

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014741.D
 Acq On : 24 Jan 2020 12:44
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:06:22 PM

Quant Time: Jan 24 13:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	714254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1101196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	976036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	474543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	948881	149.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.20%	
35) Dibromofluoromethane	7.88	113	887705	139.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.50%	
50) Toluene-d8	10.32	98	3726601	140.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.52%	
62) 4-Bromofluorobenzene	12.62	95	1296325	144.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	686161	162.556	ug/l	100
3) Chloromethane	2.21	50	849224	163.561	ug/l	99
4) Vinyl Chloride	2.36	62	1220981	158.803	ug/l	98
5) Bromomethane	2.73	94	690936m	148.174	ug/l	
6) Chloroethane	2.91	64	717691	164.740	ug/l	100
7) Trichlorofluoromethane	3.24	101	702795	184.118	ug/l	100
8) Diethyl Ether	3.67	74	525585	144.589	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	963852	139.996	ug/l	100
10) Methyl Iodide	4.27	142	1428444	138.711	ug/l	98
11) Tert butyl alcohol	5.16	59	339048	638.663	ug/l	98
12) 1,1-Dichloroethene	4.04	96	1018872	141.455	ug/l	97
13) Acrolein	3.89	56	403286	771.342	ug/l	100
14) Allyl chloride	4.66	41	1703542	152.706	ug/l	99
15) Acrylonitrile	5.35	53	1222235	744.257	ug/l	99
16) Acetone	4.11	43	1144177	658.931	ug/l	100
17) Carbon Disulfide	4.38	76	3263498	148.917	ug/l	100
18) Methyl Acetate	4.66	43	544789	131.565	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	1277440	143.117	ug/l	99
20) Methylene Chloride	4.91	84	1045539	126.129	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	1065191	139.257	ug/l	98
22) Diisopropyl ether	6.31	45	3034115	145.252	ug/l	98
23) Vinyl Acetate	6.24	43	9604749	771.793	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1897727	144.877	ug/l	99
25) 2-Butanone	7.16	43	1628496	729.886	ug/l	100
26) 2,2-Dichloropropane	7.16	77	963754	132.779	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	1138307	141.913	ug/l	99
28) Bromochloromethane	7.51	49	783879	154.116	ug/l	100
29) Tetrahydrofuran	7.52	42	1032172	742.780	ug/l	99
30) Chloroform	7.67	83	1743187	142.531	ug/l	99
31) Cyclohexane	7.95	56	1878080	138.314	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1413573	143.861	ug/l	99
36) 1,1-Dichloropropene	8.08	75	1501496	139.363	ug/l	100
37) Ethyl Acetate	7.24	43	698825	146.672	ug/l	99
38) Carbon Tetrachloride	8.06	117	1311653	140.441	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1920914	140.063	ug/l	99
40) Benzene	8.32	78	4187067	137.451	ug/l	100
41) Methacrylonitrile	7.48	41	416040	155.636	ug/l	98
42) 1,2-Dichloroethane	8.40	62	1125624	141.944	ug/l	99
43) Isopropyl Acetate	8.42	43	1316778	151.061	ug/l	99
44) Trichloroethene	9.09	130	1104621	135.176	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1056899	141.249	ug/l	97
46) Dibromomethane	9.45	93	502024	137.940	ug/l	99
47) Bromodichloromethane	9.64	83	1310824	143.884	ug/l	99
48) Methyl methacrylate	9.43	41	668977	158.828	ug/l	94
49) 1,4-Dioxane	9.44	88	181216	2718.532	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	3364883	746.770	ug/l	98
52) Toluene	10.38	92	2616089	137.317	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	1396929	149.721	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	1682927	146.967	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	732385	138.230	ug/l	99
56) Ethyl methacrylate	10.64	69	1060096	154.747	ug/l	98
57) 1,3-Dichloropropane	10.93	76	1330718	141.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1758175	836.857	ug/l	99
59) 2-Hexanone	10.96	43	2379223	771.006	ug/l	98
60) Dibromochloromethane	11.13	129	847018	141.703	ug/l	98
61) 1,2-Dibromoethane	11.23	107	696355	139.272	ug/l	98
64) Tetrachloroethene	10.86	164	917388	130.154	ug/l	95
65) Chlorobenzene	11.65	112	2706294	134.840	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	929991	137.666	ug/l	99
67) Ethyl Benzene	11.73	91	4979945	137.158	ug/l	98
68) m/p-Xylenes	11.83	106	3733903	269.343	ug/l	98
69) o-Xylene	12.16	106	1752400	136.950	ug/l	99
70) Styrene	12.18	104	3023401	139.874	ug/l	99
71) Bromoform	12.35	173	503365	139.003	ug/l #	99
73) Isopropylbenzene	12.46	105	4770725	136.326	ug/l	99
74) N-amyl acetate	12.27	43	1224130	156.344	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	853850	136.945	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	652674m	147.079	ug/l	
77) Bromobenzene	12.74	156	1090858	134.173	ug/l	99
78) n-propylbenzene	12.80	91	5708974	137.710	ug/l	99
79) 2-Chlorotoluene	12.89	91	3226220	136.848	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	4049179	137.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	303767	152.420	ug/l	97
82) 4-Chlorotoluene	12.99	91	3363641	137.152	ug/l	100
83) tert-Butylbenzene	13.21	119	3540834	137.423	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	4012818	136.453	ug/l	99
85) sec-Butylbenzene	13.38	105	4887614	136.663	ug/l	99
86) p-Isopropyltoluene	13.49	119	4516053	138.398	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	2121577	134.086	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2073190	133.081	ug/l	99
89) n-Butylbenzene	13.82	91	4318581	142.124	ug/l	99
90) Hexachloroethane	14.09	117	808442	142.353	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	1859129	133.662	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	137922	140.062	ug/l	98

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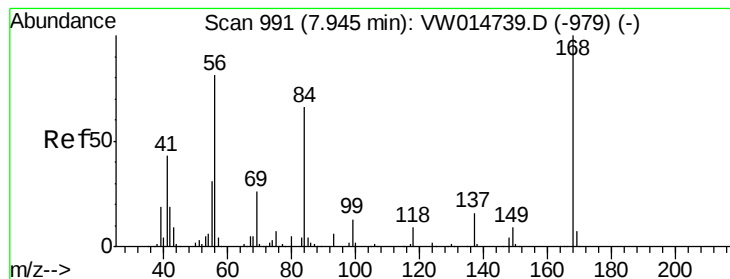
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	1288119	138.403	ug/l	98
94) Hexachlorobutadiene	15.23	225	792514	126.044	ug/l	98
95) Naphthalene	15.36	128	2382333	151.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	1095601	135.284	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 714254

Ion Ratio Lower Upper

168 100

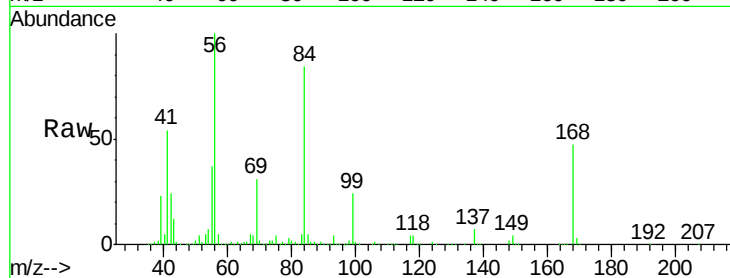
99 51.3 42.6 64.0

Manual Integrations

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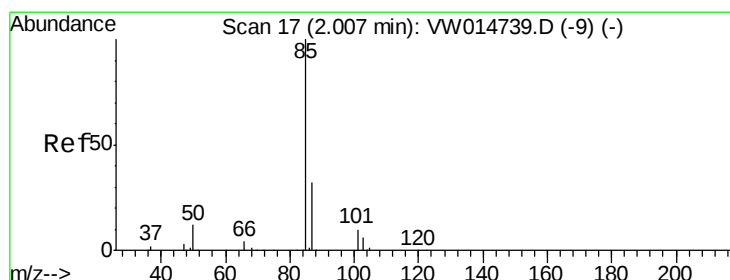
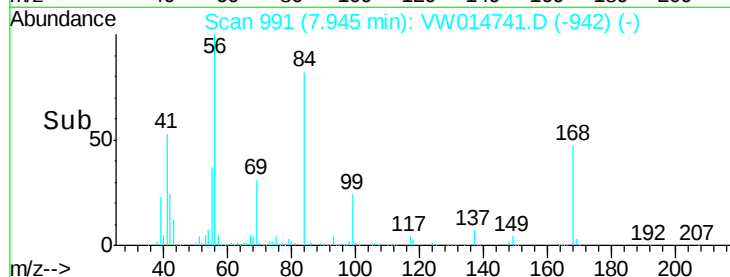
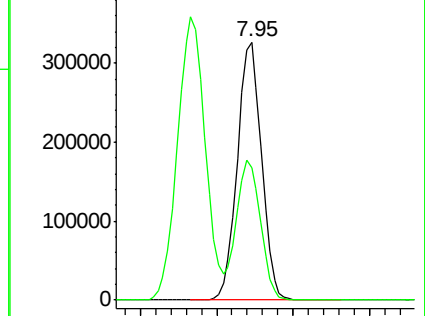
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 162.556 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014741.D

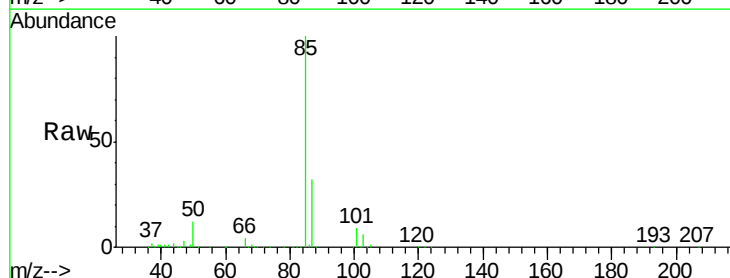
Acq: 24 Jan 2020 12:44

Tgt Ion: 85 Resp: 686161

Ion Ratio Lower Upper

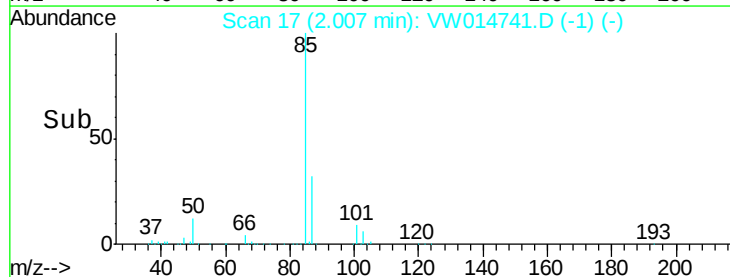
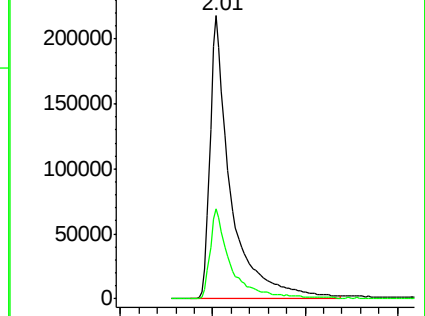
85 100

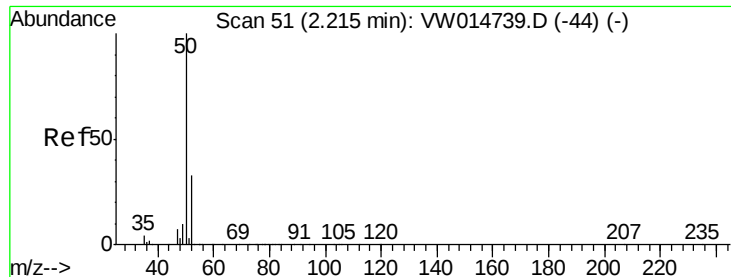
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 163.561 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 50 Resp: 849224

Ion Ratio Lower Upper

50 100

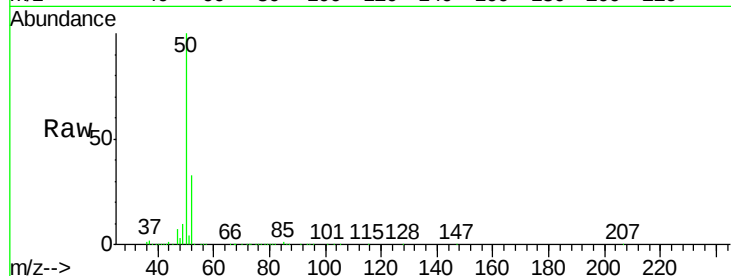
52 32.8 26.7 40.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

500000

400000

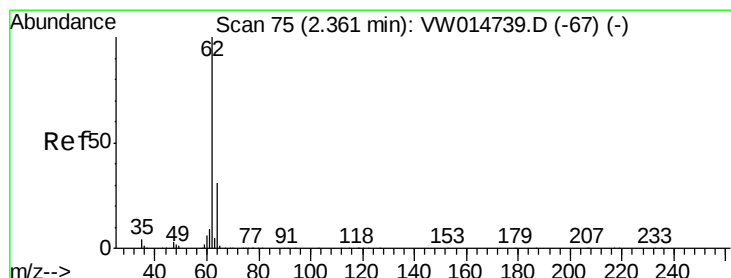
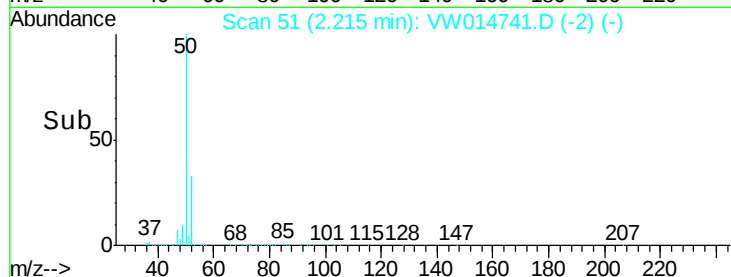
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 158.803 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014741.D

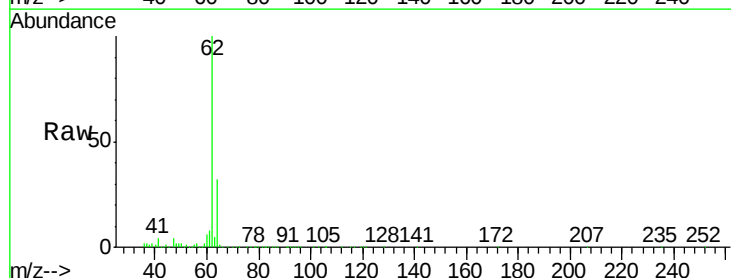
Acq: 24 Jan 2020 12:44

Tgt Ion: 62 Resp: 1220981

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

600000

500000

400000

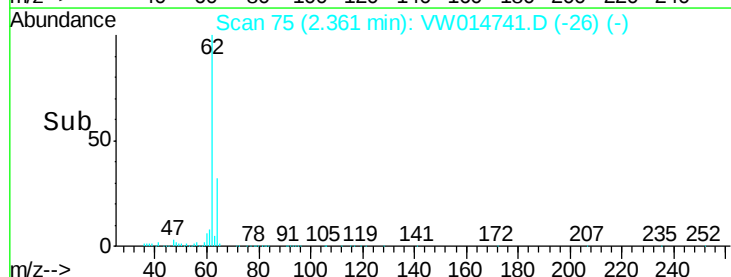
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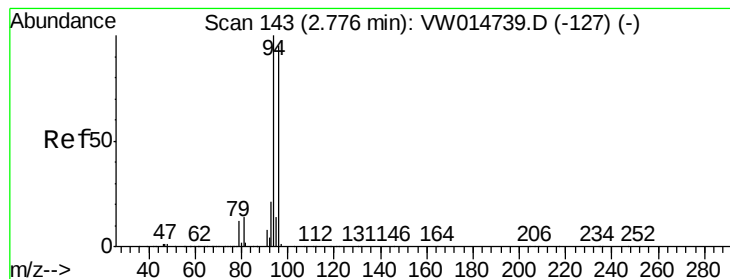
200000

100000

0

Time-->





#5

Bromomethane

Concen: 148.174 ug/l m

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 690936

Ion Ratio Lower Upper

94 100

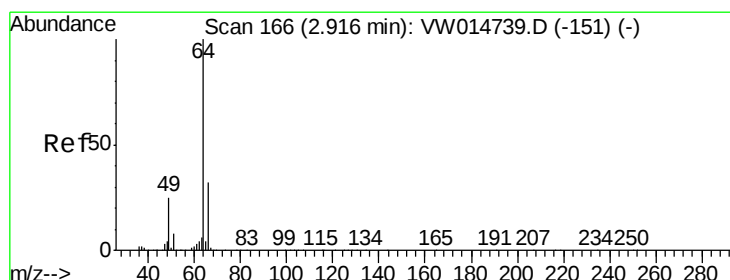
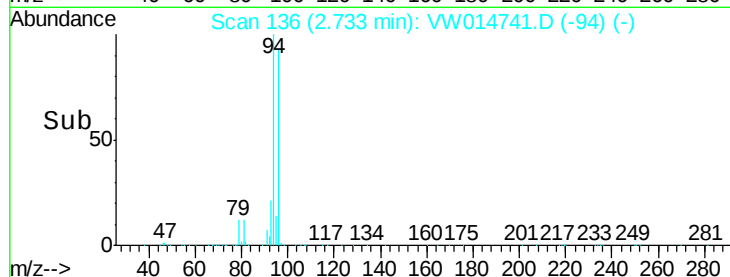
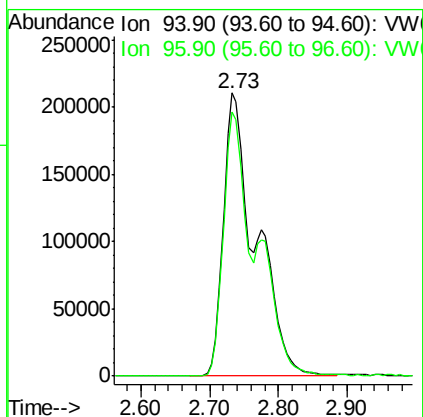
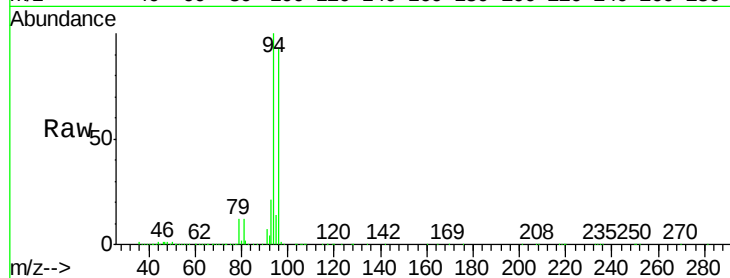
96 93.5 76.2 114.4

Manual Integrations

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#6

Chloroethane

Concen: 164.740 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014741.D

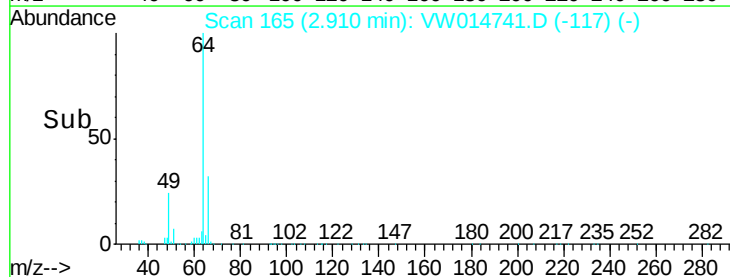
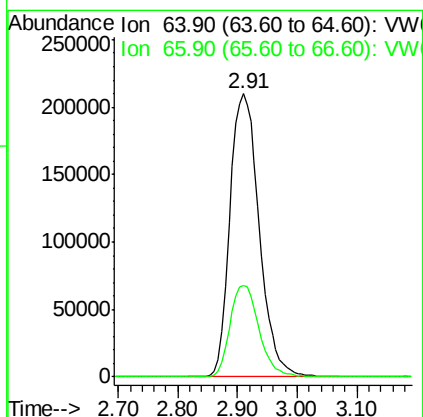
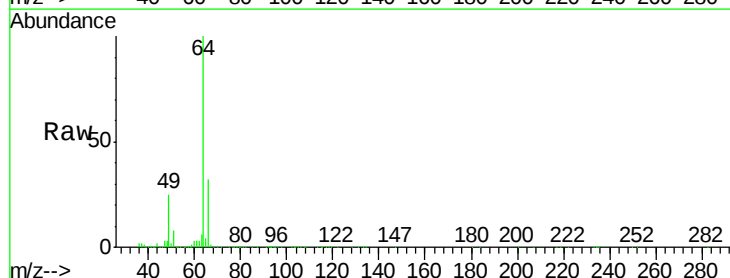
Acq: 24 Jan 2020 12:44

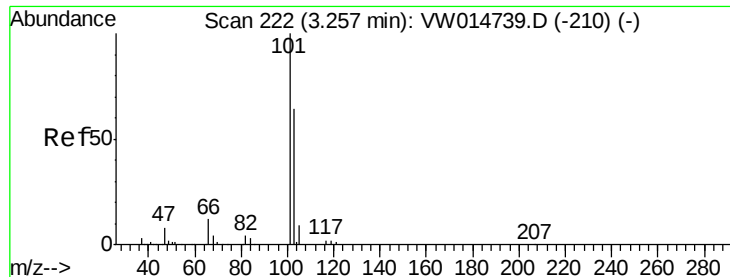
Tgt Ion: 64 Resp: 717691

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

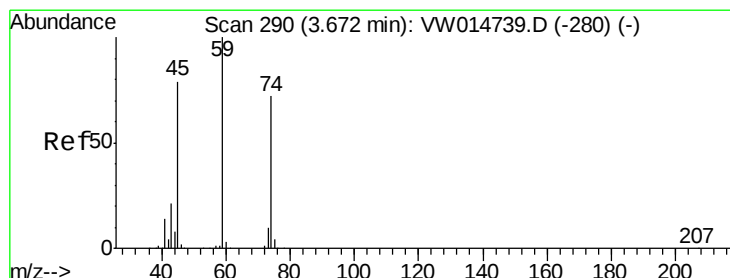
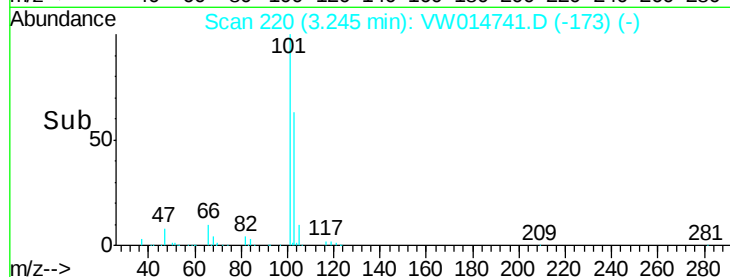
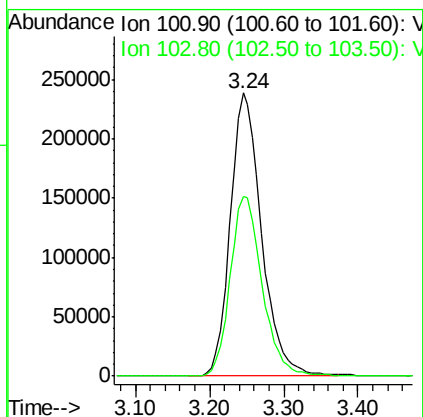
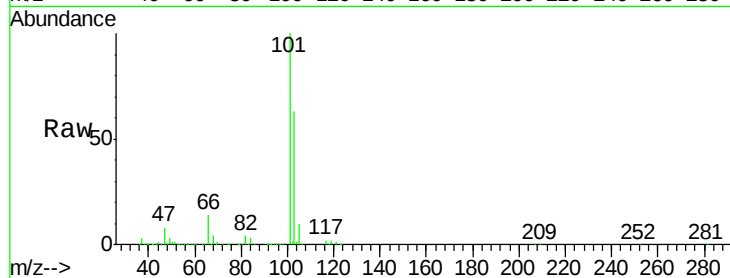
Trichlorofluoromethane
Concen: 184.118 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.8	76.2

Manual Integrations
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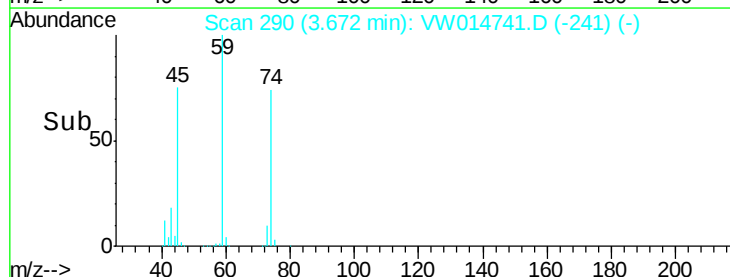
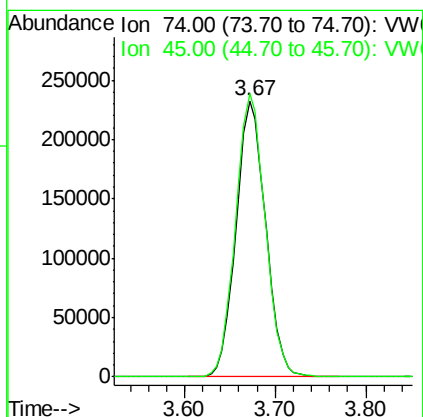
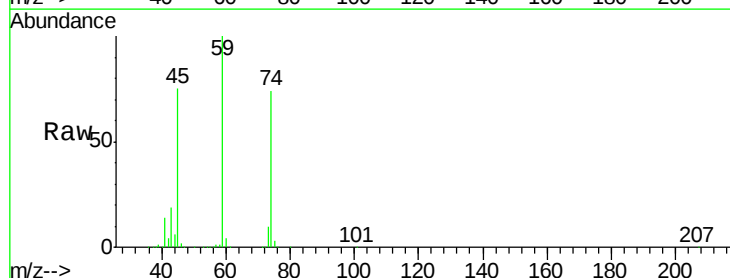
MMDadoda
1/27/2020 12:06:22 PM

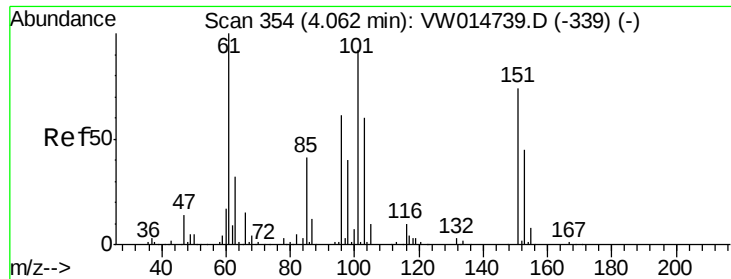


#8

Diethyl Ether
Concen: 144.589 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.7	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 139.996 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

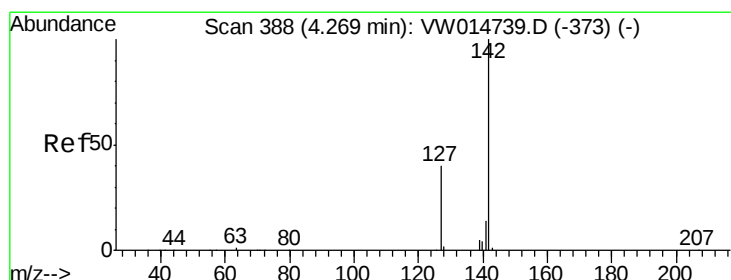
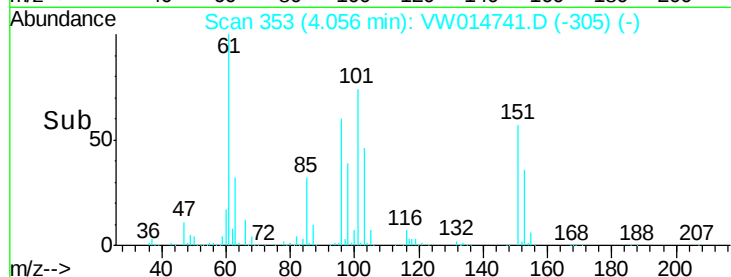
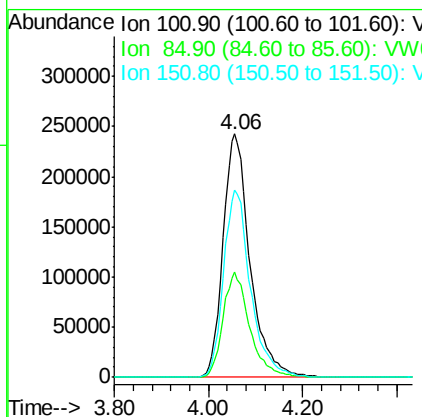
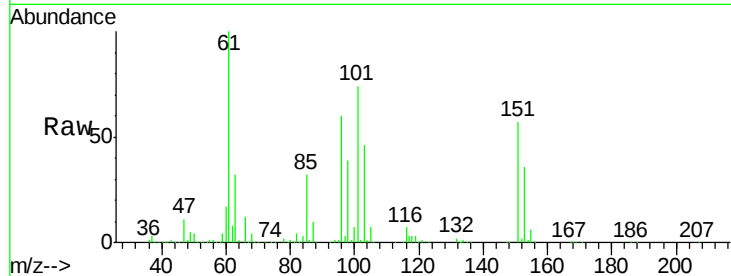
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	963852
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	76.9	61.5	92.3

Manual Integrations
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#10

Methyl Iodide

Concen: 138.711 ug/l

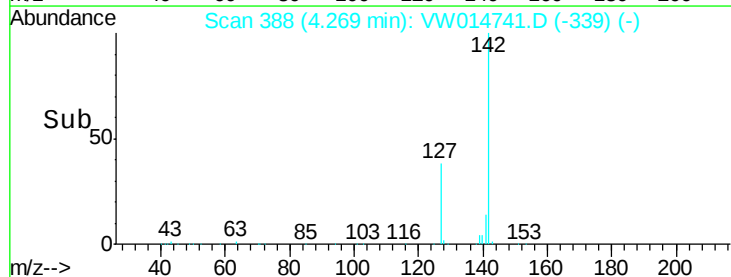
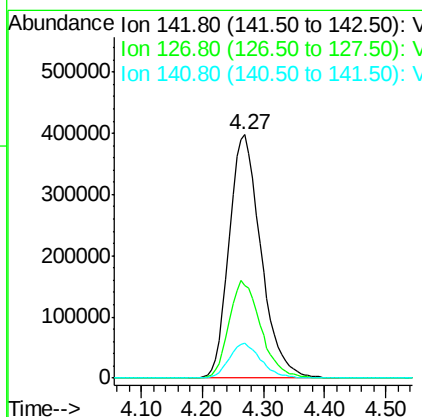
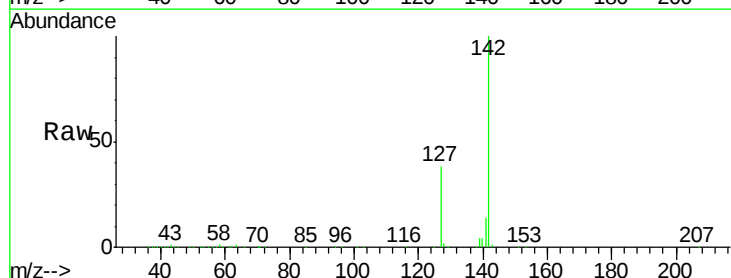
RT: 4.27 min Scan# 388

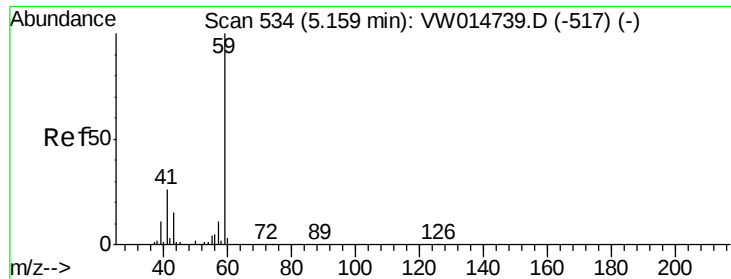
Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion:	142	Resp:	1428444
Ion Ratio	Lower	Upper	
142	100		
127	40.1	33.2	49.8
141	14.3	11.8	17.6





