

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015095.D
 Acq On : 09 Mar 2020 11:55
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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 3/11/2020 3:23:58 PM

Quant Time: Mar 09 18:45:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	784532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	711246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	329371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	328889	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.88	113	244647	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.32	98	1055309	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.62	95	360700	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	120936	46.200	ug/l	100
3) Chloromethane	2.21	50	260408	46.358	ug/l	100
4) Vinyl Chloride	2.36	62	357443	48.605	ug/l	100
5) Bromomethane	2.78	94	195803	46.579	ug/l	100
6) Chloroethane	2.92	64	213168	50.044	ug/l	100
7) Trichlorofluoromethane	3.25	101	189167	51.402	ug/l	100
8) Diethyl Ether	3.68	74	146014	52.070	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	276028	49.202	ug/l	100
10) Methyl Iodide	4.27	142	313846	50.286	ug/l	100
11) Tert butyl alcohol	5.16	59	92352	253.158	ug/l	100
12) 1,1-Dichloroethene	4.04	96	277065	50.513	ug/l	100
13) Acrolein	3.89	56	137518	257.755	ug/l	100
14) Allyl chloride	4.67	41	570789	51.928	ug/l	100
15) Acrylonitrile	5.36	53	382663	266.220	ug/l	100
16) Acetone	4.12	43	389053	268.753	ug/l	100
17) Carbon Disulfide	4.39	76	981267	50.459	ug/l	100
18) Methyl Acetate	4.67	43	176819	51.527	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	383495	54.617	ug/l	100
20) Methylene Chloride	4.92	84	308465	46.028	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	298580	51.271	ug/l	100
22) Diisopropyl ether	6.31	45	1136633	53.892	ug/l	100
23) Vinyl Acetate	6.25	43	3464192	278.239	ug/l	100
24) 1,1-Dichloroethane	6.21	63	620569	50.456	ug/l	100
25) 2-Butanone	7.17	43	549856	277.071	ug/l	100
26) 2,2-Dichloropropane	7.17	77	346930	49.319	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	313072	51.638	ug/l	100
28) Bromochloromethane	7.51	49	311087	52.786	ug/l	100
29) Tetrahydrofuran	7.52	42	350140	282.071	ug/l	100
30) Chloroform	7.67	83	547358	50.149	ug/l	100
31) Cyclohexane	7.95	56	630027	49.806	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	432183	50.712	ug/l	100
36) 1,1-Dichloropropene	8.08	75	478611	52.605	ug/l	100
37) Ethyl Acetate	7.25	43	241288	53.212	ug/l	100
38) Carbon Tetrachloride	8.07	117	379803	51.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	560359	53.866	ug/l	100
40) Benzene	8.32	78	1305204	51.622	ug/l	100
41) Methacrylonitrile	7.48	41	128899	53.750	ug/l	100
42) 1,2-Dichloroethane	8.40	62	400284	51.965	ug/l	100
43) Isopropyl Acetate	8.42	43	442844	54.476	ug/l	100
44) Trichloroethene	9.09	130	275707	51.228	ug/l	100
45) 1,2-Dichloropropane	9.37	63	354482	52.060	ug/l	100
46) Dibromomethane	9.46	93	152592	51.539	ug/l	100
47) Bromodichloromethane	9.64	83	408403	51.666	ug/l	100
48) Methyl methacrylate	9.43	41	208725	55.634	ug/l	100
49) 1,4-Dioxane	9.45	88	53042	1170.134	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1200407	267.344	ug/l	100
52) Toluene	10.38	92	767701	52.855	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	416593	53.571	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	500847	52.870	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	213340	52.587	ug/l	100
56) Ethyl methacrylate	10.64	69	295921	56.531	ug/l	100
57) 1,3-Dichloropropane	10.93	76	411043	53.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	865200	281.692	ug/l	100
59) 2-Hexanone	10.96	43	813427	290.031	ug/l	100
60) Dibromochloromethane	11.12	129	223502	53.341	ug/l	100
61) 1,2-Dibromoethane	11.23	107	189734	52.754	ug/l	100
64) Tetrachloroethene	10.86	164	211750	51.589	ug/l	100
65) Chlorobenzene	11.66	112	734759	51.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	245982	51.743	ug/l	100
67) Ethyl Benzene	11.73	91	1487277	53.538	ug/l	100
68) m/p-Xylenes	11.83	106	1057657	107.696	ug/l	100
69) o-Xylene	12.16	106	479228	54.171	ug/l	100
70) Styrene	12.18	104	837277	55.235	ug/l	100
71) Bromoform	12.35	173	113361	53.732	ug/l	100
73) Isopropylbenzene	12.46	105	1365413	54.269	ug/l	100
74) N-amyl acetate	12.27	43	415068	55.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	269114	52.674	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	166299m	27.244	ug/l	
77) Bromobenzene	12.74	156	263032	52.893	ug/l	100
78) n-propylbenzene	12.80	91	1782708	54.520	ug/l	100
79) 2-Chlorotoluene	12.89	91	981578	53.393	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1175912	54.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89290	54.177	ug/l	100
82) 4-Chlorotoluene	12.99	91	1032172	52.721	ug/l	100
83) tert-Butylbenzene	13.21	119	960919	54.830	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1171678	54.167	ug/l	100
85) sec-Butylbenzene	13.38	105	1444315	54.455	ug/l	100
86) p-Isopropyltoluene	13.49	119	1257737	55.167	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	543363	51.568	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	534873	51.554	ug/l	100
89) n-Butylbenzene	13.82	91	1365009	55.518	ug/l	100
90) Hexachloroethane	14.09	117	234724	51.336	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	483131	52.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	43042	52.464	ug/l	100

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ClientSampleId :
VSTDICCC050

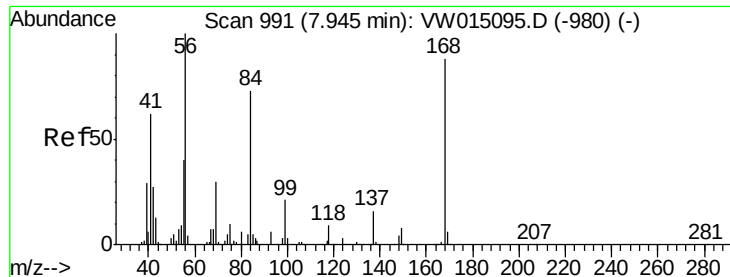
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	294146	55.700	ug/l	100
94) Hexachlorobutadiene	15.23	225	171707	51.788	ug/l	100
95) Naphthalene	15.36	128	594236	60.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	255780	54.608	ug/l	100

(#) = 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: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 431696

Ion Ratio Lower Upper

168 100

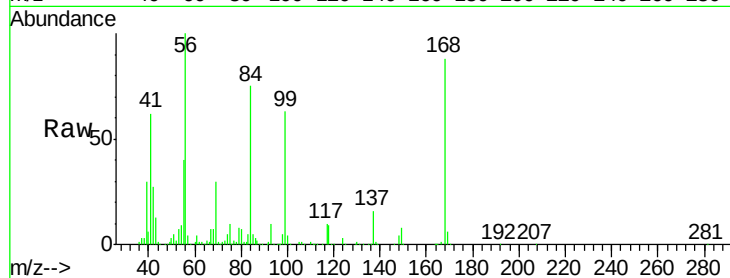
99 71.5 57.2 85.8

Manual Integrations

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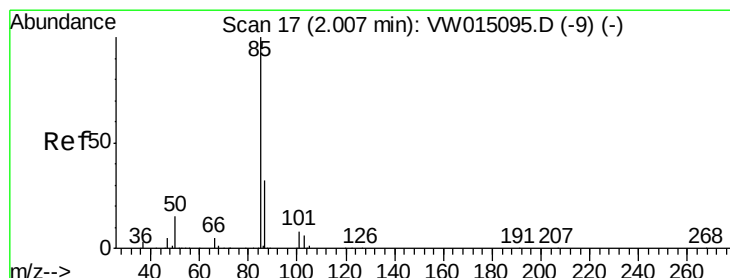
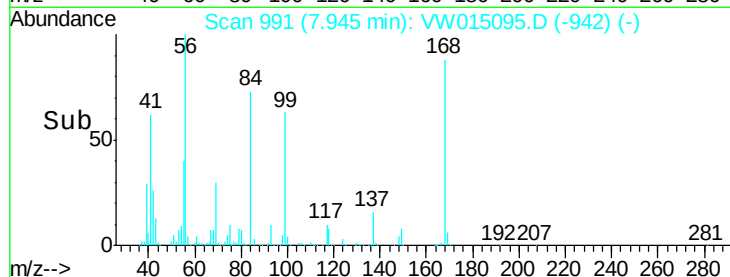
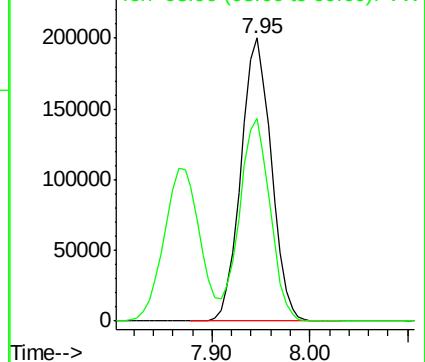
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.200 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015095.D

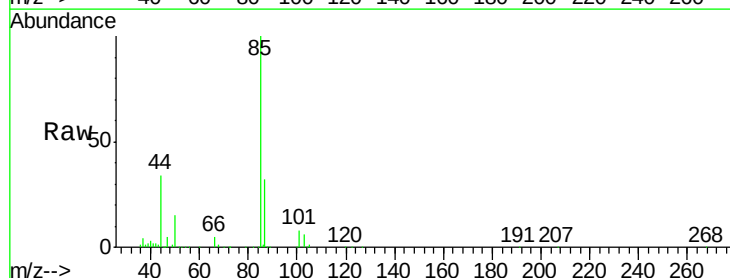
Acq: 09 Mar 2020 11:55

Tgt Ion: 85 Resp: 120936

Ion Ratio Lower Upper

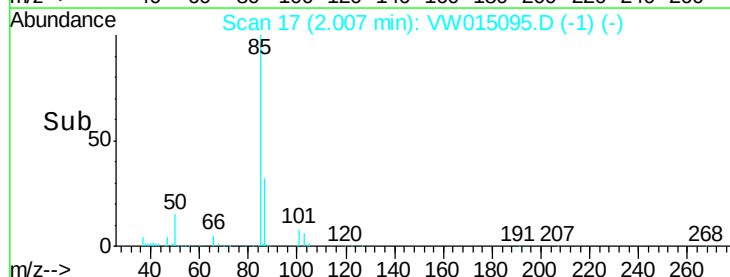
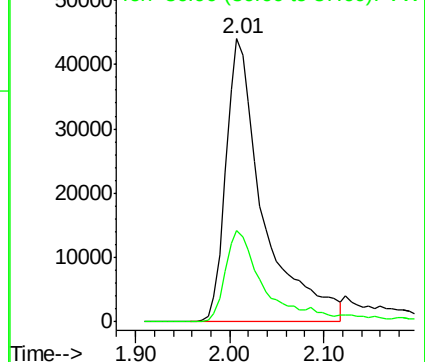
85 100

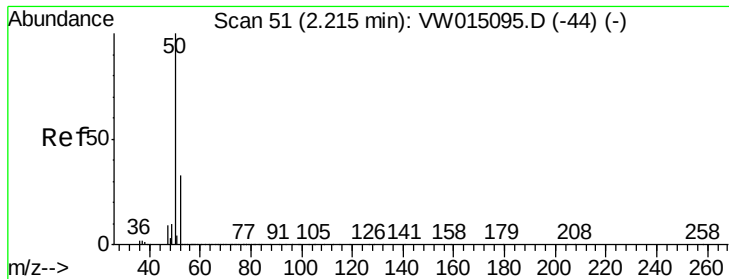
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.358 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 260408

Ion Ratio Lower Upper

50 100

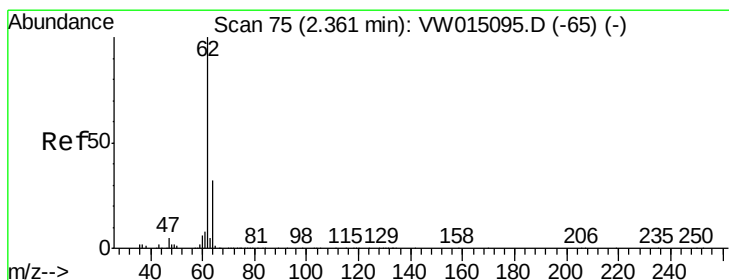
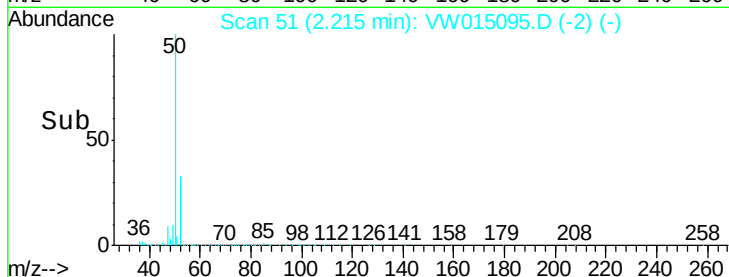
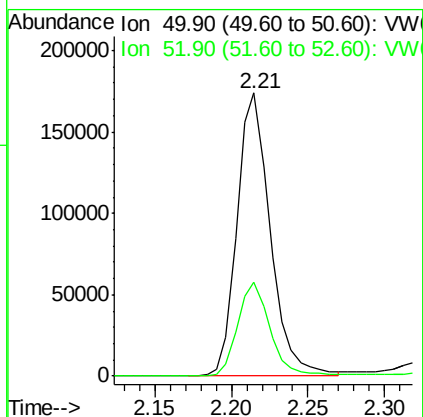
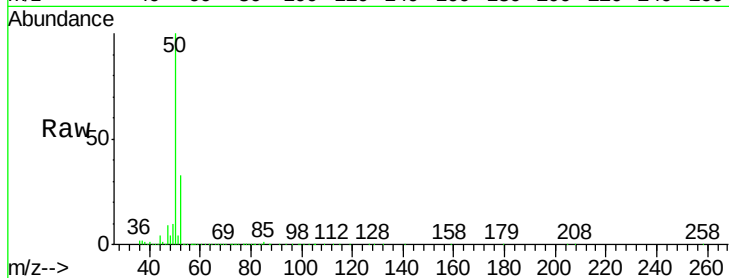
52 33.3 26.6 40.0

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#4

Vinyl Chloride

Concen: 48.605 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015095.D

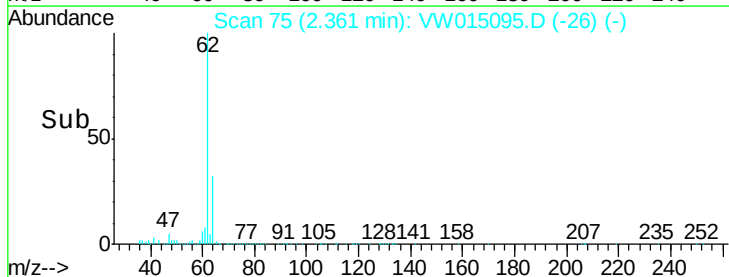
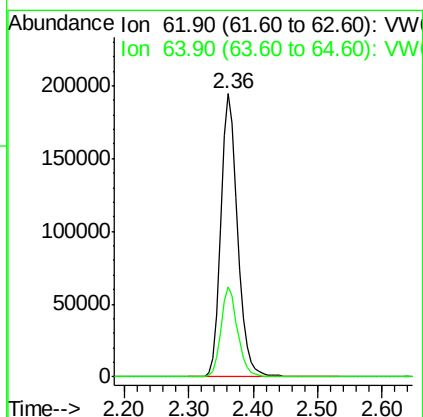
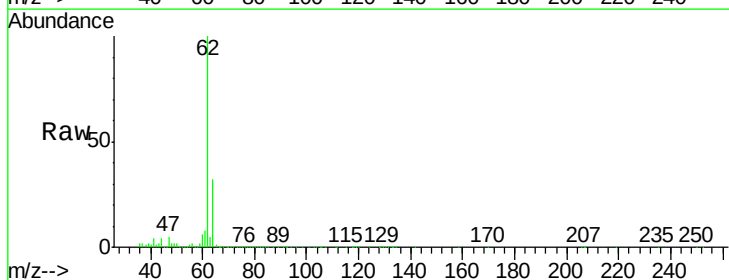
Acq: 09 Mar 2020 11:55

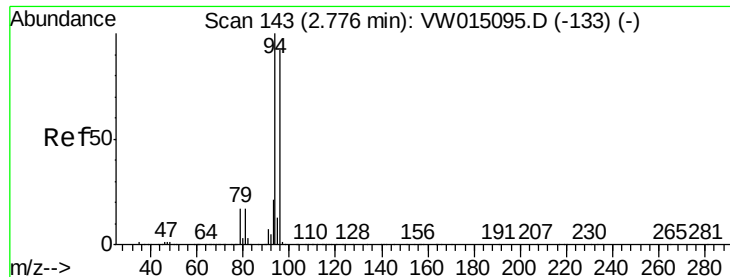
Tgt Ion: 62 Resp: 357443

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 46.579 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 195803

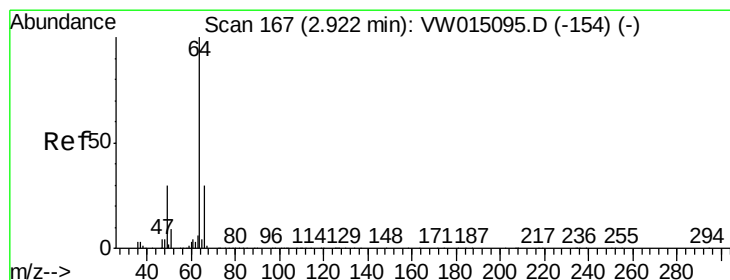
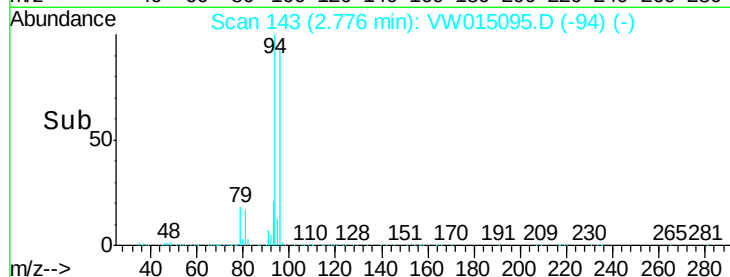
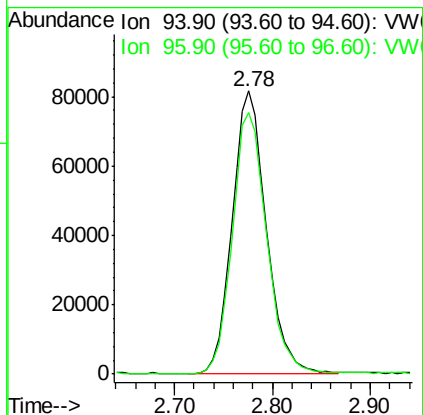
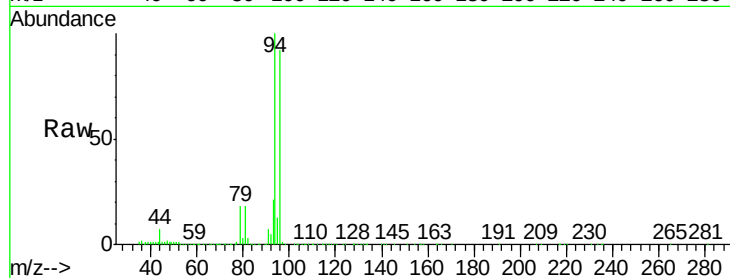
Ion Ratio Lower Upper

94 100

96 92.5 74.0 111.0

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#6

Chloroethane

Concen: 50.044 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015095.D

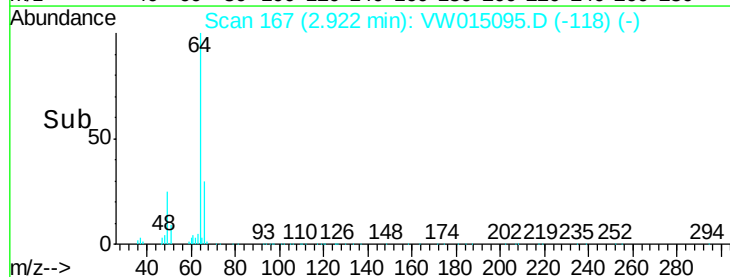
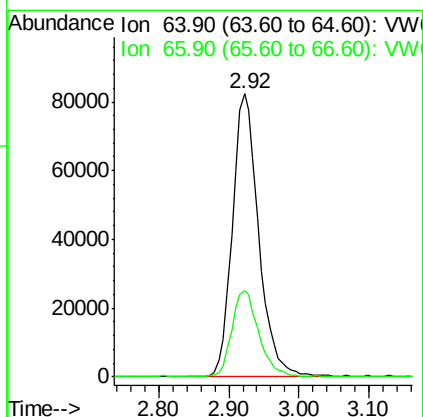
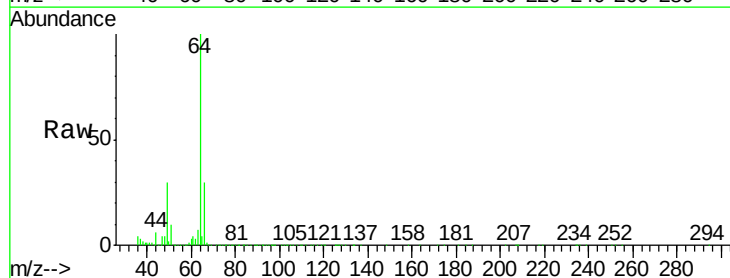
Acq: 09 Mar 2020 11:55

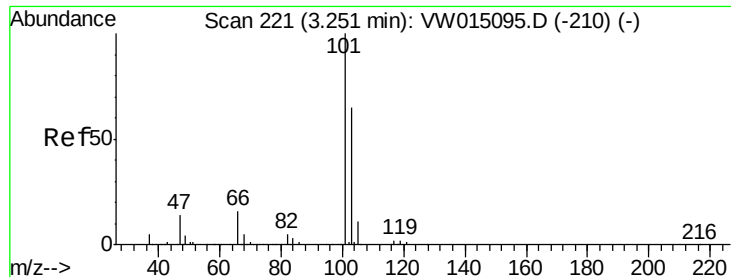
Tgt Ion: 64 Resp: 213168

Ion Ratio Lower Upper

64 100

66 30.2 24.2 36.2





#7

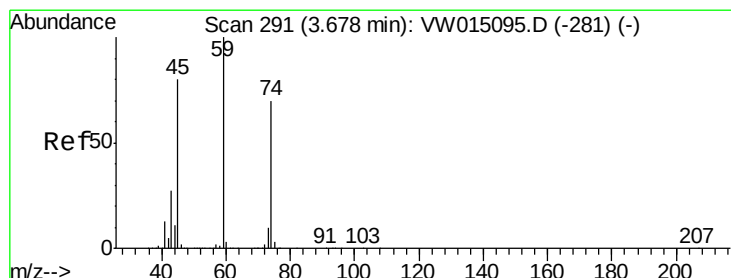
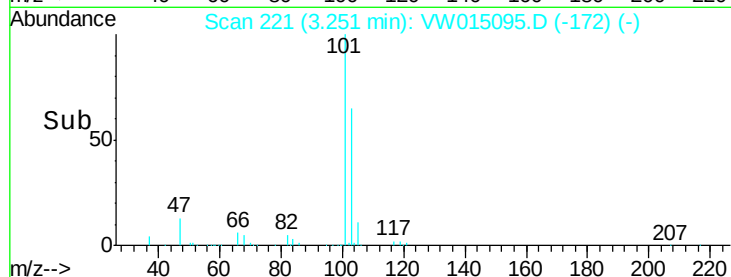
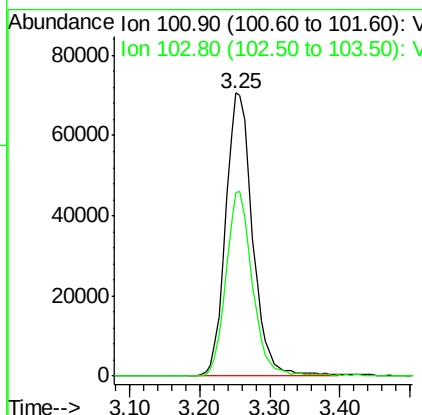
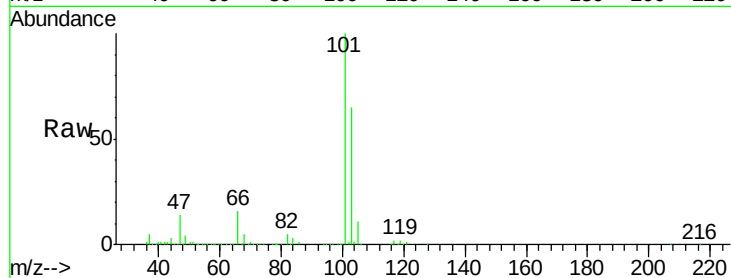
Trichlorofluoromethane
Concen: 51.402 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

Manual Integrations
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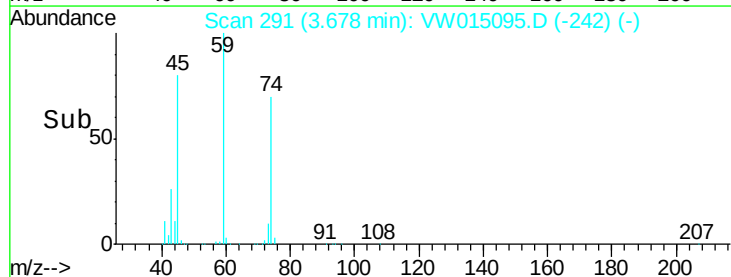
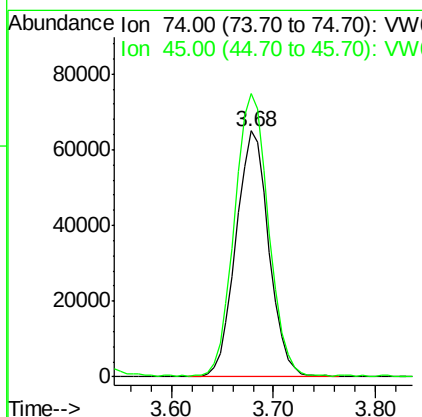
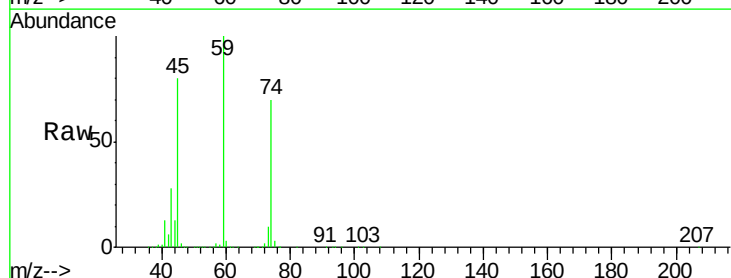
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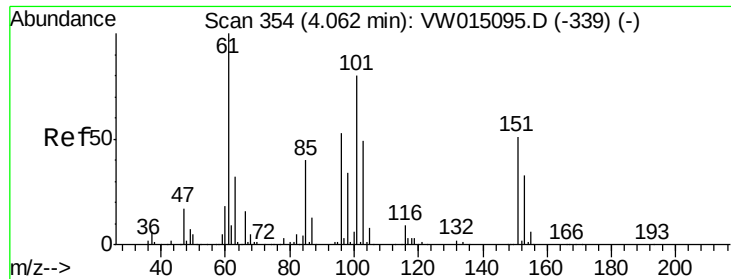


#8

Diethyl Ether
Concen: 52.070 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.3	59.2	177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.202 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:101 Resp: 276028

Ion Ratio Lower Upper

101 100

85 48.7 39.0 58.4

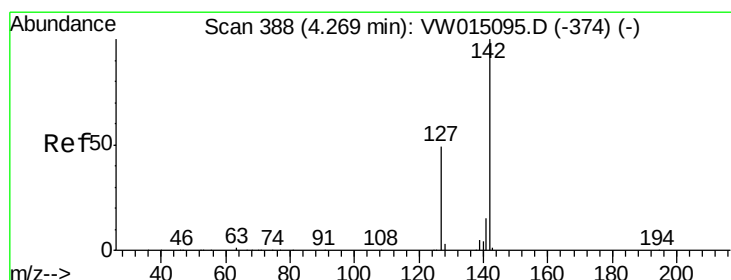
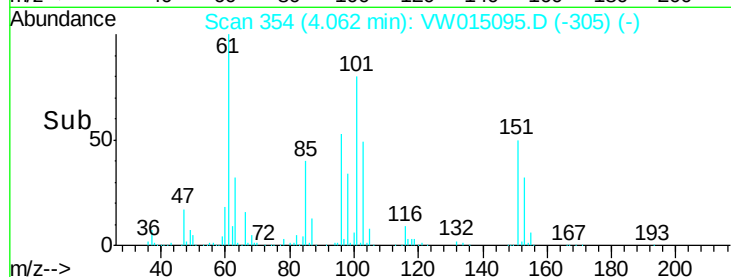
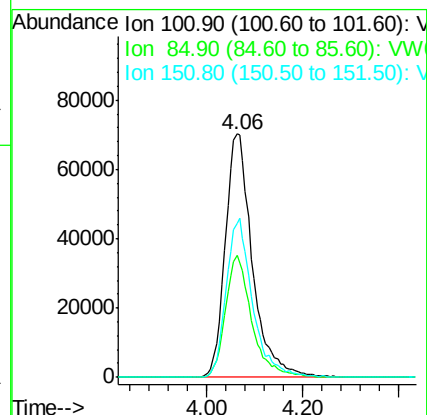
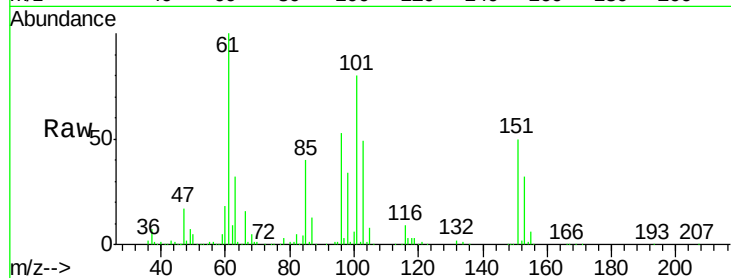
151 63.5 50.8 76.2

Manual Integrations

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#10

Methyl Iodide

Concen: 50.286 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

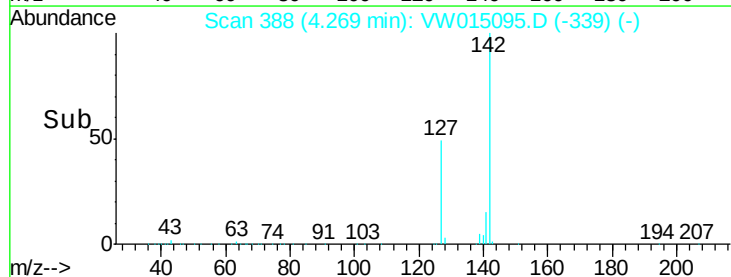
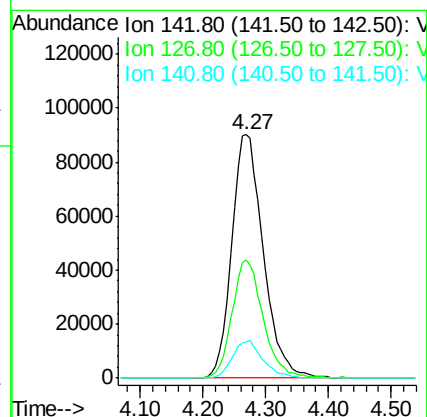
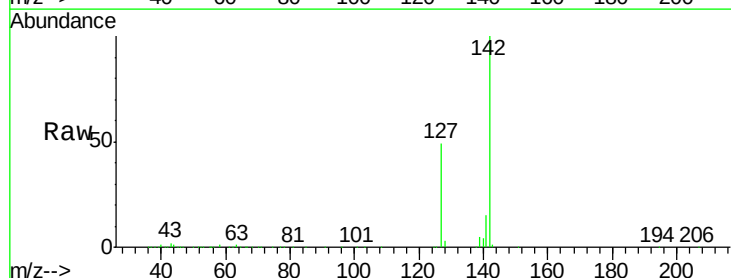
Tgt Ion:142 Resp: 313846

