

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015802.D
 Acq On : 08 Jul 2020 11:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:26 AM

Quant Time: Jul 09 04:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107783	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	95177	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.33	98	375786	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.62	95	140625	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55104	50.092	ug/l	100
3) Chloromethane	2.21	50	65897	44.109	ug/l	99
4) Vinyl Chloride	2.37	62	113585	49.242	ug/l	99
5) Bromomethane	2.78	94	87489	49.569	ug/l	99
6) Chloroethane	2.93	64	81285	52.216	ug/l	97
7) Trichlorofluoromethane	3.26	101	84988	51.267	ug/l	96
8) Diethyl Ether	3.68	74	54732	52.988	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	98489	50.753	ug/l	99
10) Methyl Iodide	4.27	142	137118	50.537	ug/l	99
11) Tert butyl alcohol	5.23	59	25039	222.449	ug/l	99
12) 1,1-Dichloroethene	4.04	96	96328	50.488	ug/l	98
13) Acrolein	3.90	56	33322	223.322	ug/l	98
14) Allyl chloride	4.67	41	157023	50.635	ug/l	100
15) Acrylonitrile	5.38	53	99575	246.565	ug/l	99
16) Acetone	4.14	43	103959	258.313	ug/l	96
17) Carbon Disulfide	4.38	76	285342	50.274	ug/l	100
18) Methyl Acetate	4.68	43	43968	48.006	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	146339	51.247	ug/l	96
20) Methylene Chloride	4.92	84	108394	52.676	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	110962	50.211	ug/l	97
22) Diisopropyl ether	6.31	45	322751	51.647	ug/l	96
23) Vinyl Acetate	6.26	43	962557	258.963	ug/l	100
24) 1,1-Dichloroethane	6.22	63	199294	50.370	ug/l	100
25) 2-Butanone	7.18	43	135635	248.285	ug/l	98
26) 2,2-Dichloropropane	7.17	77	124014	49.962	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	120248	50.675	ug/l	99
28) Bromochloromethane	7.51	49	75063	47.856	ug/l	98
29) Tetrahydrofuran	7.54	42	82317	248.313	ug/l	98
30) Chloroform	7.68	83	203870	50.406	ug/l	99
31) Cyclohexane	7.95	56	181534	48.751	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	172640	50.905	ug/l	99
36) 1,1-Dichloropropene	8.08	75	167382	51.535	ug/l	100
37) Ethyl Acetate	7.26	43	59820	47.400	ug/l	98
38) Carbon Tetrachloride	8.07	117	160817	51.170	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201422	52.556	ug/l	99
40) Benzene	8.32	78	453489	50.972	ug/l	99
41) Methacrylonitrile	7.49	41	38155	53.254	ug/l	95
42) 1,2-Dichloroethane	8.40	62	142421	51.434	ug/l	100
43) Isopropyl Acetate	8.43	43	122790	49.846	ug/l	100
44) Trichloroethene	9.09	130	119512	50.786	ug/l	91
45) 1,2-Dichloropropane	9.37	63	111718	51.086	ug/l	100
46) Dibromomethane	9.46	93	57021	50.646	ug/l	99
47) Bromodichloromethane	9.65	83	150889	51.815	ug/l	98
48) Methyl methacrylate	9.44	41	57382	50.828	ug/l	98
49) 1,4-Dioxane	9.48	88	13630	979.213	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	304161	253.032	ug/l	100
52) Toluene	10.39	92	297734	52.003	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	147100	52.646	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	174333	52.159	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79000	50.603	ug/l	97
56) Ethyl methacrylate	10.65	69	101141	52.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	140326	50.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	247392	263.795	ug/l	99
59) 2-Hexanone	10.97	43	209380	261.006	ug/l	99
60) Dibromochloromethane	11.13	129	95440	52.934	ug/l	97
61) 1,2-Dibromoethane	11.24	107	75635	50.633	ug/l	96
64) Tetrachloroethene	10.87	164	100266	51.526	ug/l	94
65) Chlorobenzene	11.66	112	306812	51.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	110747	52.043	ug/l	99
67) Ethyl Benzene	11.73	91	586125	52.634	ug/l	96
68) m/p-Xylenes	11.84	106	441189	105.468	ug/l	100
69) o-Xylene	12.17	106	200142	52.415	ug/l	97
70) Styrene	12.18	104	356308	54.232	ug/l	100
71) Bromoform	12.35	173	50727	52.226	ug/l #	98
73) Isopropylbenzene	12.47	105	571762	50.704	ug/l	98
74) N-amyl acetate	12.27	43	120196	49.822	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	90648	48.380	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66784m	47.474	ug/l	
77) Bromobenzene	12.75	156	125496	49.633	ug/l	97
78) n-propylbenzene	12.80	91	700299	51.165	ug/l	100
79) 2-Chlorotoluene	12.90	91	390173	49.988	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	490600	51.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	27338	44.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	411796	50.522	ug/l	100
83) tert-Butylbenzene	13.21	119	409655	51.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	495407	51.616	ug/l	99
85) sec-Butylbenzene	13.38	105	600093	52.077	ug/l	99
86) p-Isopropyltoluene	13.50	119	541829	51.493	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	252341	49.787	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	249309	50.246	ug/l	100
89) n-Butylbenzene	13.82	91	520687	51.709	ug/l	99
90) Hexachloroethane	14.10	117	97832	51.295	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	213452	48.610	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14516	48.488	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	139569	50.415	ug/l	99
94) Hexachlorobutadiene	15.24	225	84513	48.082	ug/l	97
95) Naphthalene	15.37	128	241092	46.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	116685	49.534	ug/l	99