#11

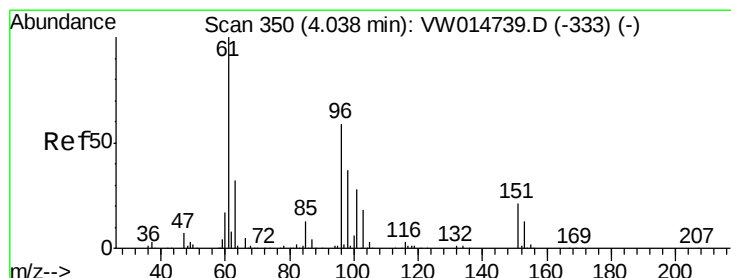
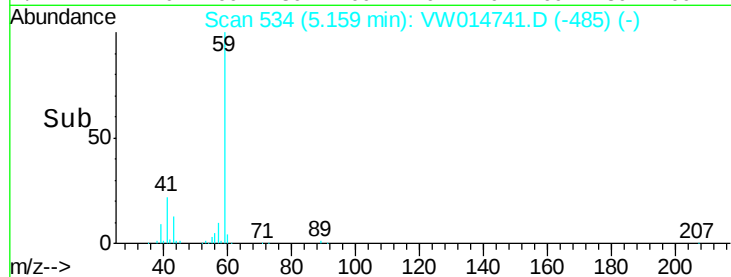
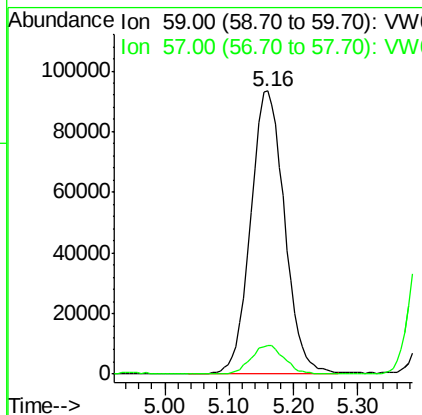
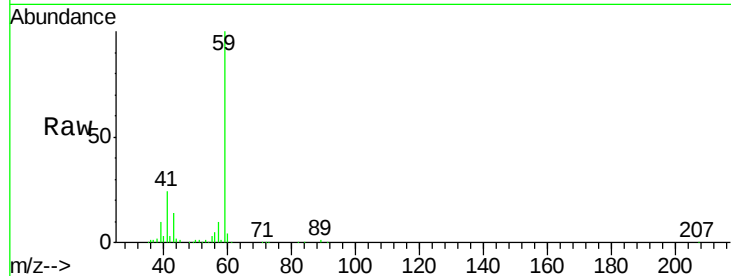
Tert butyl alcohol
 Concen: 638.663 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
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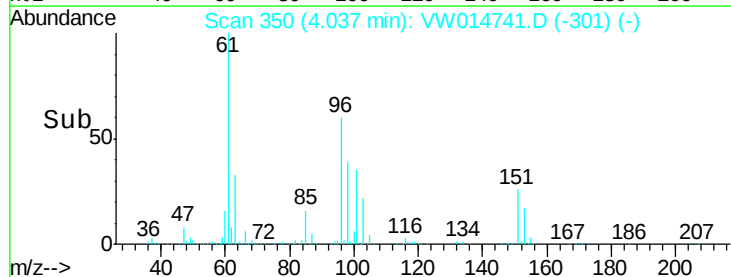
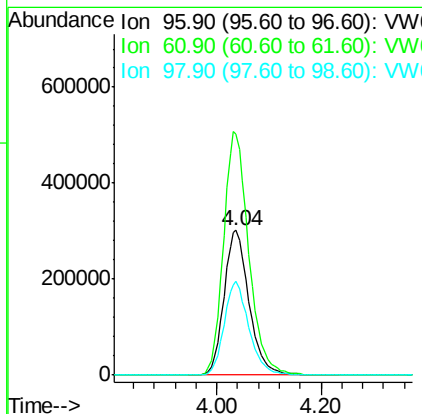
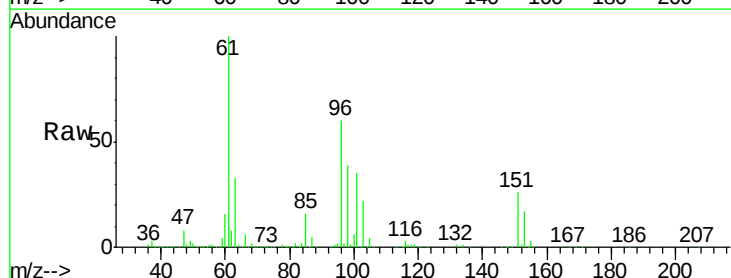
MMDadoda
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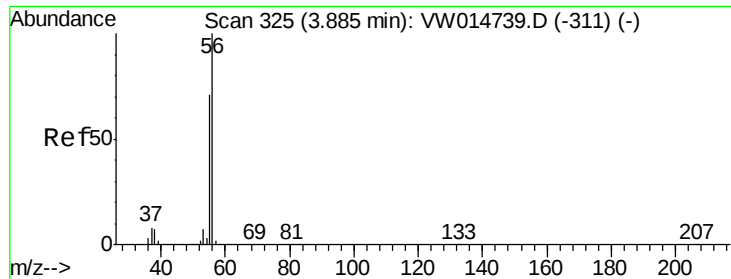


#12

1,1-Dichloroethene
 Concen: 141.455 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	136.3	204.5
98	64.4	51.0	76.6





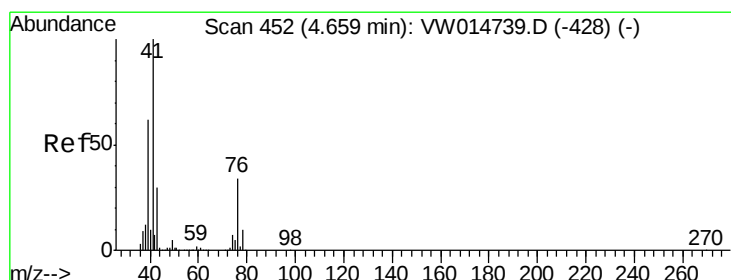
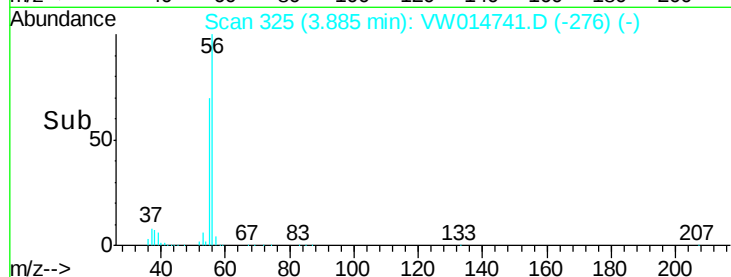
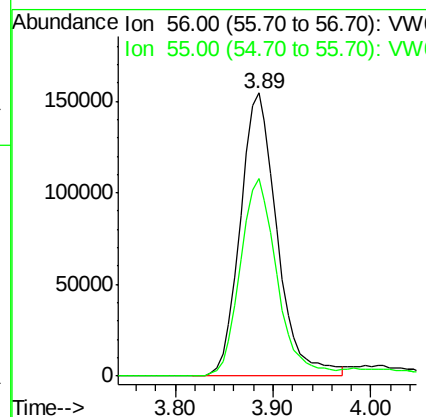
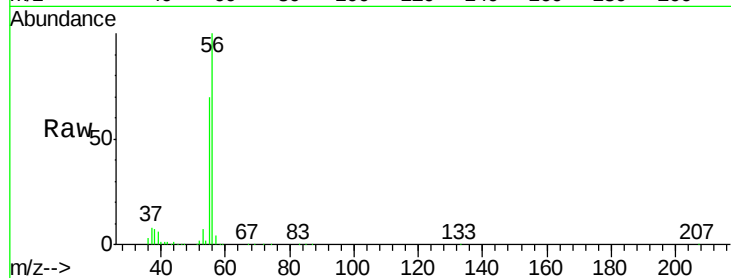
#13
Acrolein
Concen: 771.342 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	56	Resp	403286
Ion Ratio	100	Lower	Upper
55	69.6	55.7	83.5

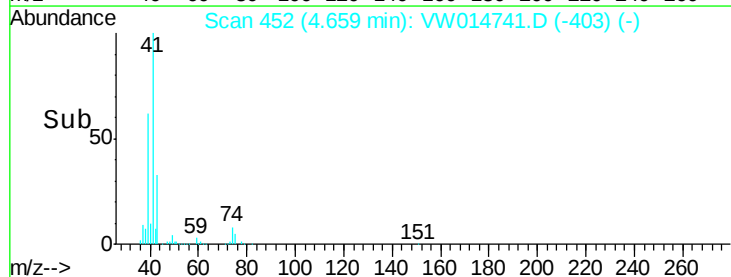
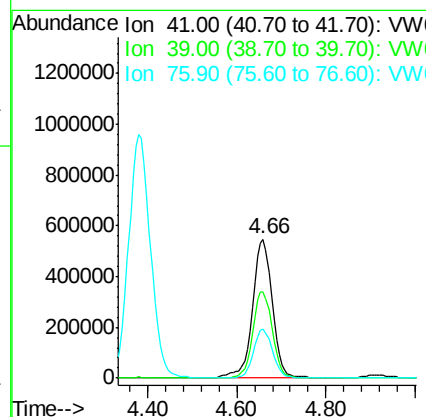
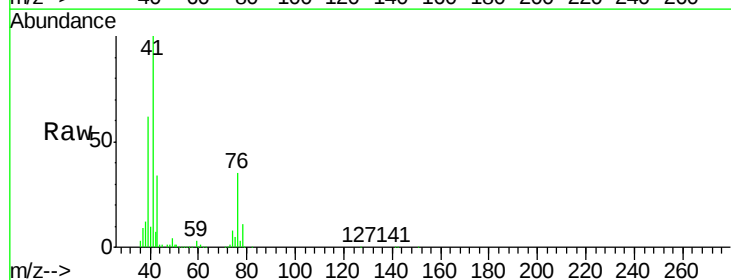
Manual Integrations
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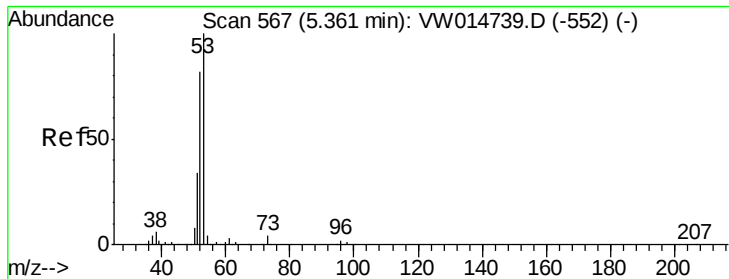
MMDadoda
1/27/2020 12:06:22 PM



#14
Allyl chloride
Concen: 152.706 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	41	Resp	1703542
Ion Ratio	100	Lower	Upper
39	61.4	50.0	75.0
76	33.9	26.7	40.1





#15

Acrylonitrile

Concen: 744.257 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

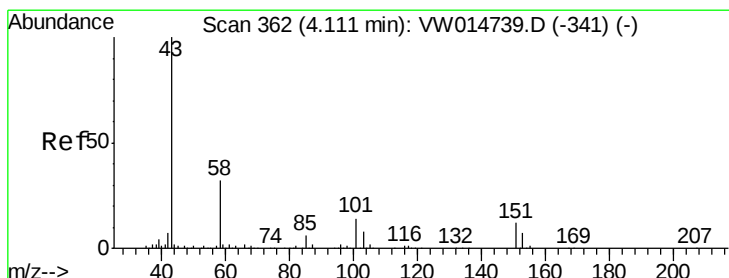
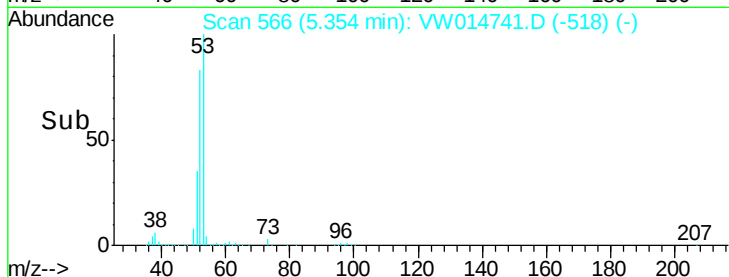
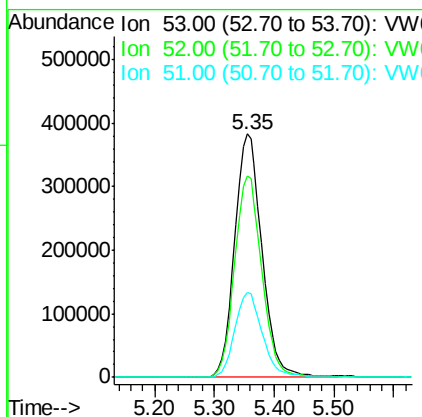
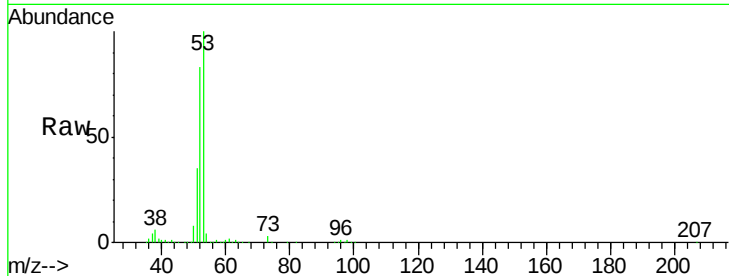
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	1222235
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.0	99.0
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 658.931 ug/l

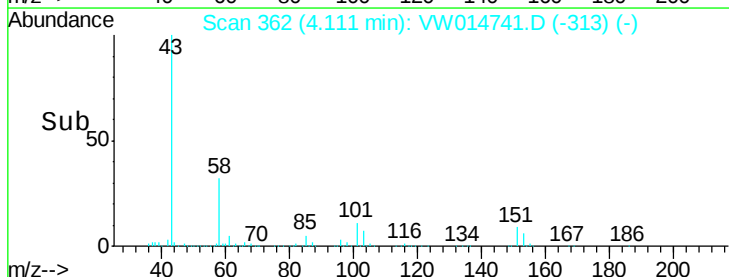
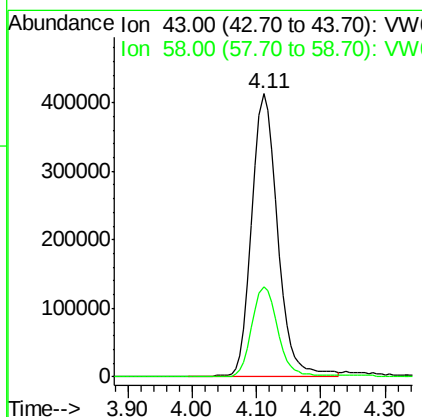
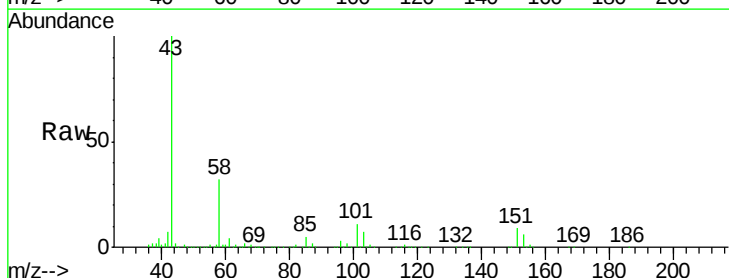
RT: 4.11 min Scan# 362

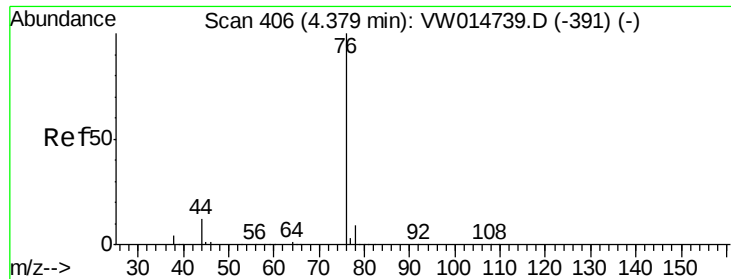
Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion:	43	Resp:	1144177
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.6	38.4





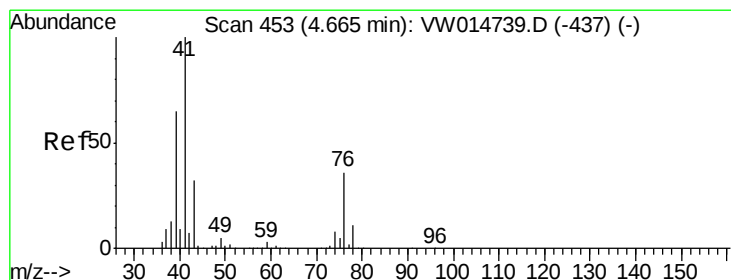
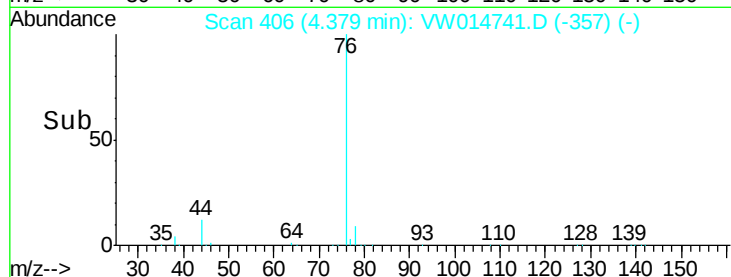
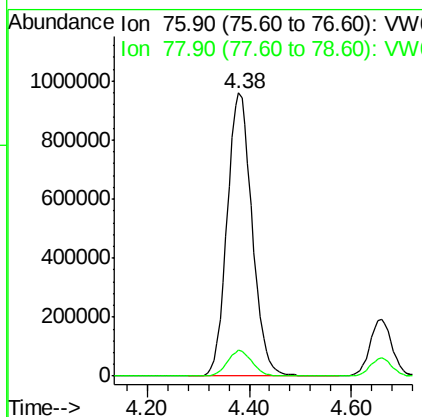
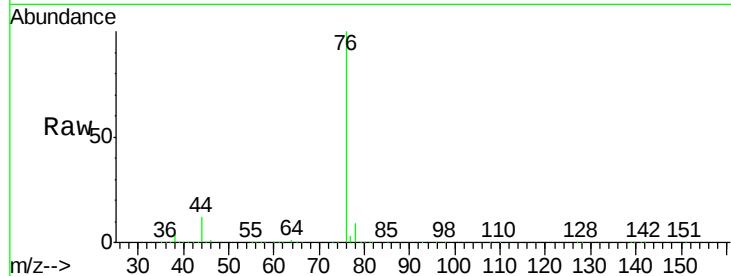
#17
Carbon Disulfide
Concen: 148.917 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 3263498
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

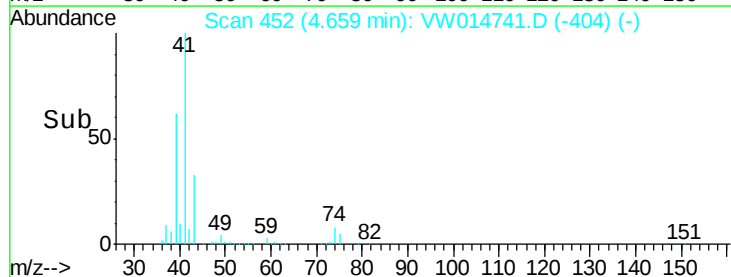
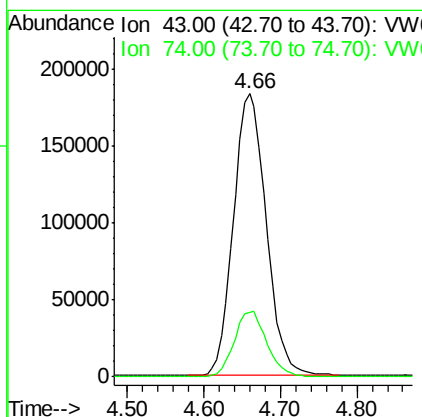
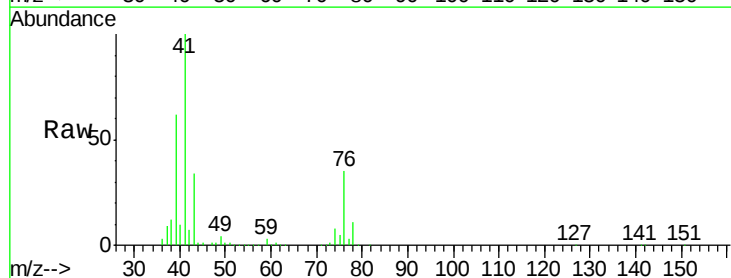
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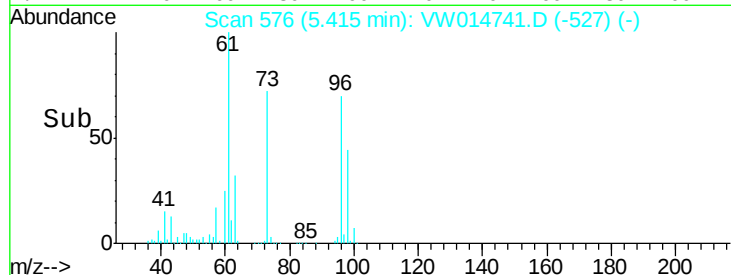
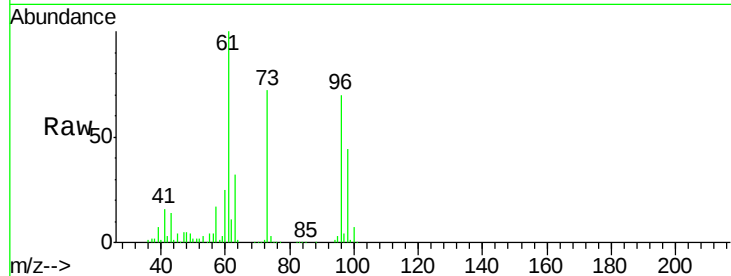
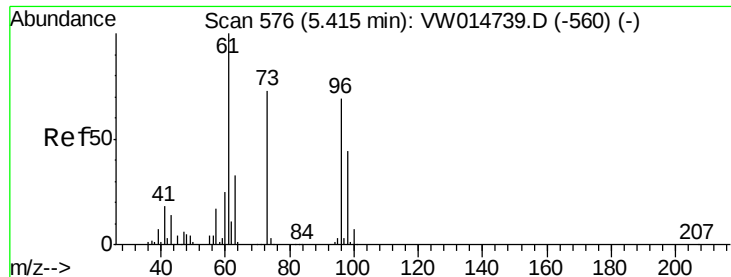
MMDadoda
1/27/2020 12:06:22 PM



#18
Methyl Acetate
Concen: 131.565 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 43 Resp: 544789
Ion Ratio Lower Upper
43 100
74 23.1 18.4 27.6





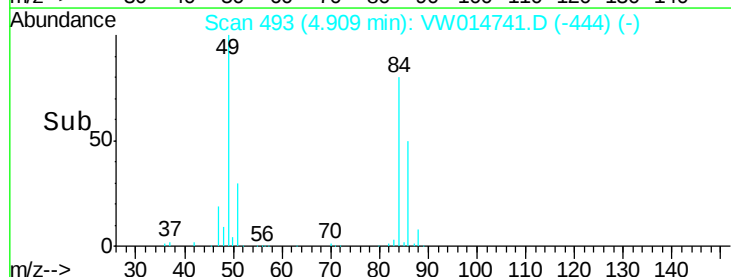
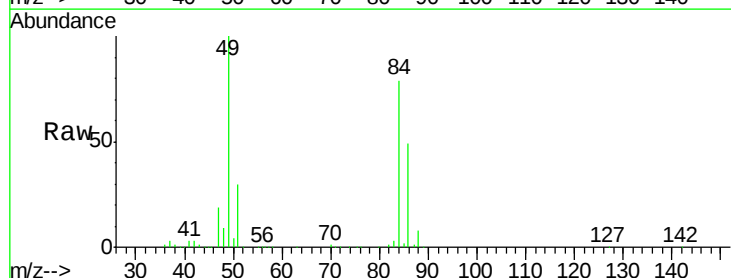
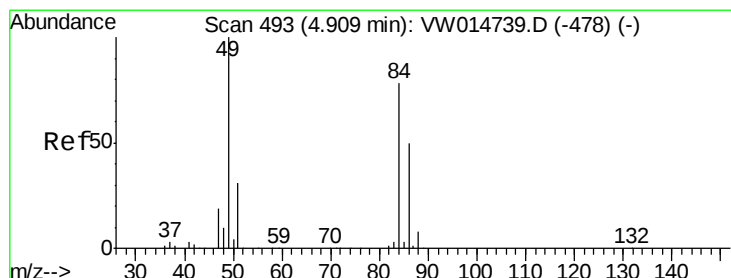
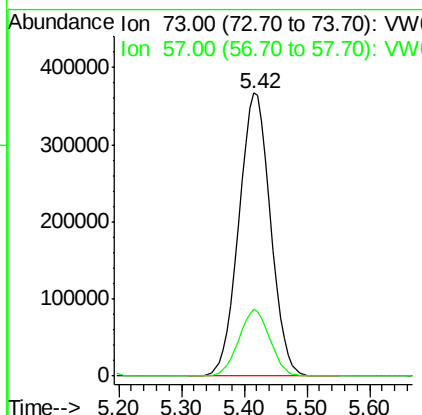
#19
Methvl tert-butvl Ether
Concen: 143.117 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tot Ion: 73 Resp: 1277440
Ion Ratio Lower Upper
73 100
57 23.5 18.5 27.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

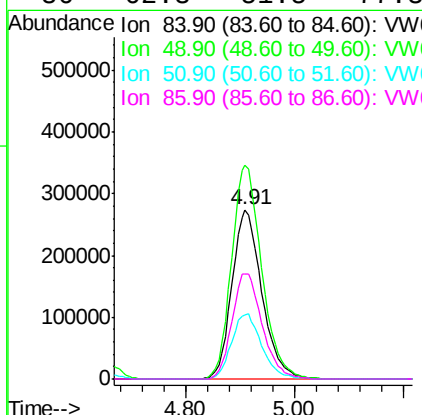
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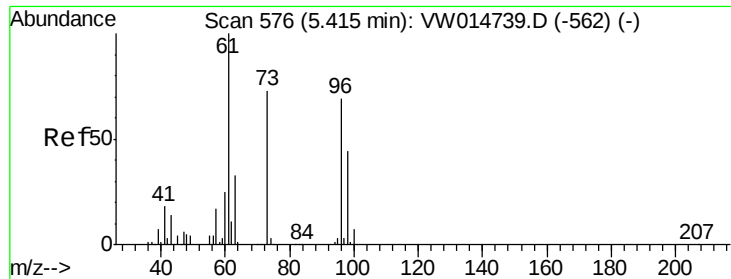
MMDadoda
1/27/2020 12:06:22 PM



#20
Methylene Chloride
Concen: 126.129 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 84 Resp: 1045539
Ion Ratio Lower Upper
84 100
49 126.0 103.1 154.7
51 37.9 32.1 48.1
86 62.3 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 139.257 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1065191

Ion Ratio Lower Upper

96 100

61 142.5 116.1 174.1

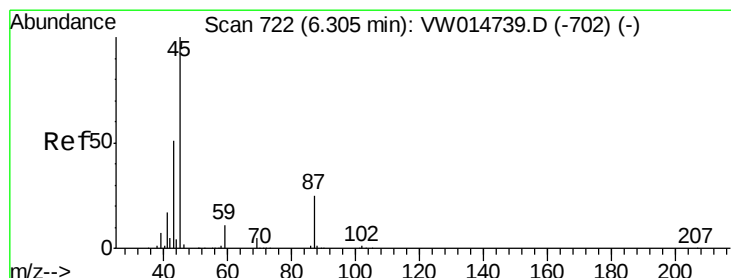
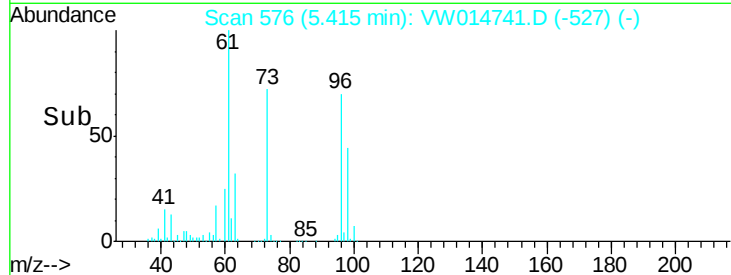
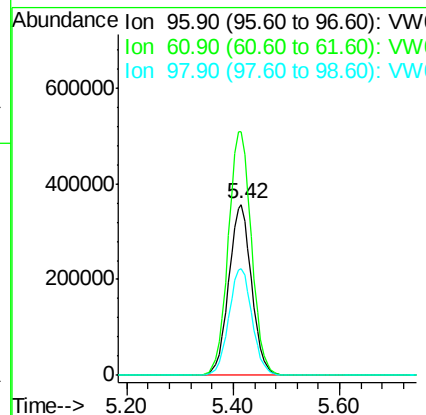
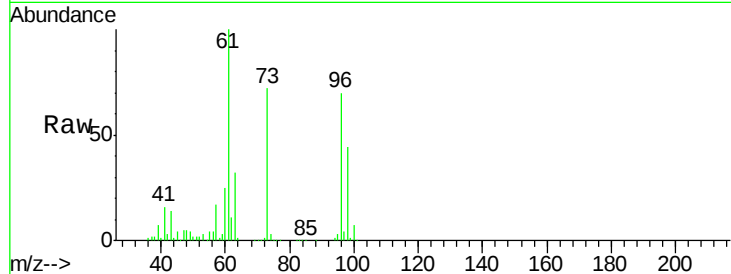
98 62.1 51.6 77.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 145.252 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion: 45 Resp: 3034115

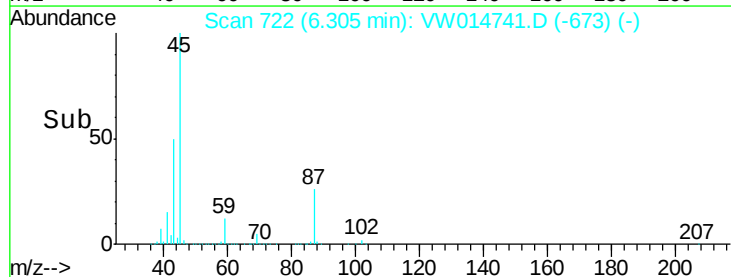
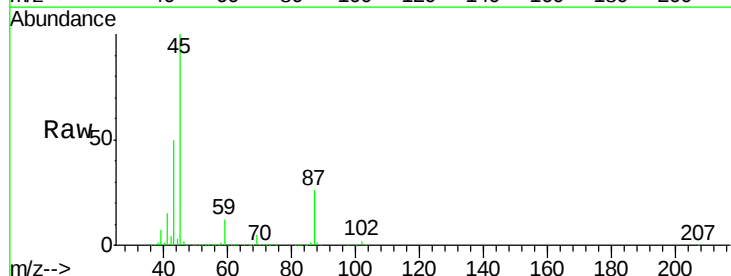
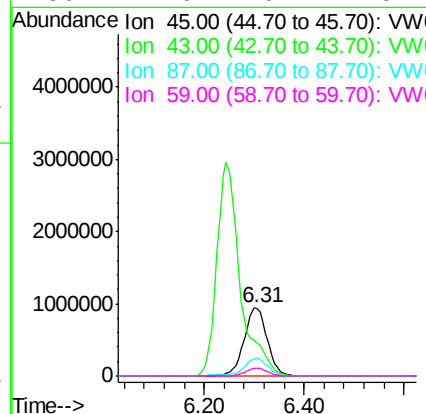
Ion Ratio Lower Upper

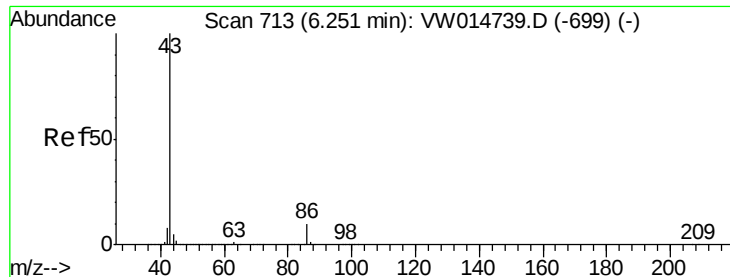
45 100

43 49.6 40.9 61.3

87 25.7 20.3 30.5

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 771.793 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

