

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007373.D
 Acq On : 11 Dec 2018 00:05
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:37 PM

Quant Time: Dec 11 01:57:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	146830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	49806	59.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.94%	
35) Dibromofluoromethane	7.88	113	46772	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.32	98	176277	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.62	95	64367	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	26120	29.603	ug/l	100
3) Chloromethane	2.22	50	23294	21.609	ug/l	100
4) Vinyl Chloride	2.37	62	27951	39.156	ug/l	100
5) Bromomethane	2.78	94	19046	50.972	ug/l	100
6) Chloroethane	2.93	64	16304	40.515	ug/l	100
7) Trichlorofluoromethane	3.26	101	25443	19.542	ug/l	100
8) Diethyl Ether	3.68	74	22011	53.800	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43160	49.236	ug/l	100
10) Methyl Iodide	4.26	142	72814	84.012	ug/l	100
11) Tert butyl alcohol	5.17	59	15575	170.160	ug/l	100
12) 1,1-Dichloroethene	4.03	96	41571	50.289	ug/l	100
13) Acrolein	3.89	56	10550	196.581	ug/l	100
14) Allyl chloride	4.66	41	61726	47.364	ug/l	100
15) Acrylonitrile	5.37	53	44489	264.106	ug/l	100
16) Acetone	4.12	43	42931	237.178	ug/l	100
17) Carbon Disulfide	4.38	76	124638	46.714	ug/l	100
18) Methyl Acetate	4.67	43	22812	52.523	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	65523	36.070	ug/l	100
20) Methylene Chloride	4.90	84	46935	41.989	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	47385	51.345	ug/l	100
22) Diisopropyl ether	6.31	45	122669	52.035	ug/l	100
23) Vinyl Acetate	6.25	43	349085	270.161	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81234	53.013	ug/l	100
25) 2-Butanone	7.17	43	56890	261.825	ug/l	100
26) 2,2-Dichloropropane	7.17	77	52977	38.077	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	52855	53.129	ug/l	100
28) Bromochloromethane	7.51	49	30971	55.225	ug/l	100
29) Tetrahydrofuran	7.53	42	36302	267.373	ug/l	100
30) Chloroform	7.67	83	88543	55.058	ug/l	100
31) Cyclohexane	7.95	56	69616	44.640	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	76459	51.445	ug/l	100
36) 1,1-Dichloropropene	8.08	75	66479	47.279	ug/l	100
37) Ethyl Acetate	7.25	43	24270	47.690	ug/l	100
38) Carbon Tetrachloride	8.07	117	73280	50.246	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80709	43.350	ug/l	100
40) Benzene	8.32	78	190307	48.999	ug/l	100
41) Methacrylonitrile	7.48	41	15146	49.882	ug/l	100
42) 1,2-Dichloroethane	8.40	62	59813	53.812	ug/l	100
43) Isopropyl Acetate	8.43	43	50989	51.149	ug/l	100
44) Trichloroethene	9.09	130	52916	48.654	ug/l	100
45) 1,2-Dichloropropane	9.37	63	44262	48.923	ug/l	100
46) Dibromomethane	9.46	93	24443	51.245	ug/l	100
47) Bromodichloromethane	9.64	83	66321	52.810	ug/l	100
48) Methyl methacrylate	9.44	41	26296	51.310	ug/l	100
49) 1,4-Dioxane	9.45	88	8142	992.708	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	121505	250.496	ug/l	100
52) Toluene	10.39	92	124012	46.338	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63512	50.994	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	73822	50.685	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	33819	50.255	ug/l	100
56) Ethyl methacrylate	10.65	69	42035	48.780	ug/l	100
57) 1,3-Dichloropropane	10.93	76	55866	49.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104021	287.423	ug/l	100
59) 2-Hexanone	10.97	43	80445	232.854	ug/l	100
60) Dibromochloromethane	11.13	129	43320	52.080	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32453	50.615	ug/l	100
64) Tetrachloroethene	10.87	164	43715	47.707	ug/l	100
65) Chlorobenzene	11.66	112	131594	47.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46216	52.467	ug/l	100
67) Ethyl Benzene	11.73	91	229882	45.294	ug/l	100
68) m/p-Xylenes	11.84	106	173751	87.806	ug/l	100
69) o-Xylene	12.17	106	86916	46.627	ug/l	100
70) Styrene	12.18	104	135733	44.830	ug/l	100
71) Bromoform	12.35	173	23690	53.867	ug/l #	100
73) Isopropylbenzene	12.46	105	230372	48.813	ug/l	100
74) N-amyl acetate	12.27	43	42858	51.538	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	37142	58.689	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28209m	58.645	ug/l	
77) Bromobenzene	12.75	156	53437	51.573	ug/l	100
78) n-propylbenzene	12.80	91	270875	47.790	ug/l	100
79) 2-Chlorotoluene	12.90	91	165086	51.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	196406	48.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11424	54.596	ug/l	100
82) 4-Chlorotoluene	12.99	91	169190	49.445	ug/l	100
83) tert-Butylbenzene	13.21	119	176060	49.351	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	201255	48.667	ug/l	100
85) sec-Butylbenzene	13.39	105	227722	45.284	ug/l	100
86) p-Isopropyltoluene	13.51	119	217293	48.047	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	104218	49.204	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	101366	47.856	ug/l	100
89) n-Butylbenzene	13.83	91	198191	47.168	ug/l	100
90) Hexachloroethane	14.10	117	37500	53.838	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	90666	49.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7166	58.498	ug/l	100

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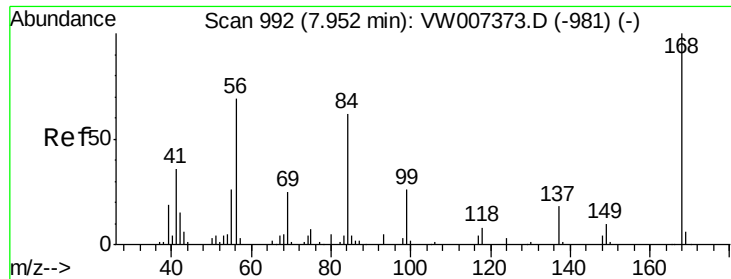
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62869	49.843	ug/l	100
94) Hexachlorobutadiene	15.24	225	33512	49.162	ug/l	100
95) Naphthalene	15.37	128	128478	55.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57279	53.039	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 168 Resp: 85668

Ion Ratio Lower Upper

168 100

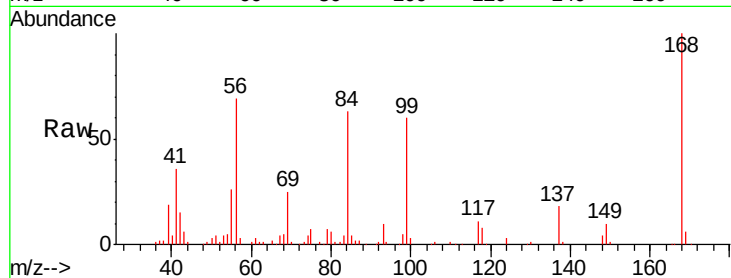
99 60.4 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

40000

30000

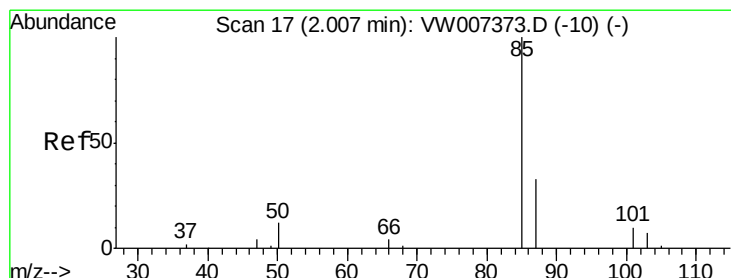
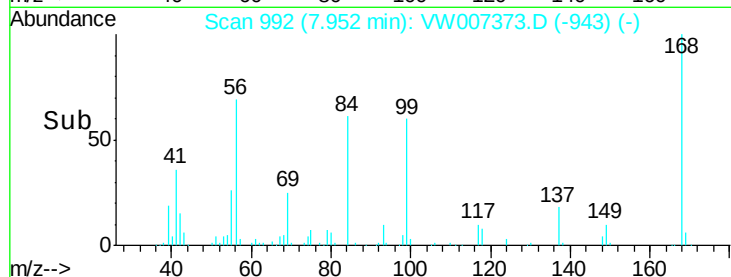
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 29.603 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007373.D

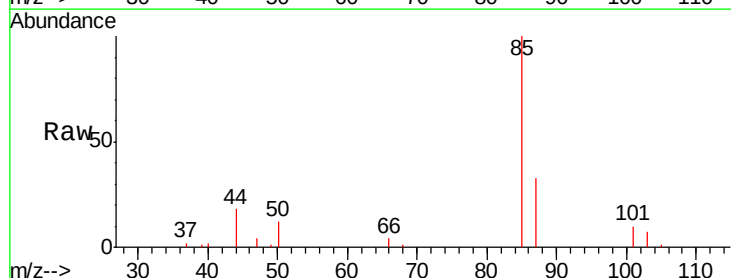
Acq: 11 Dec 2018 00:05

Tgt Ion: 85 Resp: 26120

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

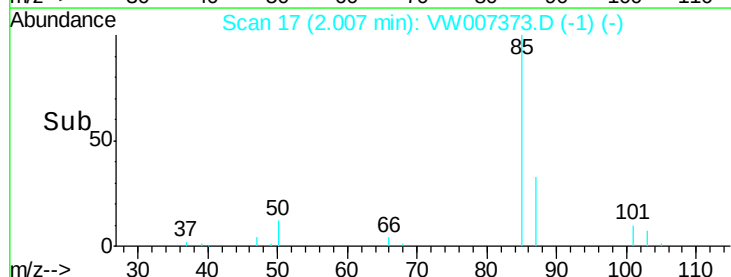
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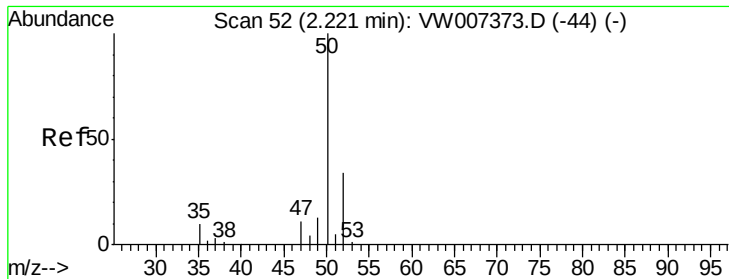
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.609 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 23294

Ion Ratio Lower Upper

50 100

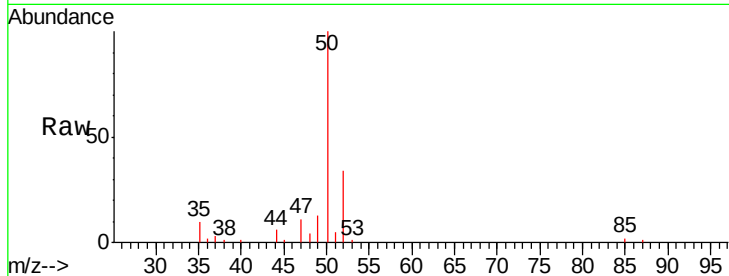
52 34.2 27.4 41.0

Manual Integrations

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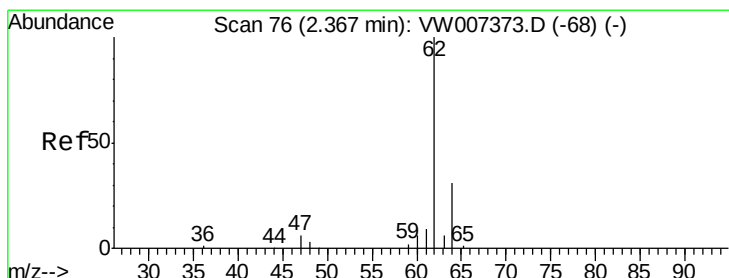
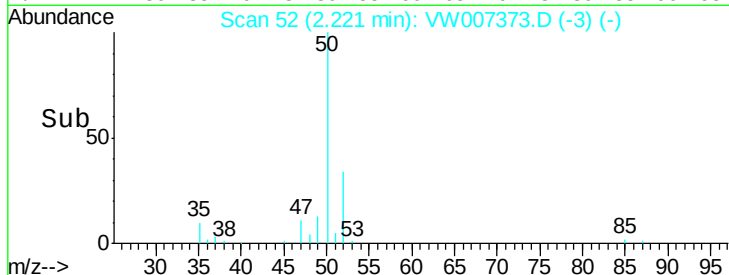
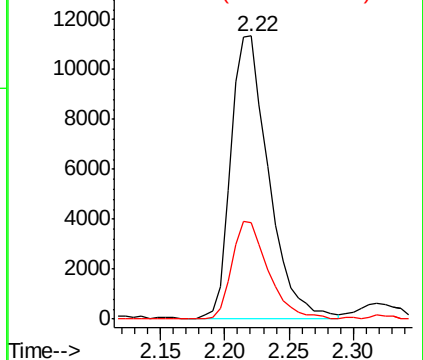
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 39.156 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007373.D

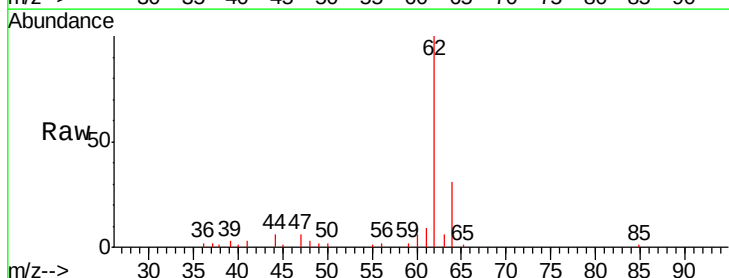
Acq: 11 Dec 2018 00:05

Tgt Ion: 62 Resp: 27951

Ion Ratio Lower Upper

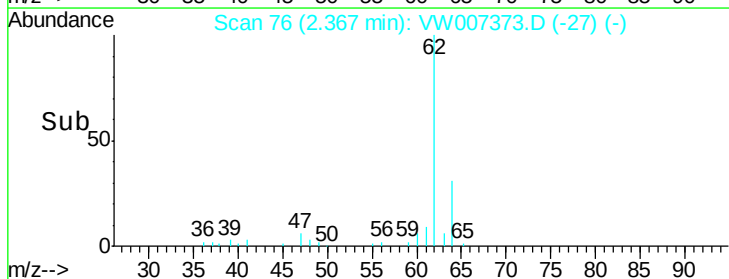
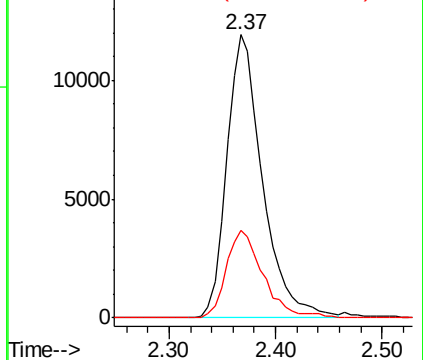
62 100

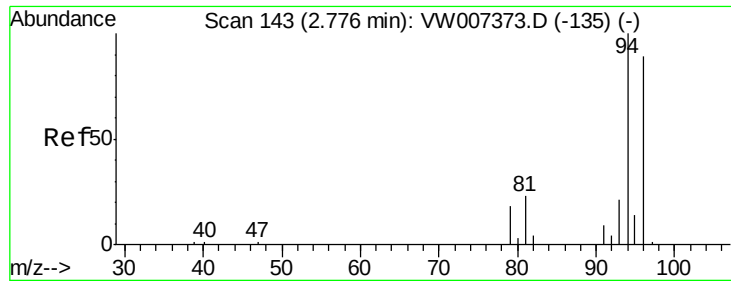
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 50.972 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 19046

Ion Ratio Lower Upper

94 100

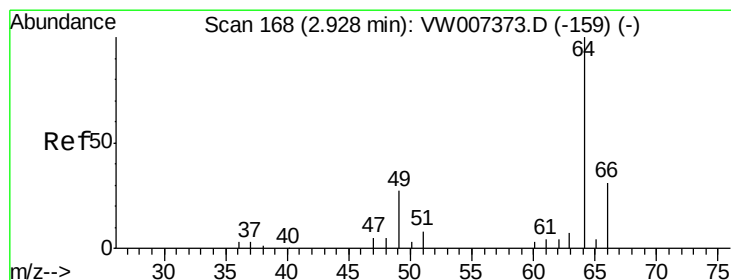
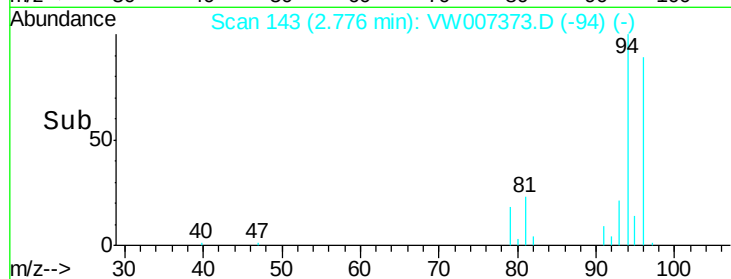
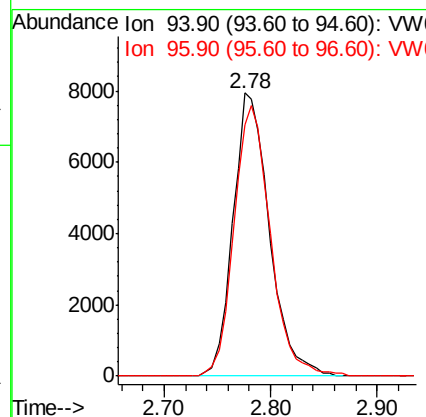
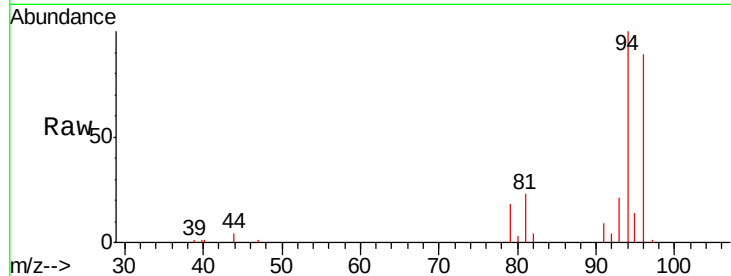
96 88.7 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 40.515 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007373.D

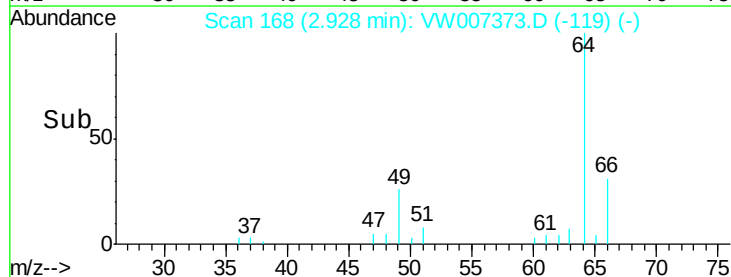
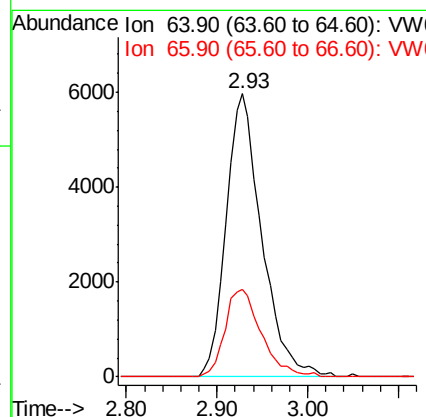
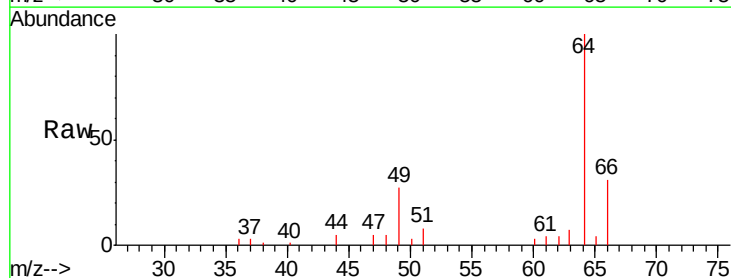
Acq: 11 Dec 2018 00:05

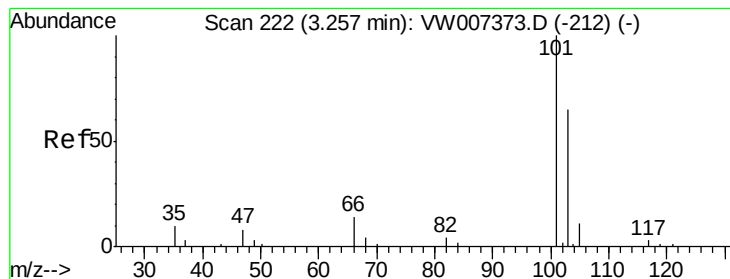
Tgt Ion: 64 Resp: 16304

Ion Ratio Lower Upper

64 100

66 30.8 24.6 37.0





#7

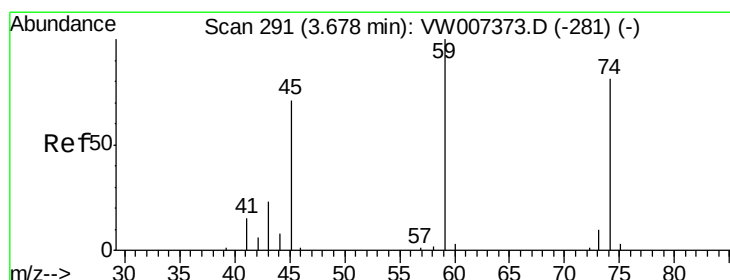
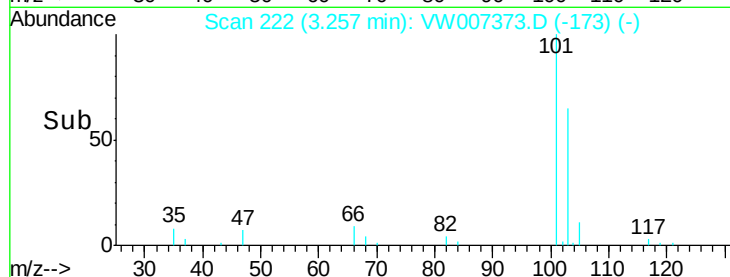
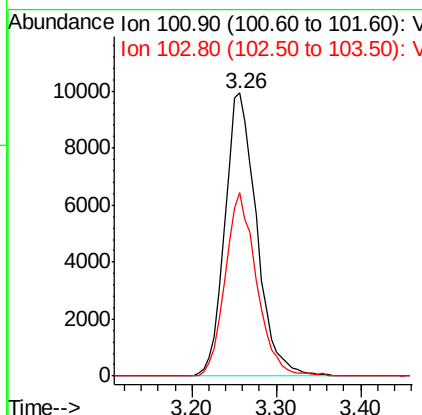
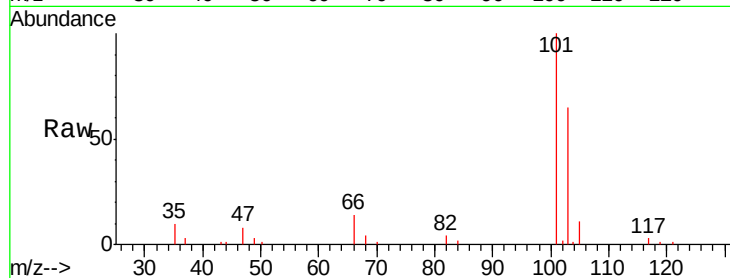
Trichlorofluoromethane
 Concen: 19.542 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

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 VSTDICCC050

Tgt Ion: 101 Resp: 25443
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

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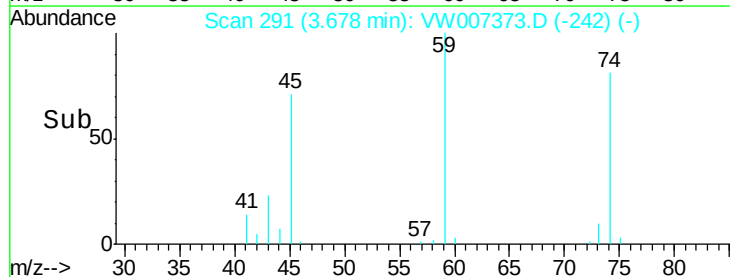
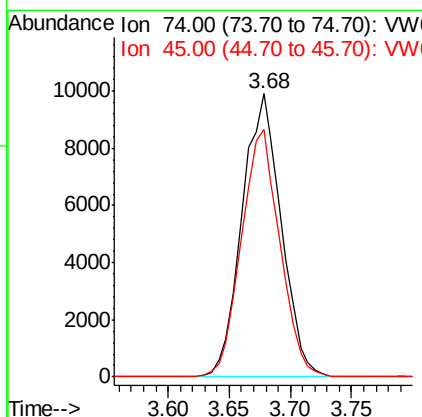
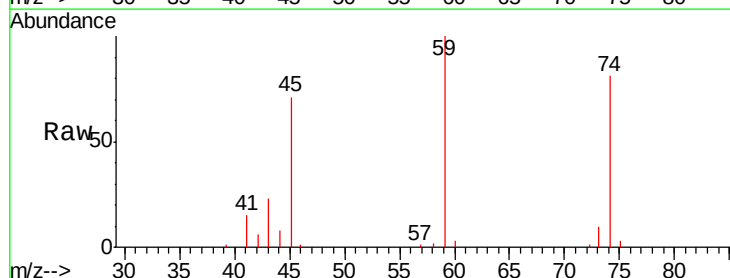
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 12/11/2018 4:55:37 PM

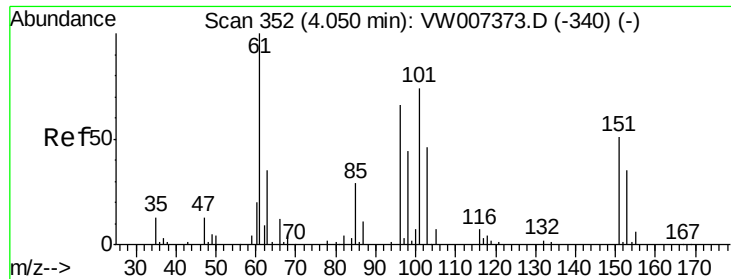


#8

Diethyl Ether
 Concen: 53.800 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 74 Resp: 22011
 Ion Ratio Lower Upper
 74 100
 45 86.0 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.236 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

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MSVOA_W

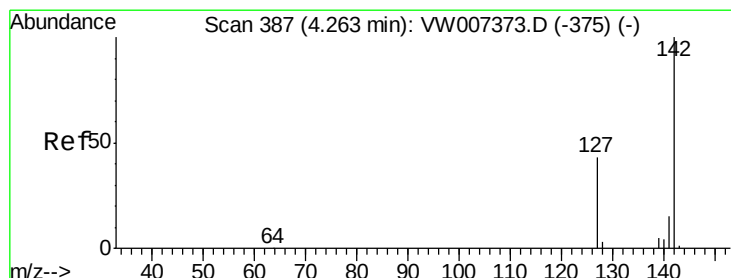
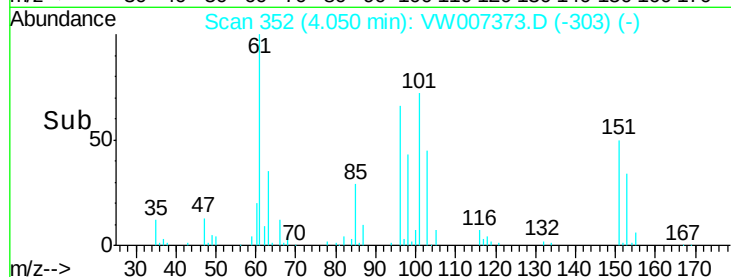
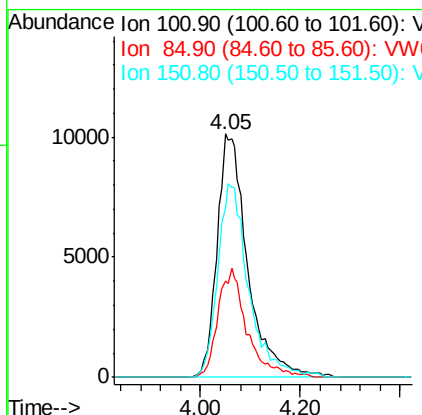
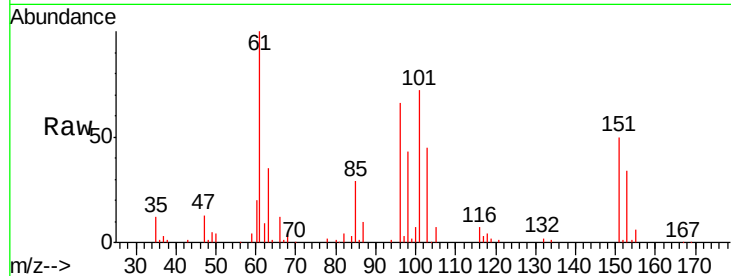
ClientSampleId :

VSTDICCC050

Tgt Ion:	101	Resp:	43160
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.9	50.9
151	79.6	63.7	95.5

Manual Integrations
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#10

Methyl Iodide

Concen: 84.012 ug/l

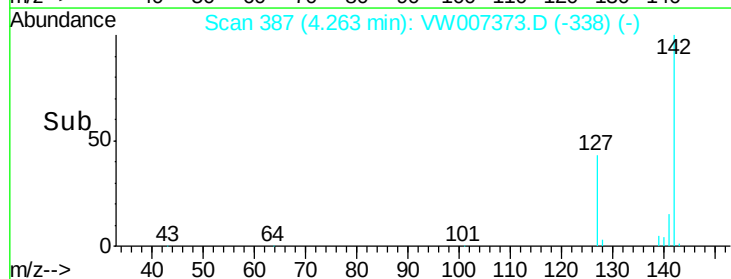
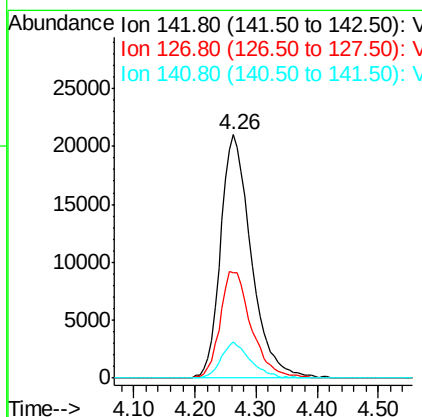
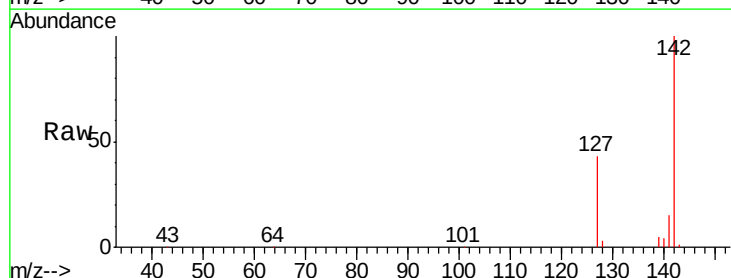
RT: 4.26 min Scan# 387

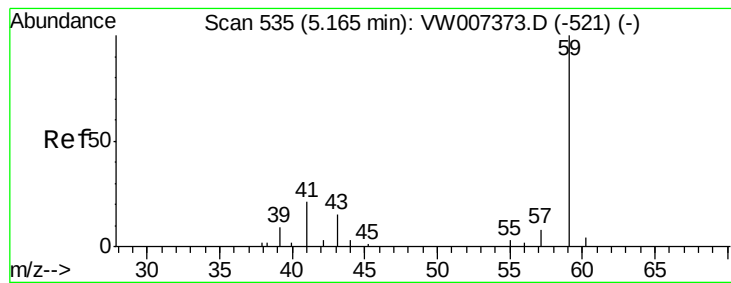
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	142	Resp:	72814
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.8	53.6
141	13.9	11.1	16.7





