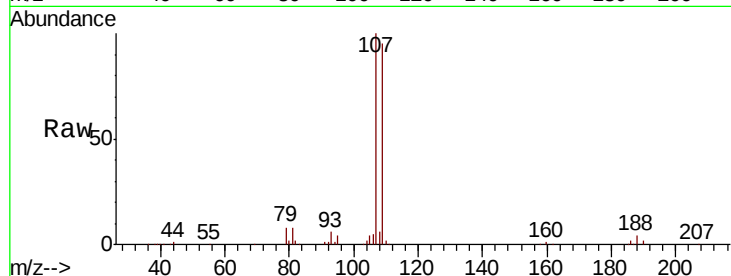
#61
 1,2-Dibromoethane
 Concen: 49.818 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.6	114.8

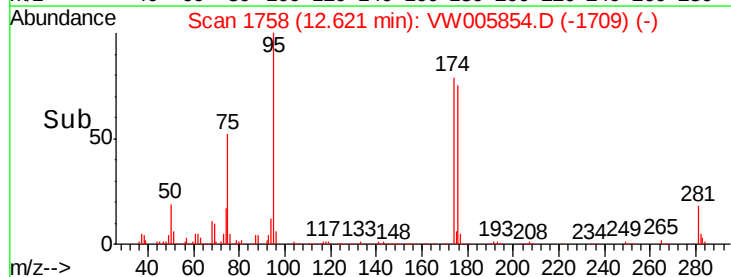
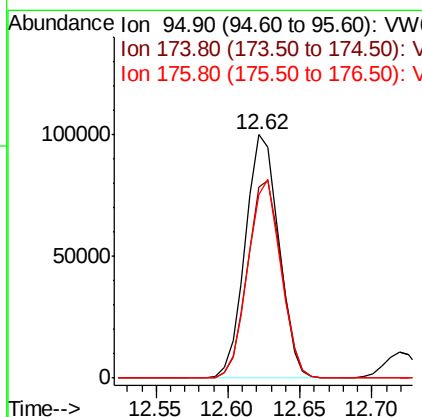
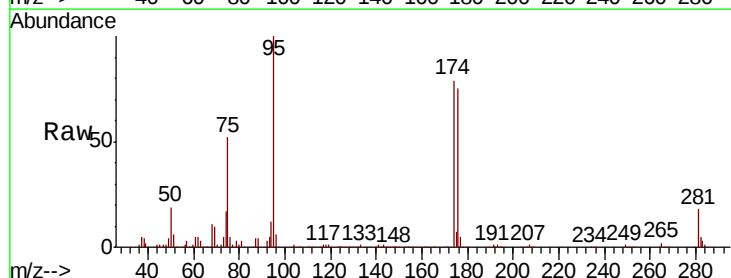
Manual Integrations
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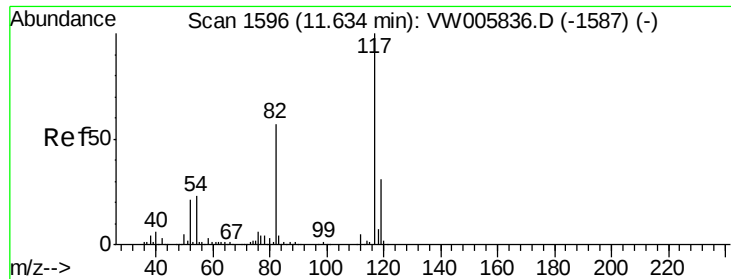
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.959 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	169.0
176	80.0	0.0	164.2





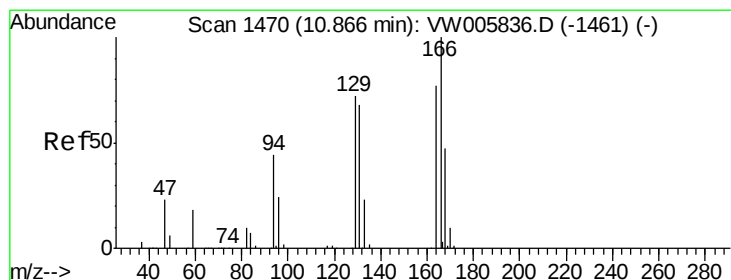
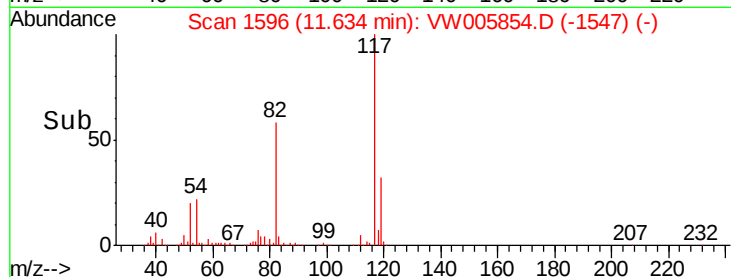
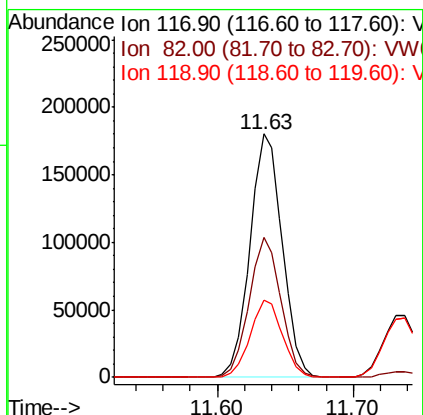
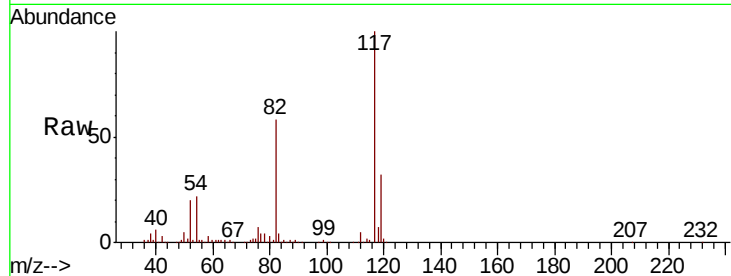
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.6	68.4
119	31.6	25.0	37.6

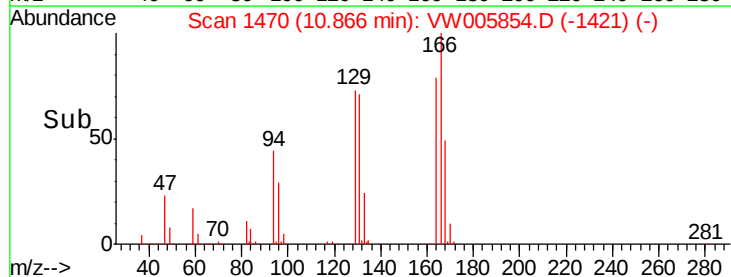
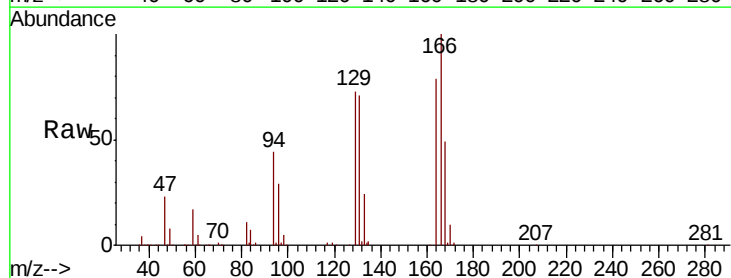
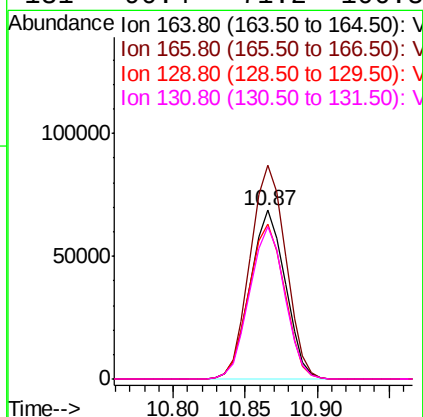
Manual Integrations
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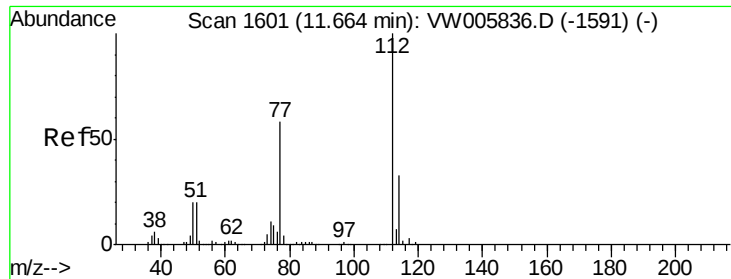
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#64
Tetrachloroethene
Concen: 49.714 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	104.0	156.0
129	92.2	74.8	112.2
131	90.4	71.2	106.8





#65

Chlorobenzene

Concen: 51.582 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 338214

Ion Ratio Lower Upper

112 100

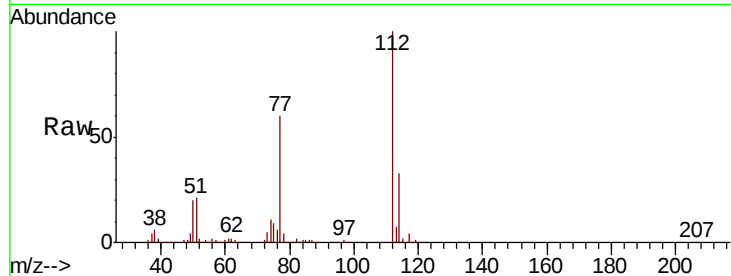
114 32.7 26.1 39.1

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

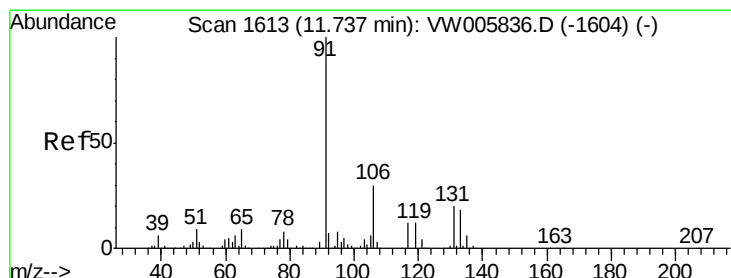
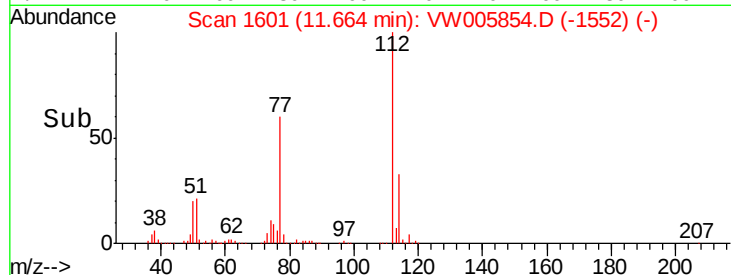
100000

50000

0

11.60 11.65 11.70

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.908 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