VSTDICC150

Tot Ion: 43 Resp: 9604749

Ion Ratio Lower Upper

43 100

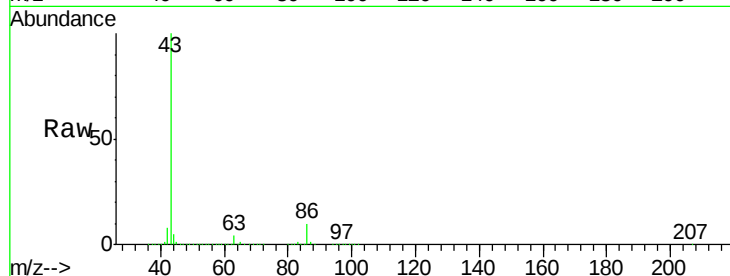
86 10.4 7.9 11.9

Manual Integrations

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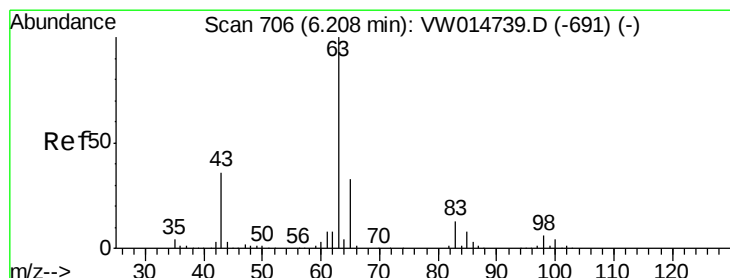
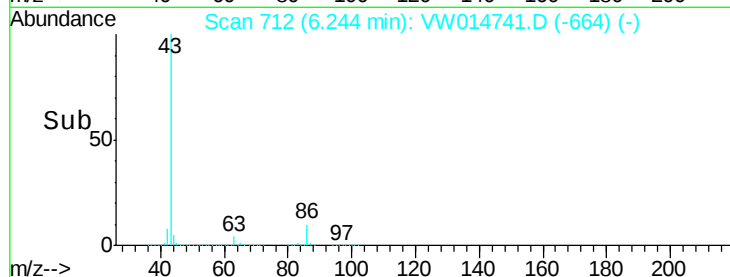
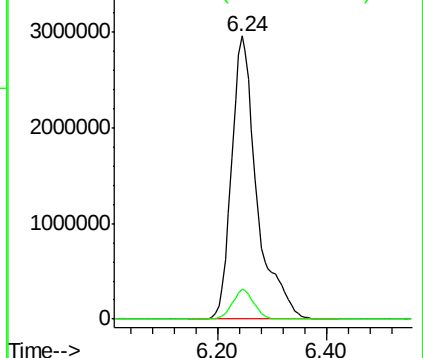
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 144.877 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

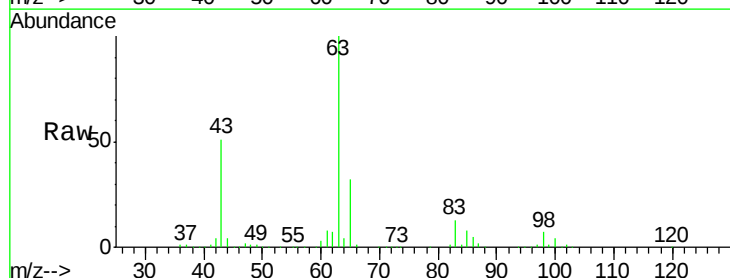
Tgt Ion: 63 Resp: 1897727

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

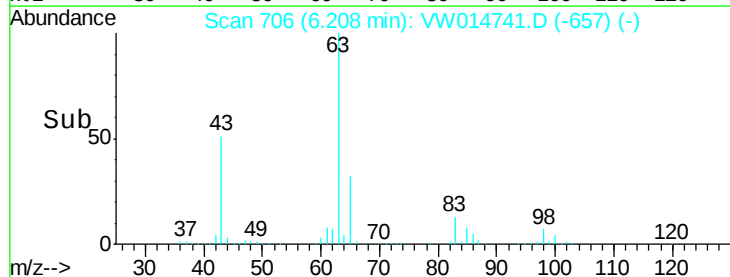
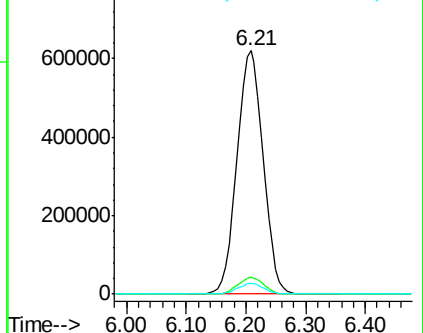
100 4.3 2.1 6.5

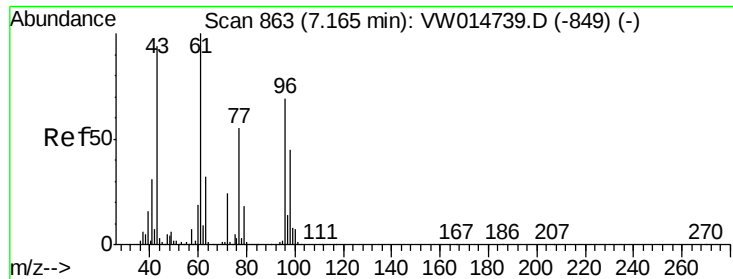


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





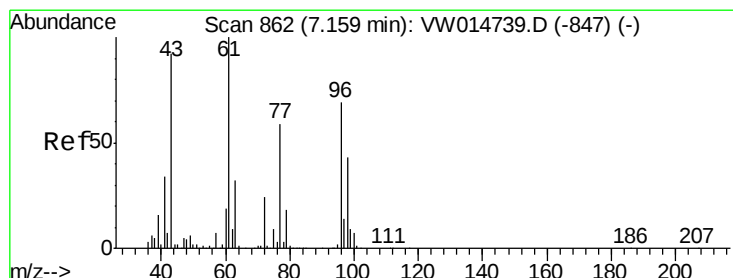
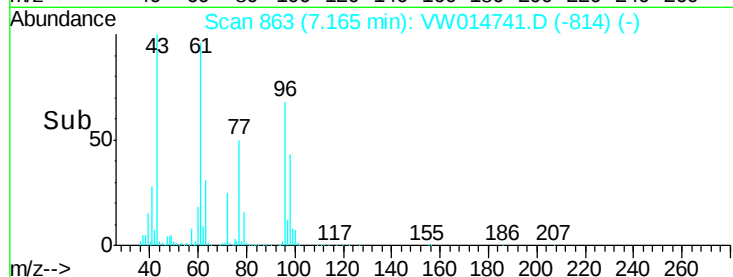
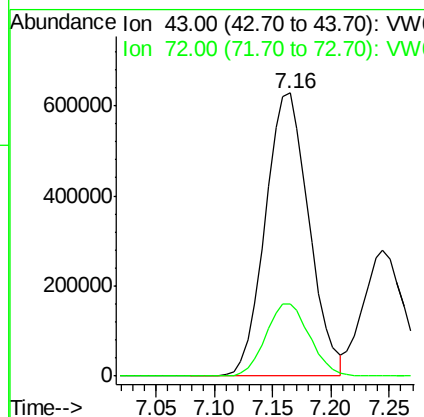
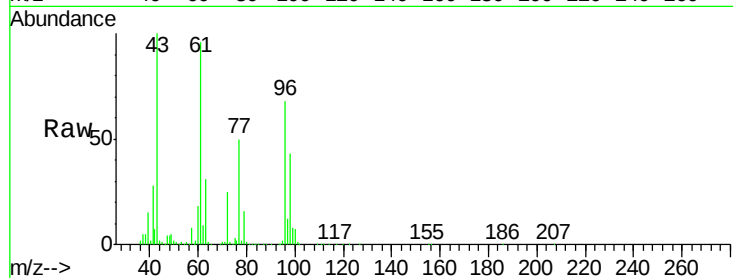
#25
2-Butanone
Concen: 729.886 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1628496
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4

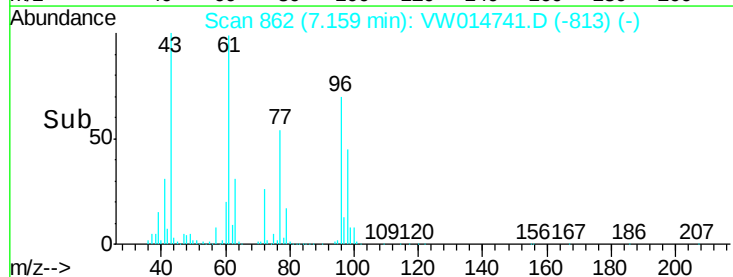
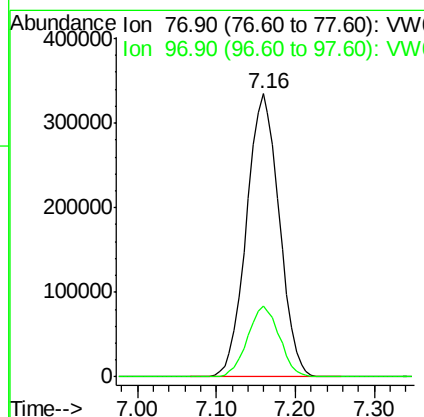
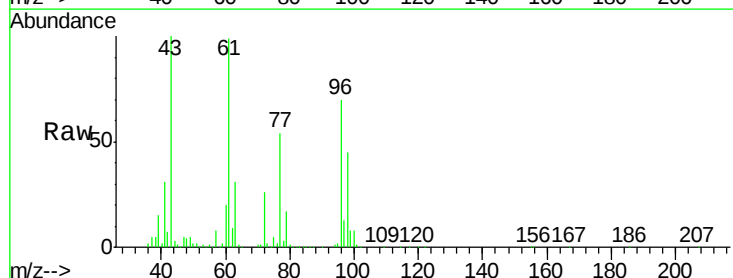
Manual Integrations
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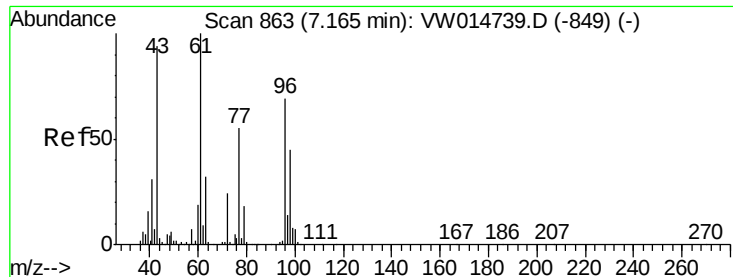
MMDadoda
1/27/2020 12:06:22 PM



#26
2,2-Dichloropropane
Concen: 132.779 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 77 Resp: 963754
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.9





#27

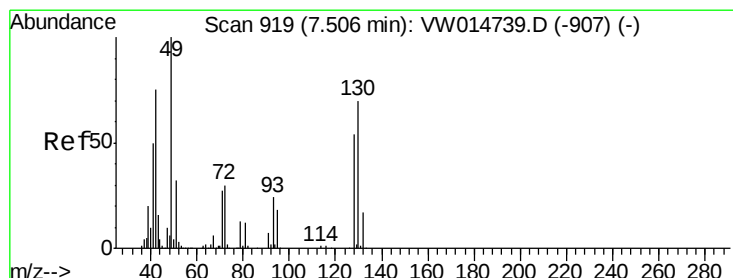
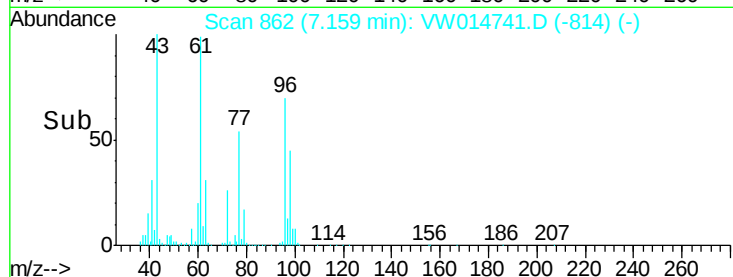
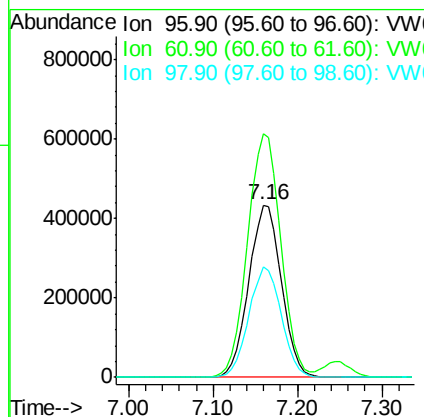
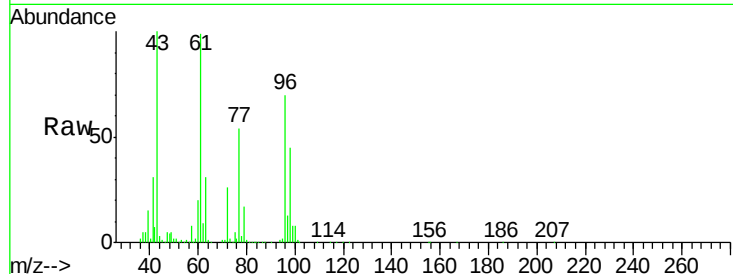
cis-1,2-Dichloroethene
 Concen: 141.913 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	292.2
98	64.0	0.0	127.6

Manual Integrations
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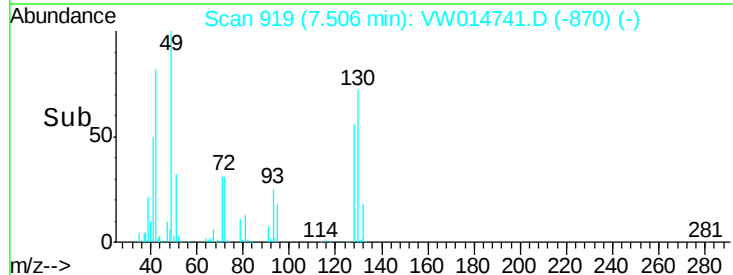
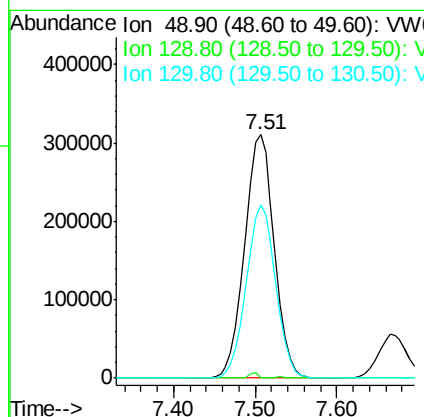
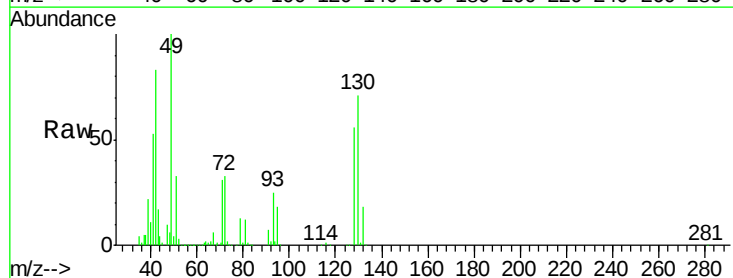
MMDadoda
 1/27/2020 12:06:22 PM

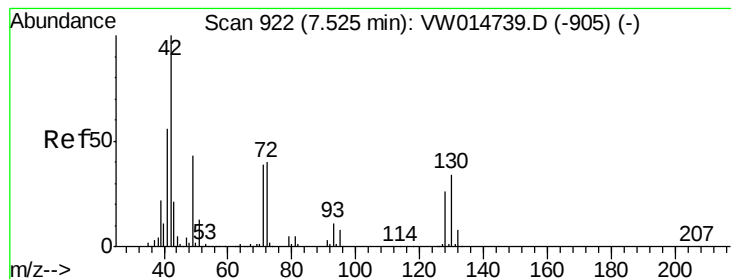


#28

Bromochloromethane
 Concen: 154.116 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.6
130	70.7	56.7	85.1





#29

Tetrahydrofuran

Concen: 742.780 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 1032172

Ion Ratio Lower Upper

42 100

72 41.3 32.3 48.5

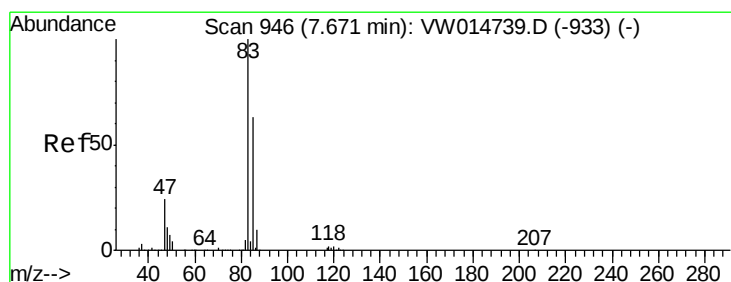
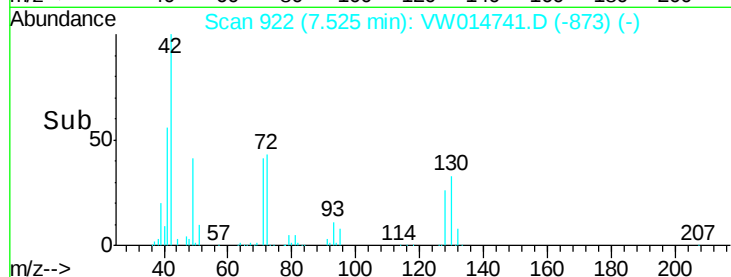
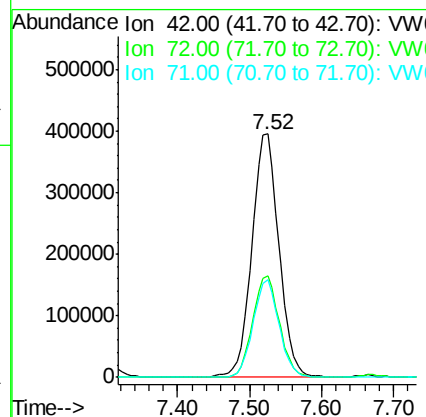
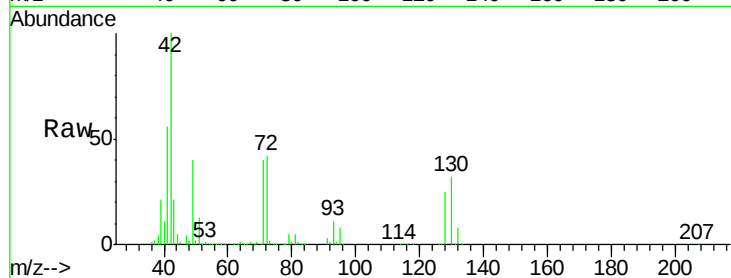
71 38.4 31.0 46.4

Manual Integrations

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#30

Chloroform

Concen: 142.531 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014741.D

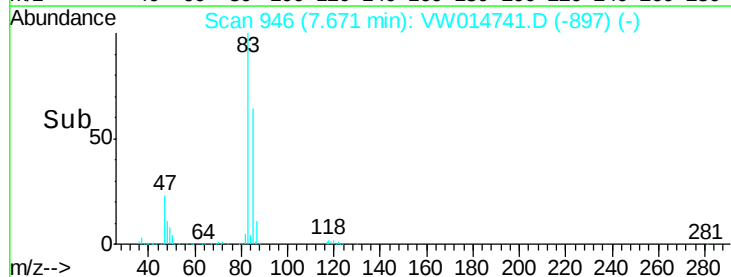
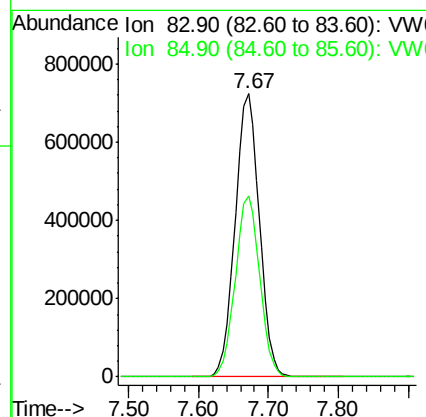
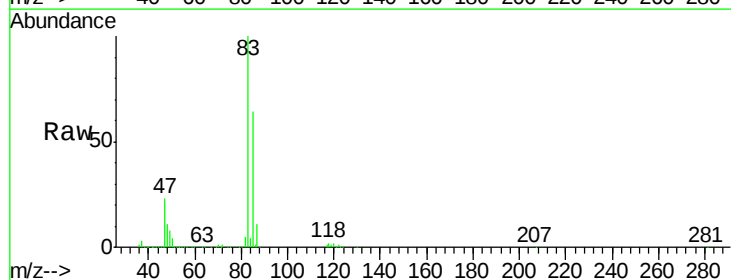
Acq: 24 Jan 2020 12:44

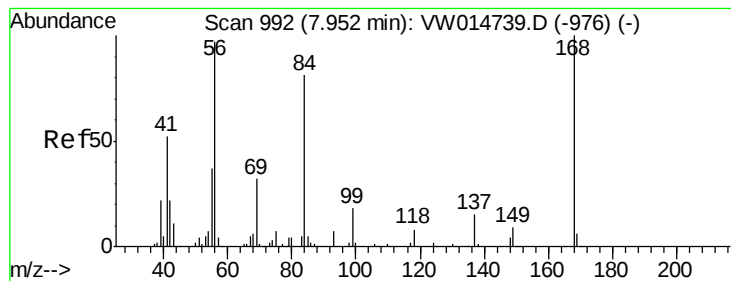
Tgt Ion: 83 Resp: 1743187

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1





#31

Cyclohexane

Concen: 138.314 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 1878080

Ion Ratio Lower Upper

56 100

69 31.0 26.0 39.0

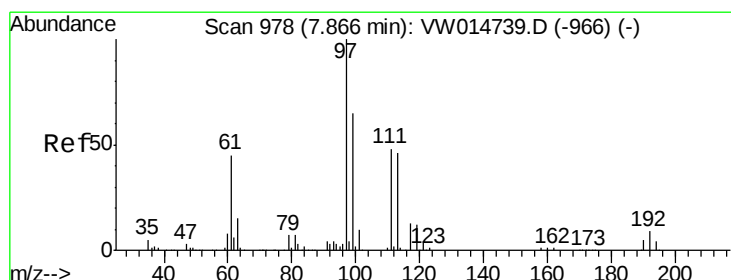
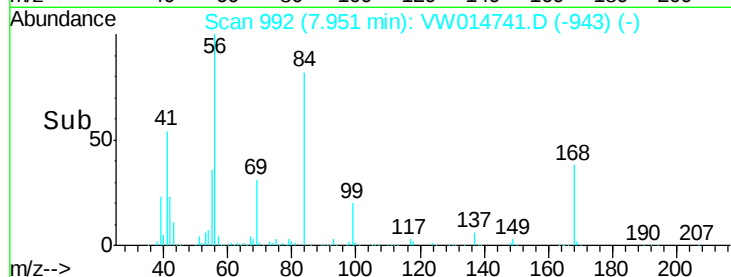
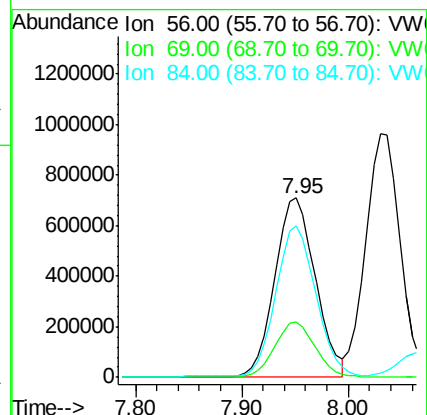
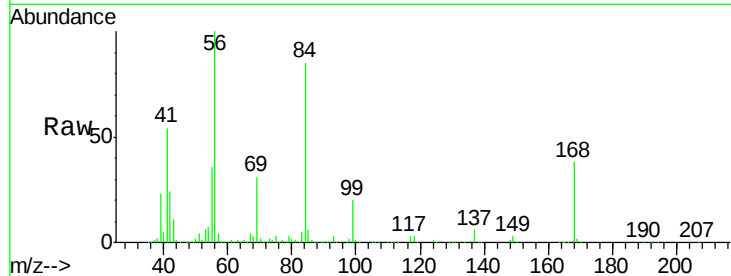
84 83.7 66.6 99.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 143.861 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

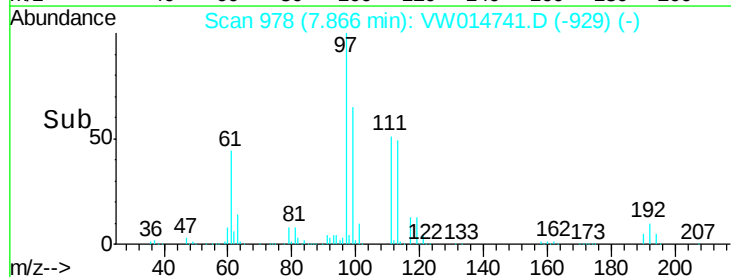
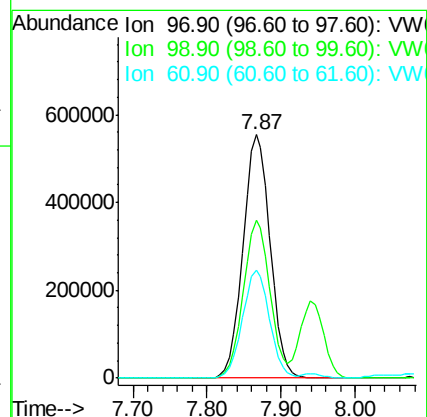
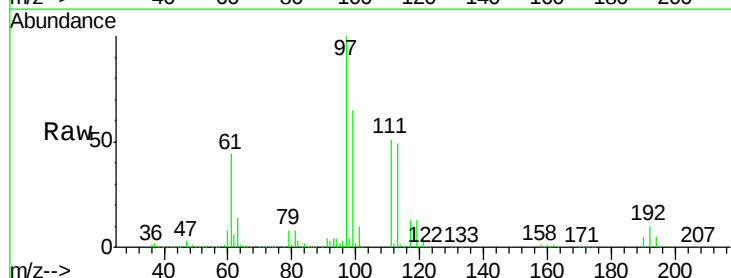
Tgt Ion: 97 Resp: 1413573

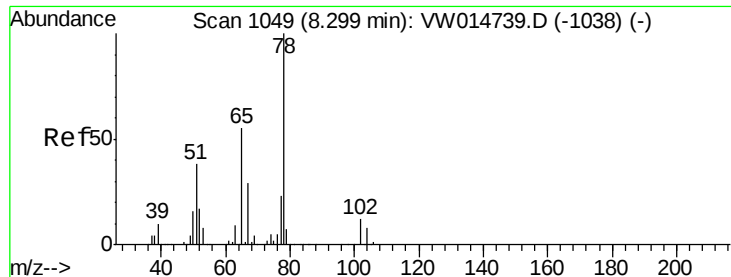
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.4

61 44.3 36.2 54.4





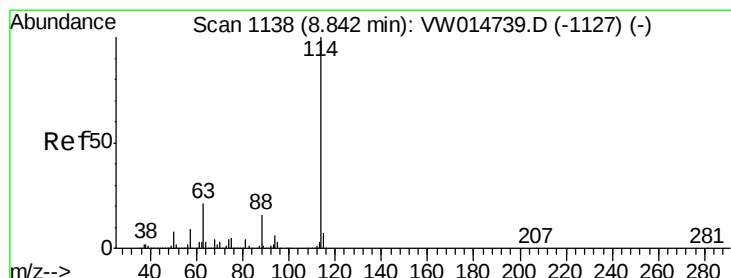
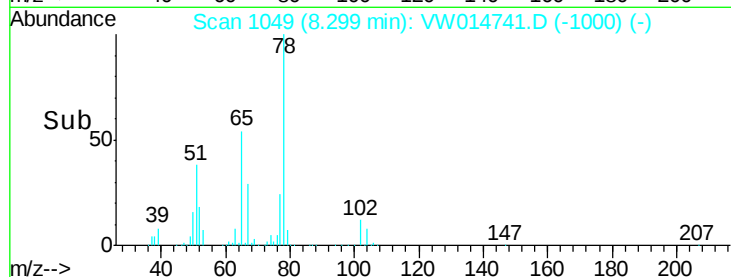
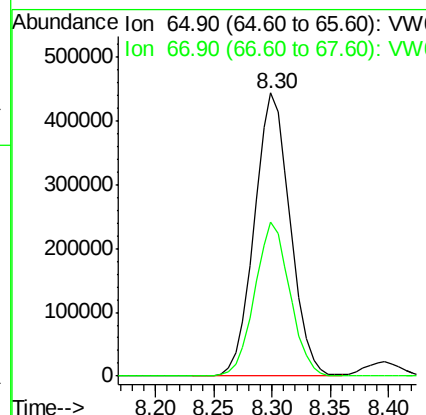
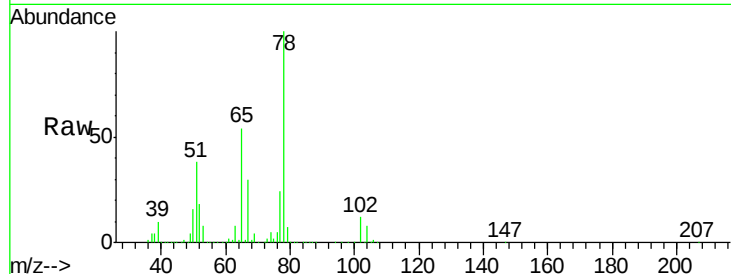
#33
 1,2-Dichloroethane-d4
 Concen: 149.104 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5		0.0	106.0

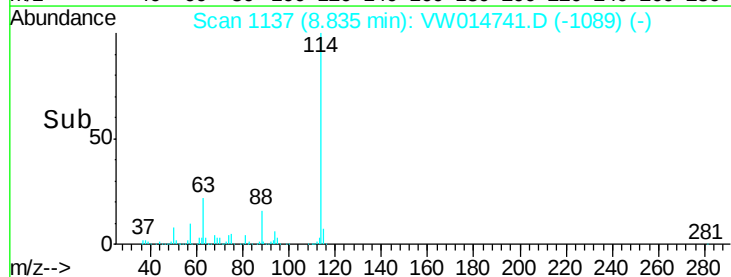
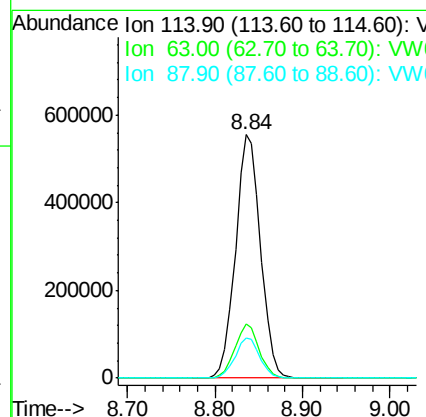
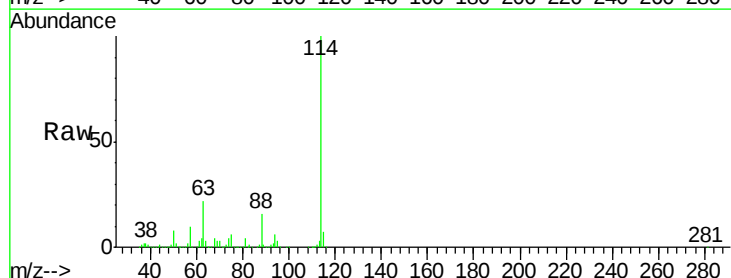
Manual Integrations
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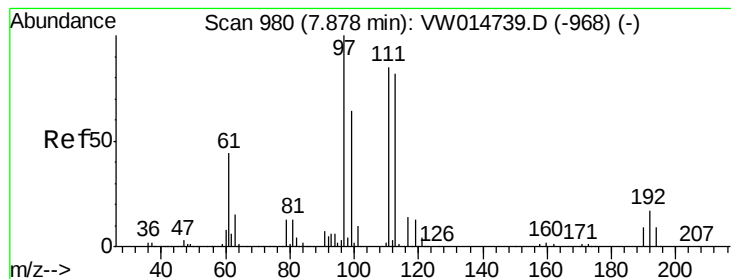
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.4		0.0	41.2
88	16.4		0.0	32.2





#35

Dibromofluoromethane

Concen: 139.749 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:113 Resp: 887705