#11

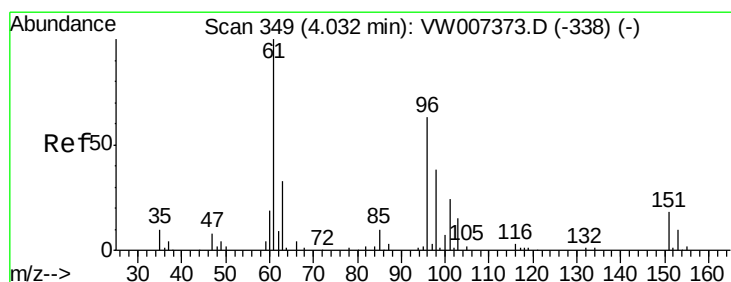
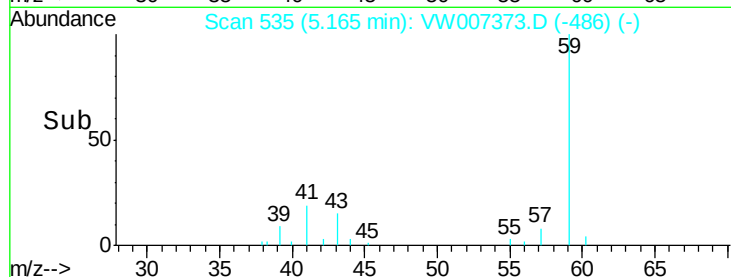
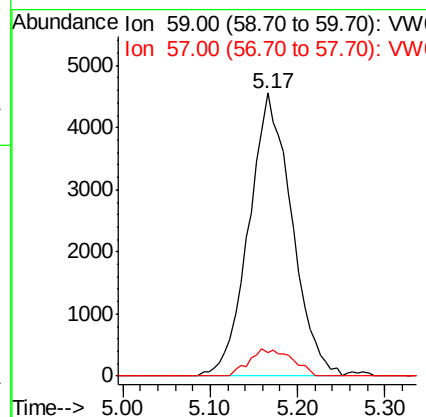
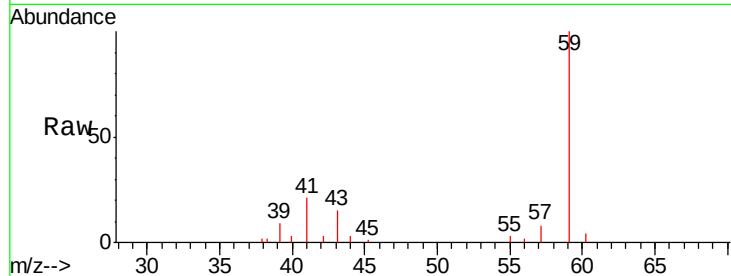
Tert butyl alcohol
 Concen: 170.160 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.6	11.4

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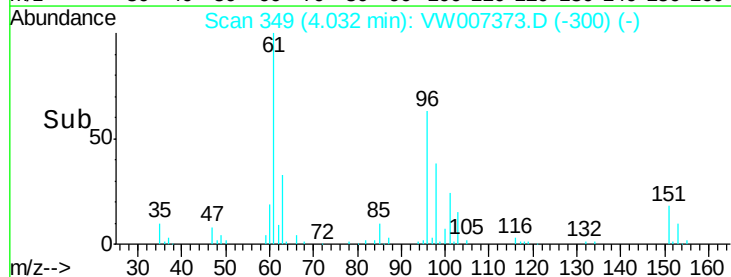
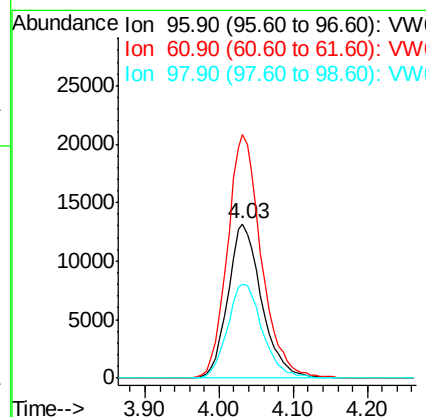
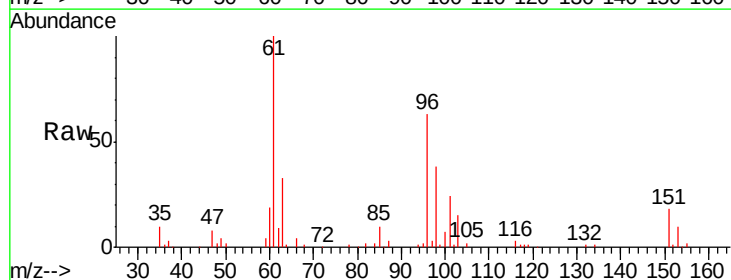
MMDadoda
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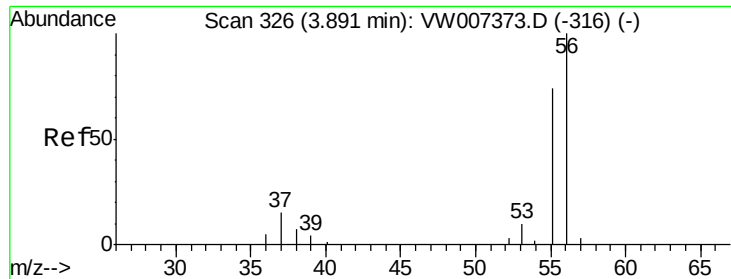


#12

1,1-Dichloroethene
 Concen: 50.289 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.2	189.2
98	60.4	48.3	72.5





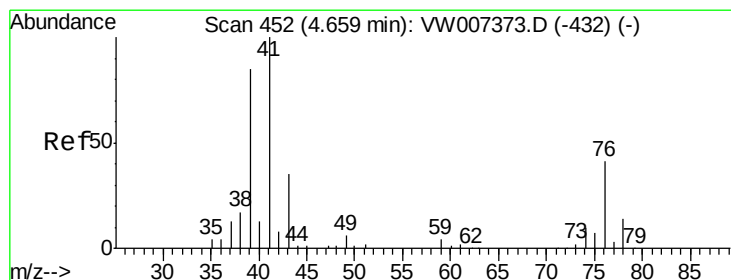
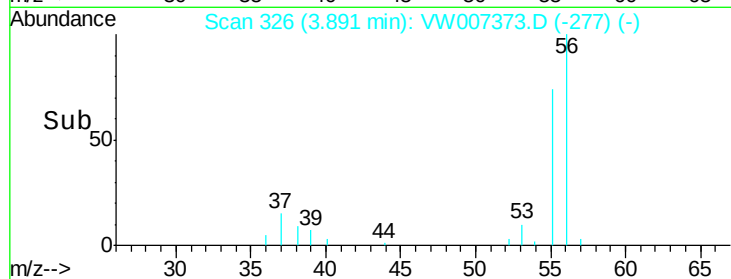
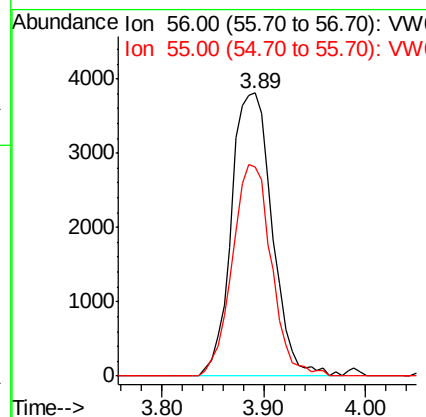
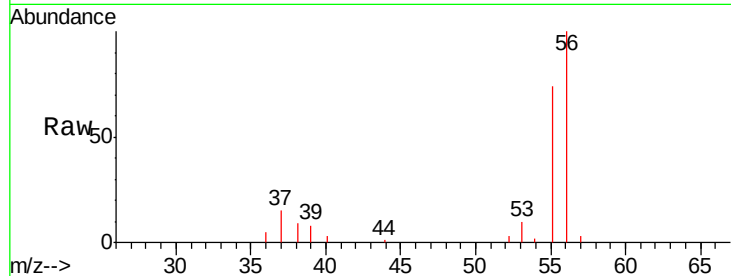
#13
Acrolein
Concen: 196.581 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 10550
Ion Ratio Lower Upper
56 100
55 71.8 57.4 86.2

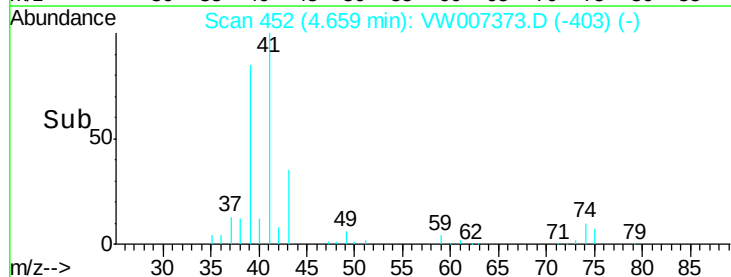
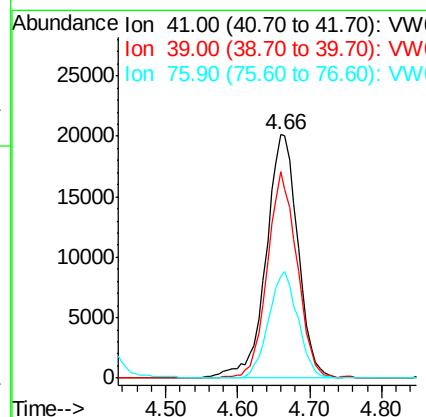
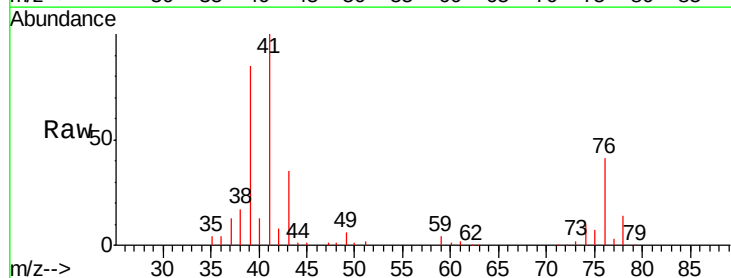
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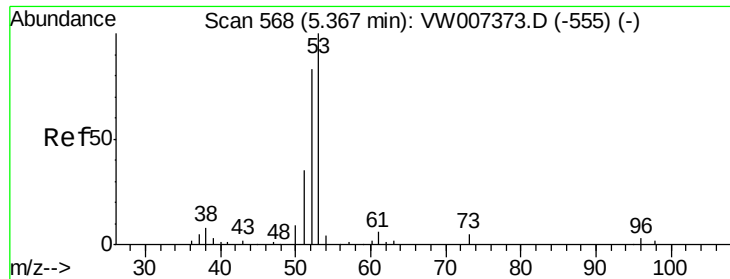
MMDadoda
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#14
Allyl chloride
Concen: 47.364 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion: 41 Resp: 61726
Ion Ratio Lower Upper
41 100
39 79.3 63.4 95.2
76 40.1 32.1 48.1





#15

Acrylonitrile

Concen: 264.106 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

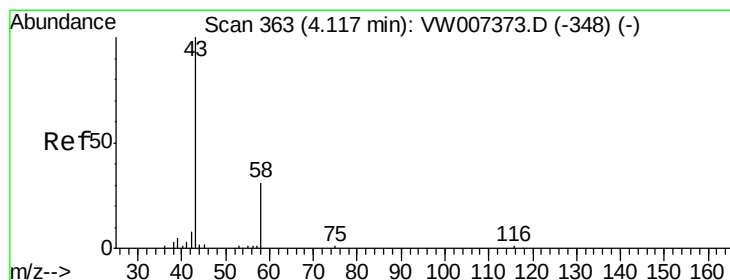
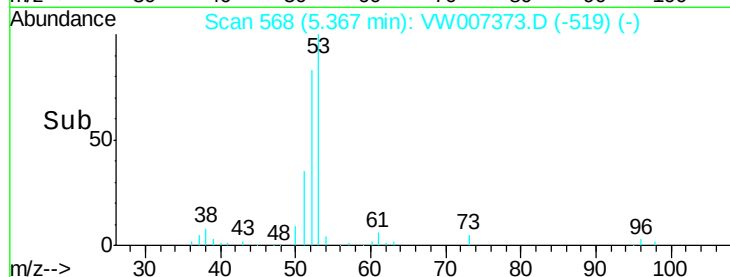
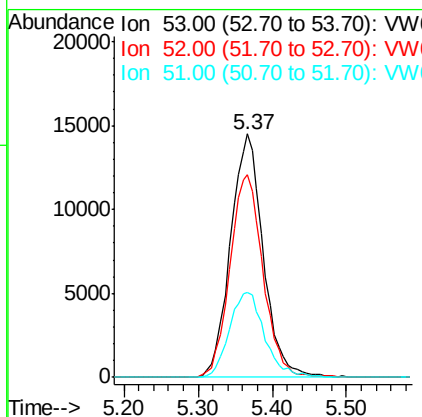
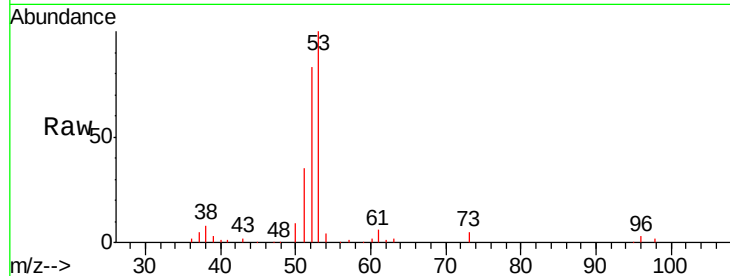
ClientSampleId :

VSTDICCC050

Tgt Ion:	53	Resp:	44489
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.7	30.2	45.2

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#16

Acetone

Concen: 237.178 ug/l

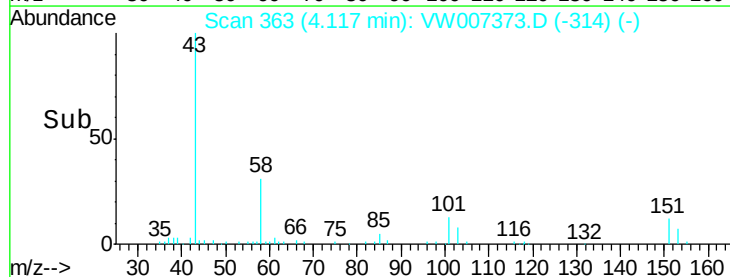
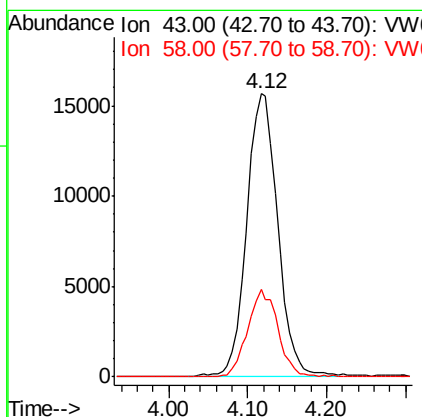
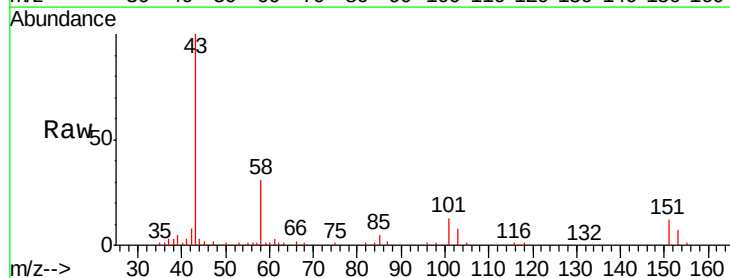
RT: 4.12 min Scan# 363

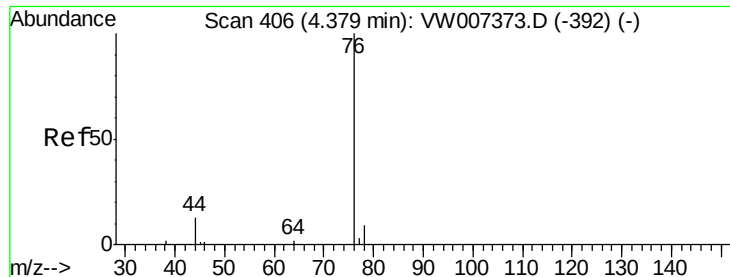
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	43	Resp:	42931
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3





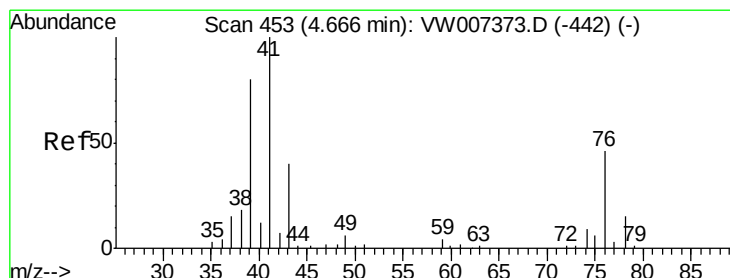
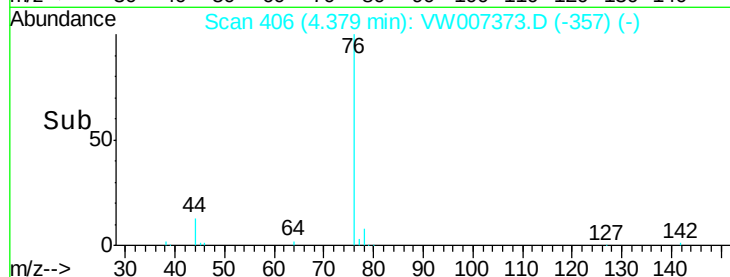
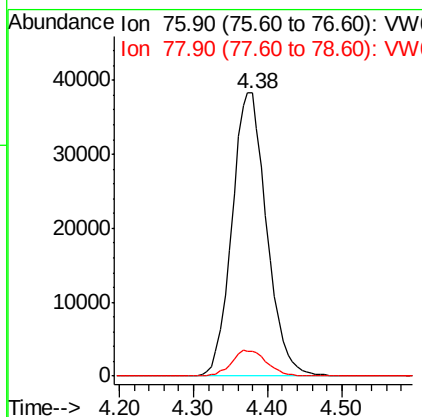
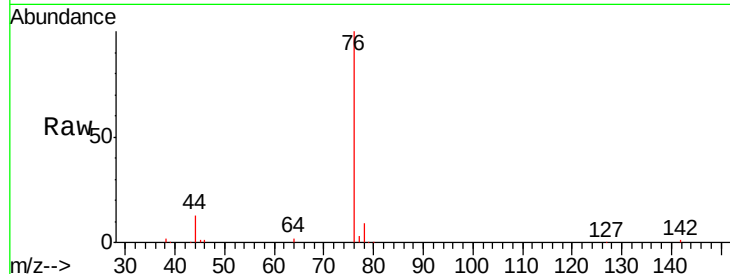
#17
Carbon Disulfide
Concen: 46.714 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

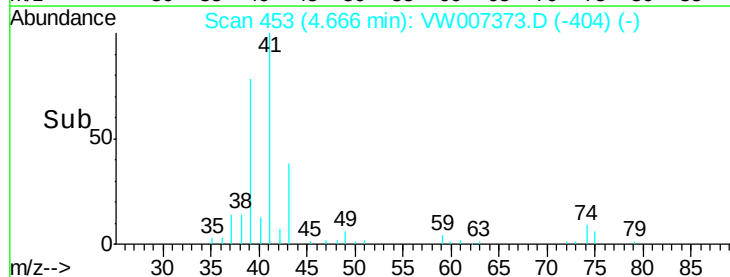
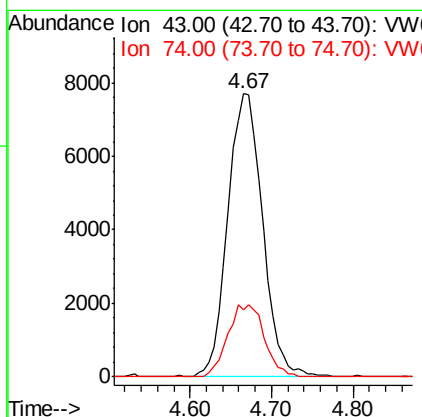
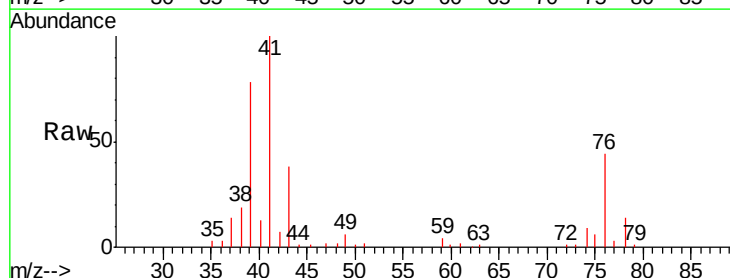
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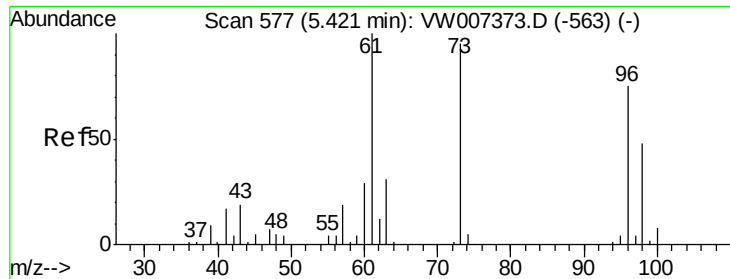
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#18
Methyl Acetate
Concen: 52.523 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.1	31.7





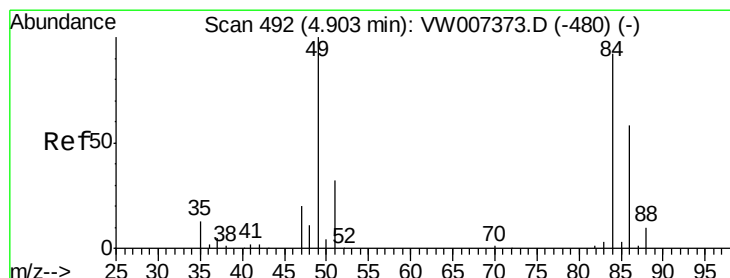
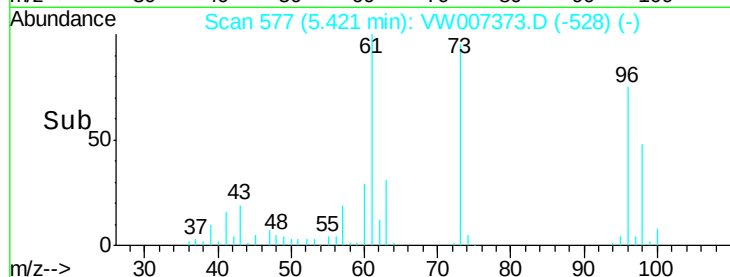
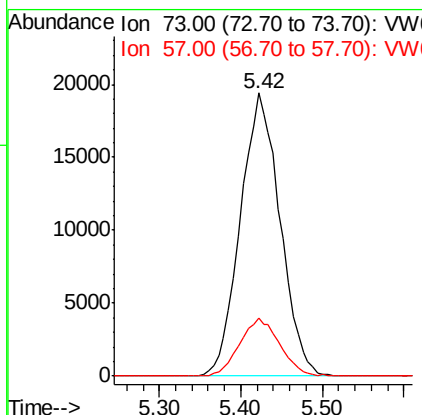
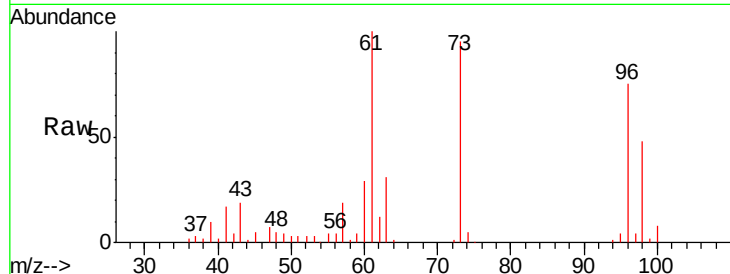
#19
Methyl tert-butyl Ether
Concen: 36.070 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 65523
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6

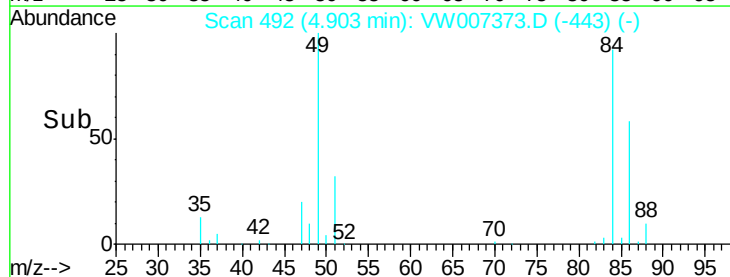
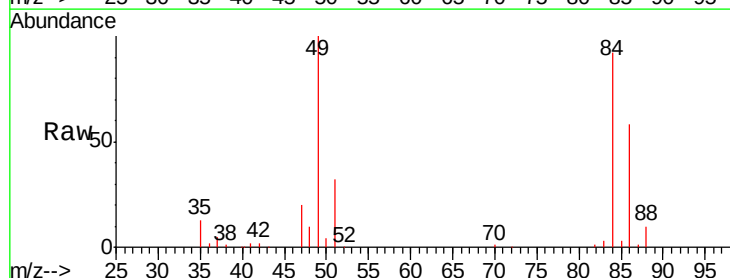
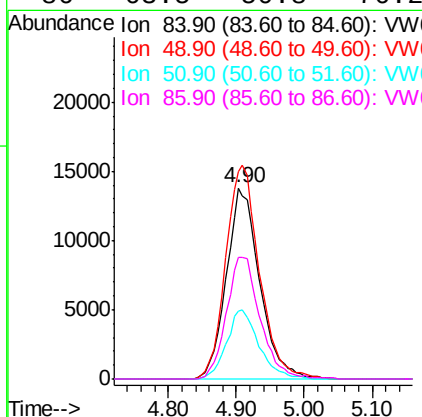
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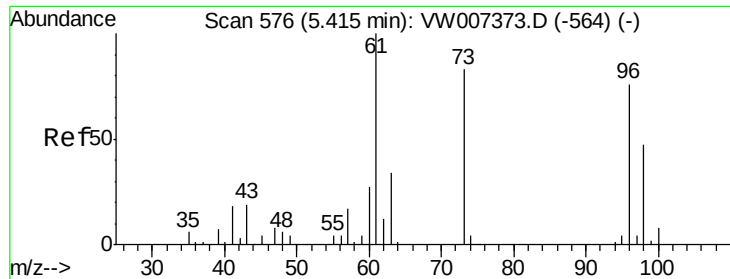
MMDadoda
12/11/2018 4:55:37 PM



#20
Methylene Chloride
Concen: 41.989 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion: 84 Resp: 46935
Ion Ratio Lower Upper
84 100
49 108.9 87.1 130.7
51 35.2 28.2 42.2
86 63.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.345 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

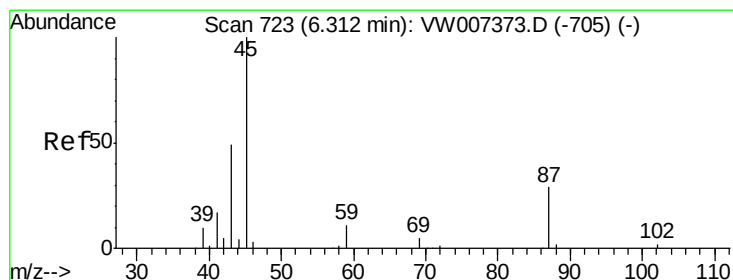
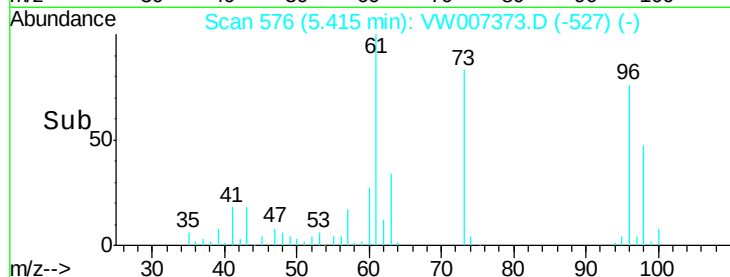
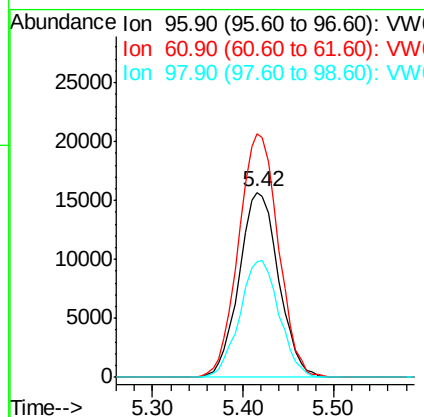
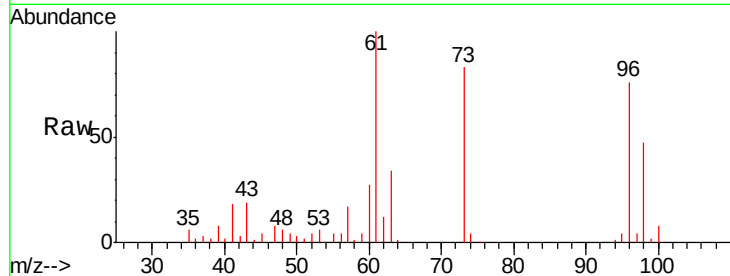
ClientSampleId :

VSTDICCC050

Tgt Ion:	96	Resp:	47385
Ion	Ratio	Lower	Upper
96	100		
61	131.3	105.0	157.6
98	62.1	49.7	74.5

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#22

Diisopropyl ether

Concen: 52.035 ug/l

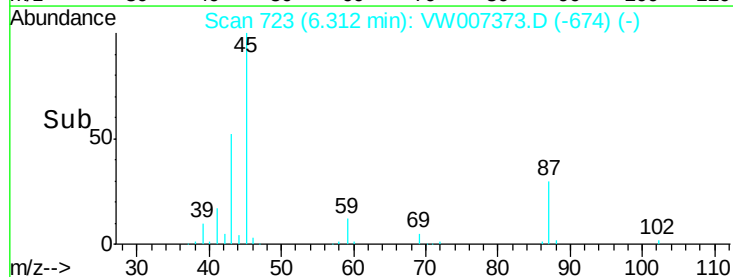
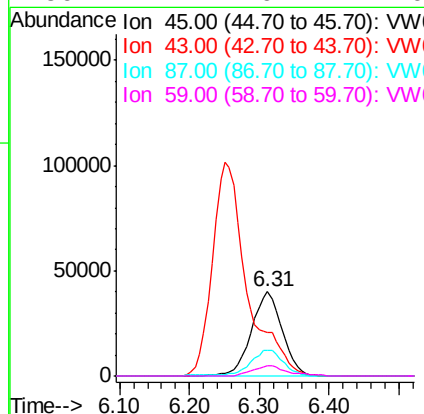
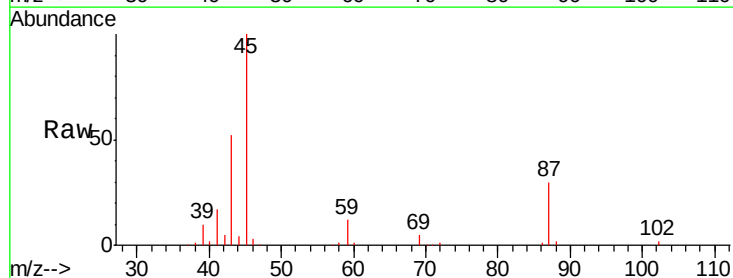
RT: 6.31 min Scan# 723

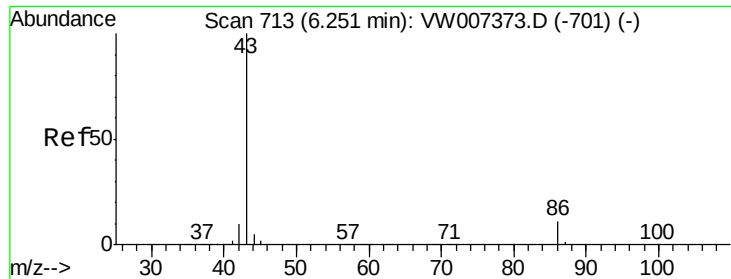
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	45	Resp:	122669
Ion	Ratio	Lower	Upper
45	100		
43	52.0	41.6	62.4
87	30.4	24.3	36.5
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 270.161 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 349085