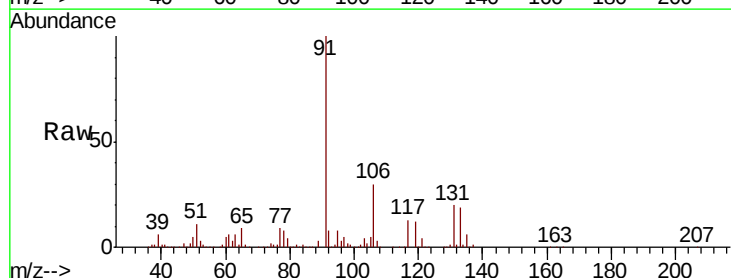
Tgt Ion:131 Resp: 123723

Ion Ratio Lower Upper

131 100

133 94.2 47.0 141.0

119 62.2 30.4 91.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

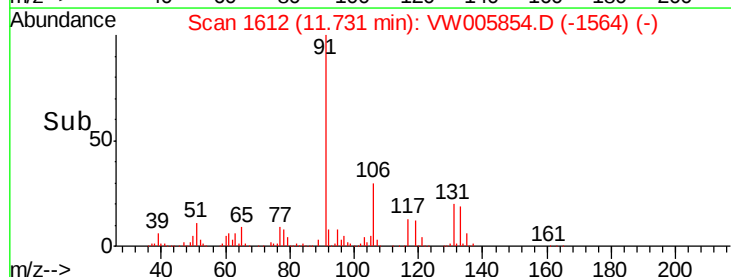
40000

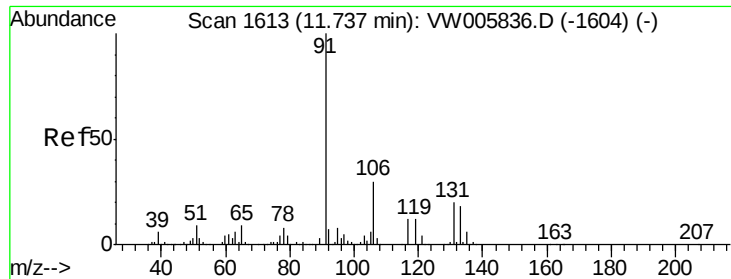
20000

0

11.70 11.73 11.80

Time-->





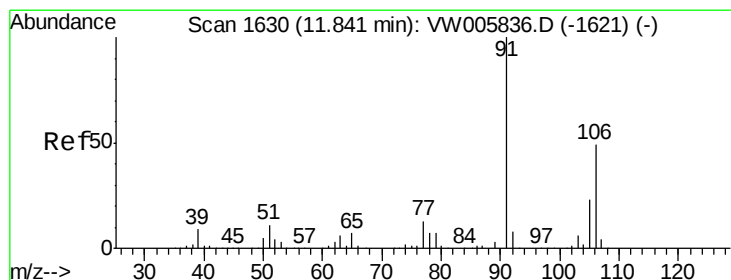
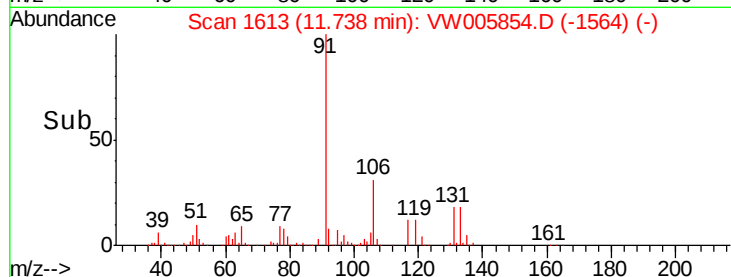
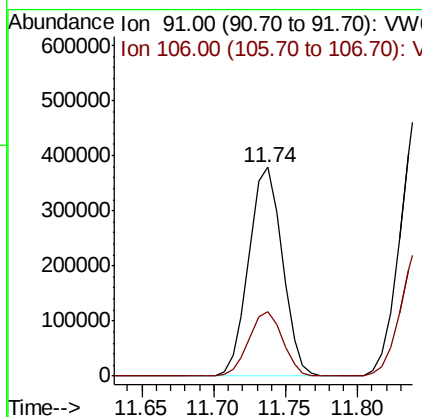
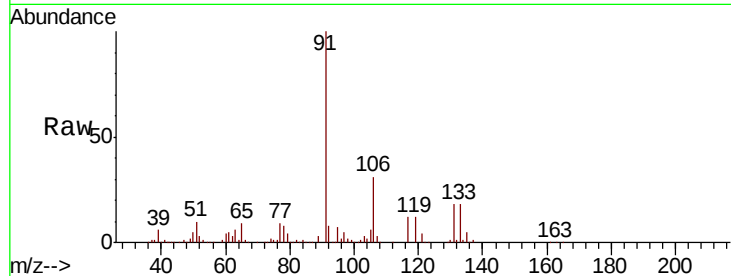
#67
Ethyl Benzene
Concen: 54.591 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 612909
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

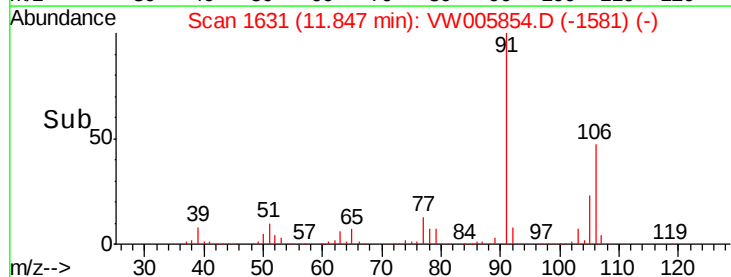
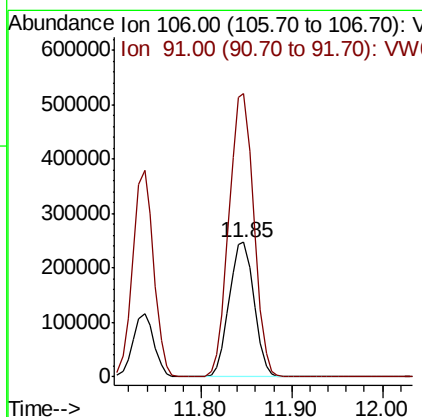
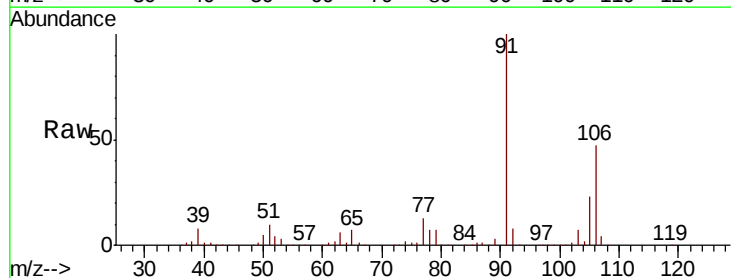
Manual Integrations
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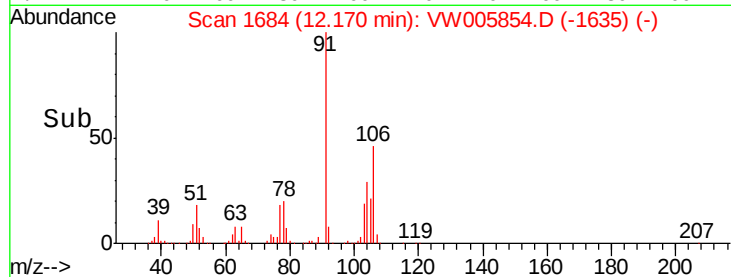
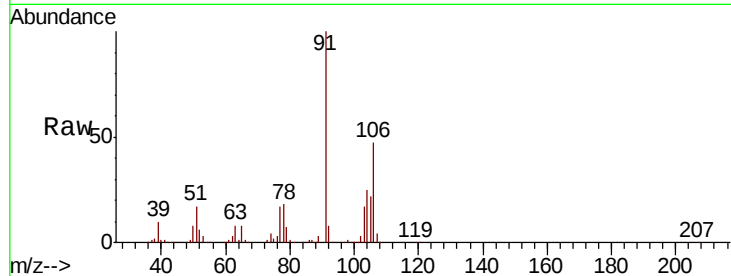
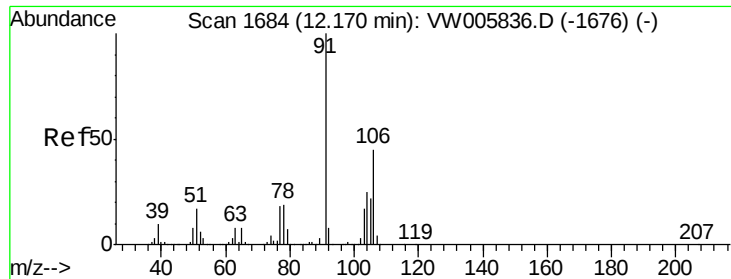
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#68
m/p-Xylenes
Concen: 109.374 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion: 106 Resp: 473185
Ion Ratio Lower Upper
106 100
91 209.6 165.4 248.0





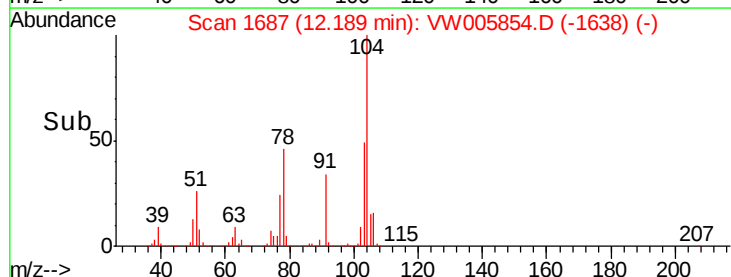
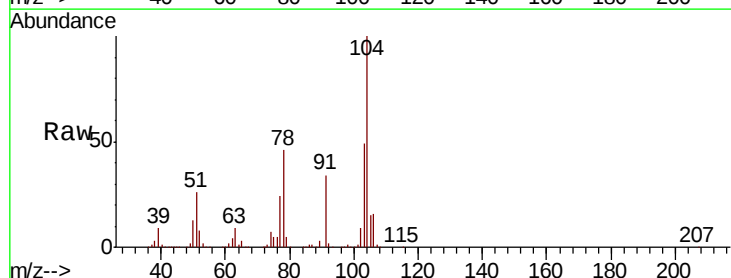
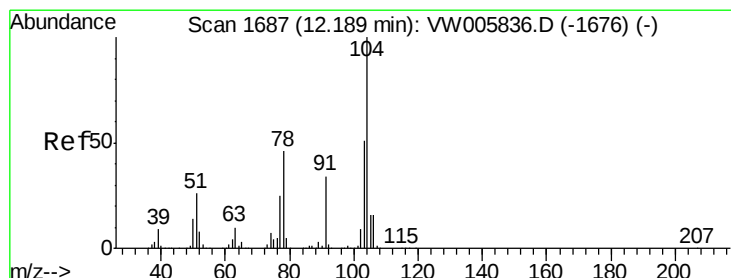
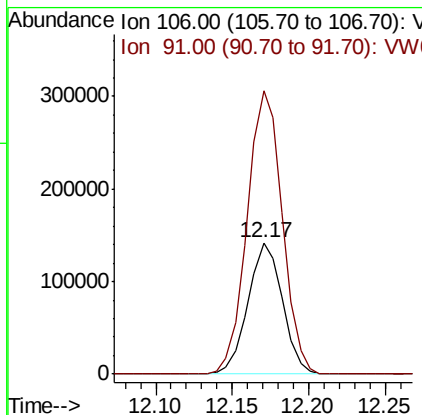
#69
o-Xylene
Concen: 55.349 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 222572
Ion Ratio Lower Upper
106 100
91 219.7 109.7 329.1