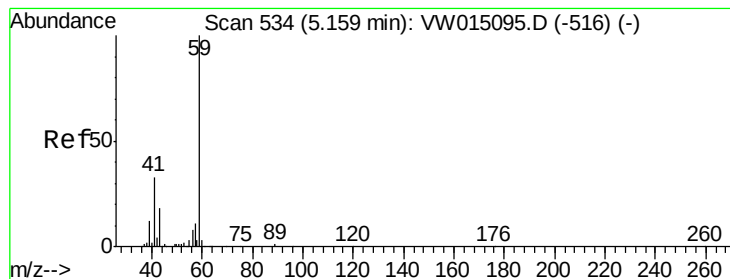
Ion Ratio Lower Upper

142 100

127 47.8 38.2 57.4

141 15.0 12.0 18.0





#11

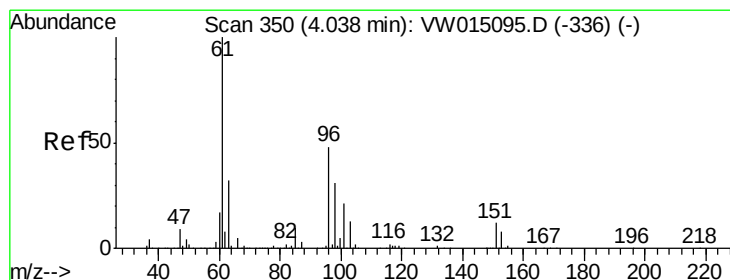
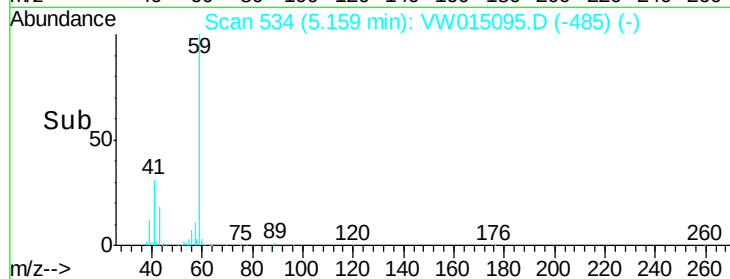
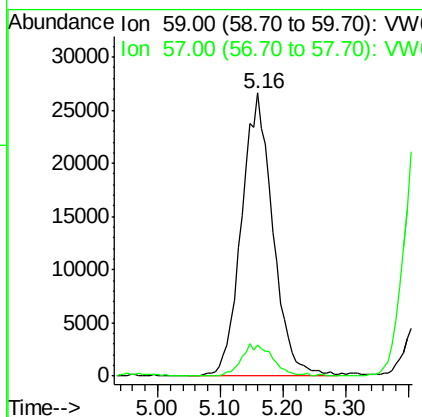
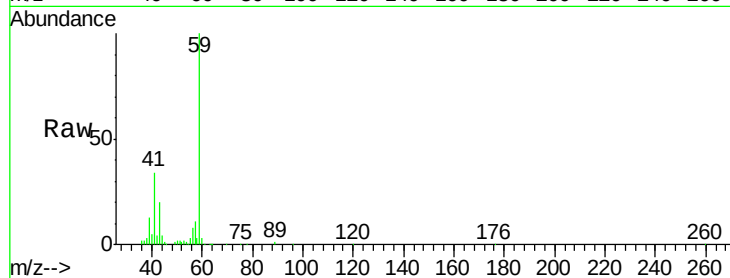
Tert butyl alcohol
 Concen: 253.158 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	9.1	13.7

Manual Integrations
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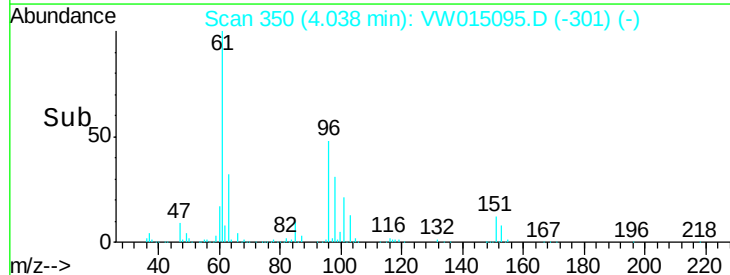
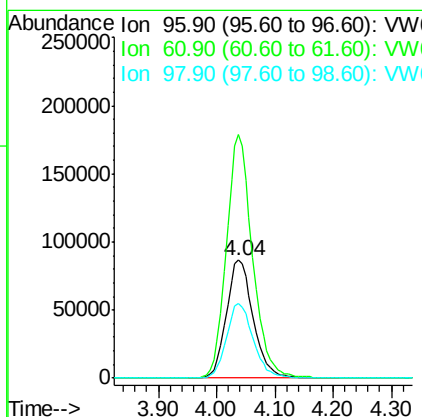
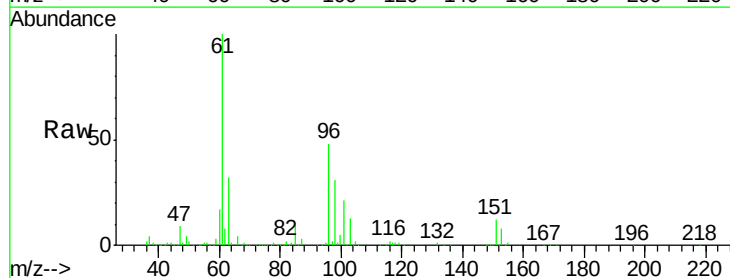
MMDadoda
 3/11/2020 3:23:58 PM

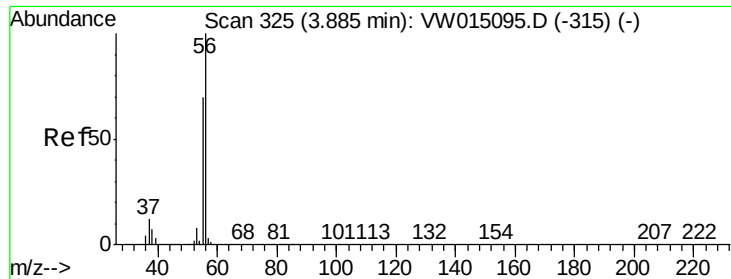


#12

1,1-Dichloroethene
 Concen: 50.513 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	206.9	165.5	248.3
98	63.9	51.1	76.7





#13

Acrolein

Concen: 257.755 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 137518

Ion Ratio Lower Upper

56 100

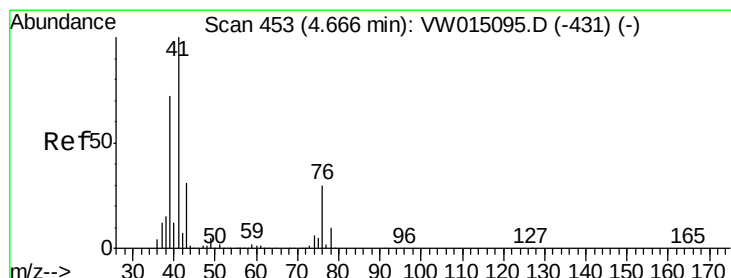
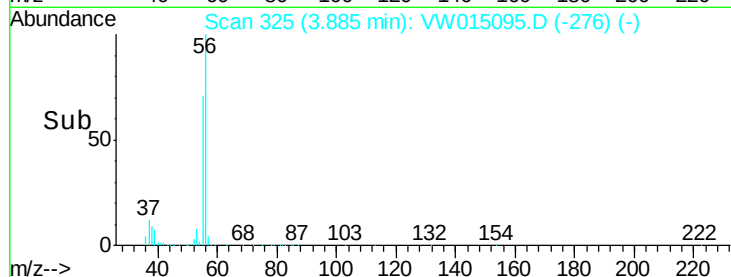
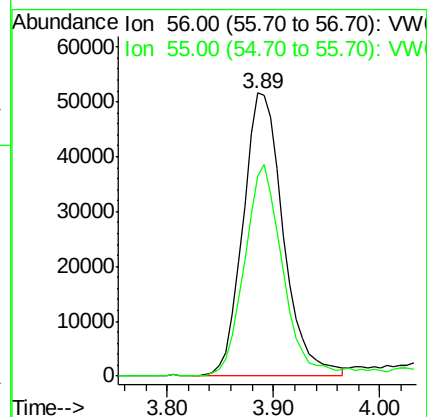
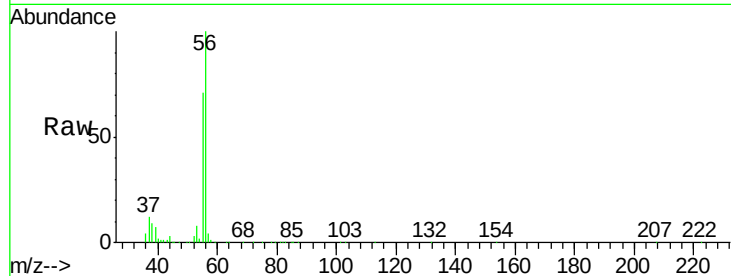
55 69.3 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 51.928 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

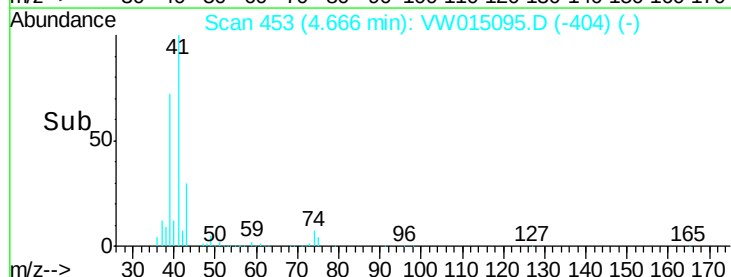
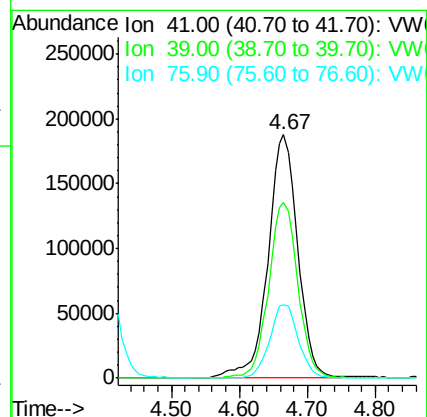
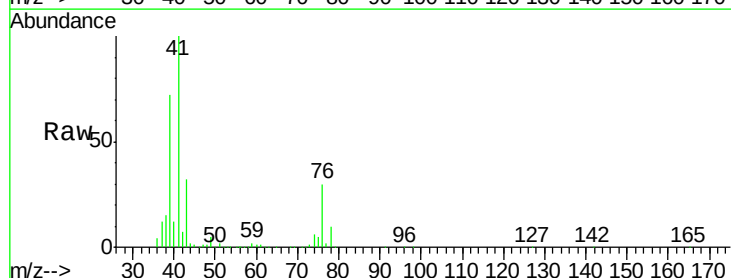
Tgt Ion: 41 Resp: 570789

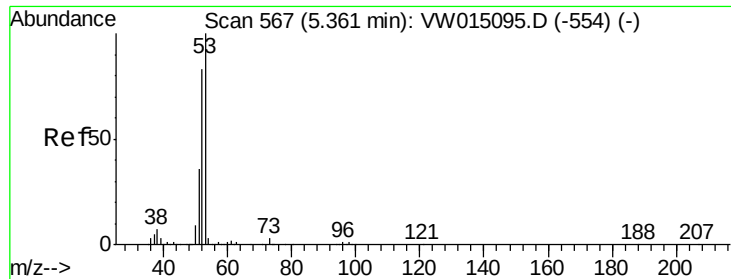
Ion Ratio Lower Upper

41 100

39 71.1 56.9 85.3

76 29.0 23.2 34.8





#15

Acrylonitrile

Concen: 266.220 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

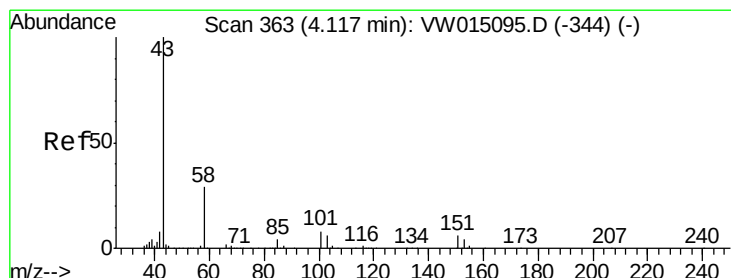
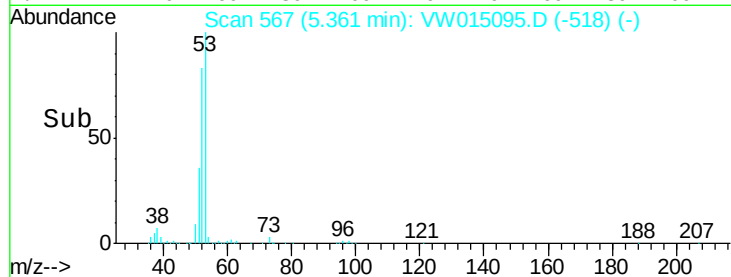
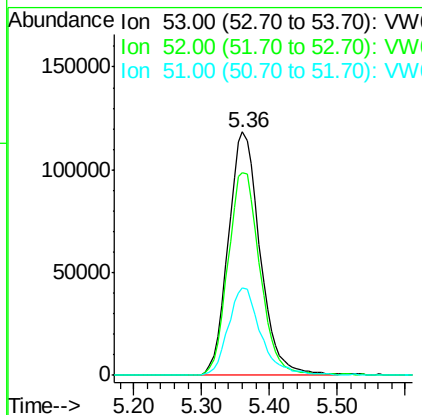
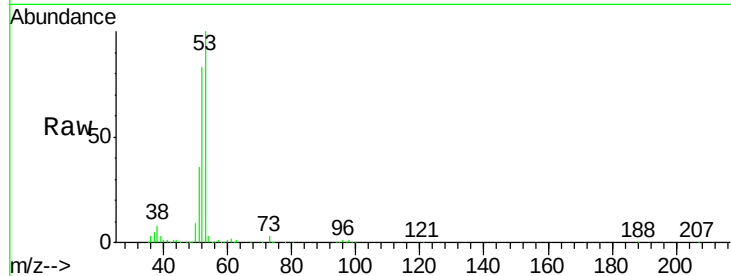
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	382663
Ion	Ratio	Lower	Upper
53	100		
52	84.0	67.2	100.8
51	37.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 268.753 ug/l

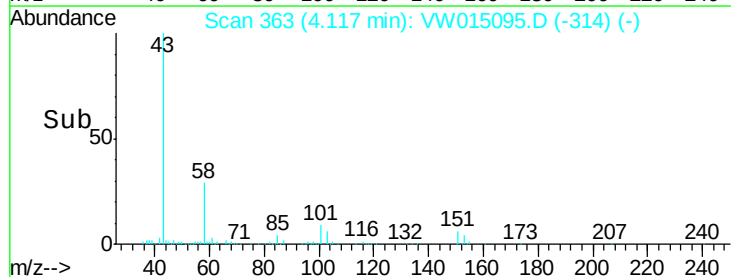
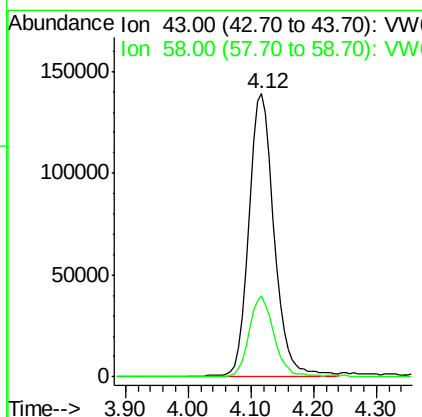
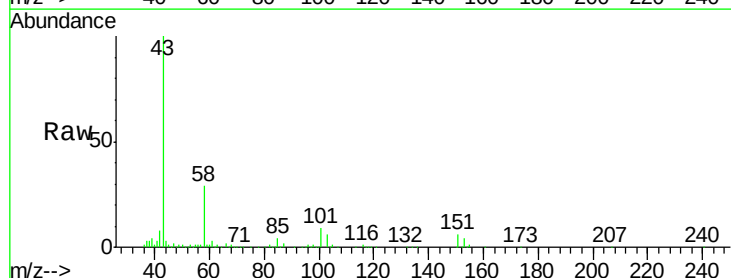
RT: 4.12 min Scan# 363

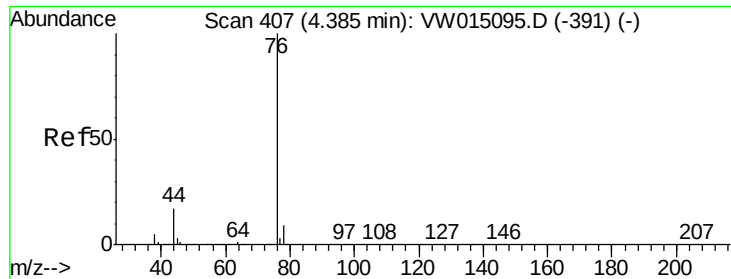
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion:	43	Resp:	389053
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.9	34.3





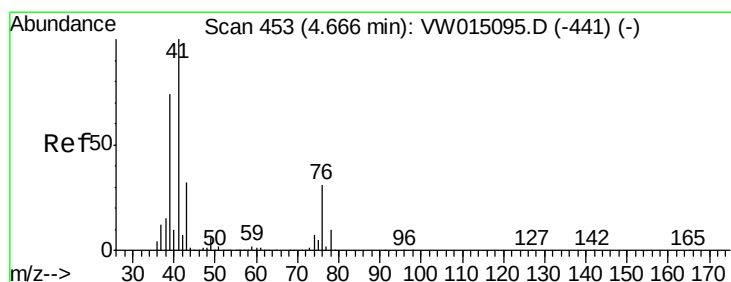
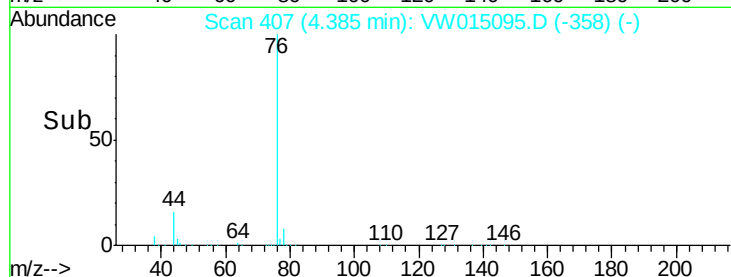
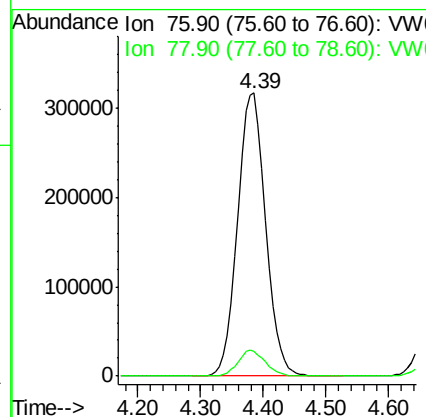
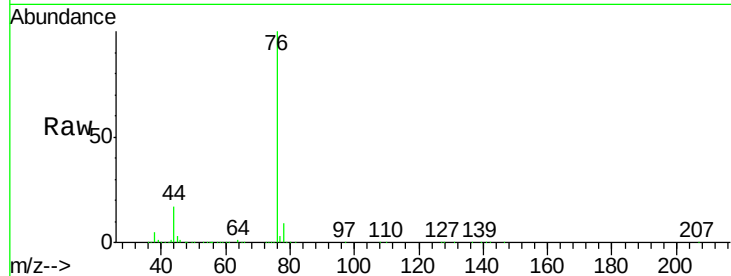
#17
Carbon Disulfide
Concen: 50.459 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

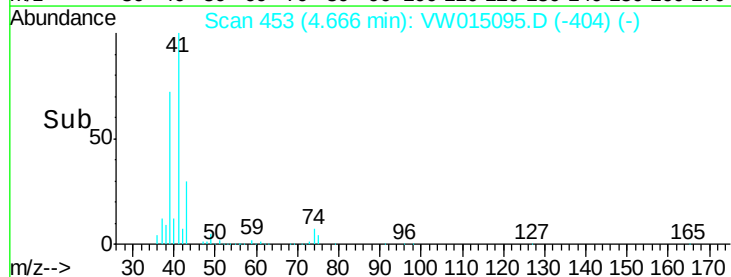
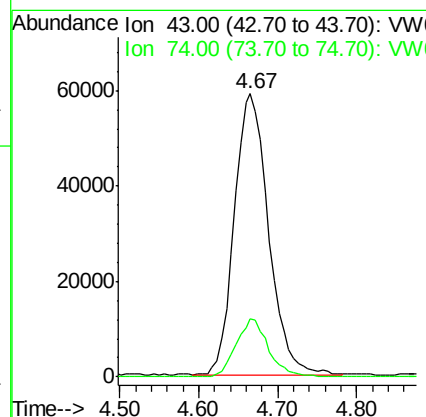
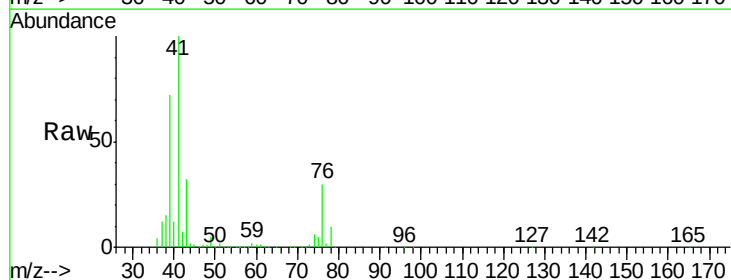
Manual Integrations
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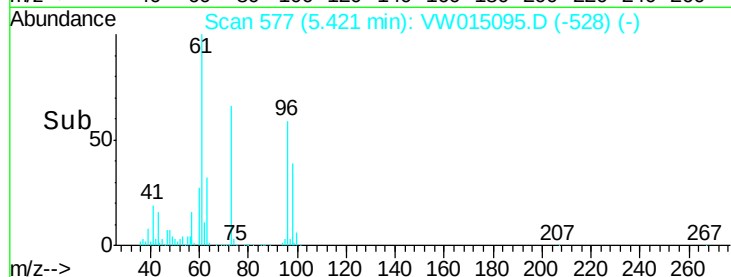
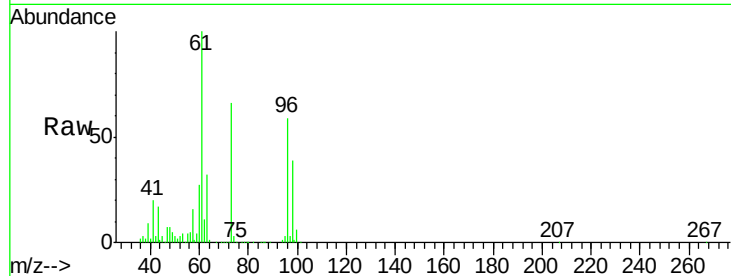
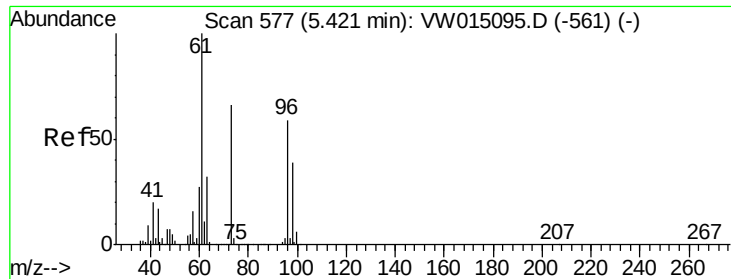
MMDadoda
3/11/2020 3:23:58 PM



#18
Methyl Acetate
Concen: 51.527 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	15.8	23.6





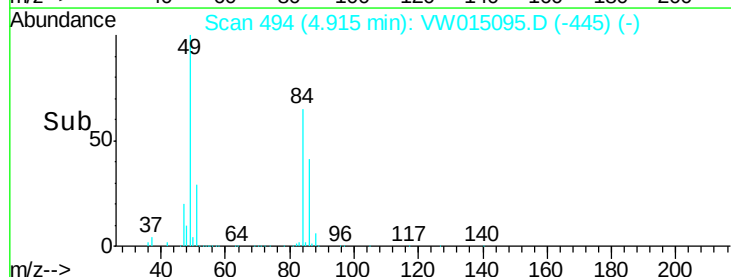
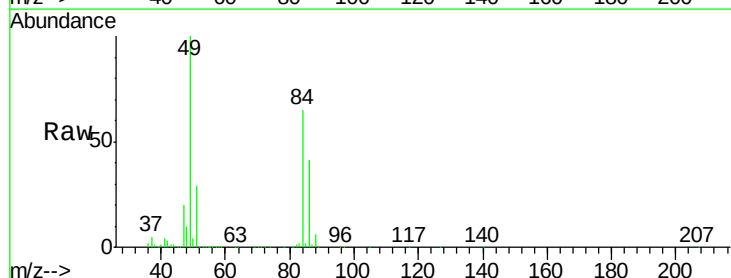
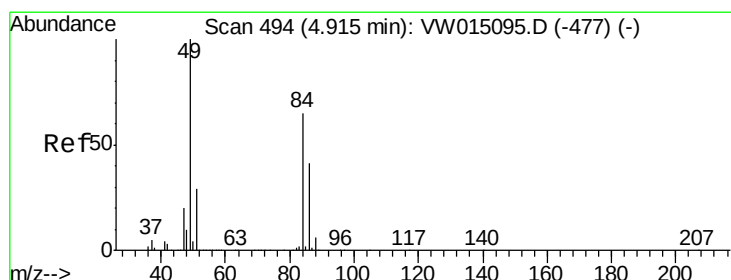
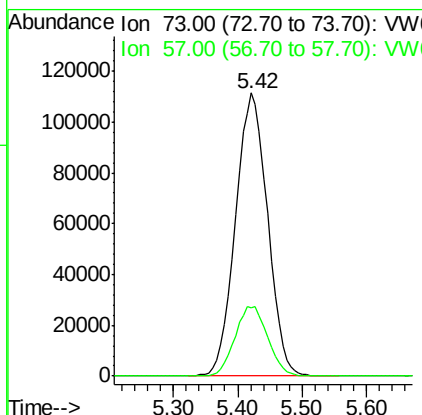
#19
Methyl tert-butyl Ether
Concen: 54.617 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tot Ion	73	Resp	383495
Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.3	28.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

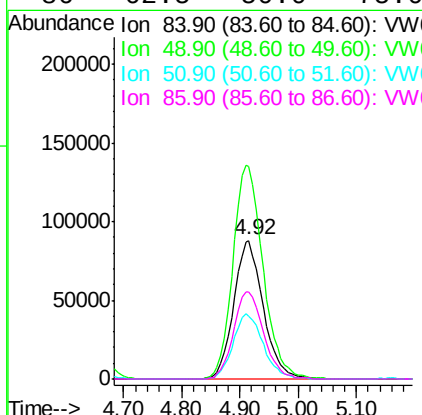
Manual Integrations
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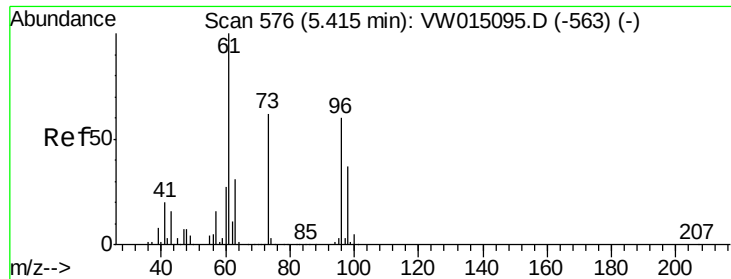
MMDadoda
3/11/2020 3:23:58 PM



#20
Methylene Chloride
Concen: 46.028 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	84	Resp	308465
Ion	Ratio	Lower	Upper
84	100		
49	153.5	122.8	184.2
51	44.9	35.9	53.9
86	62.5	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 51.271 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

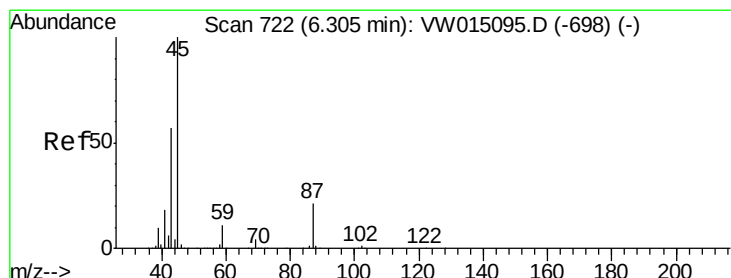
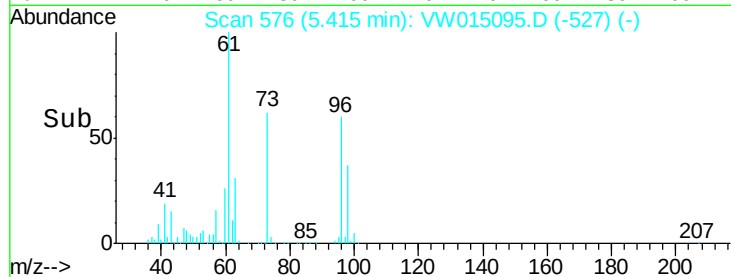
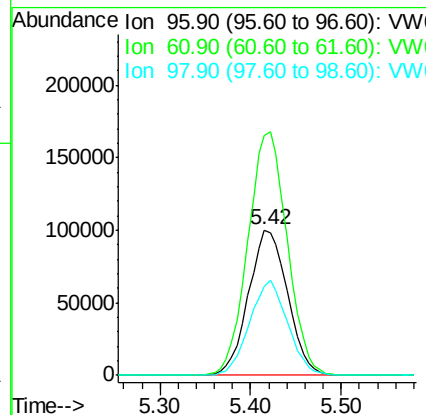
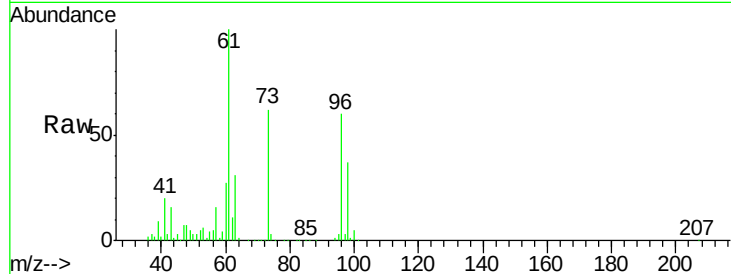
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	298580
Ion	Ratio	Lower	Upper
96	100		
61	165.6	132.5	198.7
98	61.1	48.9	73.3

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#22

Diisopropyl ether

Concen: 53.892 ug/l

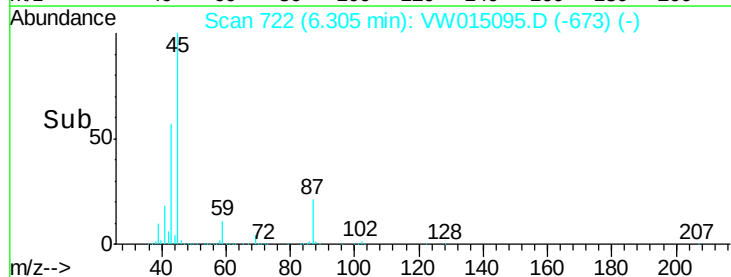
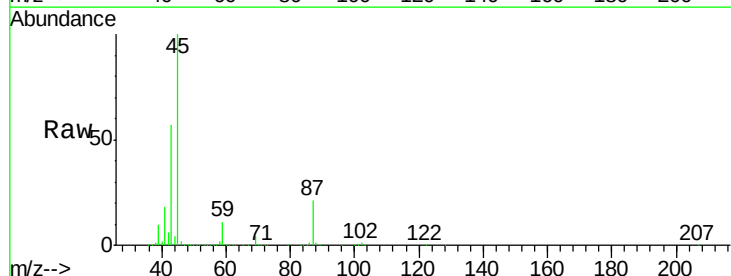
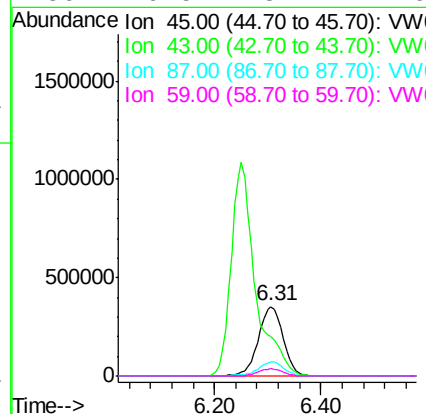
RT: 6.31 min Scan# 722

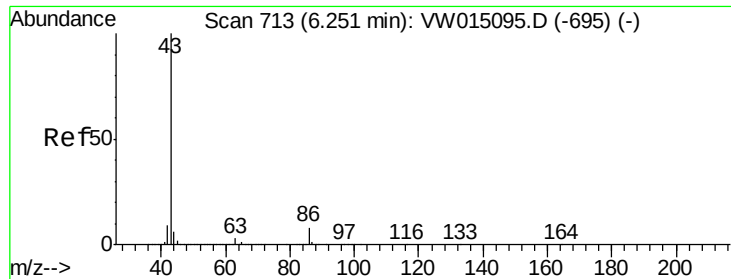
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion:	45	Resp:	1136633
Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.4	68.0
87	20.5	16.4	24.6
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 278.239 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 3464192