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

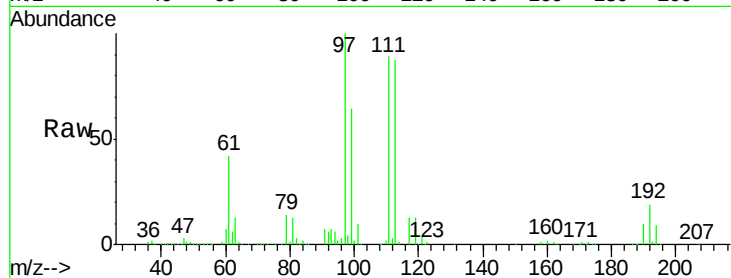
192 21.8 17.0 25.6

Manual Integrations

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MMDadoda

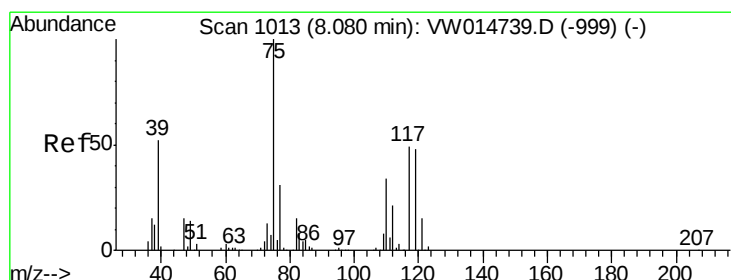
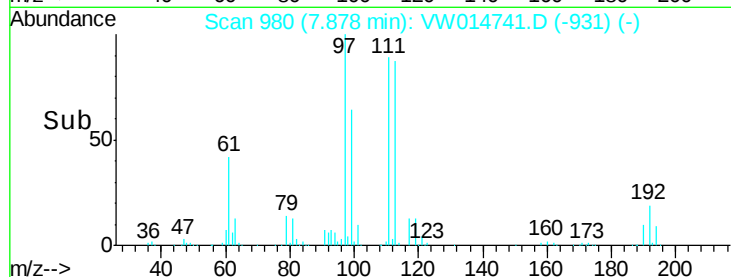
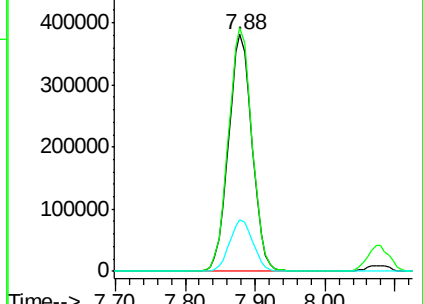
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 139.363 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

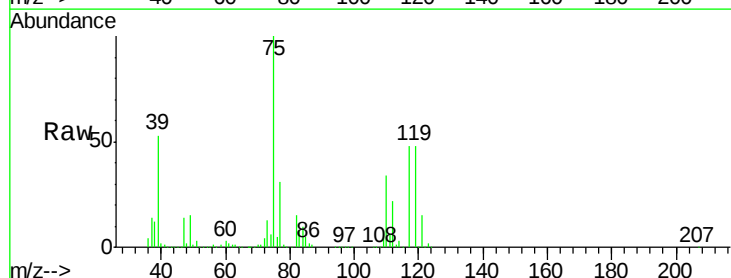
Tgt Ion: 75 Resp: 1501496

Ion Ratio Lower Upper

75 100

110 34.2 17.1 51.2

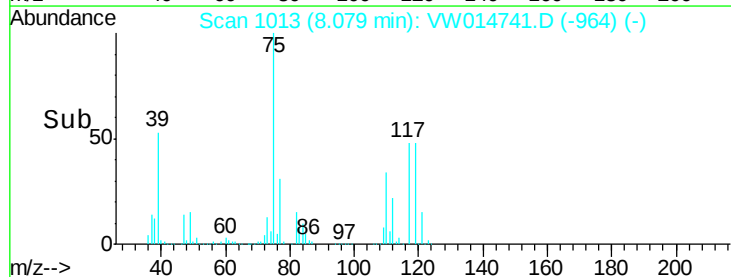
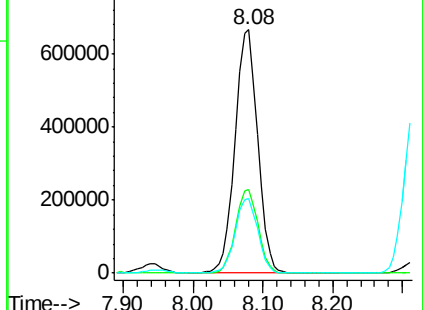
77 30.9 24.8 37.2

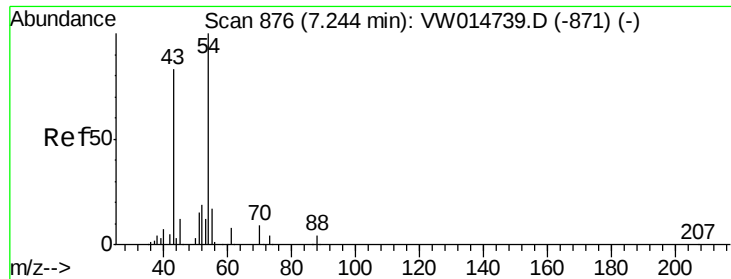


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





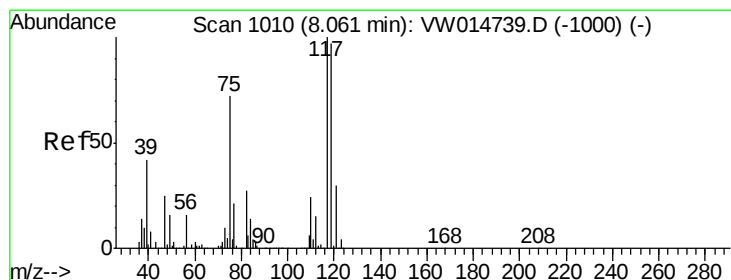
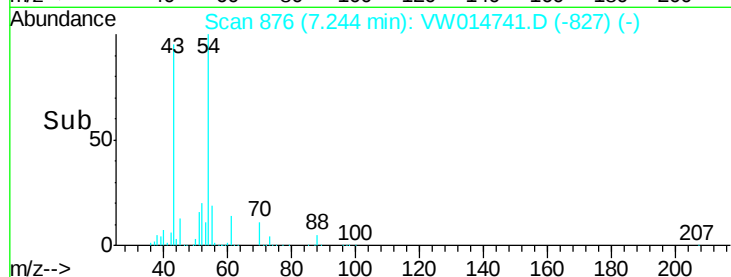
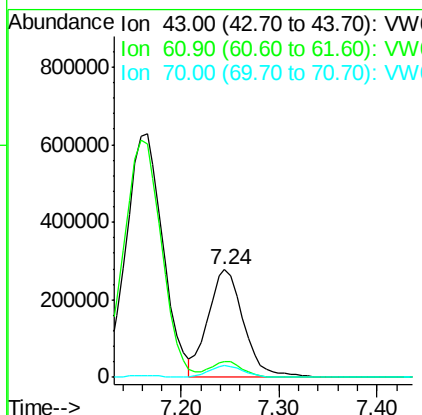
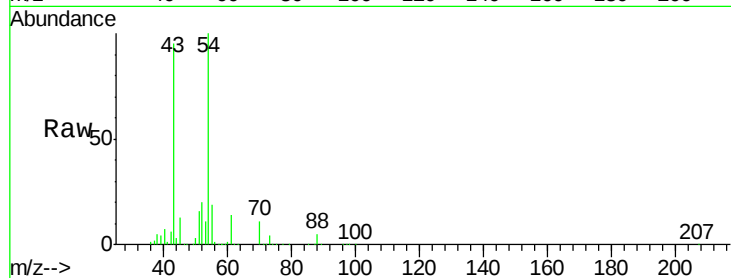
#37
Ethyl Acetate
Concen: 146.672 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.7	16.1
70	10.6	8.5	12.7

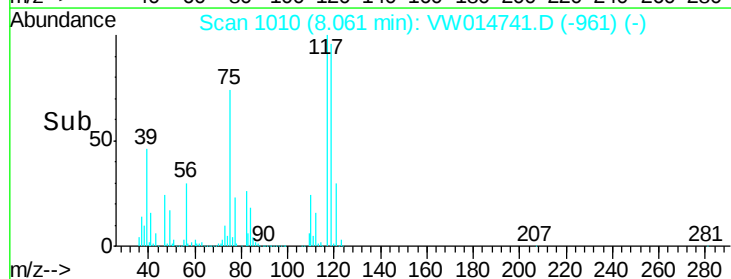
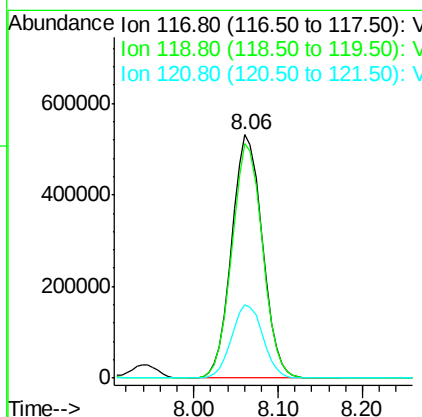
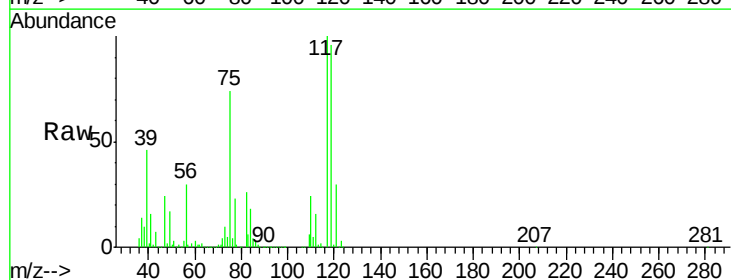
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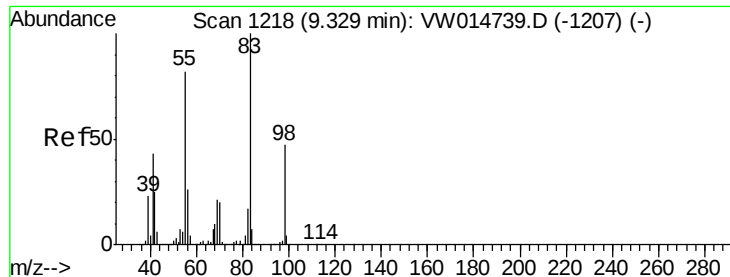
MMDadoda
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#38
Carbon Tetrachloride
Concen: 140.441 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
121	30.3	24.3	36.5





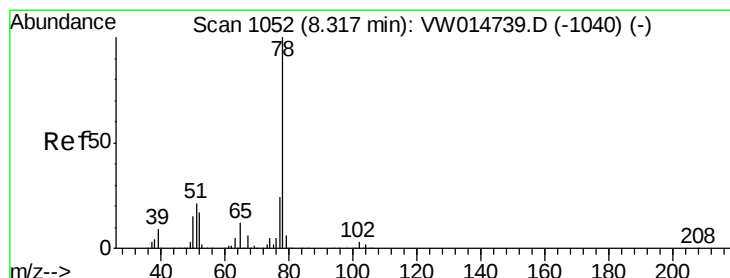
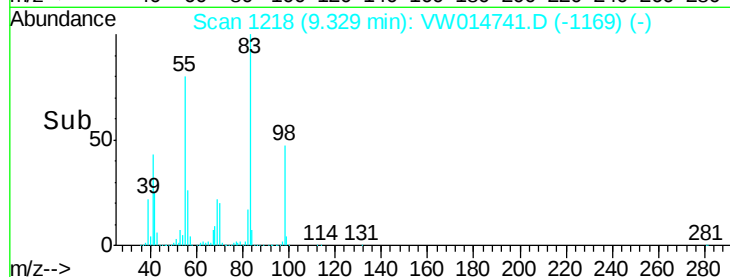
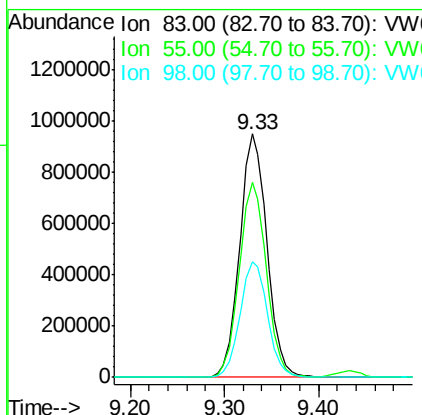
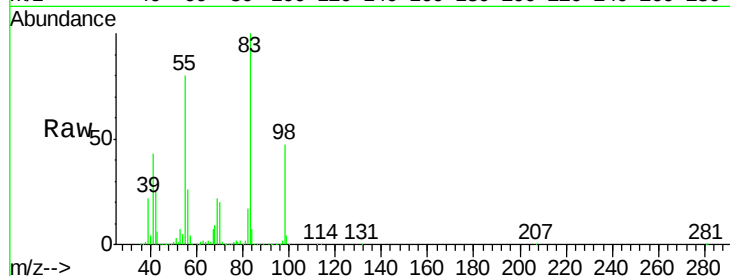
#39
Methvlcvclohexane
Concen: 140.063 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1920914
Ion Ratio Lower Upper
83 100
55 80.1 65.2 97.8
98 47.5 37.6 56.4

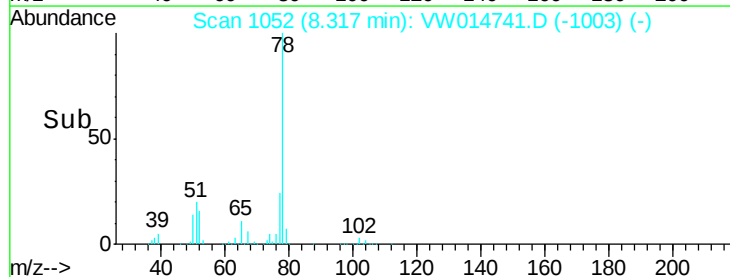
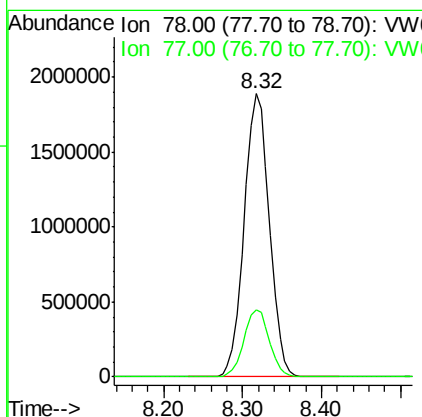
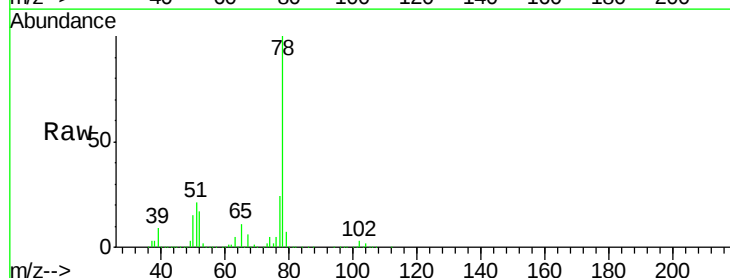
Manual Integrations
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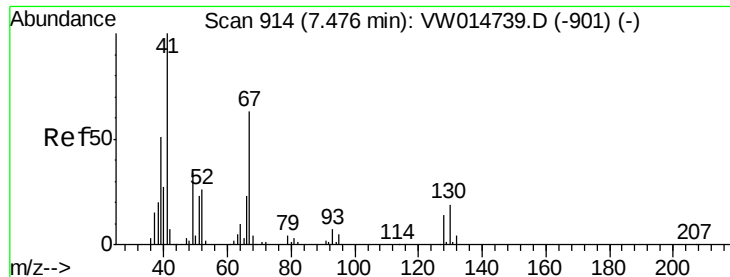
MMDadoda
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#40
Benzene
Concen: 137.451 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 78 Resp: 4187067
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





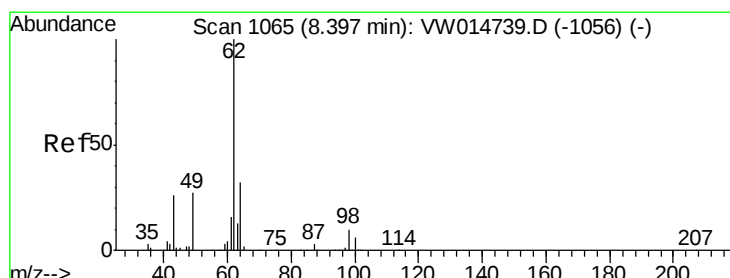
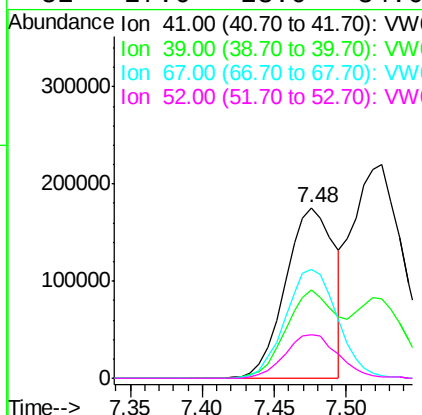
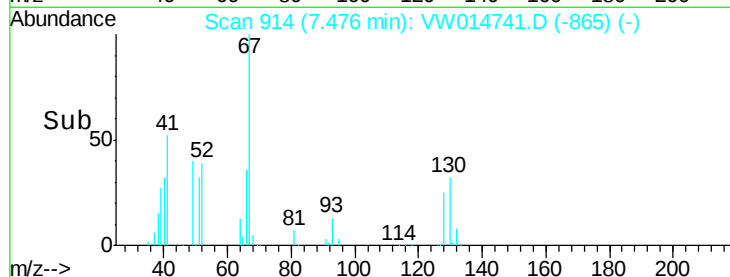
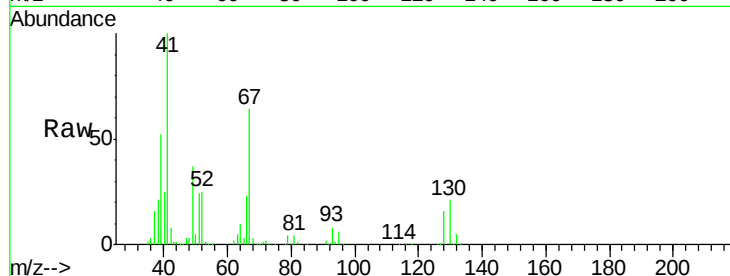
#41
Methacrylonitrile
Concen: 155.636 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	416040
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.3	67.9
67	68.5	57.0	85.4
52	27.6	23.0	34.6

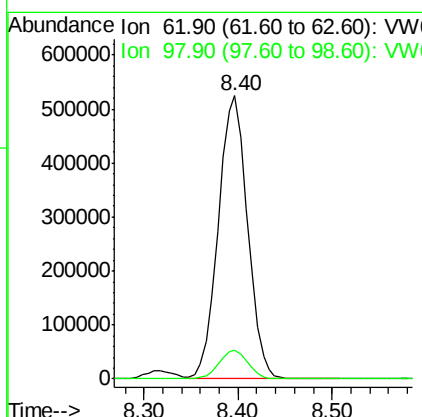
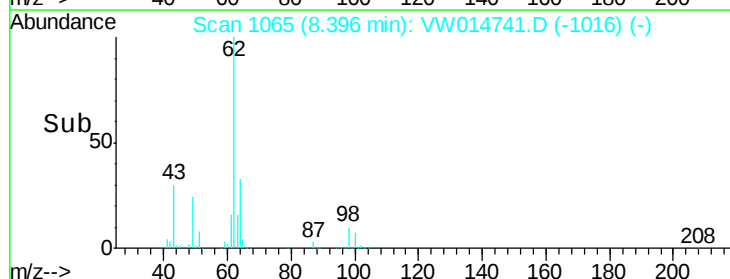
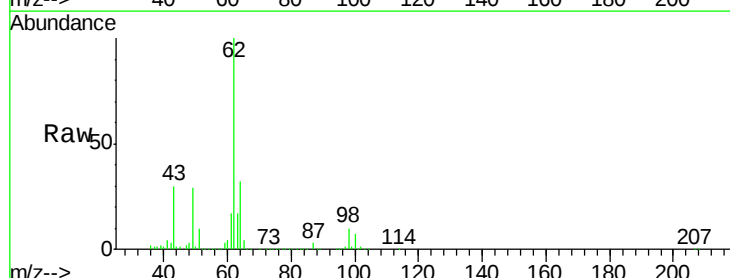
Manual Integrations
APPROVED

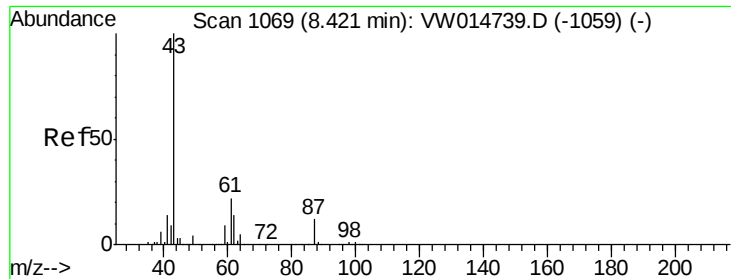
MMDadoda
1/27/2020 12:06:22 PM



#42
1,2-Dichloroethane
Concen: 141.944 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	62	Resp	1125624
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





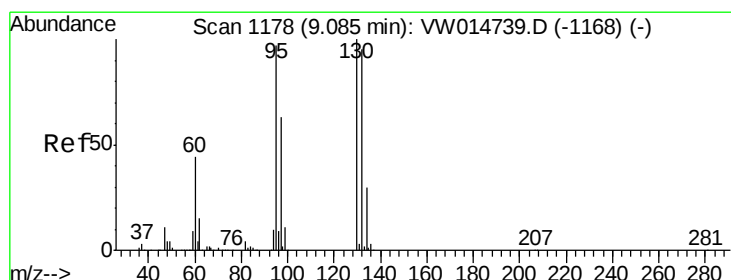
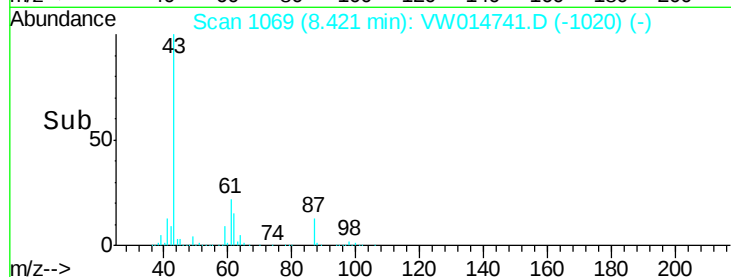
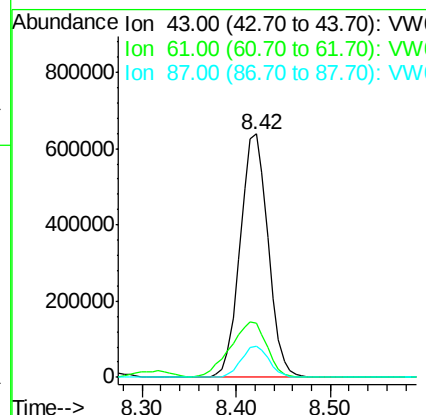
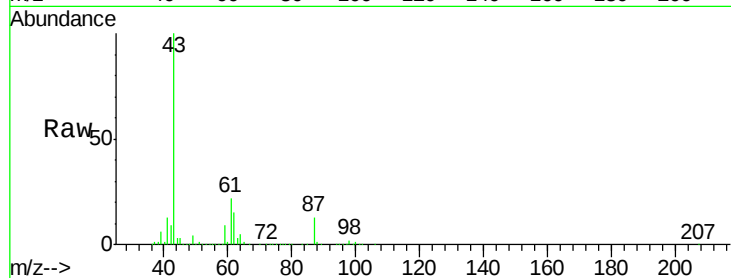
#43
Isopropyl Acetate
Concen: 151.061 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1316778
Ion Ratio Lower Upper
43 100
61 29.8 24.4 36.6
87 12.8 9.8 14.6

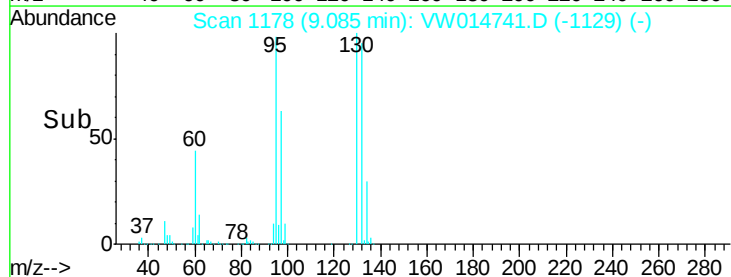
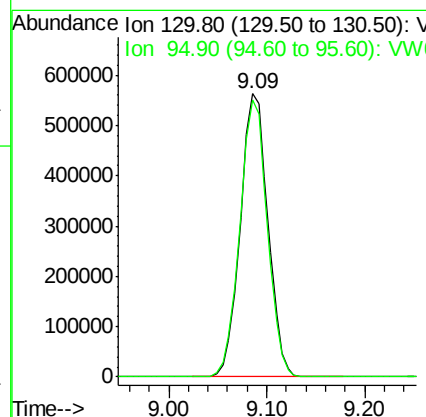
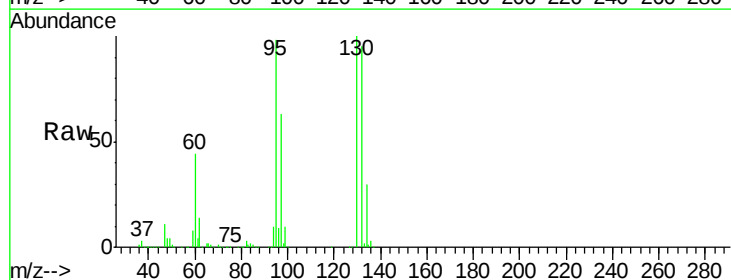
Manual Integrations
APPROVED

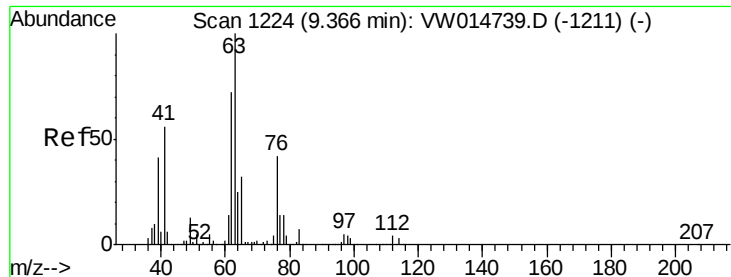
MMDadoda
1/27/2020 12:06:22 PM



#44
Trichloroethene
Concen: 135.176 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:130 Resp: 1104621
Ion Ratio Lower Upper
130 100
95 97.7 0.0 193.2





#45

1,2-Dichloropropane

Concen: 141.249 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 1056899

Ion Ratio Lower Upper

63 100

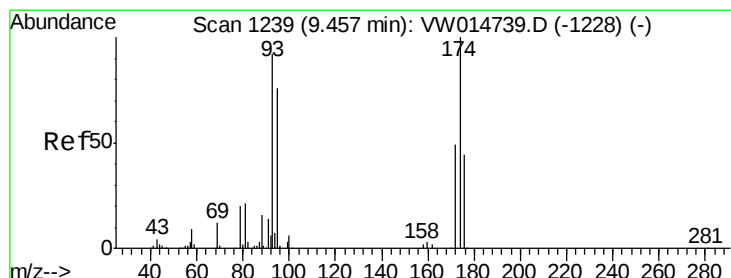
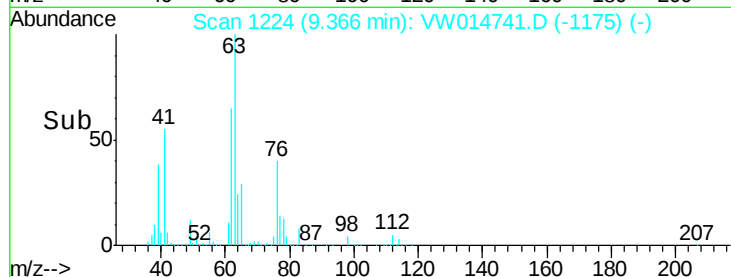
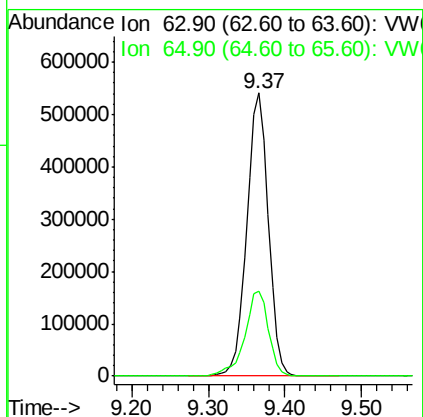
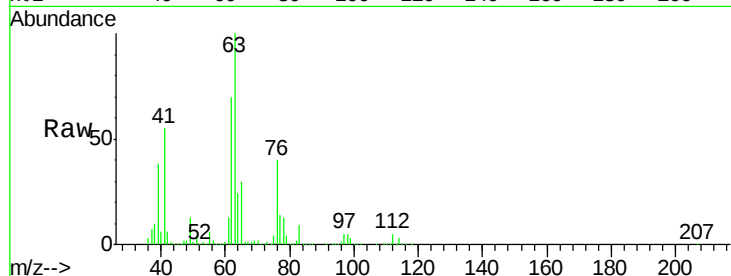
65 29.9 25.3 37.9

Manual Integrations

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#46

Dibromomethane

Concen: 137.940 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

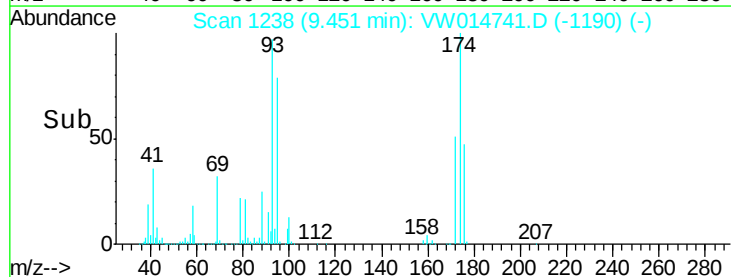
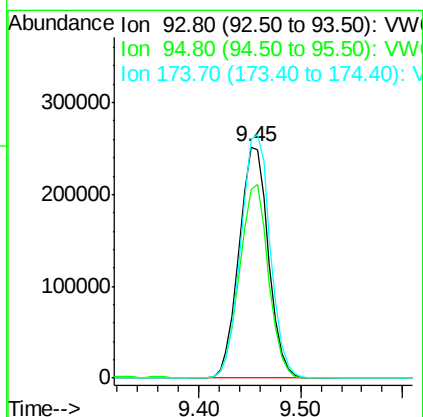
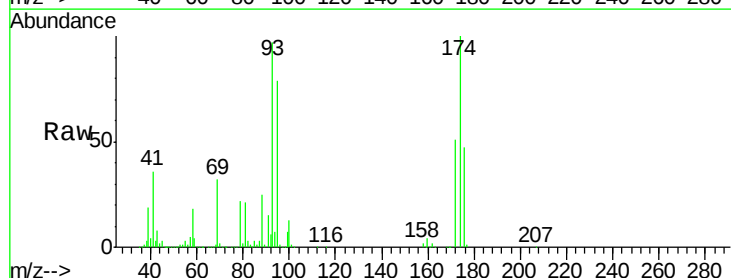
Tgt Ion: 93 Resp: 502024

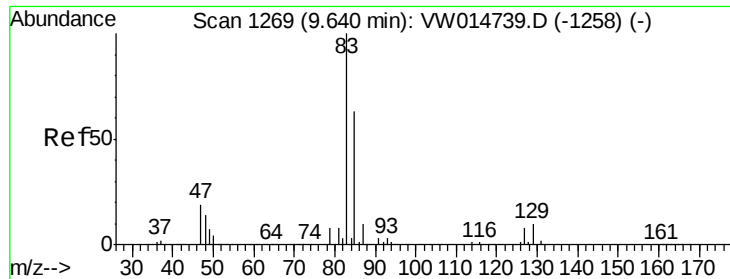
Ion Ratio Lower Upper

93 100

95 82.4 65.4 98.2

174 106.0 84.2 126.2





#47

Bromodichloromethane

Concen: 143.884 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1310824

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

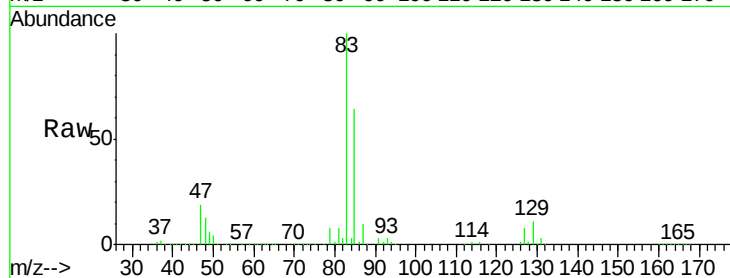
127 8.3 6.5 9.7

Manual Integrations

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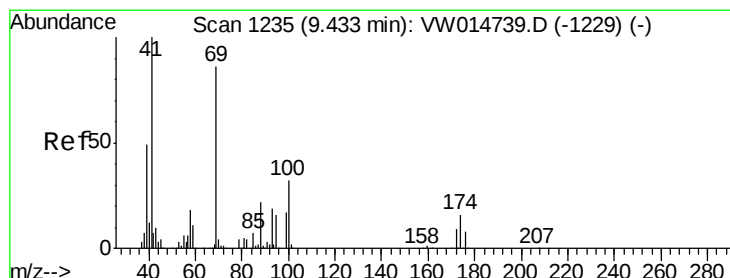
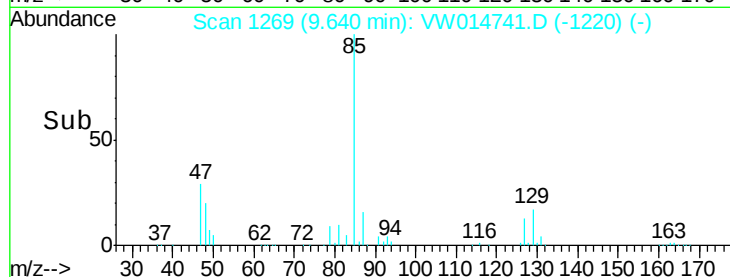
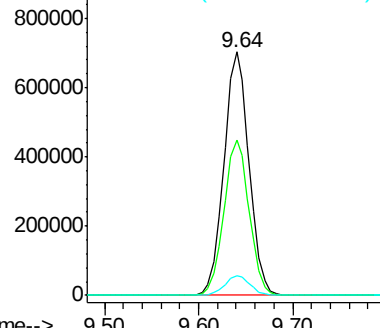
1/27/2020 12:06:22 PM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 158.828 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