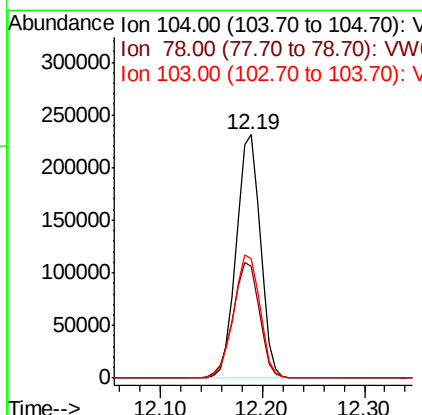
Manual Integrations
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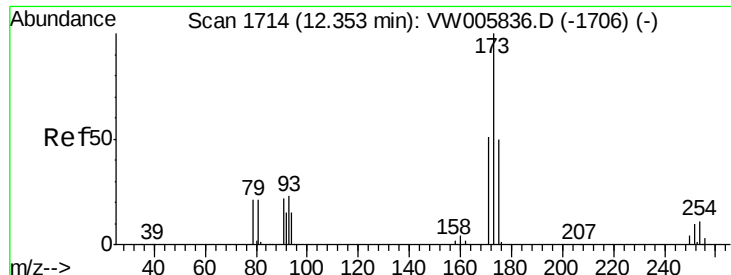
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#70
Styrene
Concen: 55.149 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion:104 Resp: 376165
Ion Ratio Lower Upper
104 100
78 52.2 42.3 63.5
103 55.3 44.9 67.3





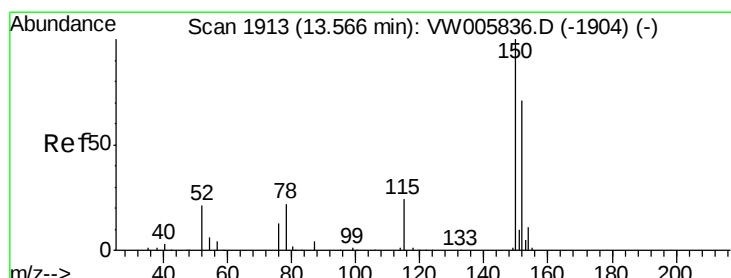
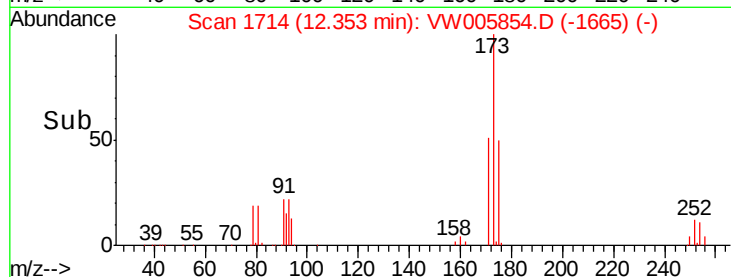
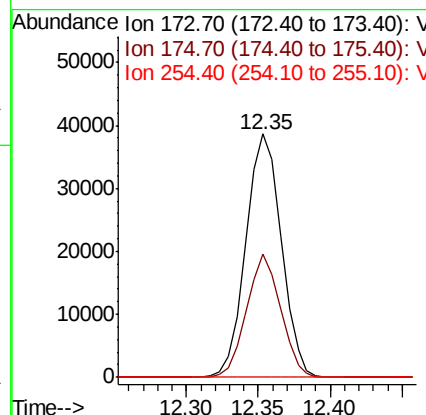
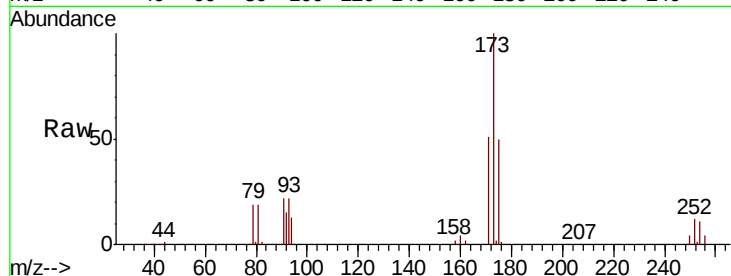
#71
Bromoform
Concen: 49.193 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.9
254	0.1	0.1	0.1

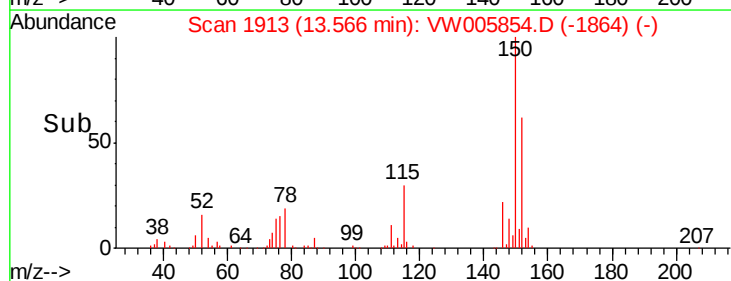
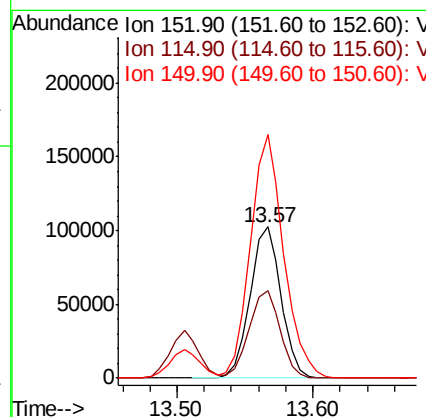
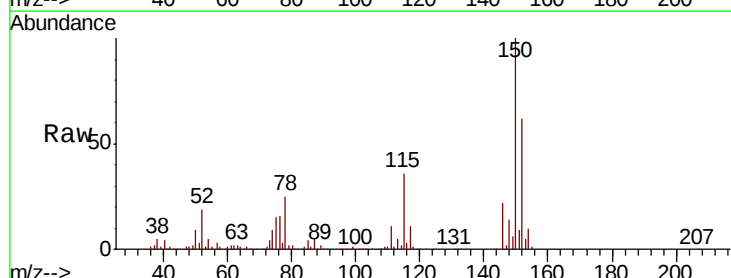
Manual Integrations
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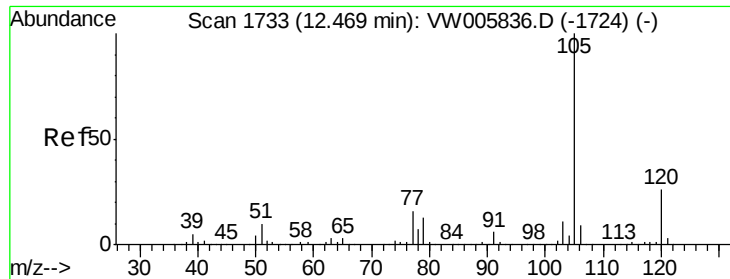
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.8	89.4
150	174.6	0.0	349.4





#73

Isopropylbenzene

Concen: 56.769 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 634506

Ion Ratio Lower Upper

105 100

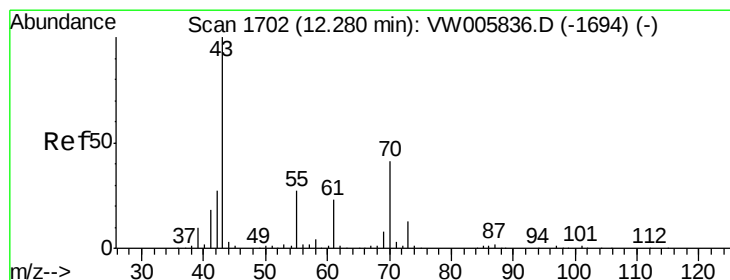
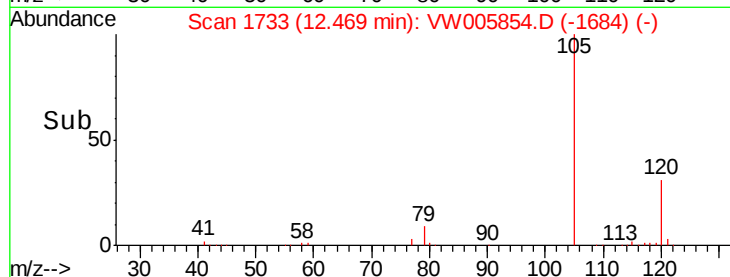
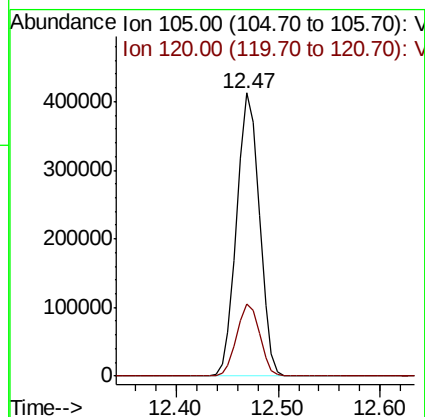
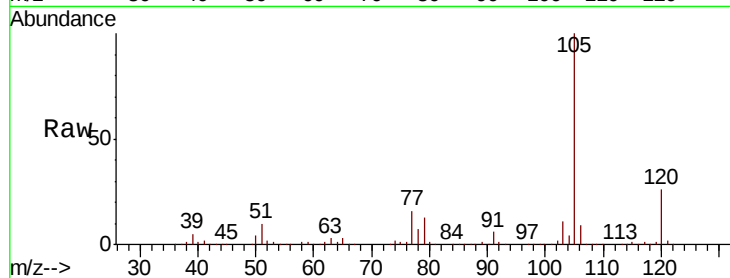
120 25.9 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 52.200 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Tgt Ion: 43 Resp: 126972

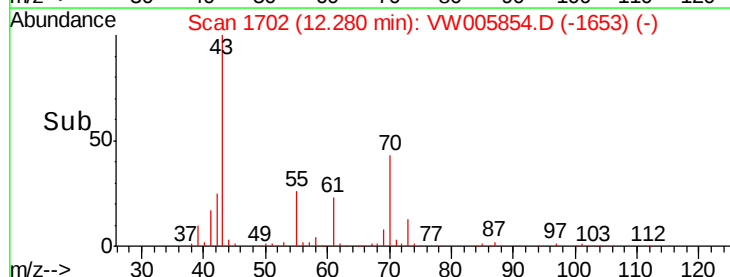
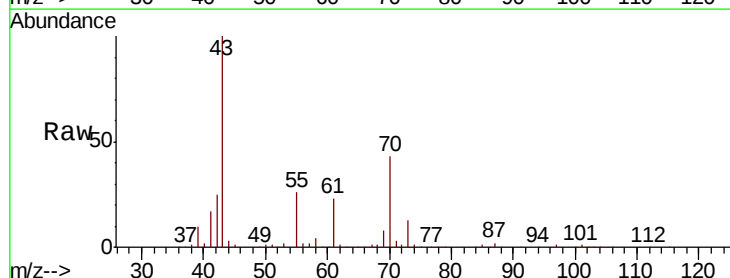
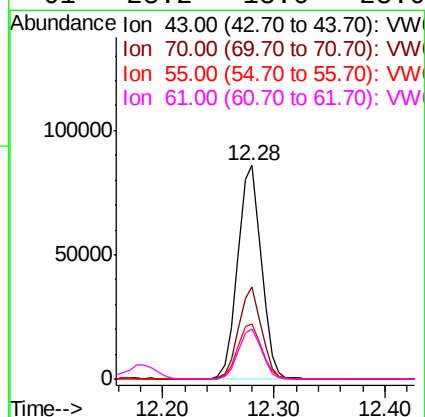
Ion Ratio Lower Upper