Ion Ratio Lower Upper

43 100

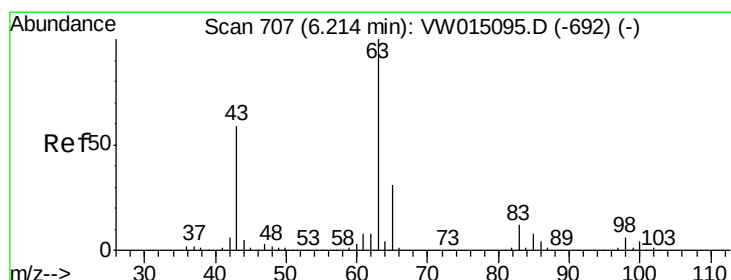
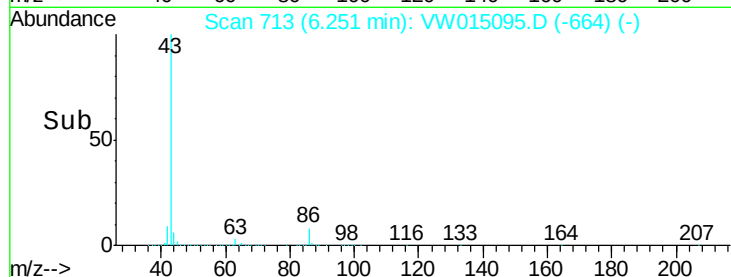
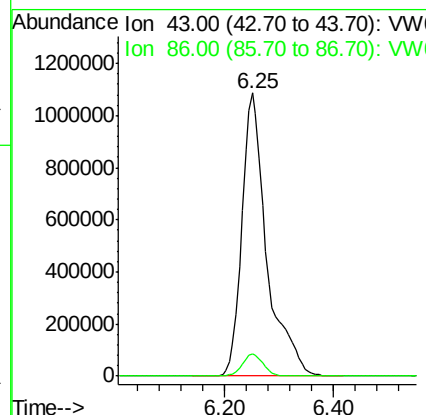
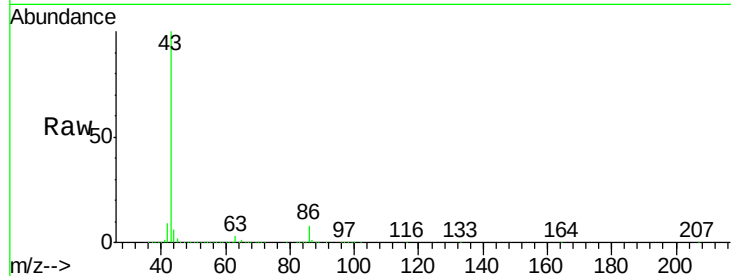
86 7.9 6.3 9.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.456 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

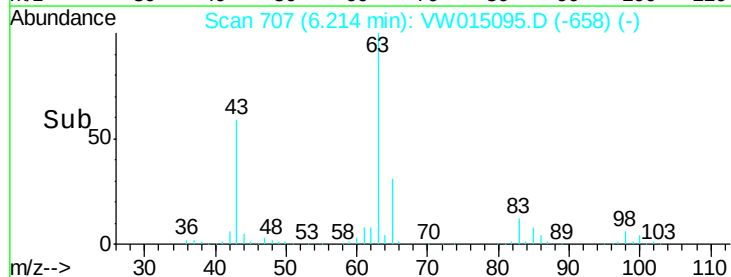
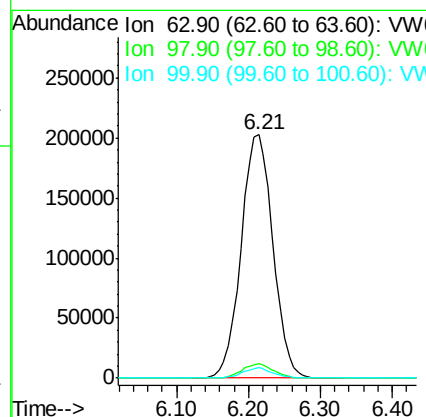
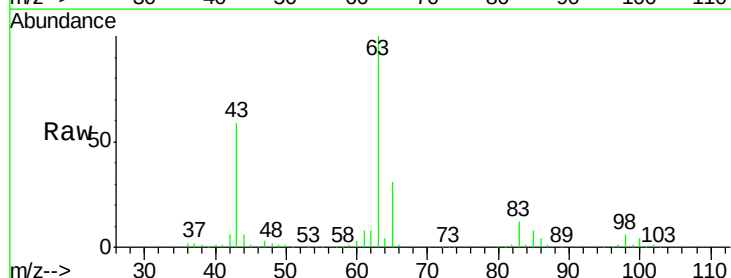
Tgt Ion: 63 Resp: 620569

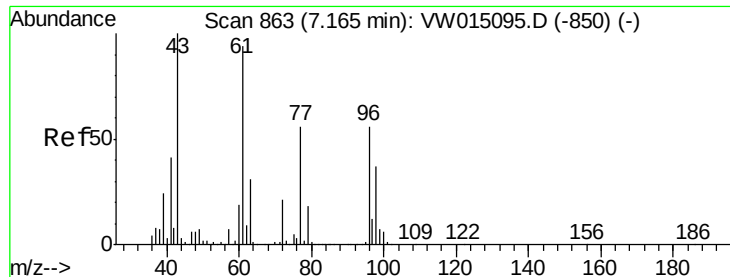
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 277.071 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 549856

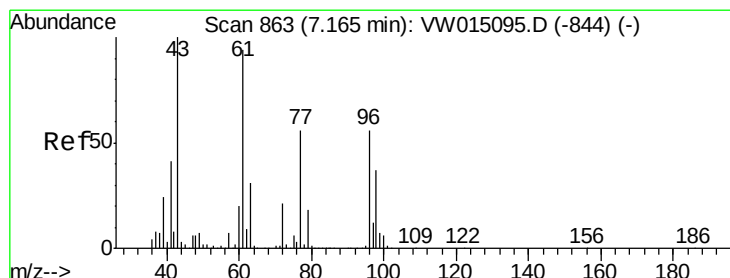
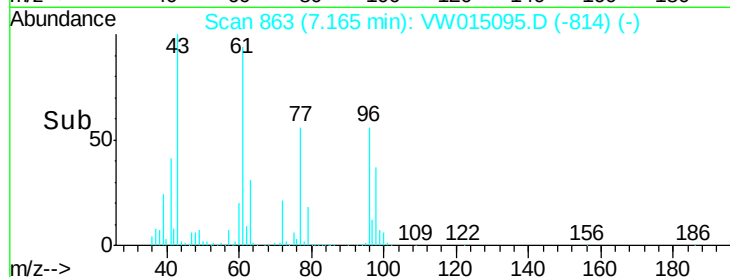
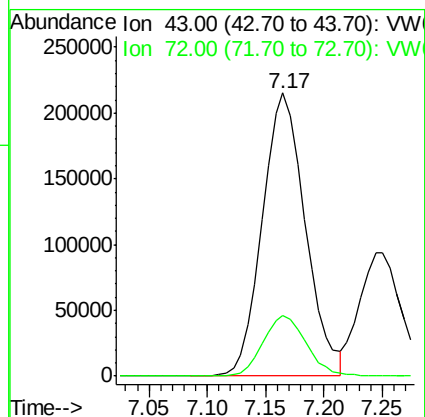
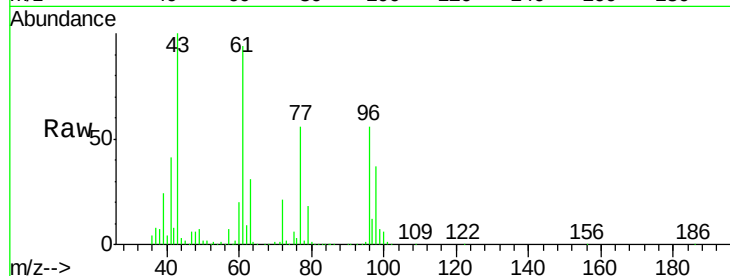
Ion Ratio Lower Upper

43 100

72 21.3 17.0 25.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 49.319 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015095.D

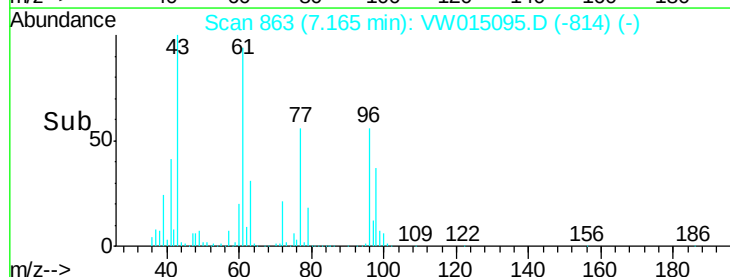
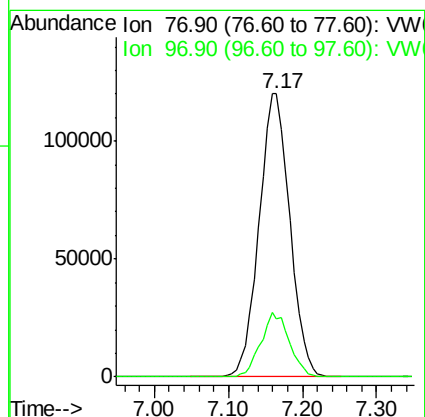
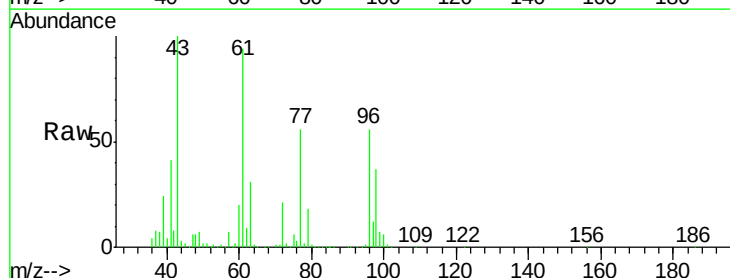
Acq: 09 Mar 2020 11:55

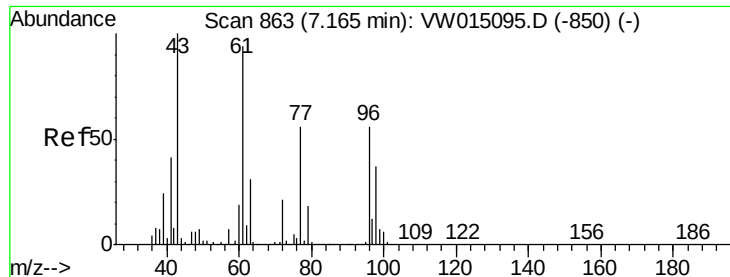
Tgt Ion: 77 Resp: 346930

Ion Ratio Lower Upper

77 100

97 21.2 10.6 31.8





#27

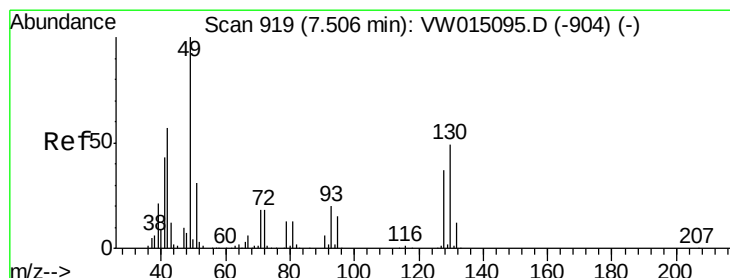
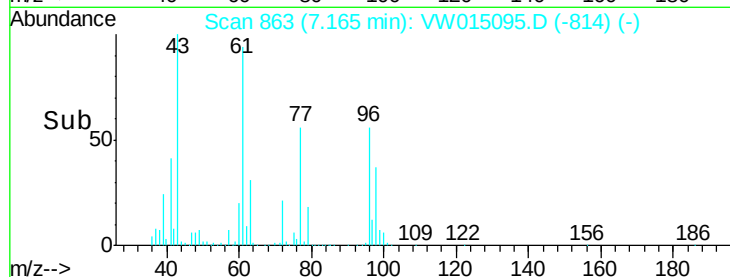
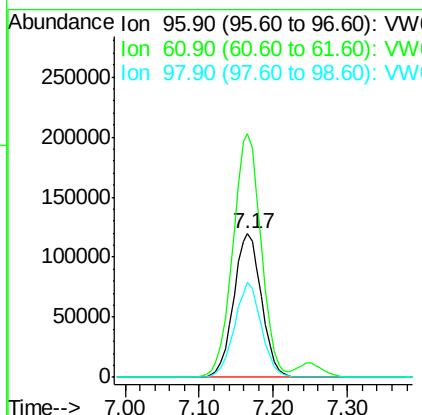
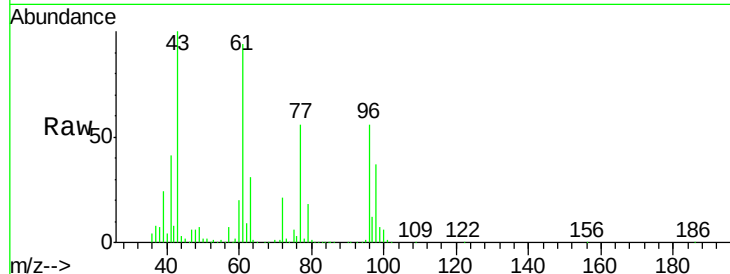
cis-1,2-Dichloroethene
Concen: 51.638 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	171.7	0.0	343.4
98	63.8	0.0	127.6

Manual Integrations
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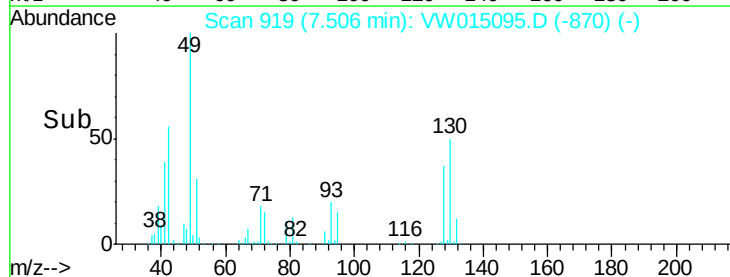
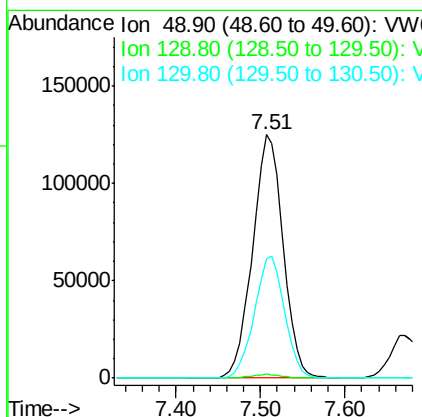
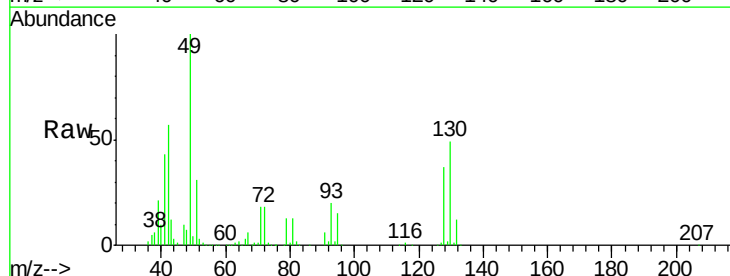
MMDadoda
3/11/2020 3:23:58 PM

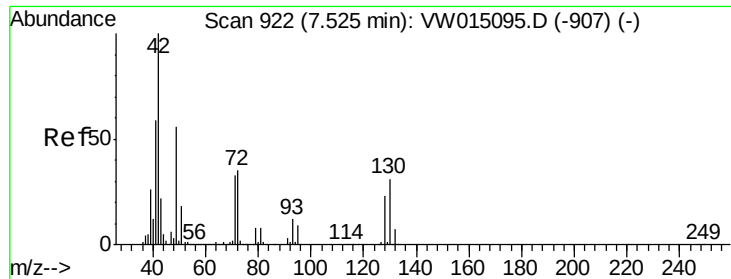


#28

Bromochloromethane
Concen: 52.786 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	49.7	39.8	59.6





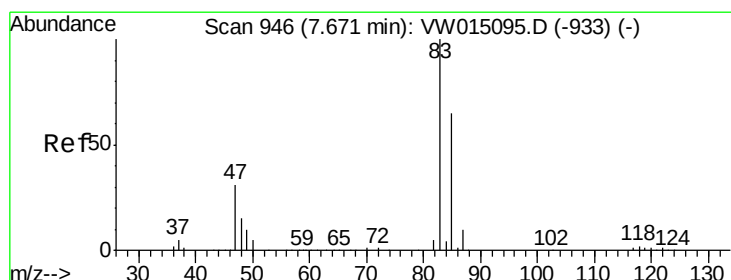
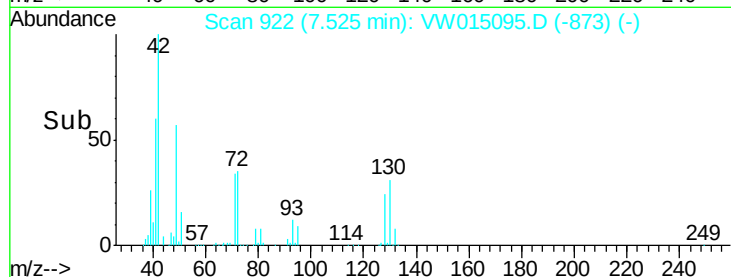
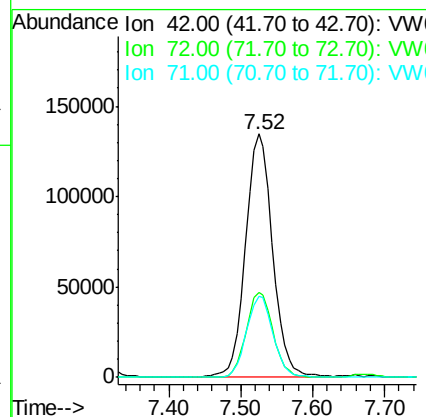
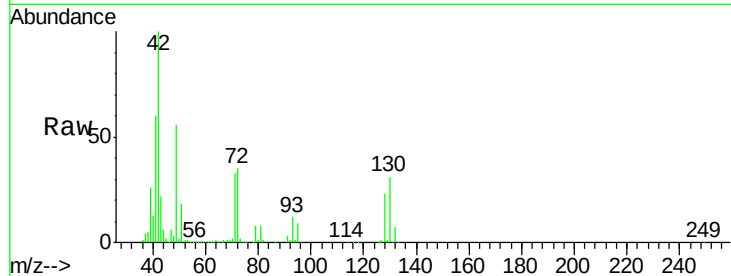
#29
Tetrahydrofuran
Concen: 282.071 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.7	27.8	41.6
71	33.0	26.4	39.6

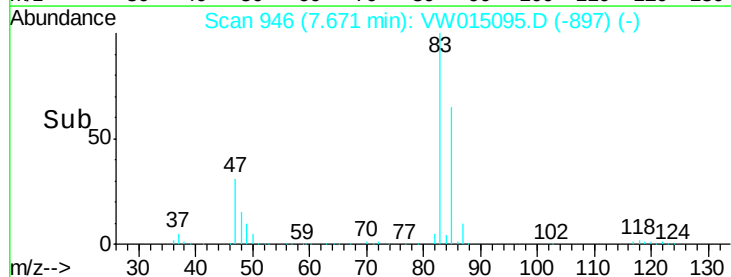
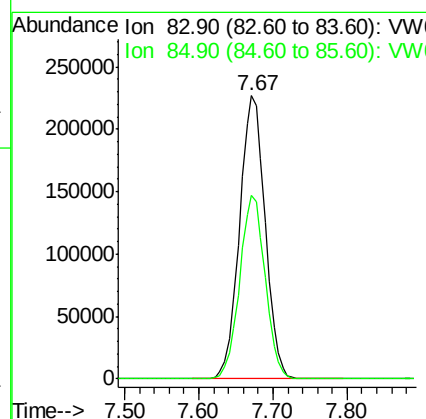
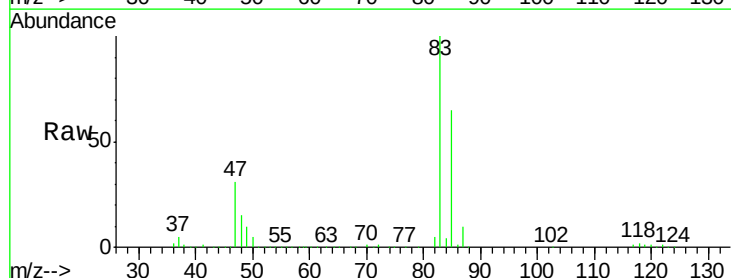
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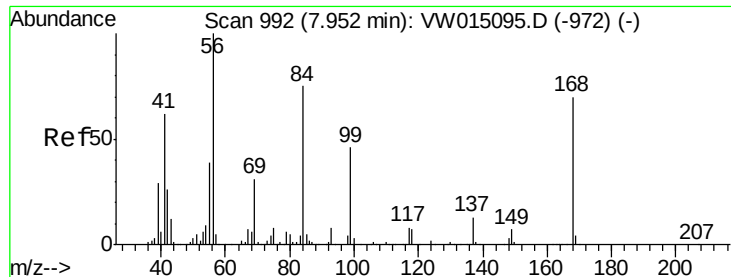
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3/11/2020 3:23:58 PM



#30
Chloroform
Concen: 50.149 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





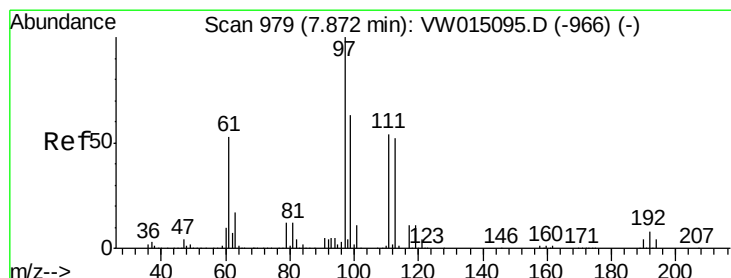
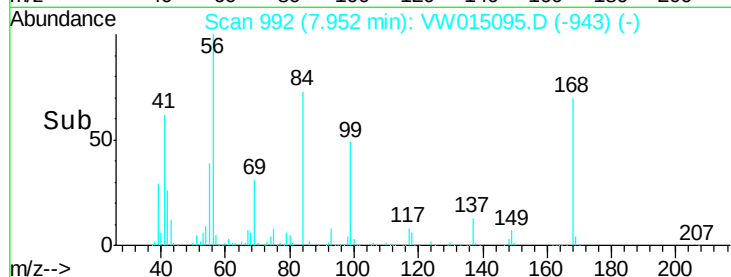
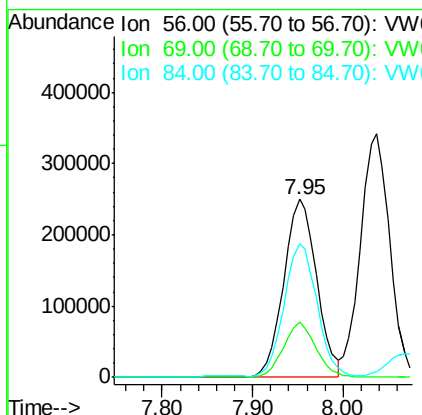
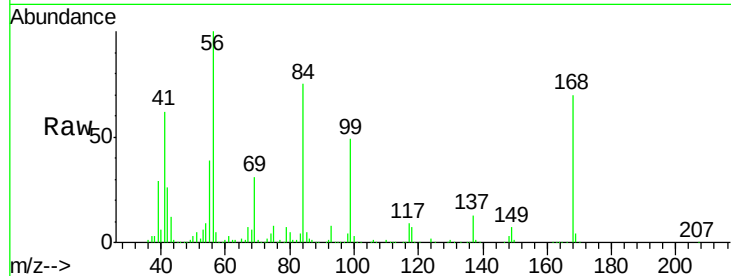
#31
Cyclohexane
Concen: 49.806 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	37.0
84	74.9	59.9	89.9

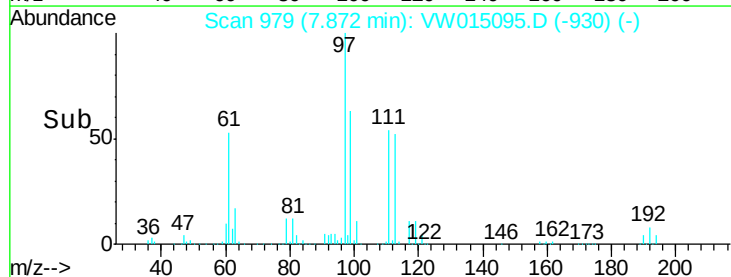
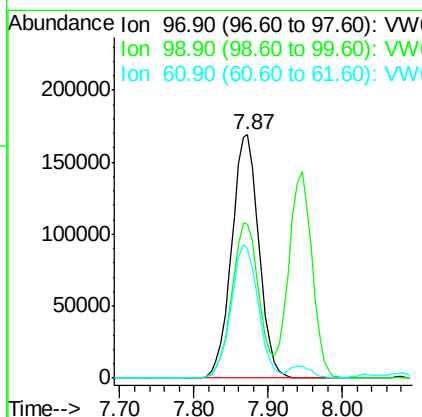
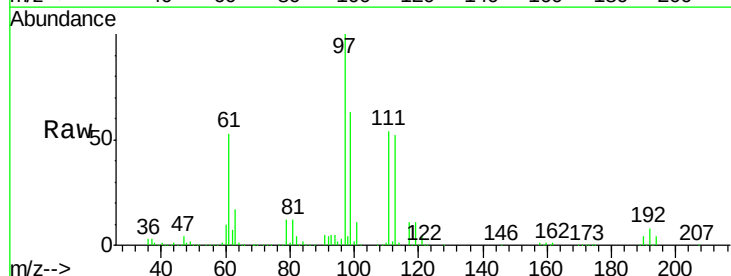
Manual Integrations
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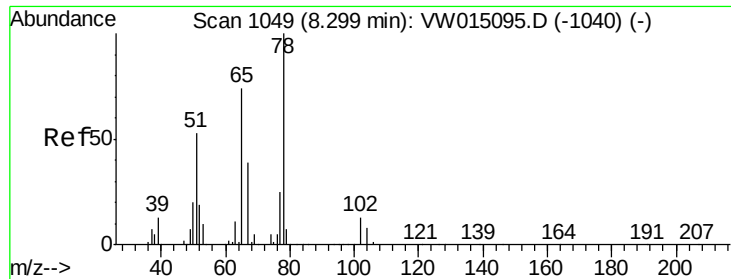
MMDadoda
3/11/2020 3:23:58 PM



#32
1,1,1-Trichloroethane
Concen: 50.712 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	55.0	44.0	66.0





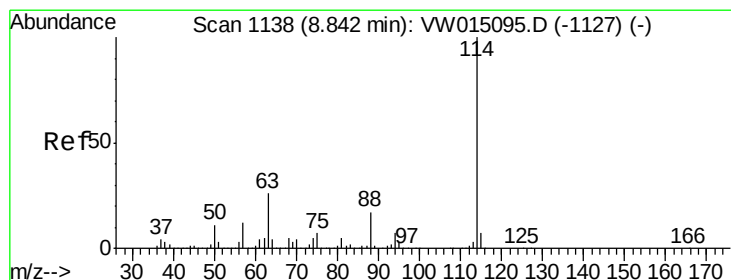
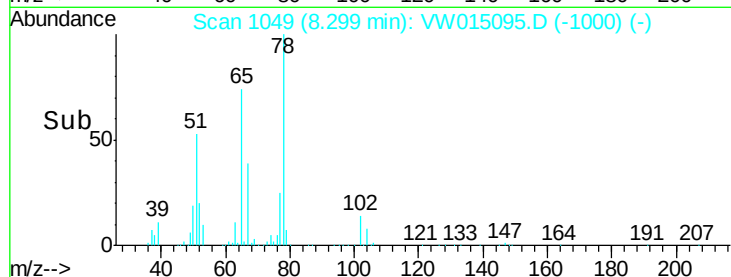
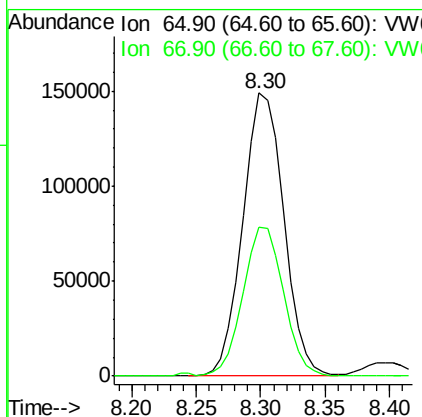
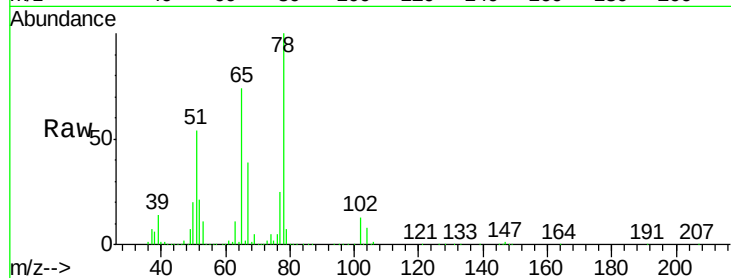
#33
 1,2-Dichloroethane-d4
 Concen: 51.813 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.5	0.0	105.0	

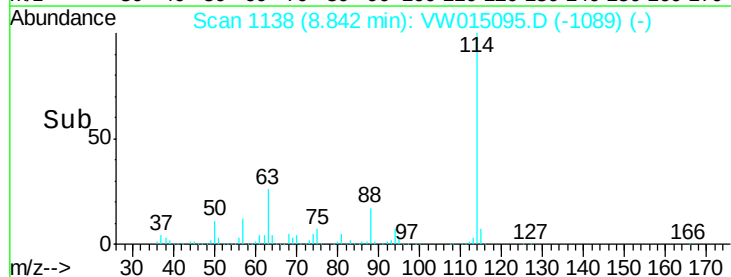
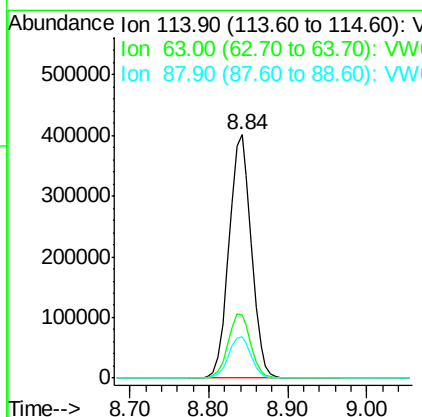
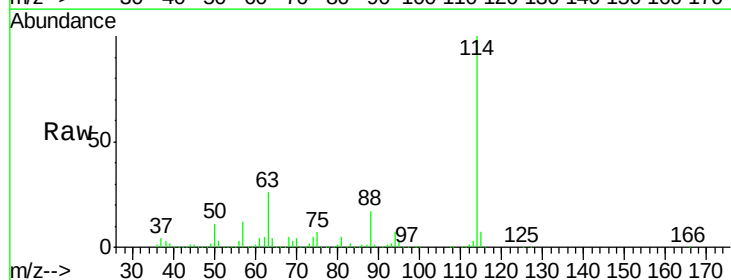
Manual Integrations
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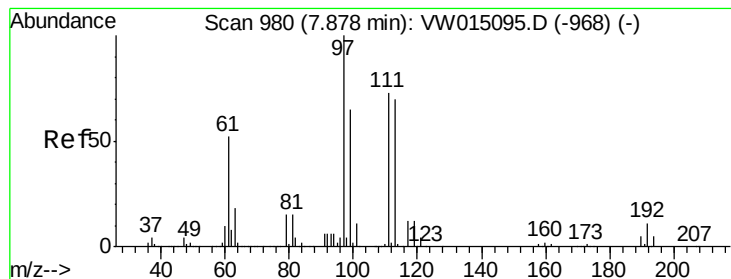
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	26.0	0.0	52.0	
88	17.1	0.0	34.2	