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

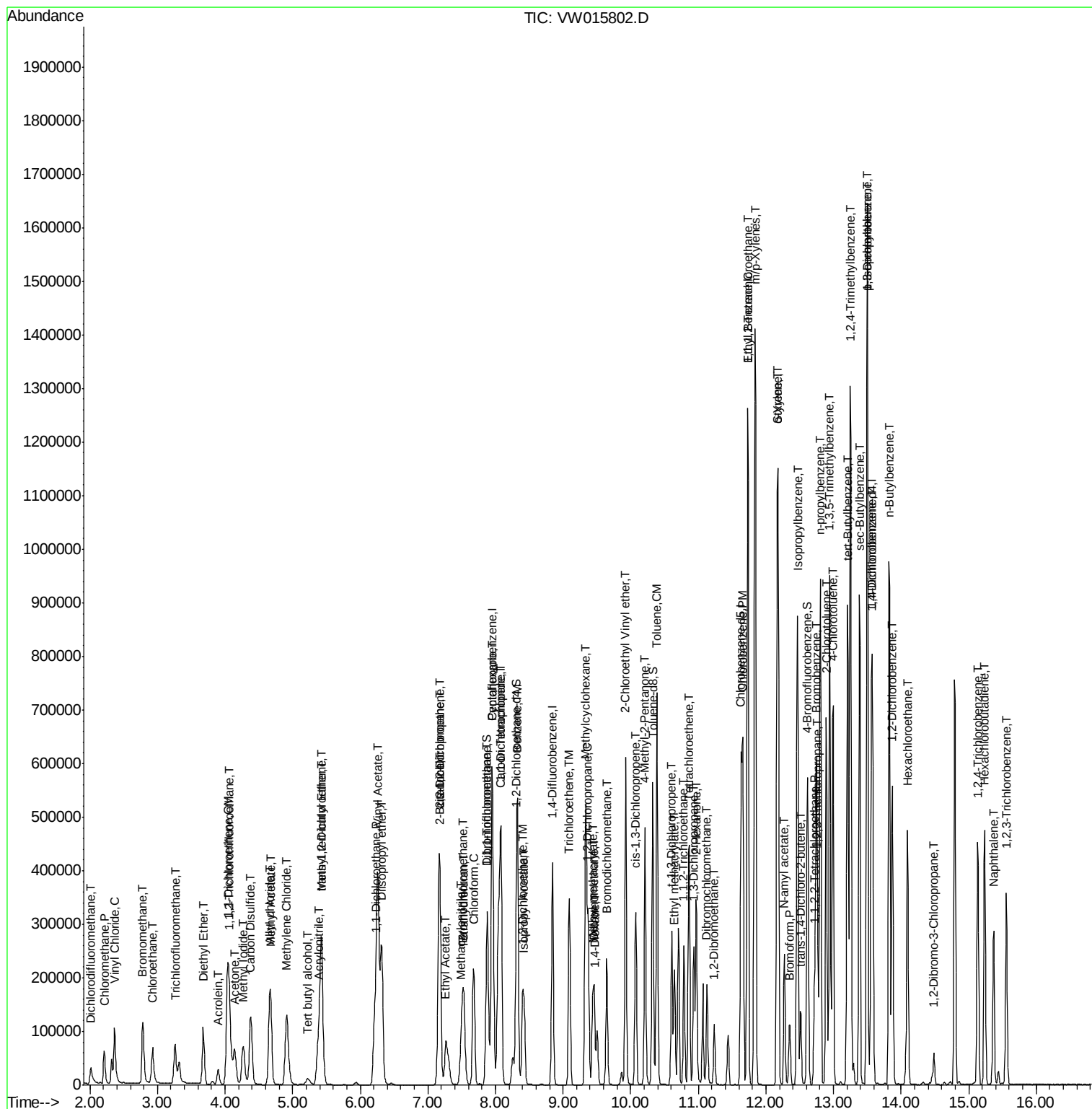
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070820\
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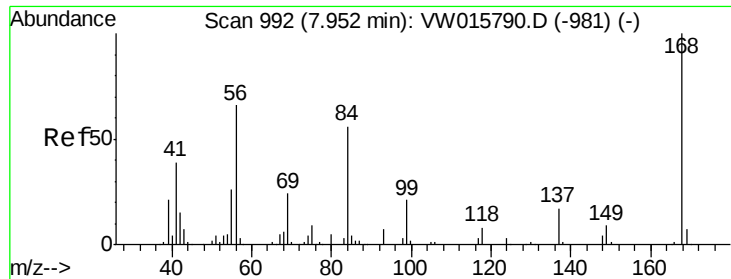
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 208876

Ion Ratio Lower Upper

168 100

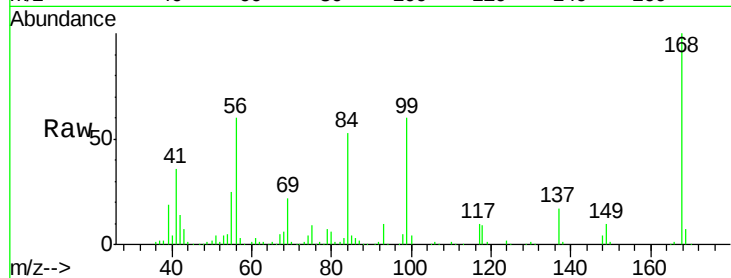
99 59.5 47.8 71.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