Ion Ratio Lower Upper

43 100

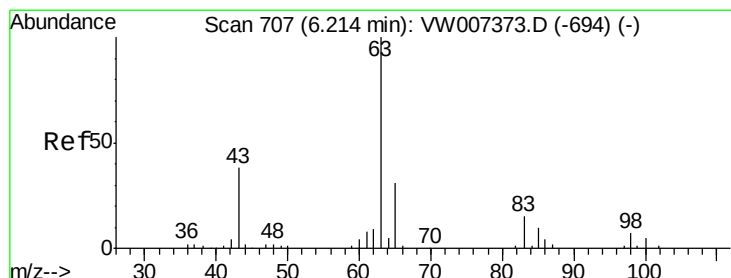
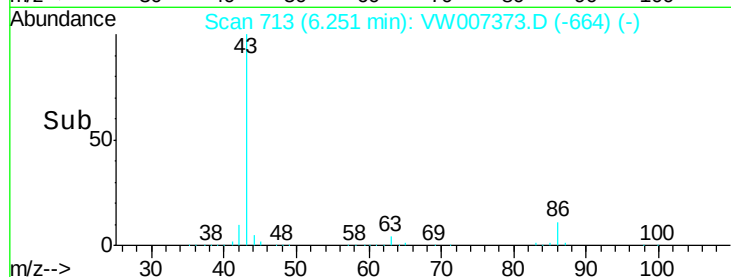
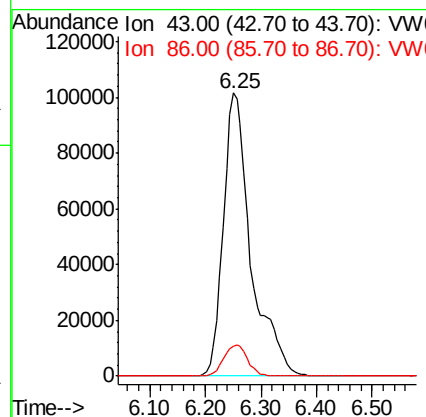
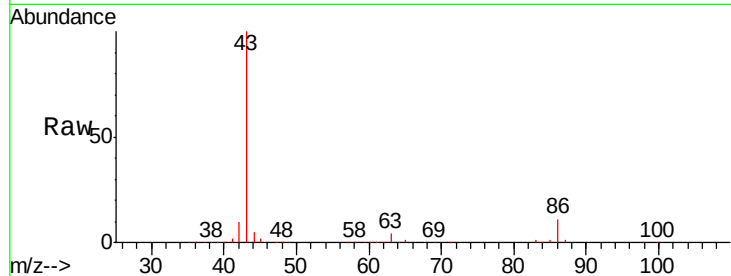
86 10.7 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.013 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

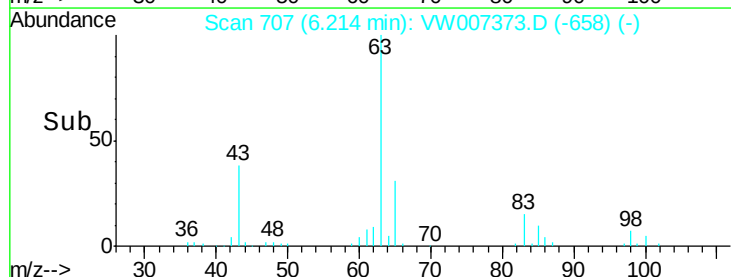
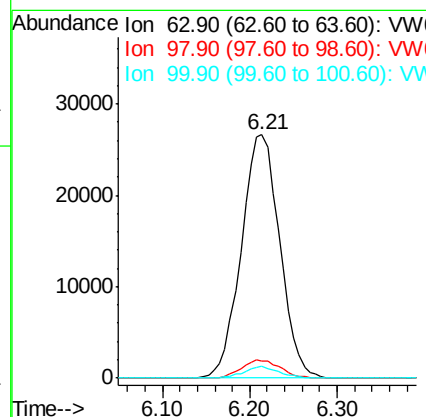
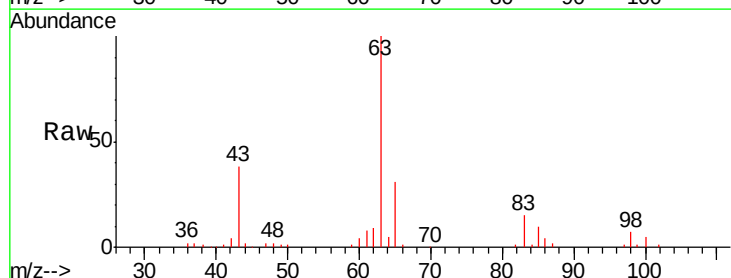
Tgt Ion: 63 Resp: 81234

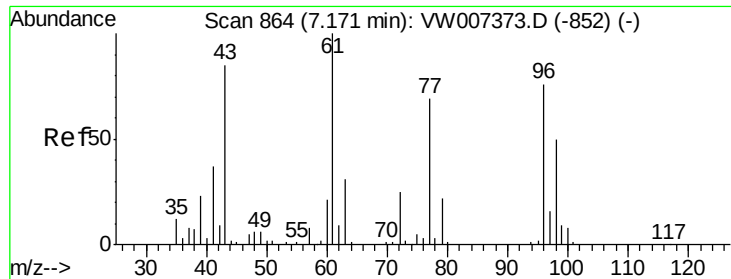
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 261.825 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 56890

Ion Ratio Lower Upper

43 100

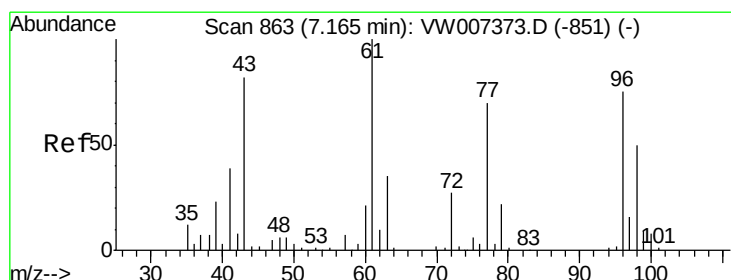
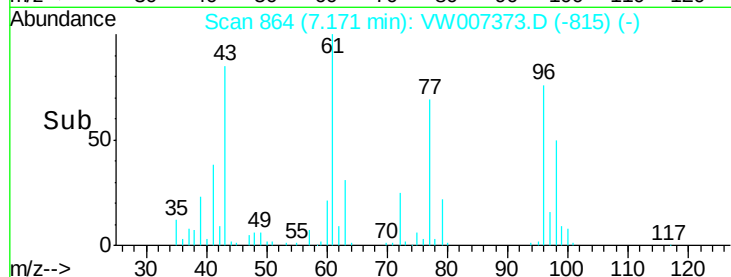
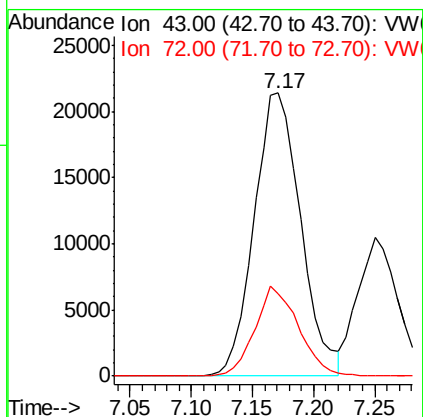
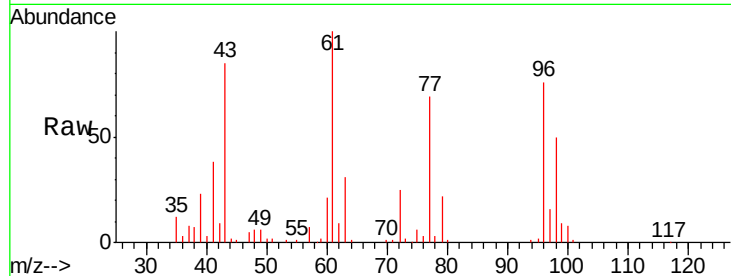
72 29.3 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 38.077 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007373.D

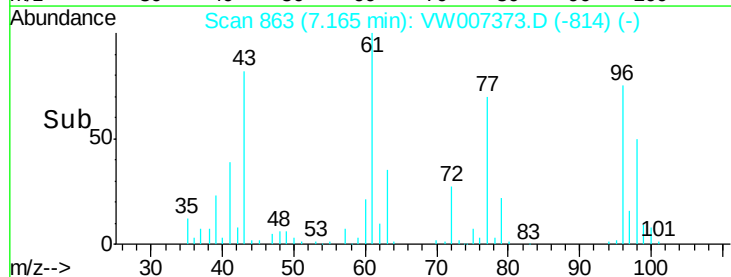
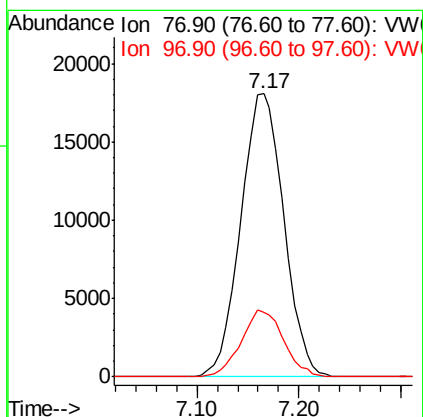
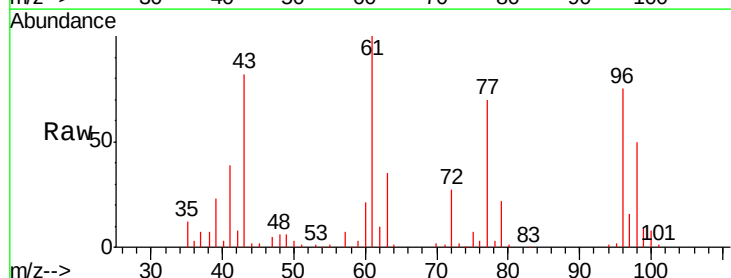
Acq: 11 Dec 2018 00:05

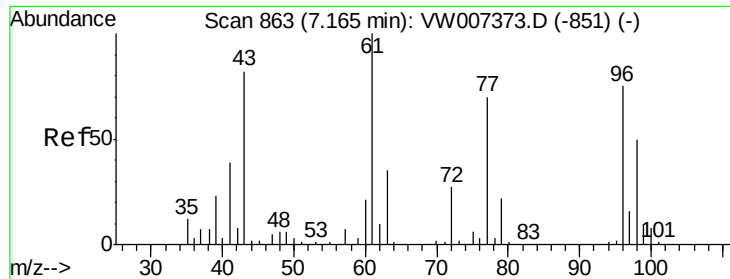
Tgt Ion: 77 Resp: 52977

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

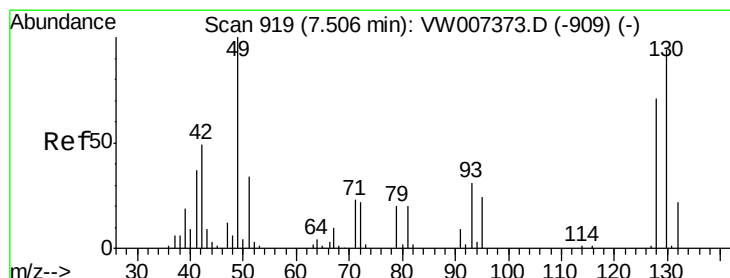
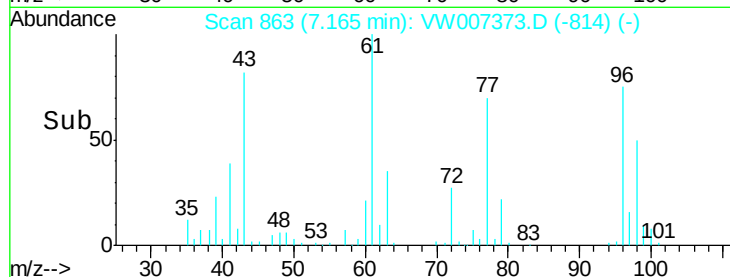
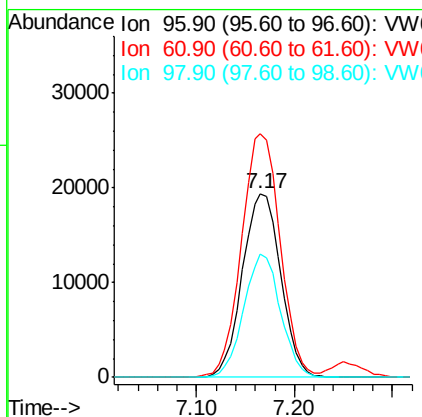
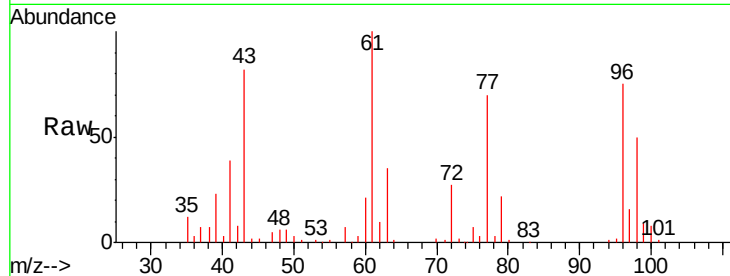
cis-1,2-Dichloroethene
Concen: 53.129 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	52855		
61	134.2	0.0	268.4	
98	63.9	0.0	127.8	

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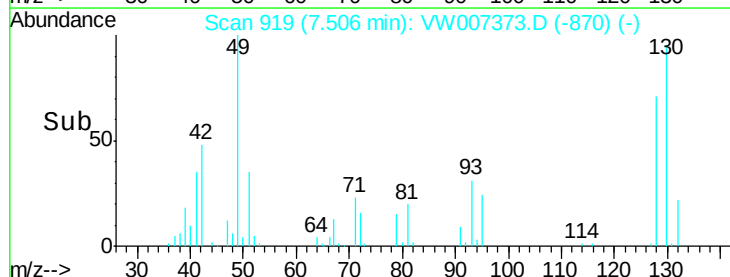
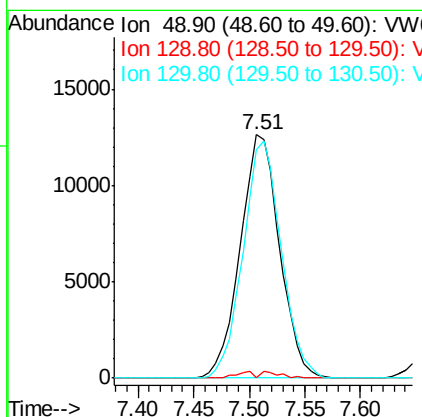
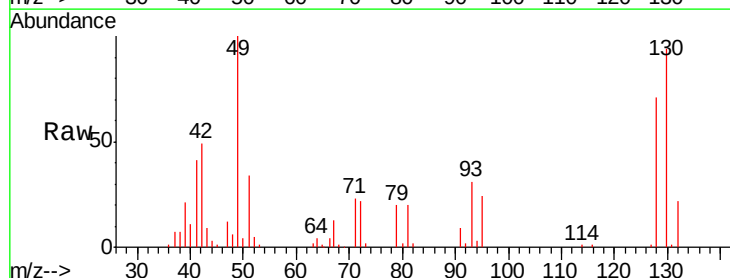
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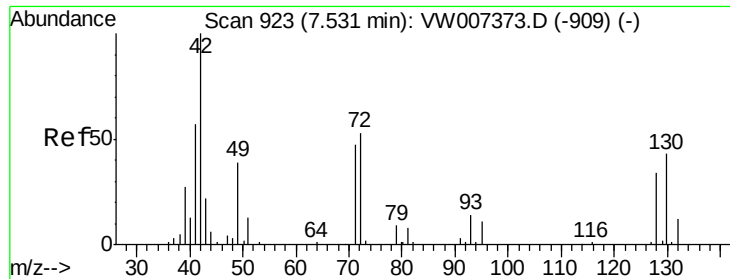


#28

Bromochloromethane
Concen: 55.225 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30971		
129	1.3	0.0	2.6	
130	94.9	75.9	113.9	





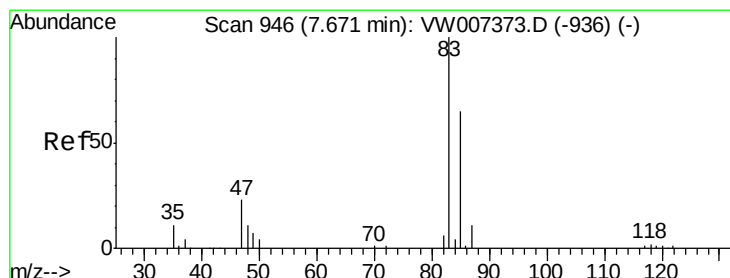
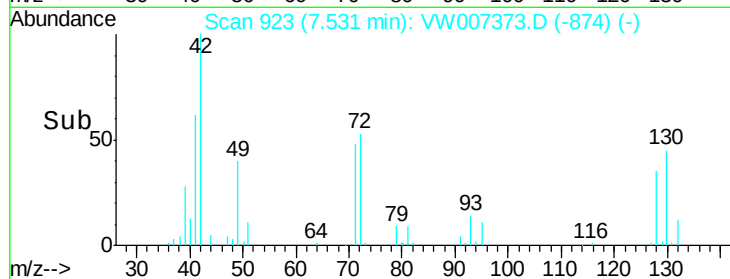
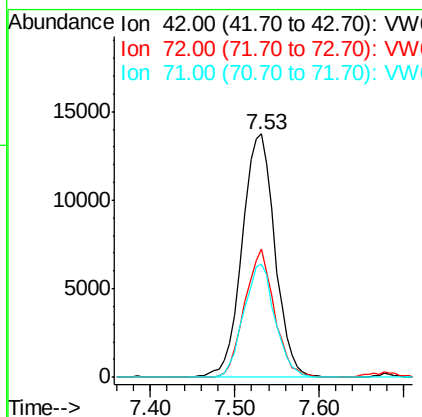
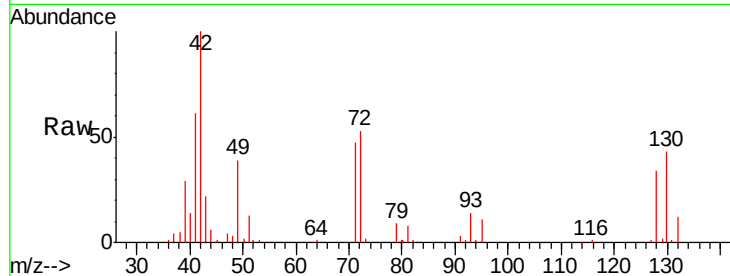
#29
Tetrahydrofuran
Concen: 267.373 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.2	57.4
71	44.4	35.5	53.3

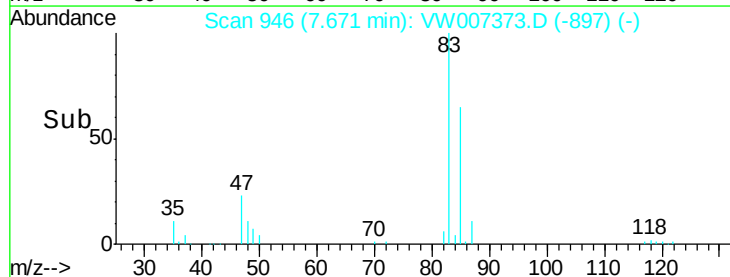
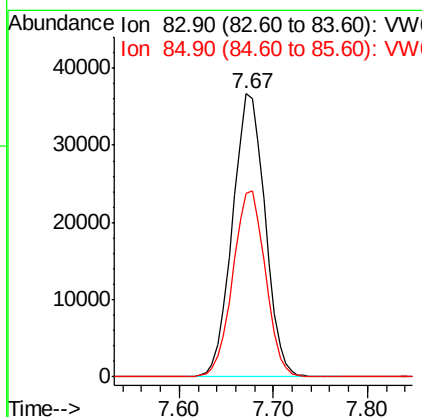
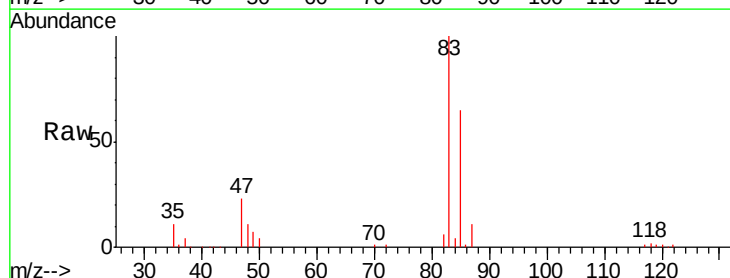
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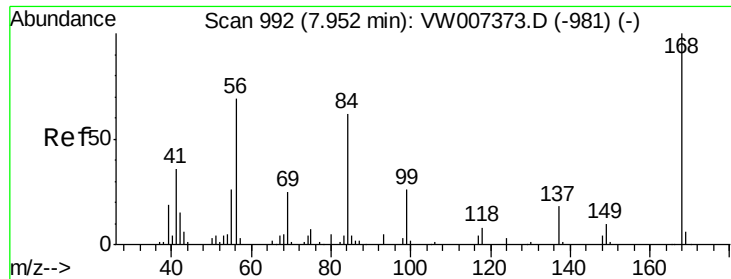
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#30
Chloroform
Concen: 55.058 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





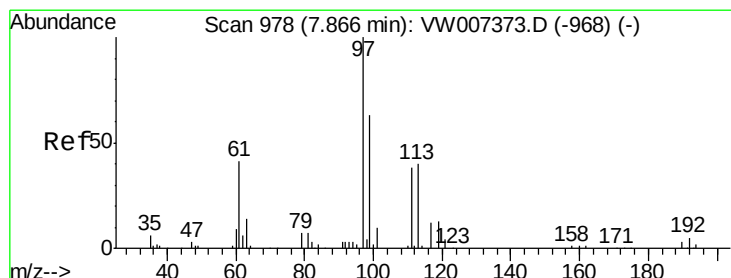
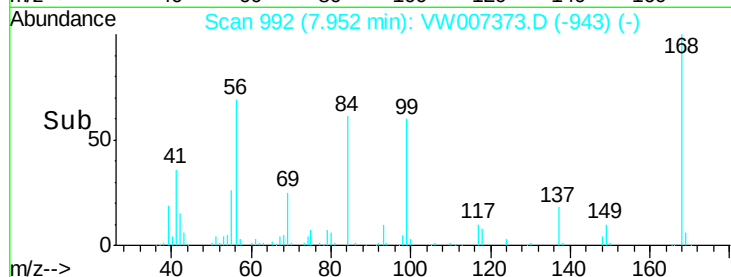
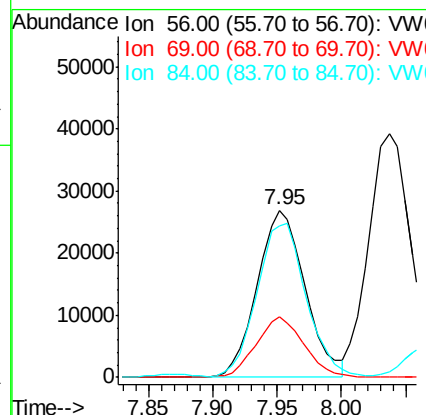
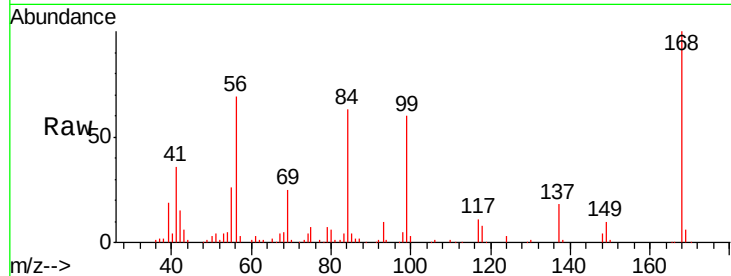
#31
Cyclohexane
Concen: 44.640 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.1	28.9	43.3
84	89.7	71.8	107.6

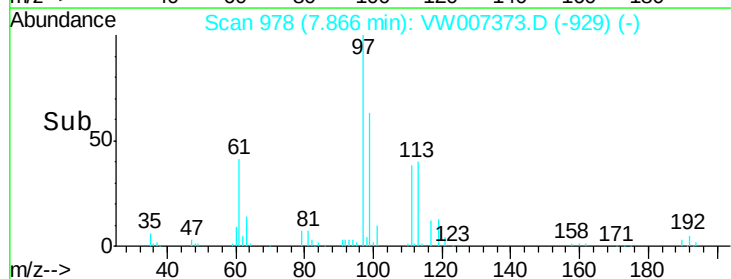
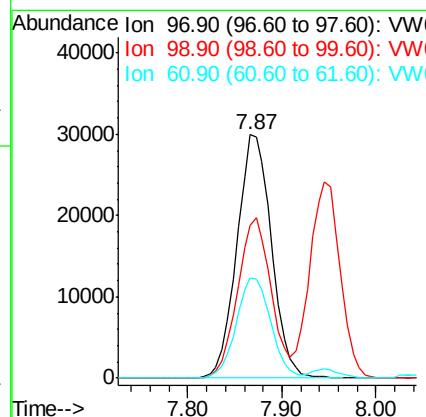
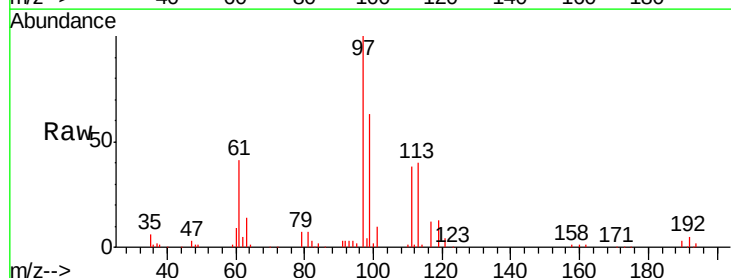
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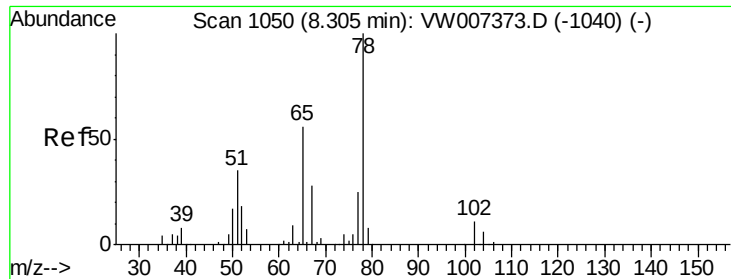
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12/11/2018 4:55:37 PM



#32
1,1,1-Trichloroethane
Concen: 51.445 ug/l
RT: 7.87 min Scan# 978
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.5	33.2	49.8





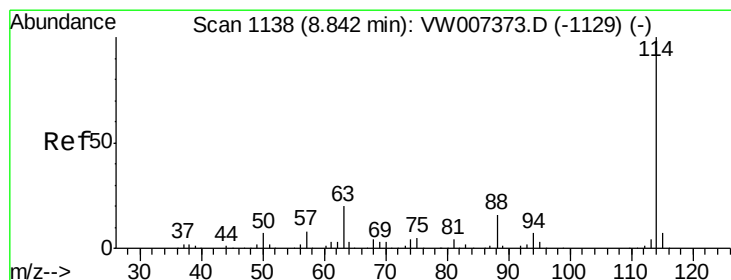
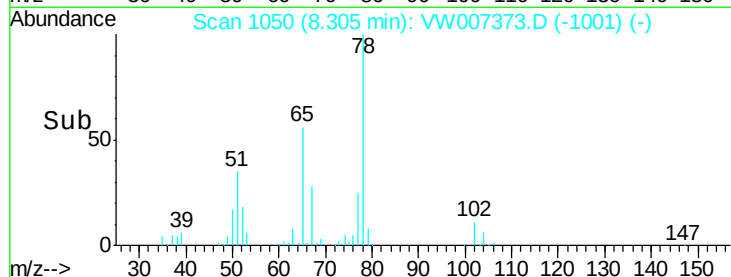
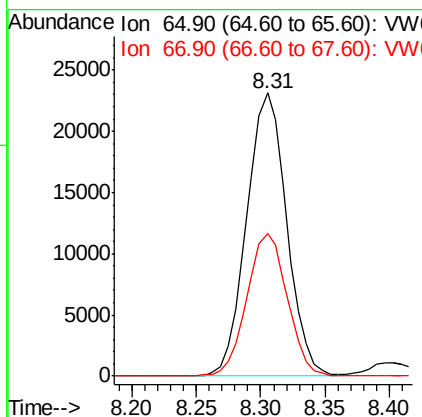
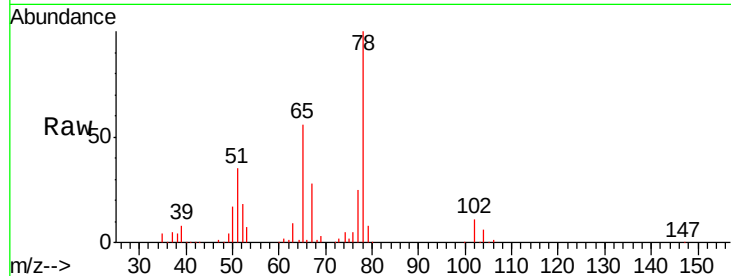
#33
 1,2-Dichloroethane-d4
 Concen: 59.972 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	49806		
67	50.8	0.0	101.6	

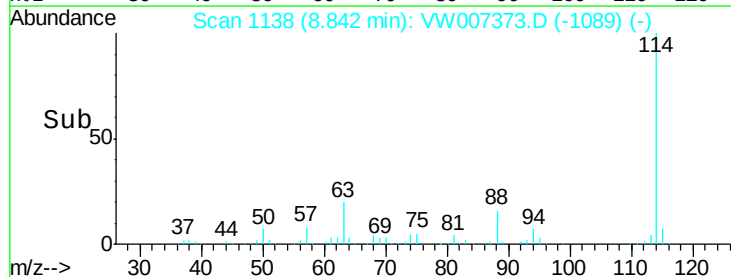
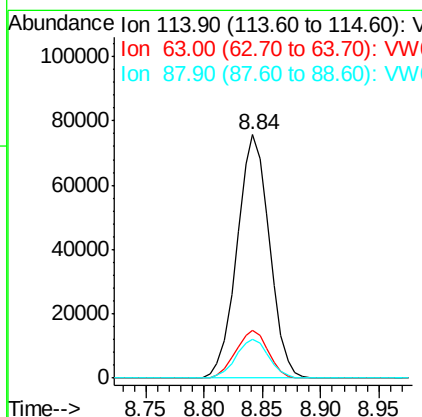
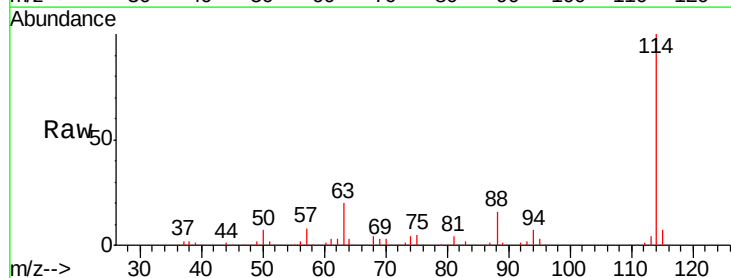
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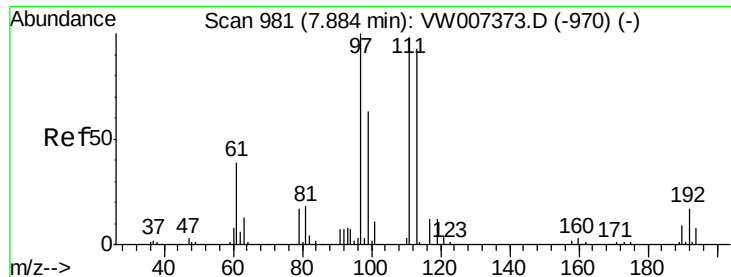
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	146830		
63	19.8	0.0	39.6	
88	15.7	0.0	31.4	