#35

Dibromofluoromethane

Concen: 52.087 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

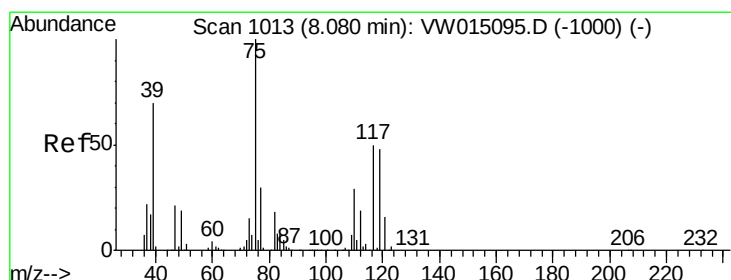
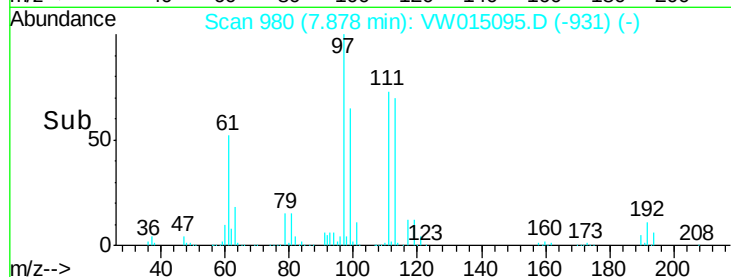
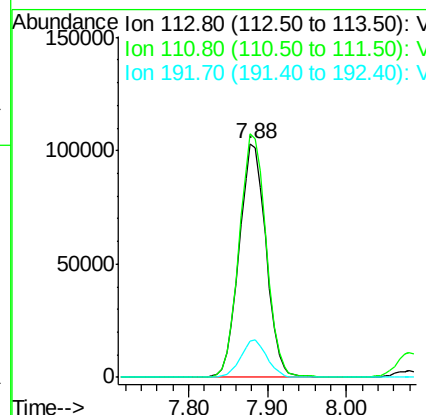
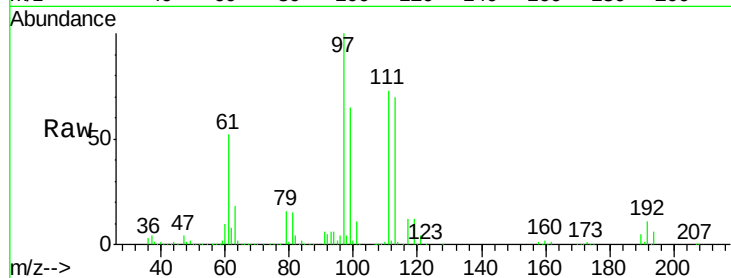
ClientSampled :

VSTDICCC050

Tot Ion:	113	Resp:	244647
Ion Ratio	Lower	Upper	
113	100		
111	104.5	83.6	125.4
192	15.5	12.4	18.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.605 ug/l

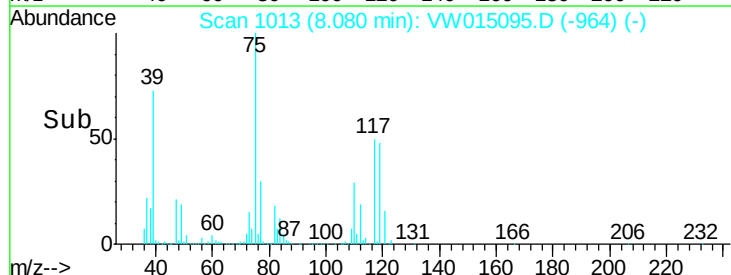
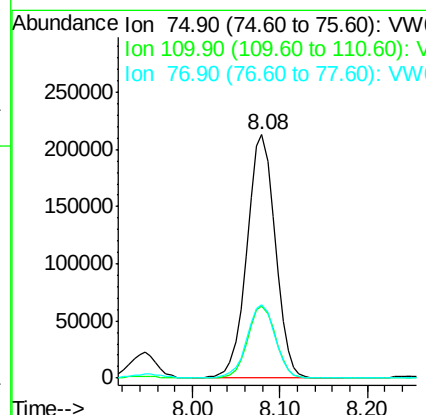
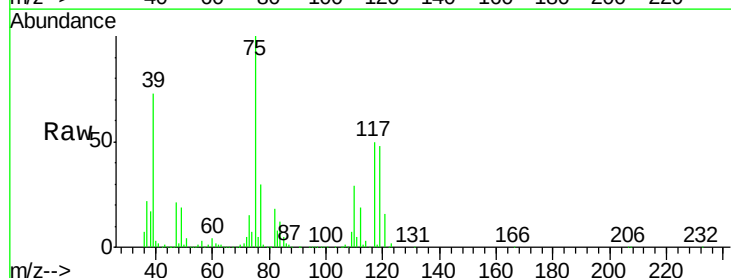
RT: 8.08 min Scan# 1013

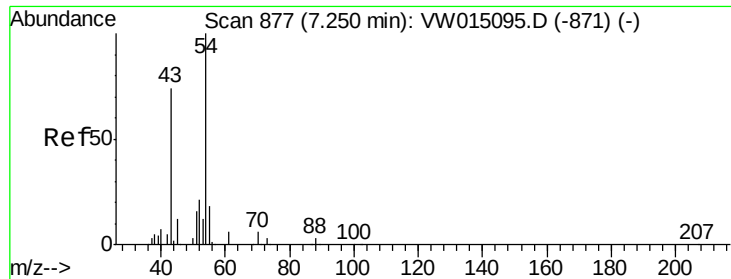
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion:	75	Resp:	478611
Ion Ratio	Lower	Upper	
75	100		
110	29.4	14.7	44.1
77	30.3	24.2	36.4





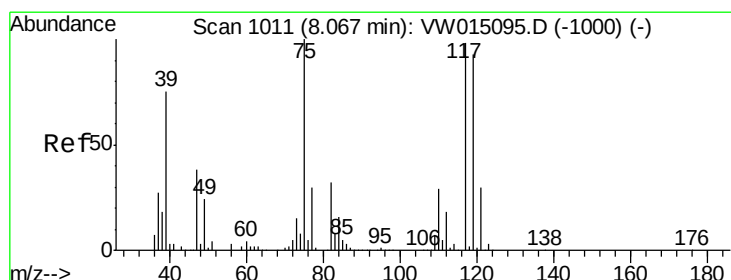
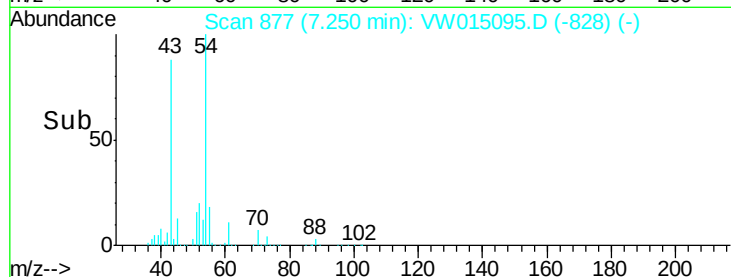
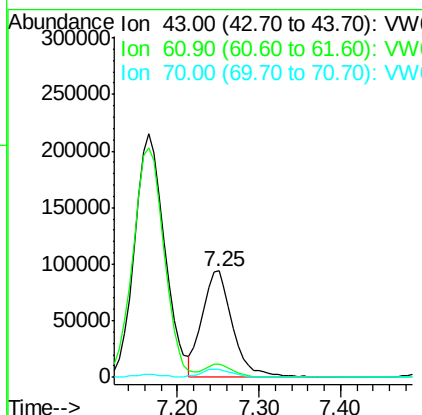
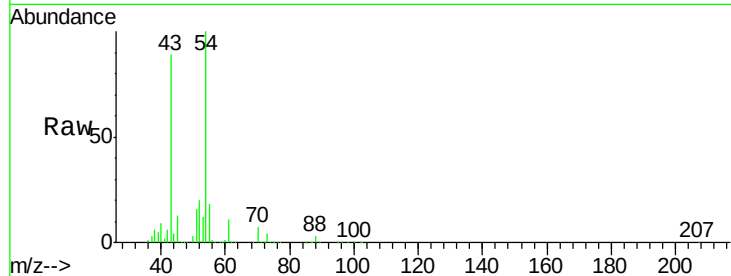
#37
Ethyl Acetate
Concen: 53.212 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.6	14.4
70	8.1	6.5	9.7

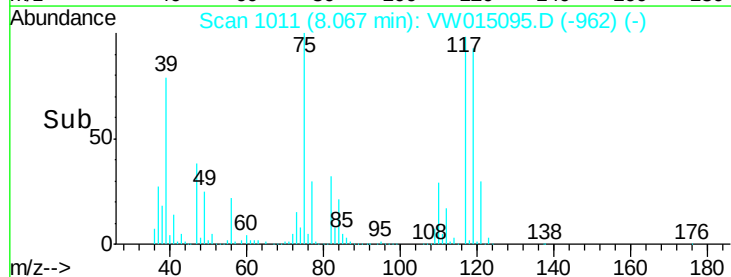
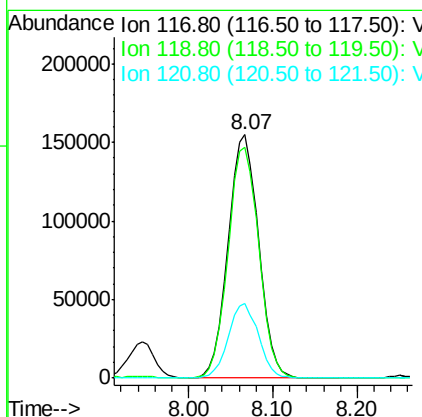
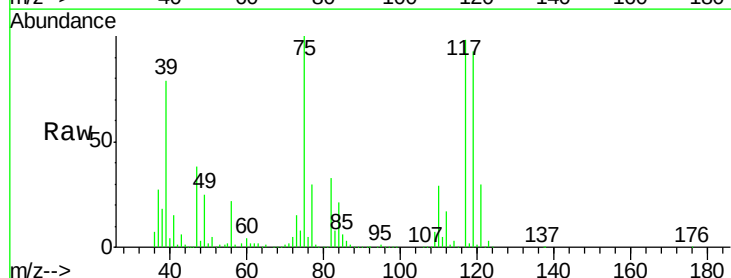
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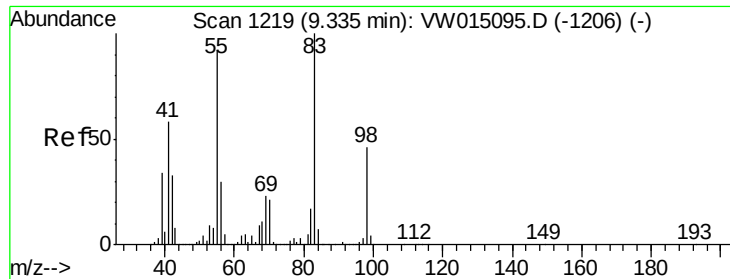
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3/11/2020 3:23:58 PM



#38
Carbon Tetrachloride
Concen: 51.281 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
121	30.6	24.5	36.7





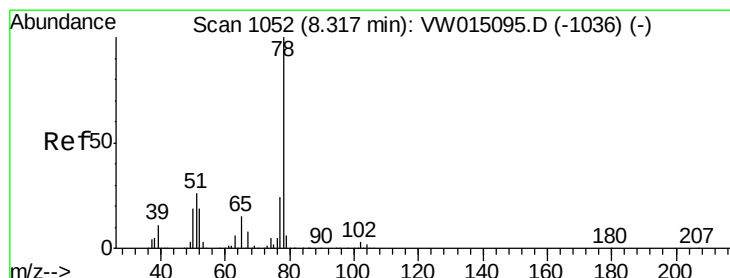
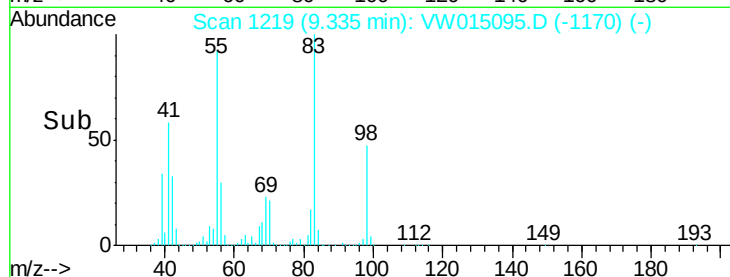
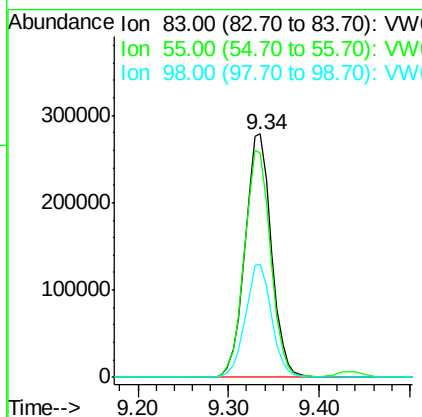
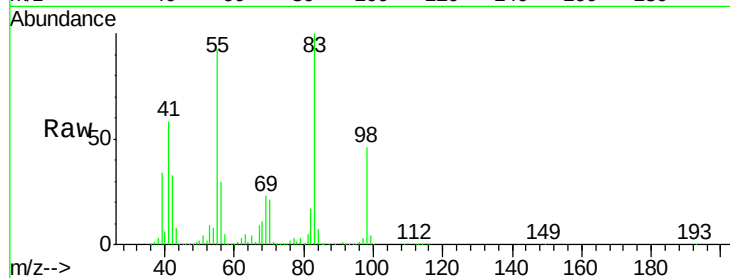
#39
Methylvlcyclohexane
Concen: 53.866 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.9	73.5	110.3
98	46.5	37.2	55.8

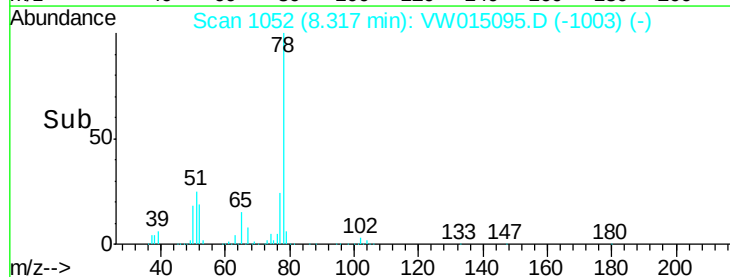
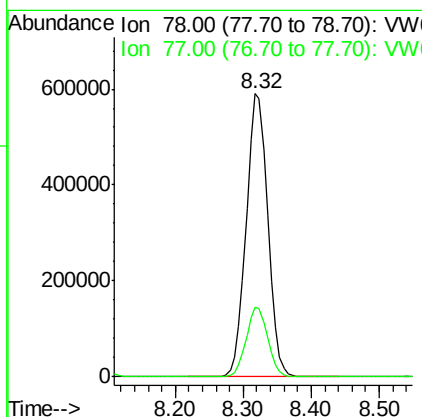
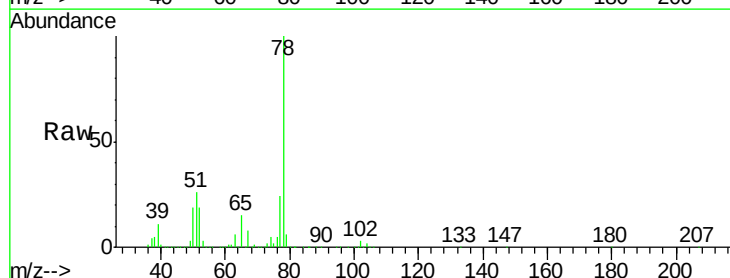
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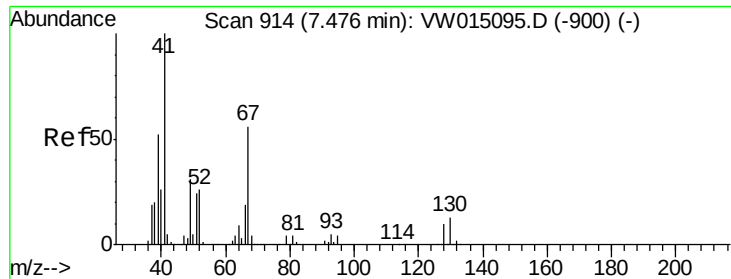
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#40
Benzene
Concen: 51.622 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





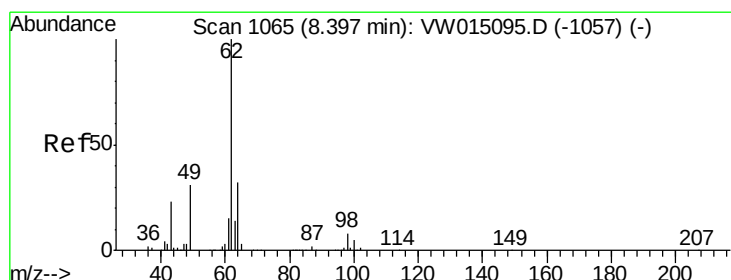
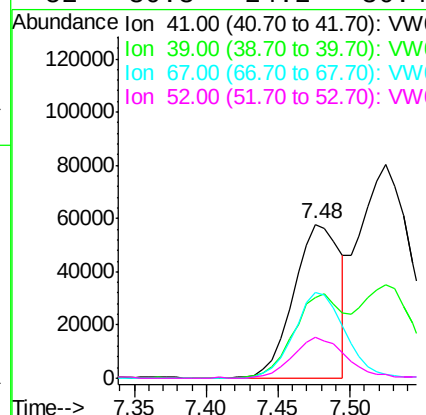
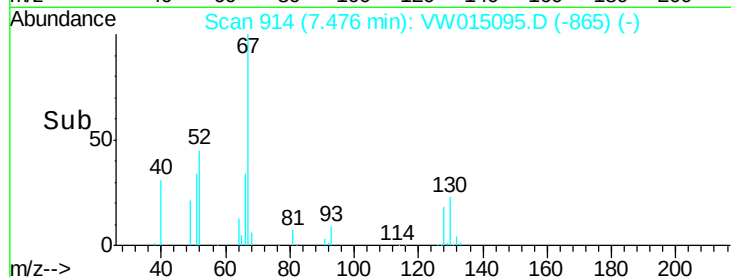
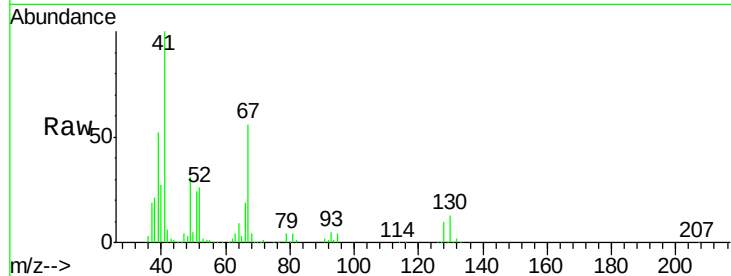
#41
Methacrylonitrile
Concen: 53.750 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	41	Resp	128899
Ion Ratio	Lower	Upper	
41	100		
39	61.2	49.0	73.4
67	63.0	50.4	75.6
52	30.3	24.2	36.4

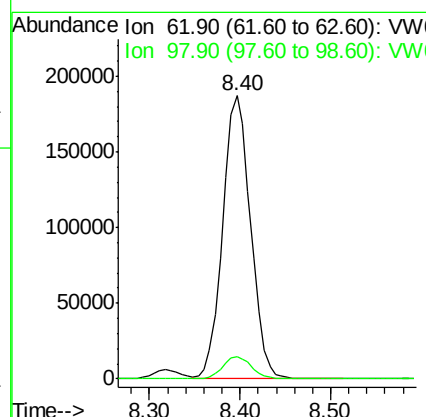
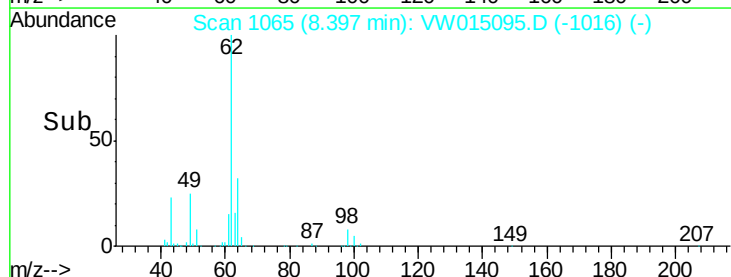
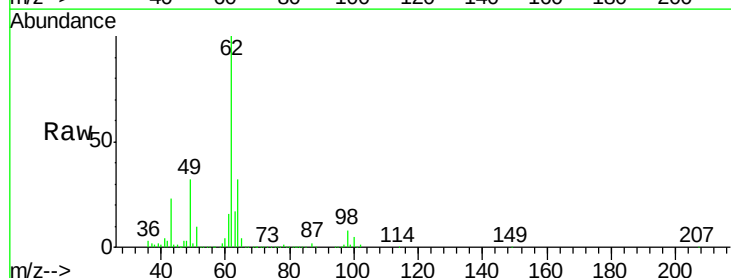
Manual Integrations
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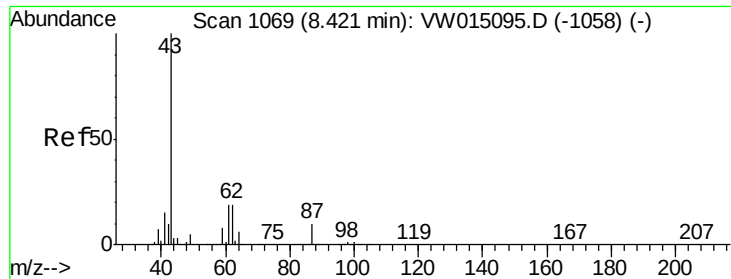
MMDadoda
3/11/2020 3:23:58 PM



#42
1,2-Dichloroethane
Concen: 51.965 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	62	Resp	400284
Ion Ratio	Lower	Upper	
62	100		
98	8.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 54.476 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

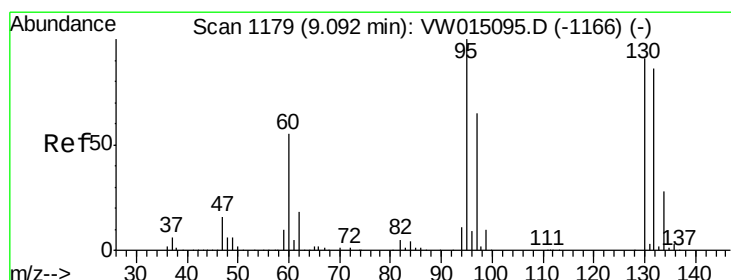
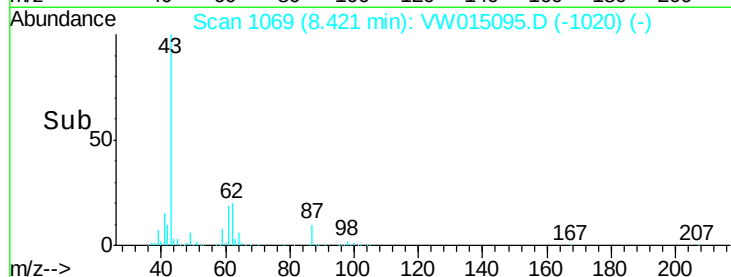
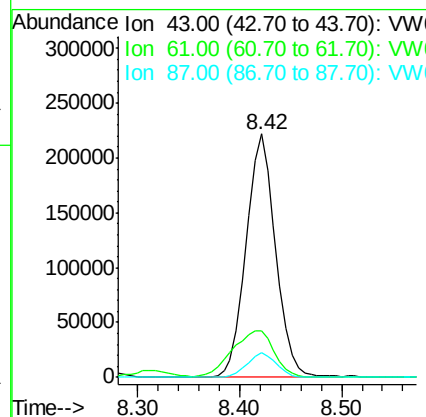
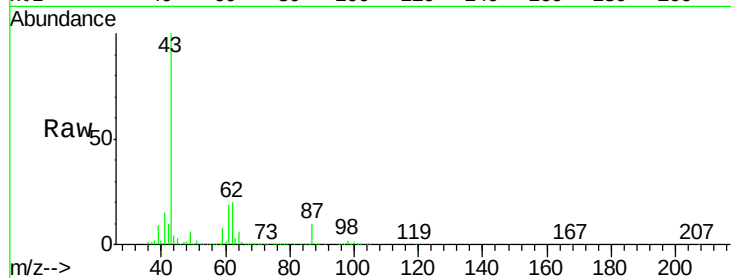
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	442844
Ion	Ratio	Lower	Upper
43	100		
61	27.3	21.8	32.8
87	10.0	8.0	12.0

Manual Integrations
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3/11/2020 3:23:58 PM



#44

Trichloroethene

Concen: 51.228 ug/l

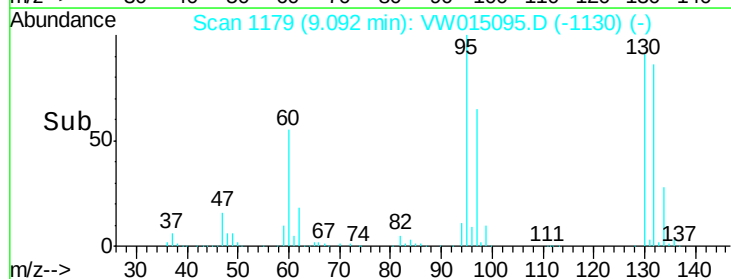
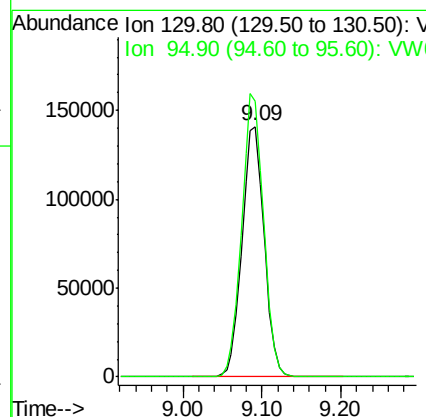
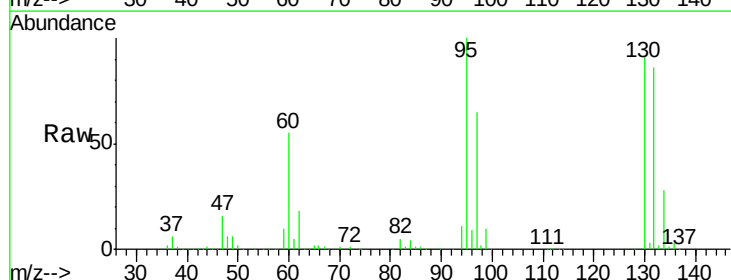
RT: 9.09 min Scan# 1179

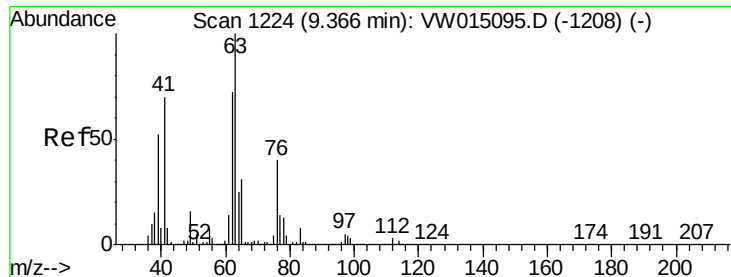
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion:	130	Resp:	275707
Ion	Ratio	Lower	Upper
130	100		
95	109.9	0.0	219.8





#45

1,2-Dichloropropane

Concen: 52.060 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 354482

Ion Ratio Lower Upper

63 100

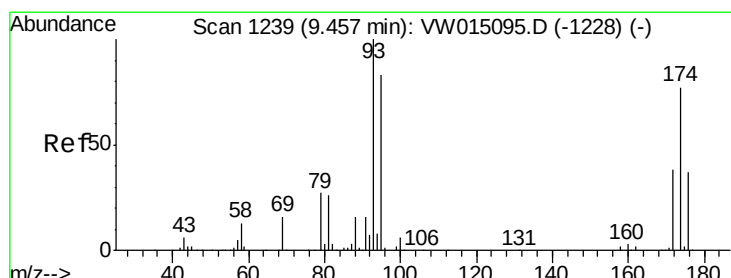
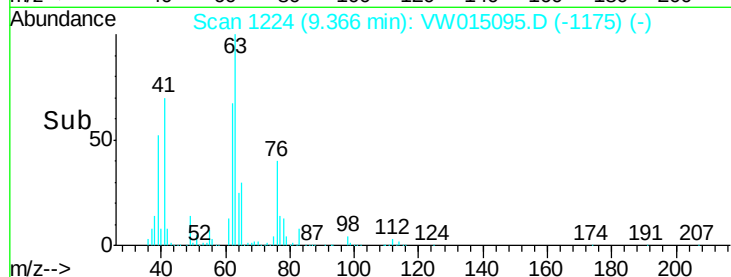
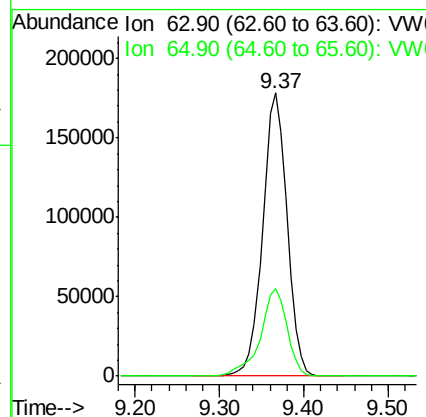
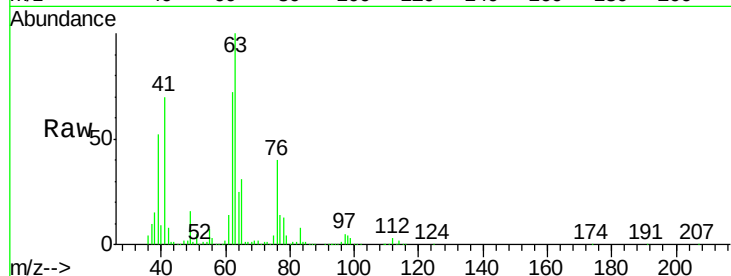
65 30.7 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.539 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

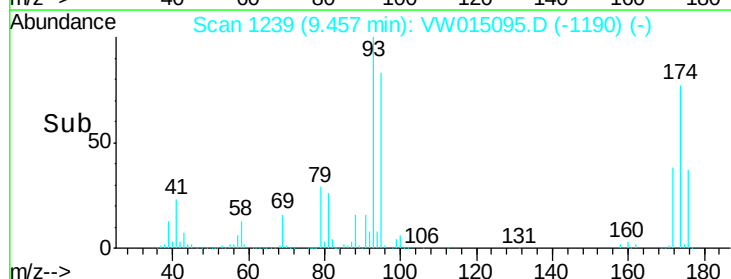
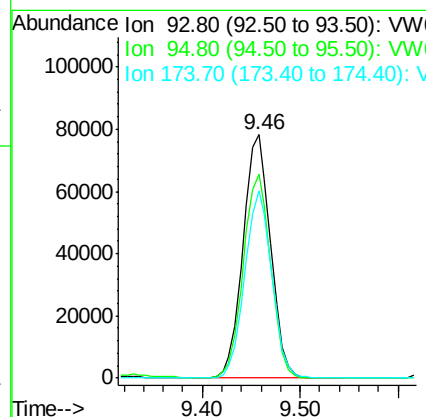
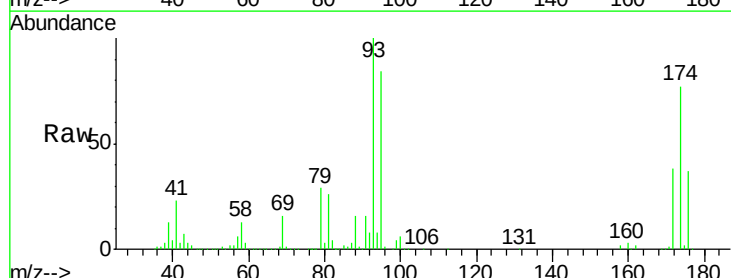
Tgt Ion: 93 Resp: 152592

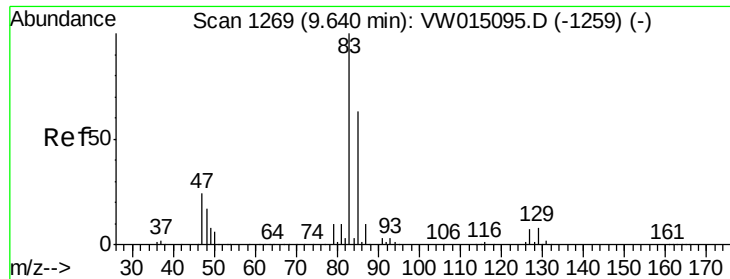
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 75.8 60.6 91.0