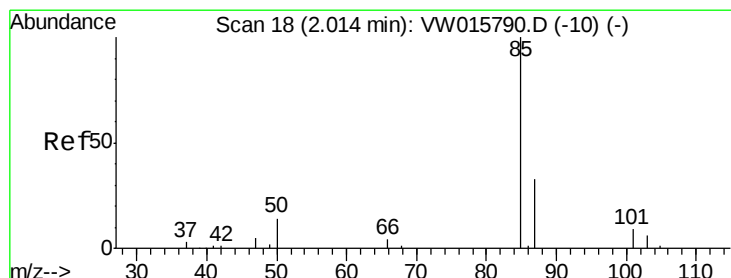
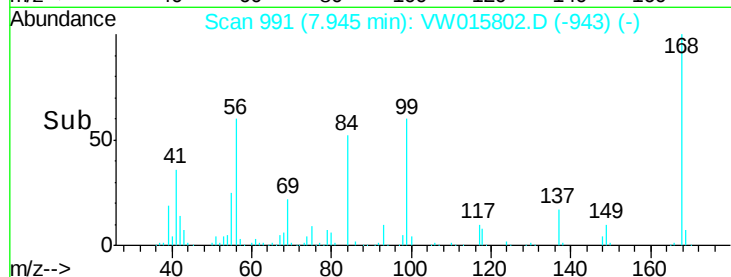
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.092 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015802.D

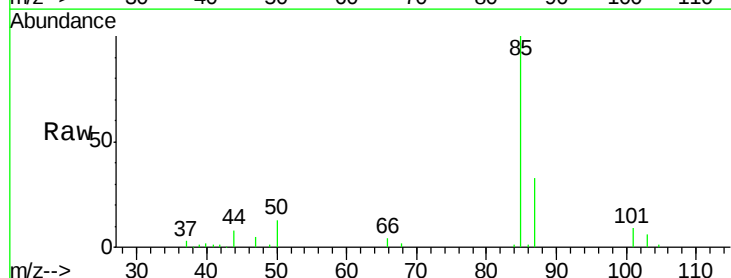
Acq: 08 Jul 2020 11:24

Tgt Ion: 85 Resp: 55104

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

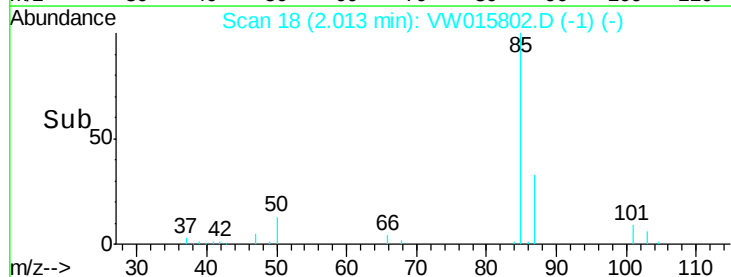
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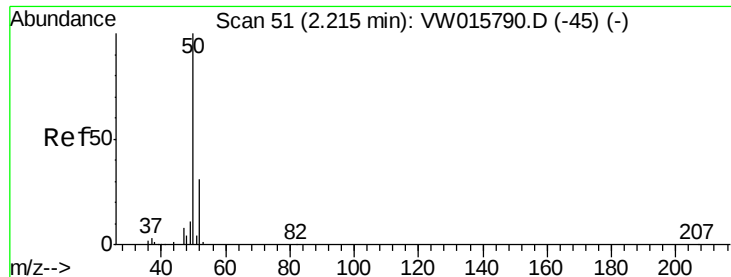
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 44.109 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 65897

Ion Ratio Lower Upper

50 100

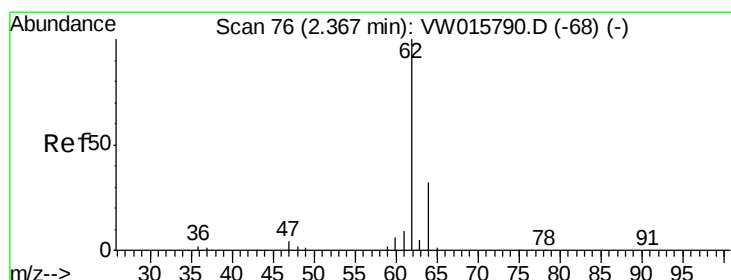
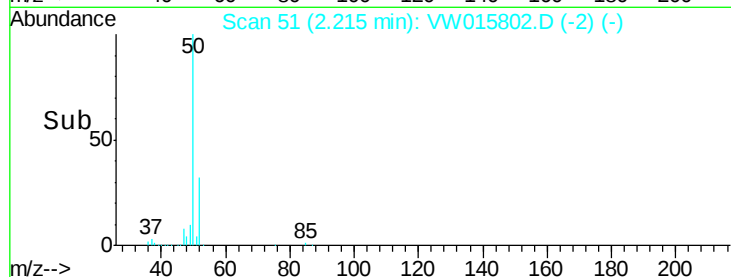
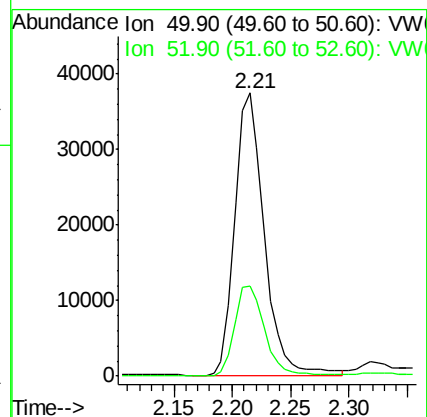
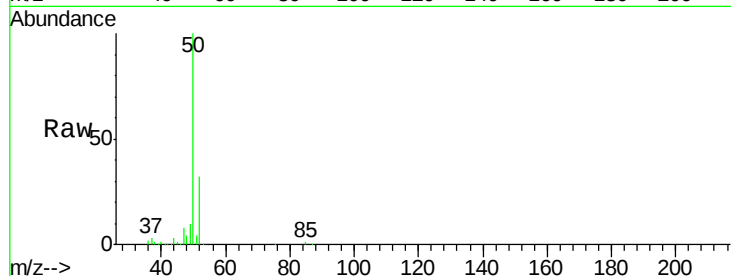
52 31.9 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.242 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015802.D