#35

Dibromofluoromethane

Concen: 54.736 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

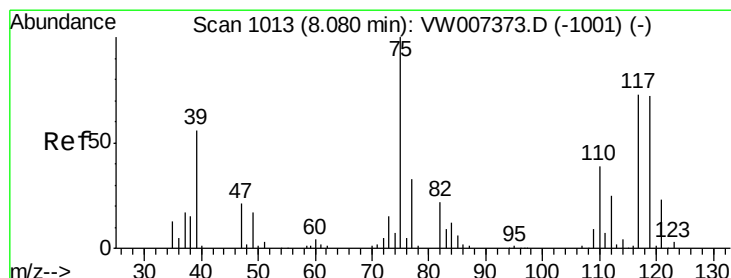
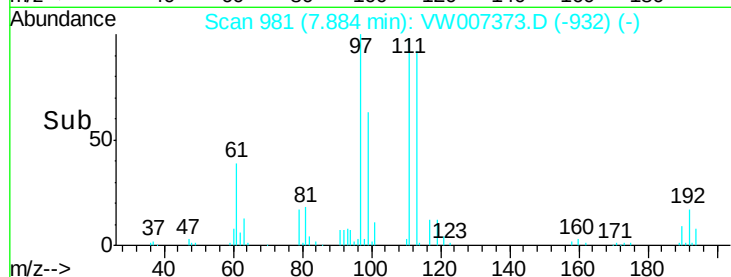
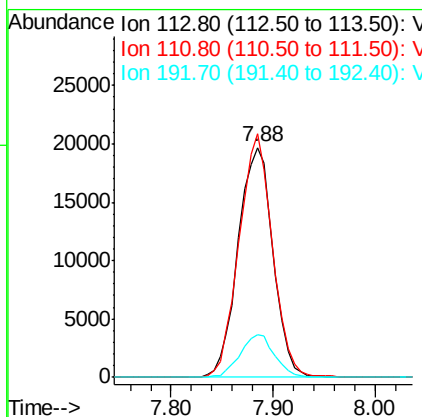
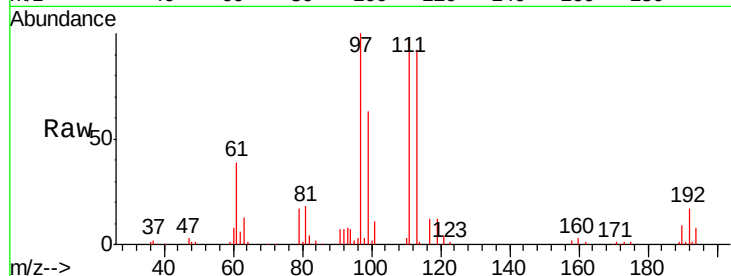
ClientSampleId :

VSTDICCC050

Tgt Ion:	113	Resp:	46772
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	18.2	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 47.279 ug/l

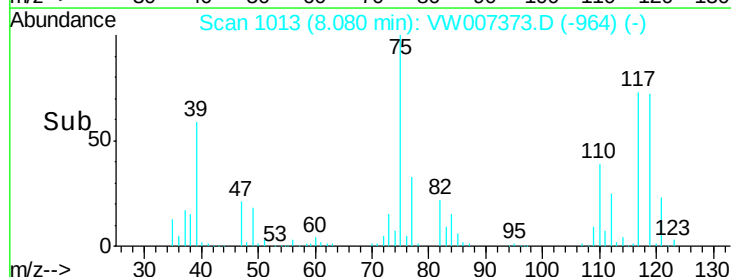
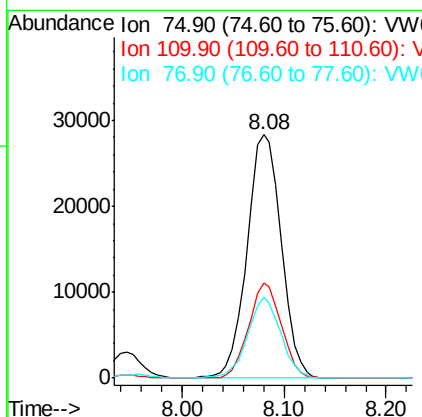
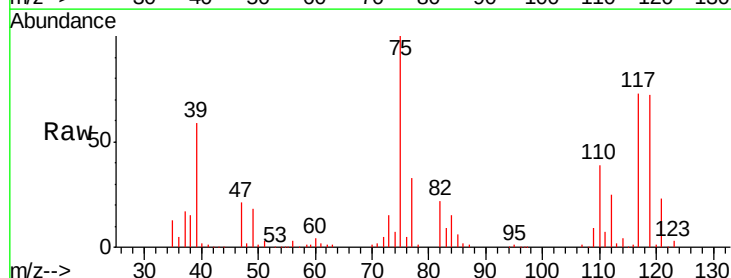
RT: 8.08 min Scan# 1013

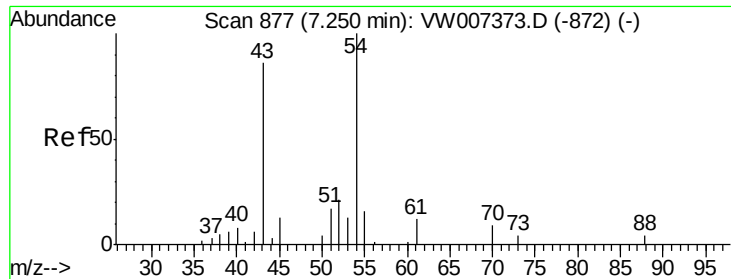
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	75	Resp:	66479
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.5	55.5
77	32.0	25.6	38.4





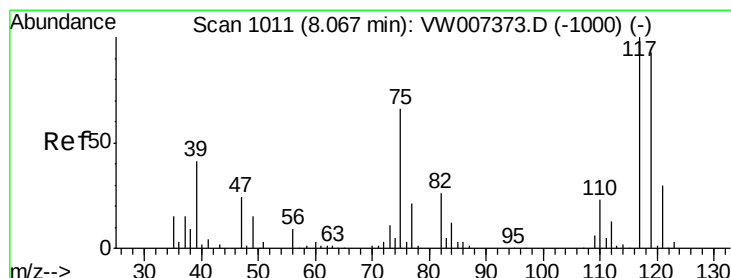
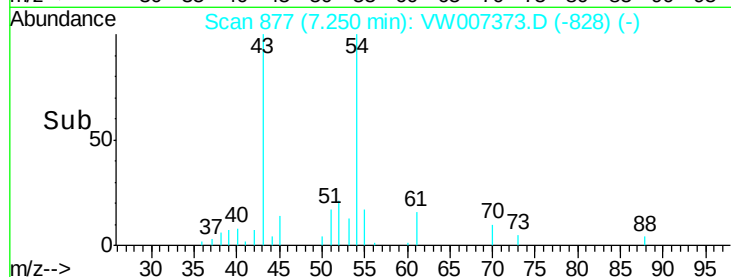
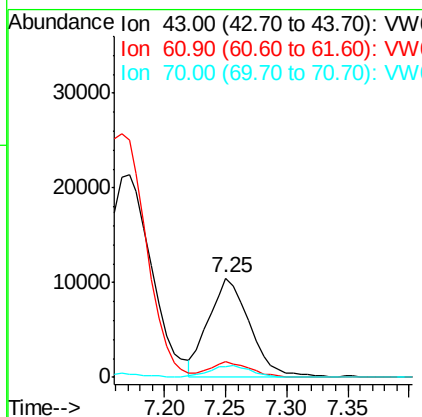
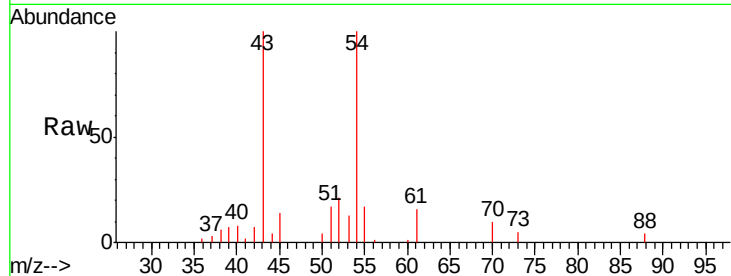
#37
Ethyl Acetate
Concen: 47.690 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 24270
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 12.5 10.0 15.0

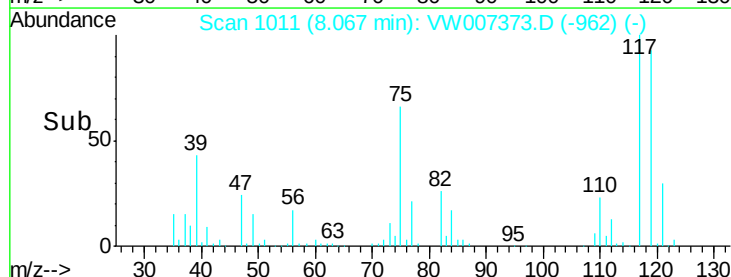
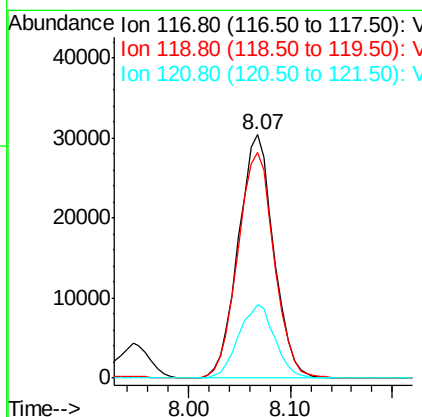
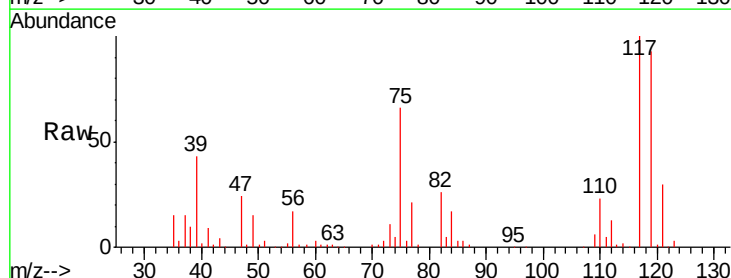
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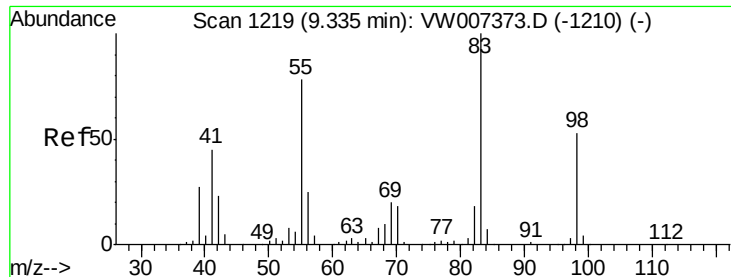
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#38
Carbon Tetrachloride
Concen: 50.246 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion: 117 Resp: 73280
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 30.4 24.3 36.5





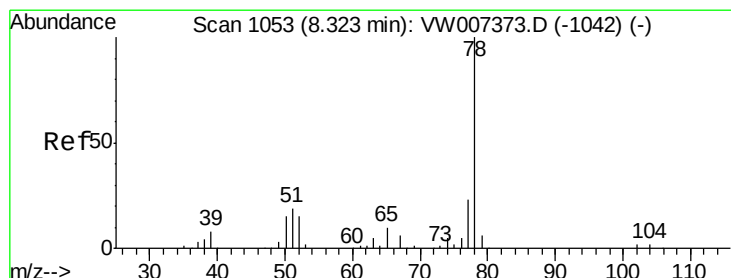
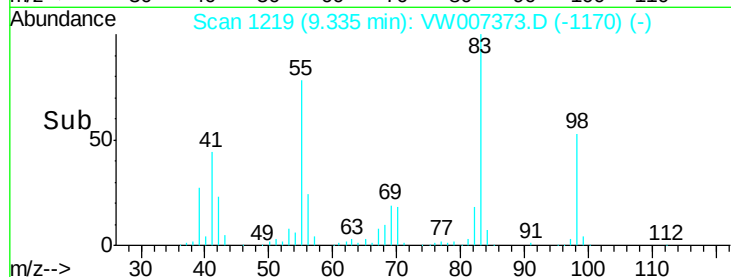
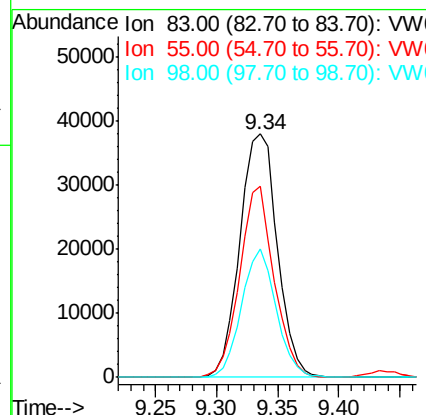
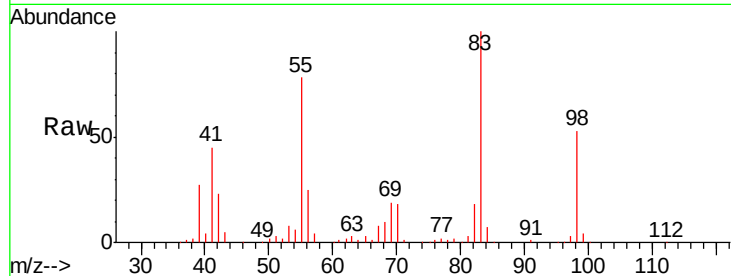
#39
Methylcyclohexane
Concen: 43.350 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.8	94.2
98	52.7	42.2	63.2

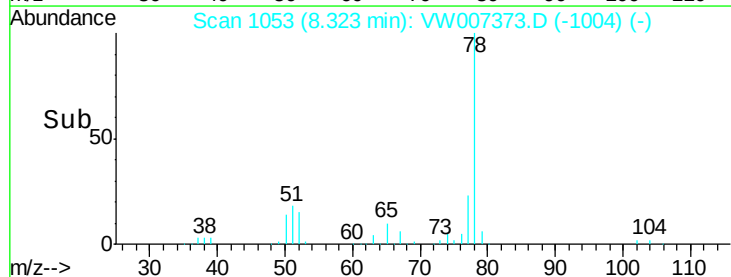
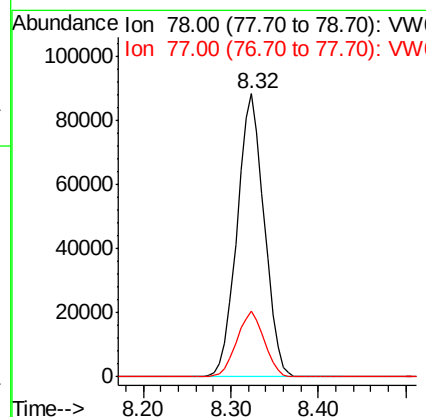
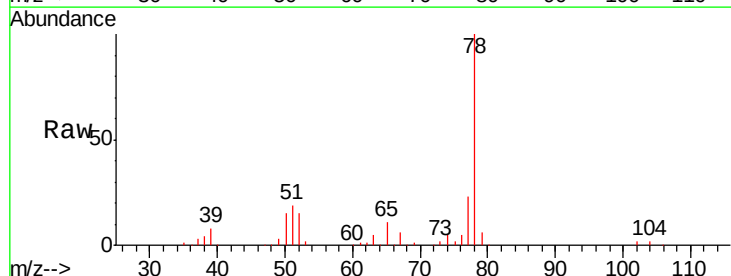
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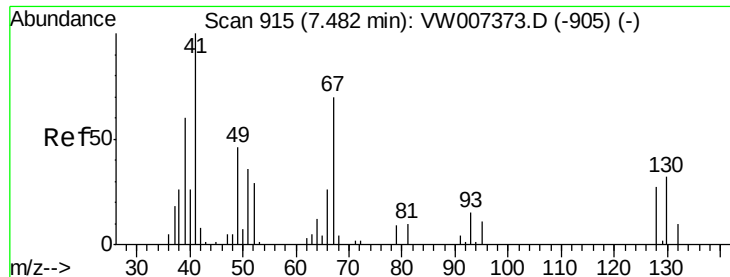
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#40
Benzene
Concen: 48.999 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





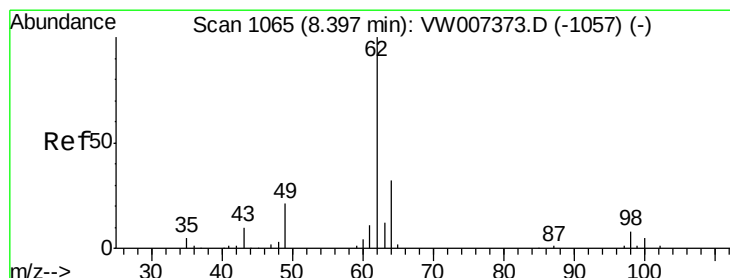
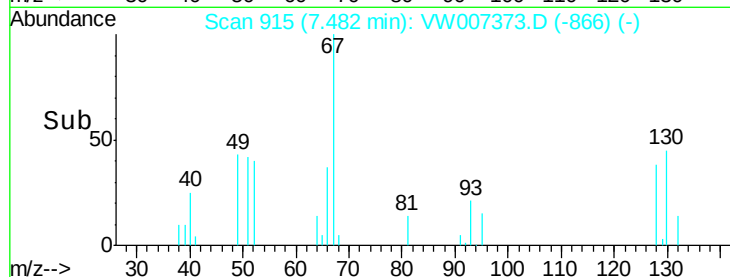
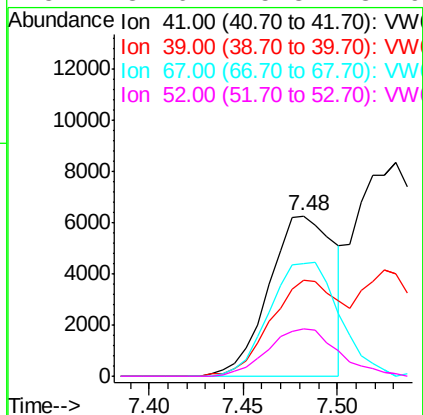
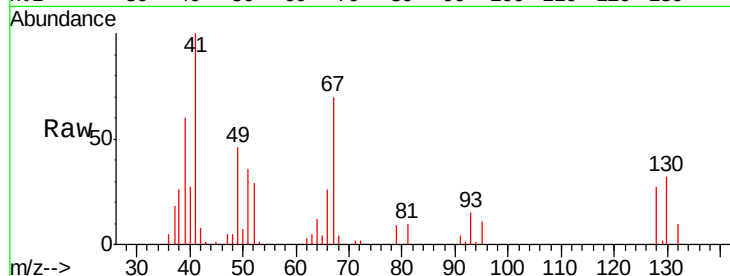
#41
Methacrylonitrile
Concen: 49.882 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	15146
Ion	Ratio	Lower	Upper
41	100		
39	65.2	52.2	78.2
67	75.6	60.5	90.7
52	31.6	25.3	37.9

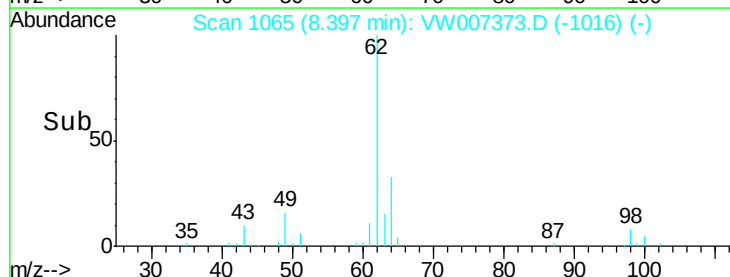
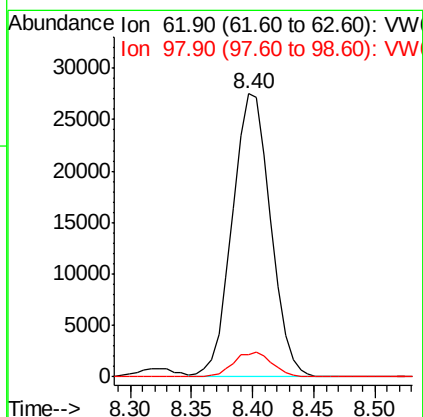
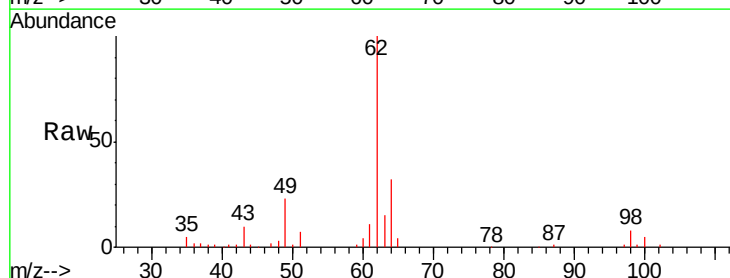
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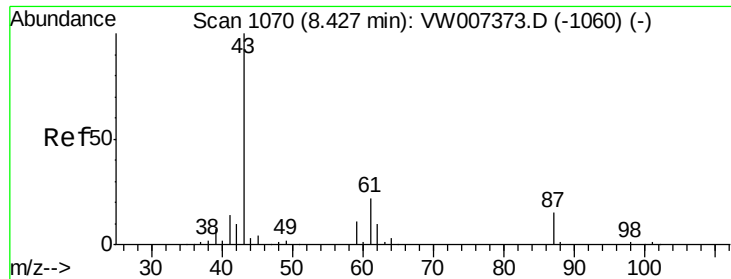
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#42
1,2-Dichloroethane
Concen: 53.812 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion:	62	Resp:	59813
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.149 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

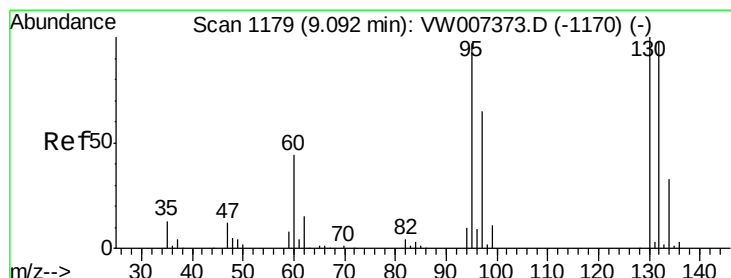
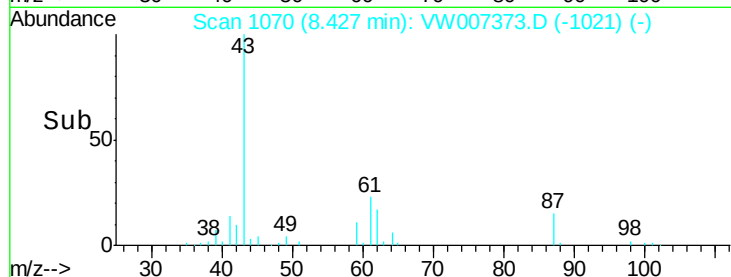
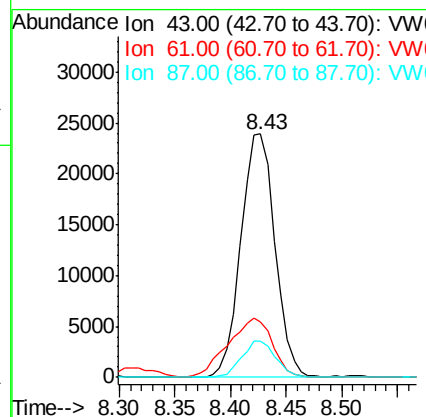
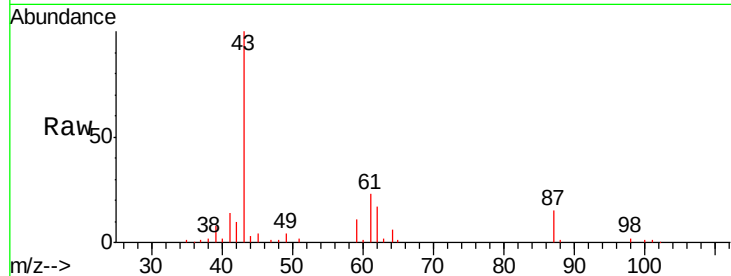
ClientSampleId :

VSTDICCC050

Tgt Ion:	43	Resp:	50989
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.3	37.9
87	14.8	11.8	17.8

Manual Integrations
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#44

Trichloroethene

Concen: 48.654 ug/l

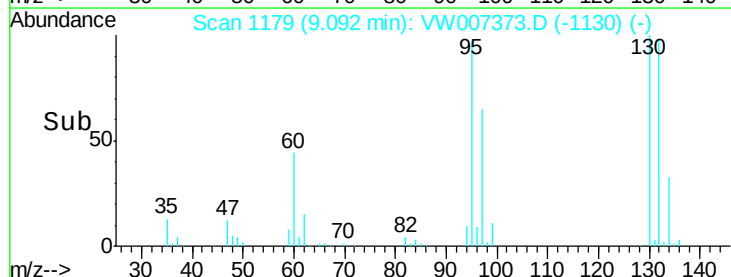
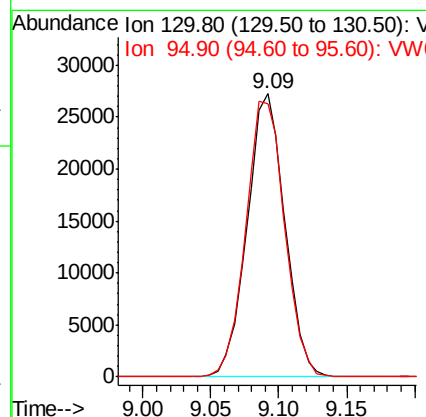
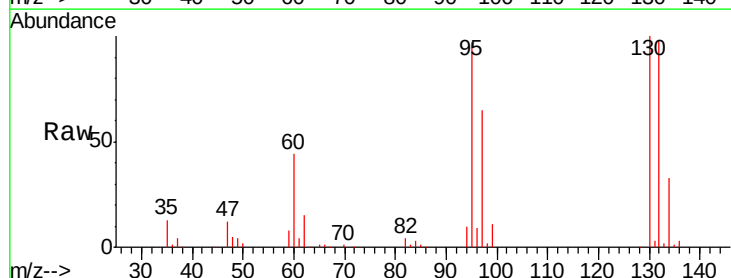
RT: 9.09 min Scan# 1179

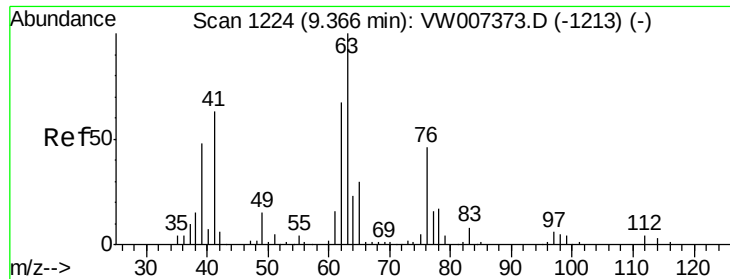
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	130	Resp:	52916
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	193.2





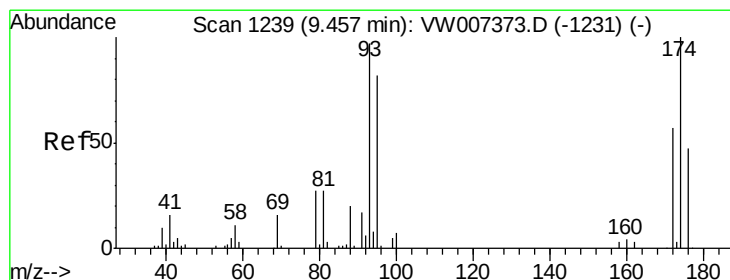
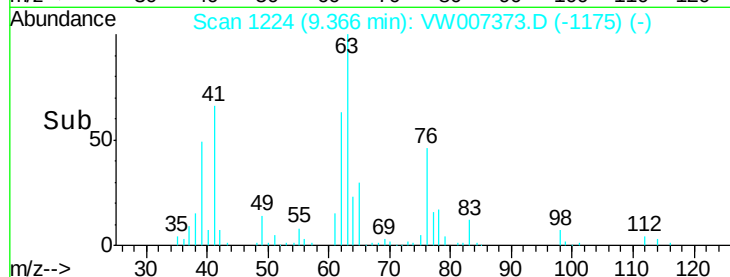
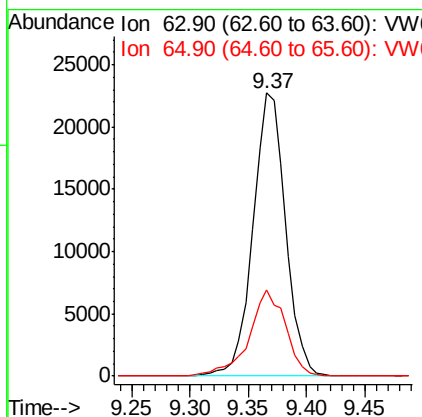
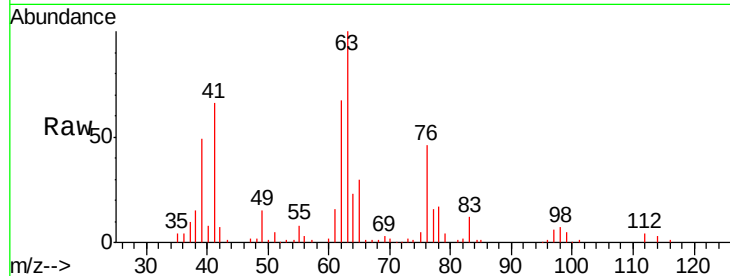
#45
 1,2-Dichloropropane
 Concen: 48.923 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 63 Resp: 44262
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

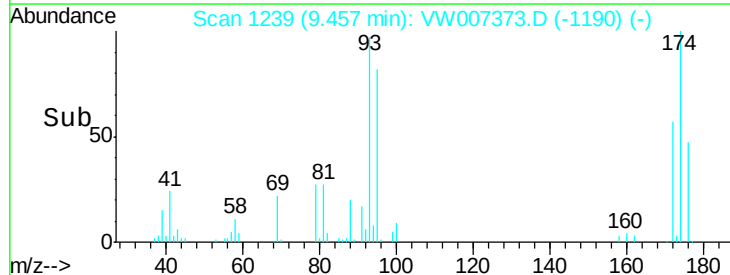
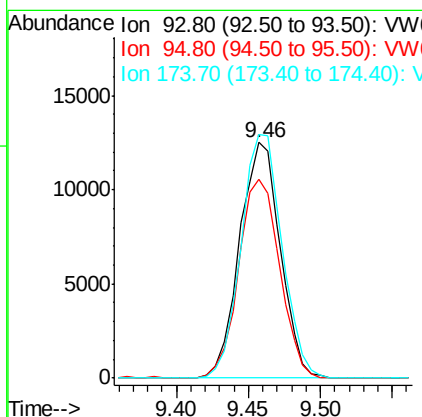
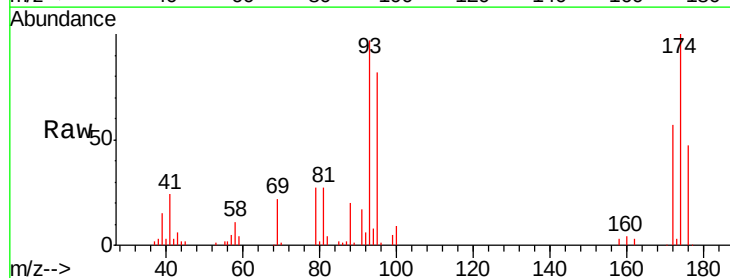
Manual Integrations
 APPROVED

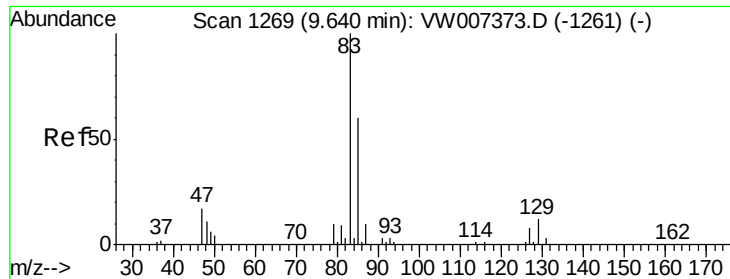
MMDadoda
 12/11/2018 4:55:37 PM



#46
 Dibromomethane
 Concen: 51.245 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 93 Resp: 24443
 Ion Ratio Lower Upper
 93 100
 95 85.0 68.0 102.0
 174 104.0 83.2 124.8