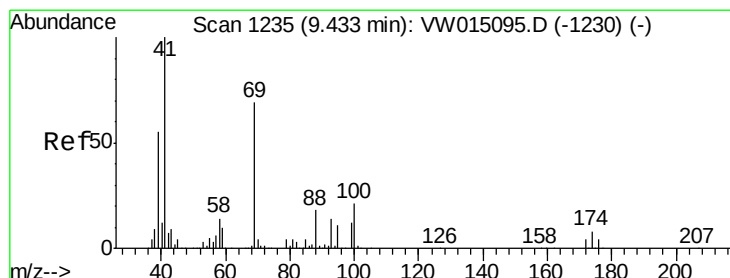
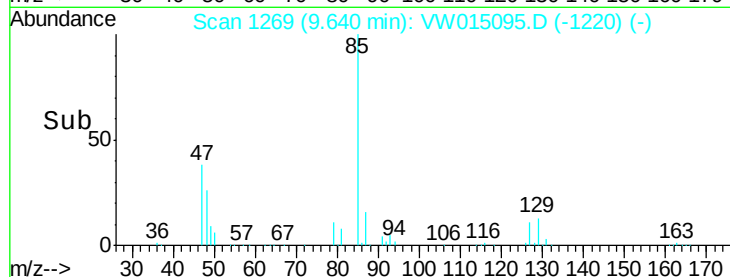
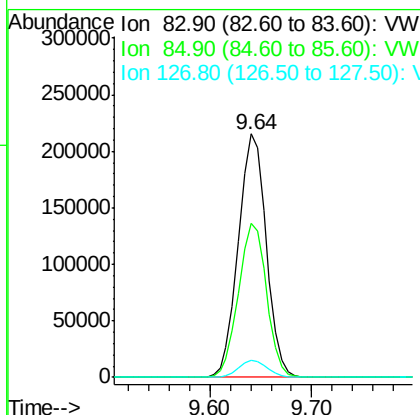
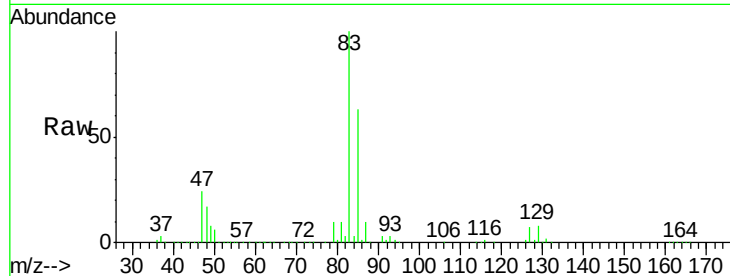
#47
Bromodichloromethane
Concen: 51.666 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	408403
Ion Ratio	100	Lower	Upper
85	63.4	50.7	76.1
127	6.9	5.5	8.3

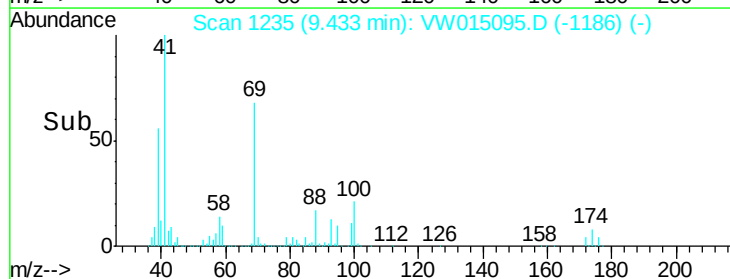
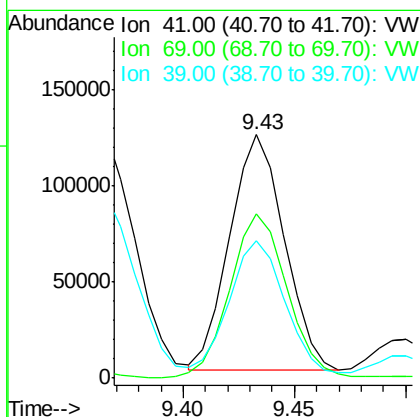
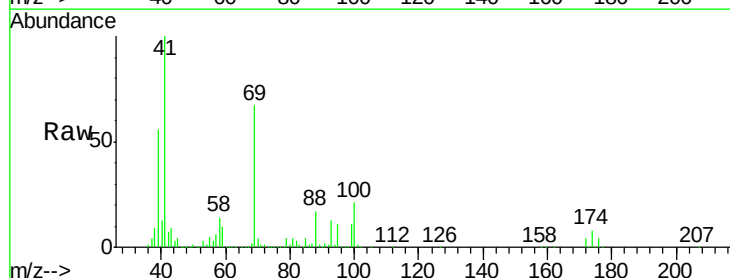
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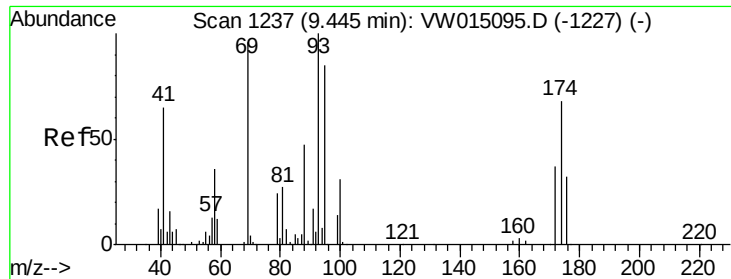
MMDadoda
3/11/2020 3:23:58 PM



#48
Methyl methacrylate
Concen: 55.634 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	41	Resp	208725
Ion Ratio	100	Lower	Upper
69	73.4	58.7	88.1
39	56.4	45.1	67.7





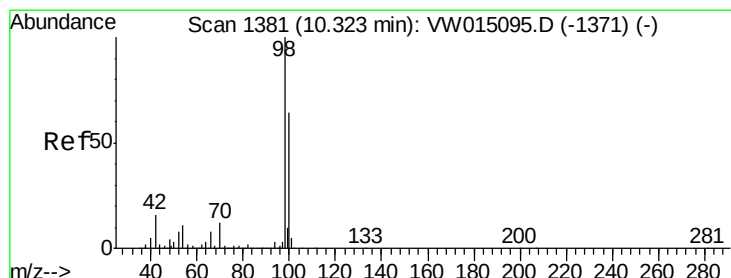
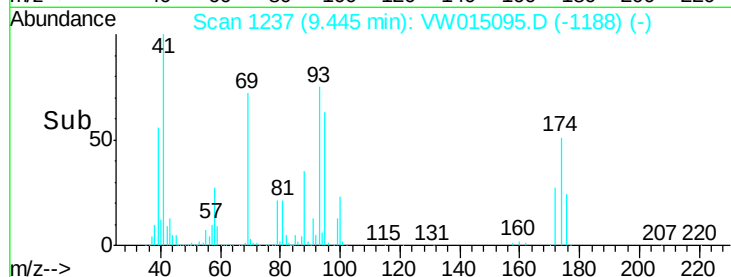
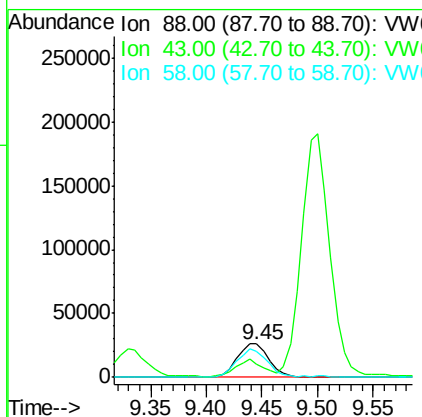
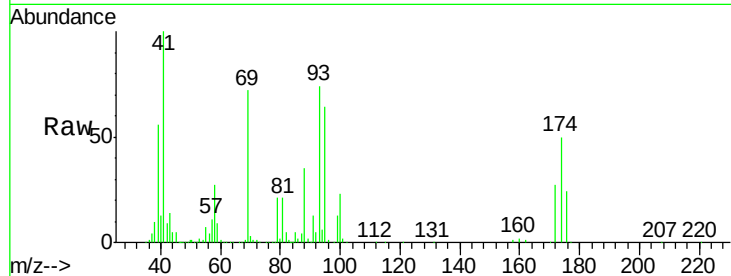
#49
1,4-Dioxane
Concen: 1170.134 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	53042
Ion Ratio	Lower	Upper	
88	100		
43	44.8	35.8	53.8
58	80.0	64.0	96.0

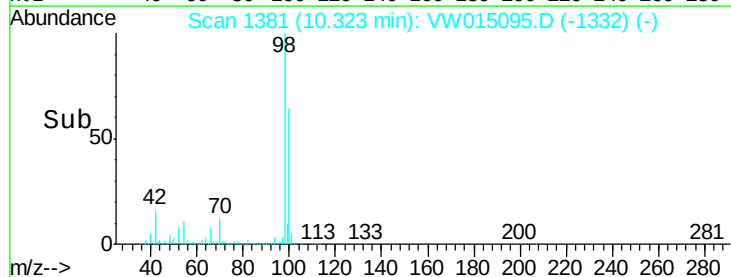
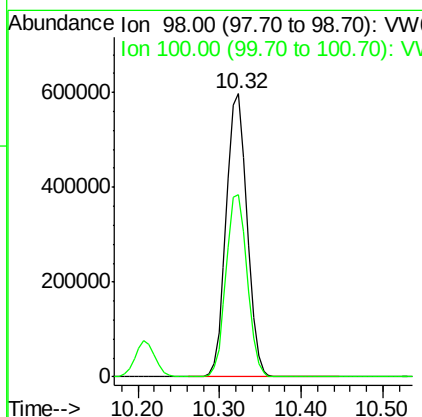
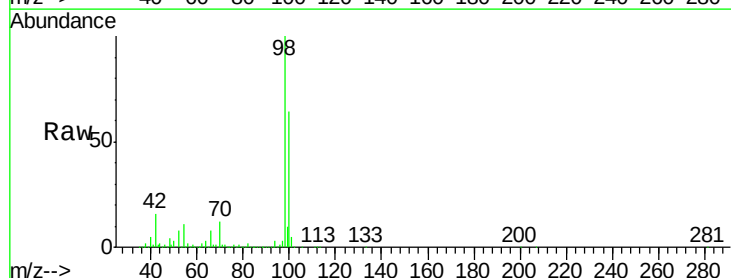
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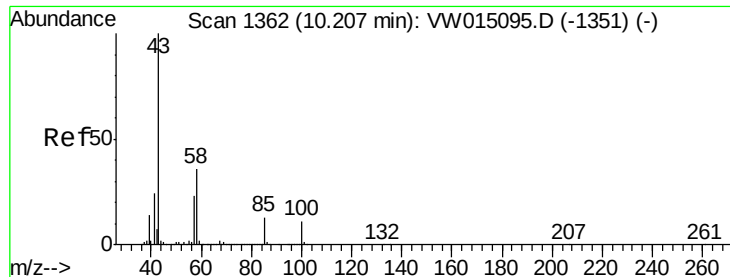
MMDadoda
3/11/2020 3:23:58 PM



#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	98	Resp	1055309
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.2	78.2





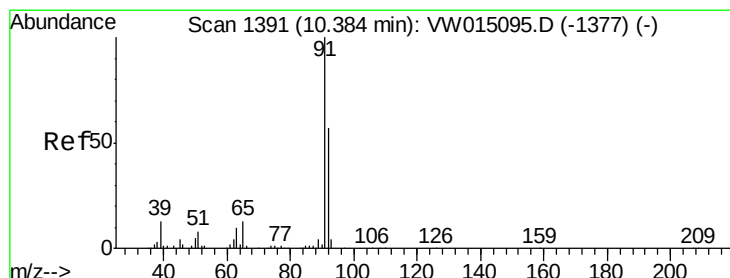
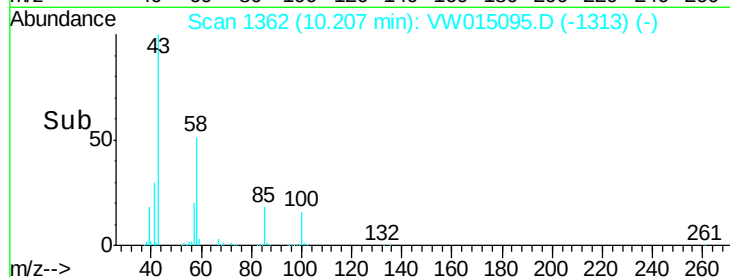
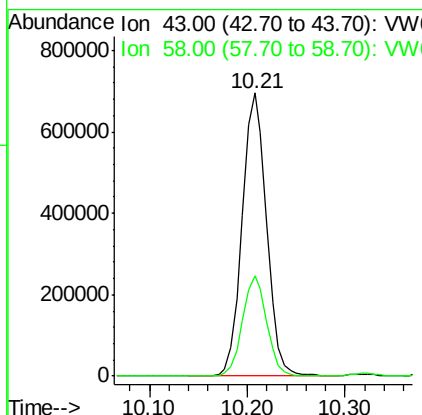
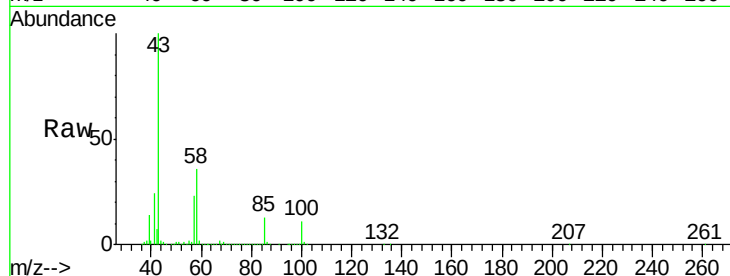
#51
 4-Methyl-2-Pentanone
 Concen: 267.344 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1200407
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.0 42.0

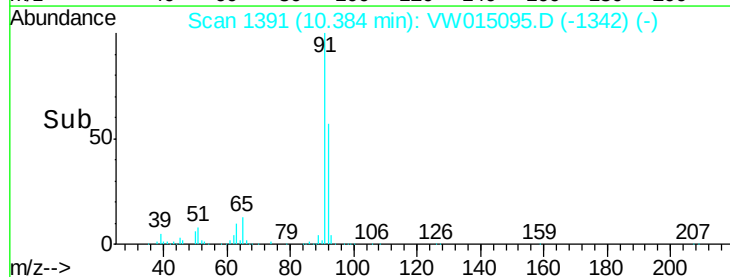
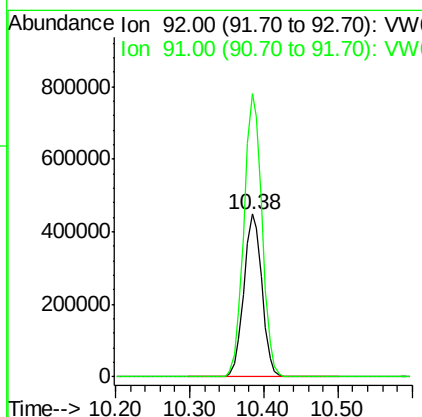
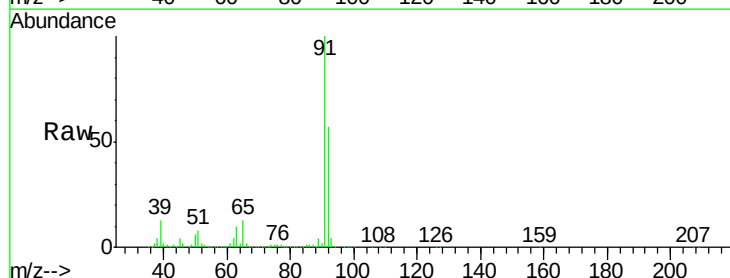
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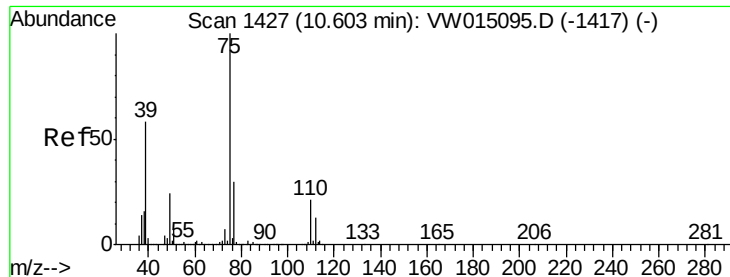
MMDadoda
 3/11/2020 3:23:58 PM



#52
 Toluene
 Concen: 52.855 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion: 92 Resp: 767701
 Ion Ratio Lower Upper
 92 100
 91 173.6 138.9 208.3





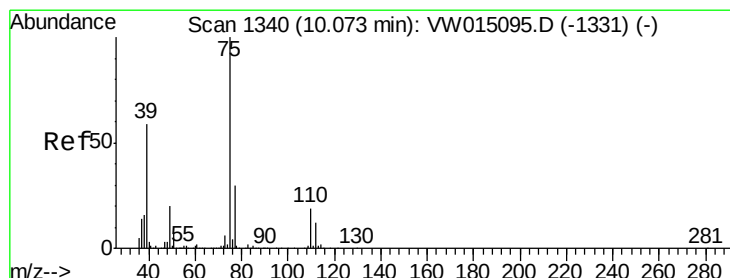
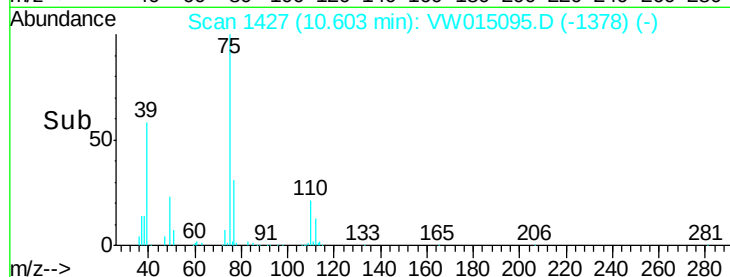
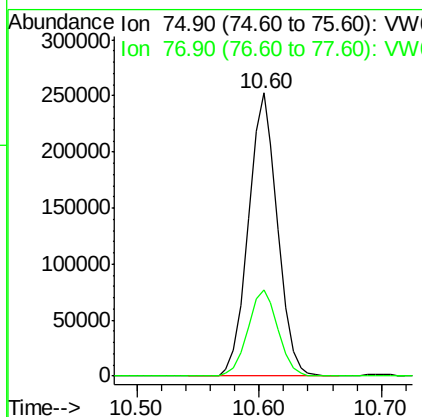
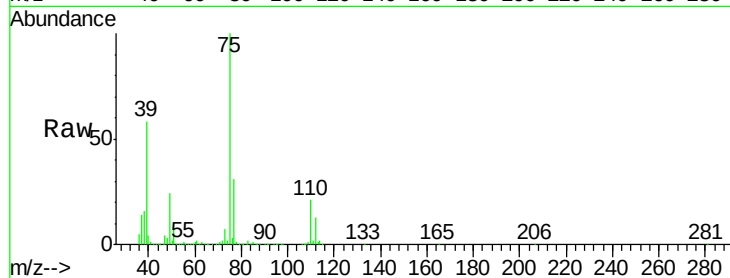
#53
t-1,3-Dichloropropene
Concen: 53.571 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	75	Resp	416593
Ion Ratio	100	Lower	Upper
77	30.5	24.4	36.6

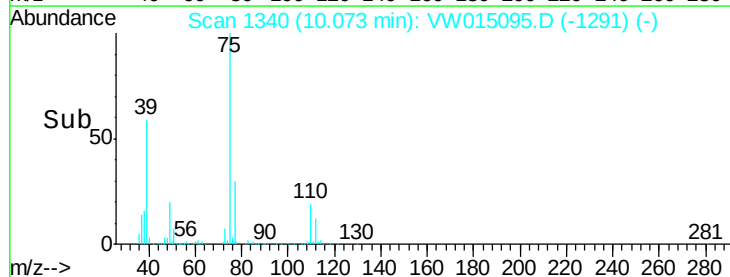
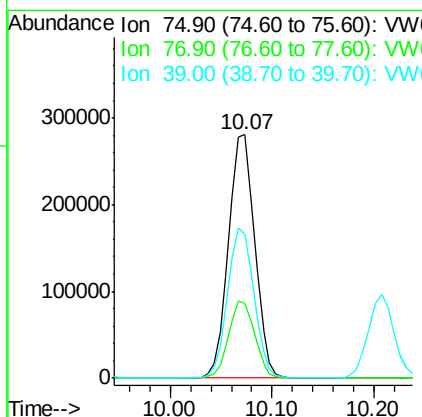
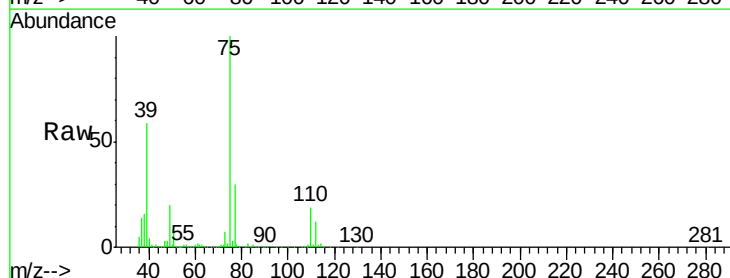
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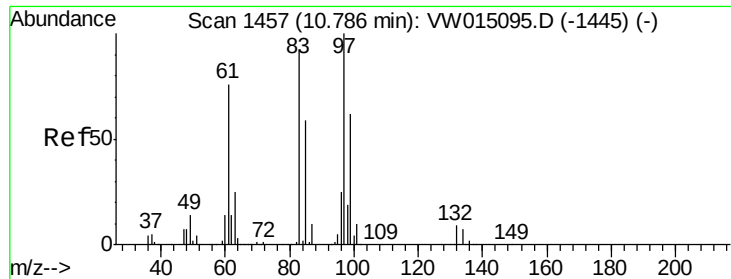
MMDadoda
3/11/2020 3:23:58 PM



#54
cis-1,3-Dichloropropene
Concen: 52.870 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	75	Resp	500847
Ion Ratio	100	Lower	Upper
77	30.4	24.3	36.5
39	58.8	47.0	70.6





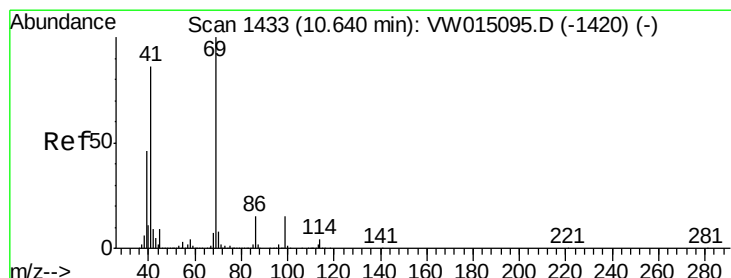
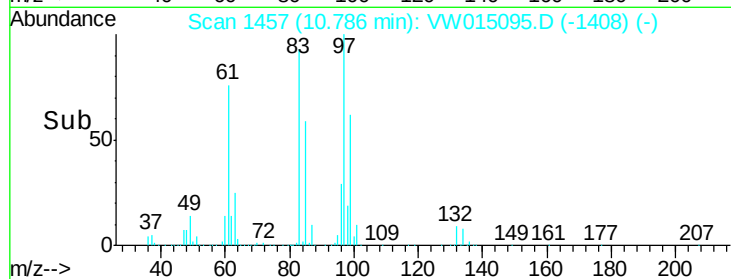
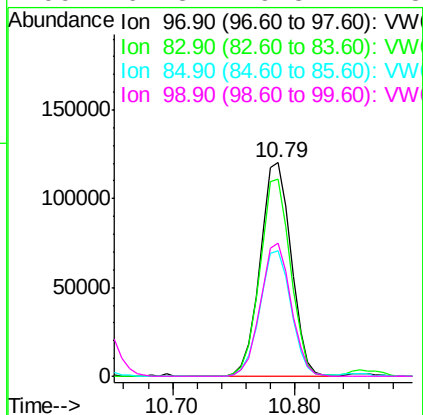
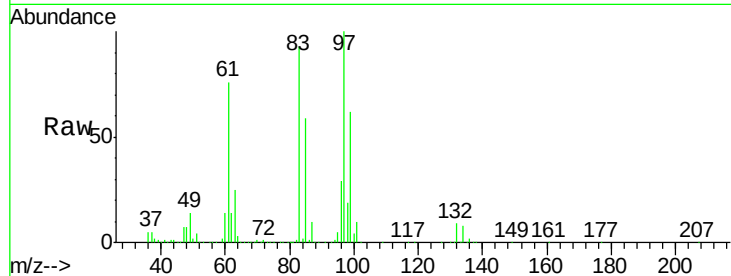
#55
 1,1,2-Trichloroethane
 Concen: 52.587 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	97	Resp	213340
Ion	Ratio	Lower	Upper
97	100		
83	92.5	74.0	111.0
85	58.6	46.9	70.3
99	62.3	49.8	74.8

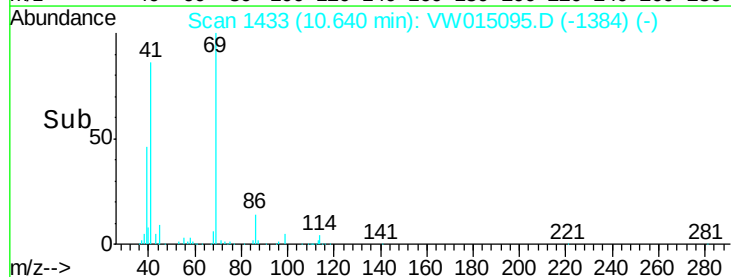
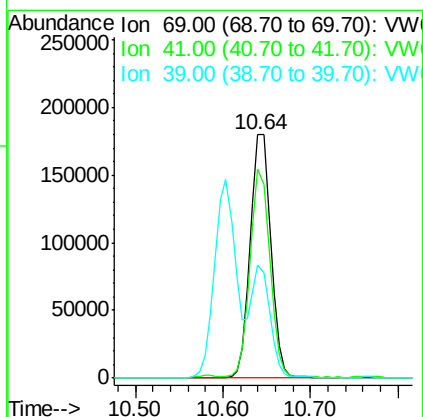
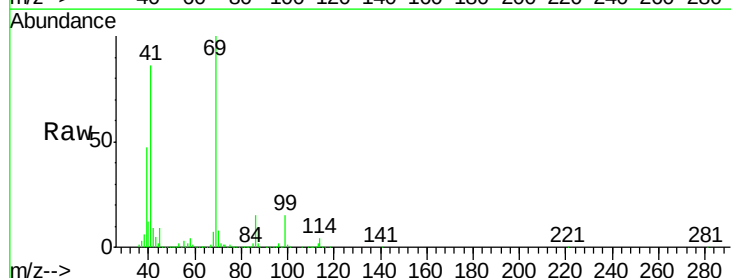
Manual Integrations
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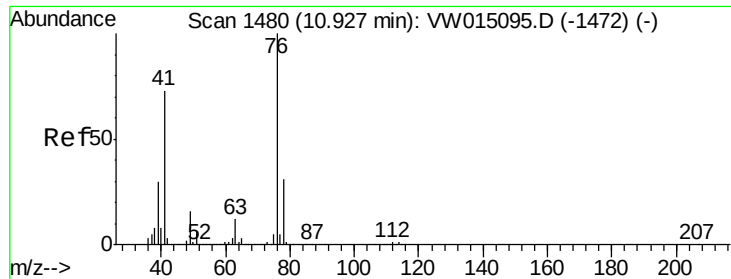
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#56
 Ethyl methacrylate
 Concen: 56.531 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	69	Resp	295921
Ion	Ratio	Lower	Upper
69	100		
41	82.2	65.8	98.6
39	39.0	31.2	46.8





#57

1,3-Dichloropropane

Concen: 53.219 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 411043

Ion Ratio Lower Upper

76 100

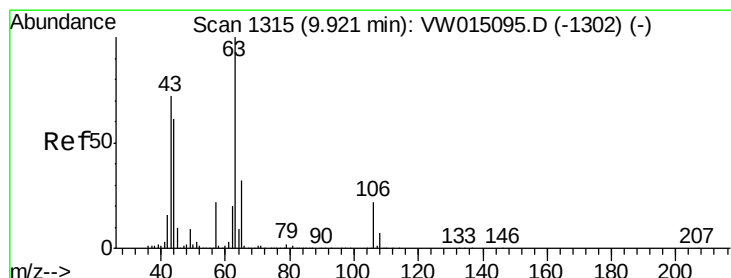
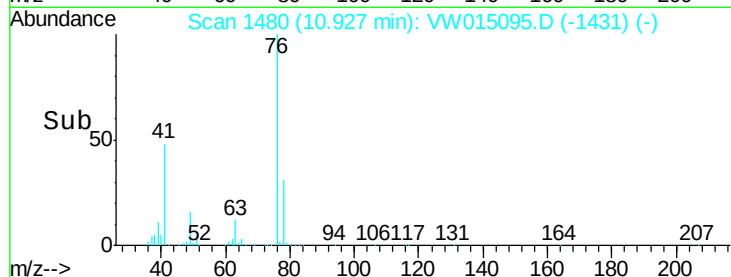
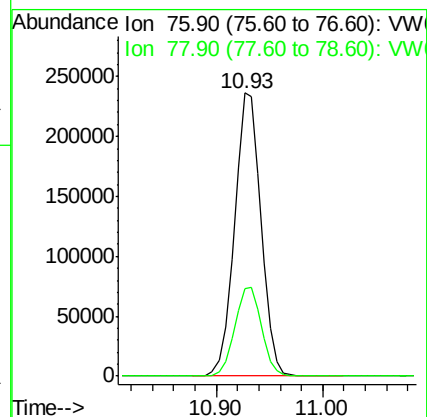
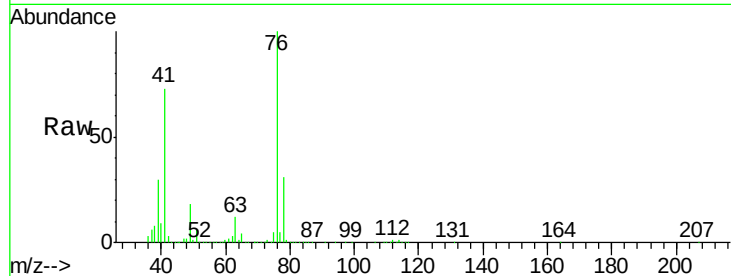
78 31.6 25.3 37.9

Manual Integrations

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3/11/2020 3:23:58 PM



#58

2-Chloroethyl Vinyl ether

Concen: 281.692 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW015095.D

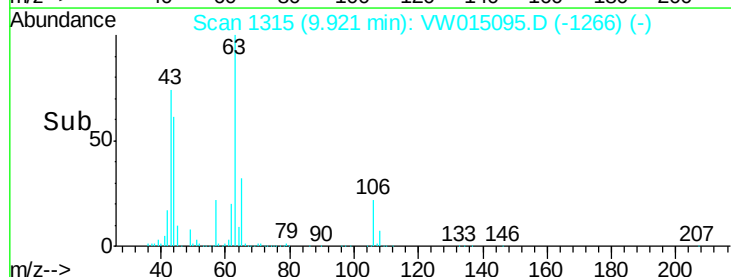
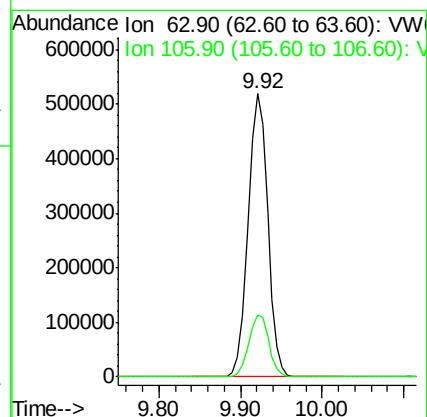
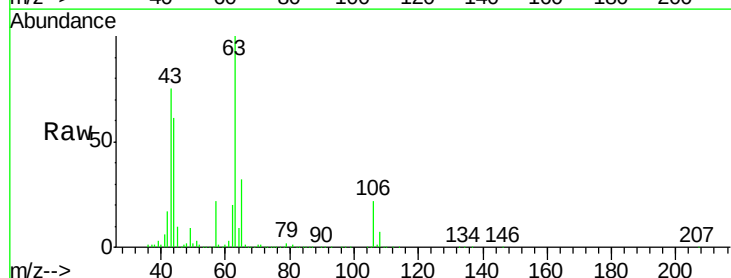
Acq: 09 Mar 2020 11:55