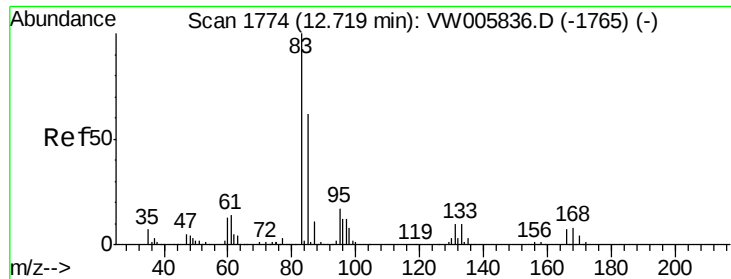
43 100

70 41.5 33.6 50.4

55 26.3 21.8 32.6

61 23.2 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.315 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

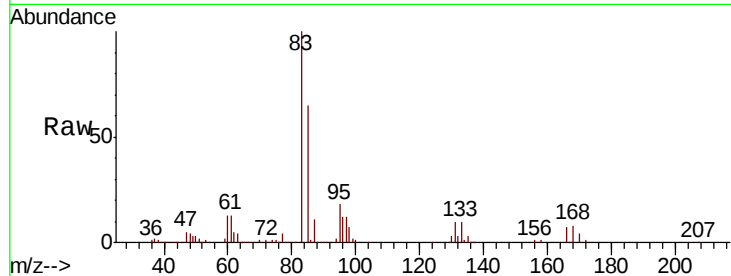
ClientSampleId :

VSTDCCC050EC

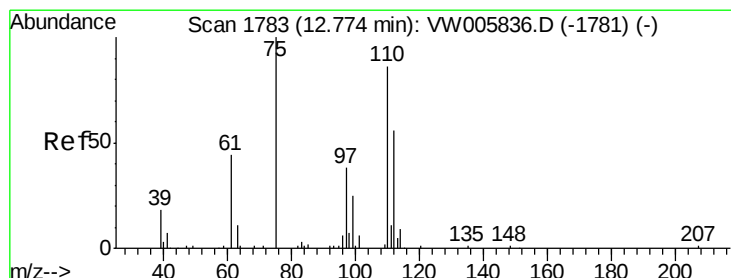
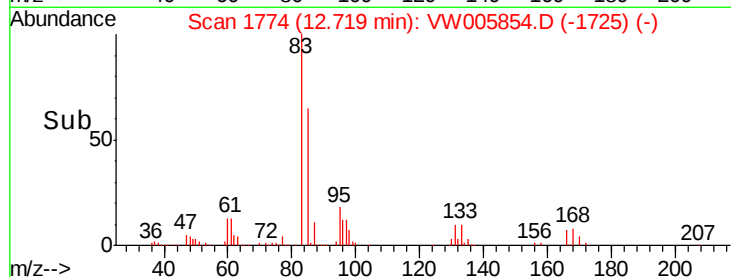
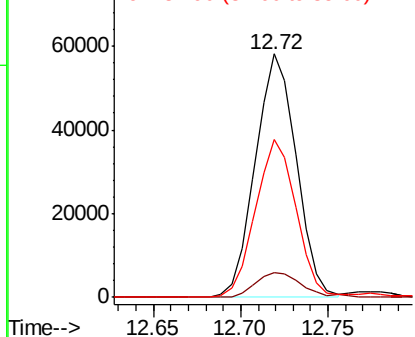
Tot Ion:	83	Resp:	94573
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.6
85	64.3	31.8	95.3

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 44.928 ug/l m

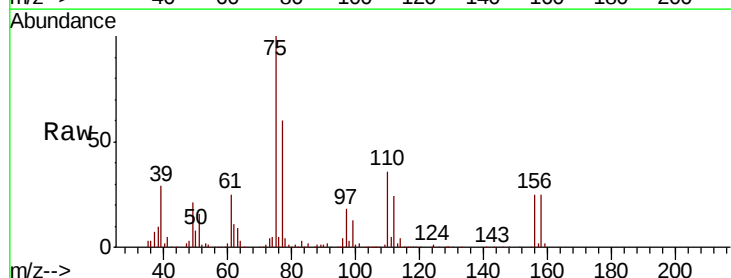
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

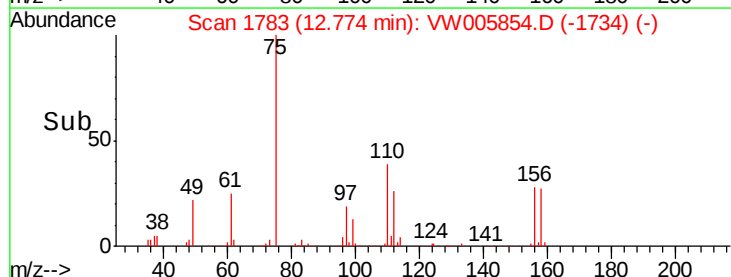
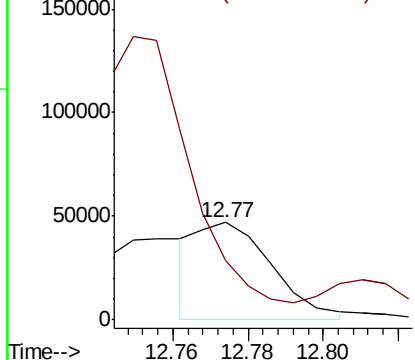
Lab File: VW005854.D

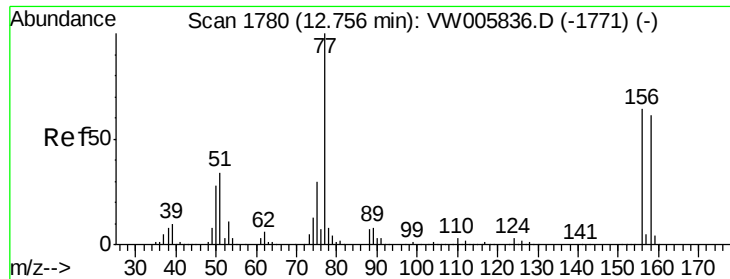
Acq: 04 Oct 2018 13:07

Tgt Ion:	75	Resp:	66329
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.337 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

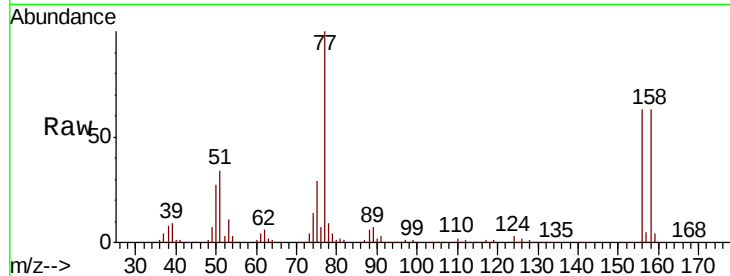
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		144430		
77	177.3	91.0	273.1		
158	97.0	48.4	145.2		

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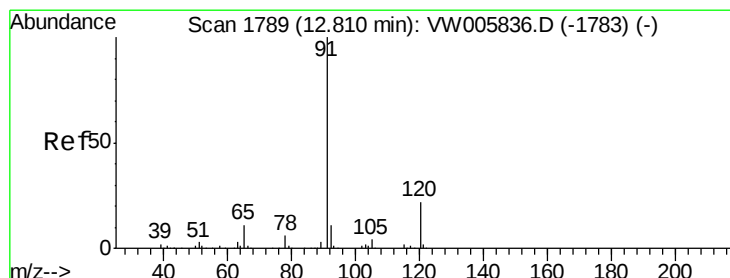
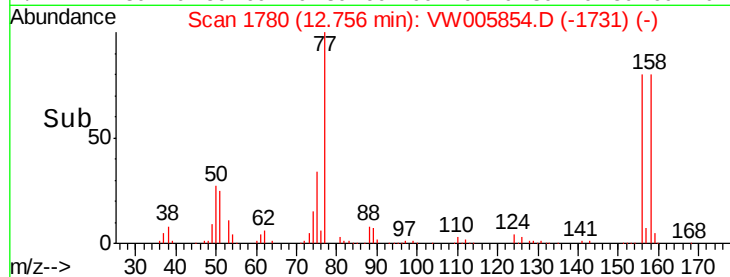
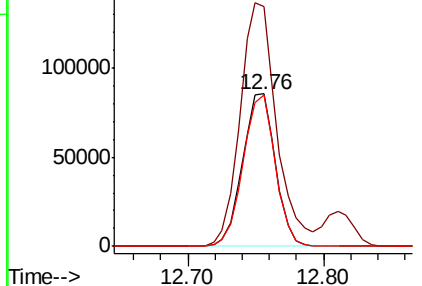
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.137 ug/l

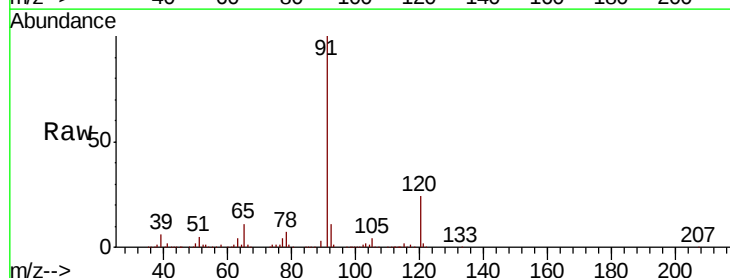
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005854.D

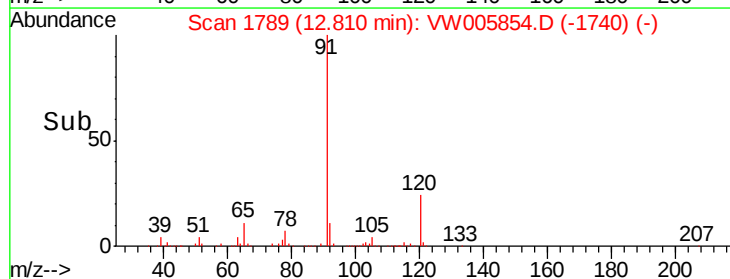
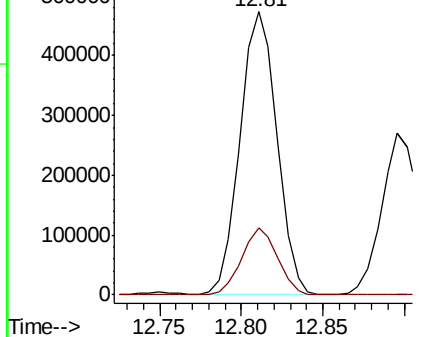
Acq: 04 Oct 2018 13:07

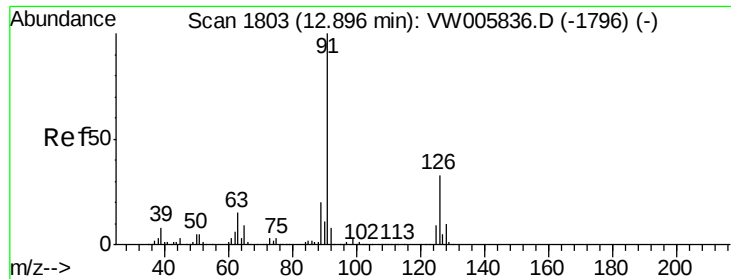
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		746297		
120	23.1	11.3	33.9		