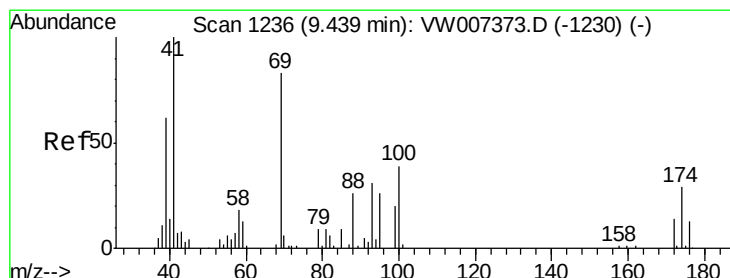
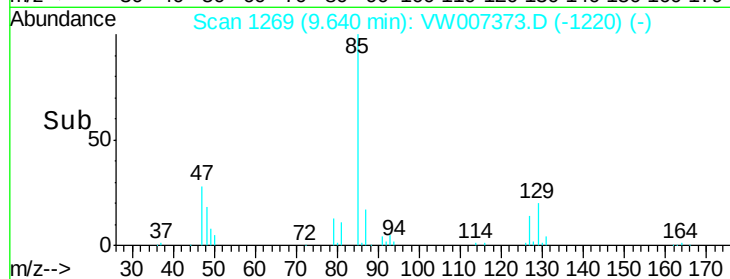
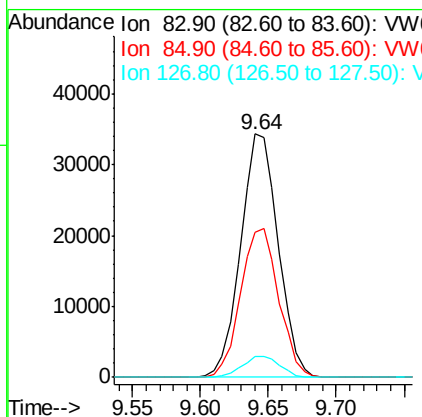
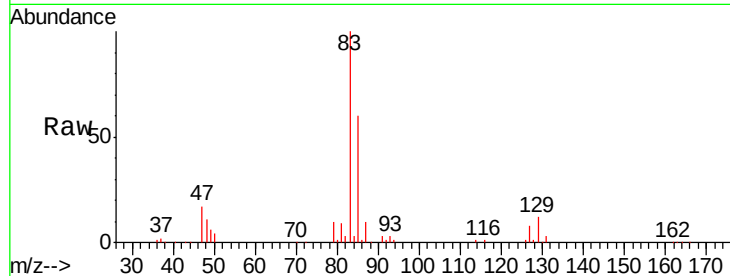
#47
Bromodichloromethane
Concen: 52.810 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	66321		
85	59.5	47.6	71.4	
127	8.4	6.7	10.1	

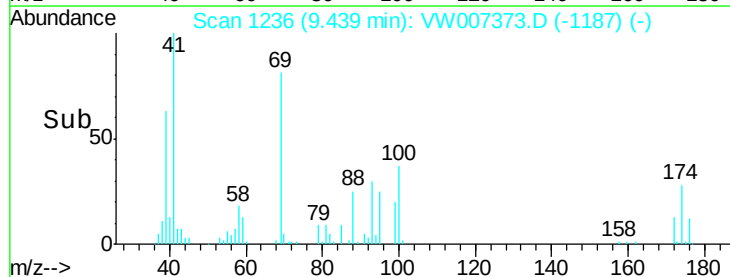
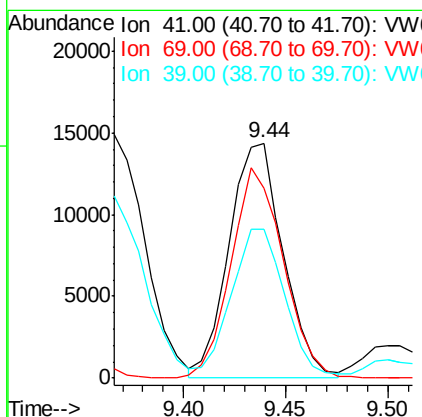
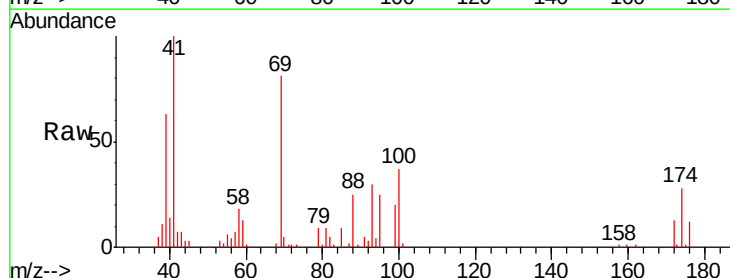
Manual Integrations
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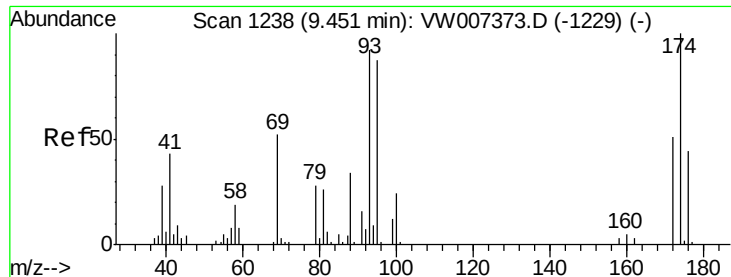
MMDadoda
12/11/2018 4:55:37 PM



#48
Methyl methacrylate
Concen: 51.310 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	26296		
69	87.3	69.8	104.8	
39	63.6	50.9	76.3	





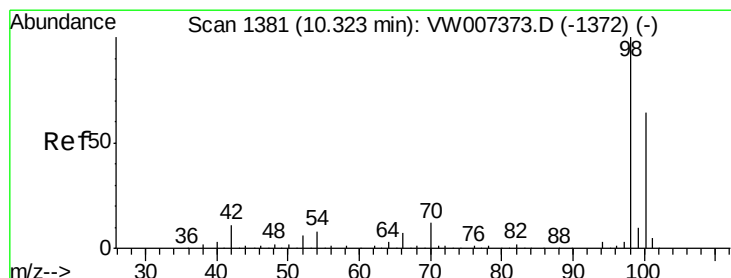
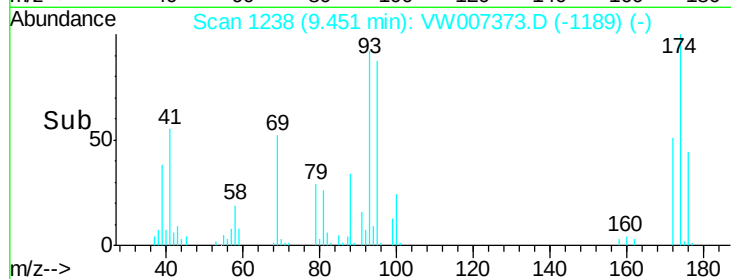
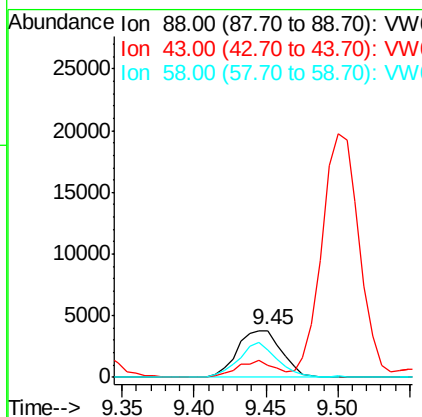
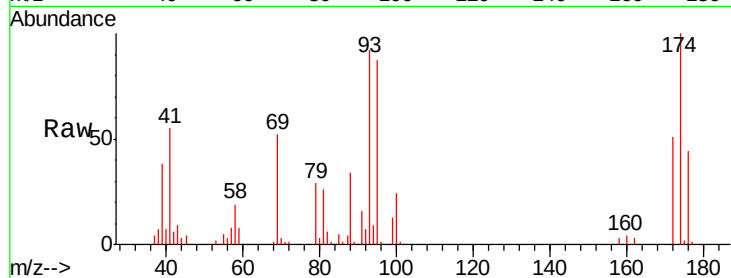
#49
1,4-Dioxane
Concen: 992.708 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.0	37.4
58	64.3	51.4	77.2

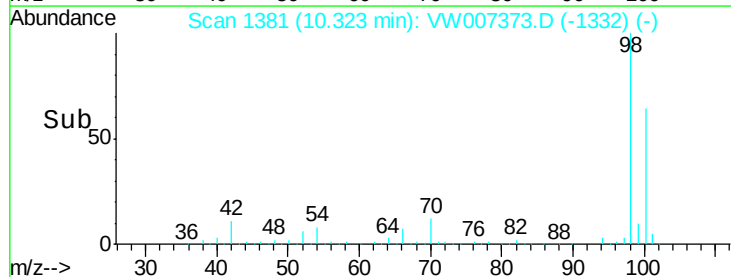
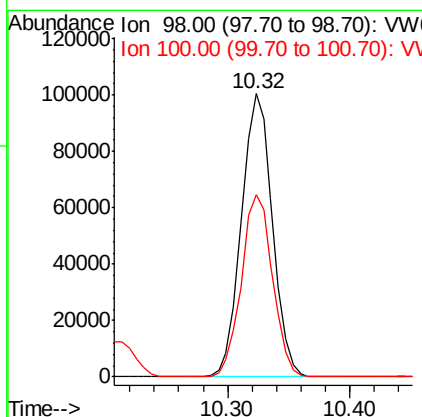
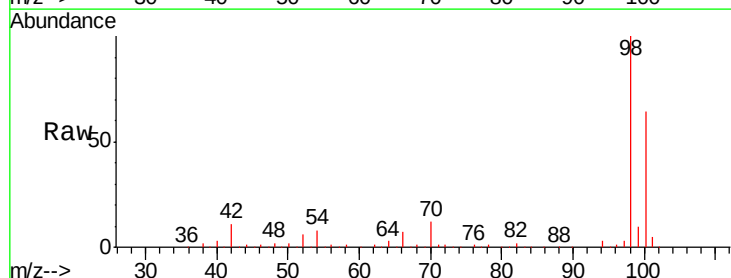
Manual Integrations
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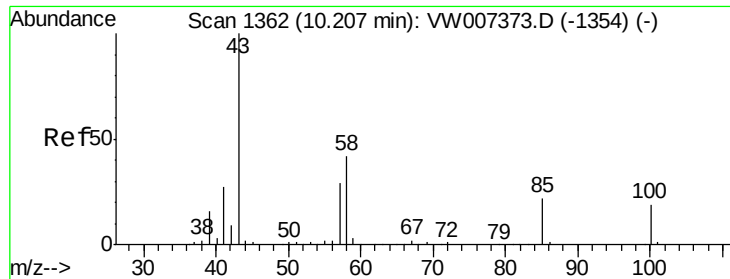
MMDadoda
12/11/2018 4:55:37 PM



#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





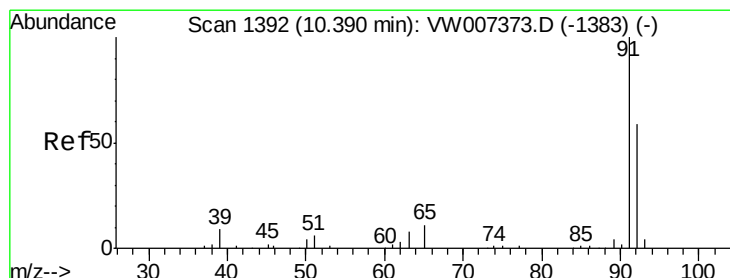
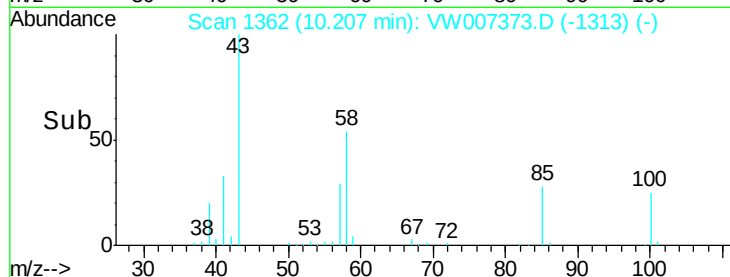
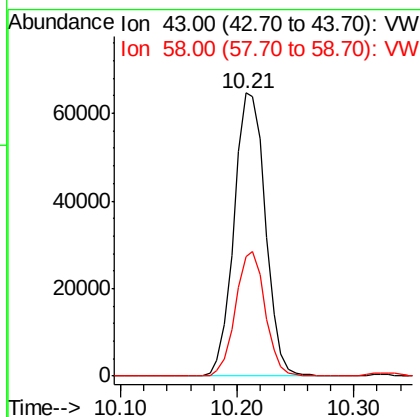
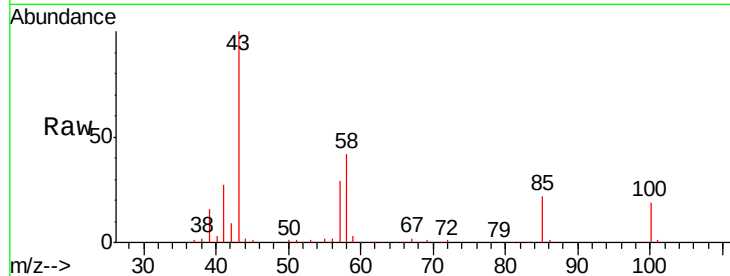
#51
 4-Methyl-2-Pentanone
 Concen: 250.496 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 121505
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.1 49.7

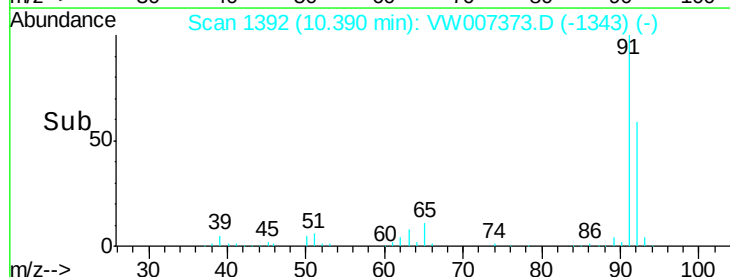
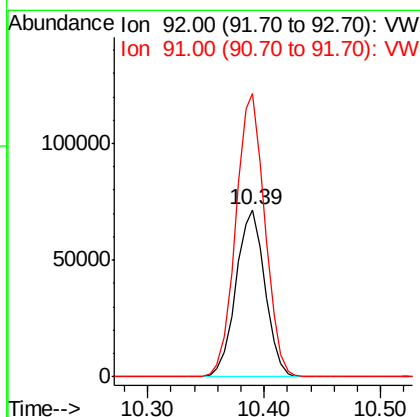
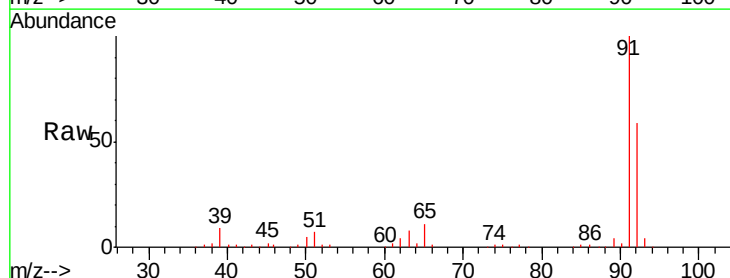
Manual Integrations
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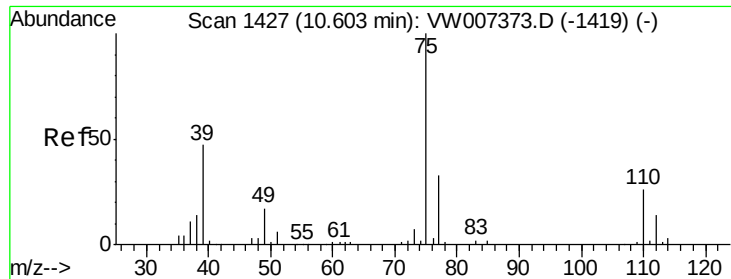
MMDadoda
 12/11/2018 4:55:37 PM



#52
 Toluene
 Concen: 46.338 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 92 Resp: 124012
 Ion Ratio Lower Upper
 92 100
 91 170.2 136.2 204.2





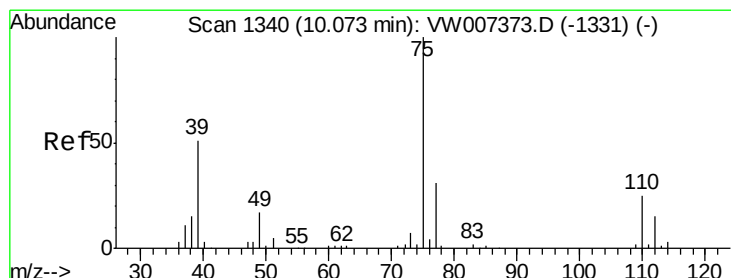
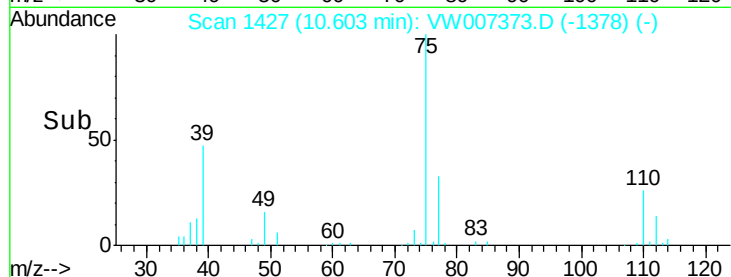
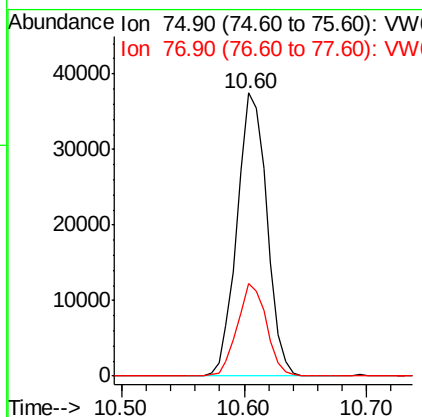
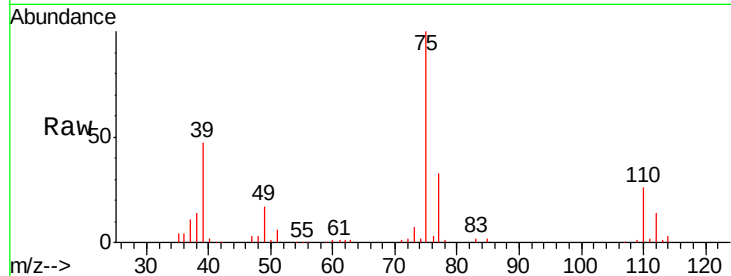
#53
 t-1,3-Dichloropropene
 Concen: 50.994 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 63512
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.4

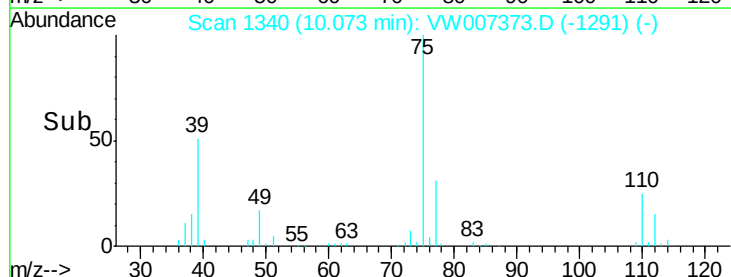
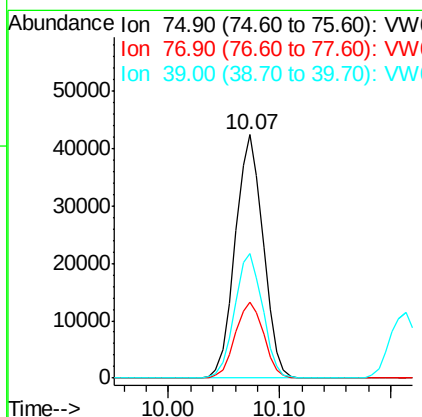
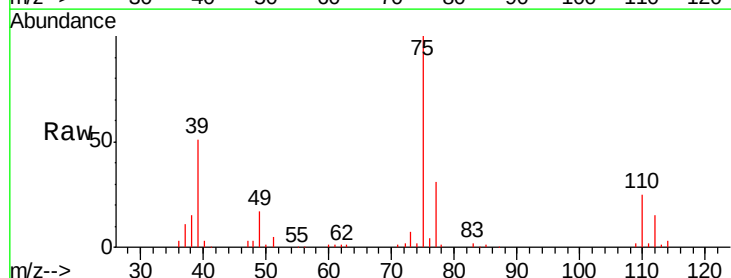
Manual Integrations
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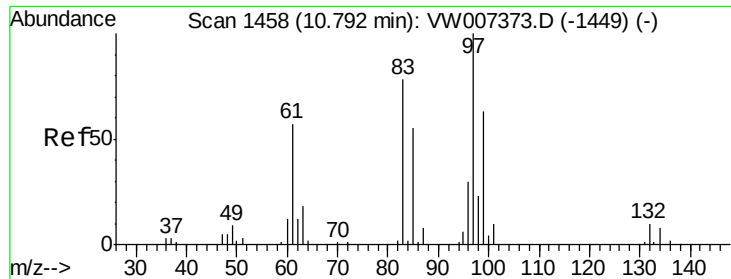
MMDadoda
 12/11/2018 4:55:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 50.685 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 75 Resp: 73822
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 51.1 40.9 61.3





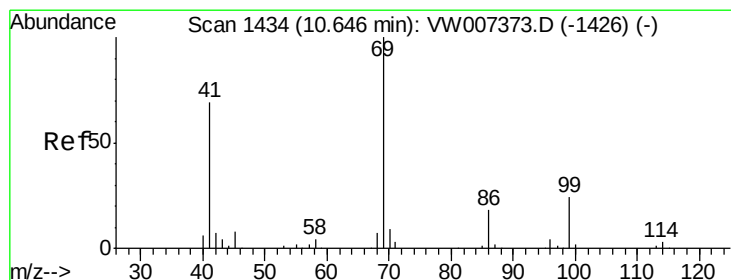
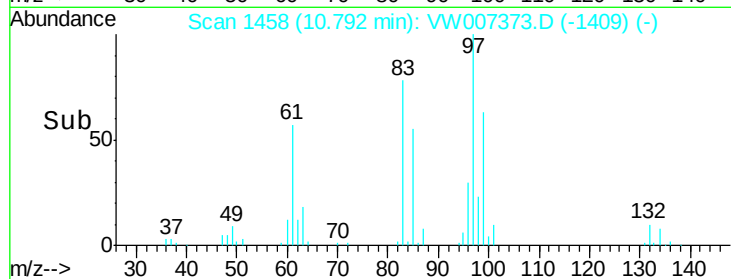
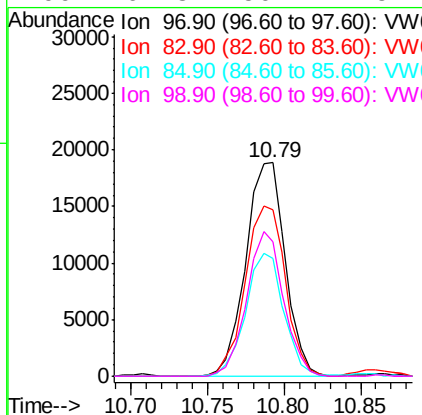
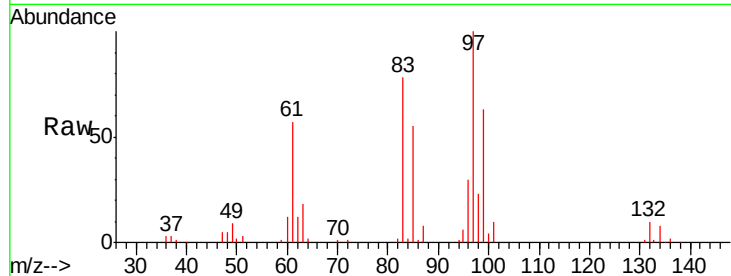
#55
 1,1,2-Trichloroethane
 Concen: 50.255 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	33819		
83	77.6	62.1	93.1	
85	55.3	44.2	66.4	
99	62.8	50.2	75.4	

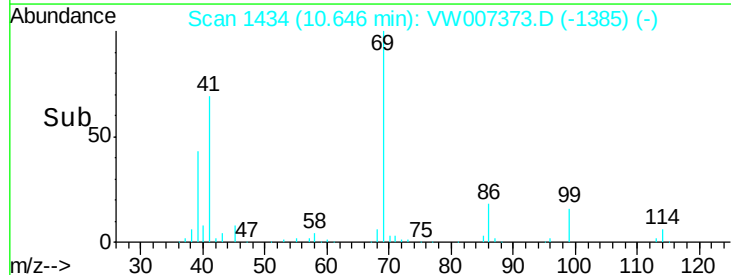
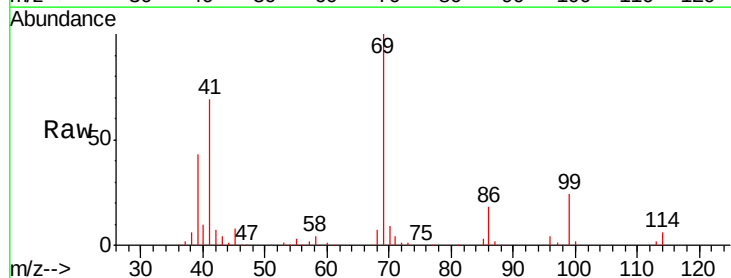
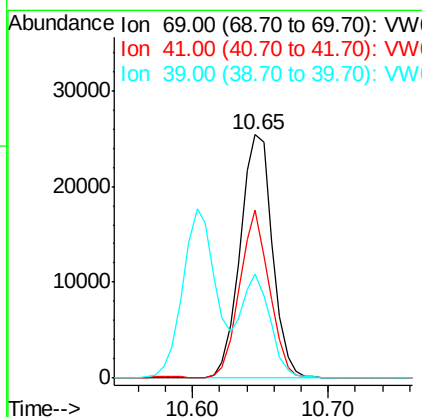
Manual Integrations
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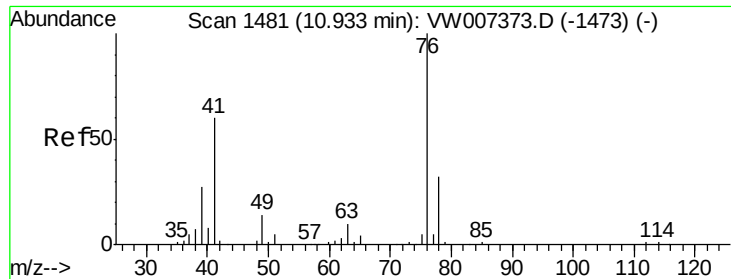
MMDadoda
 12/11/2018 4:55:37 PM



#56
 Ethyl methacrylate
 Concen: 48.780 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	42035		
41	63.8	51.0	76.6	
39	38.5	30.8	46.2	





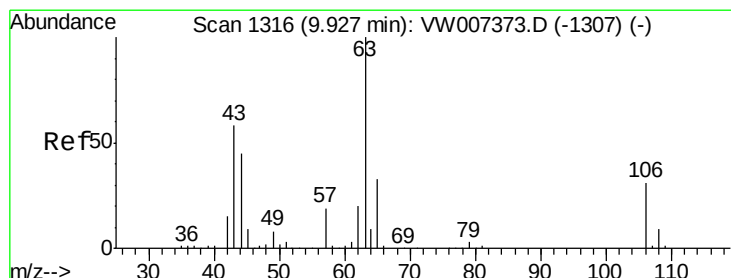
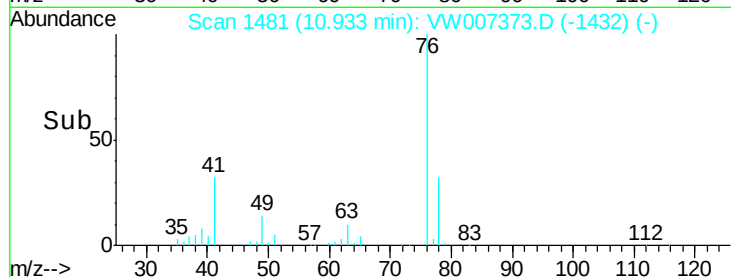
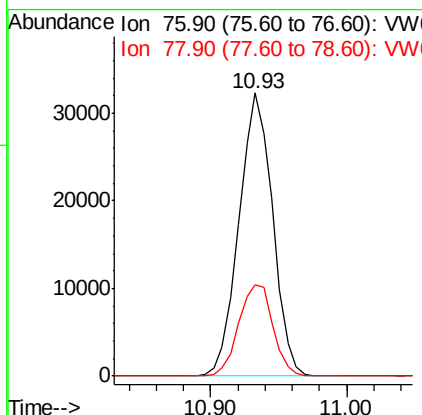
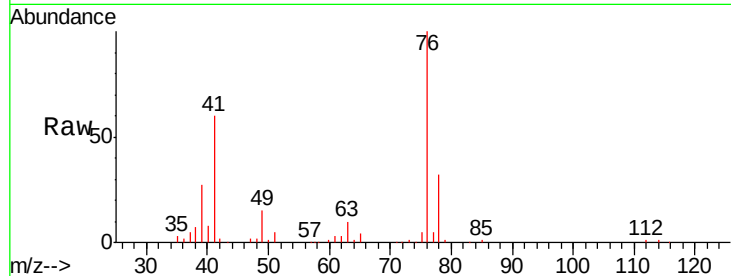
#57
 1,3-Dichloropropane
 Concen: 49.509 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 76 Resp: 55866
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

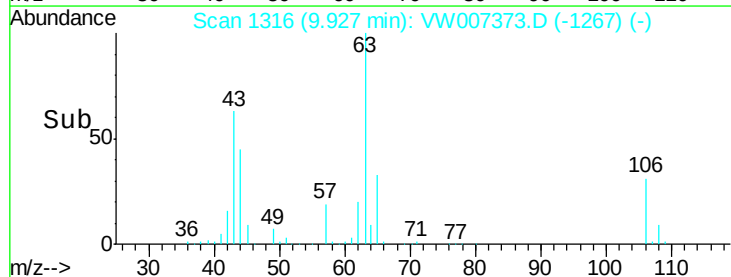
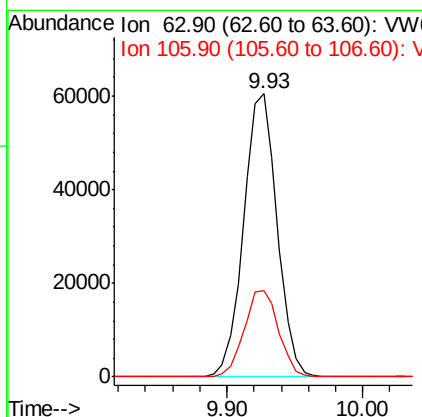
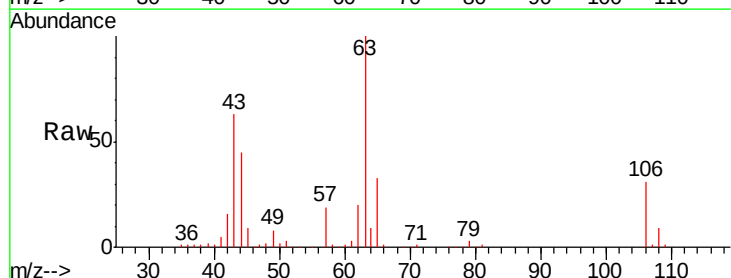
Manual Integrations
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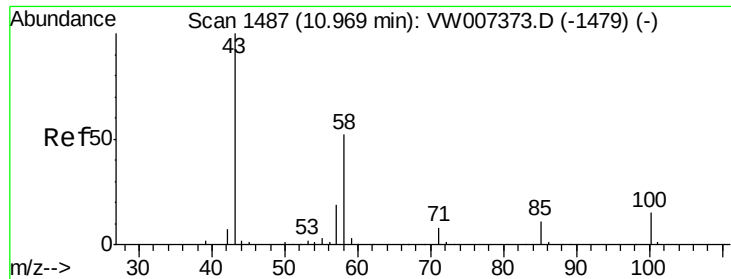
MMDadoda
 12/11/2018 4:55:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.423 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 63 Resp: 104021
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.0 37.6





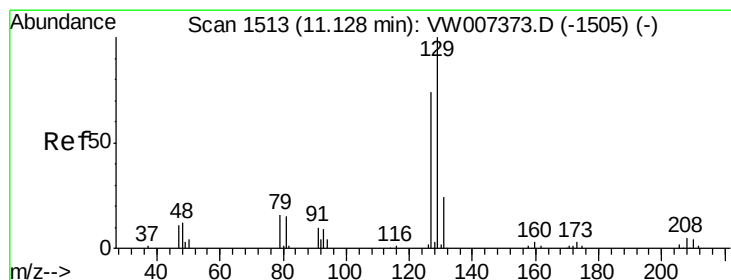
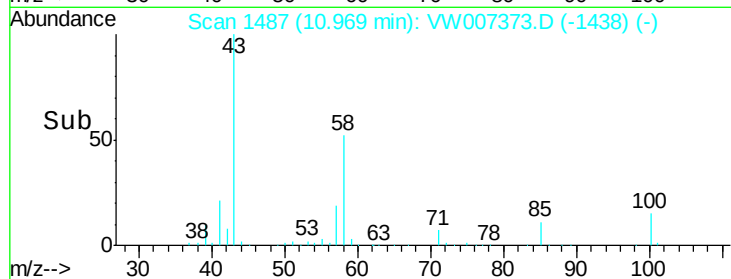
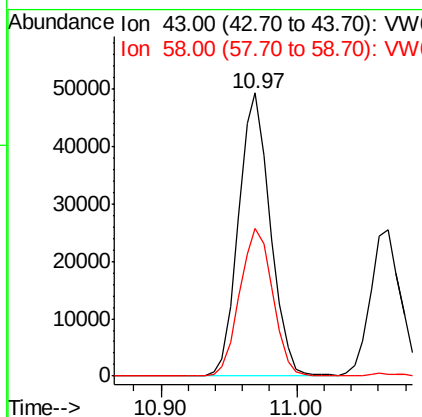
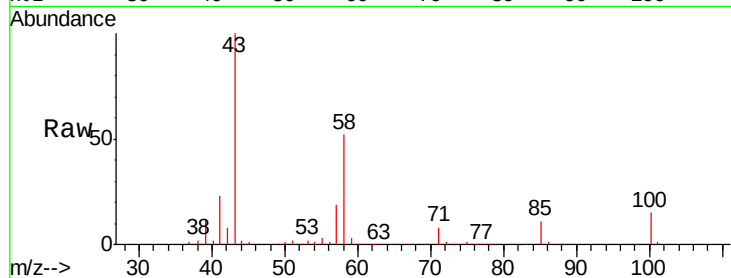
#59
2-Hexanone
Concen: 232.854 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 80445
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