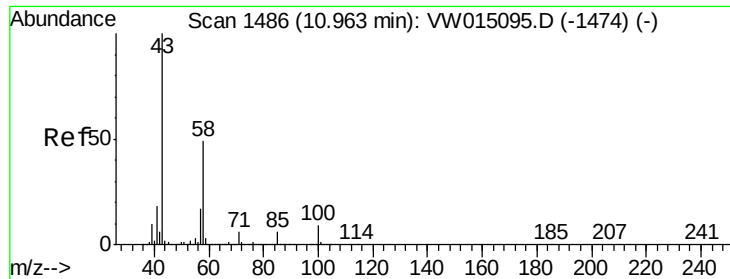
Tgt Ion: 63 Resp: 865200

Ion Ratio Lower Upper

63 100

106 22.5 18.0 27.0





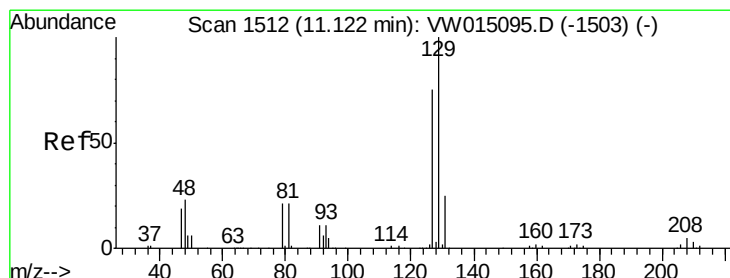
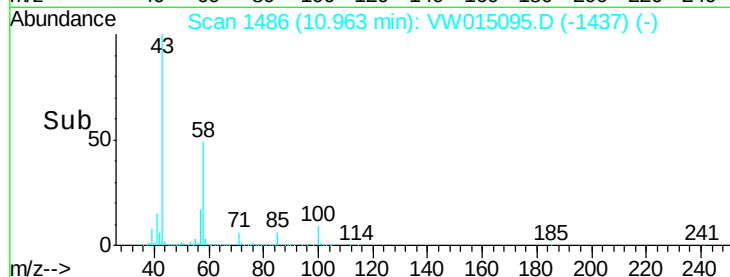
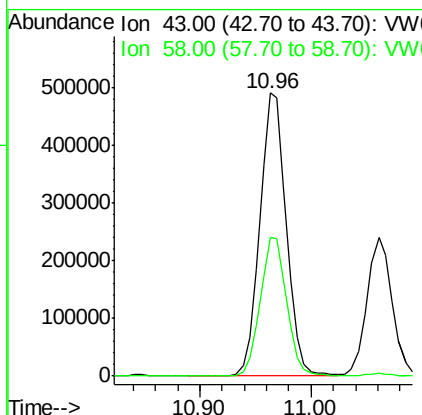
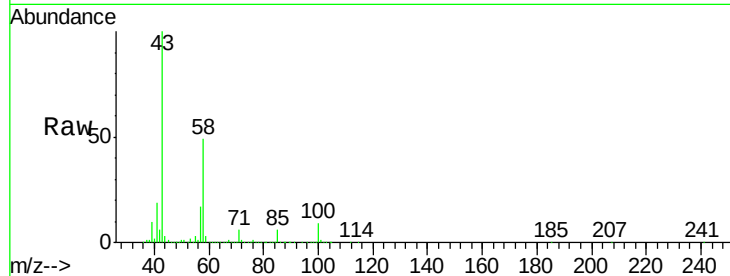
#59
2-Hexanone
Concen: 290.031 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 813427
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8

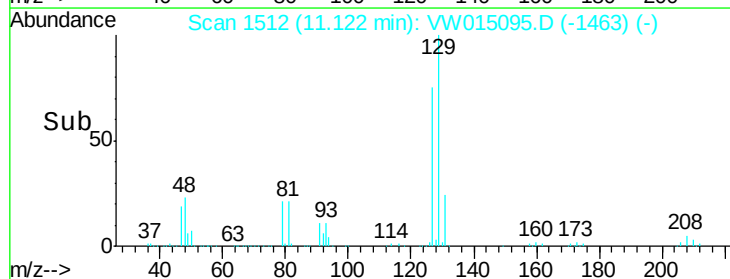
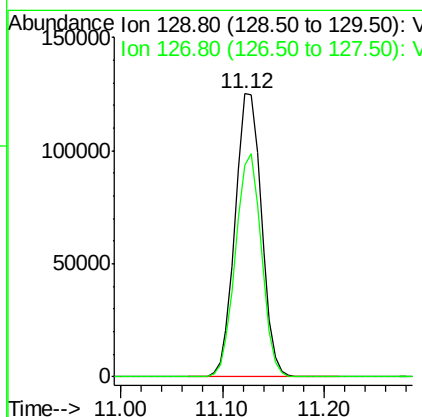
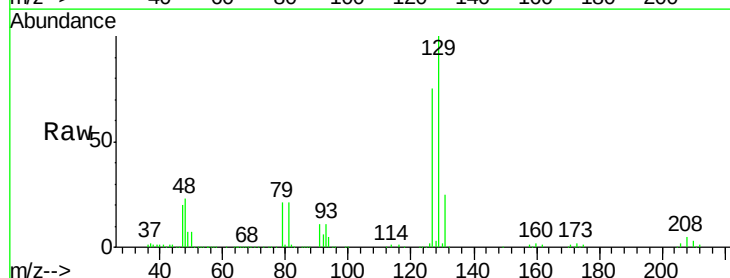
Manual Integrations
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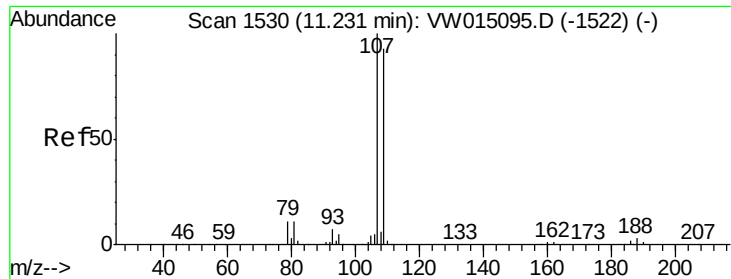
MMDadoda
3/11/2020 3:23:58 PM



#60
Dibromochloromethane
Concen: 53.341 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 129 Resp: 223502
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





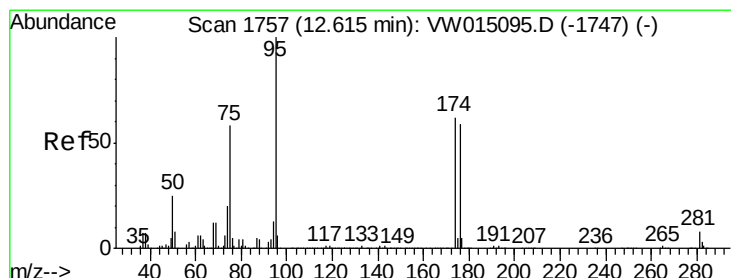
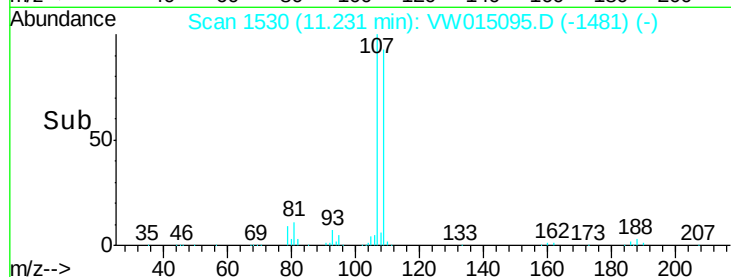
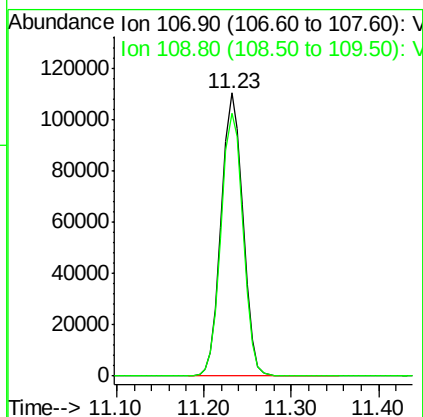
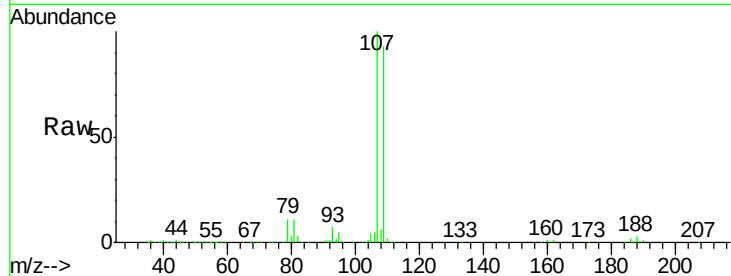
#61
 1,2-Dibromoethane
 Concen: 52.754 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9

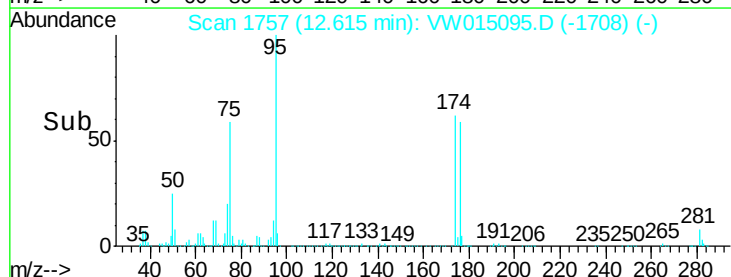
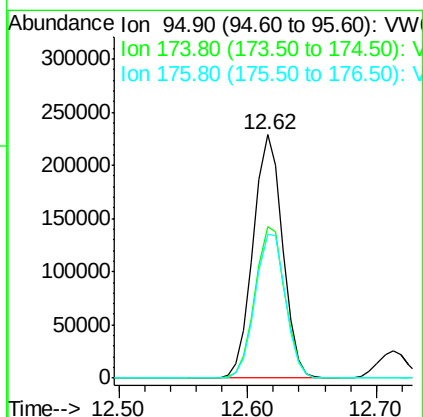
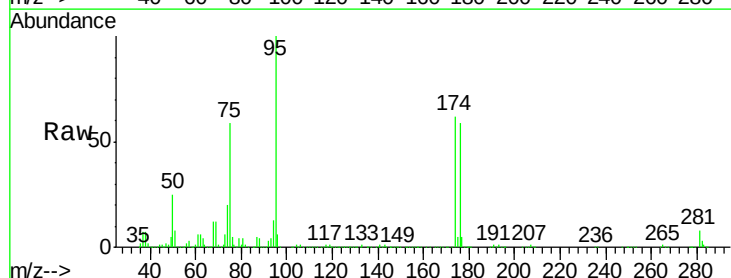
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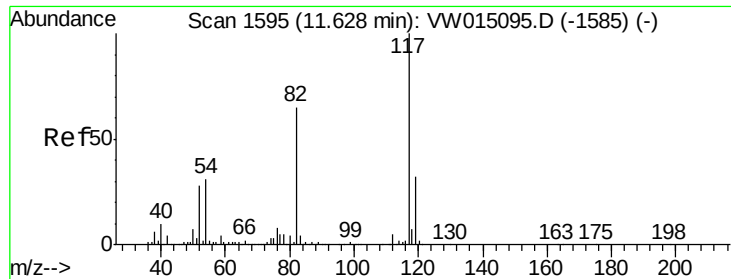
MMDadoda
 3/11/2020 3:23:58 PM



#62
 4-Bromofluorobenzene
 Concen: 55.206 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	126.8
176	60.8	0.0	121.6





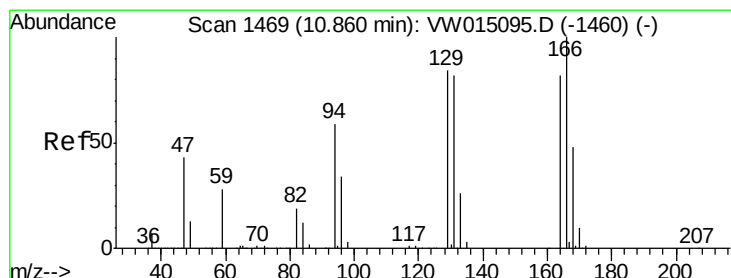
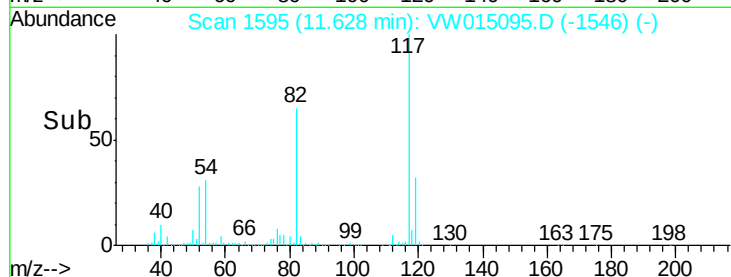
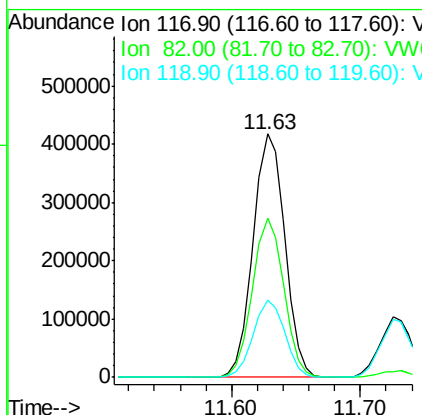
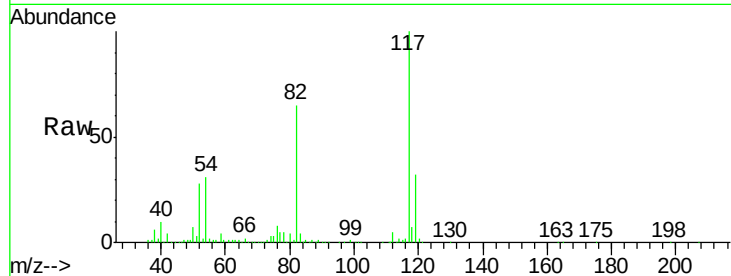
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.2	52.2	78.2
119	31.7	25.4	38.0

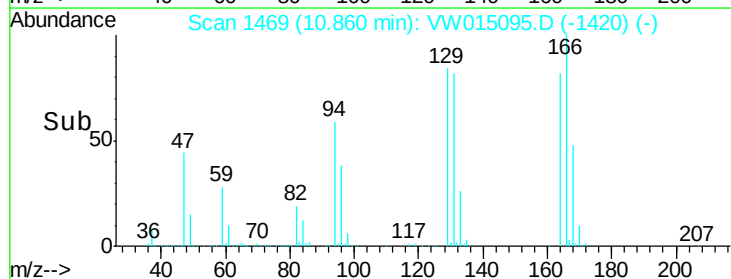
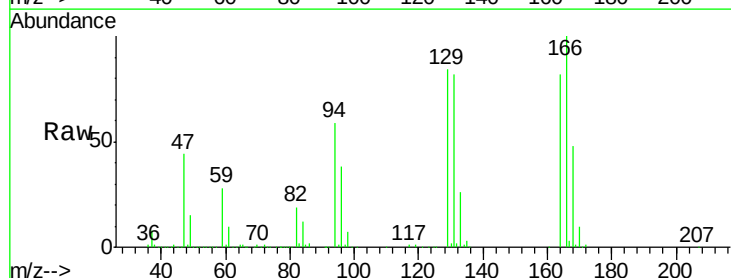
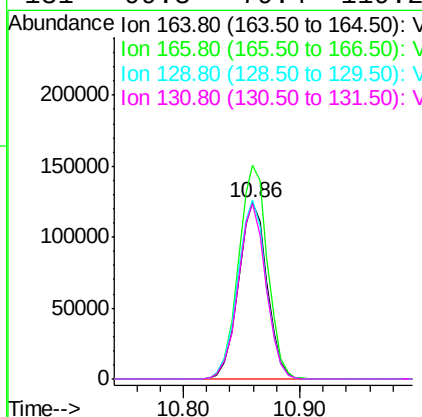
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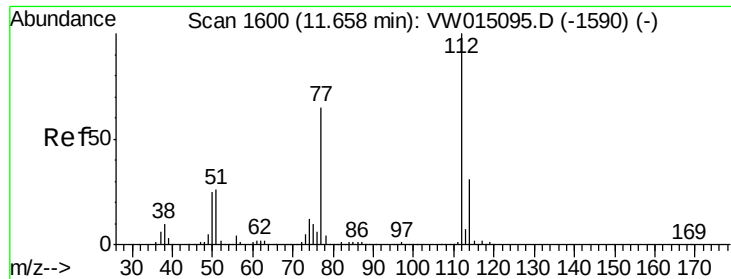
MMDadoda
3/11/2020 3:23:58 PM



#64
Tetrachloroethene
Concen: 51.589 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.3	97.0	145.6
129	101.5	81.2	121.8
131	99.3	79.4	119.2





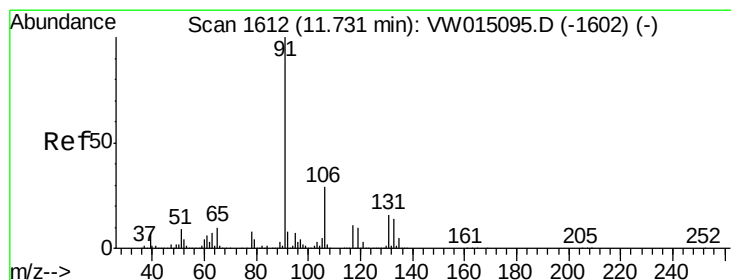
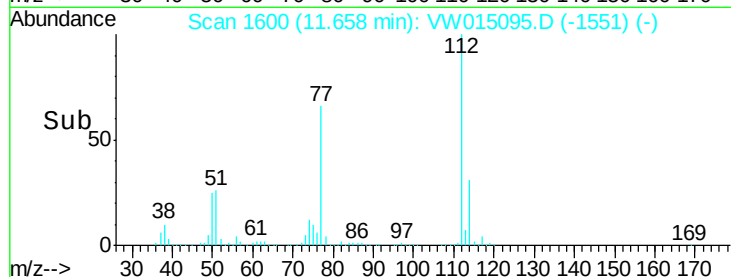
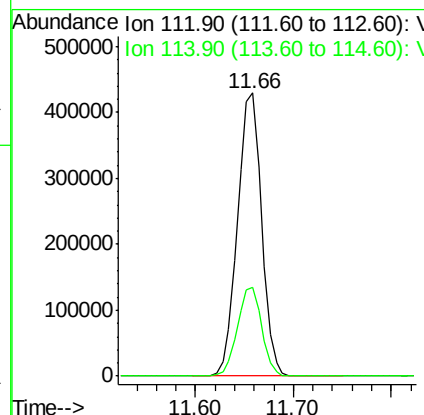
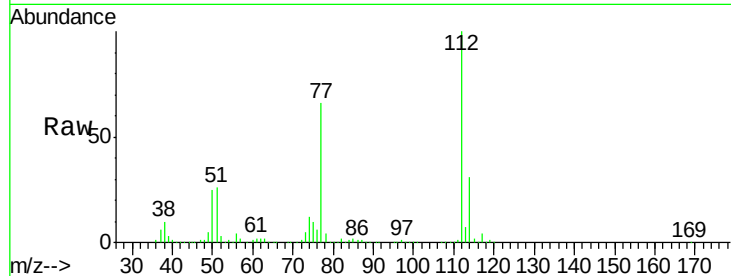
#65
Chlorobenzene
Concen: 51.468 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.6

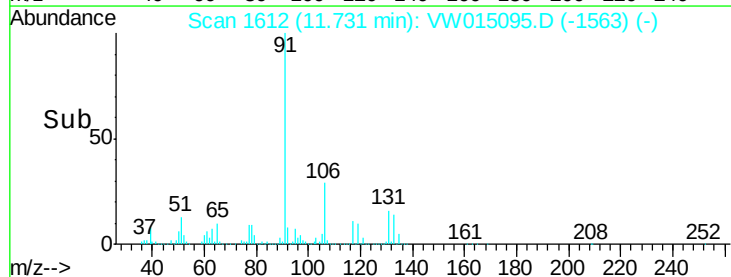
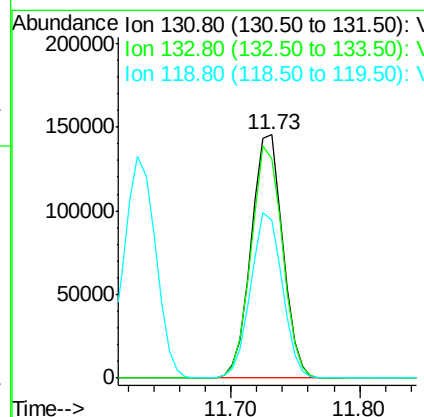
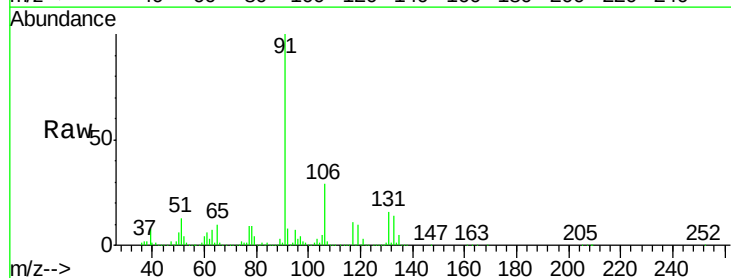
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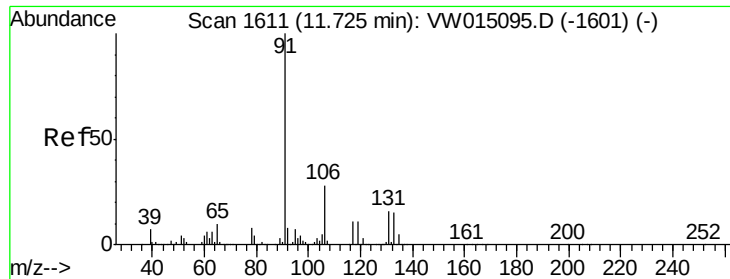
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.743 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.3	141.8
119	67.9	34.0	101.8





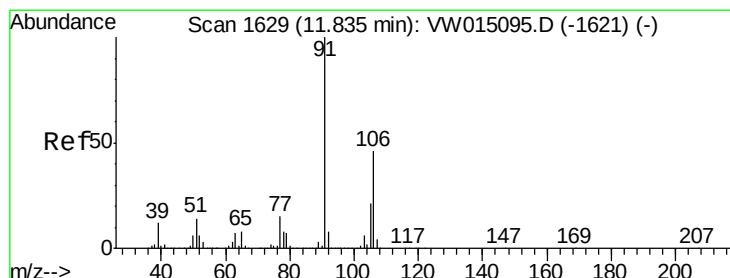
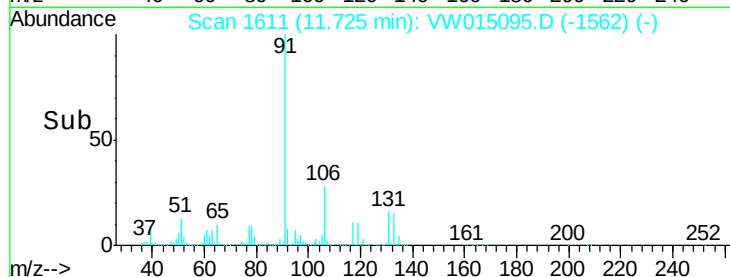
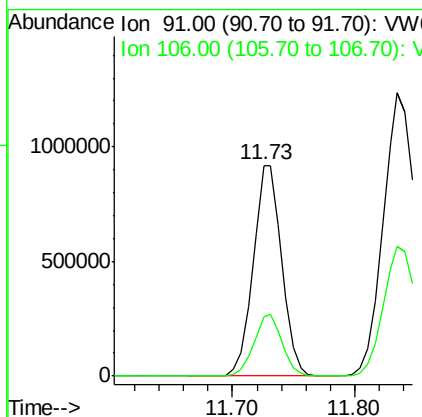
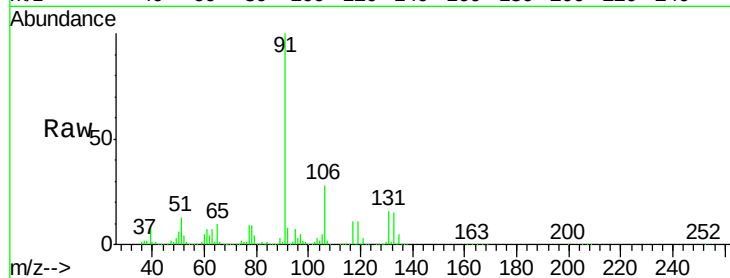
#67
Ethyl Benzene
Concen: 53.538 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1487277
Ion Ratio Lower Upper
91 100
106 28.5 22.8 34.2

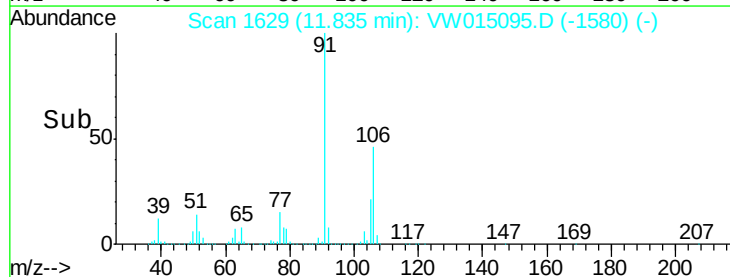
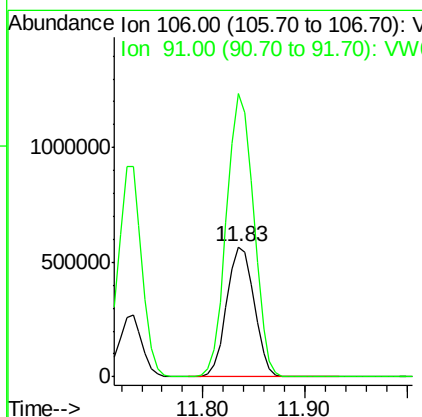
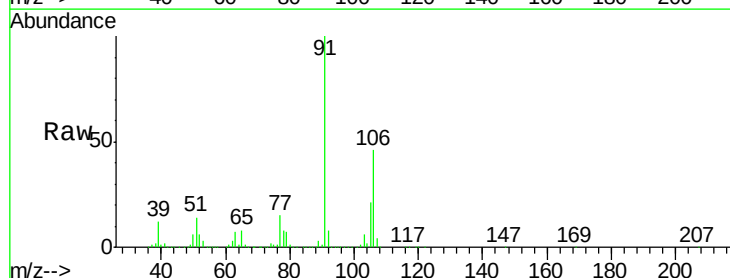
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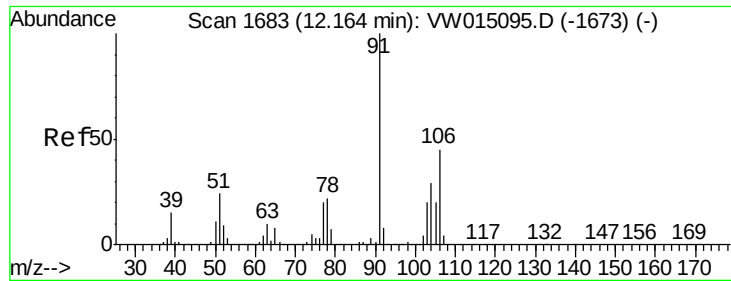
MMDadoda
3/11/2020 3:23:58 PM



#68
m/p-Xylenes
Concen: 107.696 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 106 Resp: 1057657
Ion Ratio Lower Upper
106 100
91 215.4 172.3 258.5





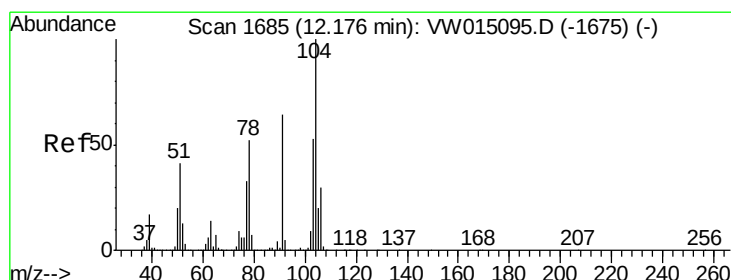
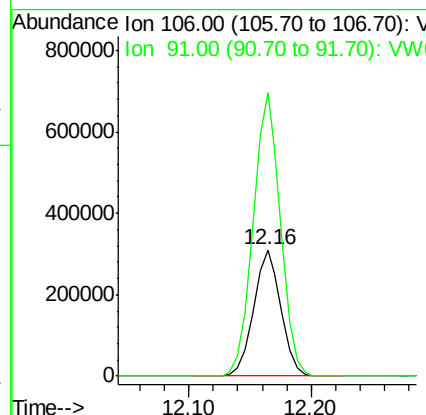
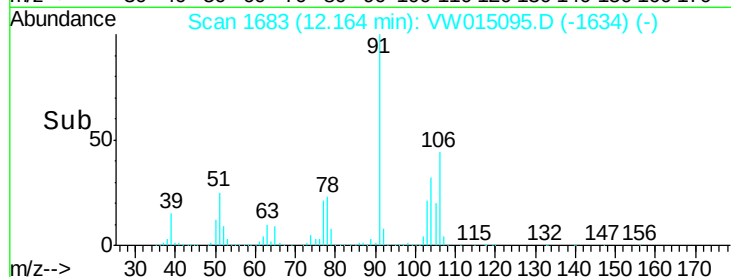
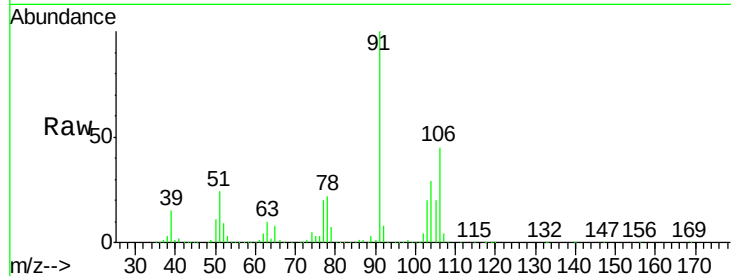
#69
o-Xylene
Concen: 54.171 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 479228
Ion Ratio Lower Upper
106 100
91 225.2 112.6 337.8

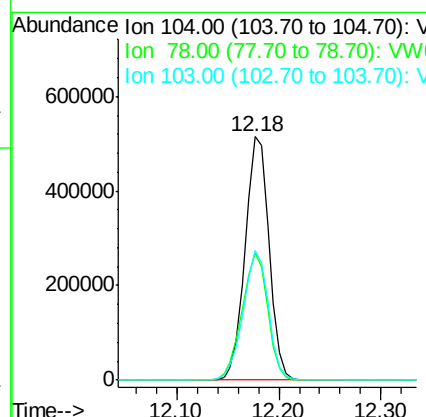
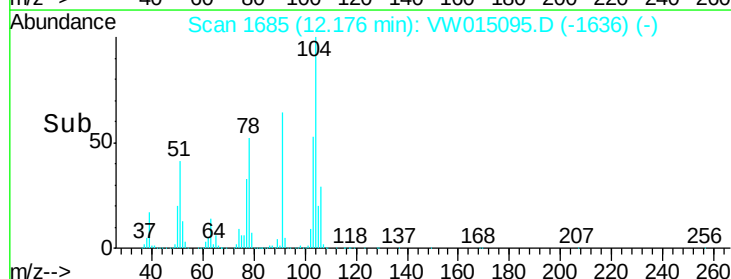
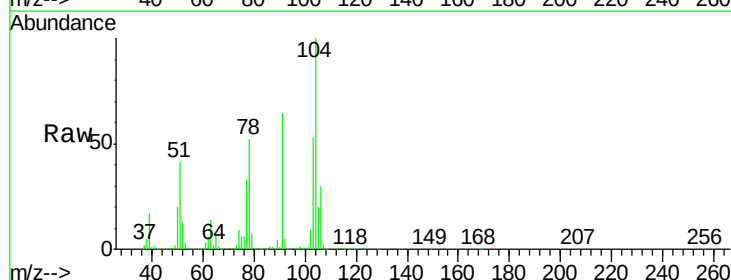
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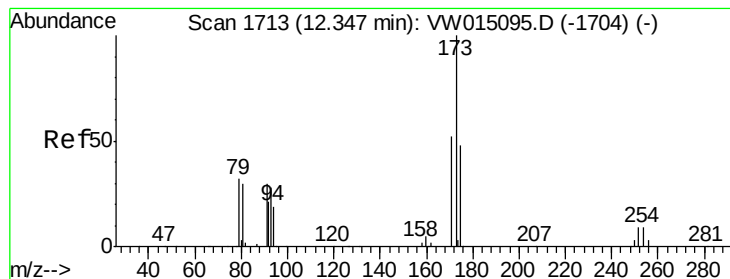
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#70
Styrene
Concen: 55.235 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion:104 Resp: 837277
Ion Ratio Lower Upper
104 100
78 55.9 44.7 67.1
103 55.9 44.7 67.1