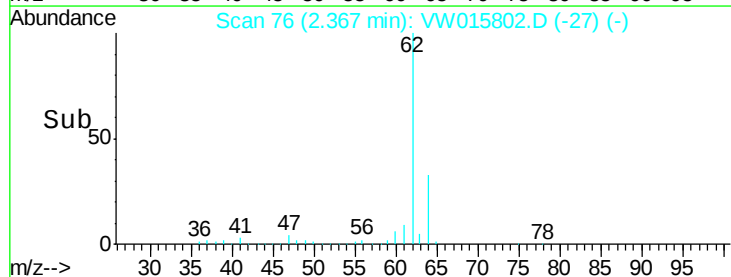
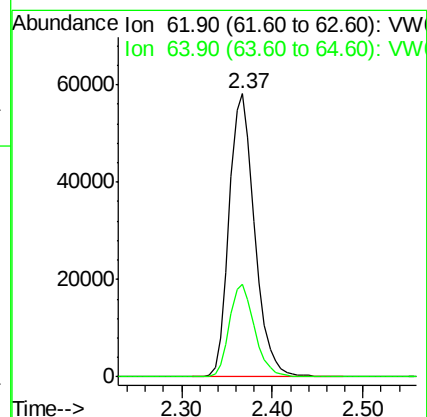
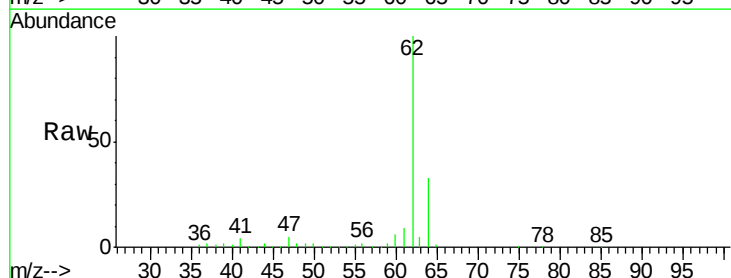
Acq: 08 Jul 2020 11:24

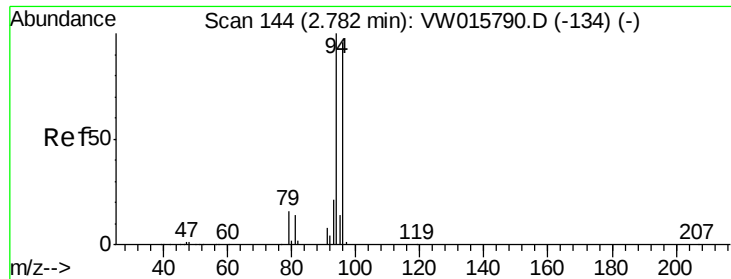
Tgt Ion: 62 Resp: 113585

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 49.569 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 87489

Ion Ratio Lower Upper

94 100

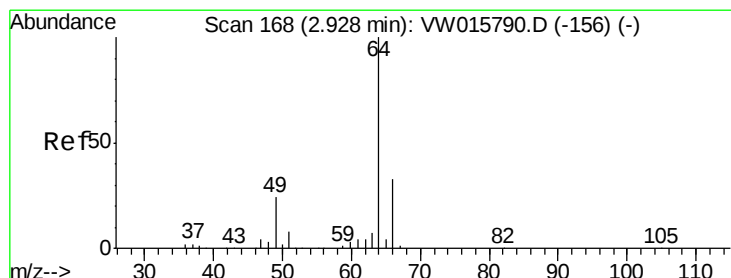
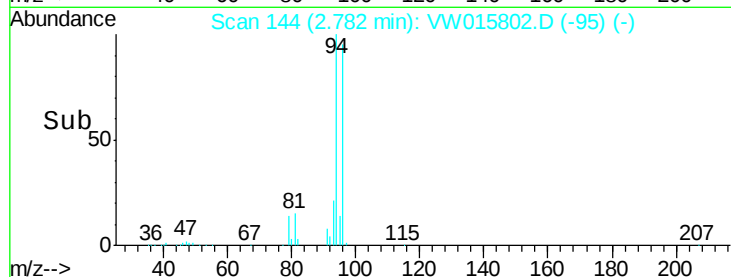
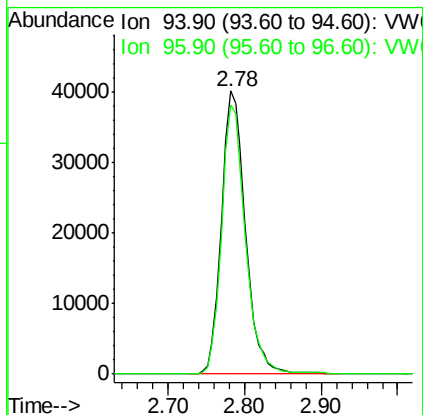
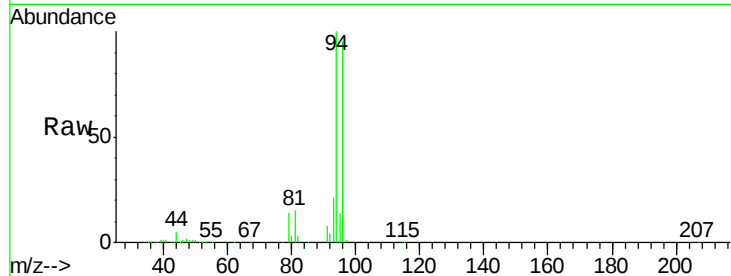
96 95.2 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 52.216 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015802.D