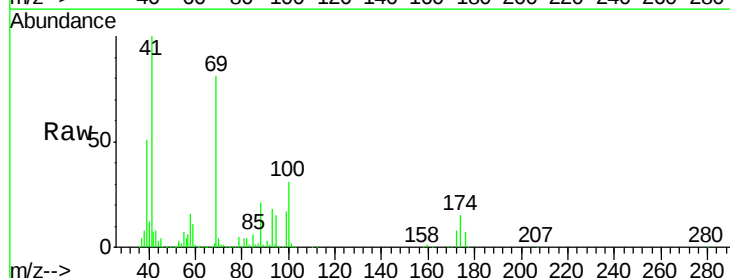
Tgt Ion: 41 Resp: 668977

Ion Ratio Lower Upper

41 100

69 81.0 69.6 104.4

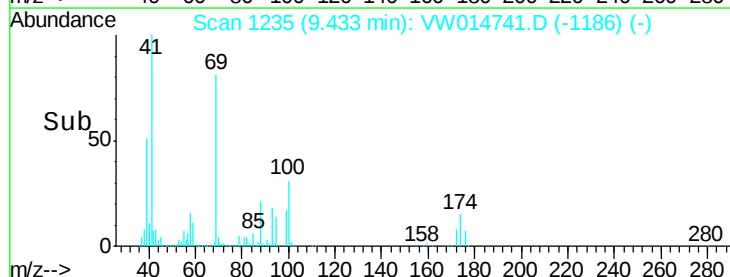
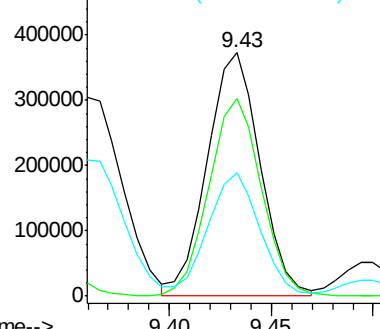
39 47.3 40.2 60.4

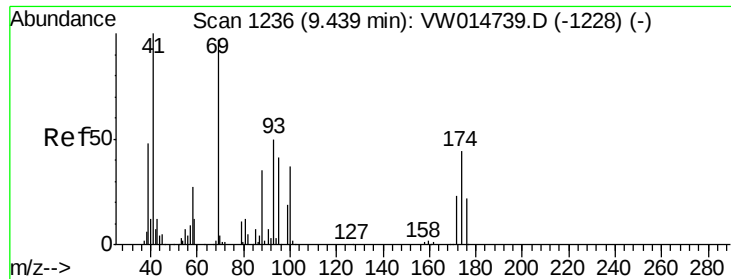


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





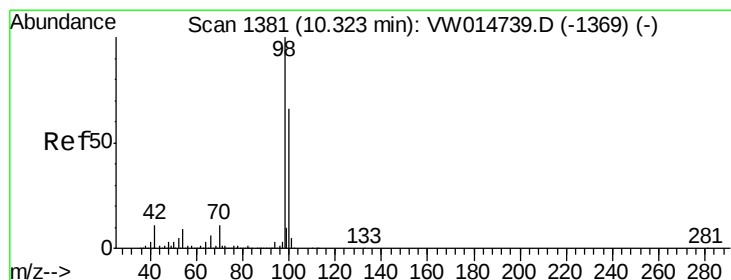
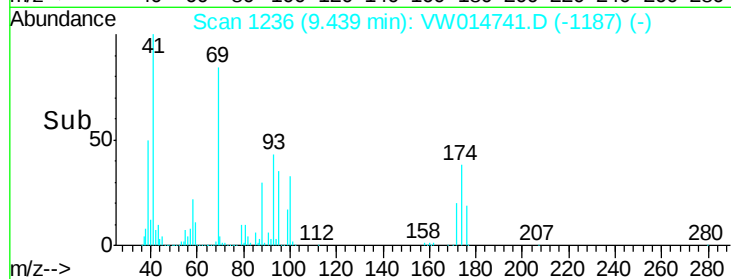
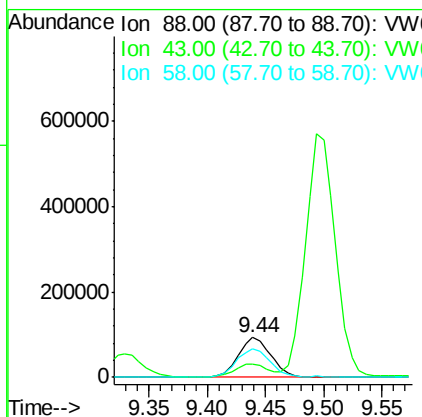
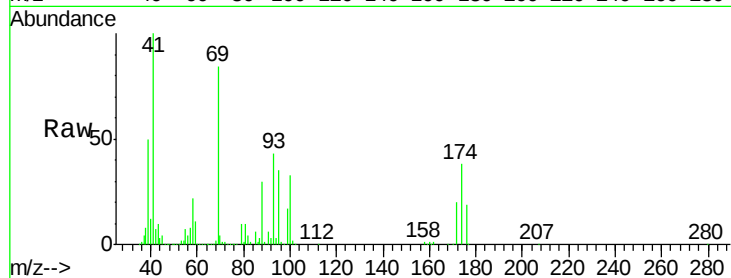
#49
1,4-Dioxane
Concen: 2718.532 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	181216		
43	33.0		27.1	40.7
58	75.1		58.7	88.1

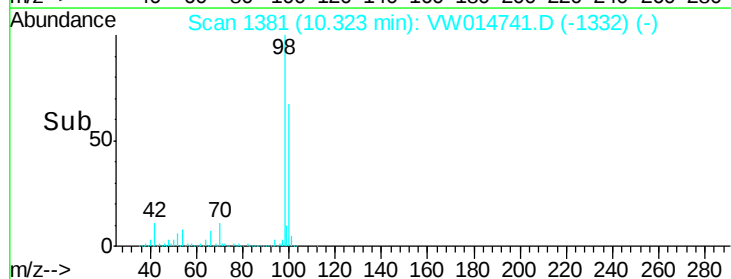
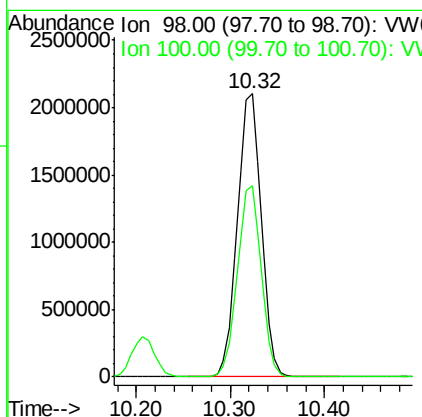
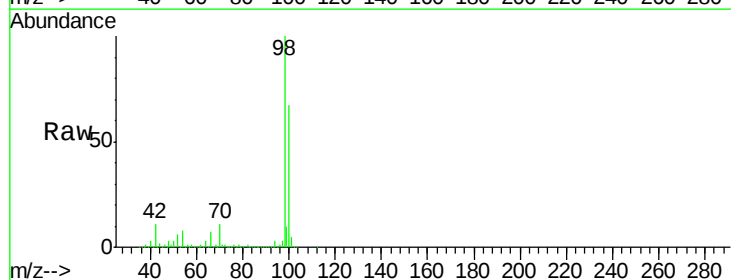
Manual Integrations
APPROVED

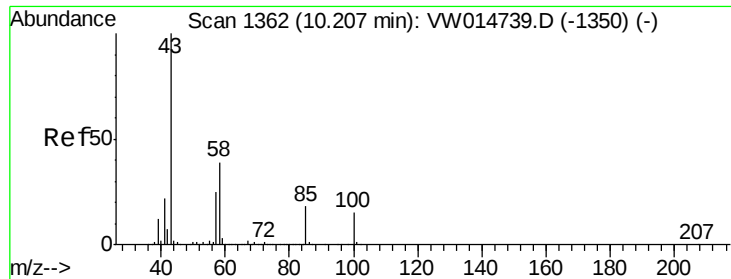
MMDadoda
1/27/2020 12:06:22 PM



#50
Toluene-d8
Concen: 140.257 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	3726601		
100	66.9		52.6	79.0





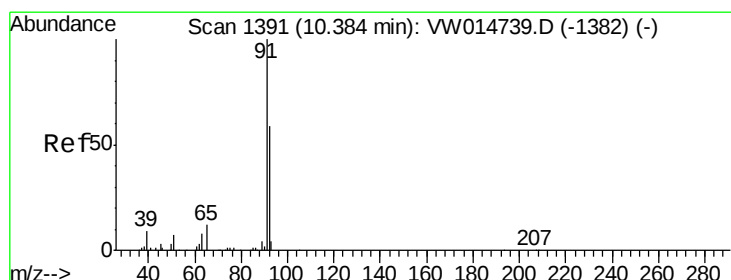
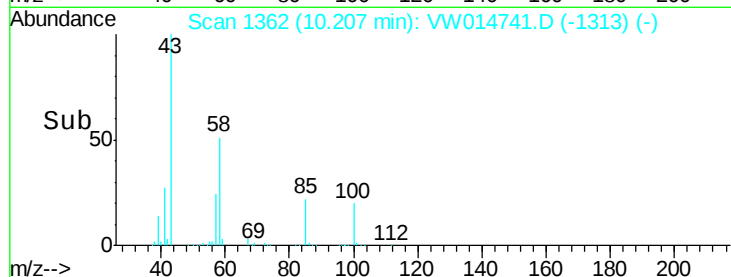
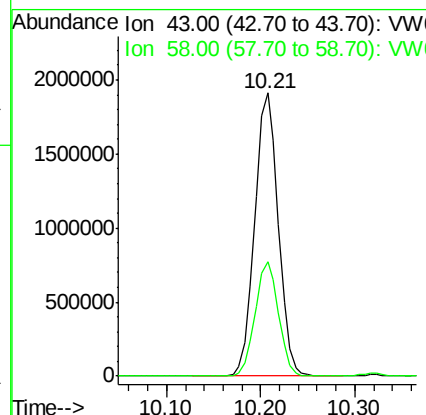
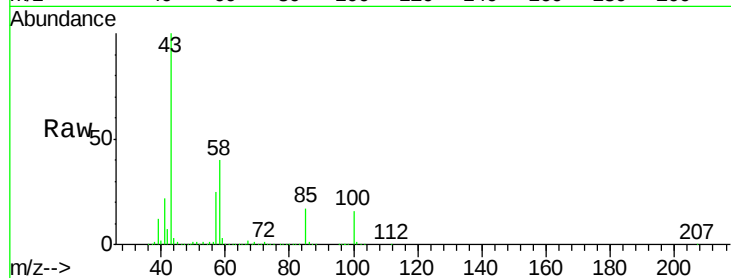
#51
4-Methyl-2-Pentanone
Concen: 746.770 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 43 Resp: 3364883
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.0

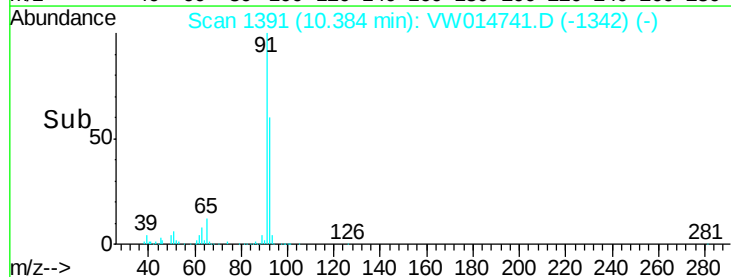
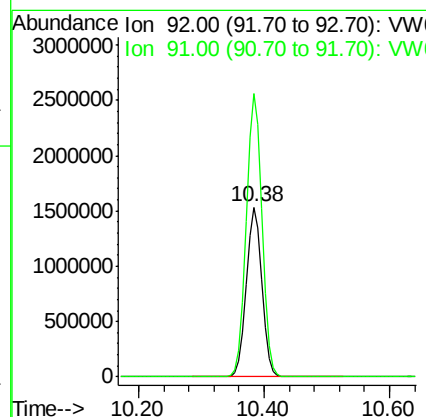
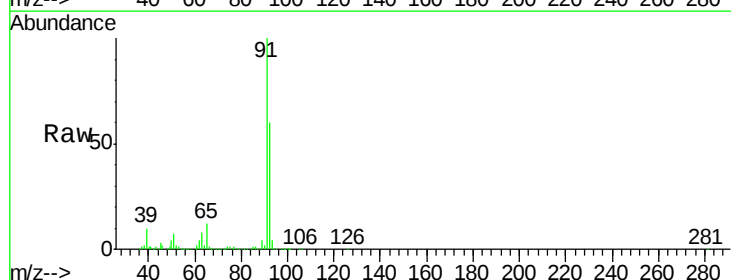
Manual Integrations
APPROVED

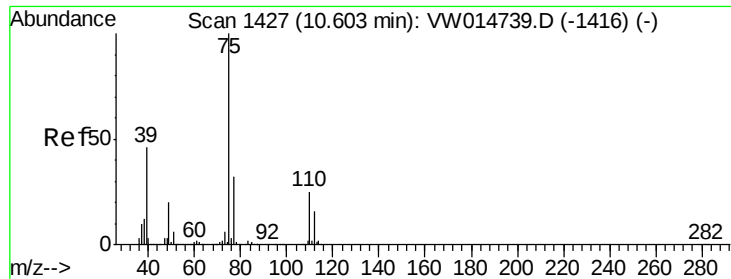
MMDadoda
1/27/2020 12:06:22 PM



#52
Toluene
Concen: 137.317 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 92 Resp: 2616089
Ion Ratio Lower Upper
92 100
91 169.2 135.8 203.8





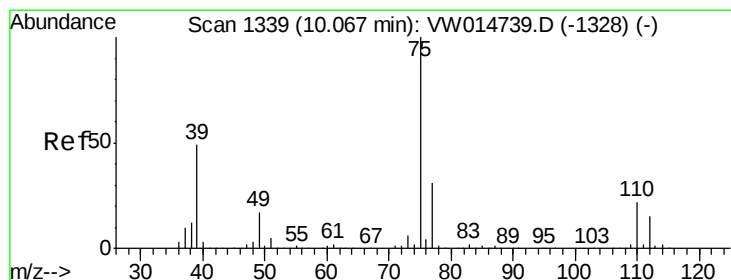
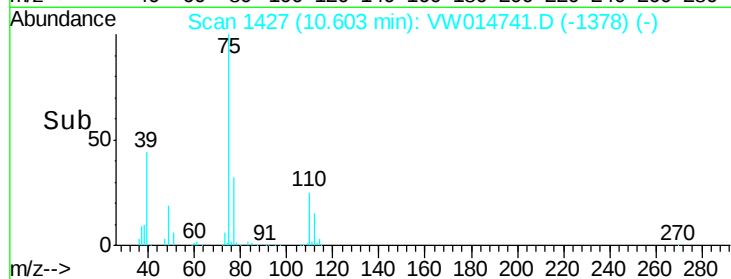
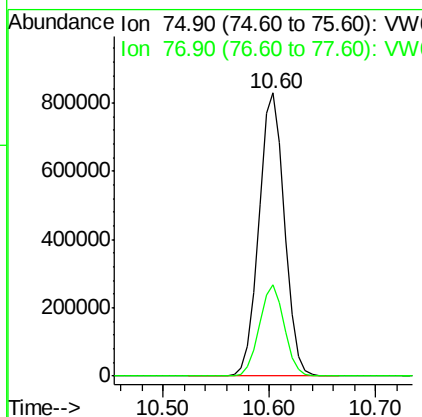
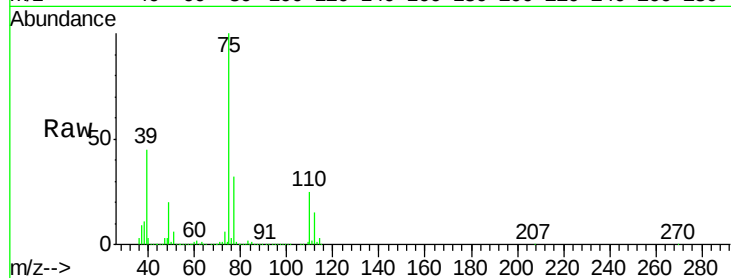
#53
t-1,3-Dichloropropene
Concen: 149.721 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1396929
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

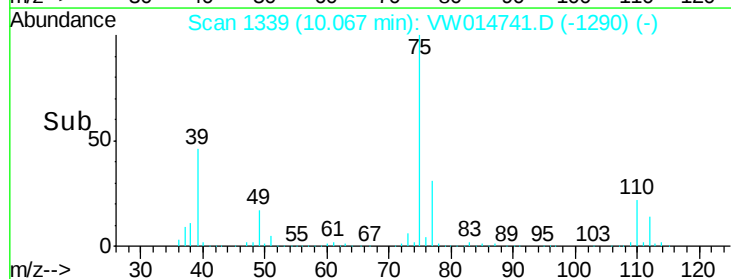
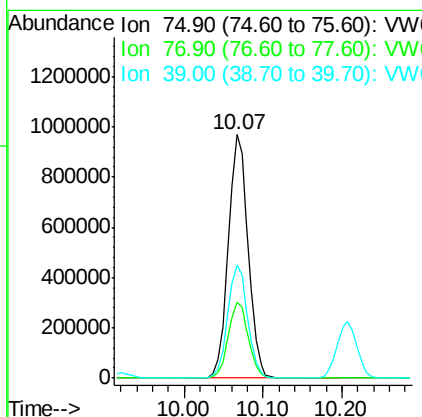
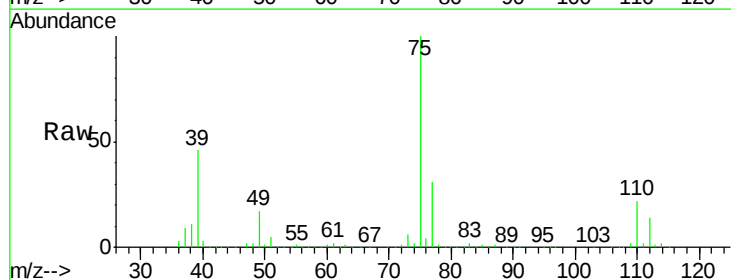
Manual Integrations
APPROVED

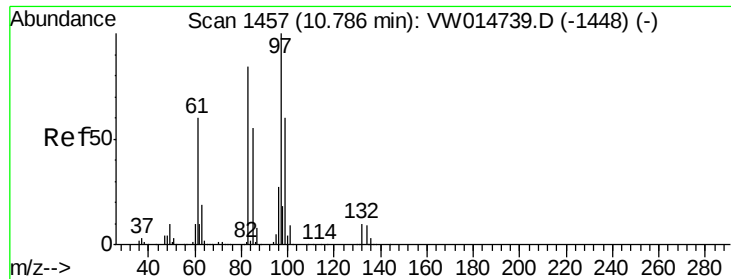
MMDadoda
1/27/2020 12:06:22 PM



#54
cis-1,3-Dichloropropene
Concen: 146.967 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 75 Resp: 1682927
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 46.3 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 138.230 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

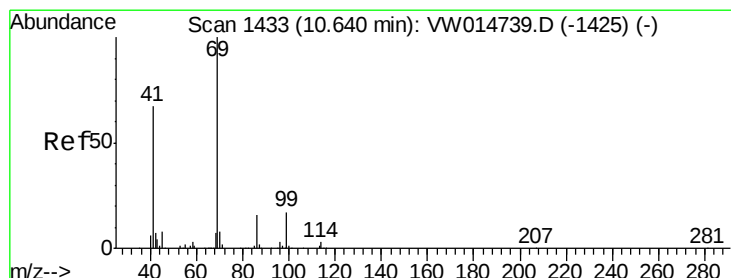
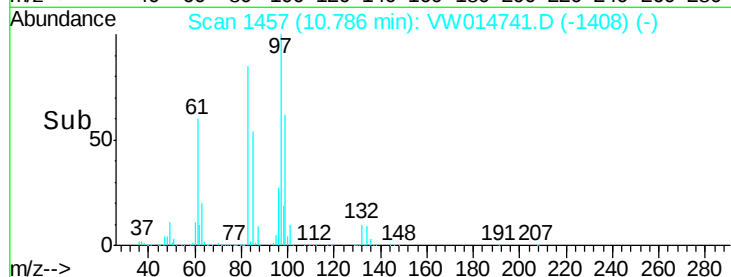
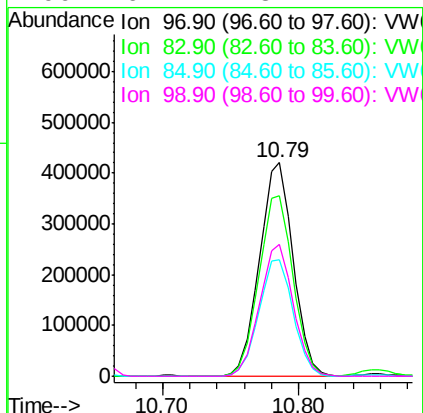
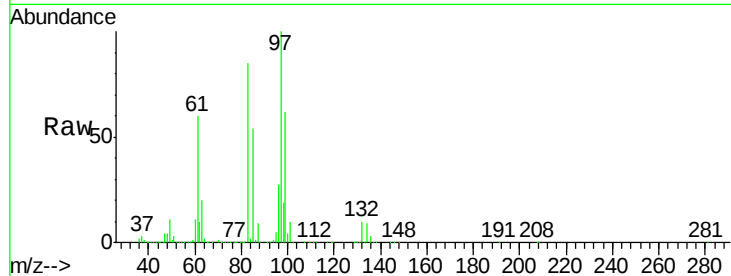
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	732385
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.1	100.7
85	54.5	44.2	66.2
99	61.7	48.2	72.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 154.747 ug/l

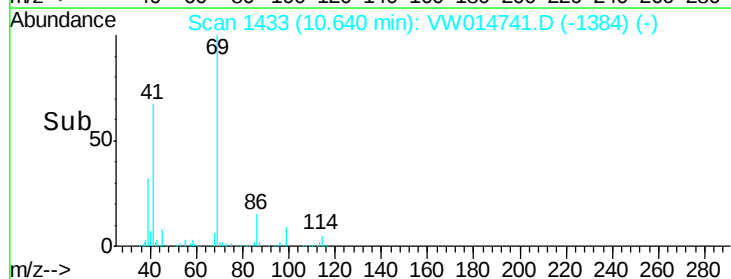
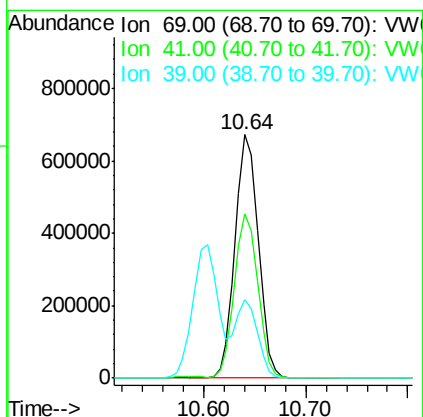
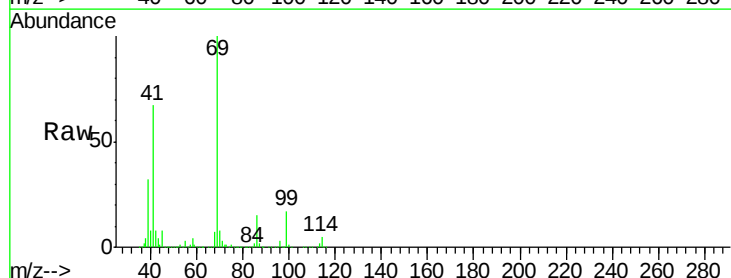
RT: 10.64 min Scan# 1433

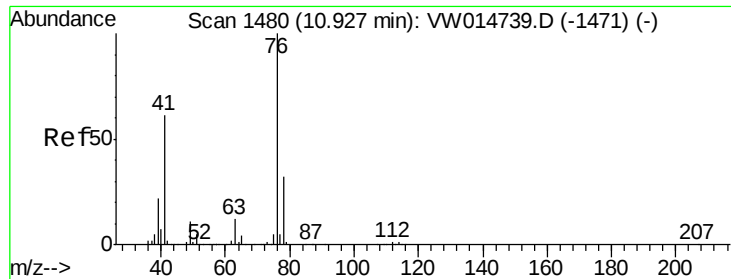
Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion:	69	Resp:	1060096
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.4	81.6
39	31.6	22.4	33.6





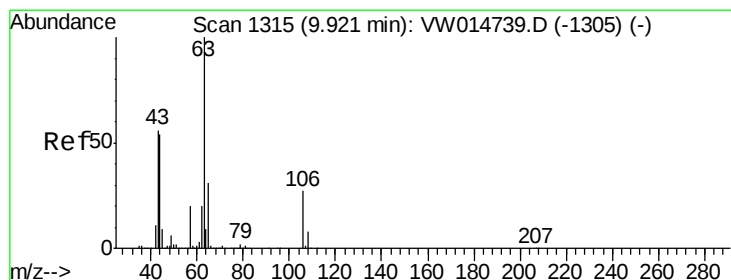
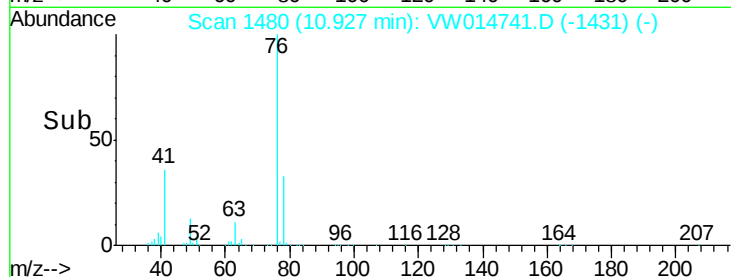
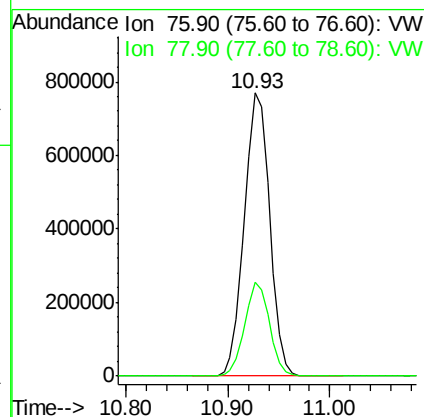
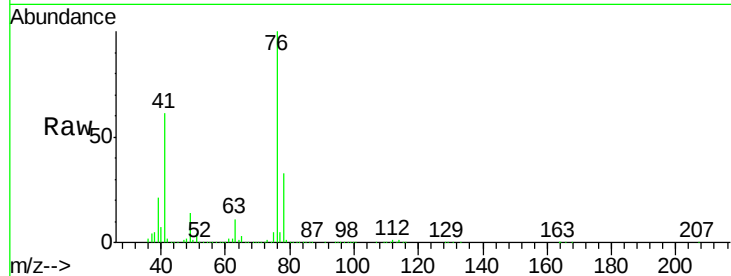
#57
 1,3-Dichloropropane
 Concen: 141.947 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 76 Resp: 1330718
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

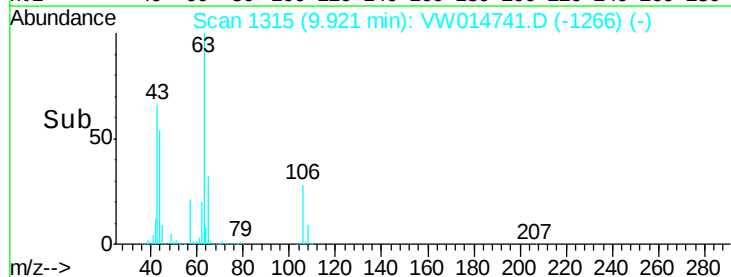
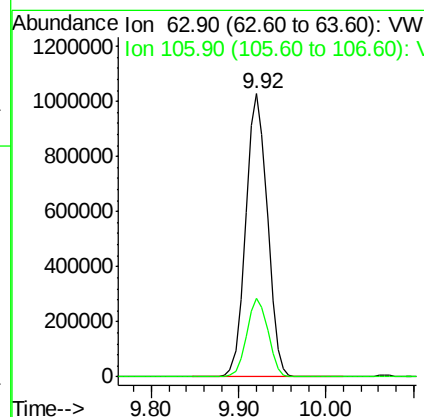
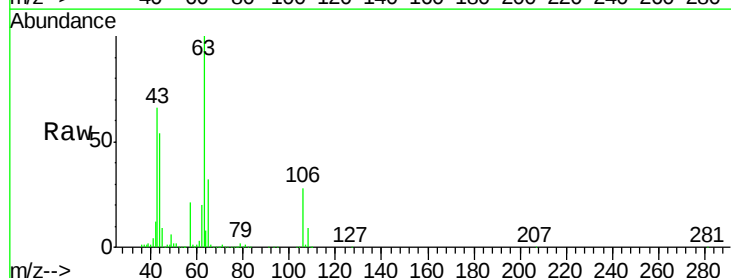
Manual Integrations
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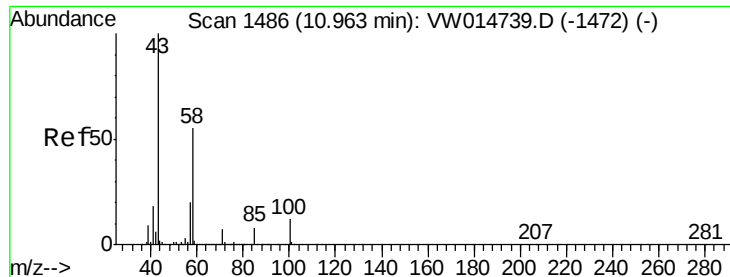
MMDadoda
 1/27/2020 12:06:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 836.857 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion: 63 Resp: 1758175
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.8





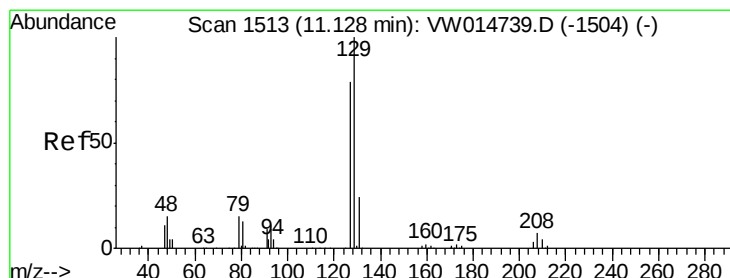
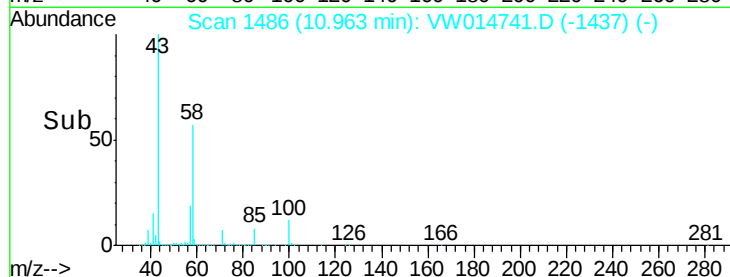
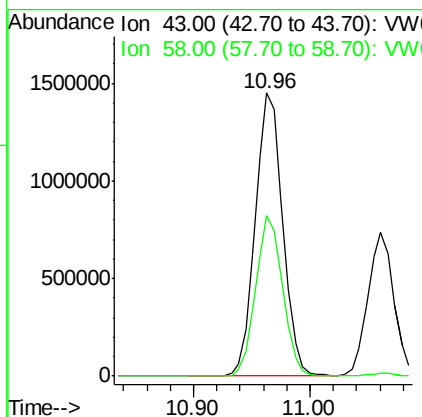
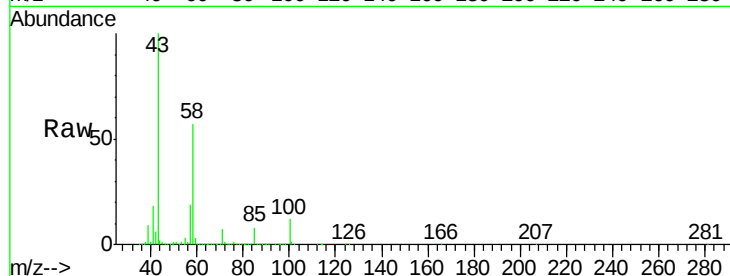
#59
2-Hexanone
Concen: 771.006 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2379223
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8