#71

Bromoform

Concen: 53.732 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

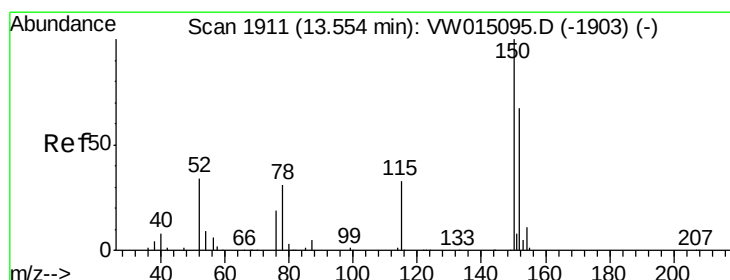
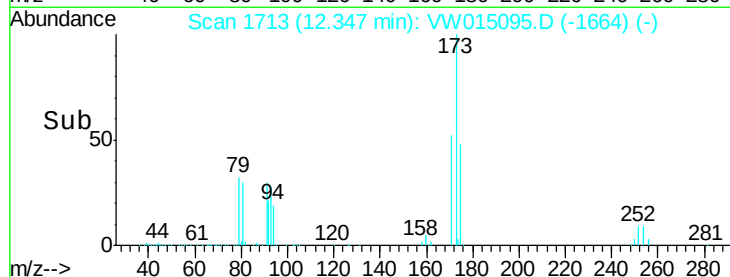
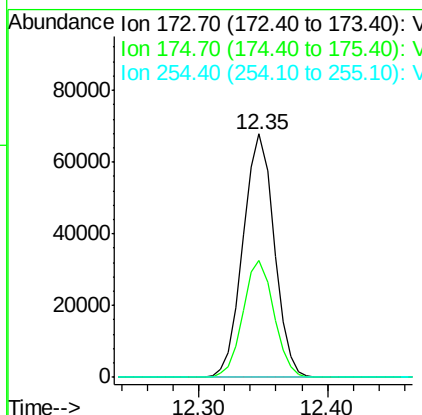
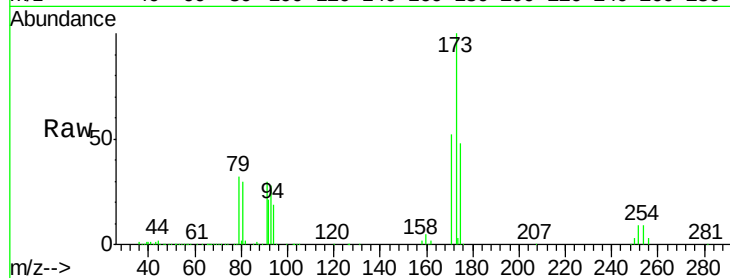
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.4
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

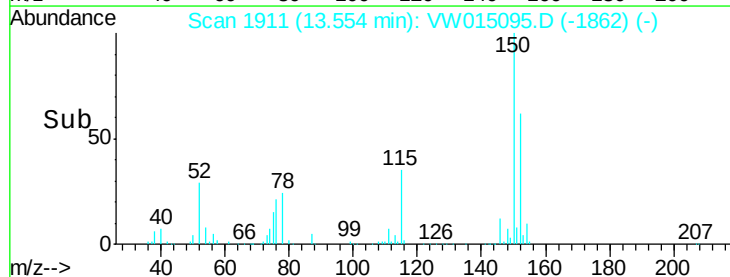
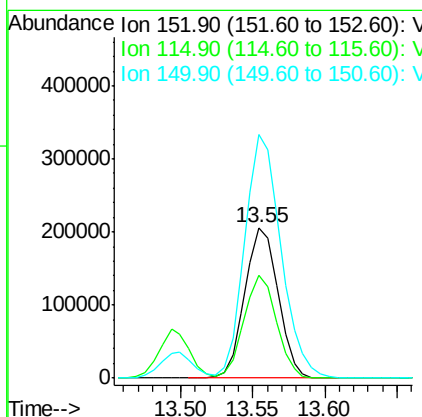
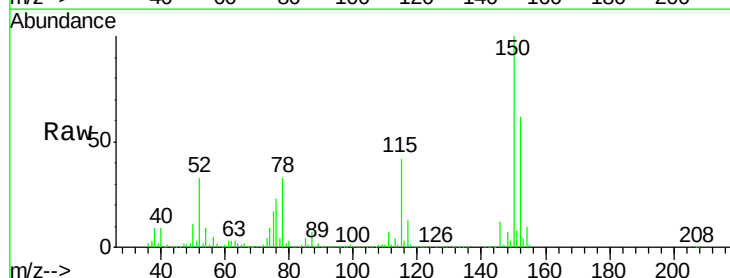
RT: 13.55 min Scan# 1911

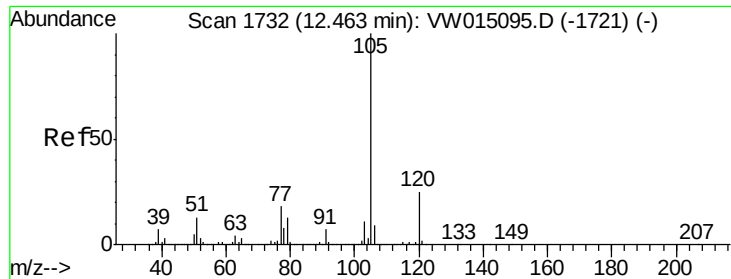
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	33.3	99.9
150	175.6	0.0	351.2





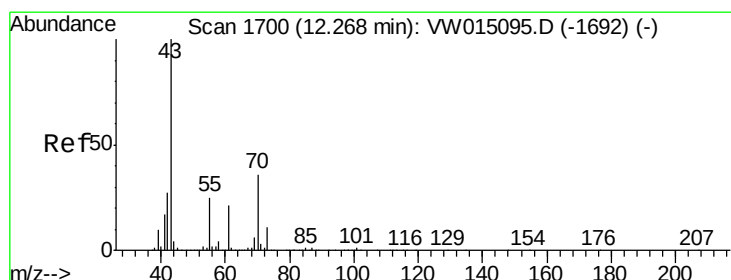
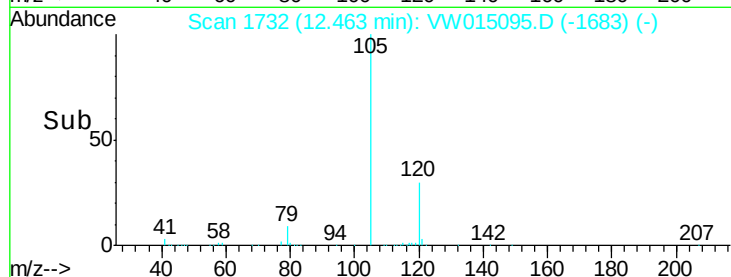
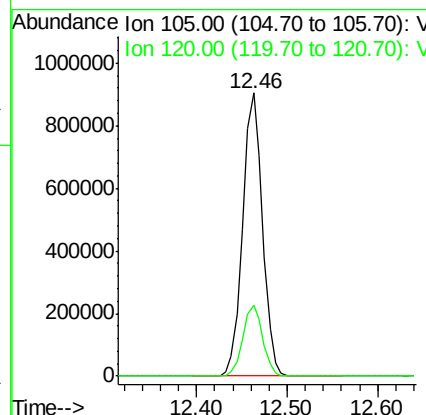
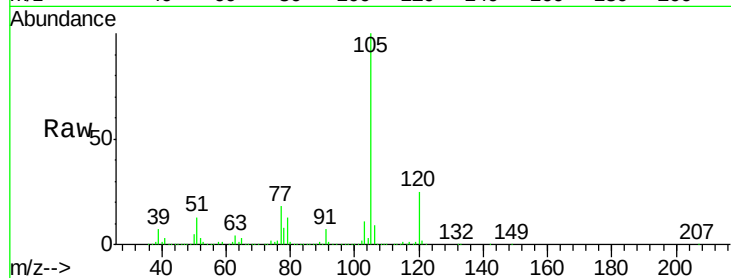
#73
Isopropylbenzene
Concen: 54.269 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 1365413
Ion Ratio Lower Upper
105 100
120 25.2 12.6 37.8

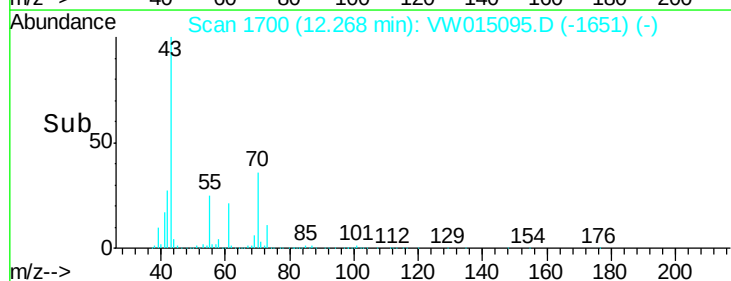
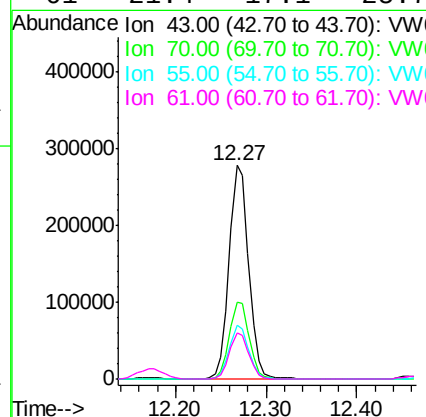
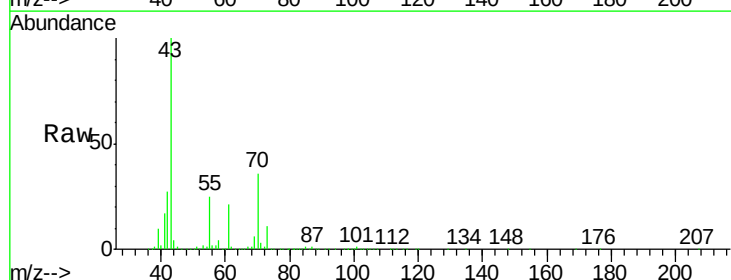
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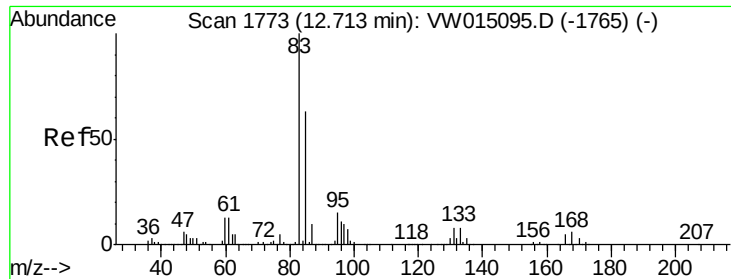
MMDadoda
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#74
N-ethyl acetate
Concen: 55.822 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion: 43 Resp: 415068
Ion Ratio Lower Upper
43 100
70 36.8 29.4 44.2
55 25.4 20.3 30.5
61 21.4 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 52.674 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

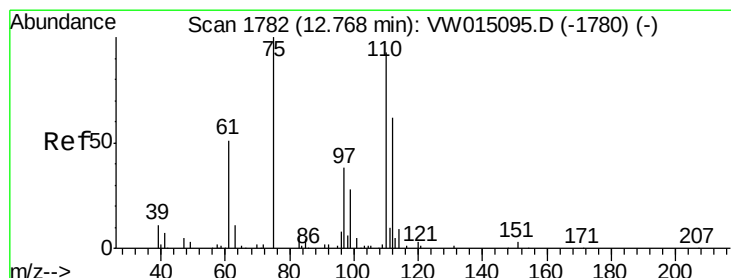
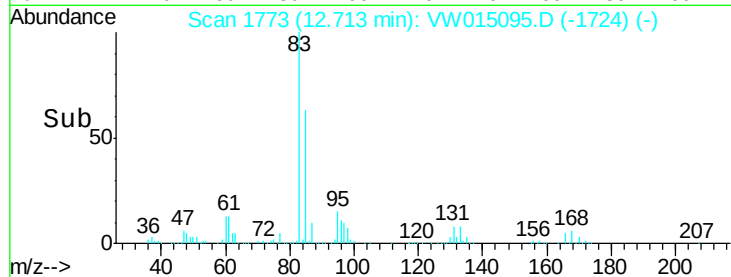
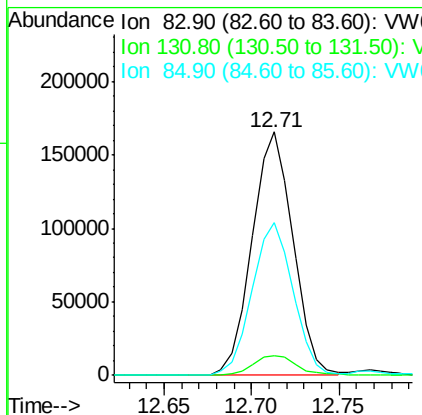
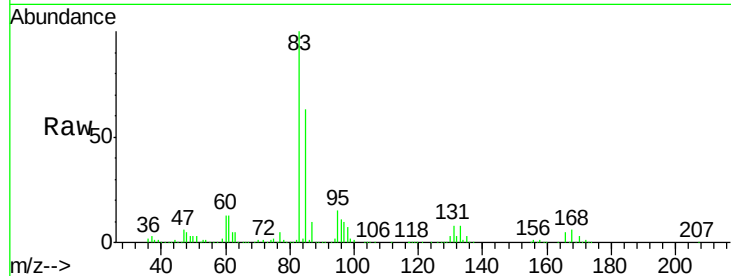
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	269114
Ion Ratio	Lower	Upper	
83	100		
131	8.7	4.3	13.1
85	63.0	31.5	94.5

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#76

1,2,3-Trichloropropane

Concen: 27.244 ug/l m

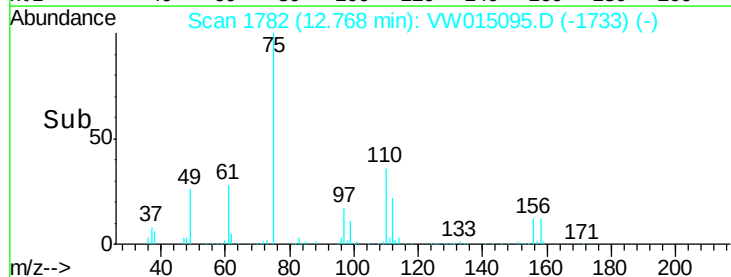
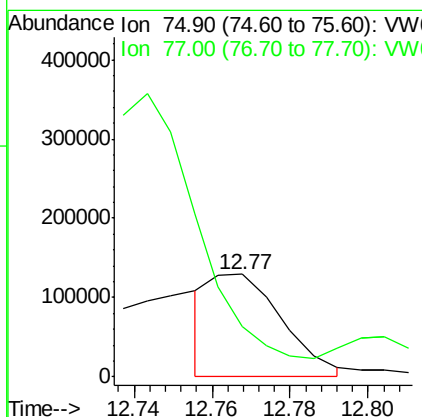
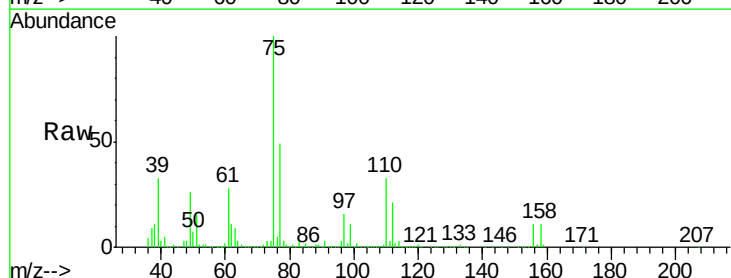
RT: 12.77 min Scan# 1782

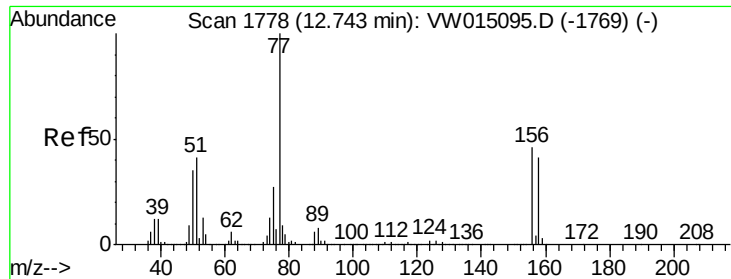
Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Tgt Ion:	75	Resp:	166299
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





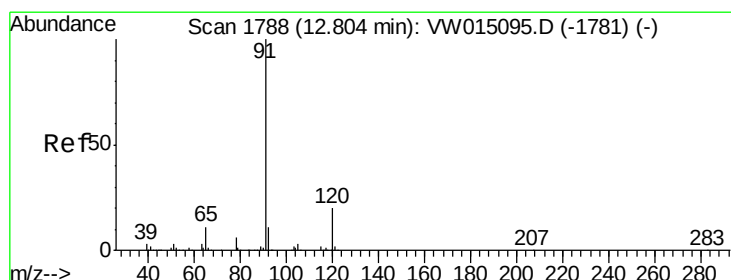
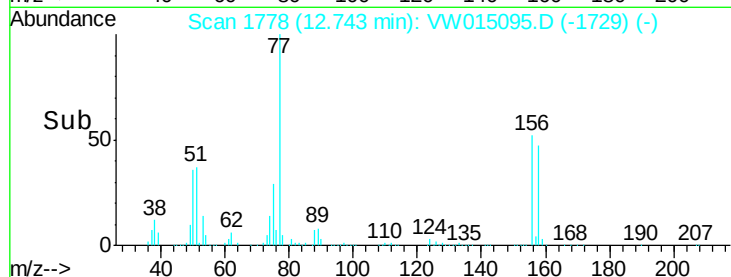
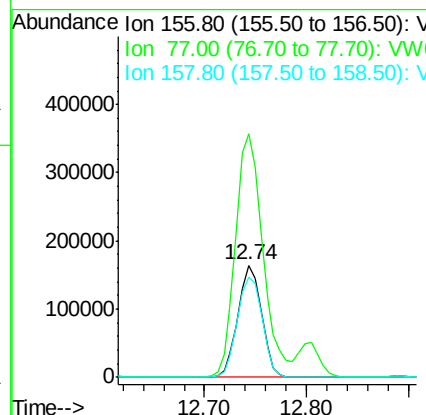
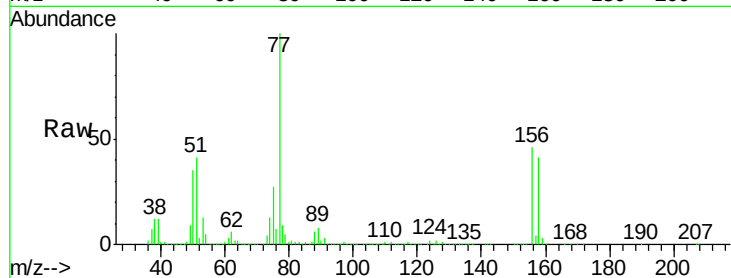
#77
Bromobenzene
Concen: 52.893 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	253.2	126.6	379.8	
158	94.8	47.4	142.2	

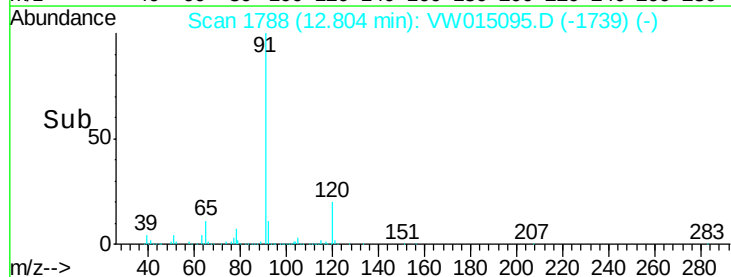
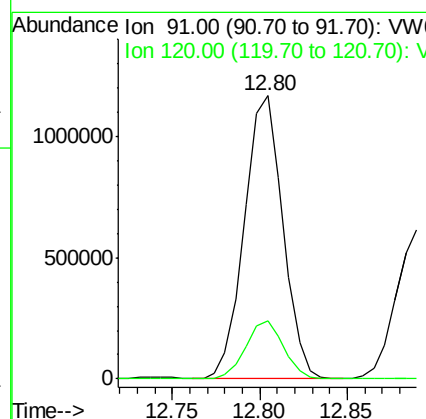
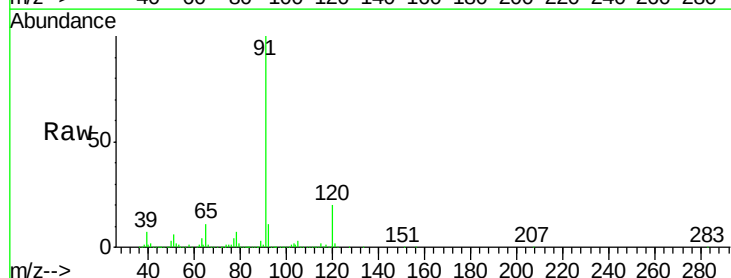
Manual Integrations
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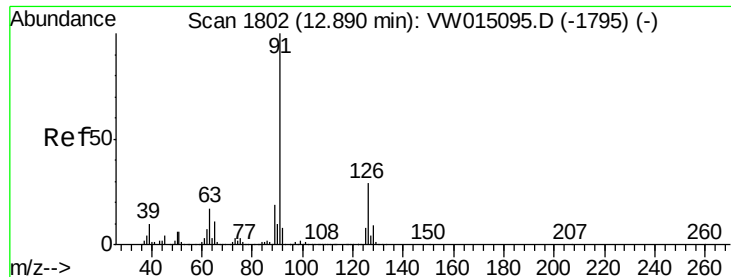
MMDadoda
3/11/2020 3:23:58 PM



#78
n-propylbenzene
Concen: 54.520 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	20.3	10.2	30.4	





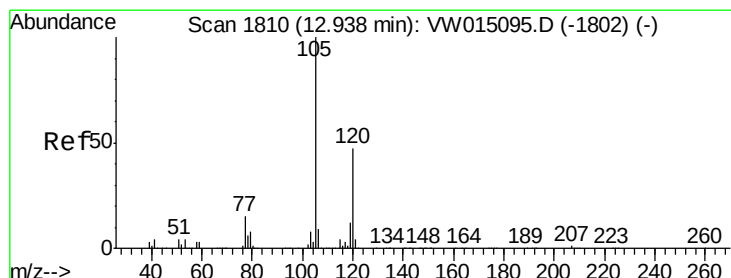
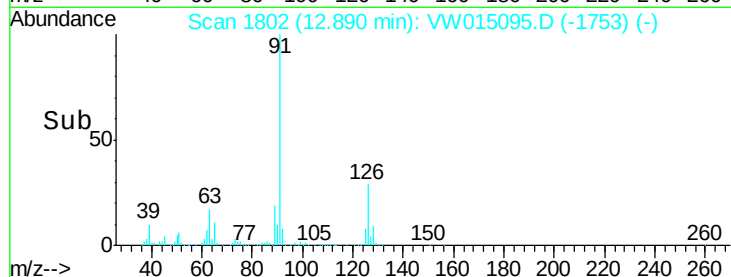
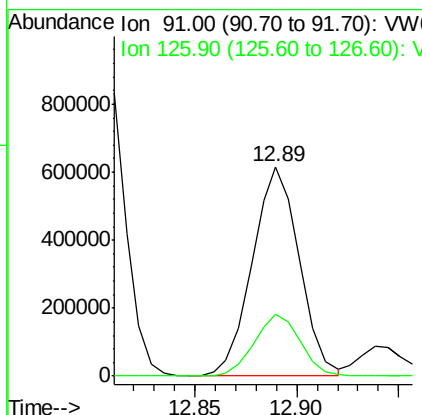
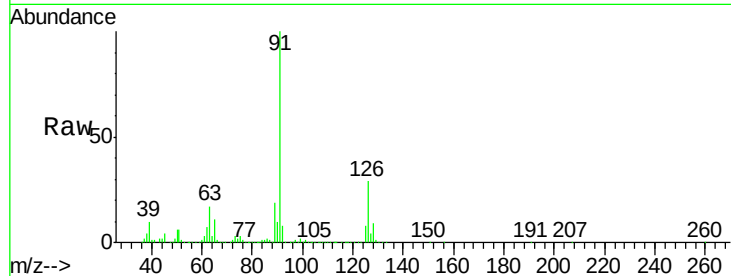
#79
 2-Chlorotoluene
 Concen: 53.393 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.5	43.6

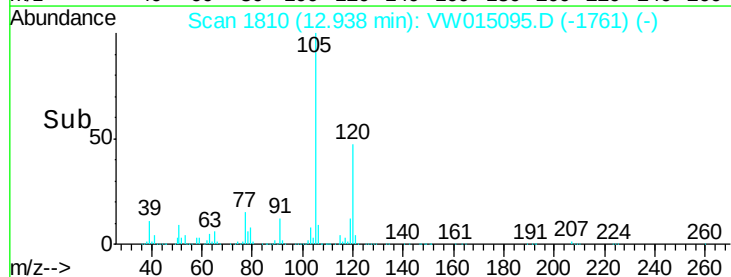
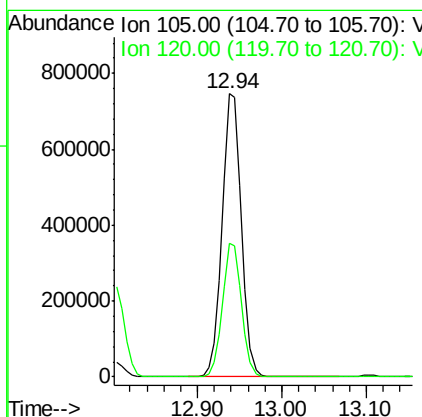
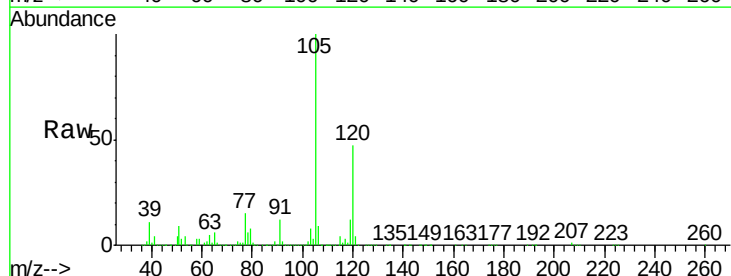
Manual Integrations
 APPROVED

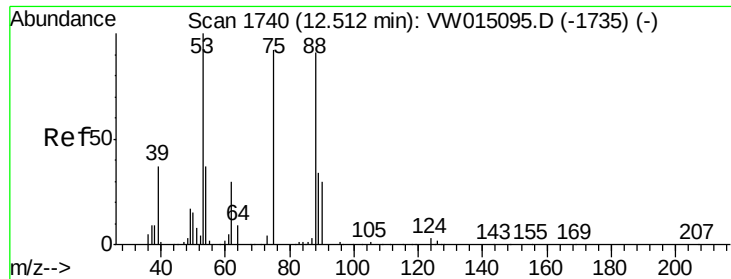
MMDadoda
 3/11/2020 3:23:58 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.357 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.8





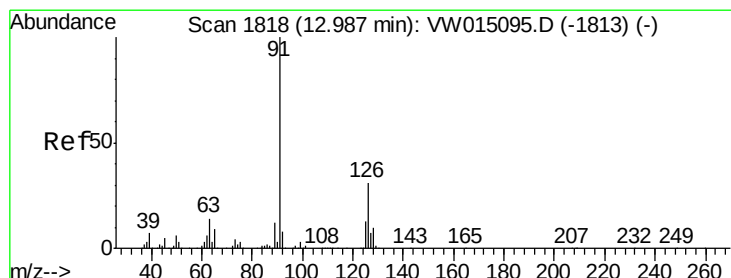
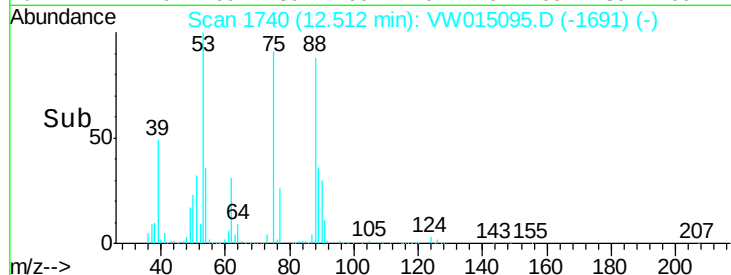
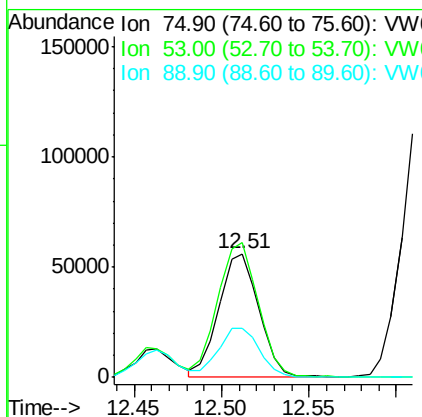
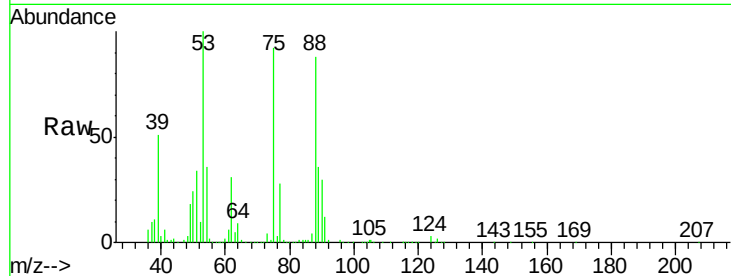
#81
trans-1,4-Dichloro-2-butene
Concen: 54.177 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.5	88.4	132.6
89	41.4	33.1	49.7

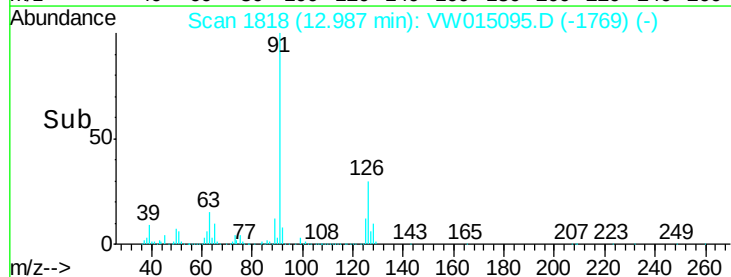
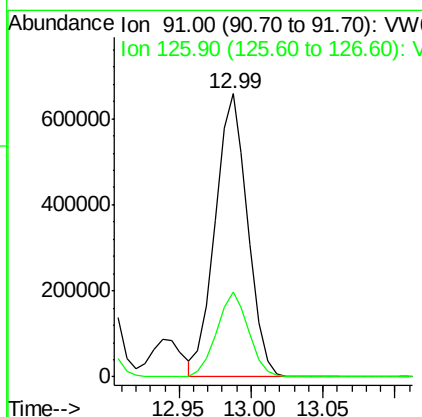
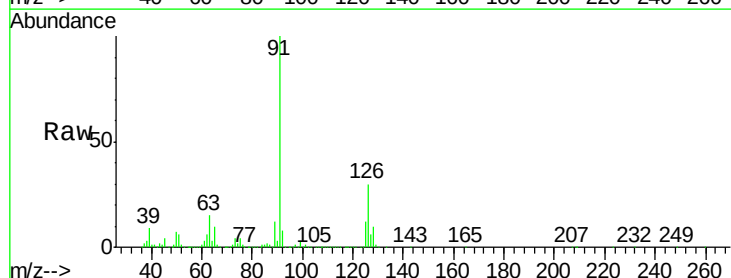
Manual Integrations
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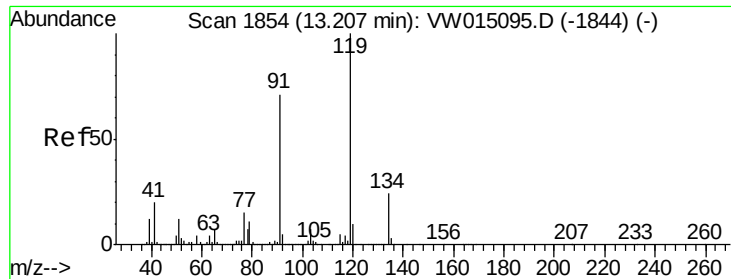
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.721 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.4





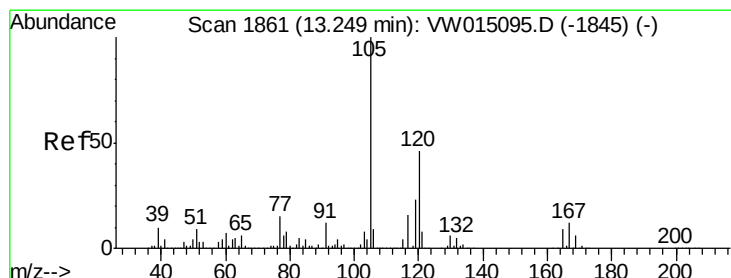
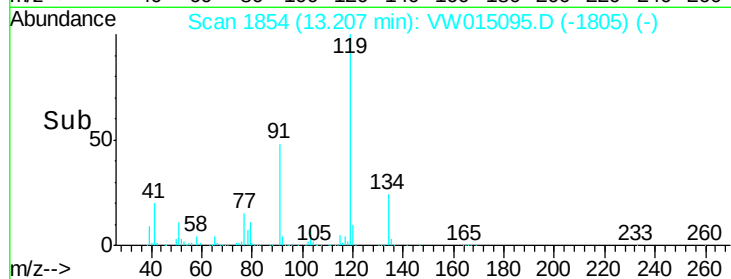
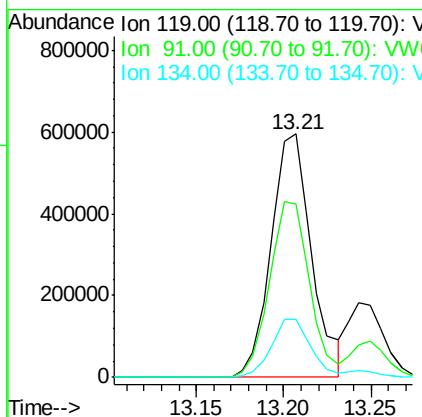
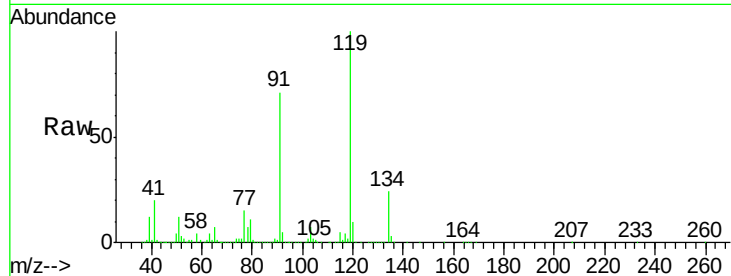
#83
 tert-Butylbenzene
 Concen: 54.830 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.4	35.7	107.1
134	25.4	12.7	38.1