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





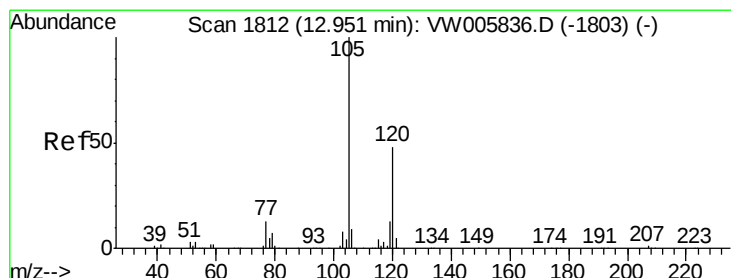
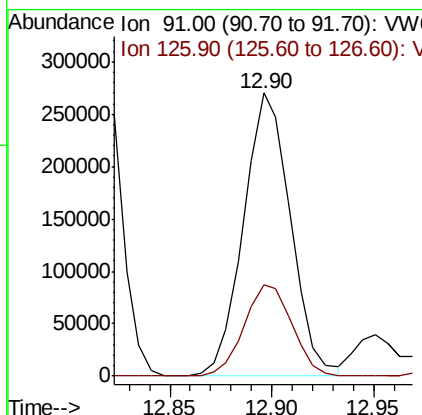
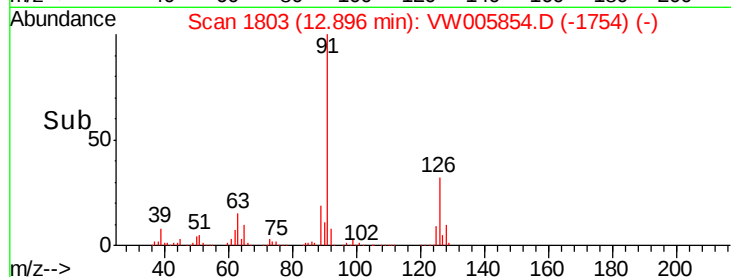
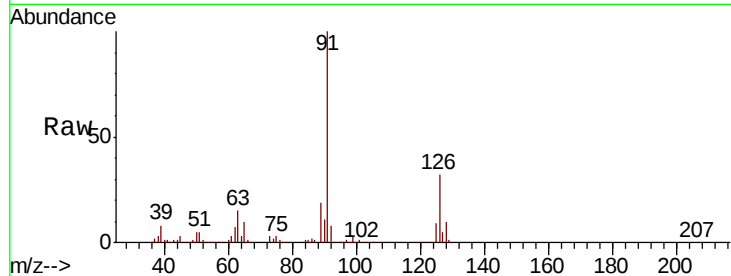
#79
 2-Chlorotoluene
 Concen: 54.735 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 433409
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.6 49.8

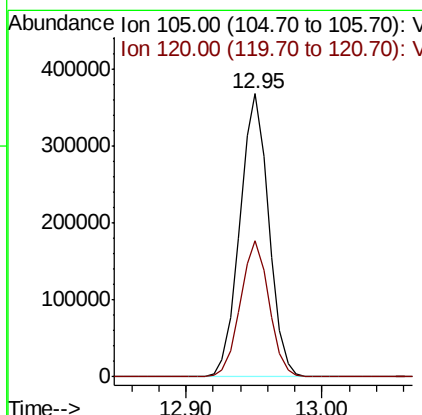
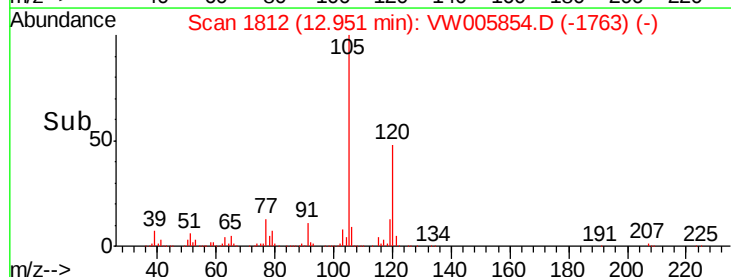
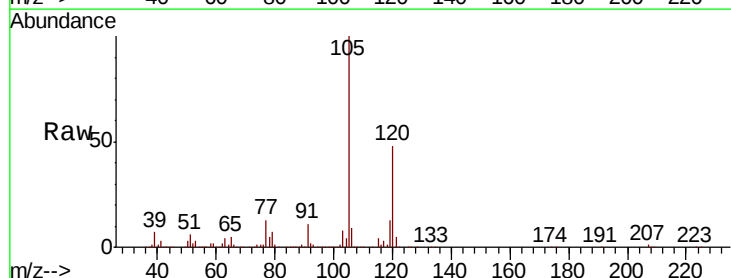
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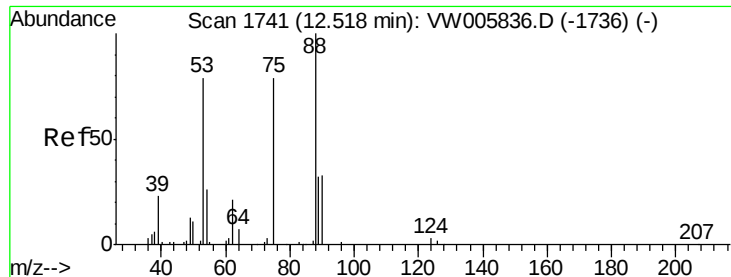
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#80
 1,3,5-Trimethylbenzene
 Concen: 56.120 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion: 105 Resp: 544723
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.113 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

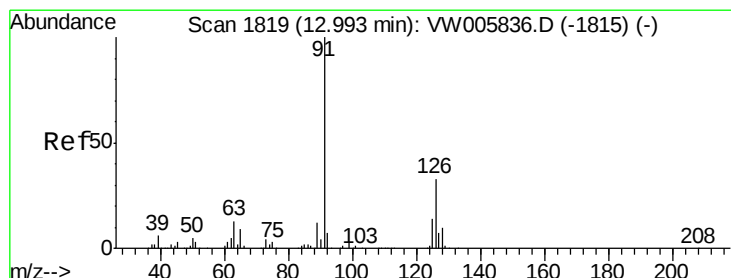
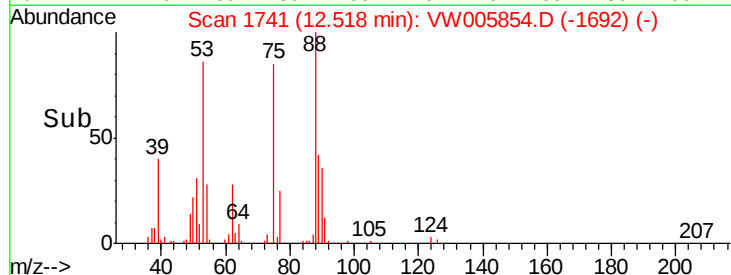
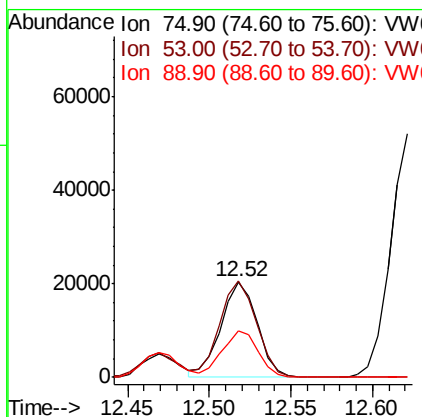
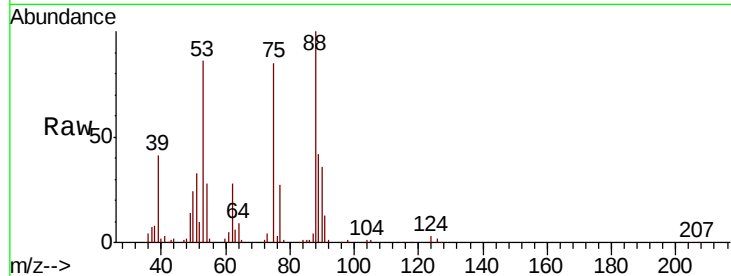
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	31604
Ion	Ratio	Lower	Upper
75	100		
53	102.0	83.7	125.5
89	48.5	37.5	56.3

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#82

4-Chlorotoluene

Concen: 55.284 ug/l

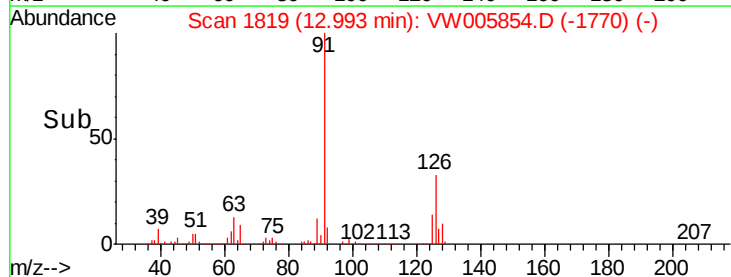
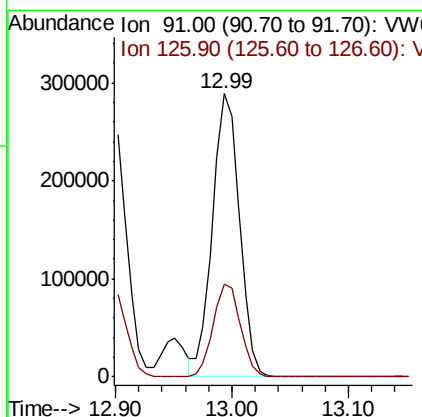
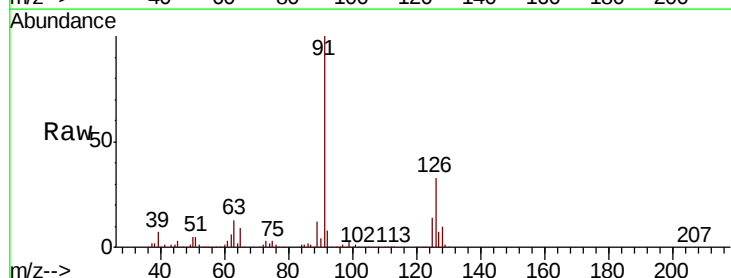
RT: 12.99 min Scan# 1819

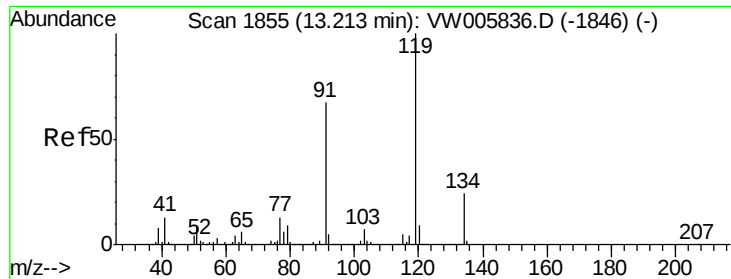
Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Tgt Ion:	91	Resp:	461426
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.7	50.0





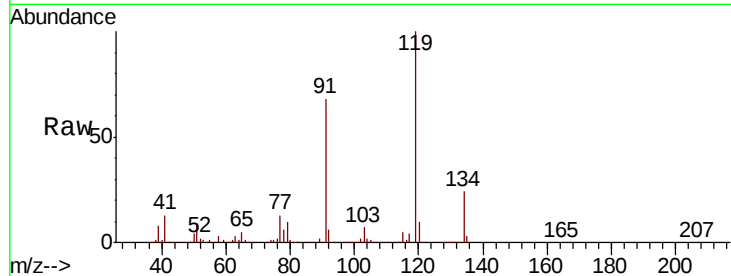
#83
tert-Butylbenzene
Concen: 57.108 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