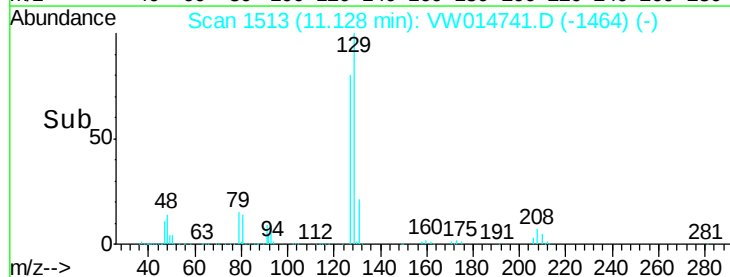
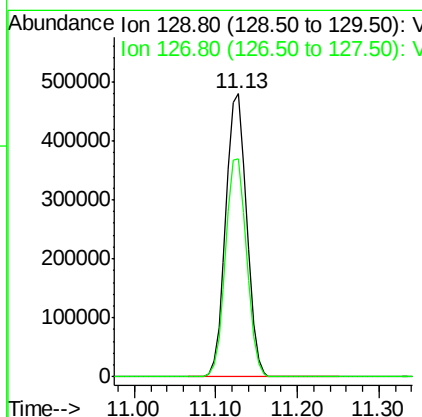
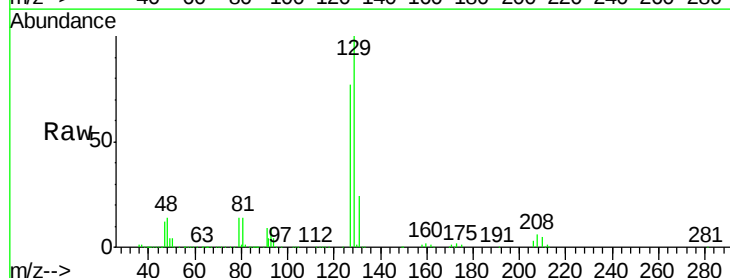
Manual Integrations
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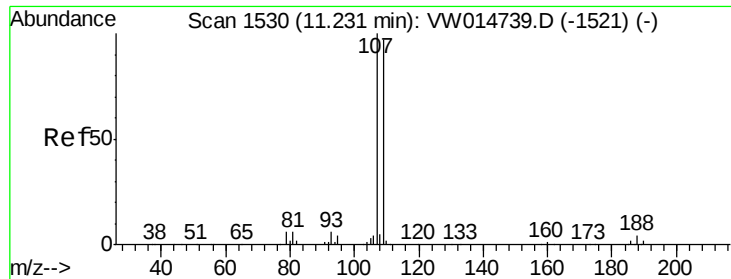
MMDadoda
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#60
Dibromochloromethane
Concen: 141.703 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 129 Resp: 847018
Ion Ratio Lower Upper
129 100
127 77.6 39.9 119.6





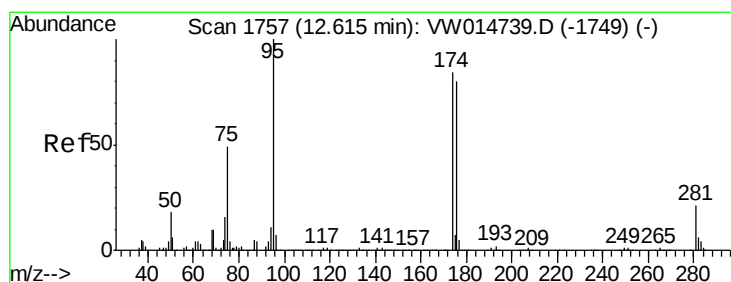
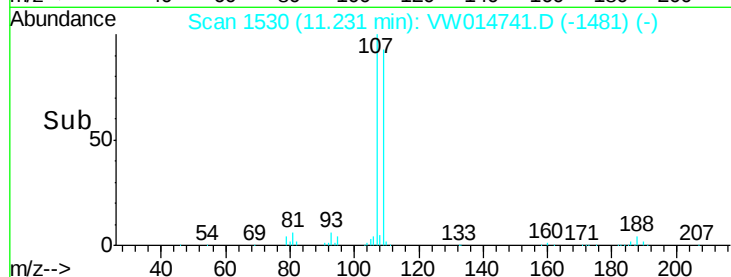
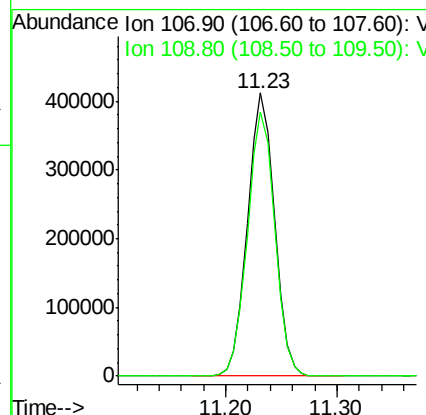
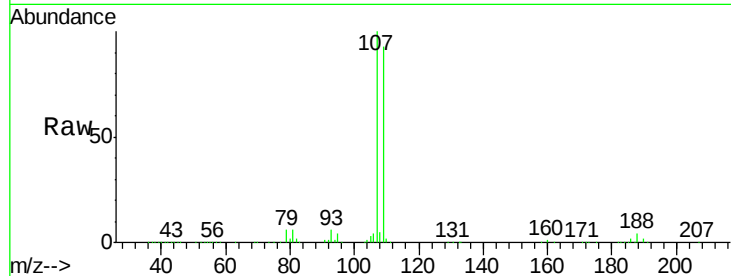
#61
 1,2-Dibromoethane
 Concen: 139.272 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	76.7	115.1

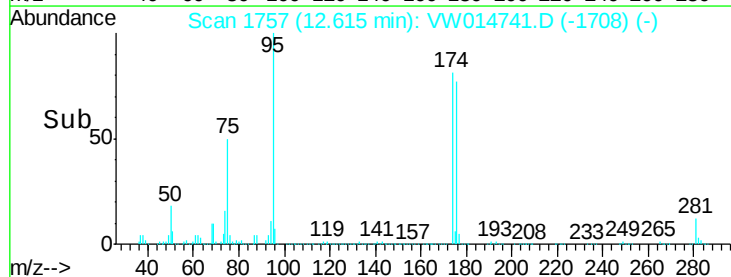
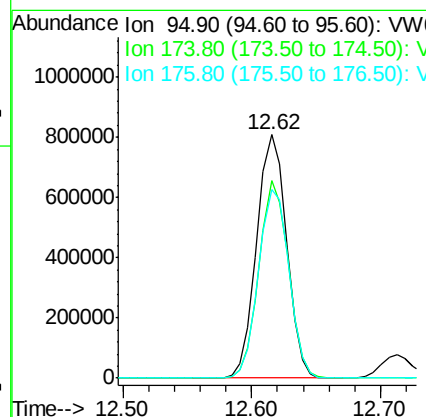
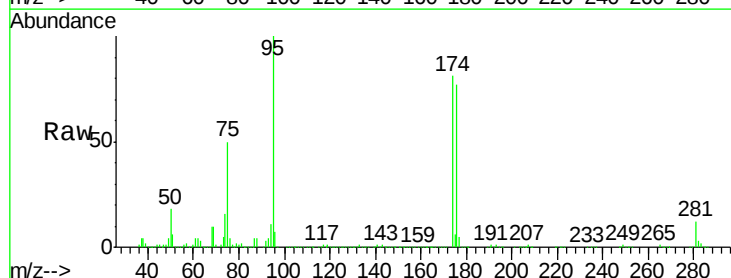
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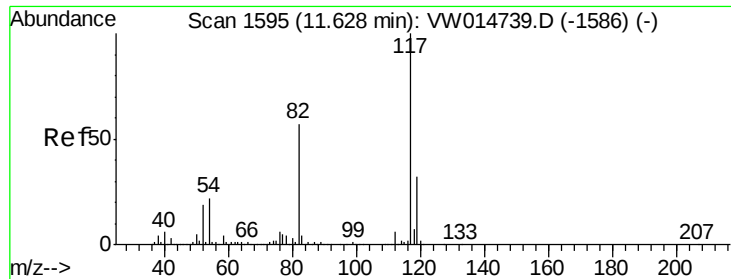
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#62
 4-Bromofluorobenzene
 Concen: 144.173 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	163.0
176	78.9	0.0	159.2





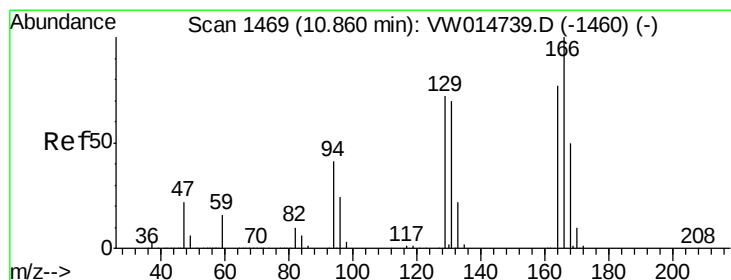
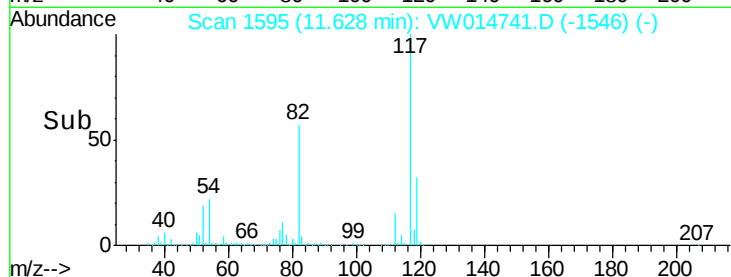
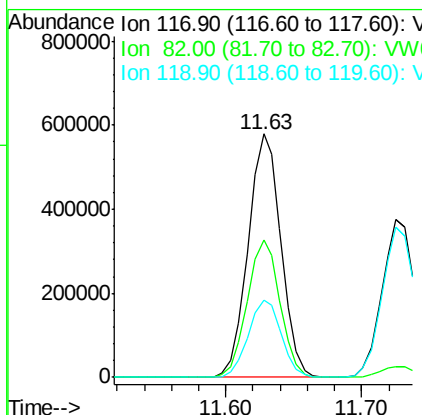
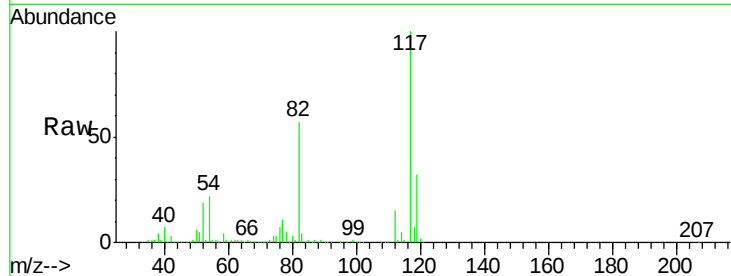
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	976036		
82	56.6		45.9	68.9
119	31.7		25.7	38.5

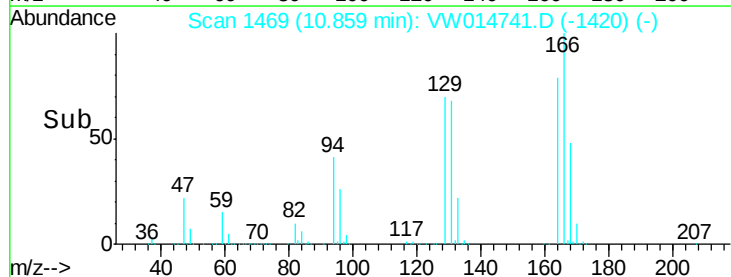
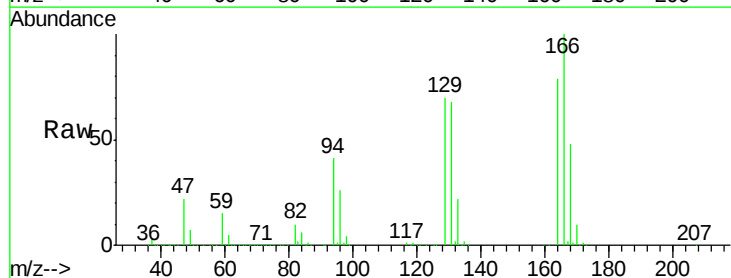
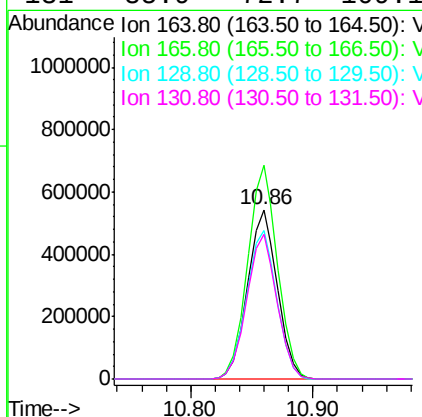
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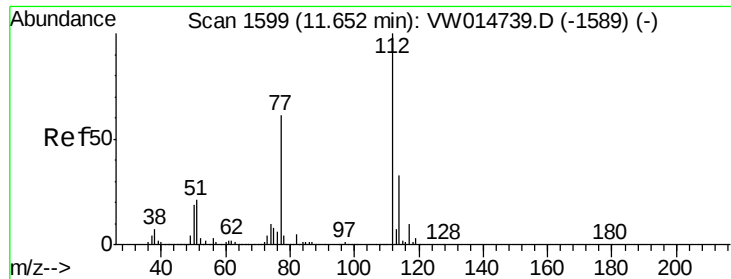
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#64
Tetrachloroethene
Concen: 130.154 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	917388		
166	126.3		104.0	156.0
129	88.0		75.0	112.4
131	85.9		72.7	109.1





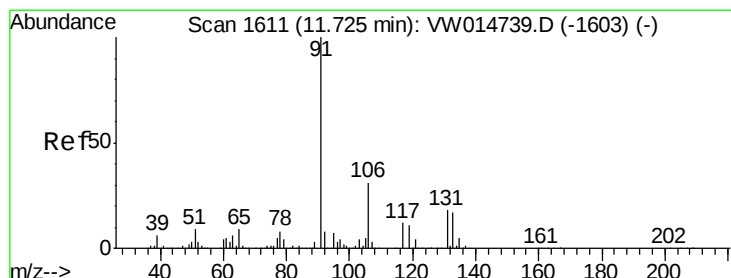
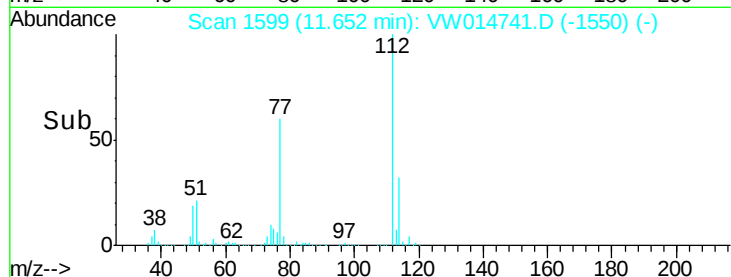
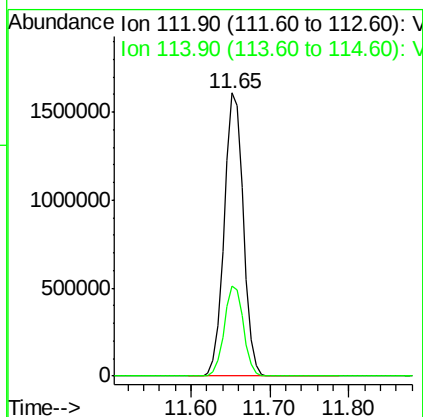
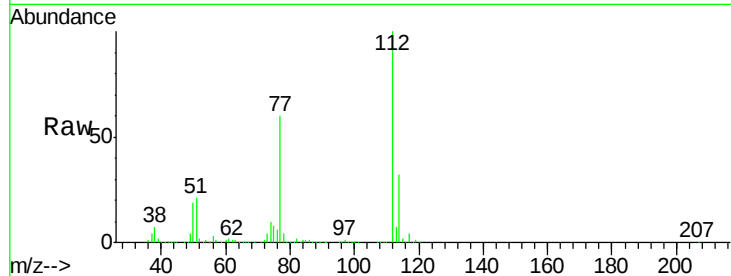
#65
Chlorobenzene
Concen: 134.840 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2706294
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

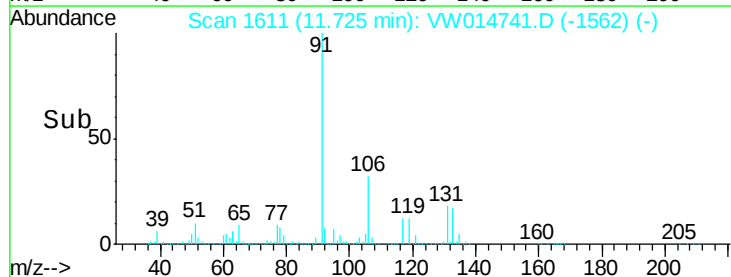
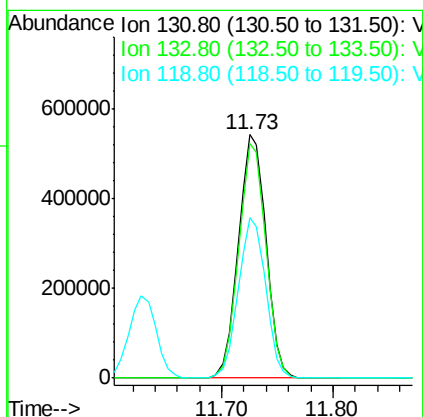
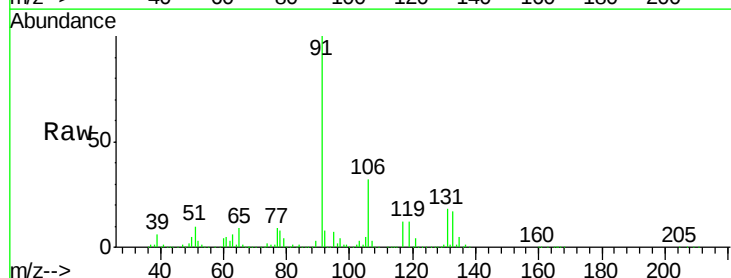
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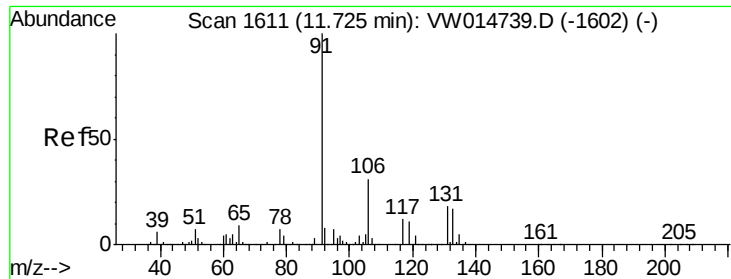
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#66
1,1,1,2-Tetrachloroethane
Concen: 137.666 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:131 Resp: 929991
Ion Ratio Lower Upper
131 100
133 95.1 48.0 144.2
119 65.3 33.0 98.9





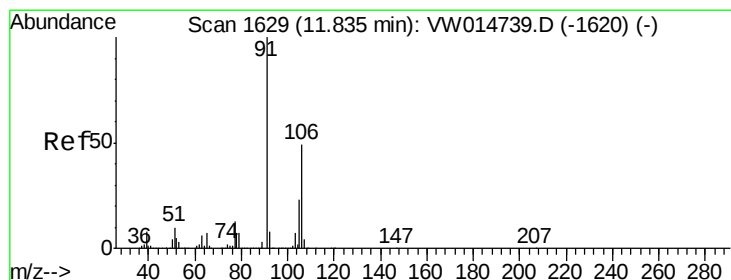
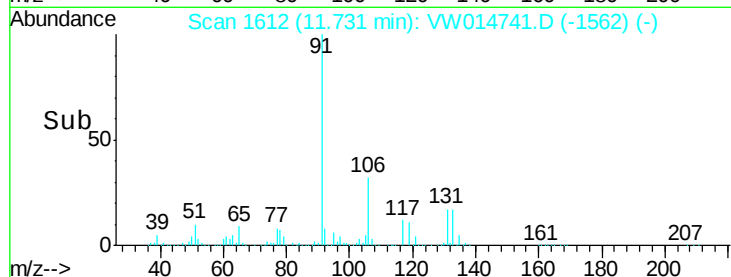
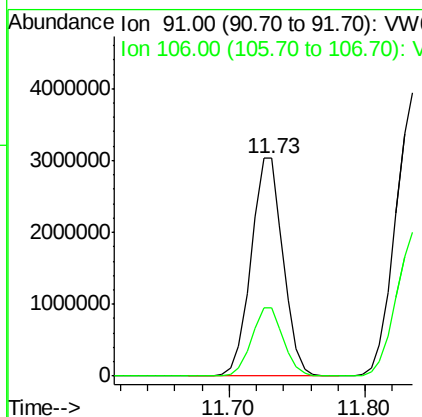
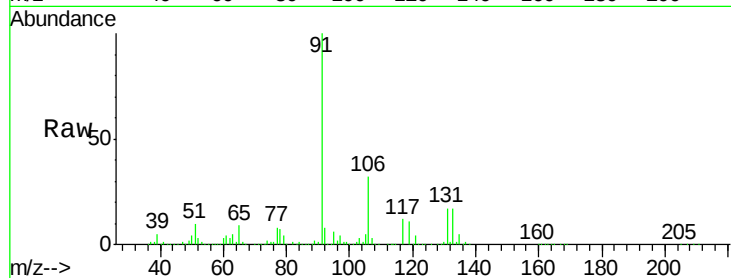
#67
Ethyl Benzene
Concen: 137.158 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 4979945
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

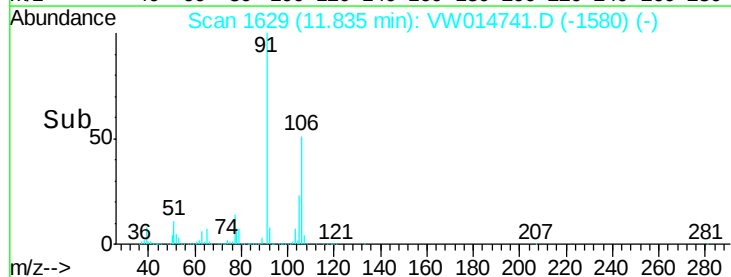
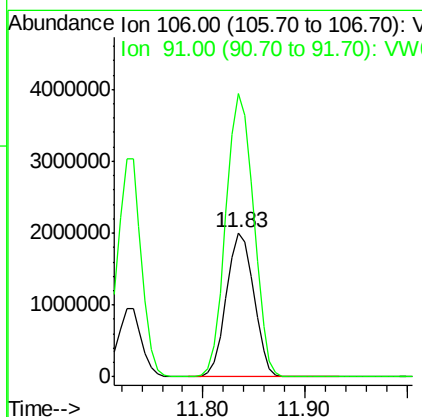
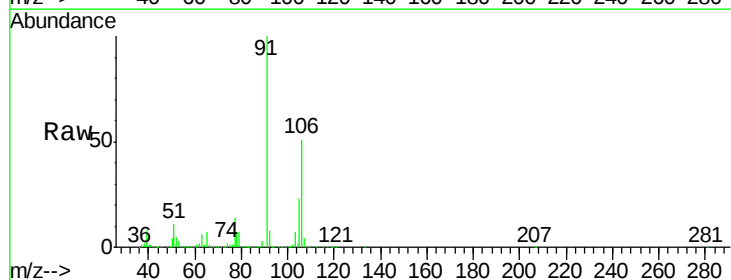
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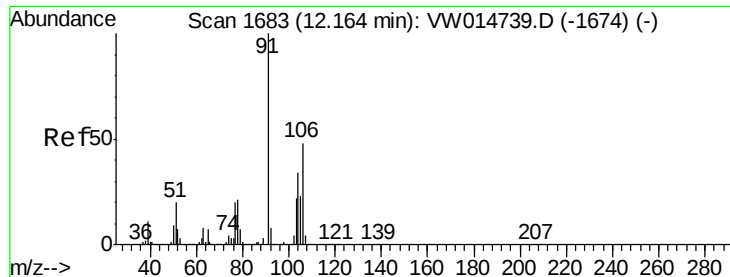
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#68
m/p-Xylenes
Concen: 269.343 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 106 Resp: 3733903
Ion Ratio Lower Upper
106 100
91 198.9 161.4 242.0





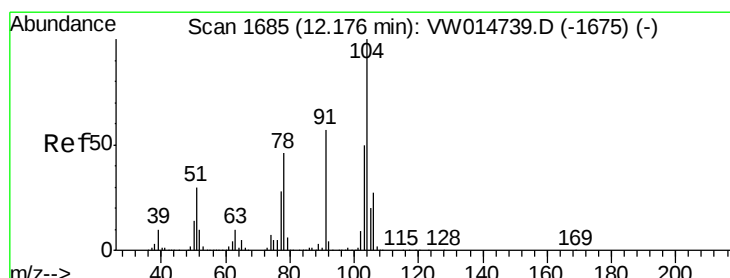
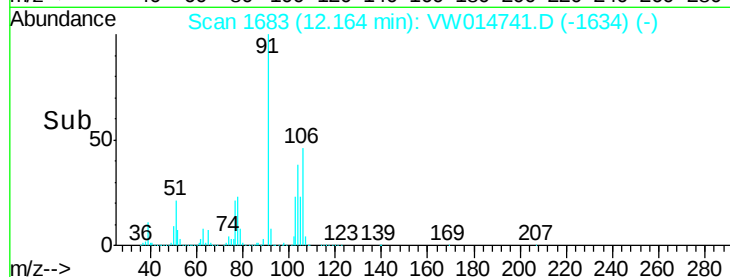
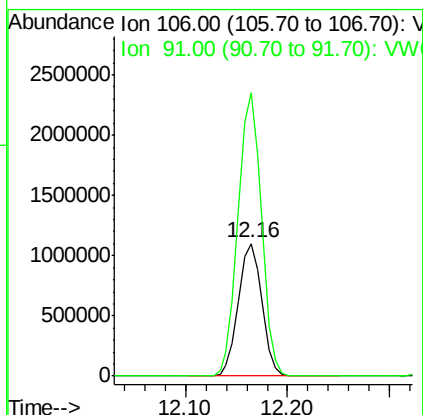
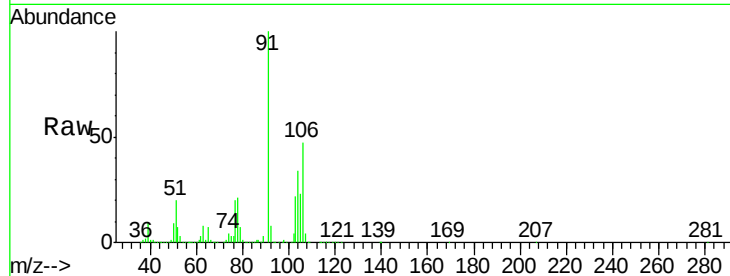
#69
o-Xylene
Concen: 136.950 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1752400
Ion Ratio Lower Upper
106 100
91 212.5 107.1 321.3

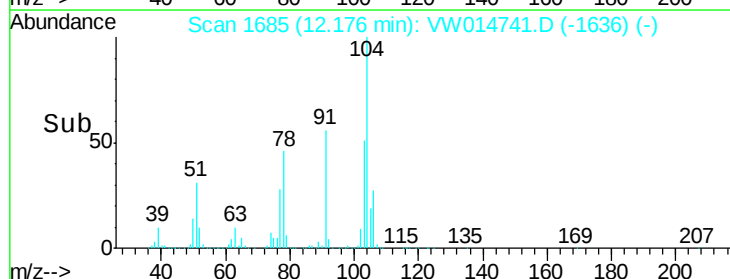
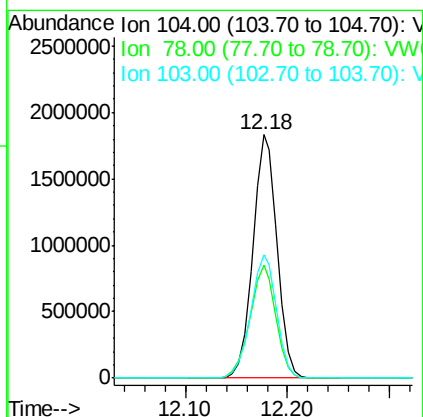
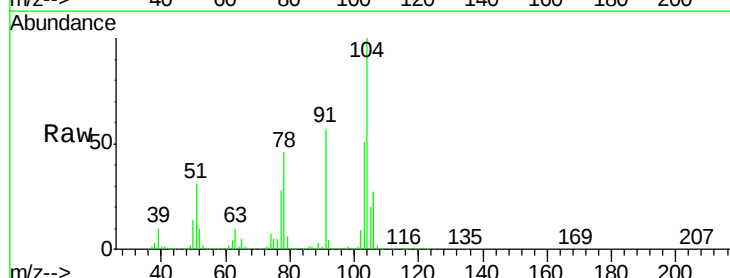
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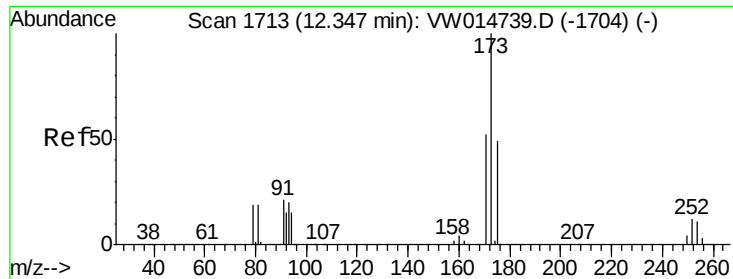
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#70
Styrene
Concen: 139.874 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:104 Resp: 3023401
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.8
103 54.4 44.0 66.0





#71

Bromoform

Concen: 139.003 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 503365

Ion Ratio Lower Upper

173 100

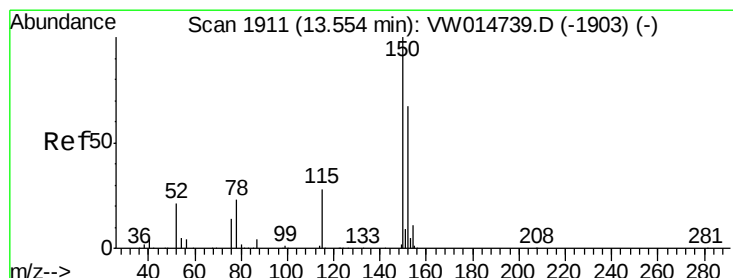
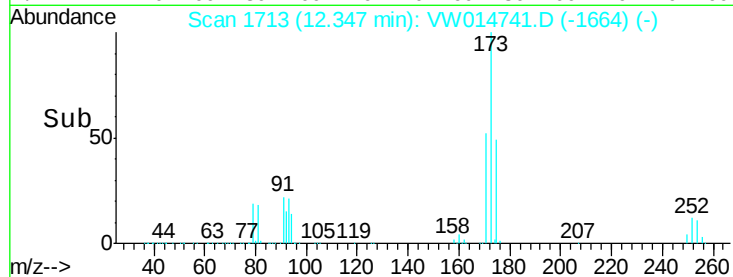
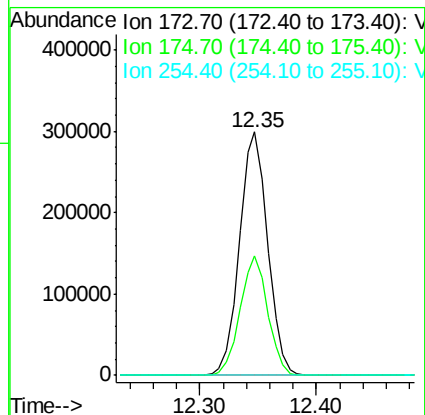
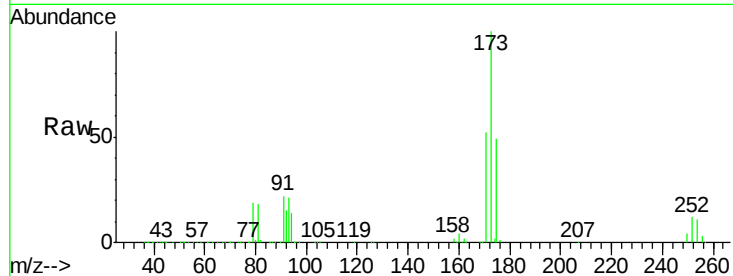
175 48.4 24.4 73.2