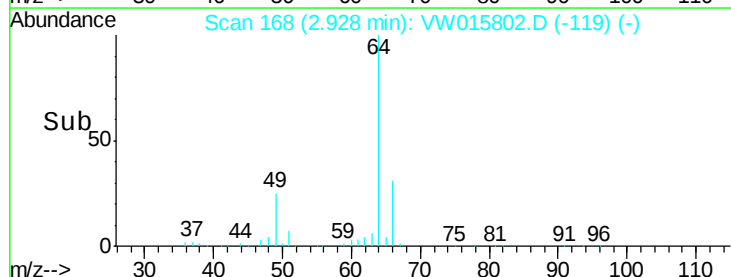
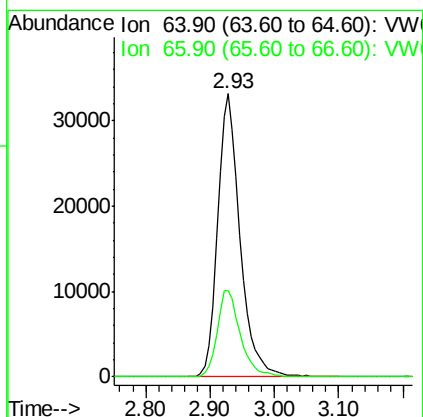
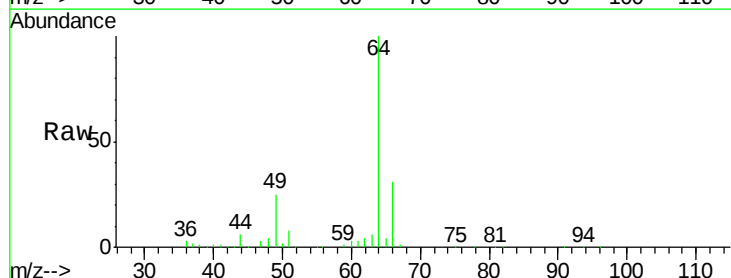
Acq: 08 Jul 2020 11:24

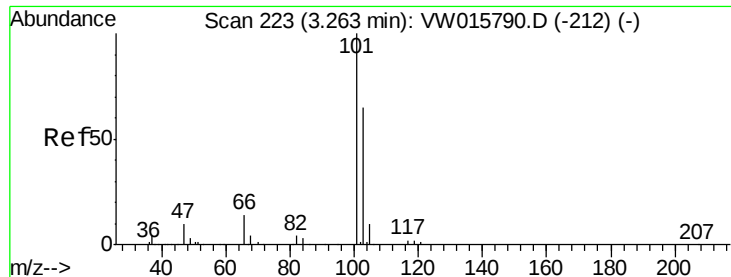
Tgt Ion: 64 Resp: 81285

Ion Ratio Lower Upper

64 100

66 30.6 26.0 39.0





#7

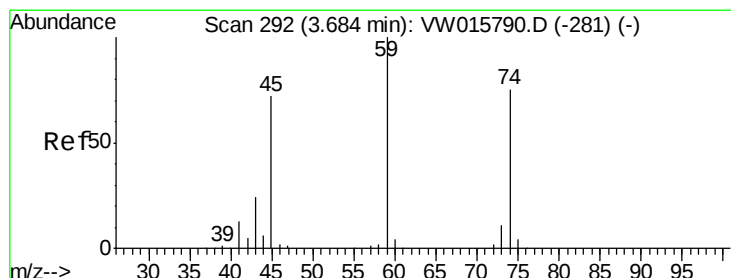
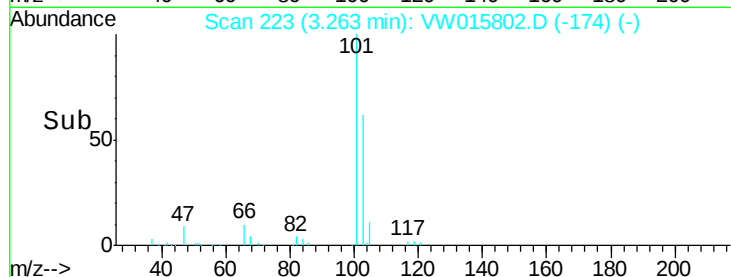
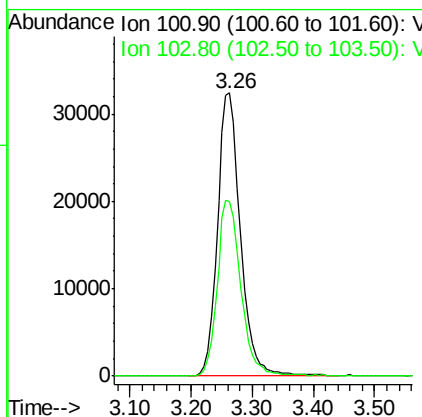
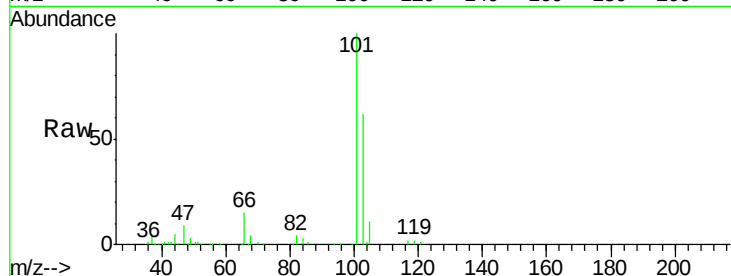
Trichlorofluoromethane
Concen: 51.267 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015802.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	52.2	78.4