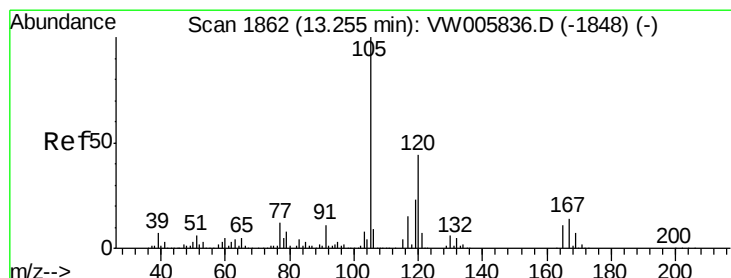
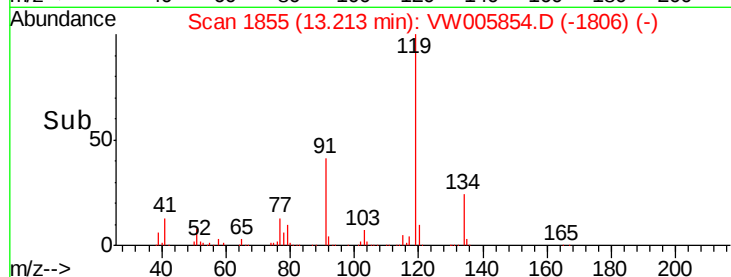
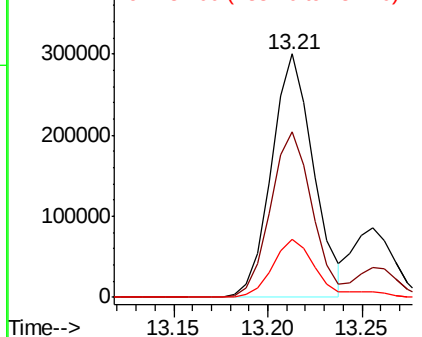
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.4	100.2
134	25.7	12.8	38.3

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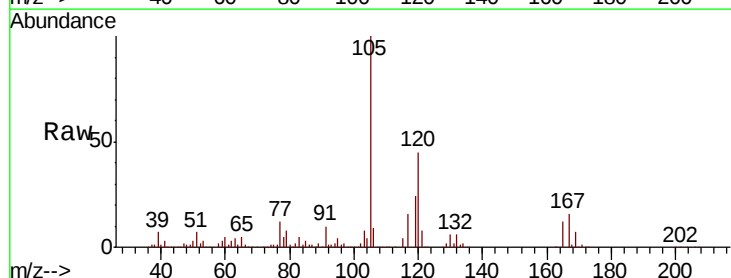


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

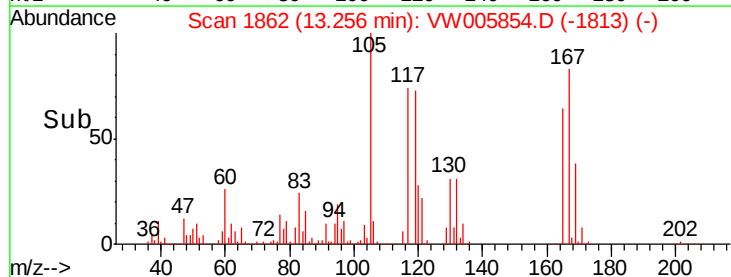
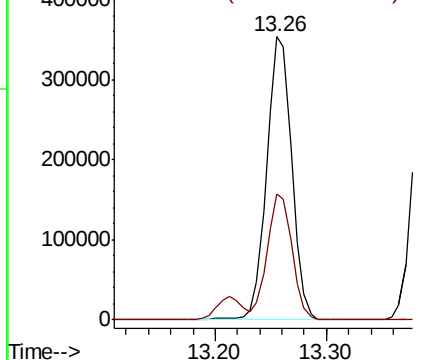


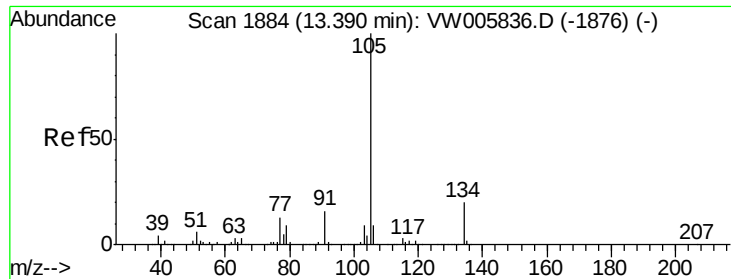
#84
1,2,4-Trimethylbenzene
Concen: 55.805 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.162 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 667933

Ion Ratio Lower Upper

105 100

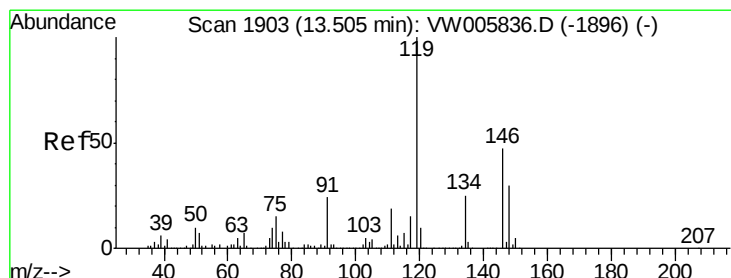
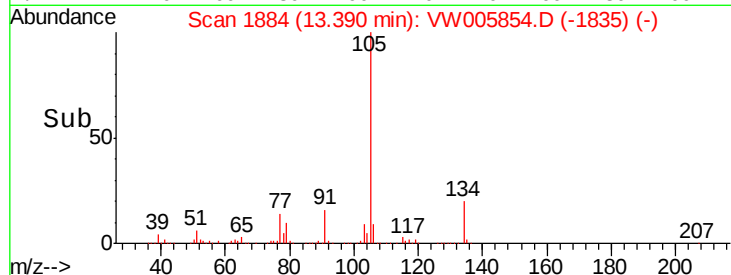
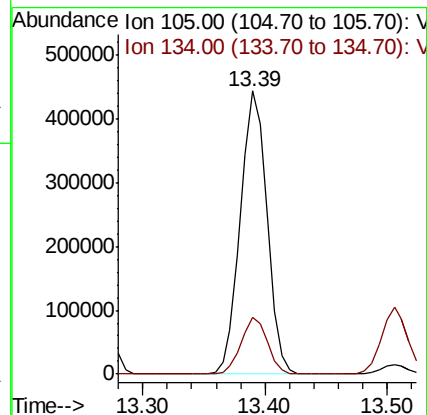
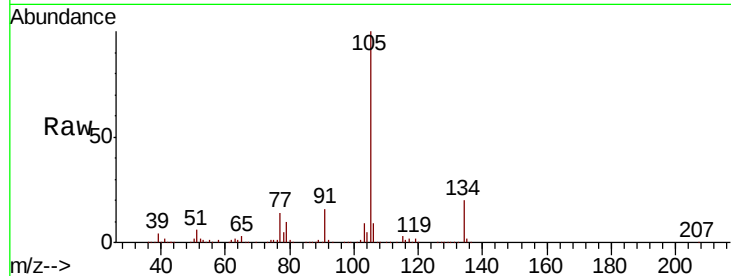
134 19.7 10.0 30.0

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#86

p-Isopropyltoluene

Concen: 57.816 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005854.D

Acq: 04 Oct 2018 13:07

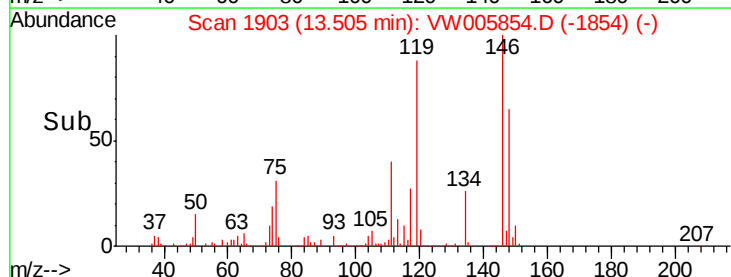
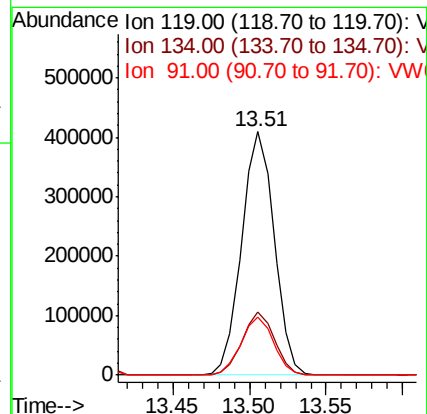
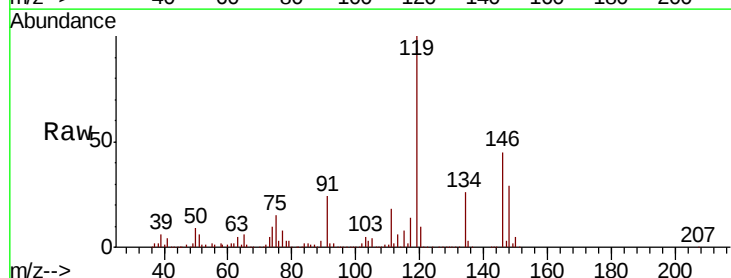
Tgt Ion:119 Resp: 606403

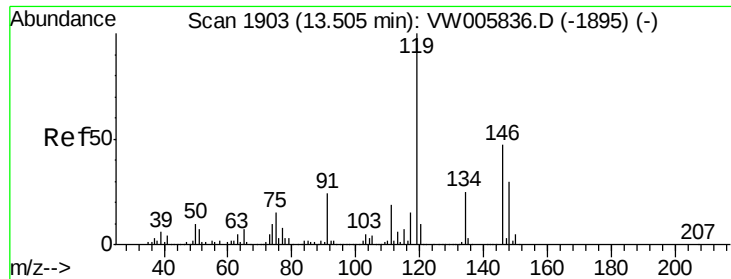
Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.0

91 23.7 11.9 35.9





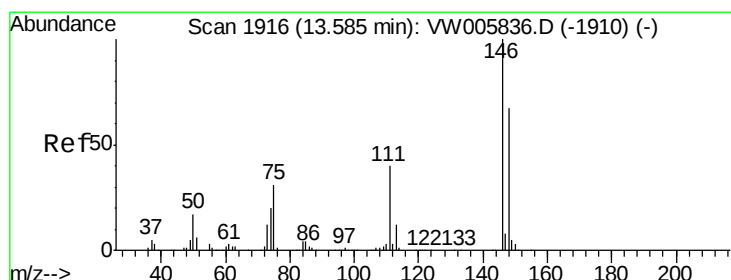
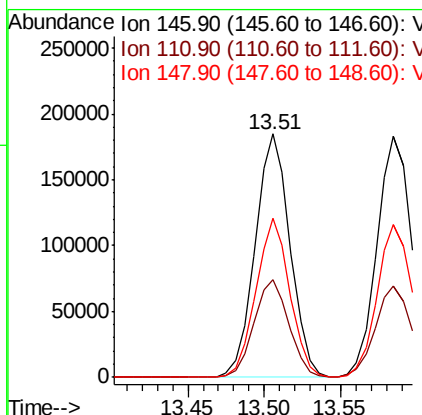
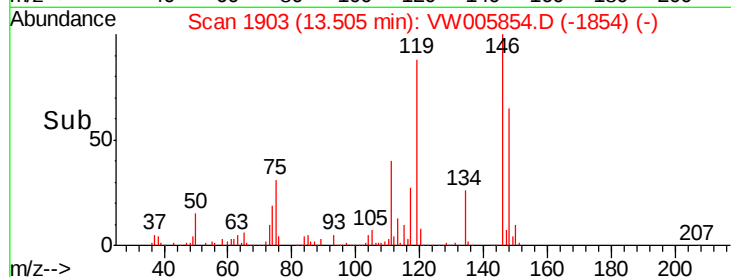
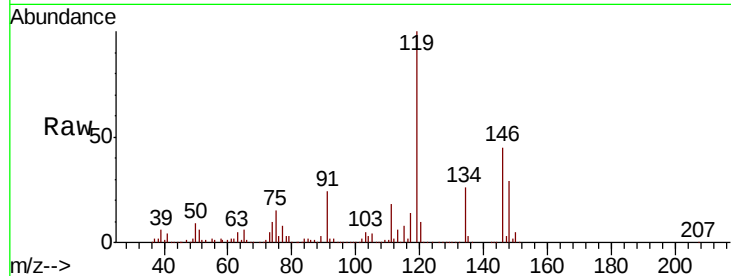
#87
 1,3-Dichlorobenzene
 Concen: 52.507 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292305		
111	40.2	19.9	59.7	
148	63.7	32.0	96.2	