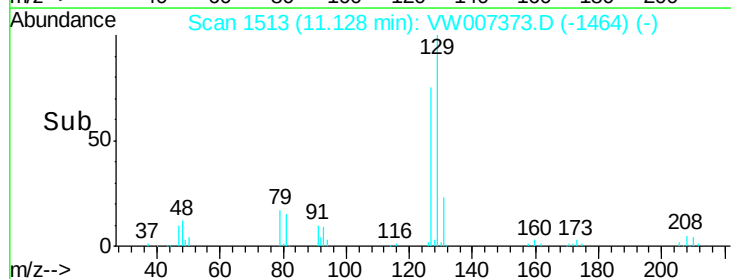
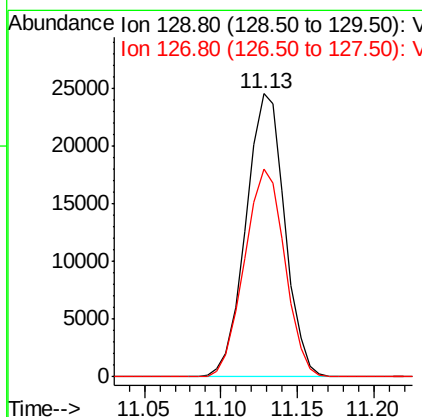
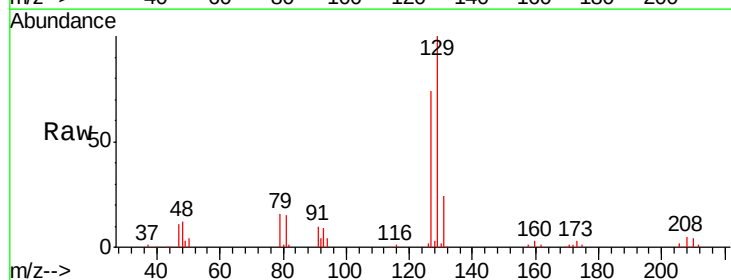
Manual Integrations
APPROVED

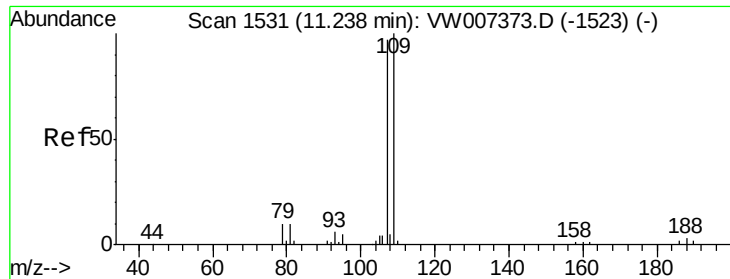
MMDadoda
12/11/2018 4:55:37 PM



#60
Dibromochloromethane
Concen: 52.080 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion: 129 Resp: 43320
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.3





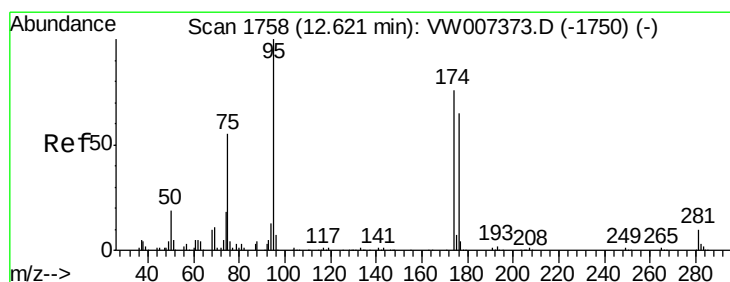
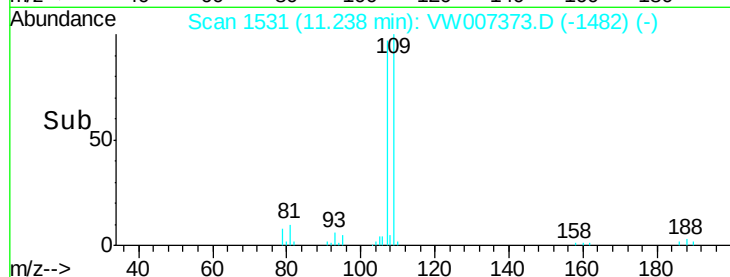
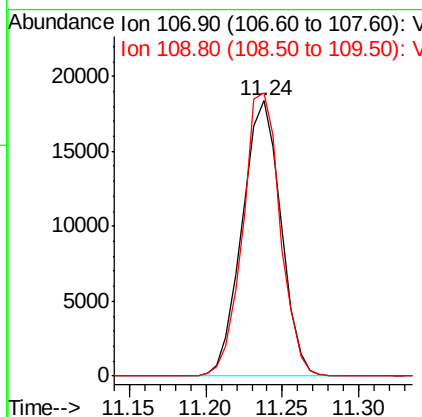
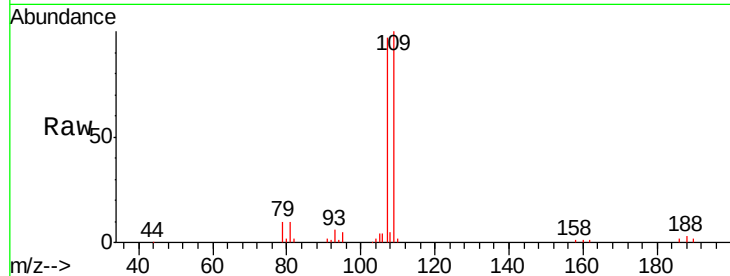
#61
 1,2-Dibromoethane
 Concen: 50.615 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 107 Resp: 32453
 Ion Ratio Lower Upper
 107 100
 109 98.9 79.1 118.7

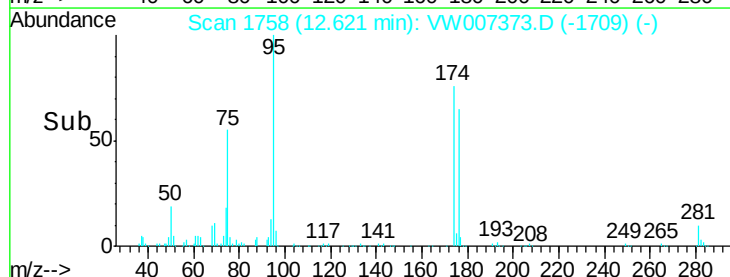
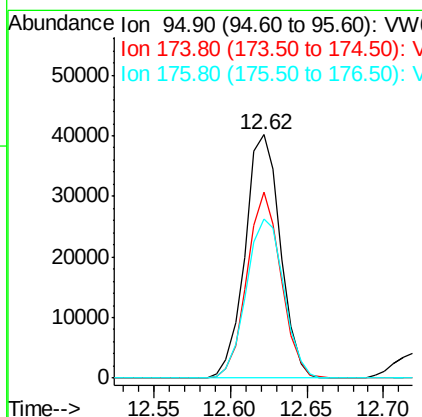
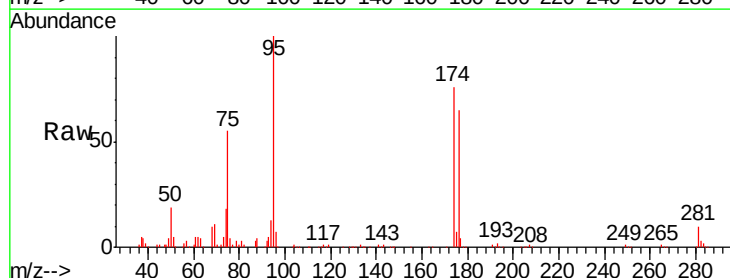
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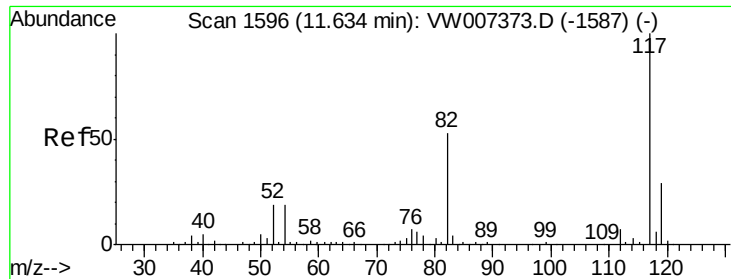
MMDadoda
 12/11/2018 4:55:37 PM



#62
 4-Bromofluorobenzene
 Concen: 46.911 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 95 Resp: 64367
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 147.2
 176 69.4 0.0 138.8





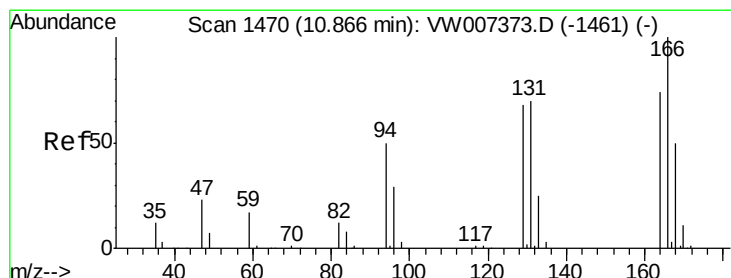
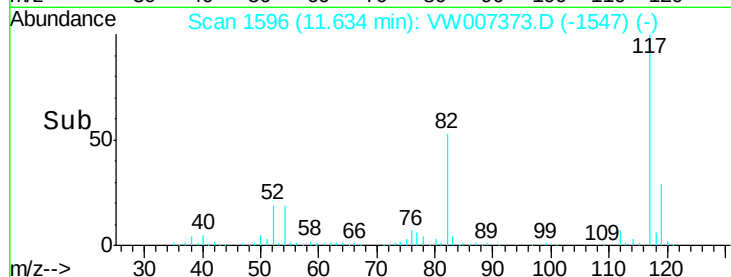
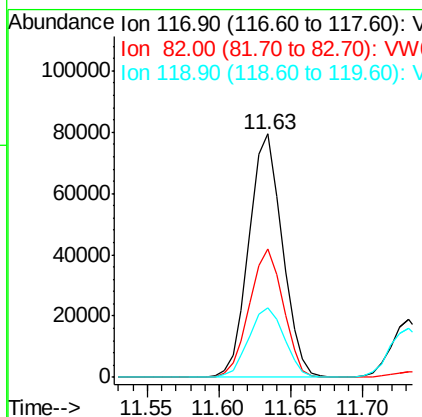
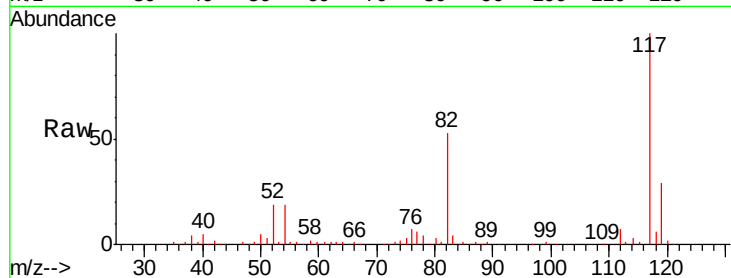
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.3	63.5
119	28.8	23.0	34.6

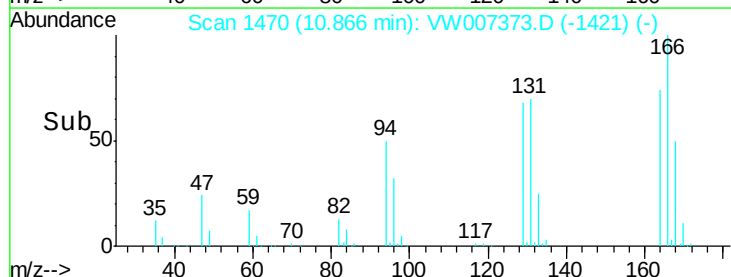
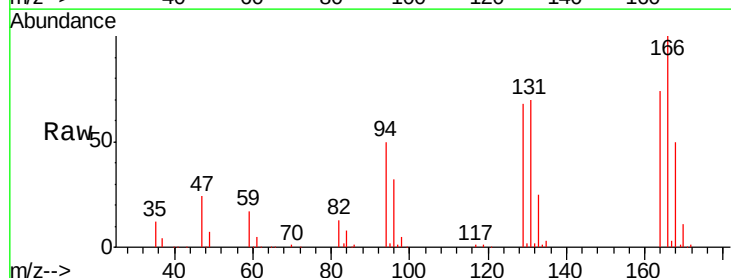
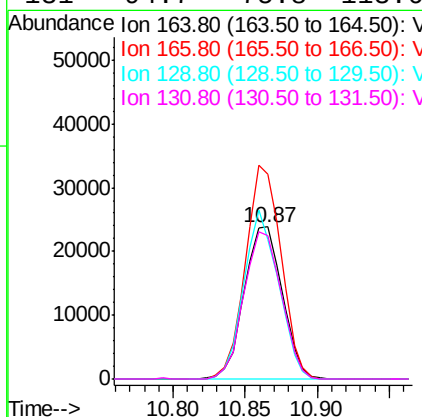
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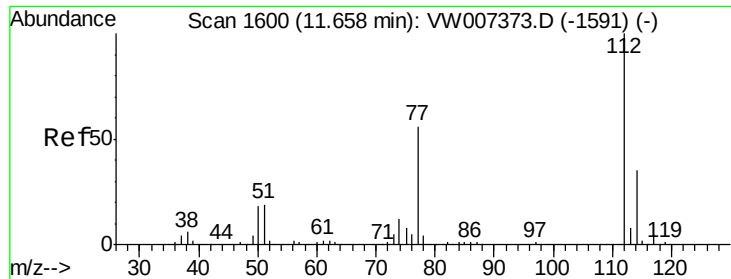
MMDadoda
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#64
Tetrachloroethene
Concen: 47.707 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.9	107.9	161.9
129	91.8	73.4	110.2
131	94.7	75.8	113.6





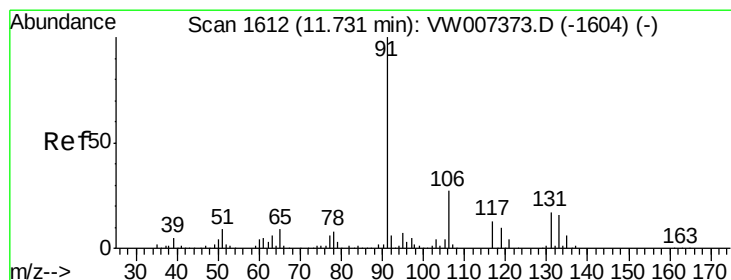
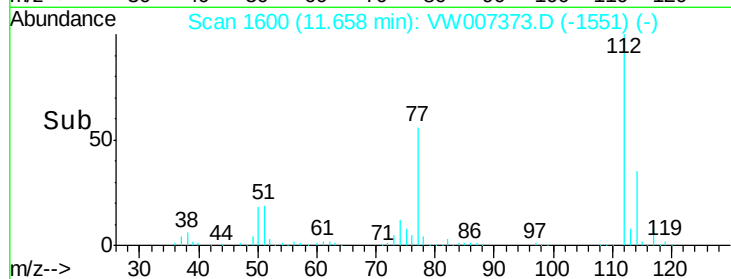
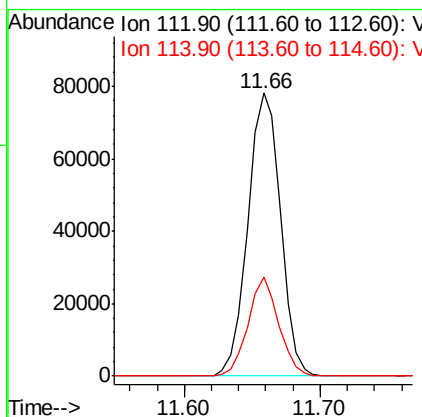
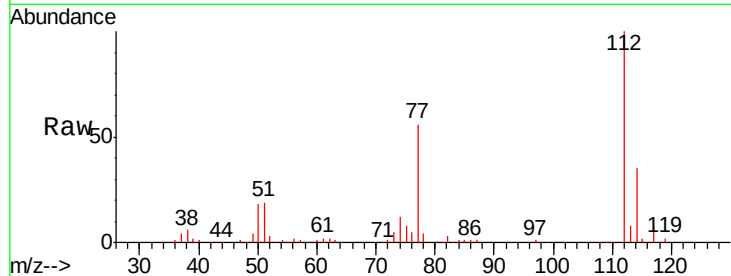
#65
Chlorobenzene
Concen: 47.161 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 131594
Ion Ratio Lower Upper
112 100
114 34.8 27.8 41.8

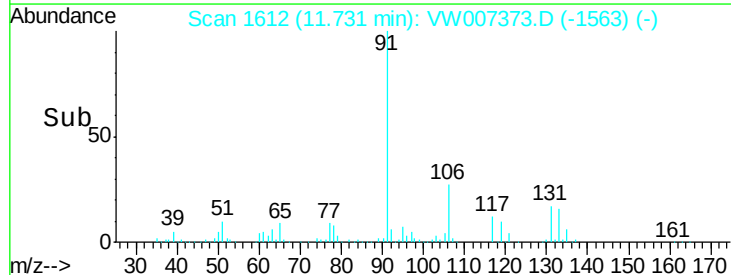
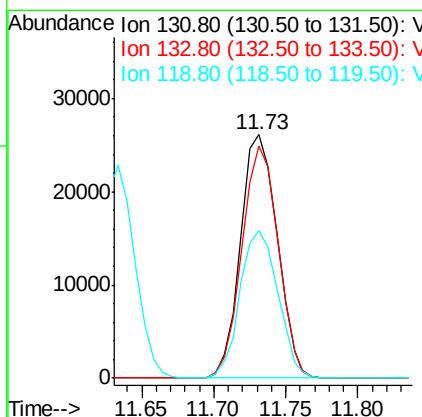
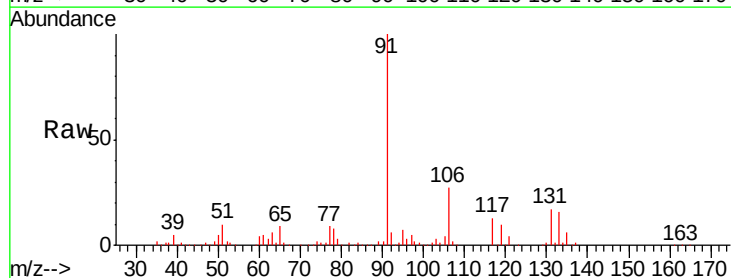
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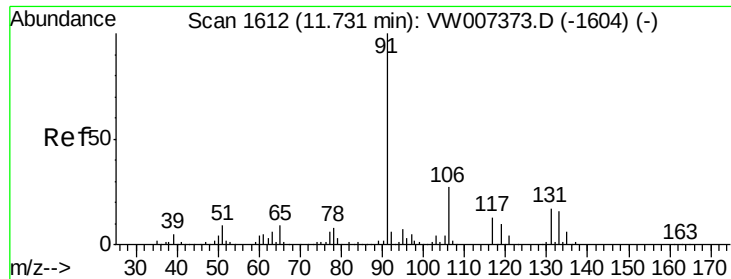
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion:131 Resp: 46216
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 62.6 31.3 93.9





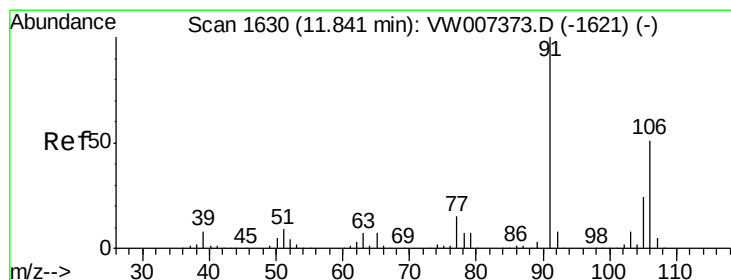
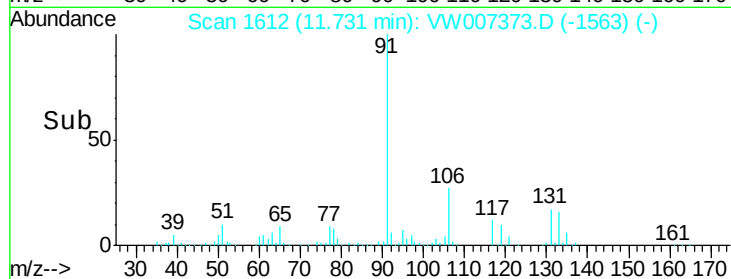
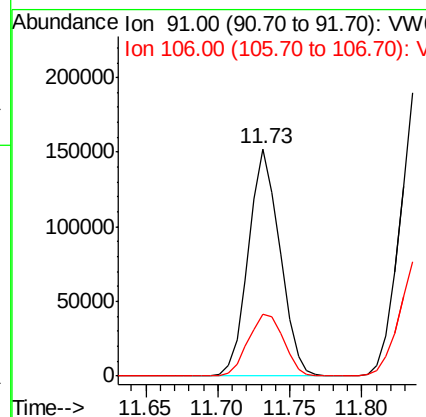
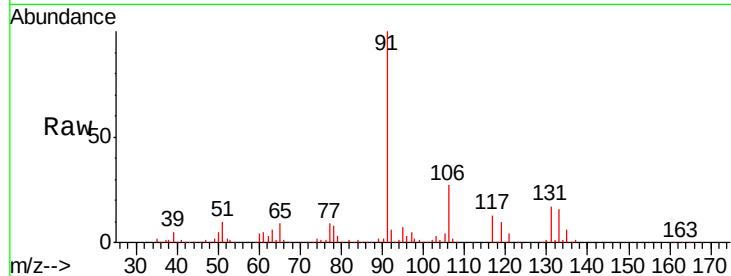
#67
Ethyl Benzene
Concen: 45.294 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 229882
Ion Ratio Lower Upper
91 100
106 27.3 21.8 32.8

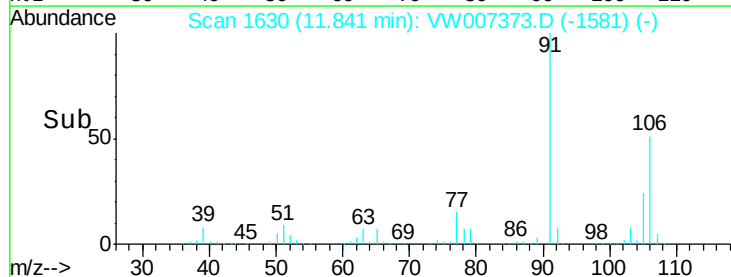
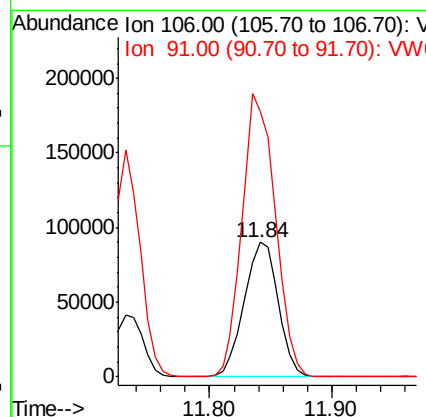
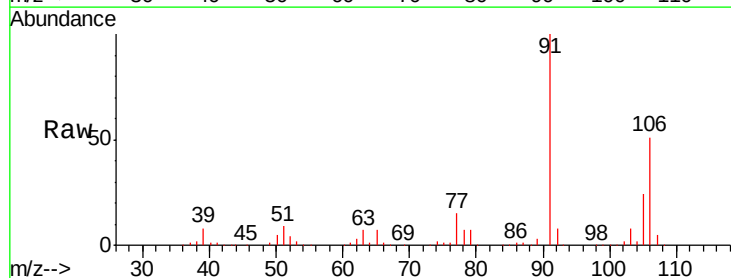
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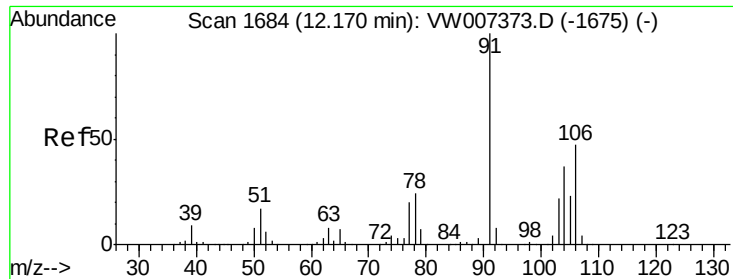
MMDadoda
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#68
m/p-Xylenes
Concen: 87.806 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion: 106 Resp: 173751
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9





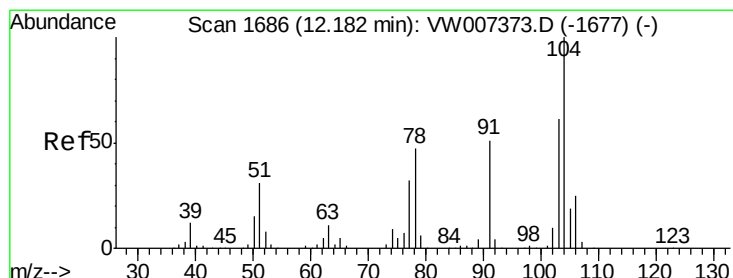
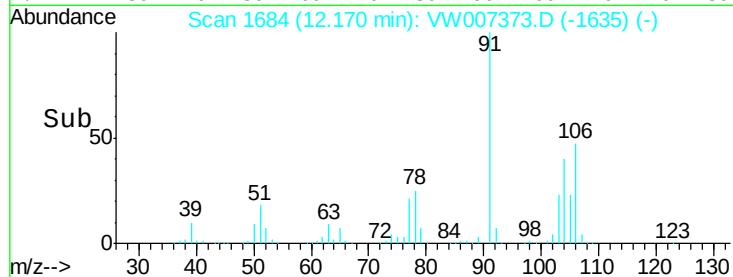
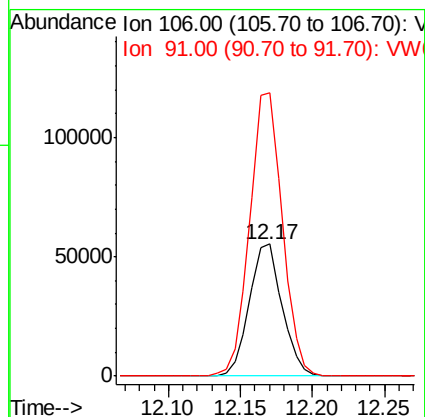
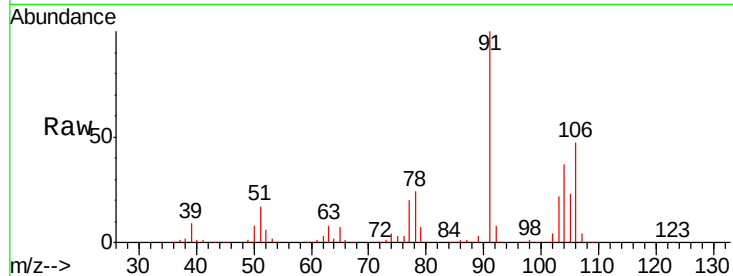
#69
o-Xylene
Concen: 46.627 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 86916
Ion Ratio Lower Upper
106 100
91 213.2 106.6 319.8

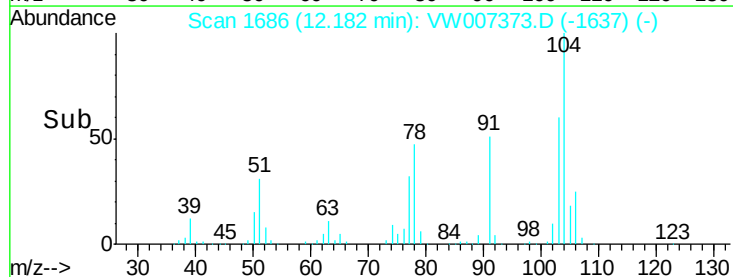
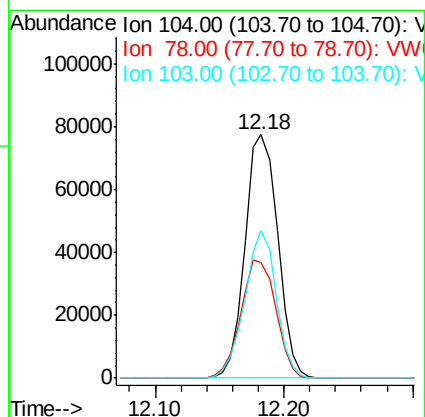
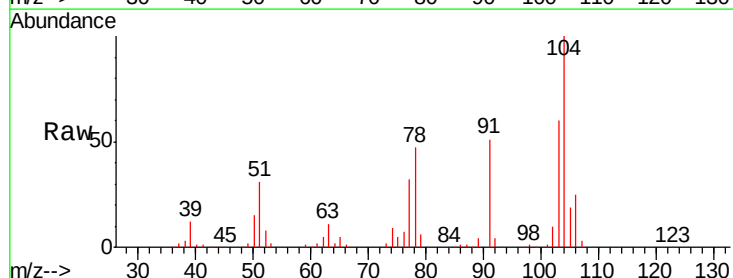
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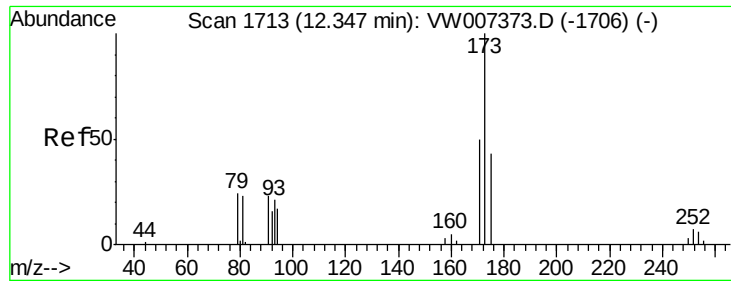
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#70
Styrene
Concen: 44.830 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion:104 Resp: 135733
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 58.2 46.6 69.8





#71

Bromoform

Concen: 53.867 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

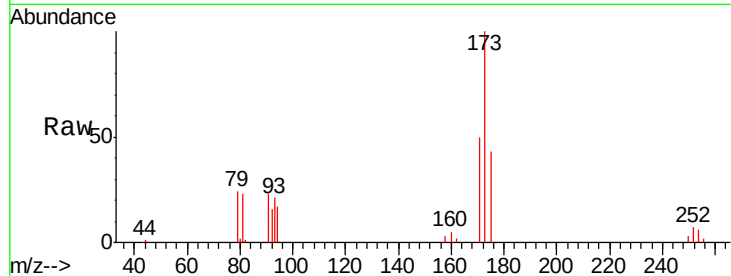
ClientSampleId :