254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

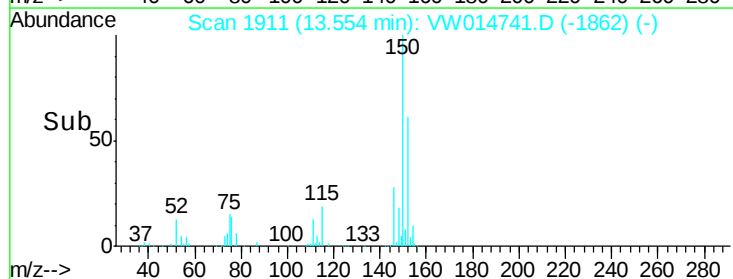
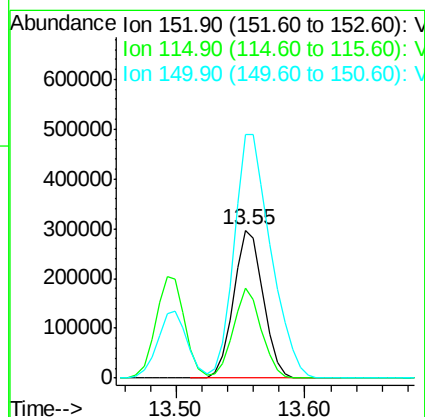
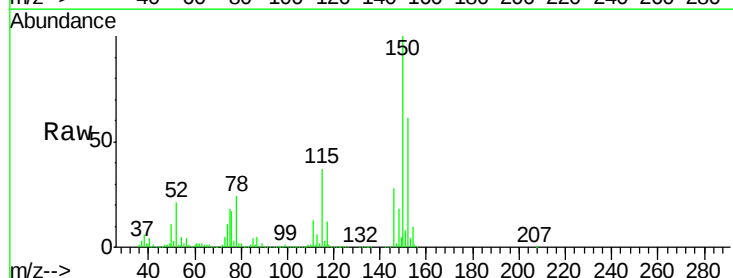
Tgt Ion:152 Resp: 474543

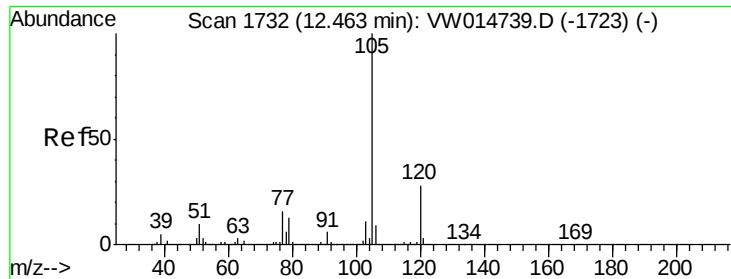
Ion Ratio Lower Upper

152 100

115 58.0 29.0 87.1

150 203.0 0.0 354.0





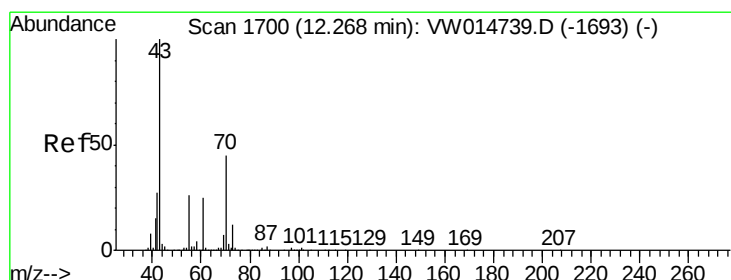
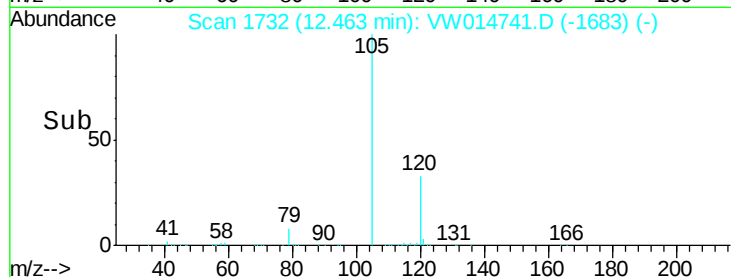
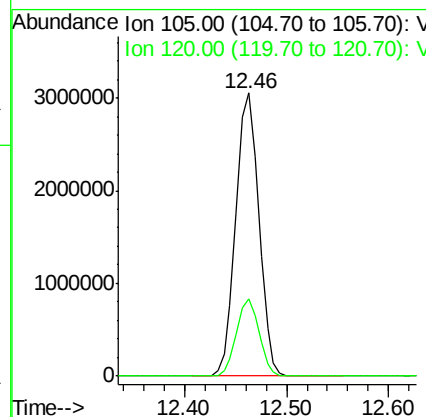
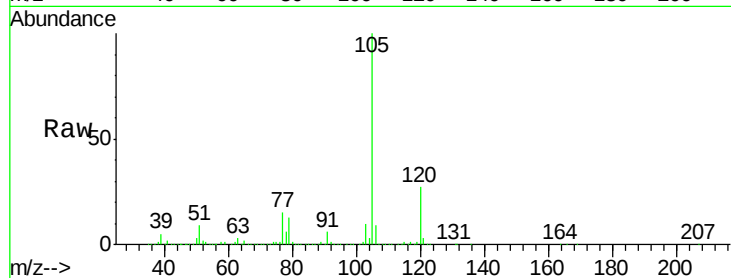
#73
Isopropylbenzene
Concen: 136.326 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 4770725
Ion Ratio Lower Upper
105 100
120 26.7 13.6 40.8

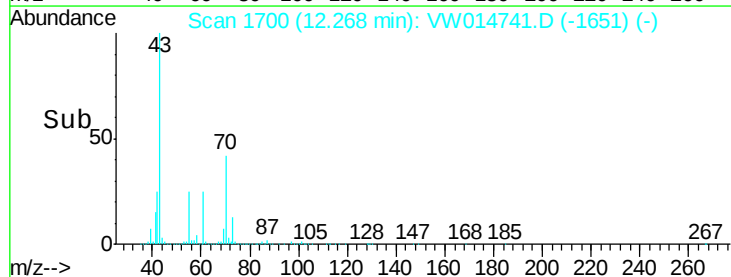
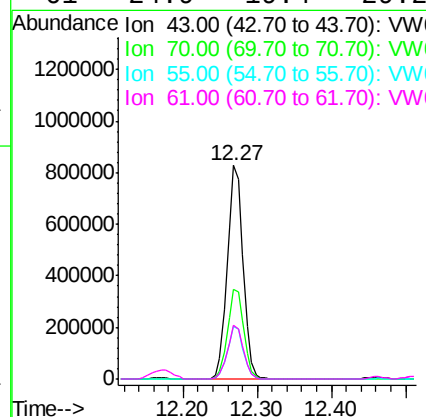
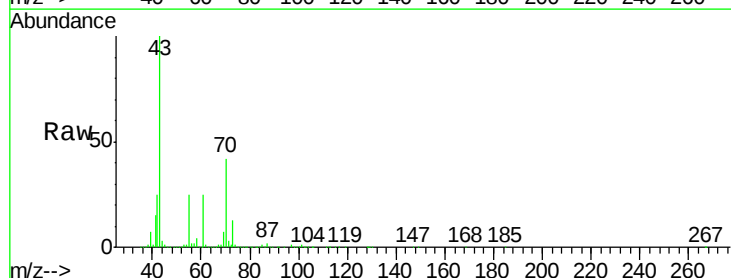
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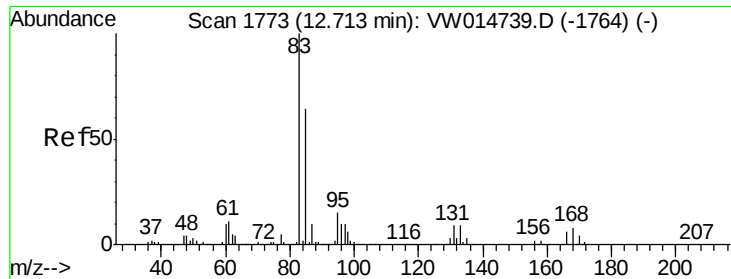
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#74
N-ethyl acetate
Concen: 156.344 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion: 43 Resp: 1224130
Ion Ratio Lower Upper
43 100
70 43.1 34.6 52.0
55 24.7 20.6 30.8
61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 136.945 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

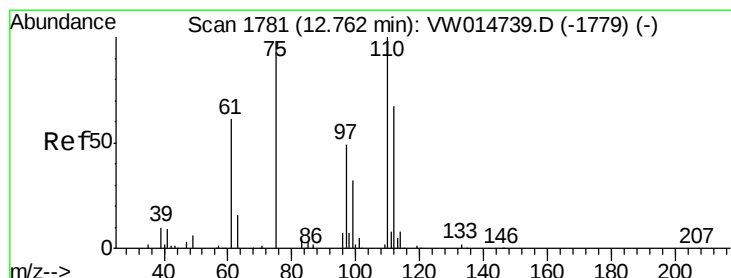
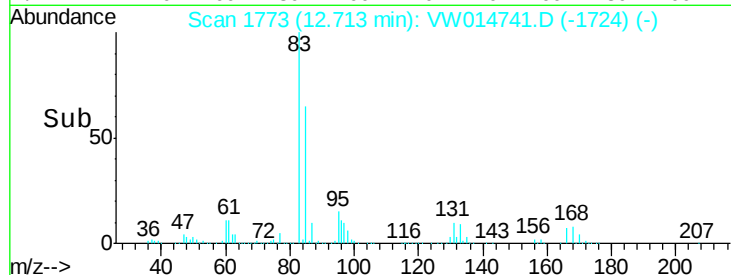
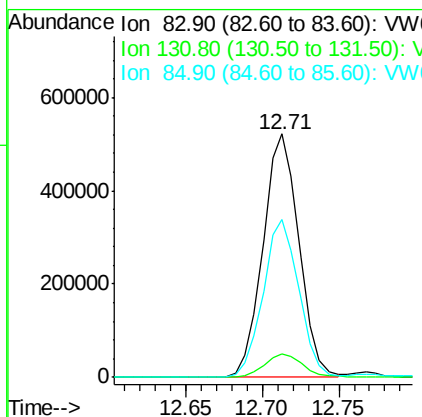
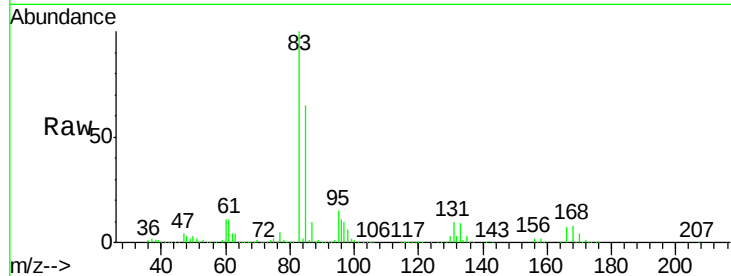
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	853850
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 147.079 ug/l m

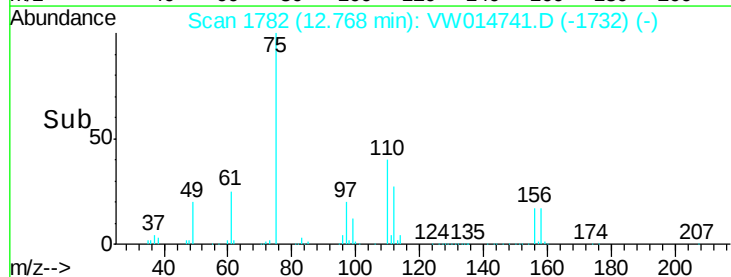
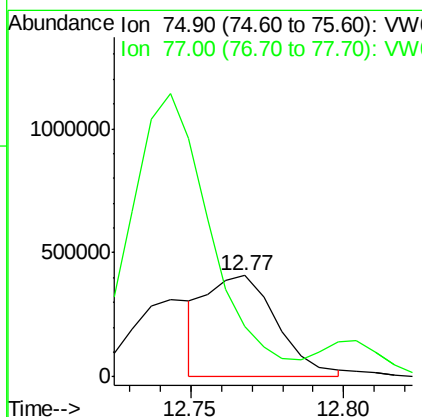
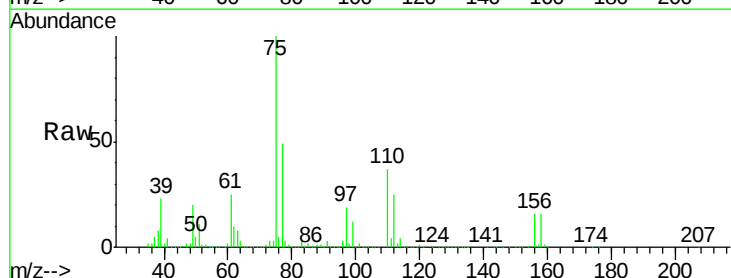
RT: 12.77 min Scan# 1782

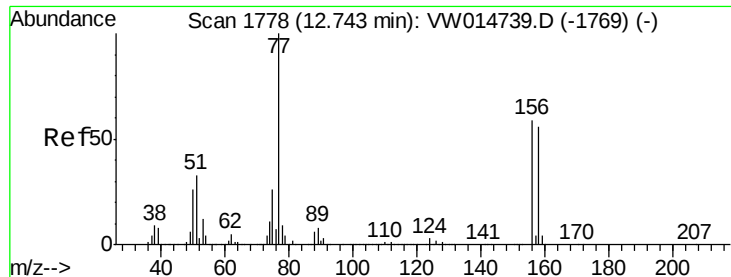
Delta R.T. 0.01 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Tgt Ion:	75	Resp:	652674
Ion Ratio	Lower	Upper	
75	100		
77	0.0	167.9	503.9#





#77

Bromobenzene

Concen: 134.173 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1090858

Ion Ratio Lower Upper

156 100

77 191.8 94.5 283.5

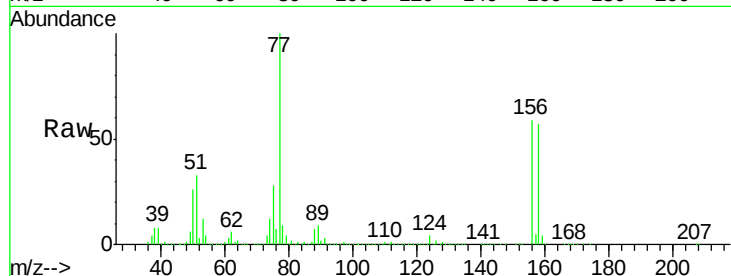
158 97.0 48.3 144.8

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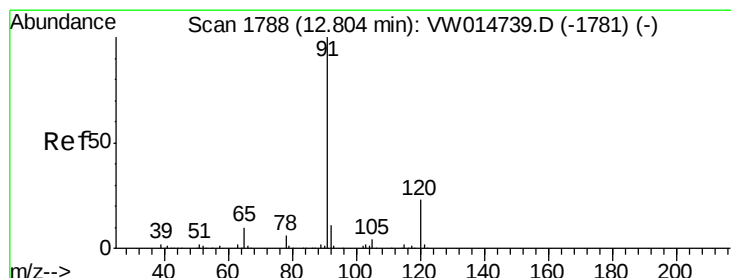
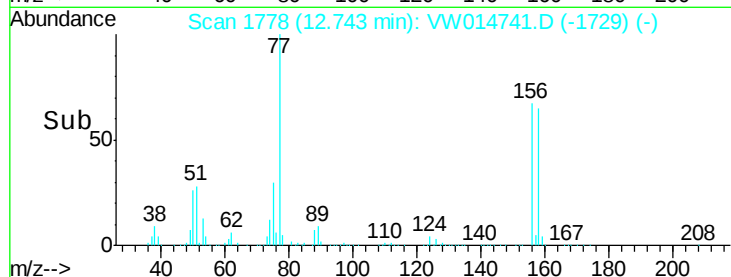
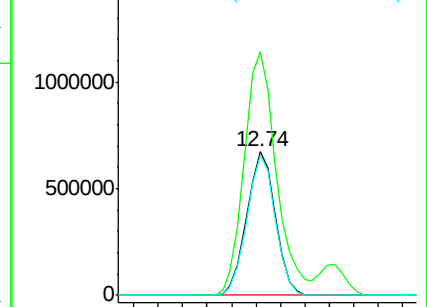
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 137.710 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014741.D

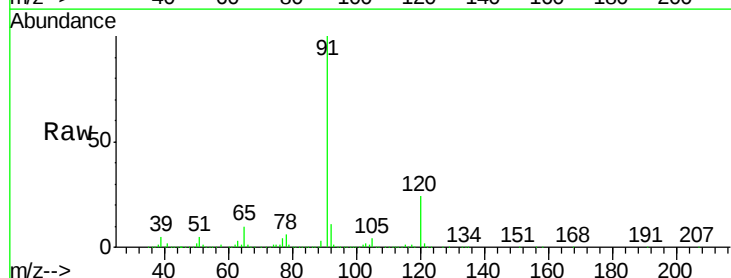
Acq: 24 Jan 2020 12:44

Tgt Ion: 91 Resp: 5708974

Ion Ratio Lower Upper

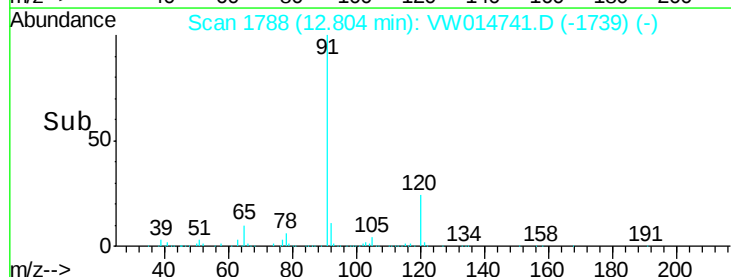
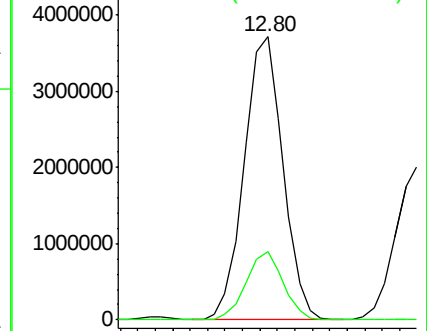
91 100

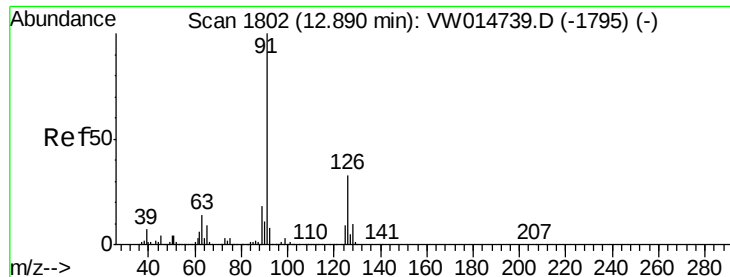
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 136.848 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3226220

Ion Ratio Lower Upper

91 100

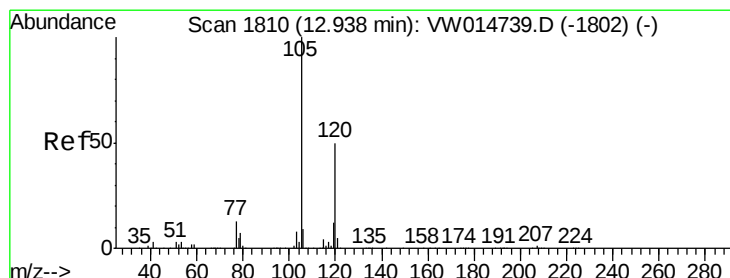
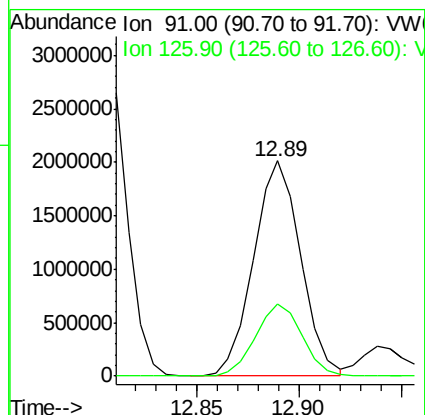
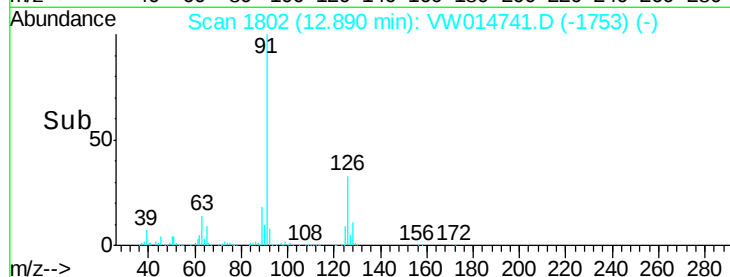
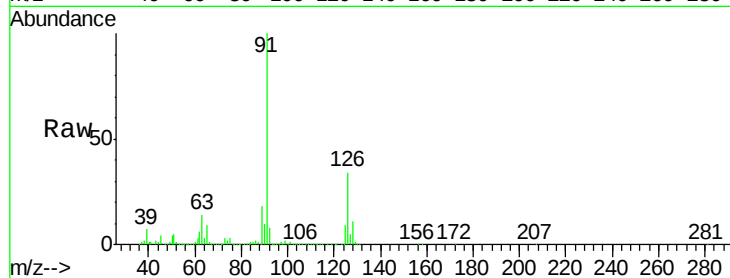
126 33.5 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 137.158 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014741.D

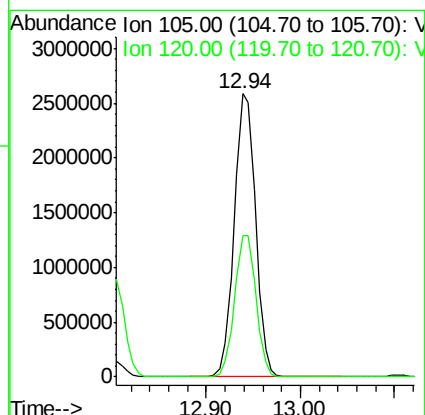
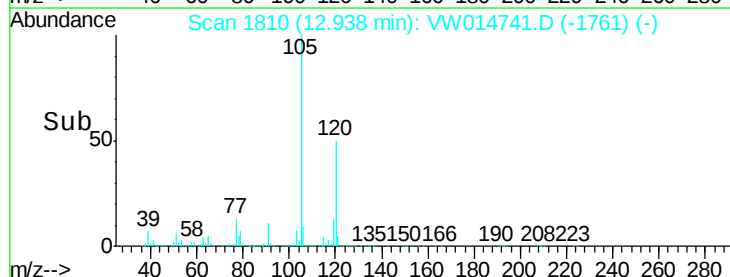
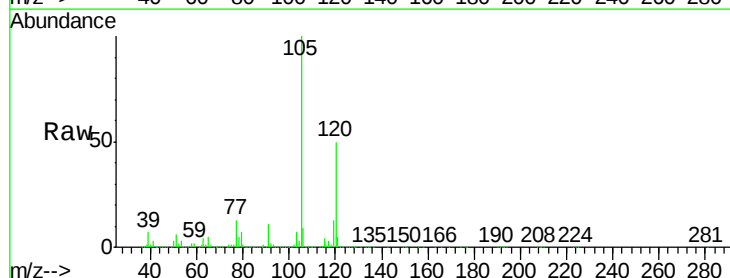
Acq: 24 Jan 2020 12:44

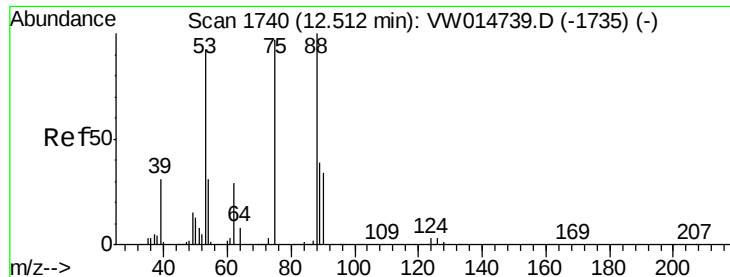
Tgt Ion:105 Resp: 4049179

Ion Ratio Lower Upper

105 100

120 50.3 25.0 75.0





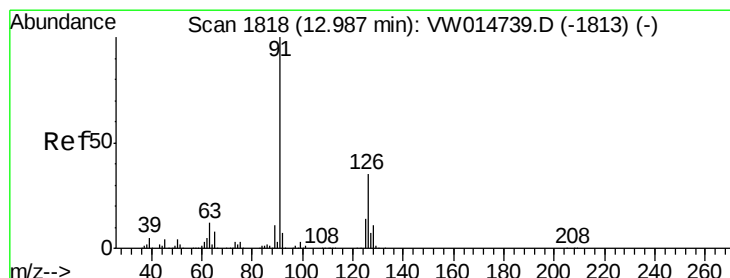
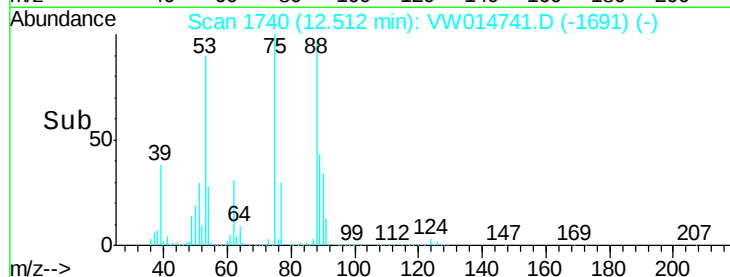
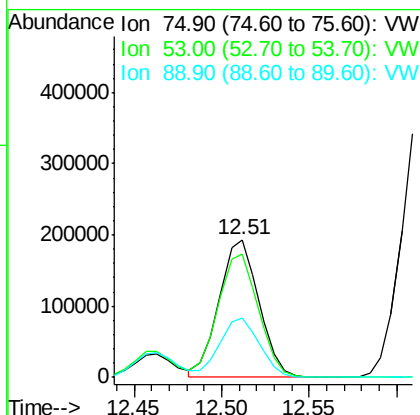
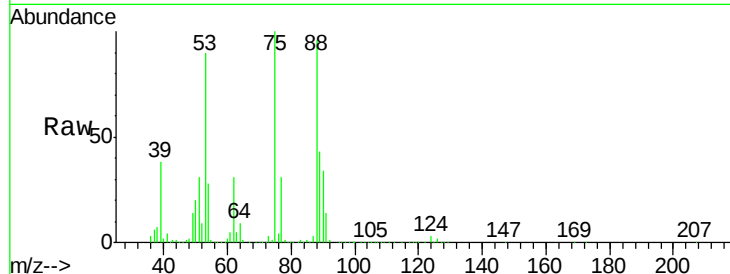
#81
trans-1,4-Dichloro-2-butene
Concen: 152.420 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.9	77.0	115.4
89	44.1	35.2	52.8

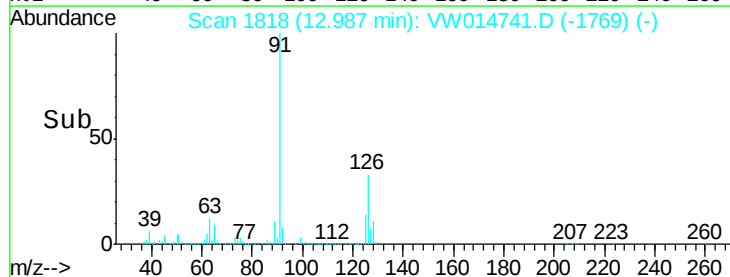
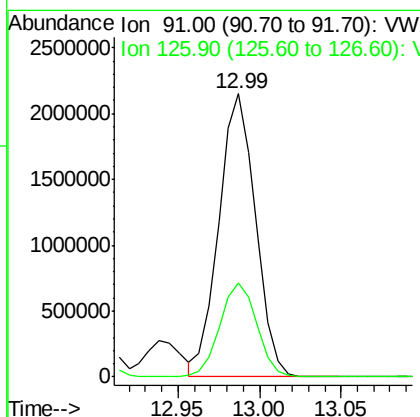
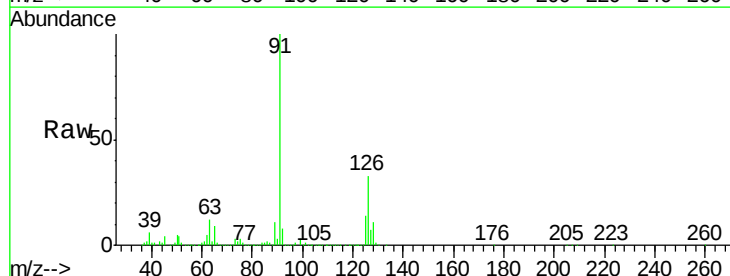
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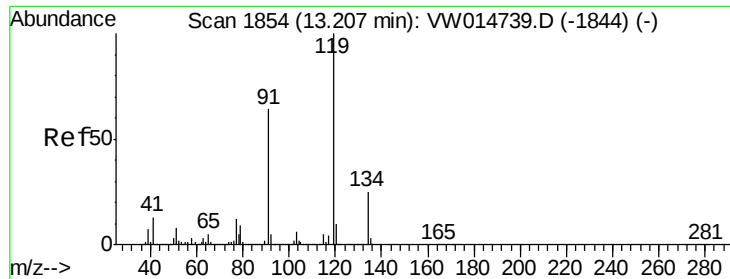
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#82
4-Chlorotoluene
Concen: 137.152 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.7	50.1





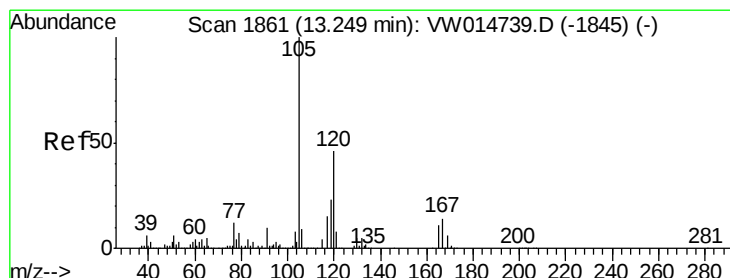
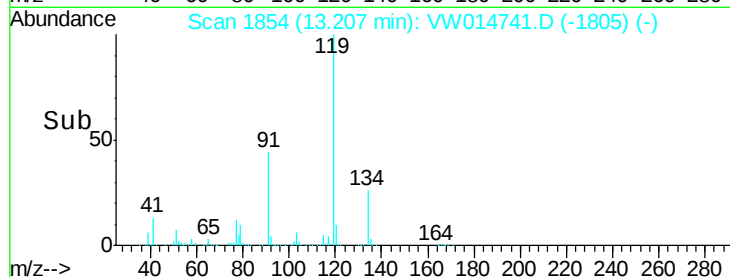
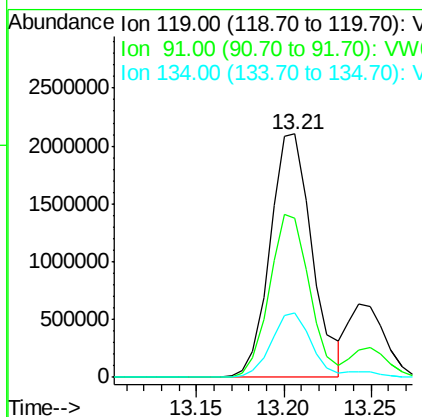
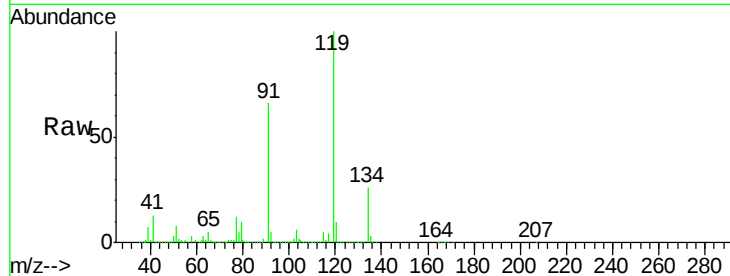
#83
tert-Butylbenzene
Concen: 137.423 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 3540834
Ion Ratio Lower Upper
119 100
91 64.1 32.1 96.3
134 26.8 13.4 40.2