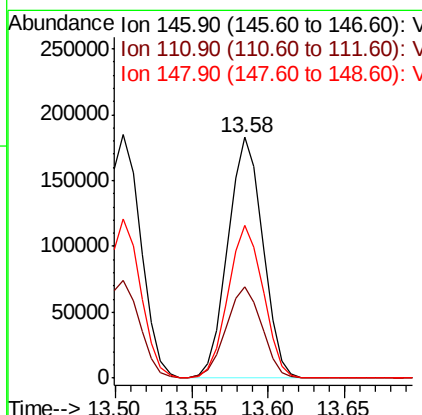
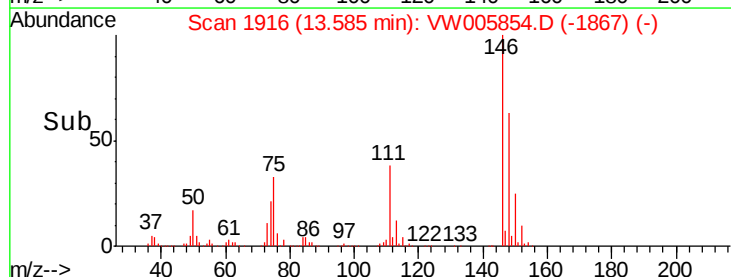
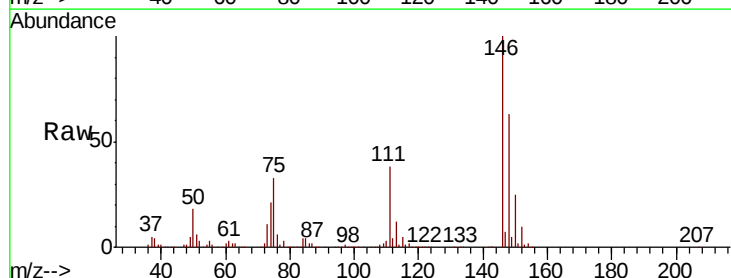
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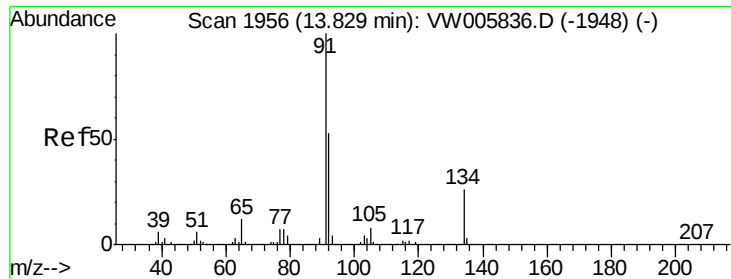
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#88
 1,4-Dichlorobenzene
 Concen: 52.198 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	289929		
111	38.9	19.7	59.1	
148	63.7	32.1	96.5	





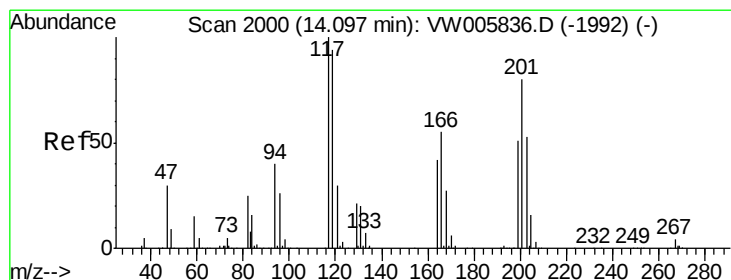
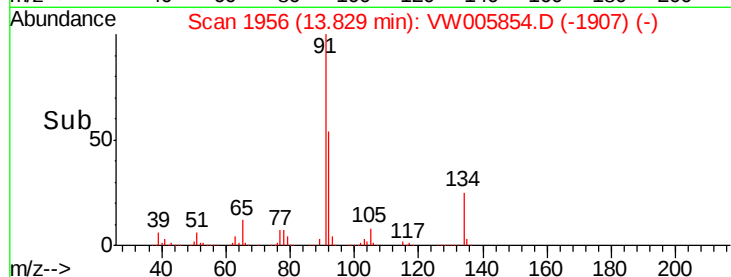
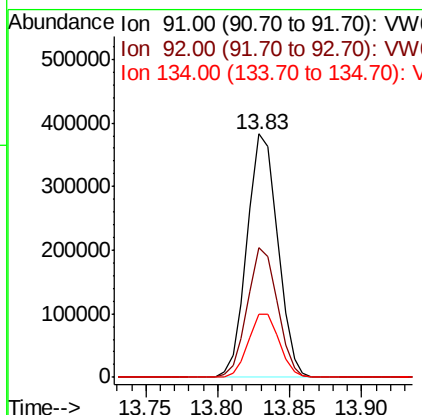
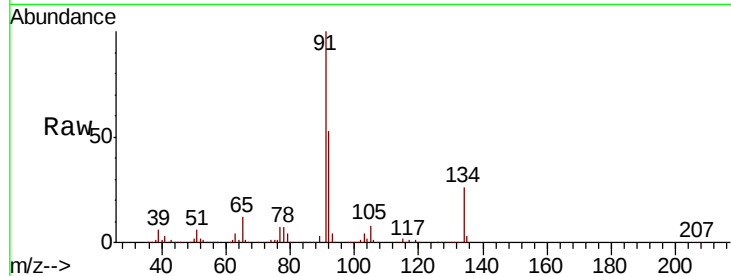
#89
n-Butylbenzene
Concen: 58.386 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	26.1	13.1	39.1

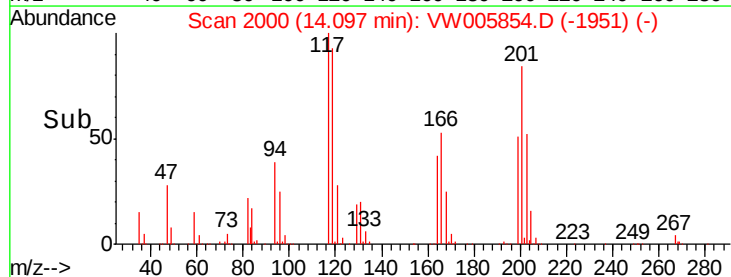
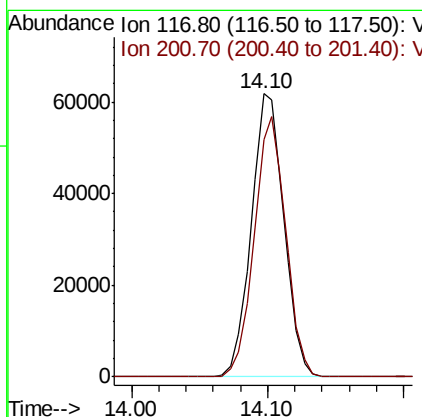
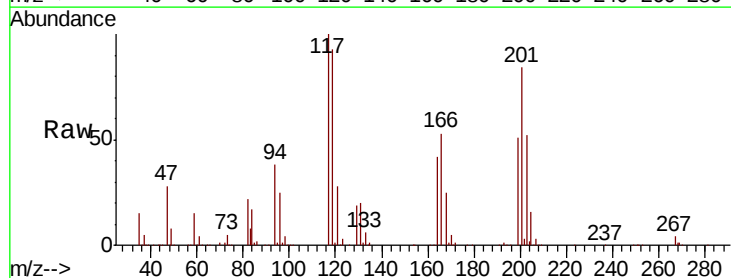
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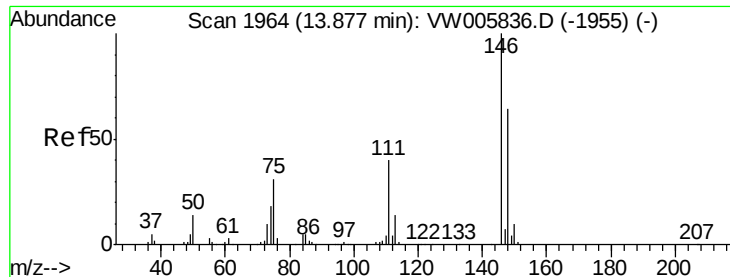
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#90
Hexachloroethane
Concen: 52.691 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	43.7	131.1





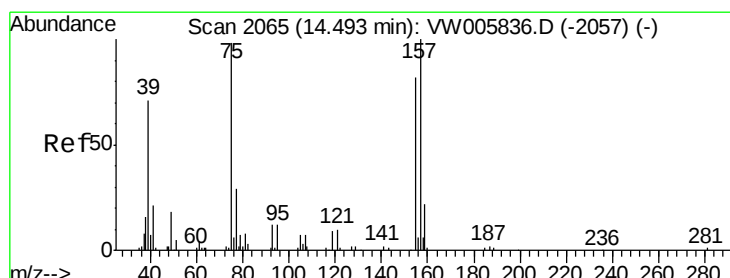
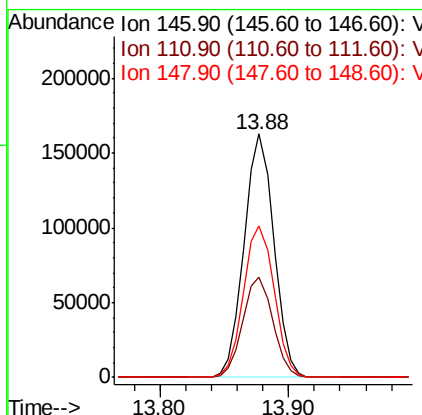
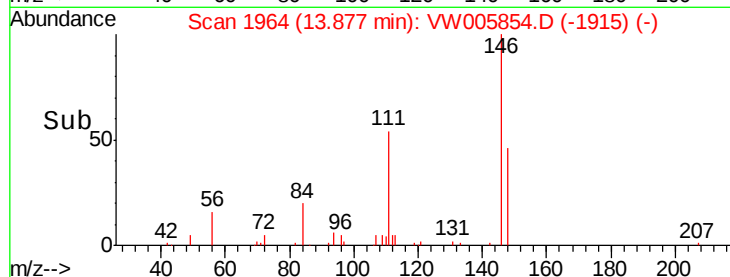
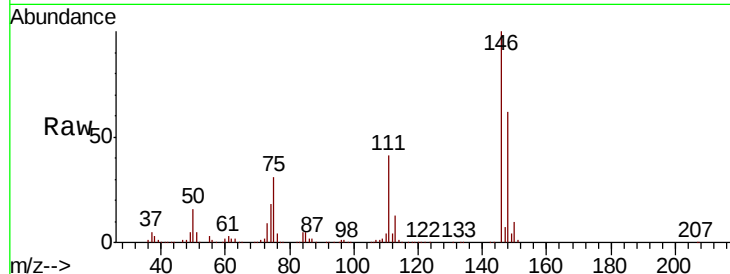
#91
 1,2-Dichlorobenzene
 Concen: 51.884 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259691		
111	41.5	20.4	61.3	
148	64.1	32.1	96.3	