VSTDICCC050

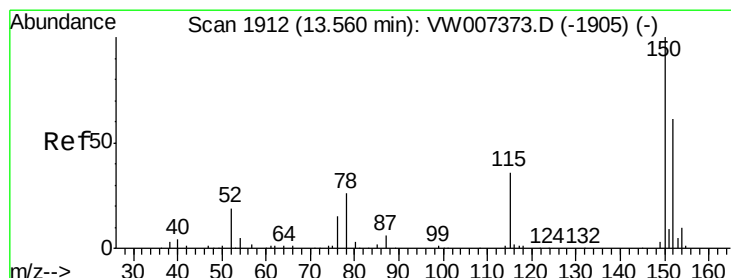
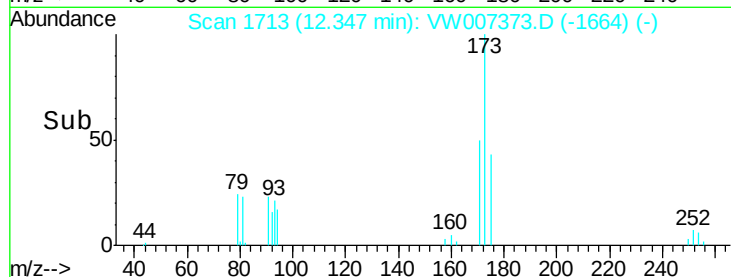
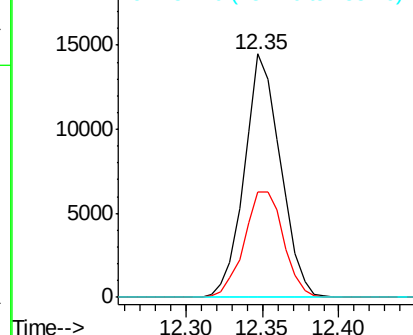
Tgt Ion:	173	Resp:	23690
Ion Ratio	Lower	Upper	
173	100		
175	47.2	23.6	70.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

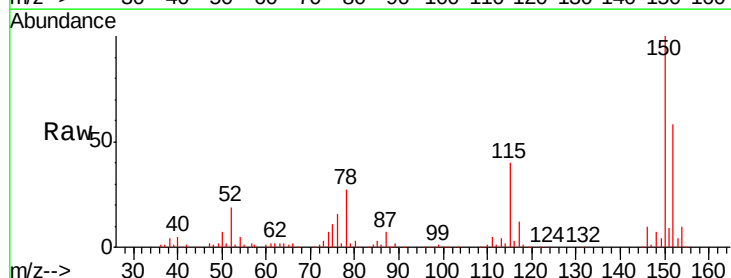
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

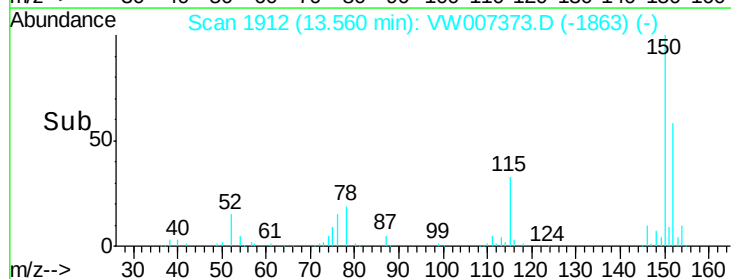
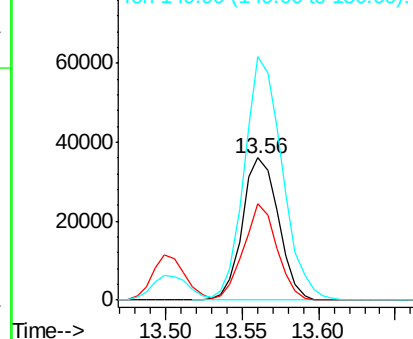
Lab File: VW007373.D

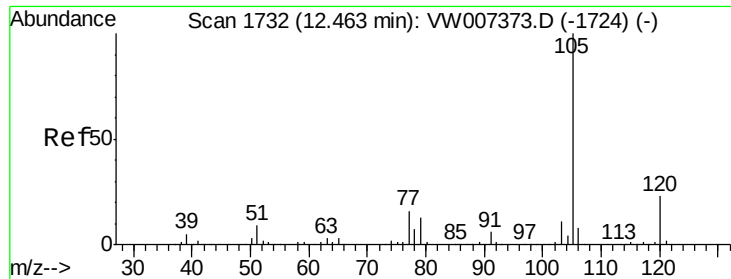
Acq: 11 Dec 2018 00:05

Tgt Ion:	152	Resp:	59006
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.4	94.2
150	179.2	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.813 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 230372

Ion Ratio Lower Upper

105 100

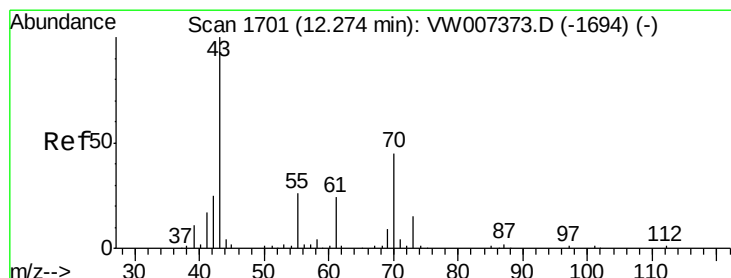
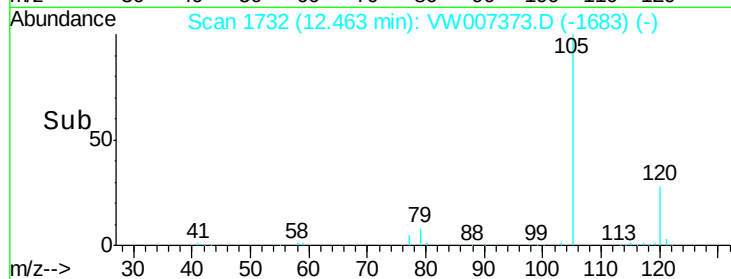
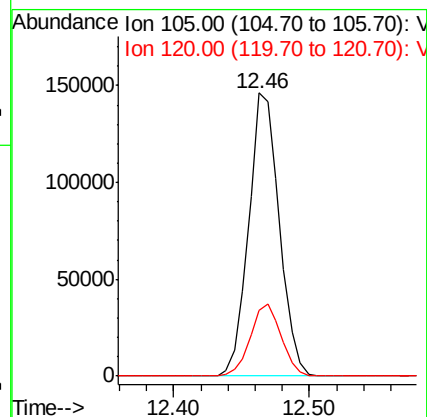
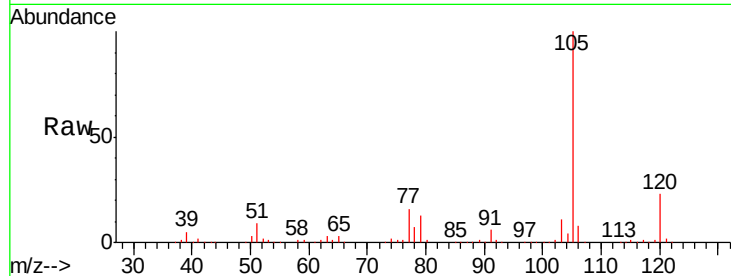
120 25.6 12.8 38.4

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#74

N-ethyl acetate

Concen: 51.538 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion: 43 Resp: 42858

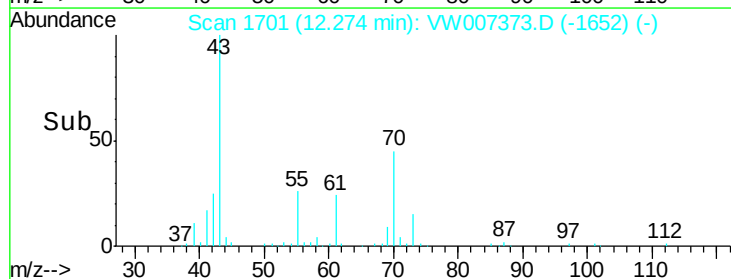
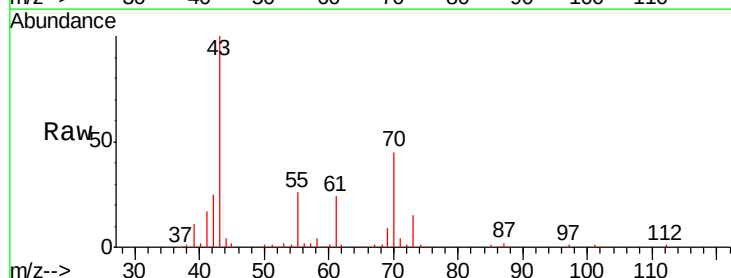
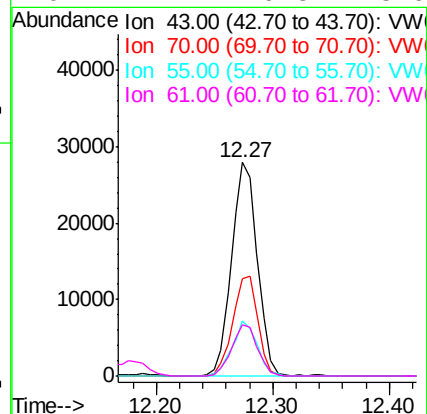
Ion Ratio Lower Upper

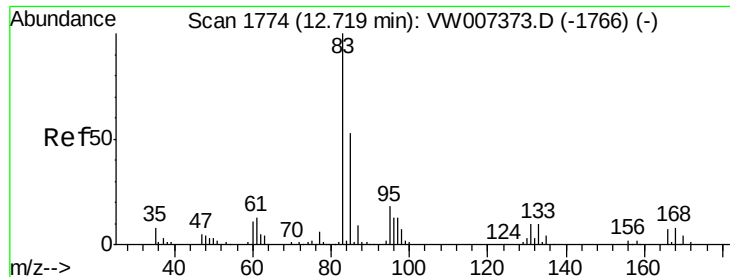
43 100

70 45.6 36.5 54.7

55 25.1 20.1 30.1

61 24.1 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 58.689 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 37142

Ion Ratio Lower Upper

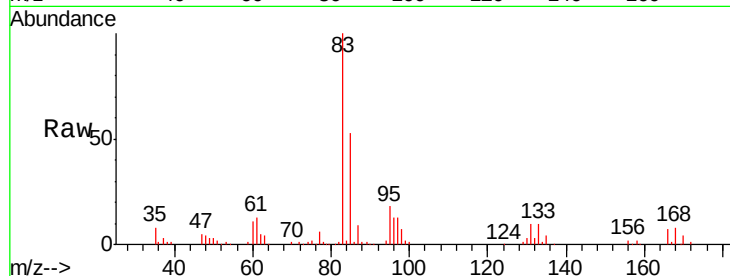
83 100

131 11.9 5.9 17.8

85 60.0 30.0 90.0

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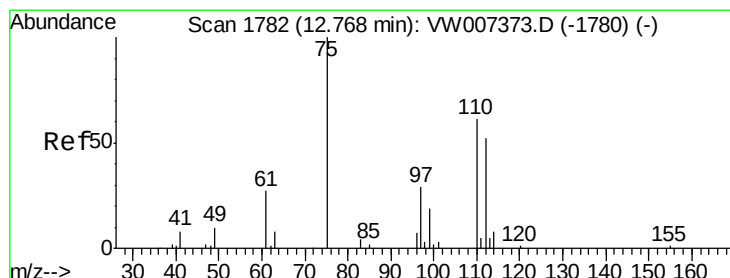
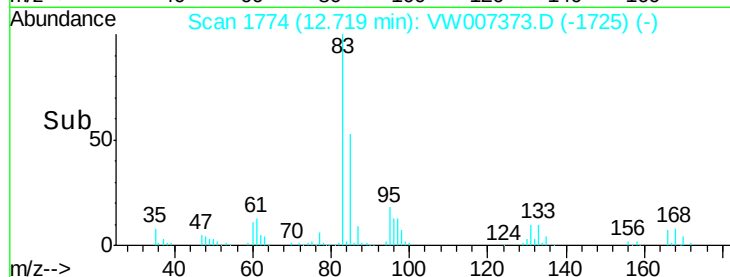
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.72

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.645 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW007373.D

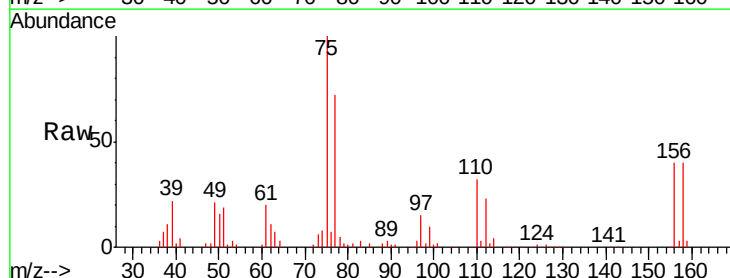
Acq: 11 Dec 2018 00:05

Tgt Ion: 75 Resp: 28209

Ion Ratio Lower Upper

75 100

77 333.9 166.9 500.8

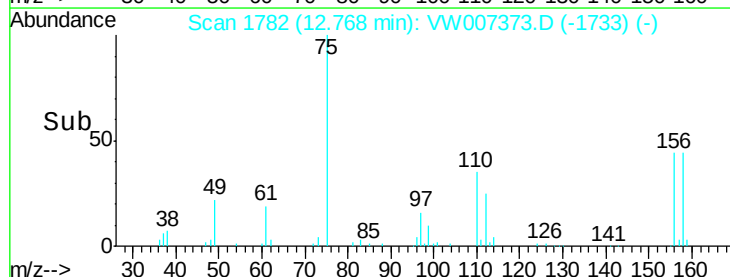


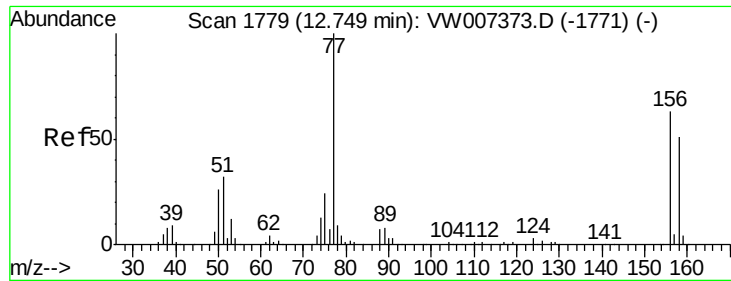
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

Time-->





#77

Bromobenzene

Concen: 51.573 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

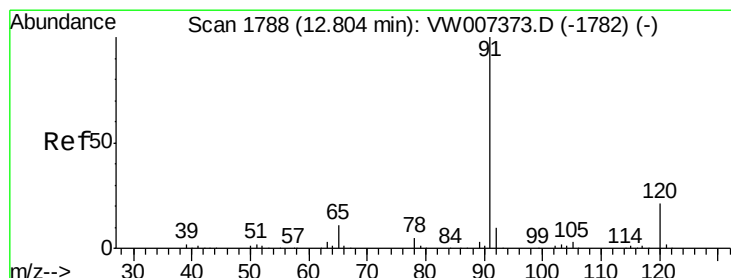
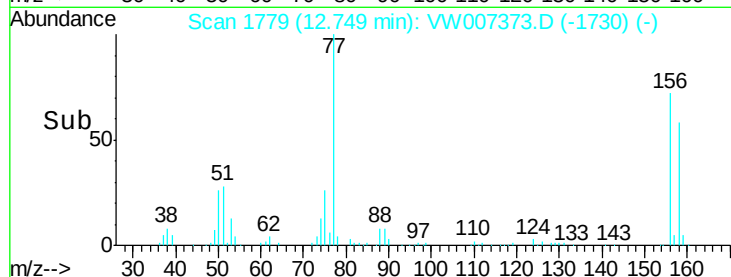
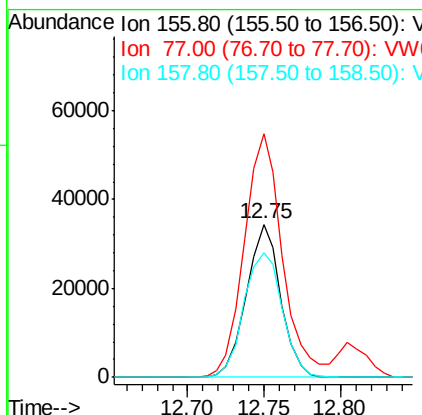
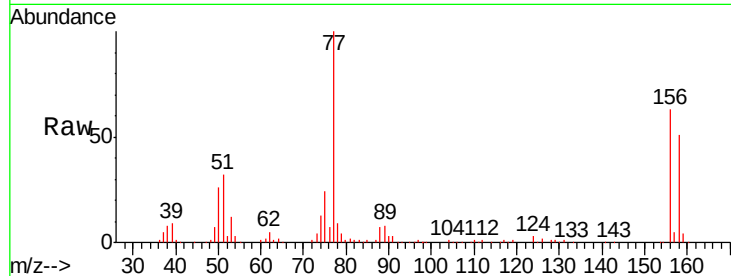
ClientSampleId :

VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	176.3	88.1	264.4
158	91.1	45.6	136.7

Manual Integrations
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#78

n-propylbenzene

Concen: 47.790 ug/l

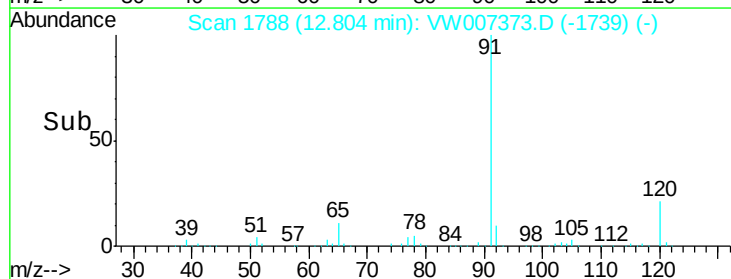
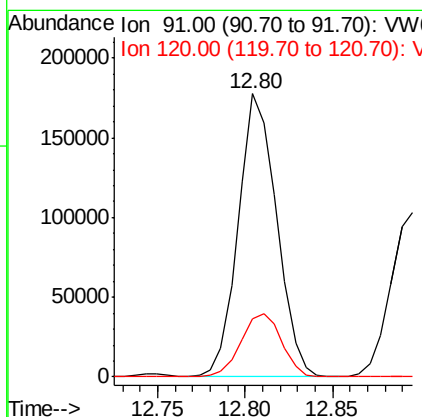
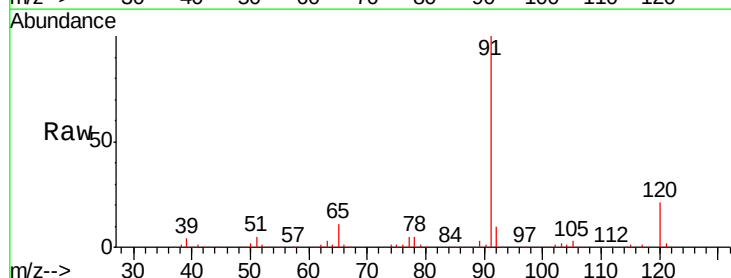
RT: 12.80 min Scan# 1788

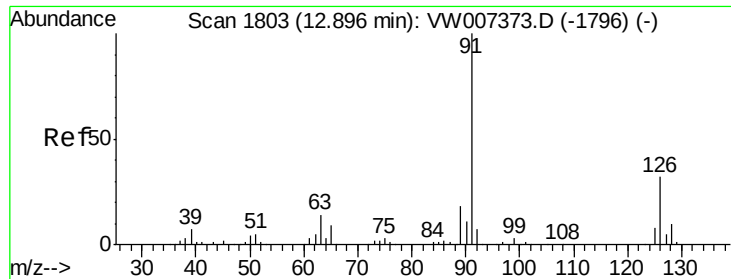
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5





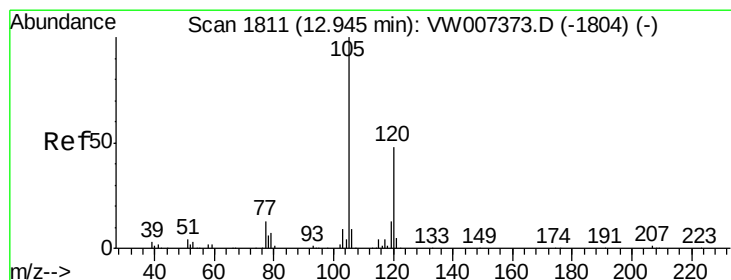
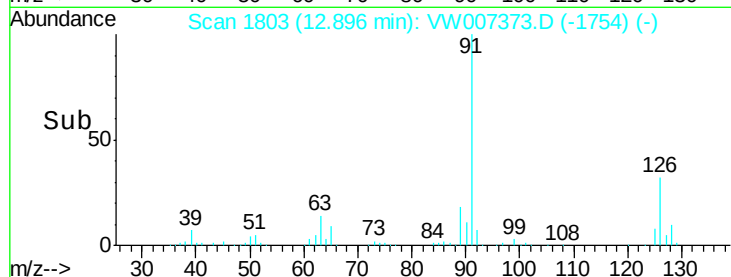
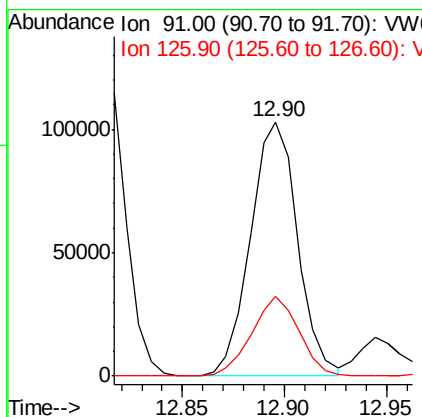
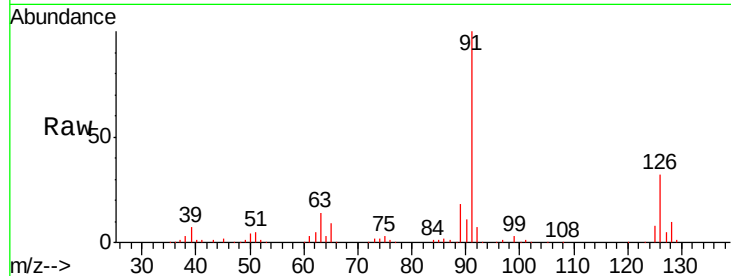
#79
 2-Chlorotoluene
 Concen: 51.338 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 165086
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6

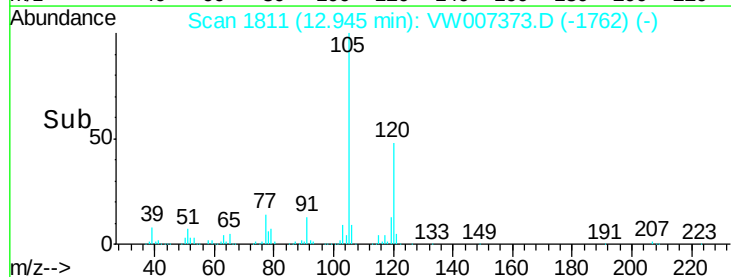
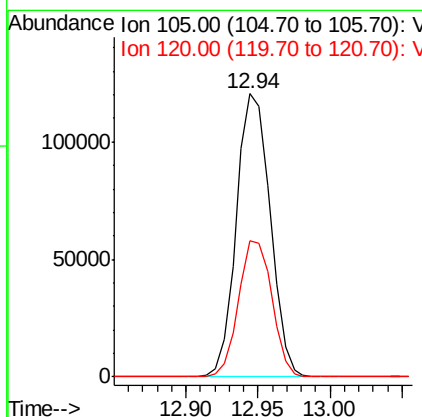
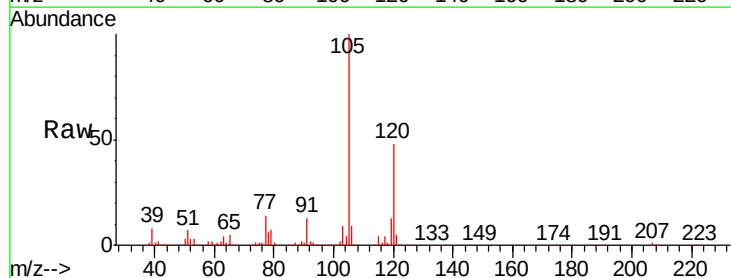
Manual Integrations
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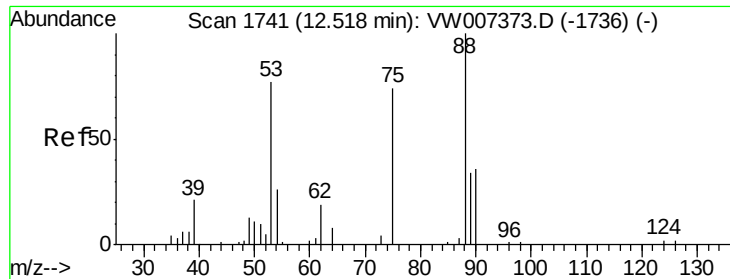
MMDadoda
 12/11/2018 4:55:37 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.602 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion: 105 Resp: 196406
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.8 71.4





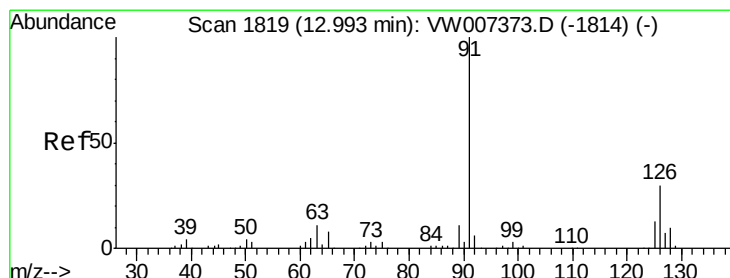
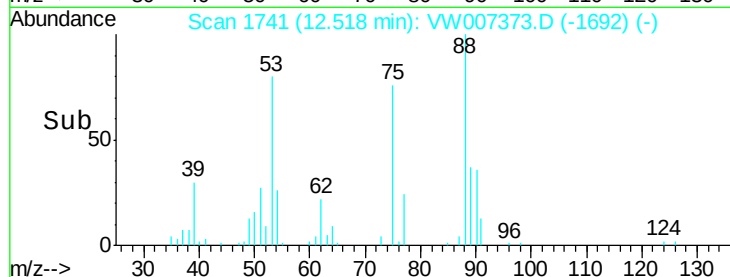
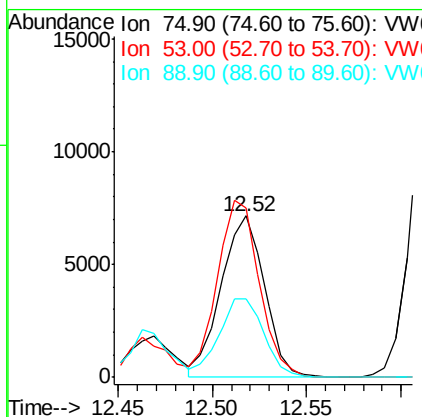
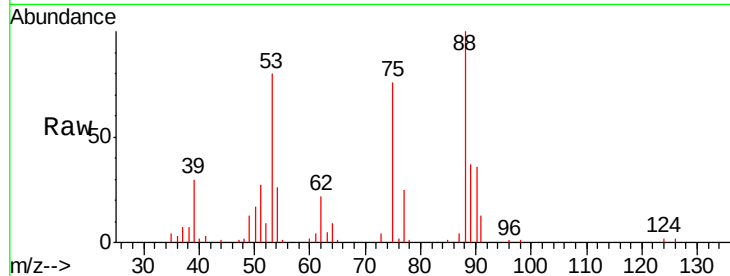
#81
trans-1,4-Dichloro-2-butene
Concen: 54.596 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.1	84.9	127.3
89	50.4	40.3	60.5

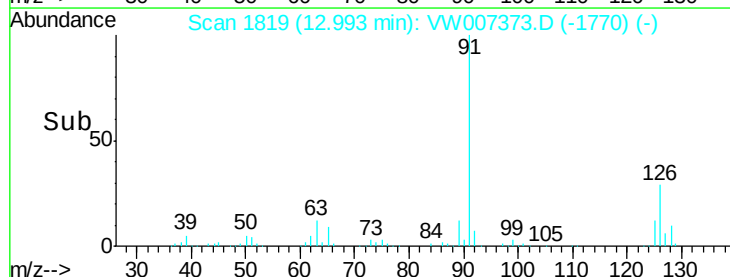
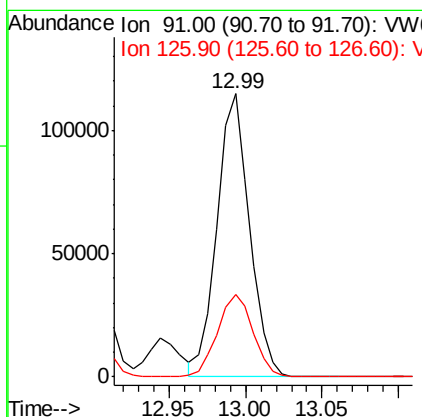
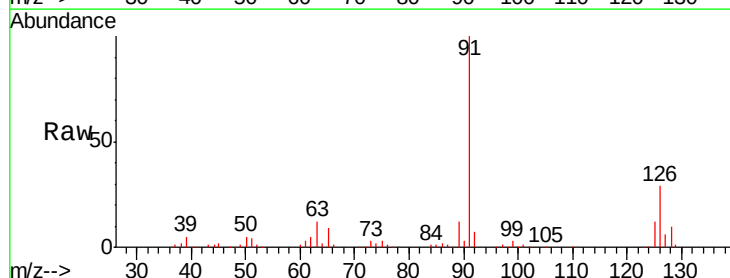
Manual Integrations
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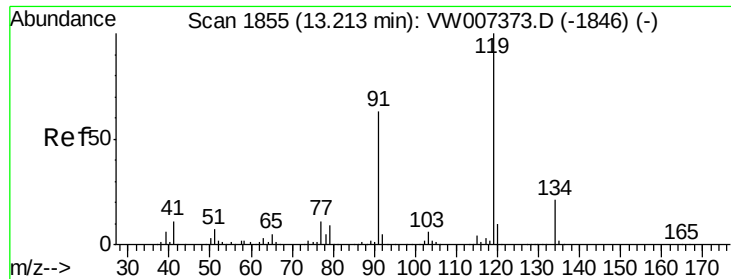
MMDadoda
12/11/2018 4:55:37 PM



#82
4-Chlorotoluene
Concen: 49.445 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.0	48.0





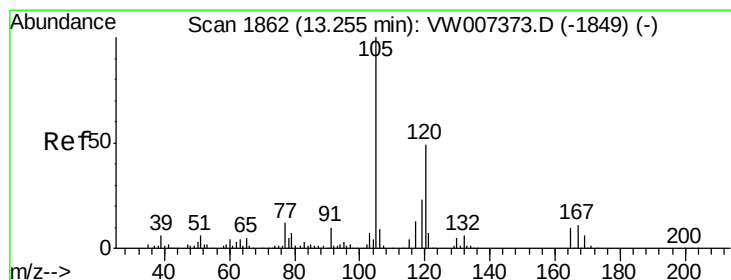
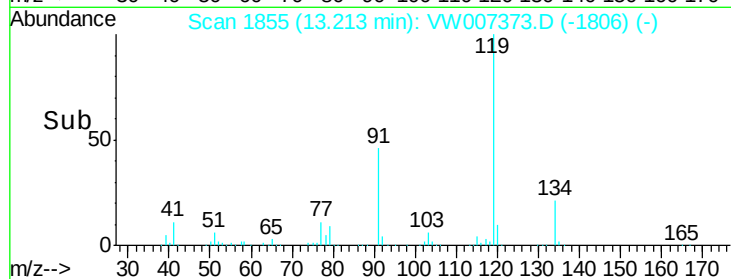
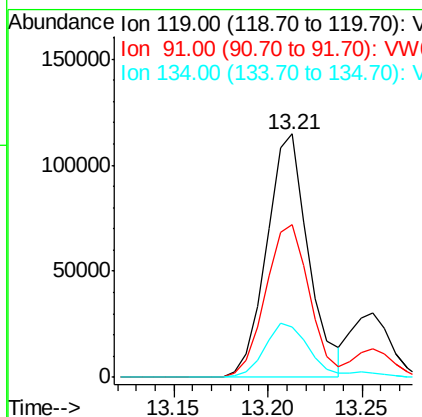
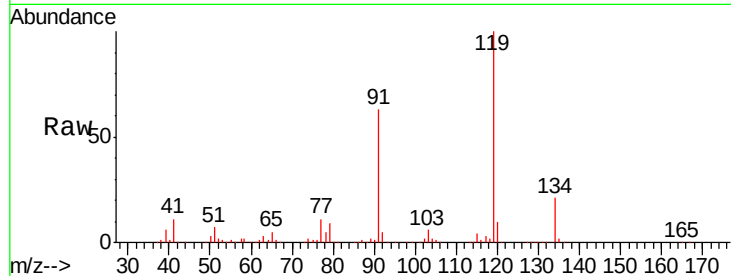
#83
tert-Butylbenzene
Concen: 49.351 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	176060		
91	66.1	33.1	99.2	
134	25.0	12.5	37.5	