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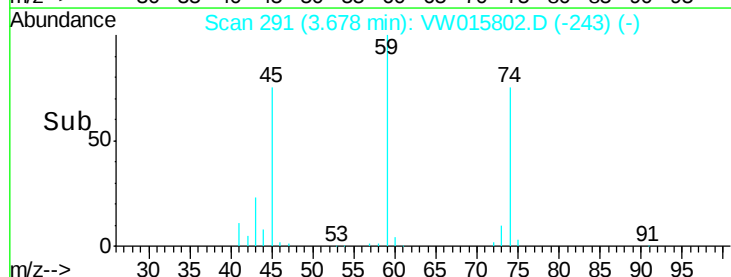
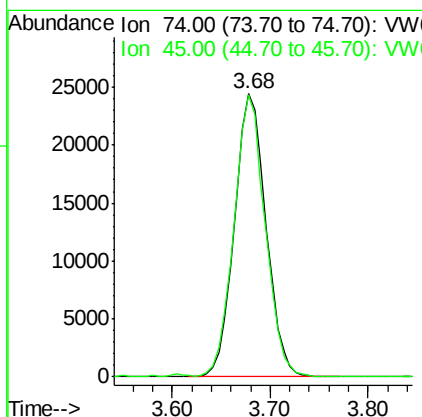
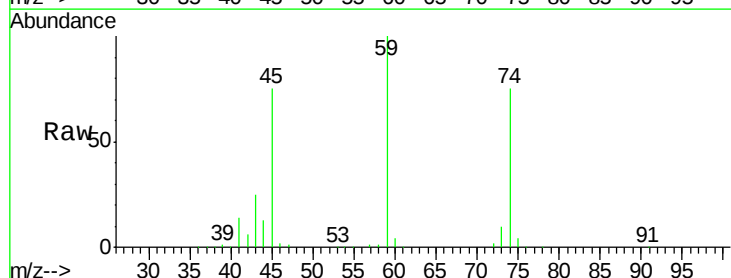
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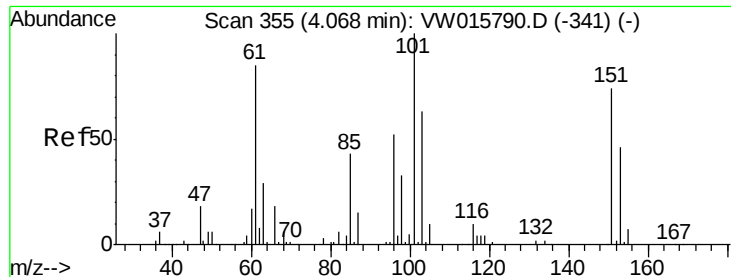


#8

Diethyl Ether
Concen: 52.988 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015802.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.753 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

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MSVOA_W

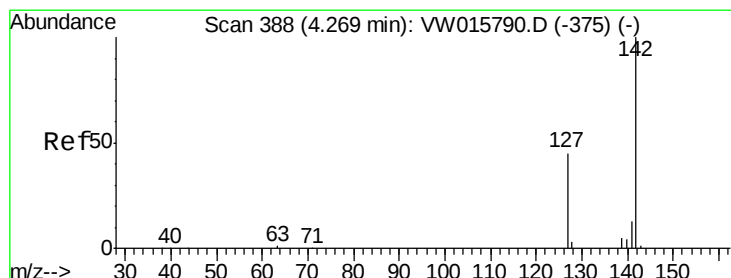
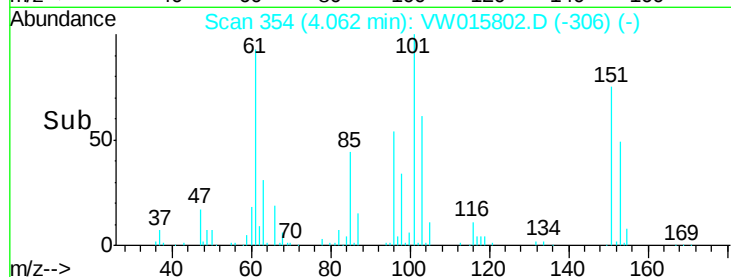
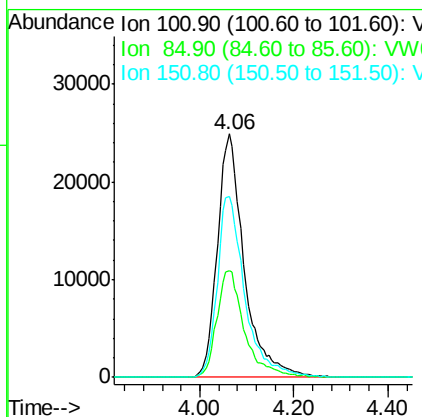
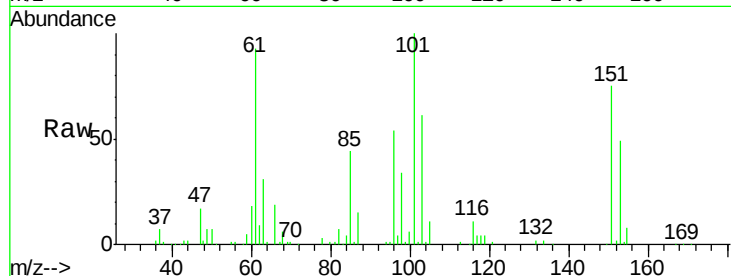
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	98489
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.1	54.1
151	76.1	60.3	90.5