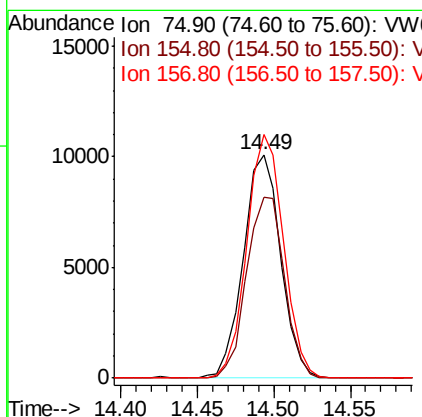
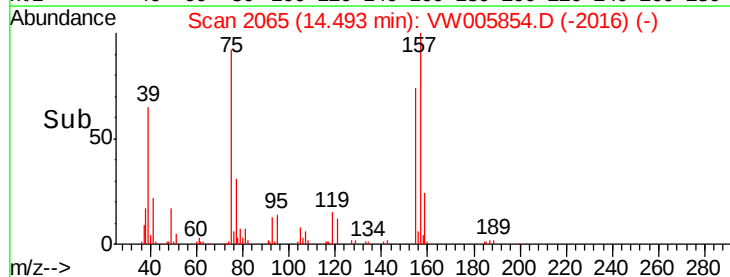
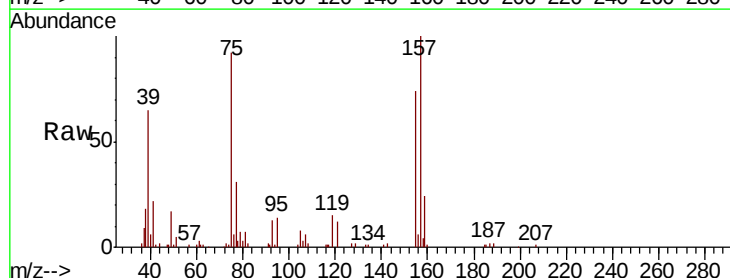
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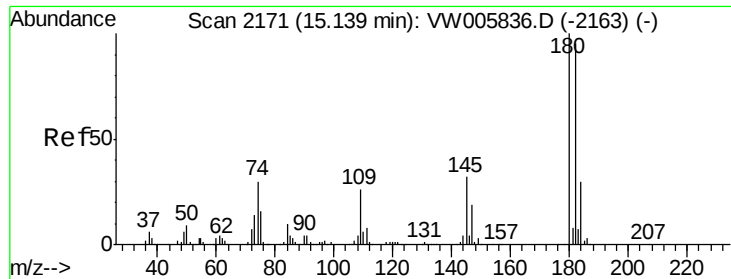
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.308 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005854.D
 Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17169		
155	81.9	41.3	123.9	
157	106.9	51.9	155.7	





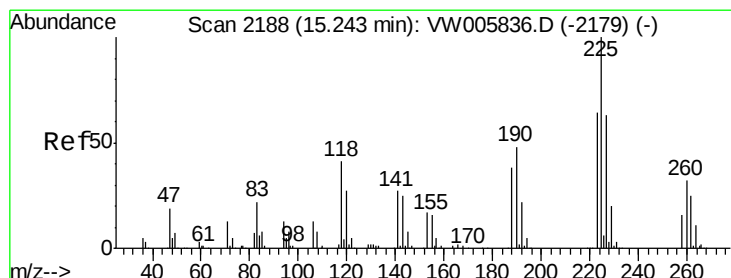
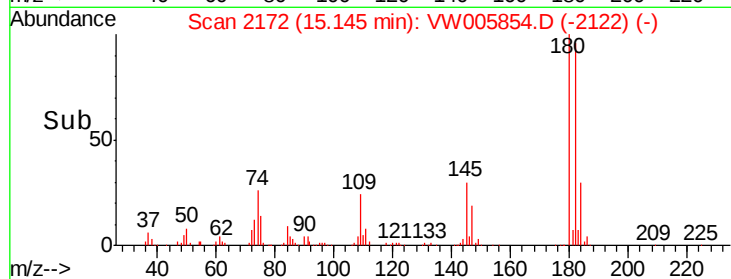
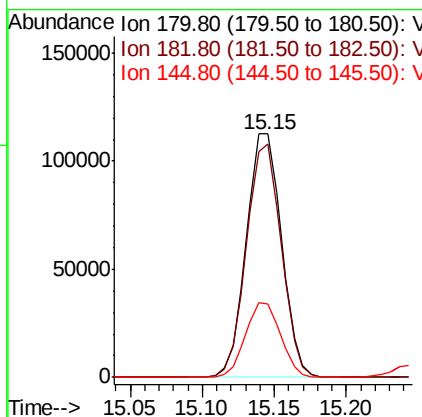
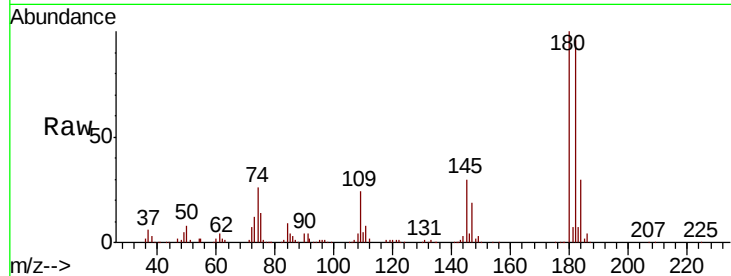
#93
1,2,4-Trichlorobenzene
Concen: 54.495 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190620		
182	94.6	47.6	142.8	
145	30.5	15.0	45.0	

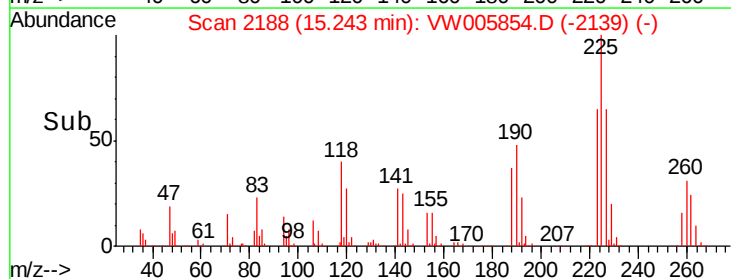
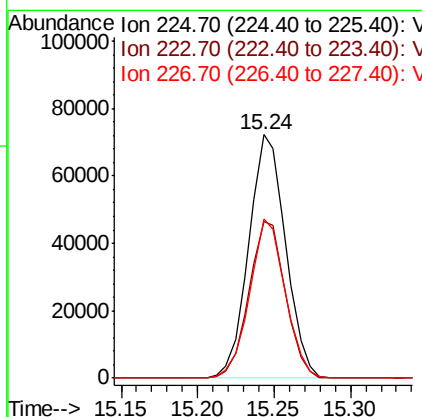
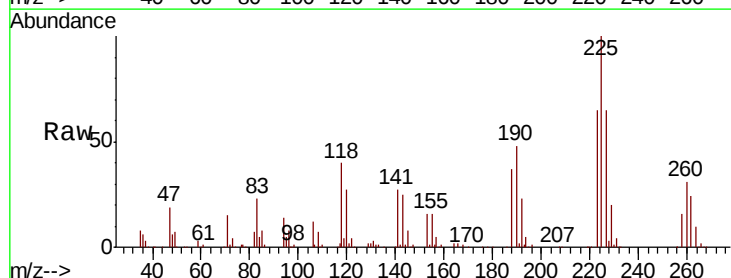
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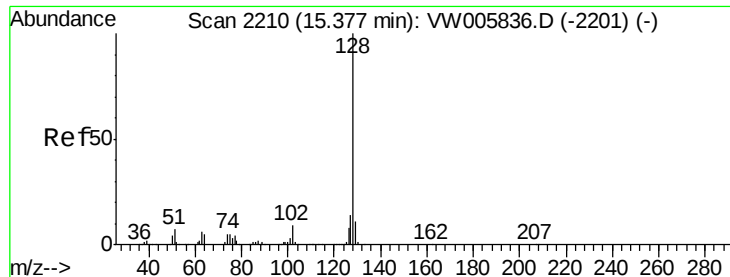
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#94
Hexachlorobutadiene
Concen: 54.702 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120993		
223	63.7	31.2	93.6	
227	62.9	31.7	95.1	





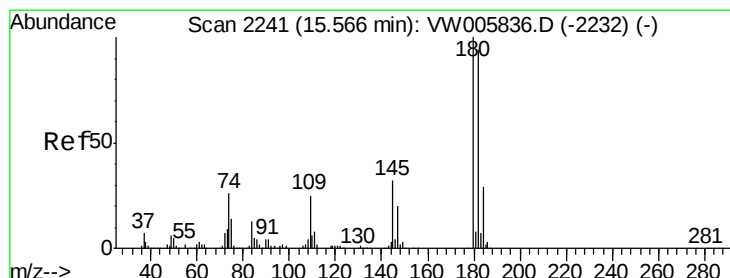
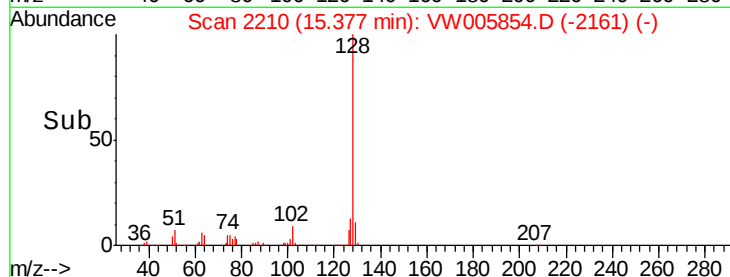
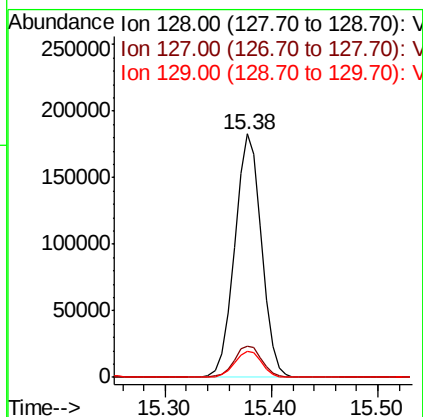
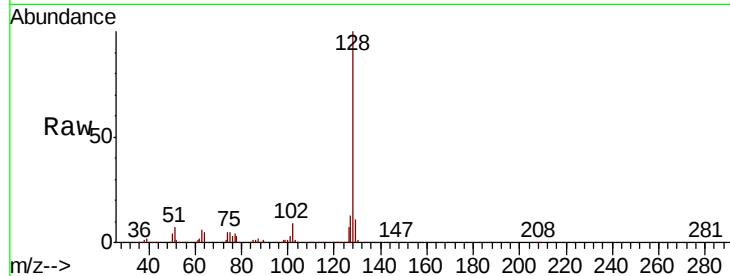
#95
Naphthalene
Concen: 48.510 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.9	16.3
129	10.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.549 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005854.D
Acq: 04 Oct 2018 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	32.5	16.1	48.2