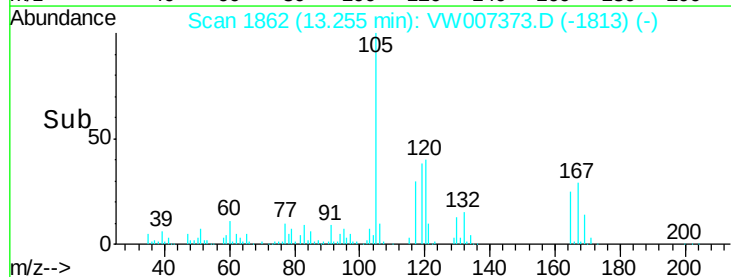
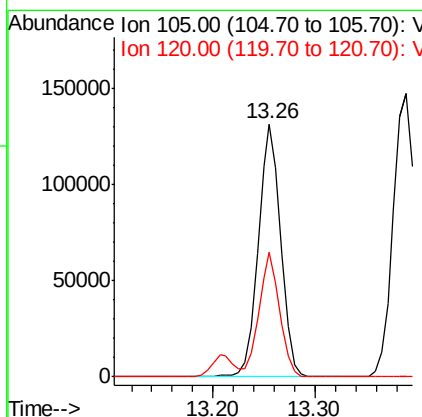
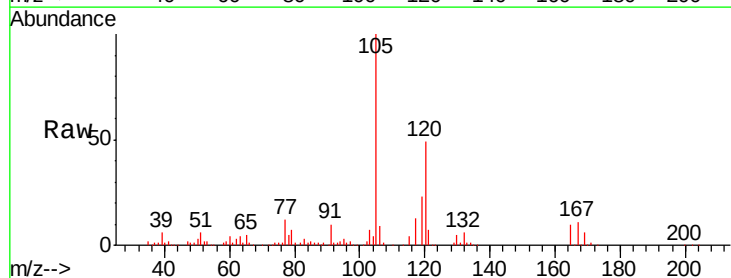
Manual Integrations
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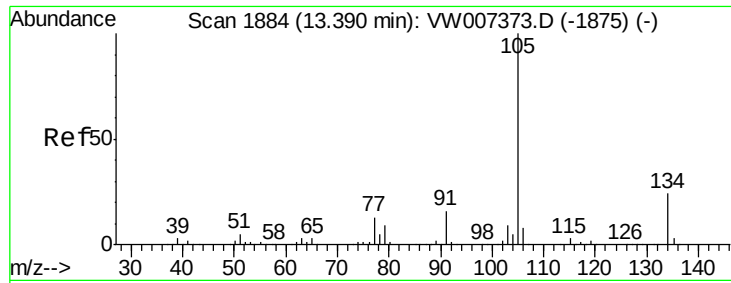
MMDadoda
12/11/2018 4:55:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 48.667 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201255		
120	45.1	22.6	67.7	





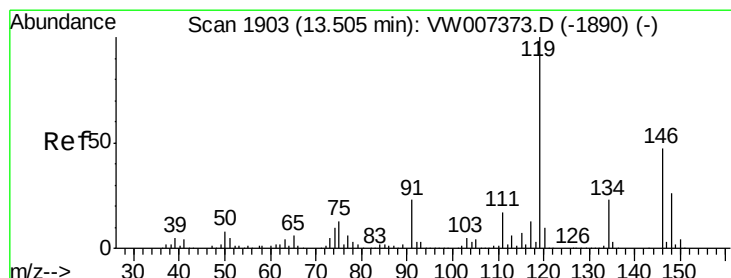
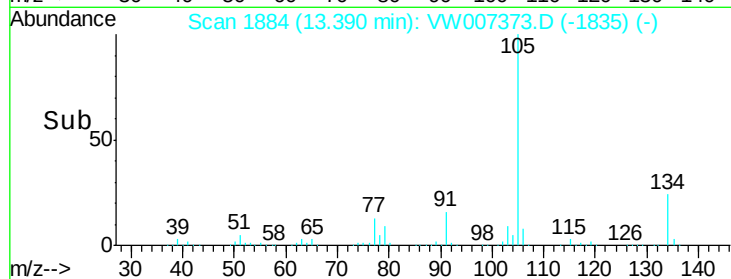
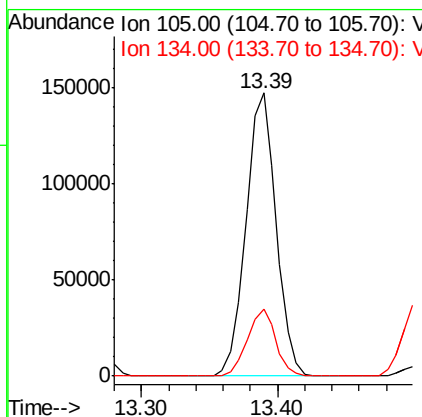
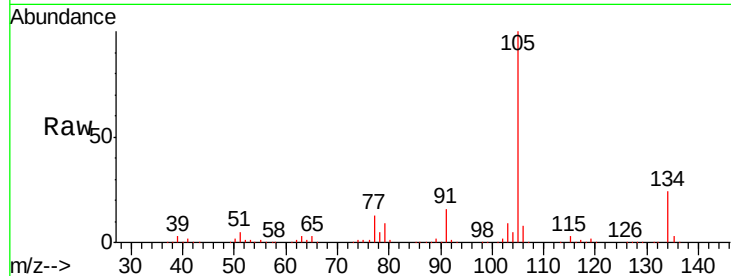
#85
 sec-Butylbenzene
 Concen: 45.284 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 227722
 Ion Ratio Lower Upper
 105 100
 134 22.2 11.1 33.3

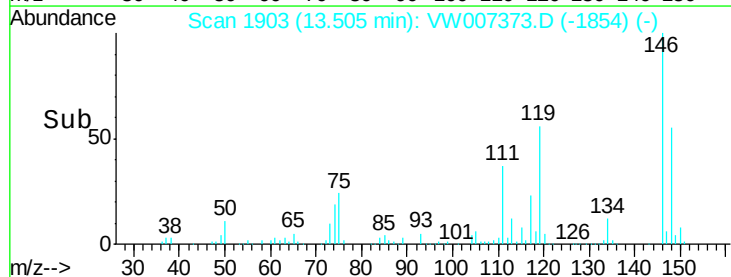
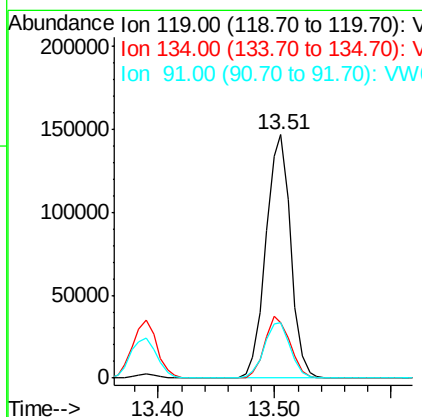
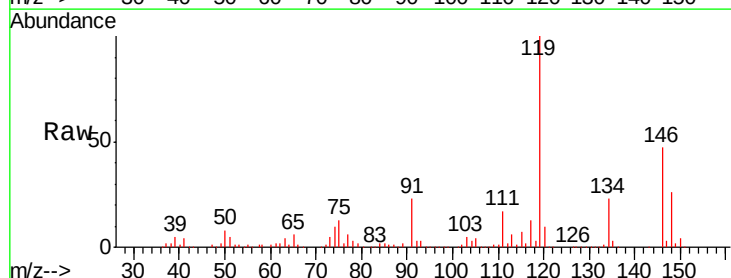
Manual Integrations
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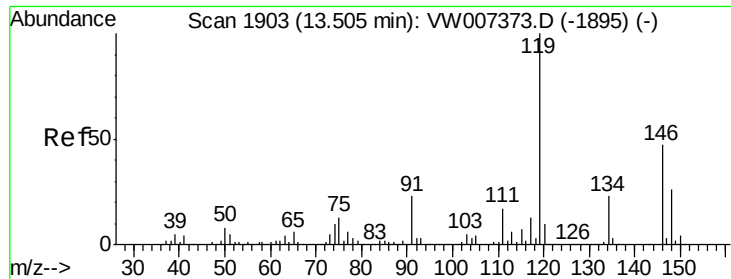
MMDadoda
 12/11/2018 4:55:37 PM



#86
 p-Isopropyltoluene
 Concen: 48.047 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion:119 Resp: 217293
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.9 11.9 35.9





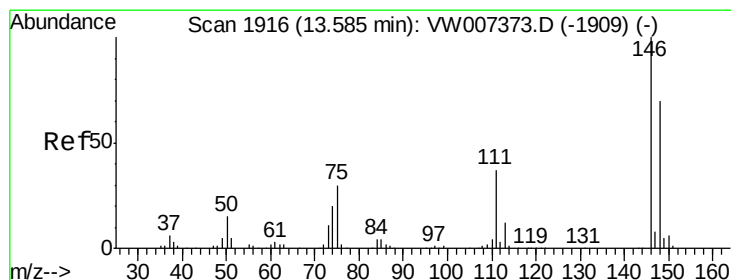
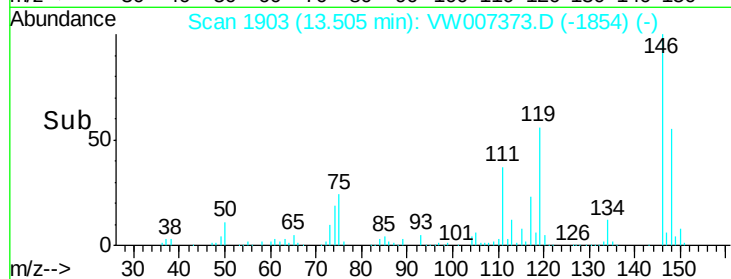
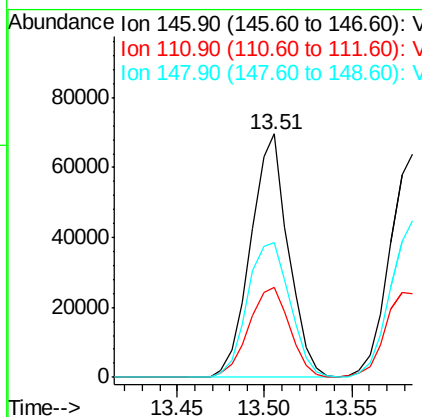
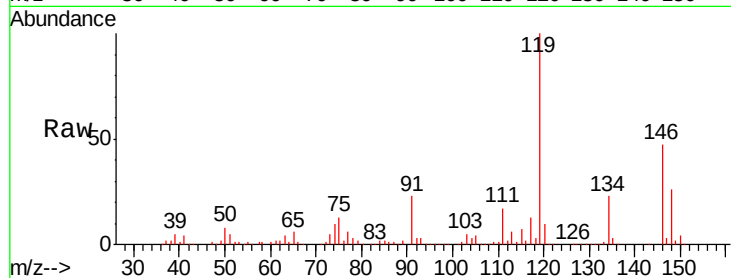
#87
 1,3-Dichlorobenzene
 Concen: 49.204 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	62.7	31.4	94.0

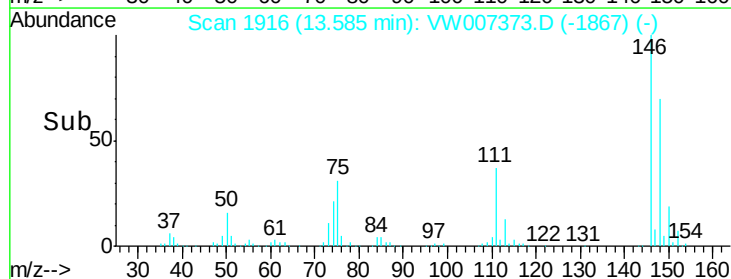
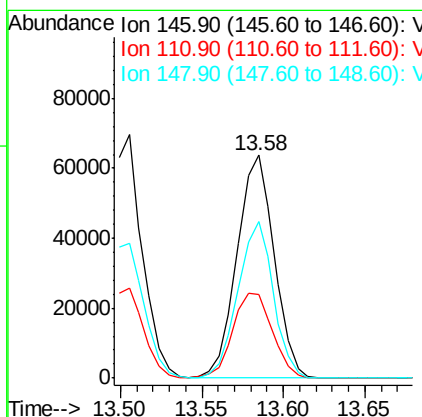
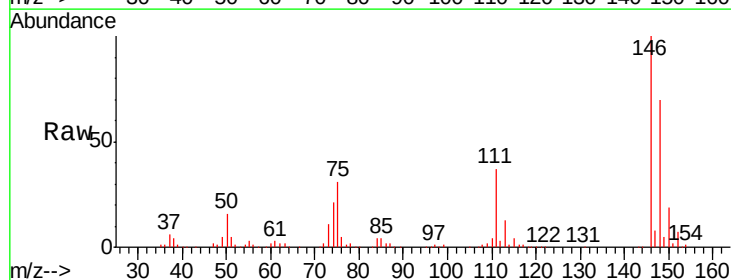
Manual Integrations
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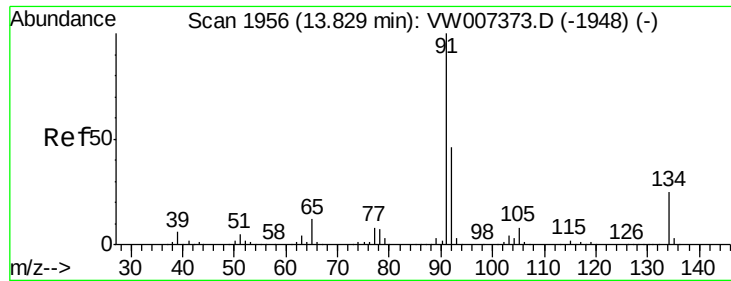
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 47.856 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007373.D
 Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	67.0	33.5	100.5





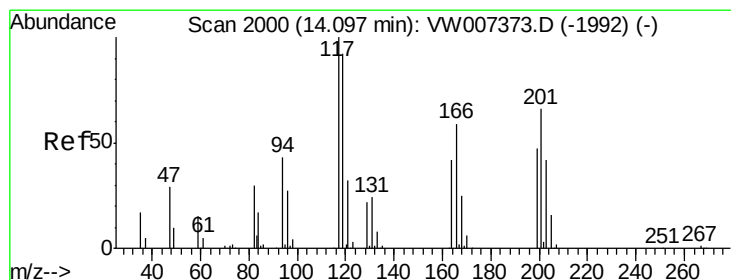
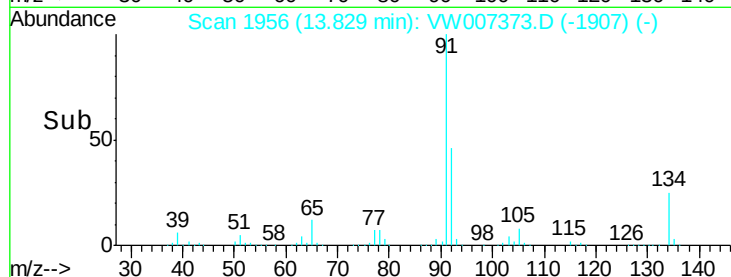
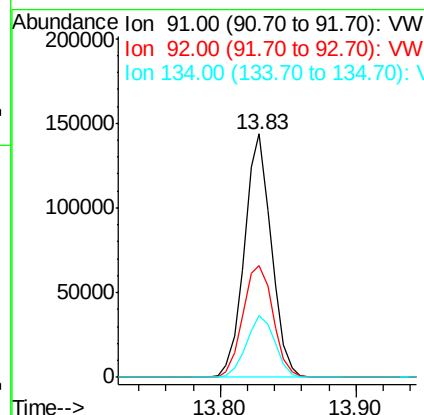
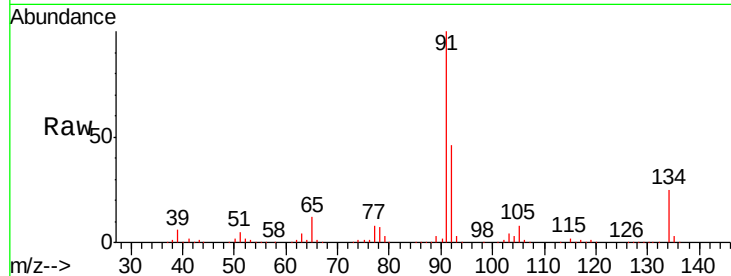
#89
n-Butylbenzene
Concen: 47.168 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	198191		
92	51.4	25.7	77.1	
134	26.8	13.4	40.2	

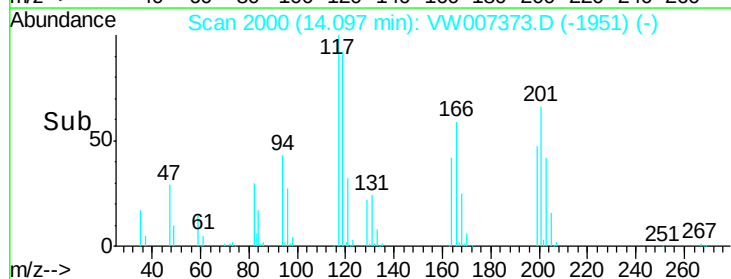
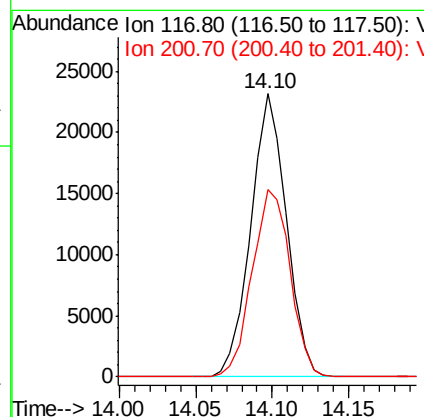
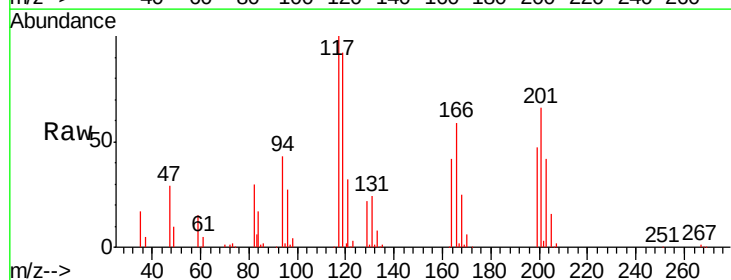
Manual Integrations
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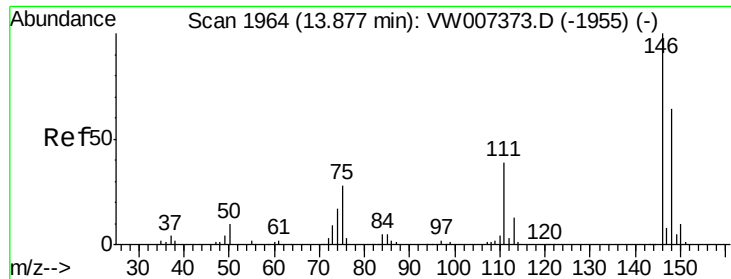
MMDadoda
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#90
Hexachloroethane
Concen: 53.838 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37500		
201	70.6	35.3	105.9	





#91

1,2-Dichlorobenzene

Concen: 49.824 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Instrument :

MSVOA_W

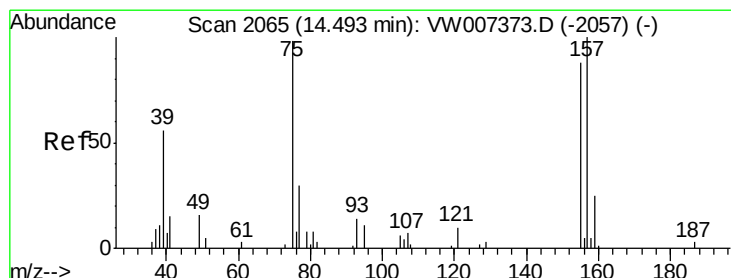
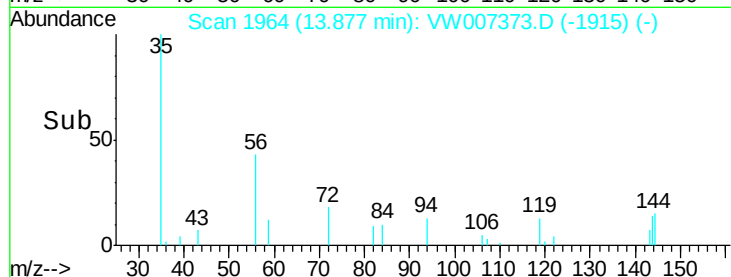
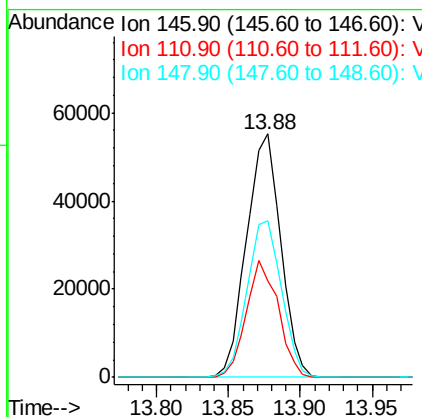
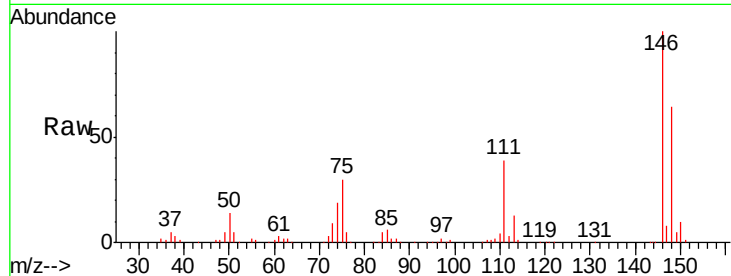
ClientSampleId :

VSTDICCC050

Tgt Ion:	146	Resp:	90666
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.4	67.2
148	64.8	32.4	97.2

Manual Integrations
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12/11/2018 4:55:37 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.498 ug/l

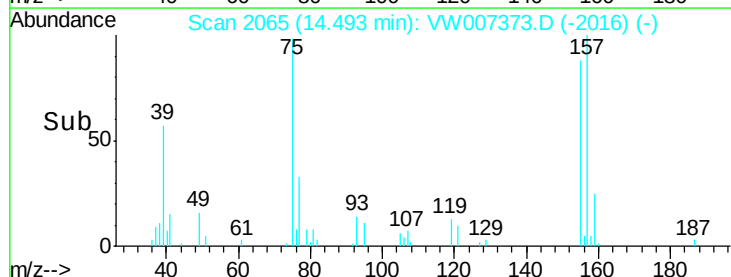
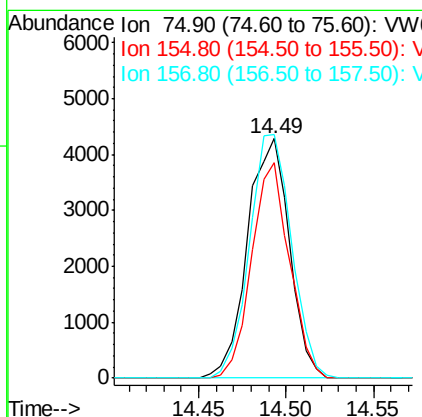
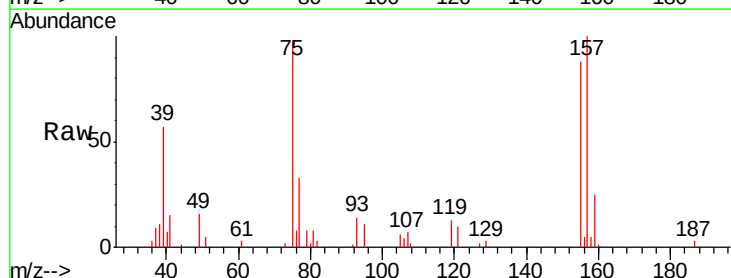
RT: 14.49 min Scan# 2065

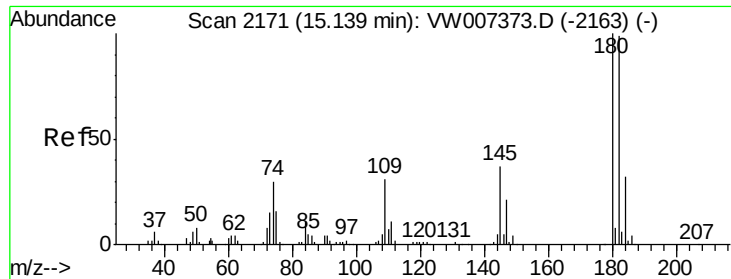
Delta R.T. 0.00 min

Lab File: VW007373.D

Acq: 11 Dec 2018 00:05

Tgt Ion:	75	Resp:	7166
Ion Ratio	Lower	Upper	
75	100		
155	81.5	40.8	122.2
157	102.3	51.1	153.4





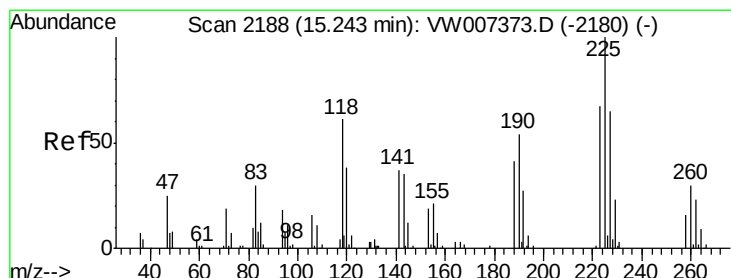
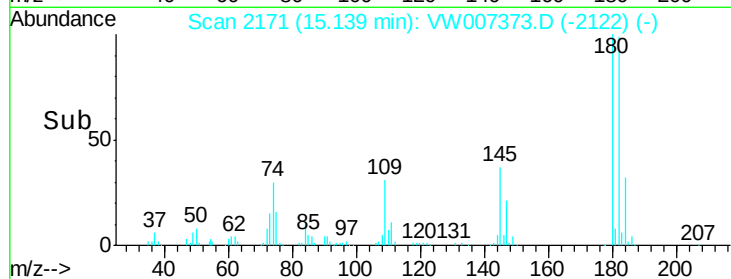
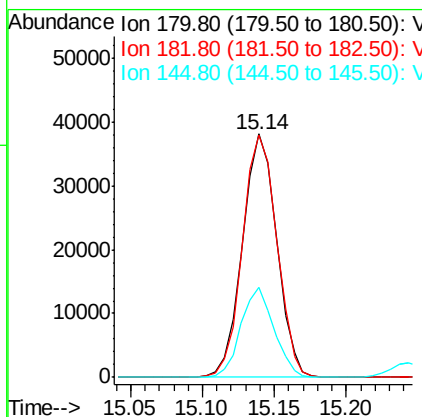
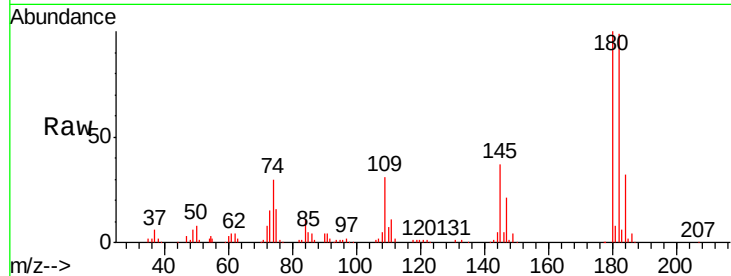
#93
1,2,4-Trichlorobenzene
Concen: 49.843 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	62869		
182	99.7	49.9	149.6	
145	35.6	17.8	53.4	

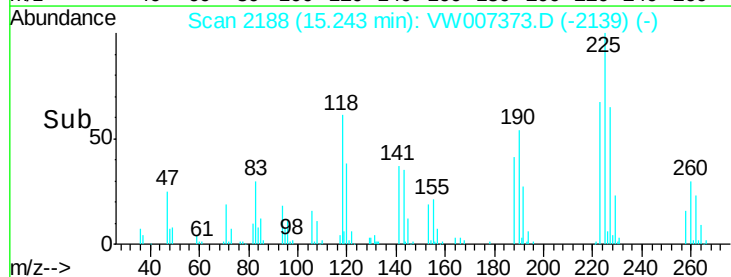
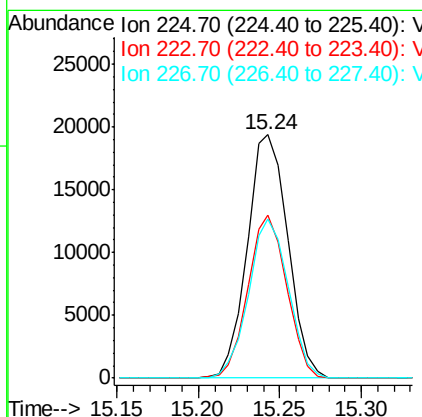
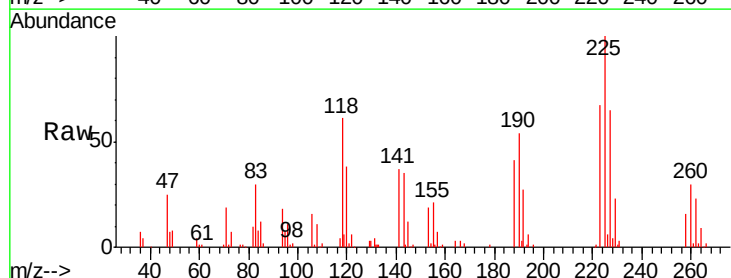
Manual Integrations
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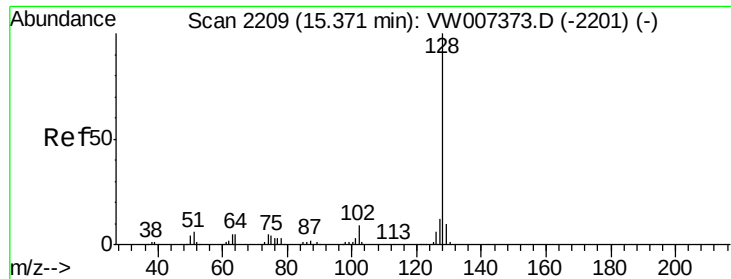
MMDadoda
12/11/2018 4:55:37 PM



#94
Hexachlorobutadiene
Concen: 49.162 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33512		
223	64.2	32.1	96.3	
227	63.9	31.9	95.9	





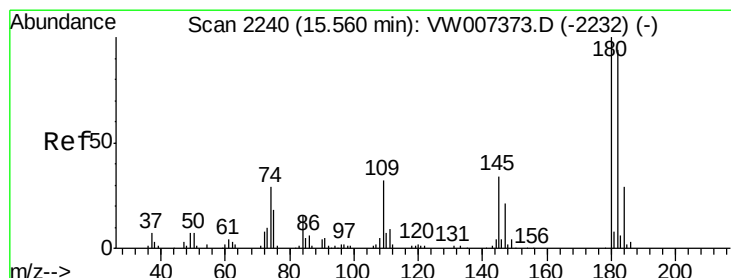
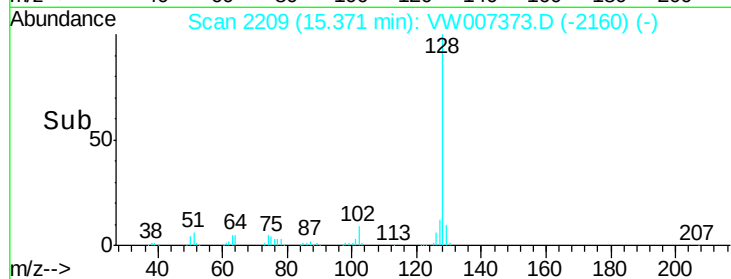
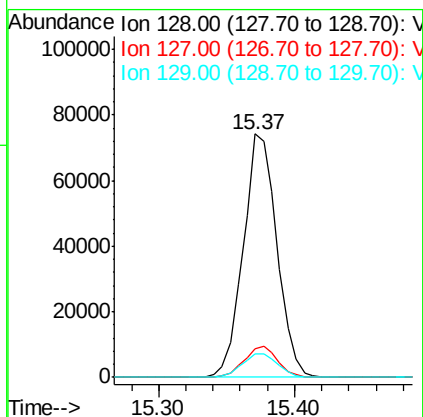
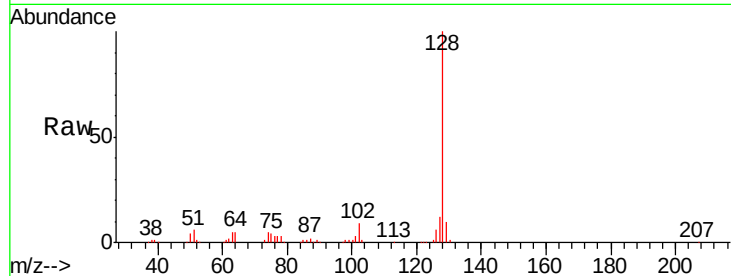
#95
Naphthalene
Concen: 55.976 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.4	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.039 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW007373.D
Acq: 11 Dec 2018 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	45.6	136.7
145	35.0	17.5	52.5