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#10

Methyl Iodide

Concen: 50.537 ug/l

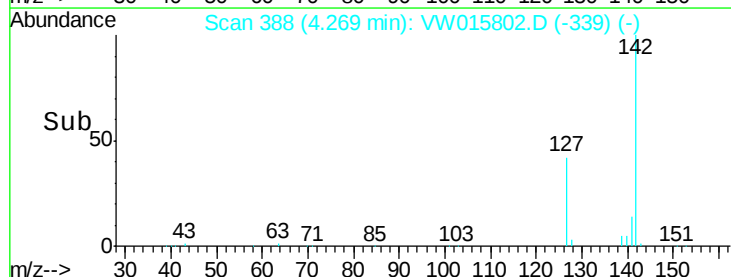
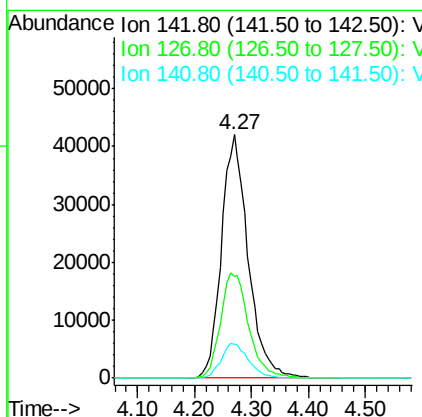
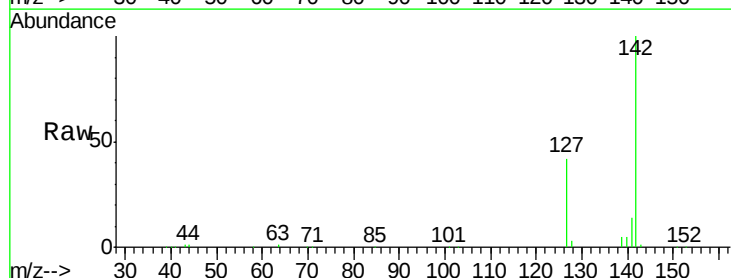
RT: 4.27 min Scan# 388

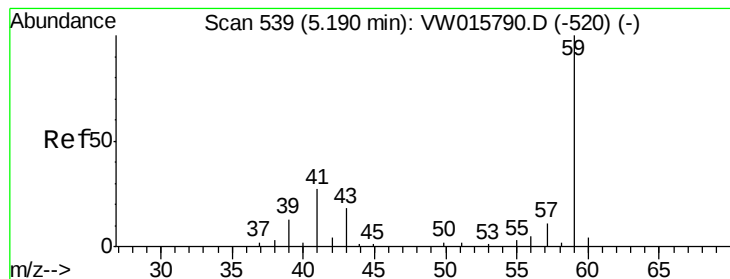
Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	142	Resp:	137118
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.1	54.1
141	14.5	11.7	17.5





#11

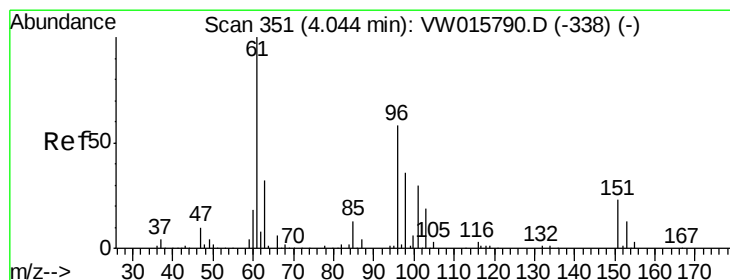
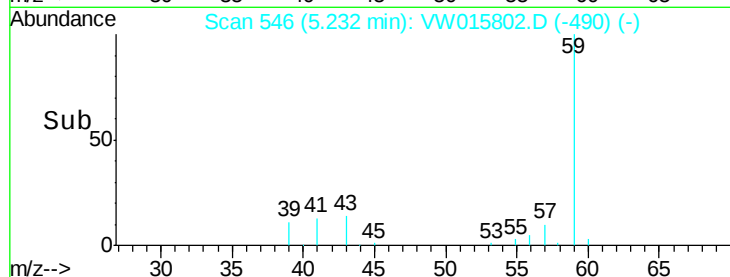
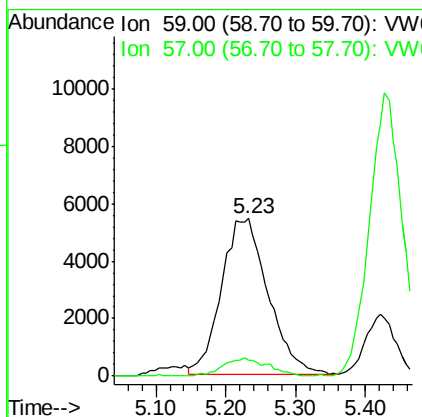
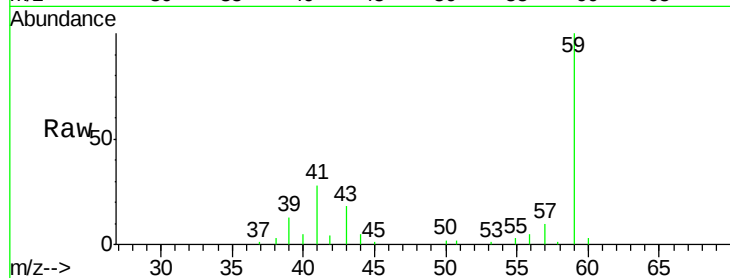
Tert butyl alcohol
Concen: 222.449 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.04 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.7	13.1

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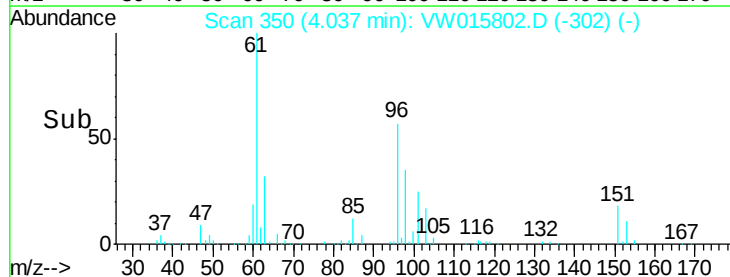
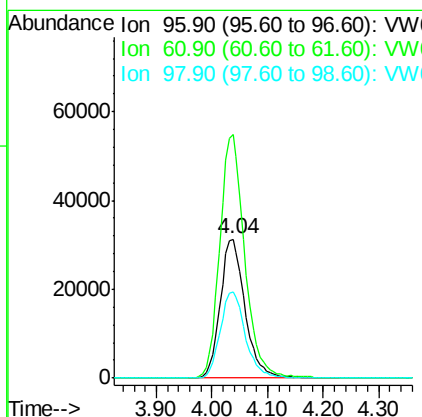
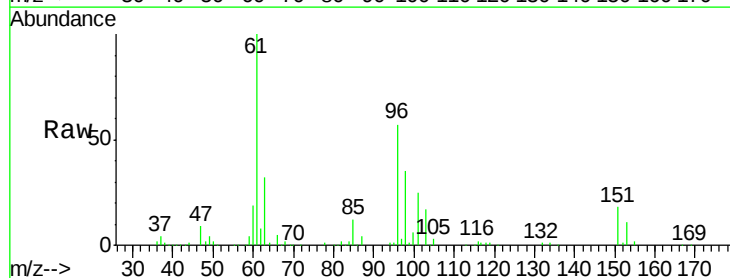
MMDadoda
7/9/2020 10:47:26 AM