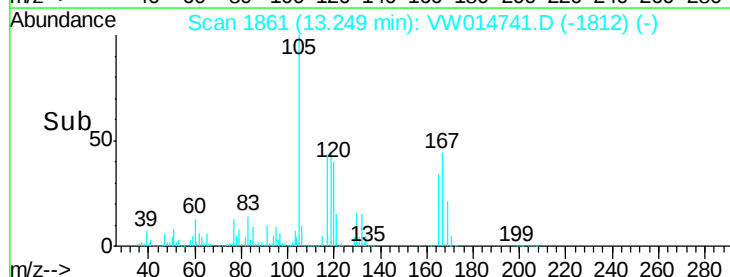
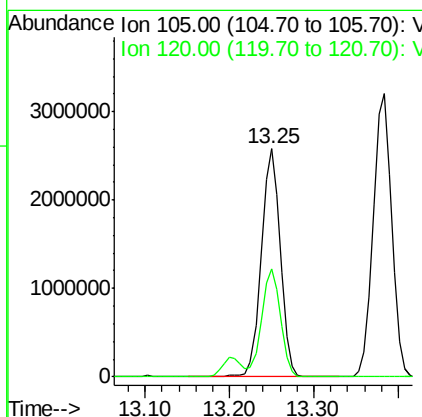
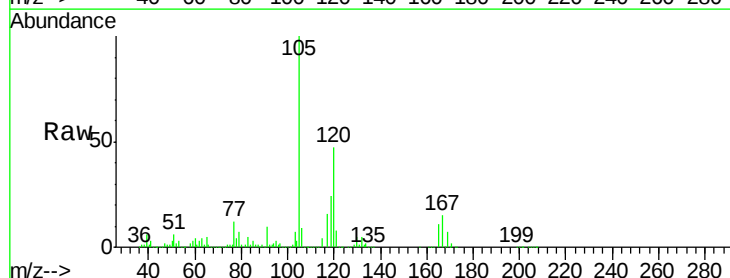
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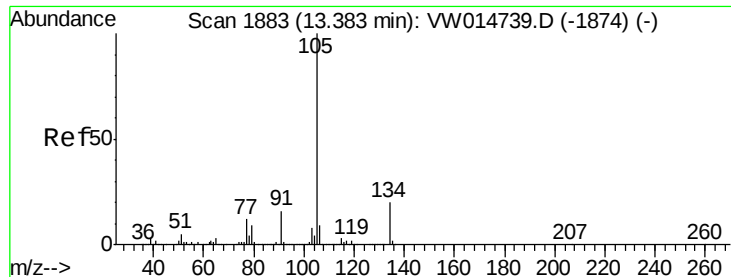
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 136.453 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion:105 Resp: 4012818
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





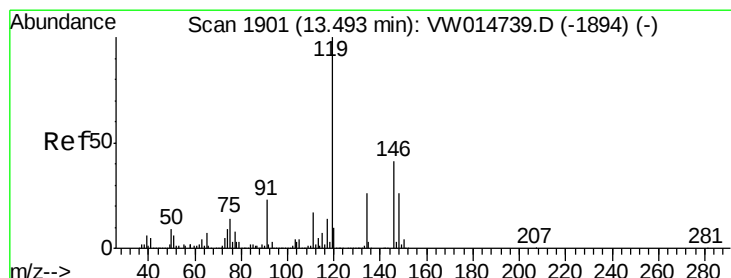
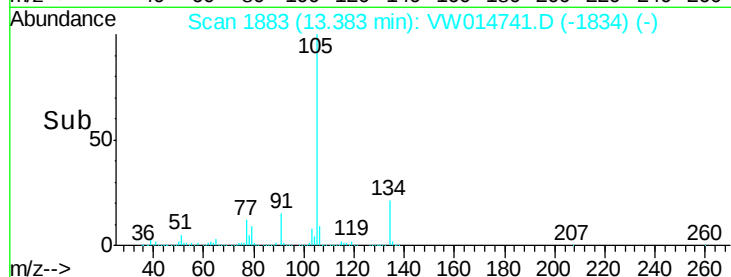
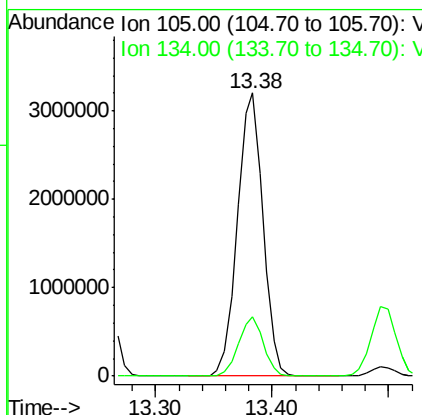
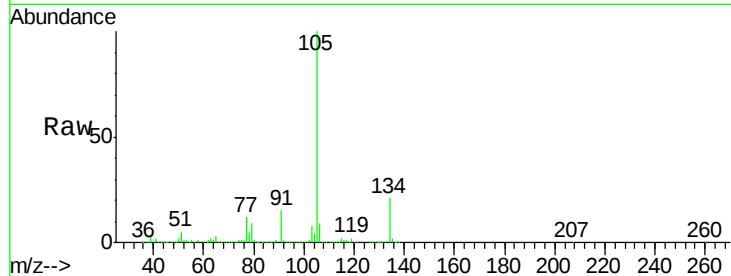
#85
 sec-Butylbenzene
 Concen: 136.663 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 4887614
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

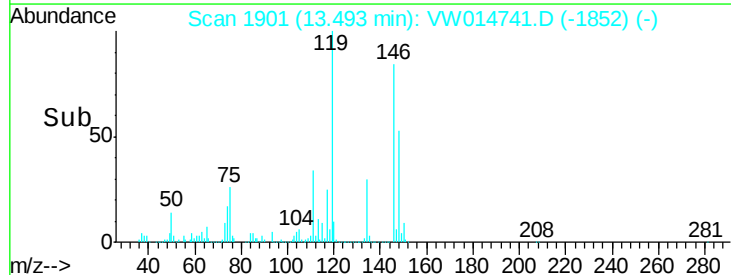
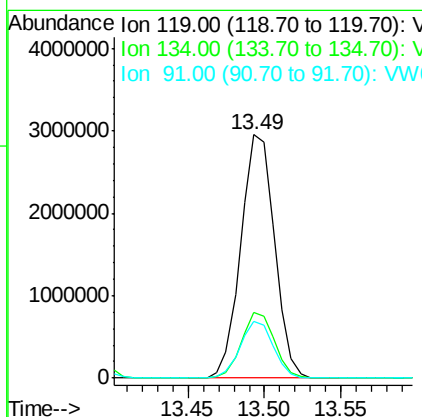
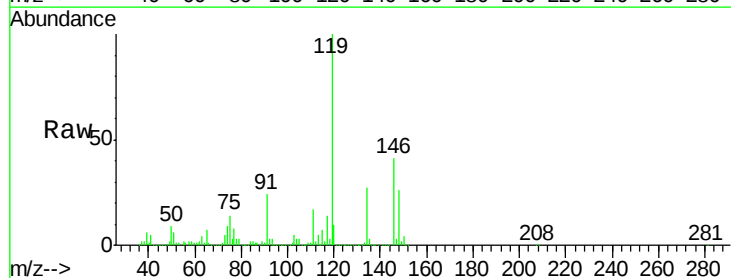
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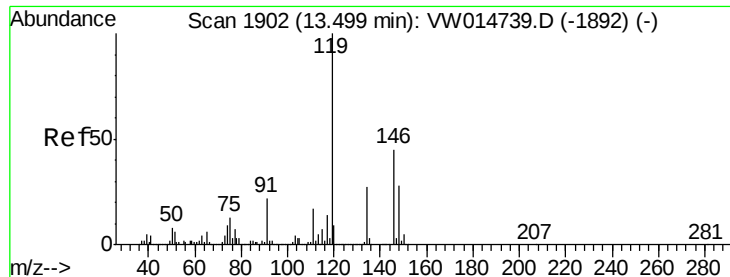
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#86
 p-Isopropyltoluene
 Concen: 138.398 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion:119 Resp: 4516053
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 38.9
 91 22.9 11.4 34.2





#87
 1,3-Dichlorobenzene
 Concen: 134.086 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

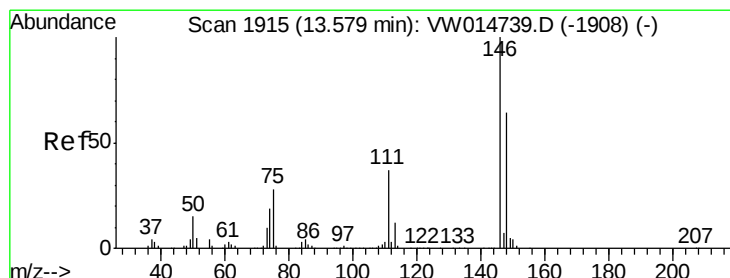
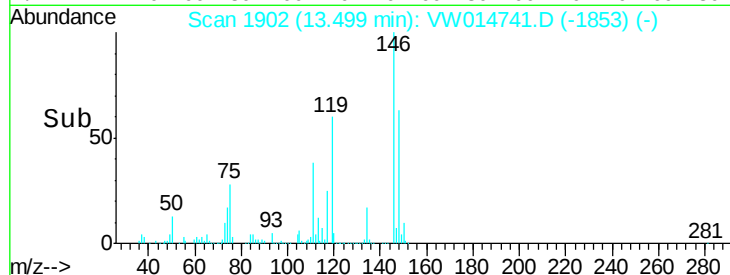
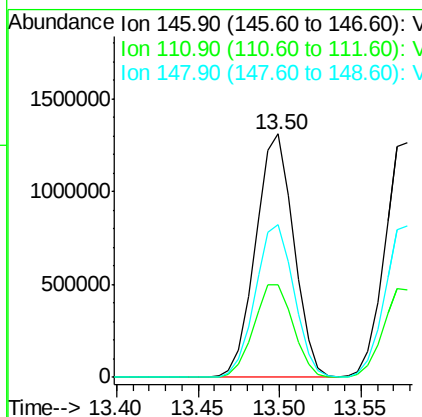
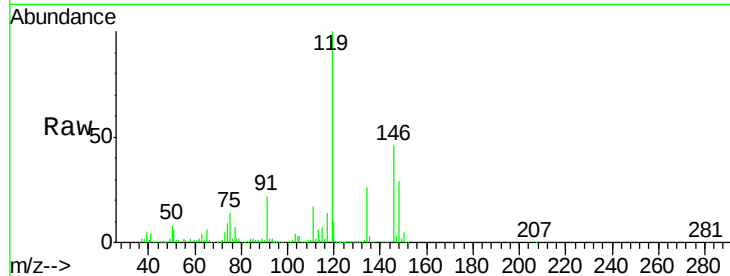
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 2121577

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.7	31.6	95.0

Manual Integrations
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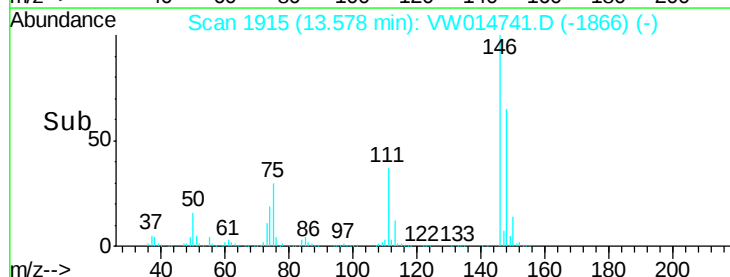
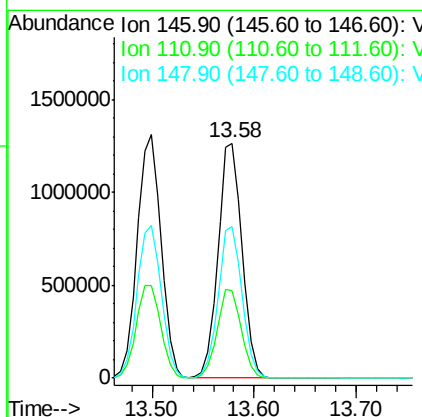
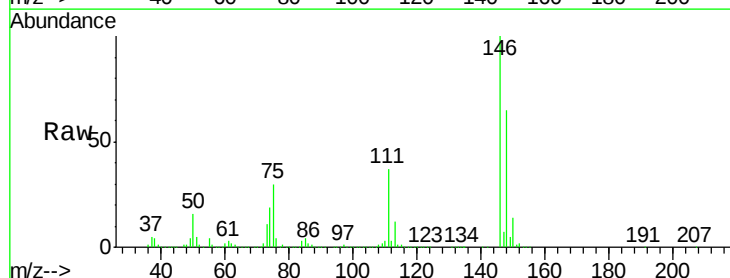
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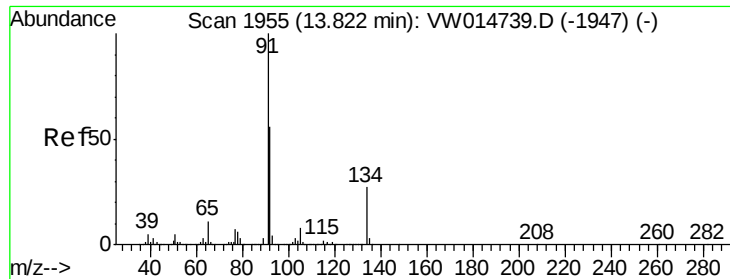


#88
 1,4-Dichlorobenzene
 Concen: 133.081 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion:146 Resp: 2073190

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	64.2	32.0	96.2





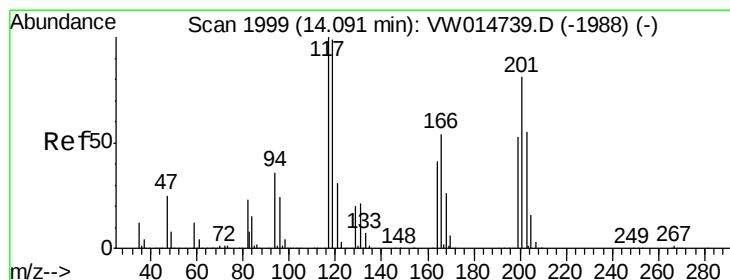
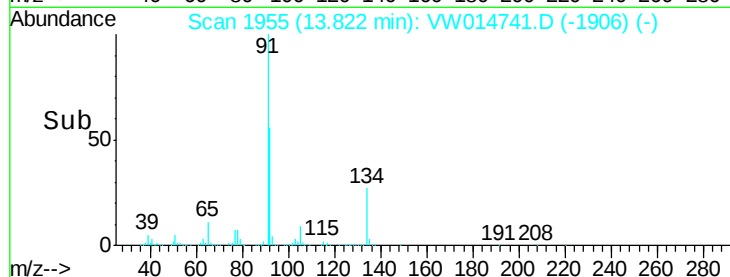
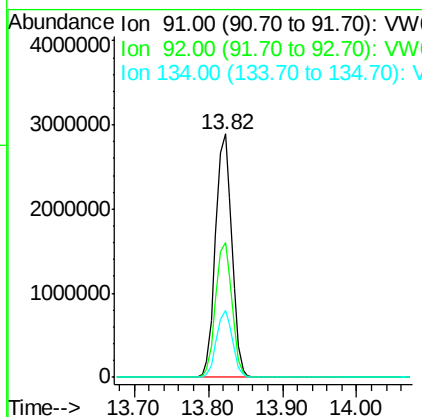
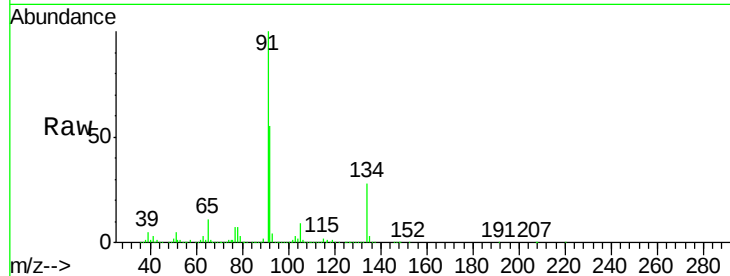
#89
n-Butylbenzene
Concen: 142.124 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.5	82.4
134	27.0	13.1	39.1

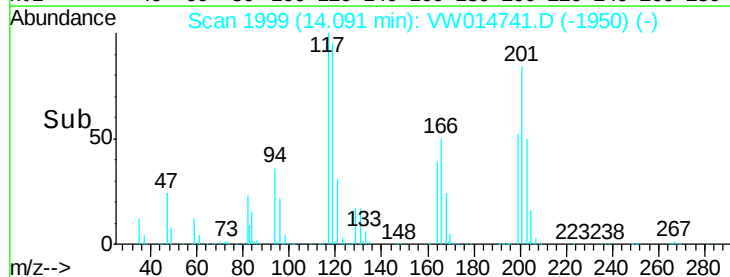
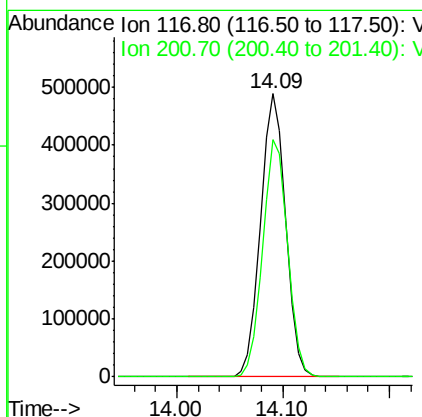
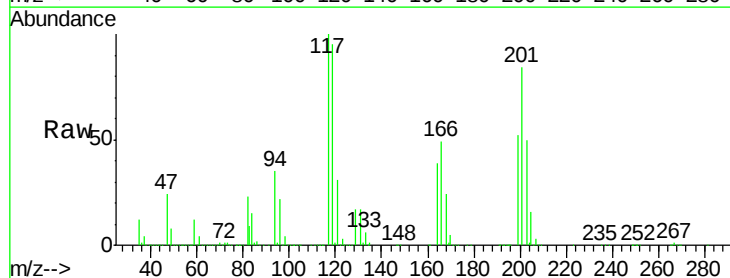
Manual Integrations
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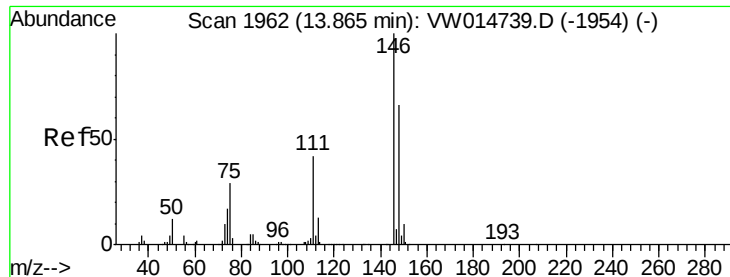
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#90
Hexachloroethane
Concen: 142.353 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	41.6	124.9





#91

1,2-Dichlorobenzene

Concen: 133.662 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1859129

Ion Ratio Lower Upper

146 100

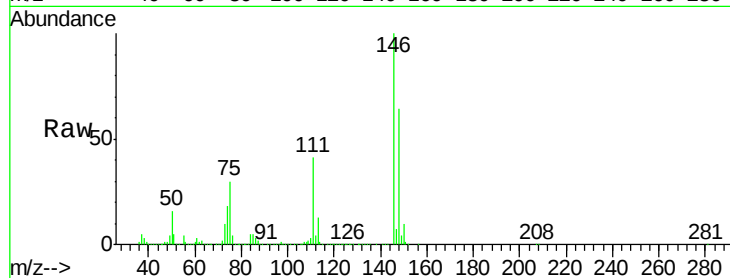
111 40.7 20.7 62.1

148 63.4 32.5 97.4

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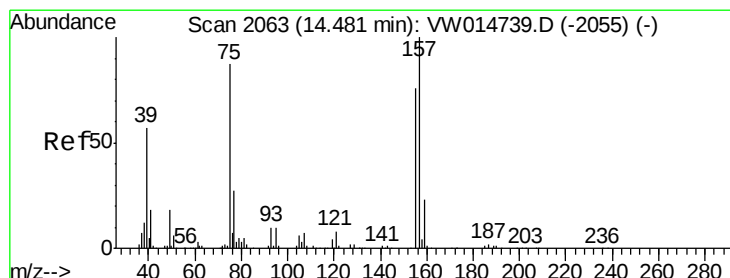
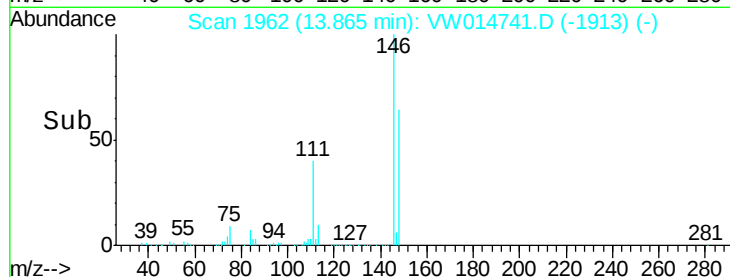
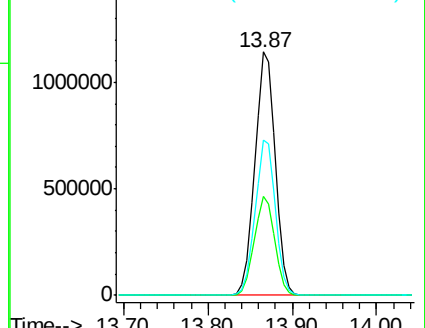
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 140.062 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014741.D

Acq: 24 Jan 2020 12:44

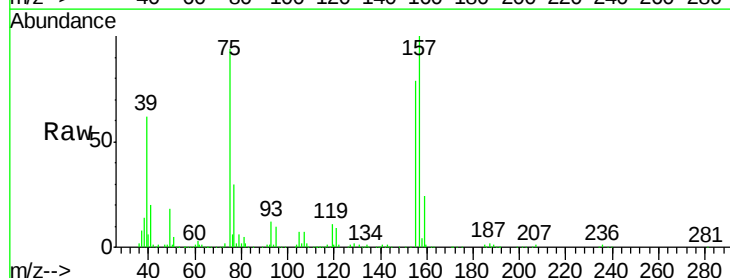
Tgt Ion: 75 Resp: 137922

Ion Ratio Lower Upper

75 100

155 86.5 42.5 127.5

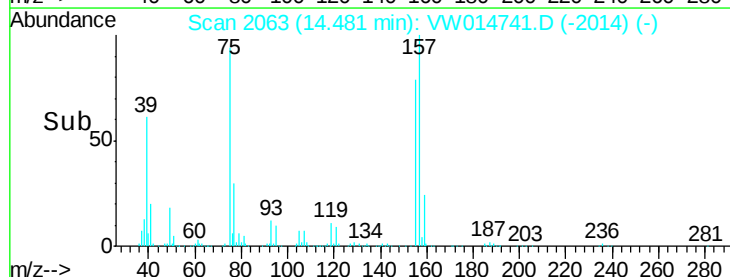
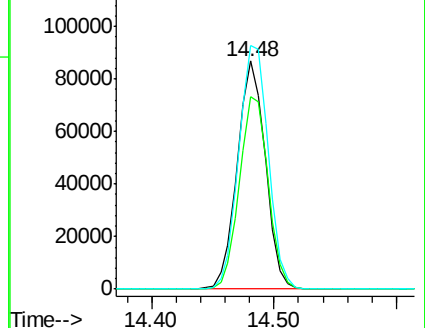
157 112.2 54.8 164.4

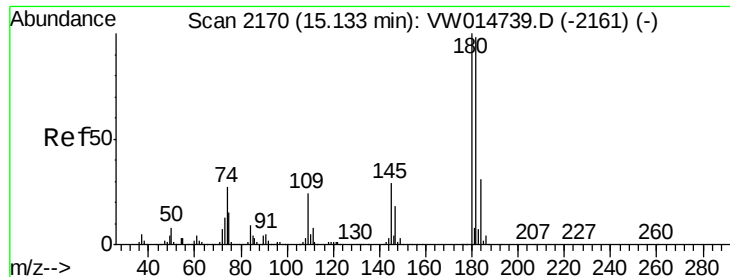


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





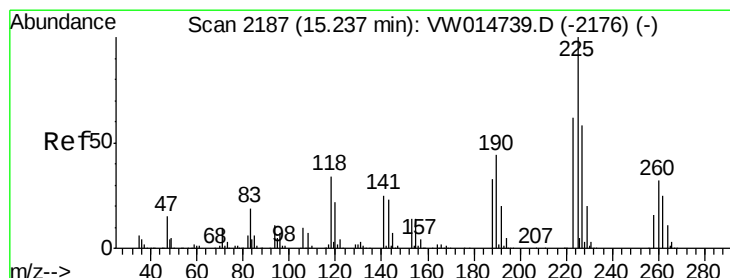
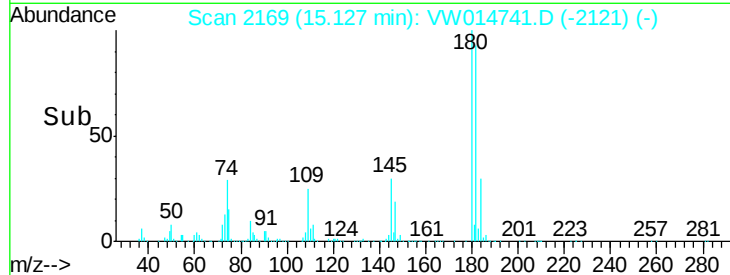
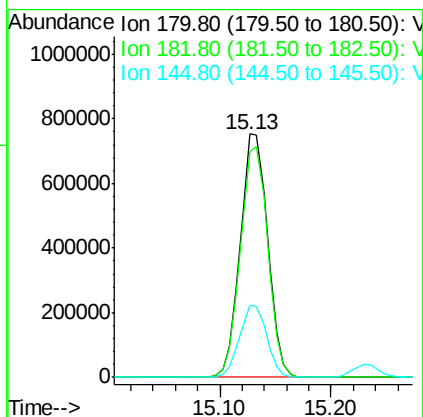
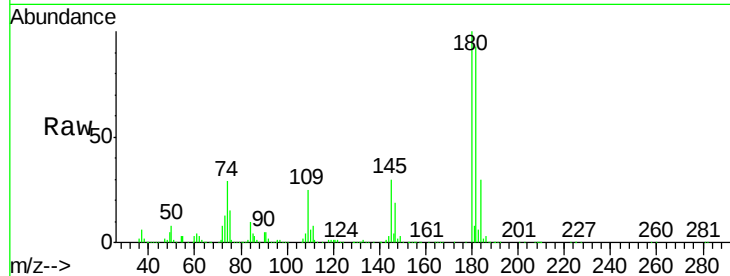
#93
 1,2,4-Trichlorobenzene
 Concen: 138.403 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.6	145.9
145	29.5	14.7	44.1

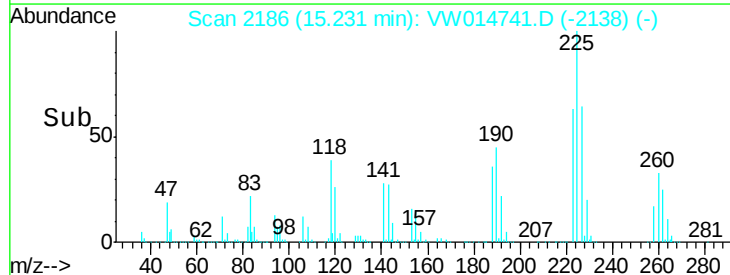
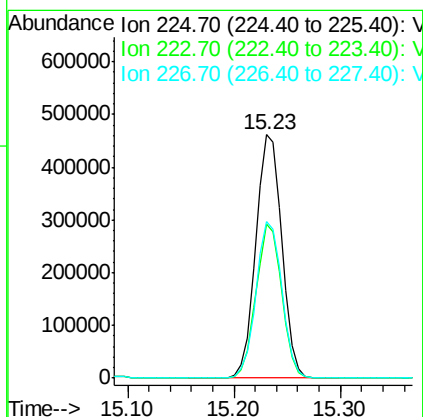
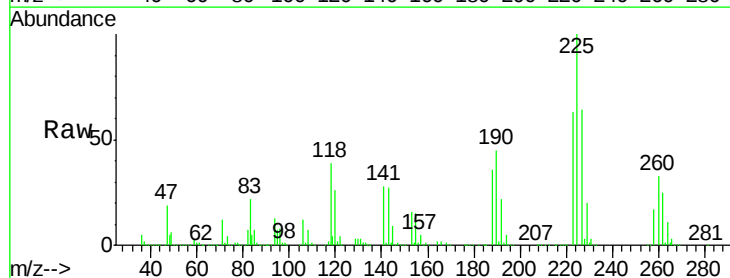
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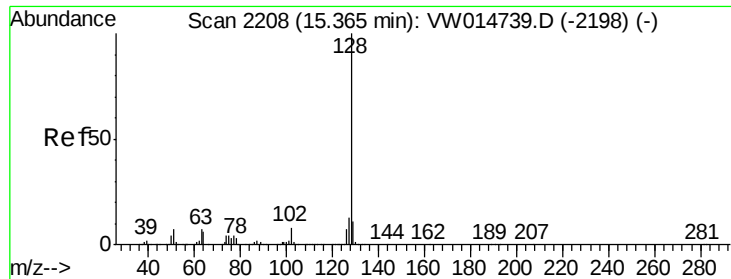
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#94
 Hexachlorobutadiene
 Concen: 126.044 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW014741.D
 Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.3
227	64.1	30.9	92.8





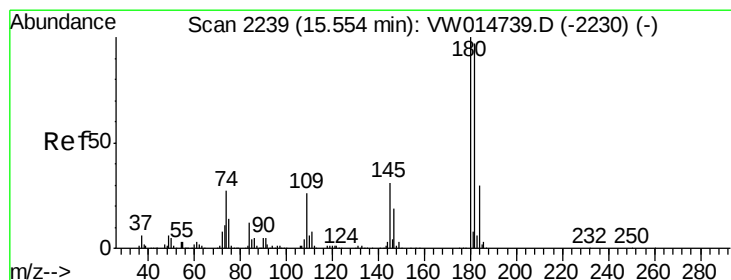
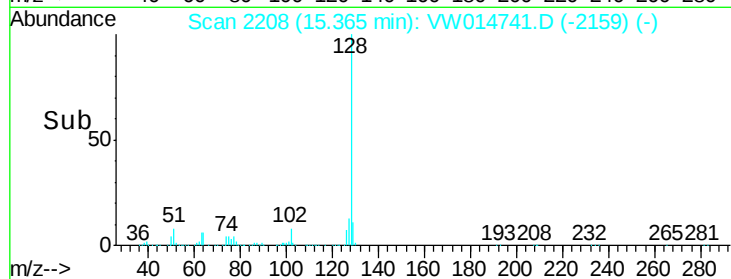
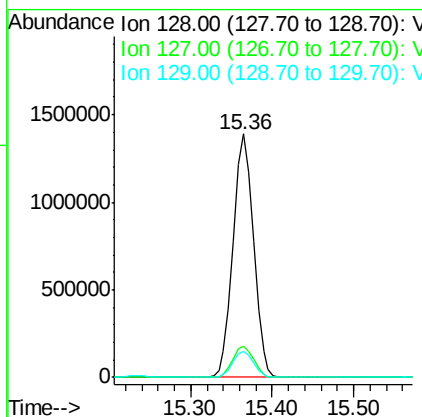
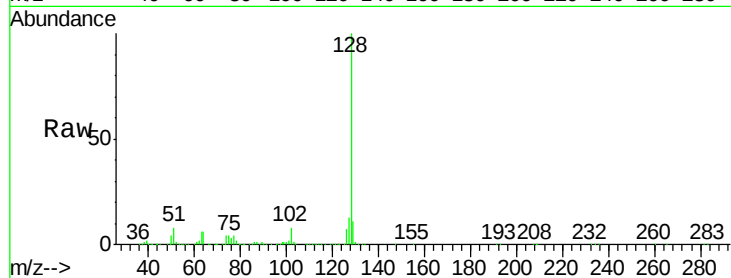
#95
Naphthalene
Concen: 151.806 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 135.284 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014741.D
Acq: 24 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.2	141.6
145	31.3	15.4	46.4