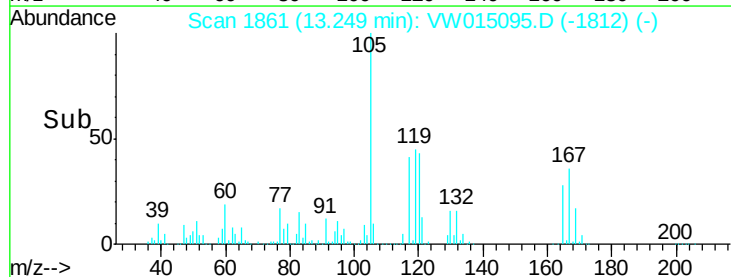
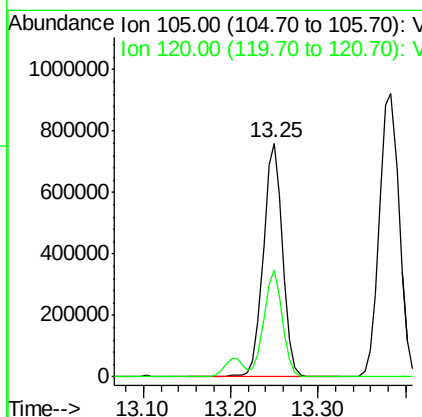
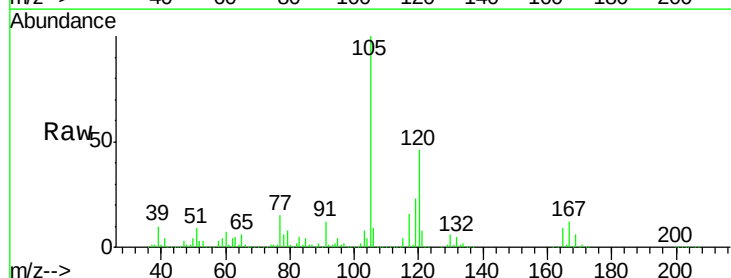
Manual Integrations
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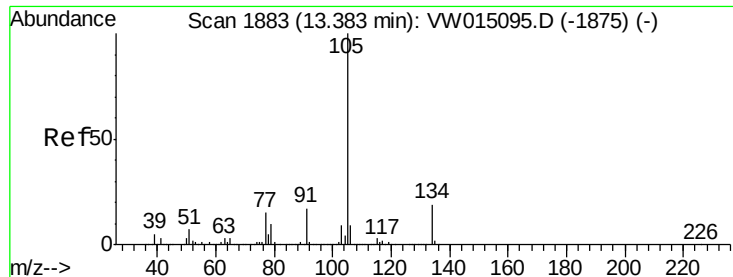
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.167 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3





#85

sec-Butylbenzene

Concen: 54.455 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1444315

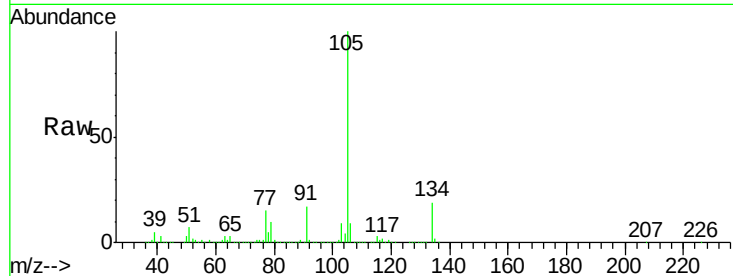
Ion Ratio Lower Upper

105 100

134 18.1 9.0 27.1

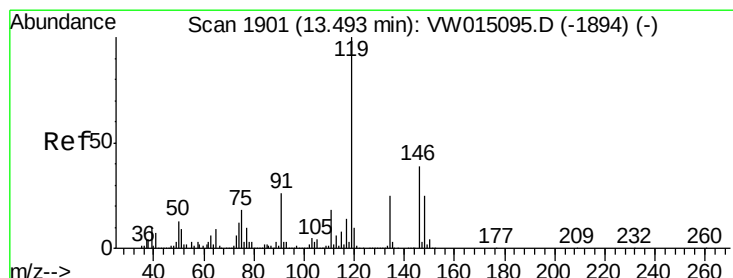
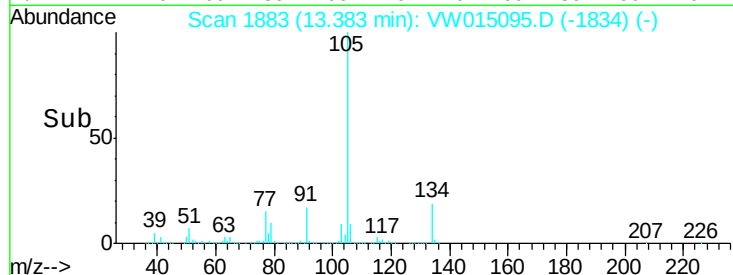
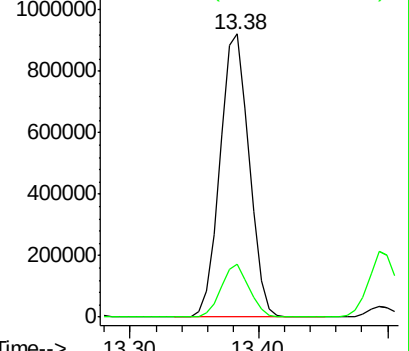
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.167 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

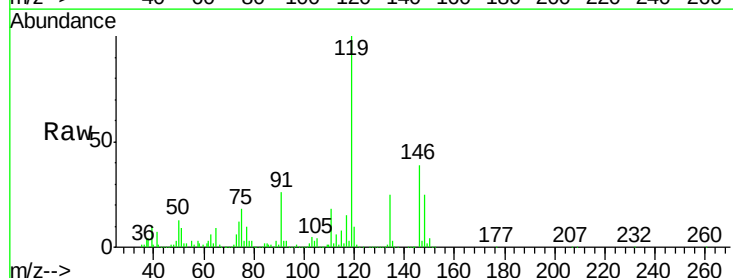
Tgt Ion:119 Resp: 1257737

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

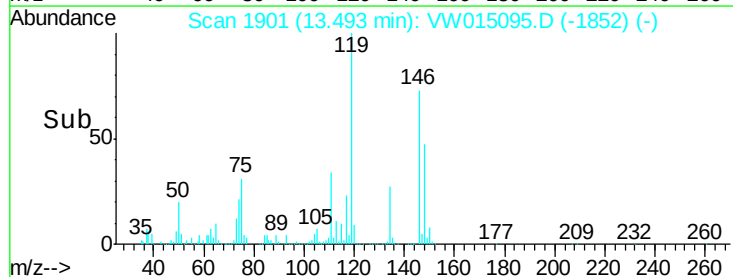
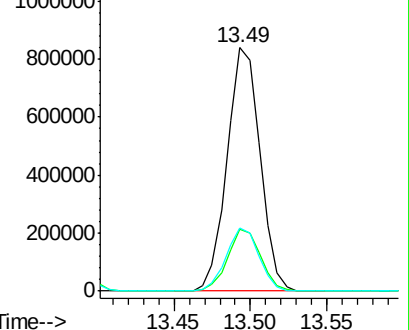
91 25.7 12.9 38.6

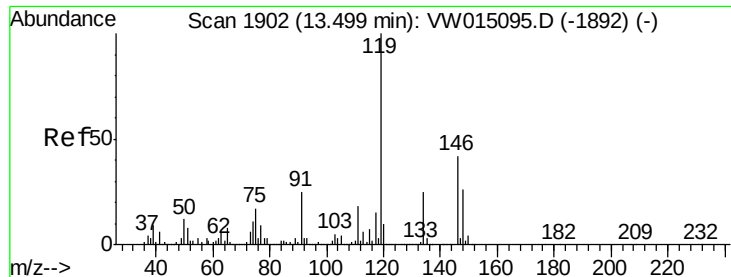


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





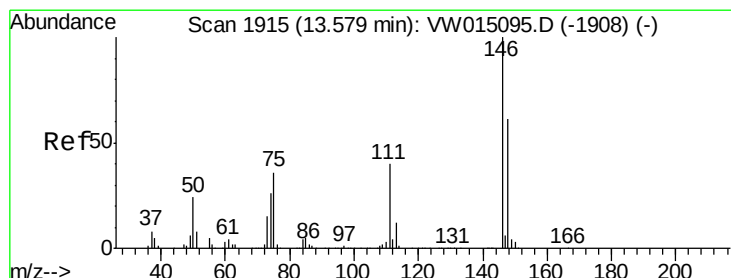
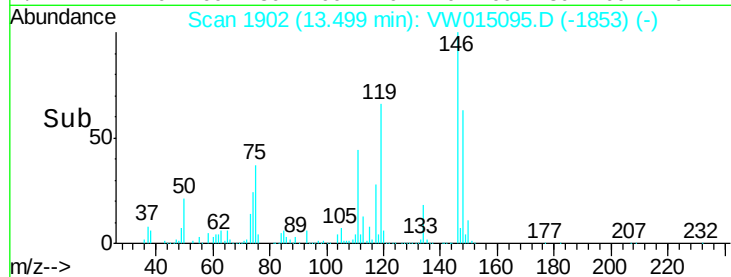
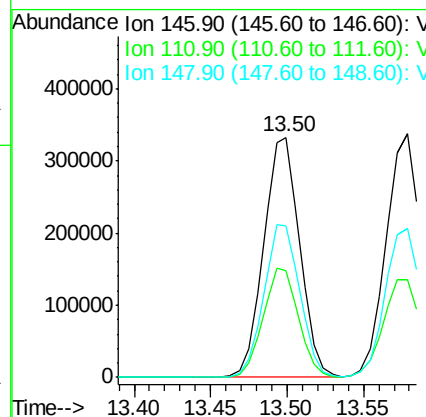
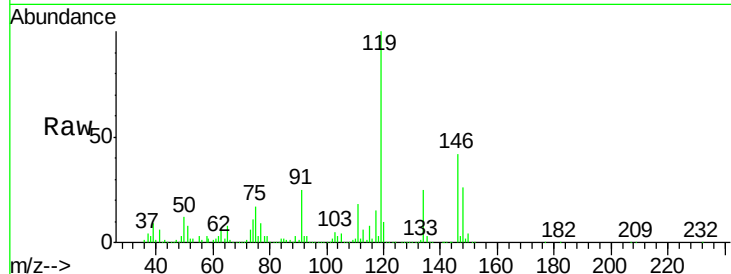
#87
 1,3-Dichlorobenzene
 Concen: 51.568 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.5	67.5
148	63.9	31.9	95.9

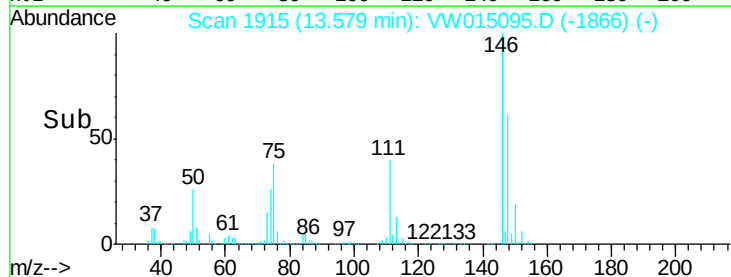
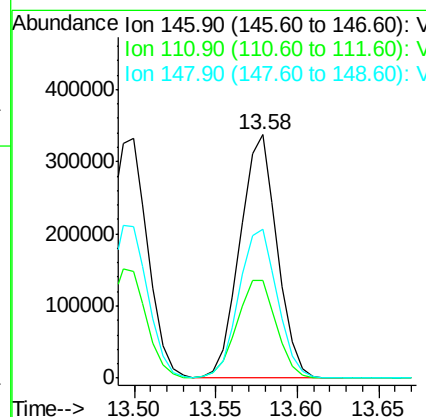
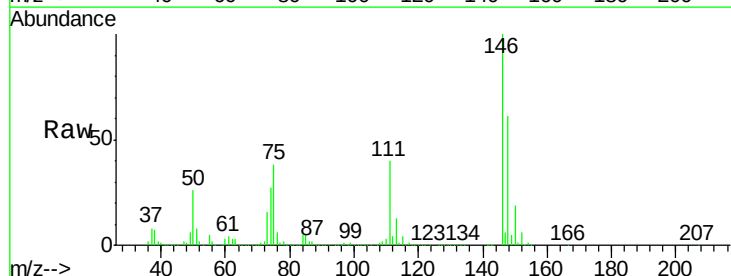
Manual Integrations
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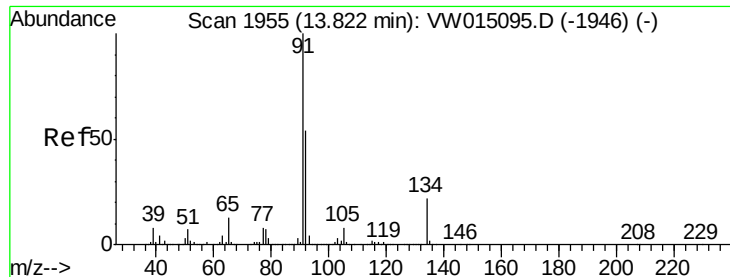
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#88
 1,4-Dichlorobenzene
 Concen: 51.554 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.2	31.6	94.8





#89

n-Butylbenzene

Concen: 55.518 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015095.D

Acq: 09 Mar 2020 11:55

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1365009

Ion Ratio Lower Upper

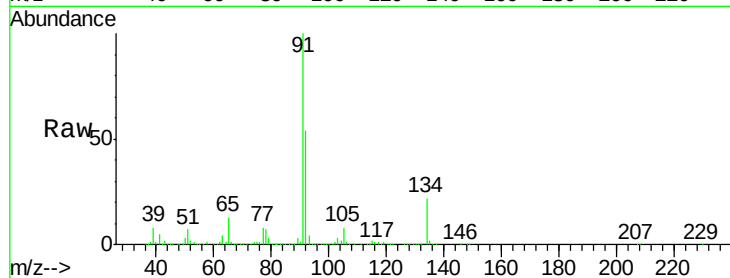
91 100

92 53.5 26.8 80.3

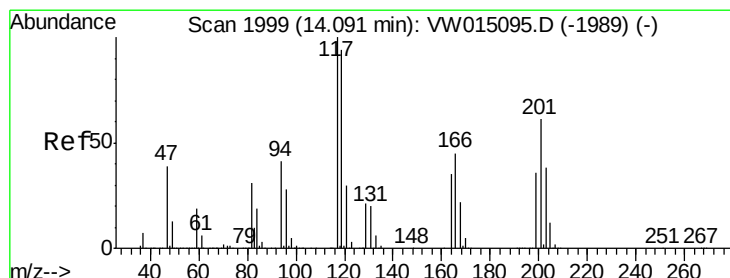
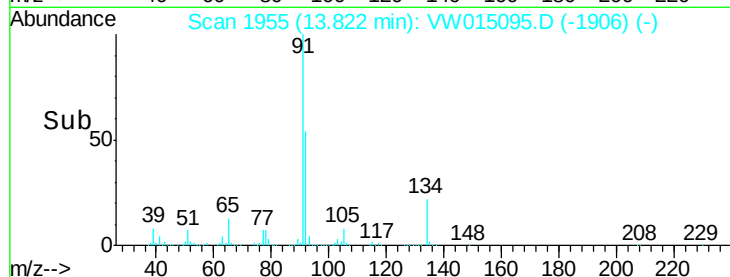
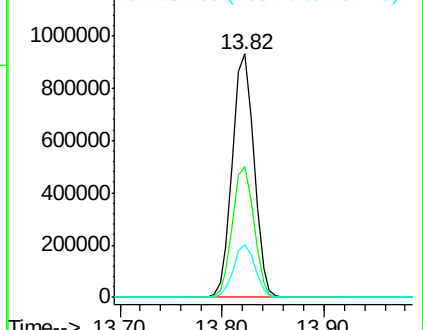
134 21.6 10.8 32.4

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Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.336 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015095.D

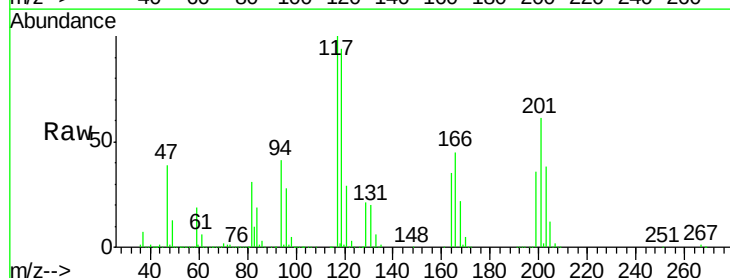
Acq: 09 Mar 2020 11:55

Tgt Ion: 117 Resp: 234724

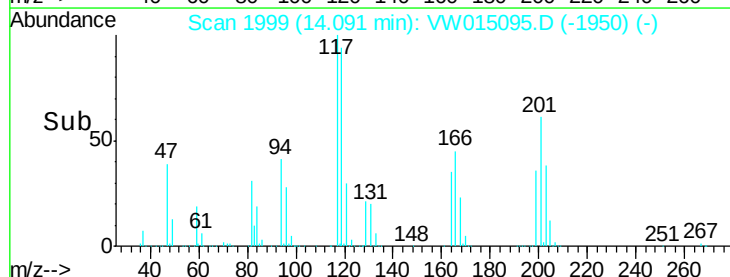
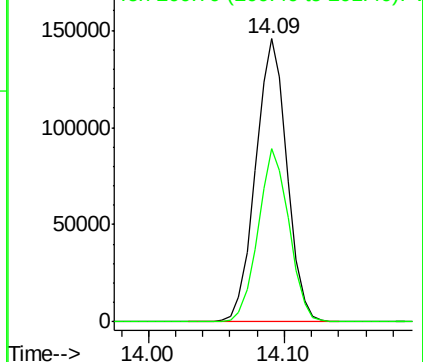
Ion Ratio Lower Upper

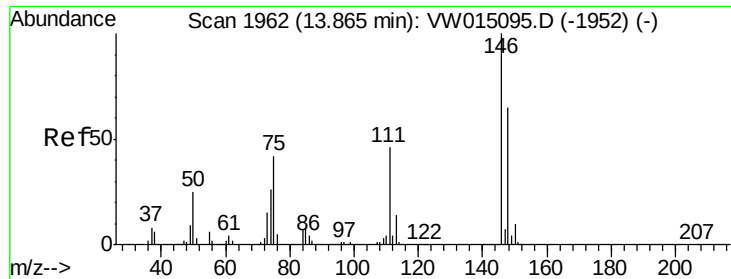
117 100

201 60.6 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





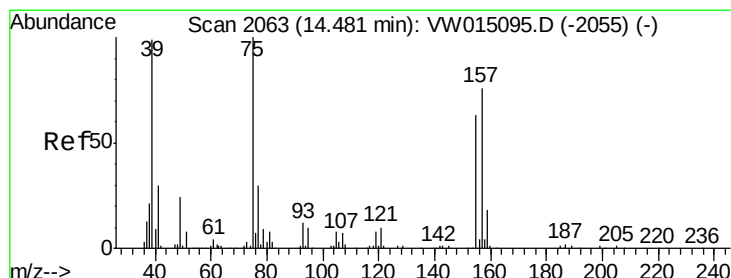
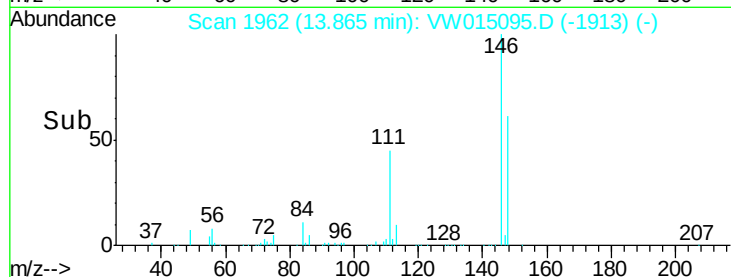
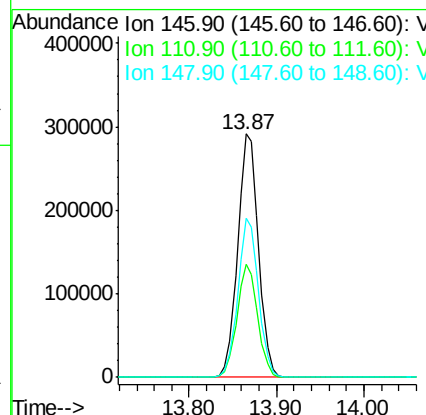
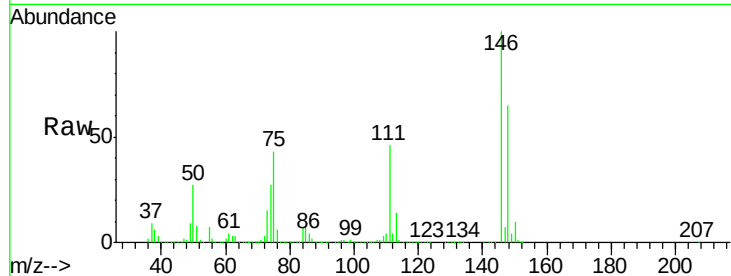
#91
 1,2-Dichlorobenzene
 Concen: 52.353 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	483131		
111	46.1	23.1	69.2	
148	64.6	32.3	96.9	

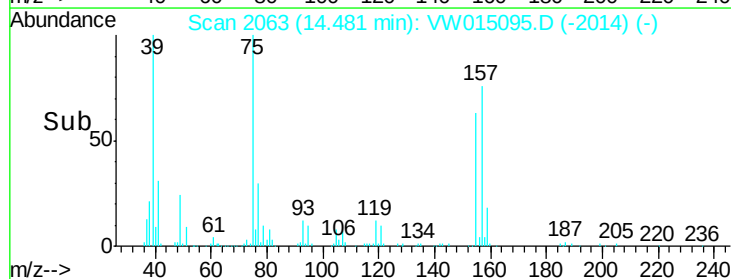
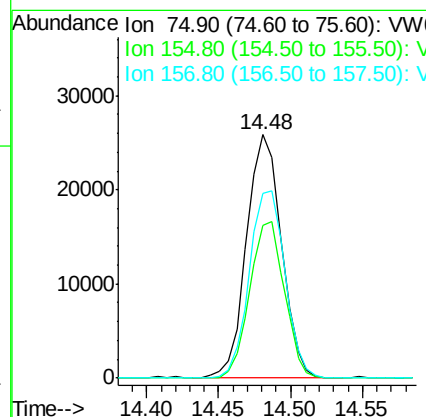
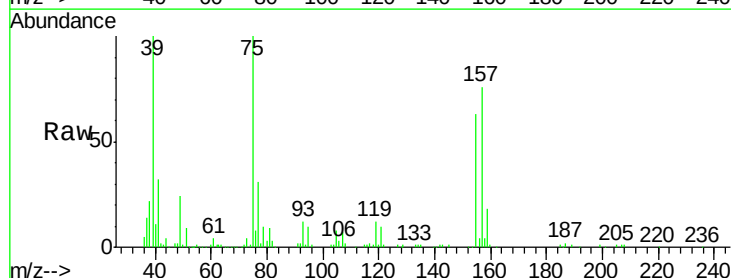
Manual Integrations
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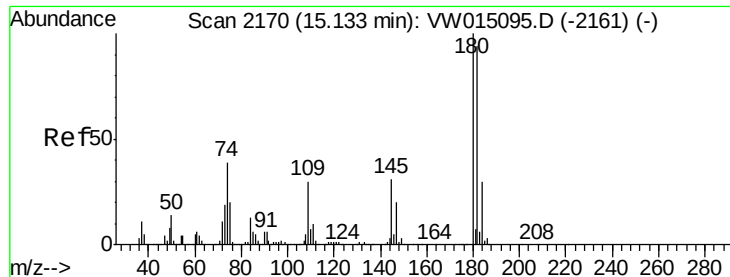
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 3/11/2020 3:23:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.464 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43042		
155	64.2	32.1	96.3	
157	79.1	39.6	118.7	





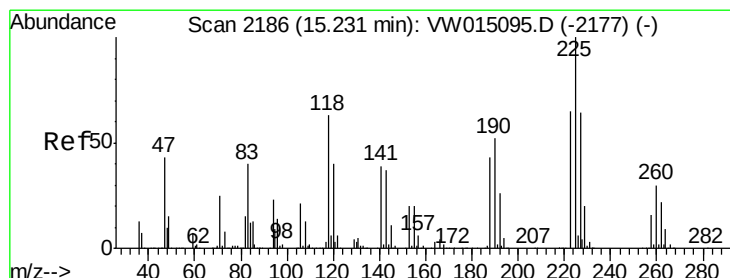
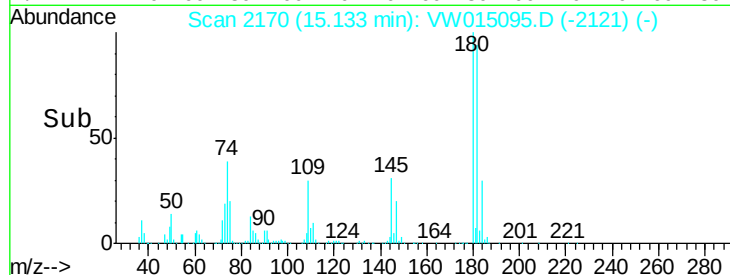
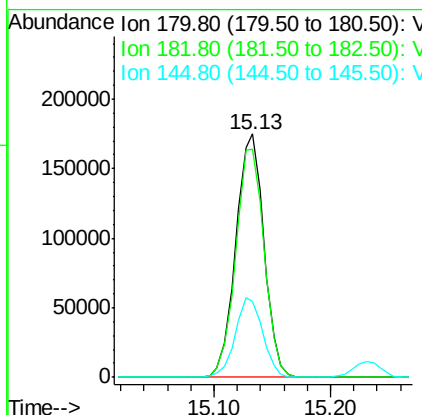
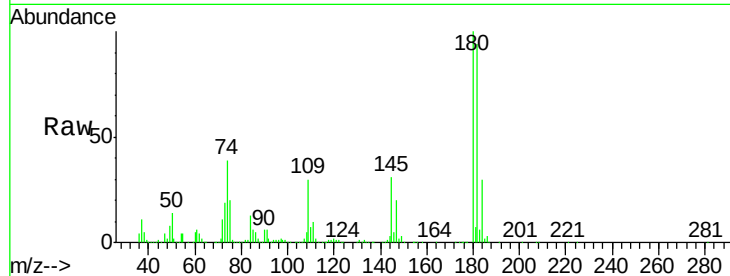
#93
 1,2,4-Trichlorobenzene
 Concen: 55.700 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	294146		
182	95.3	47.6	142.9	
145	32.3	16.2	48.5	

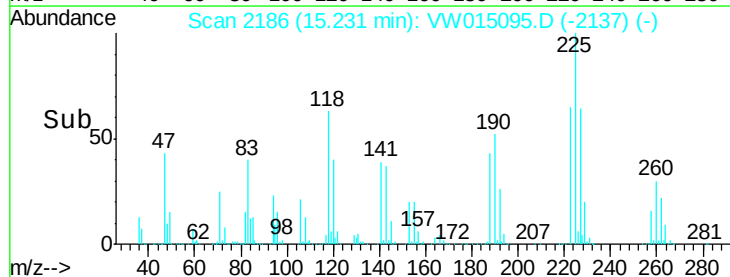
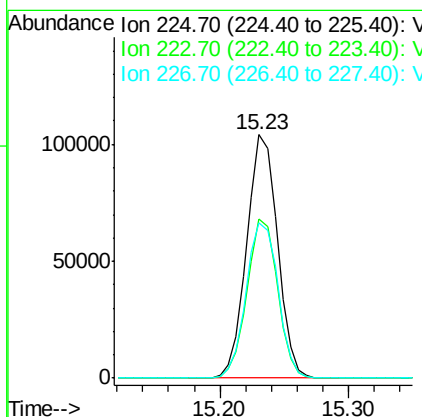
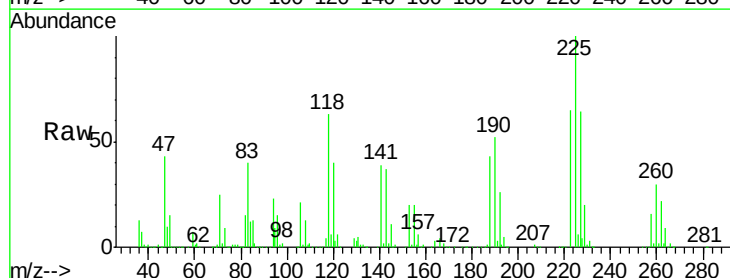
Manual Integrations
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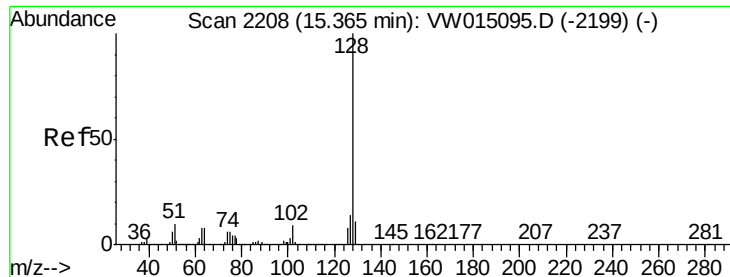
MMDadoda
 3/11/2020 3:23:58 PM



#94
 Hexachlorobutadiene
 Concen: 51.788 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015095.D
 Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171707		
223	64.9	32.5	97.4	
227	66.0	33.0	99.0	





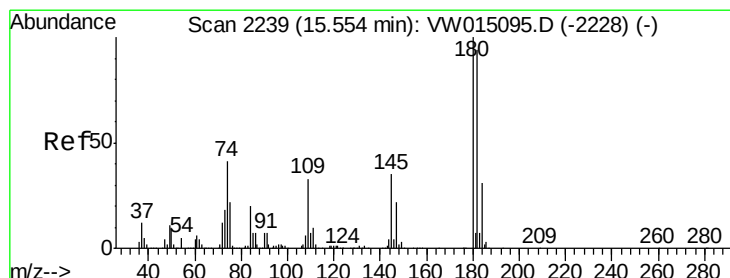
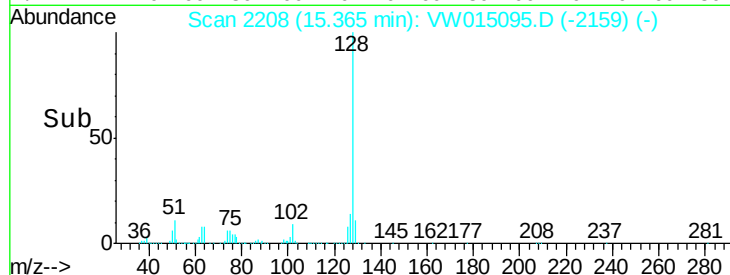
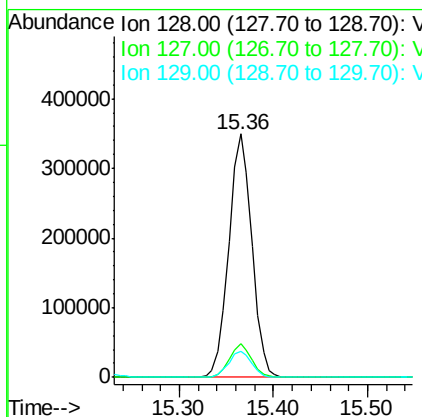
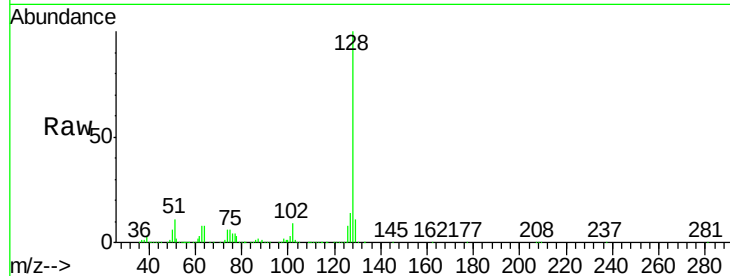
#95
Naphthalene
Concen: 60.263 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:23:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.608 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015095.D
Acq: 09 Mar 2020 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	35.1	17.5	52.6