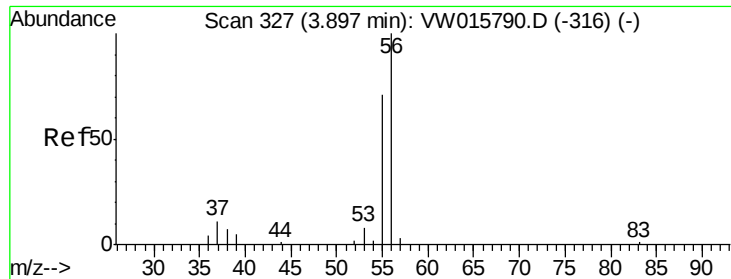


#12

1,1-Dichloroethene
Concen: 50.488 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.1	137.0	205.4
98	61.9	49.3	73.9





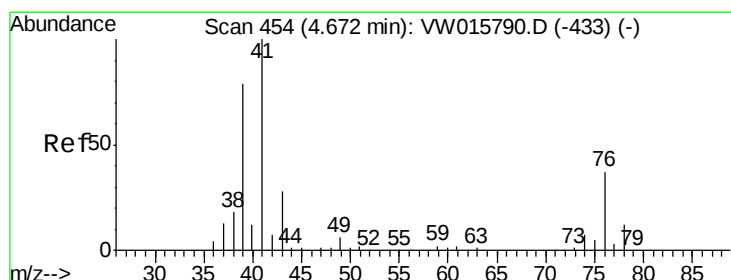
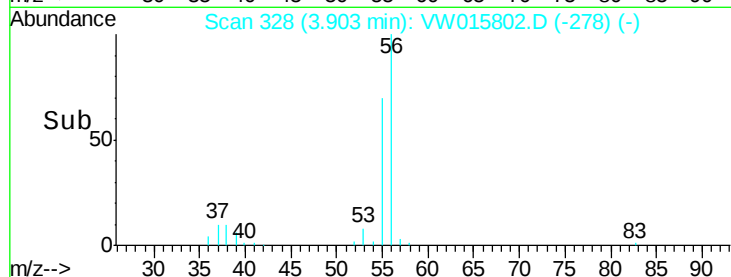
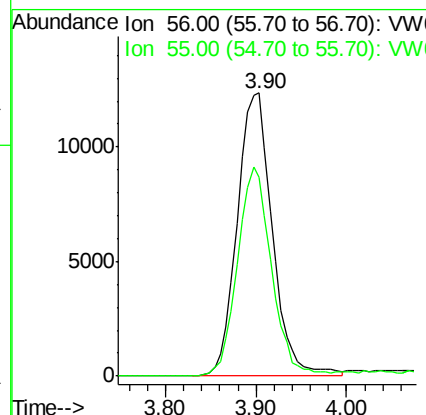
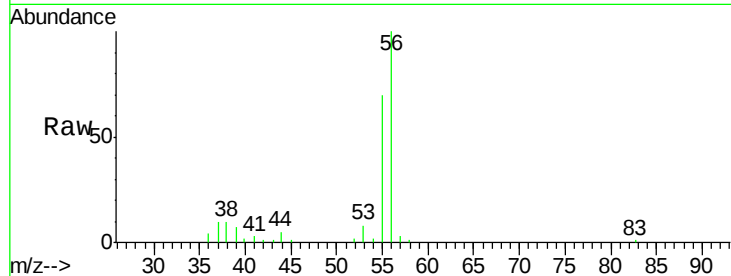
#13
Acrolein
Concen: 223.322 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 56 Resp: 33322
Ion Ratio Lower Upper
56 100
55 71.3 55.8 83.6

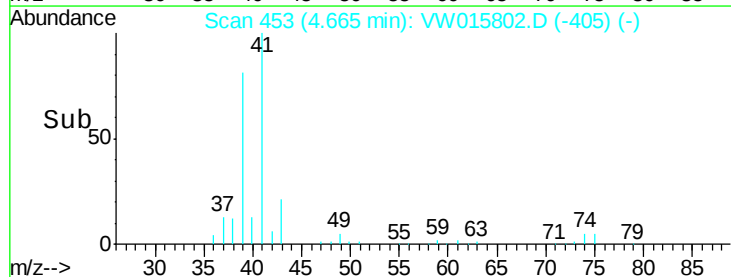
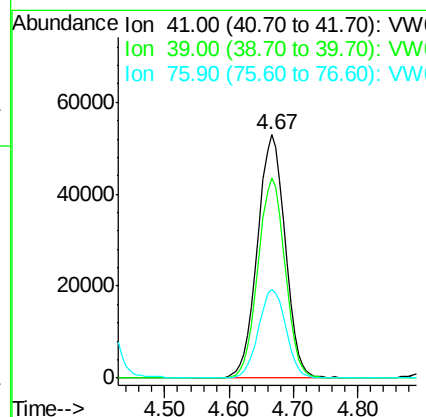
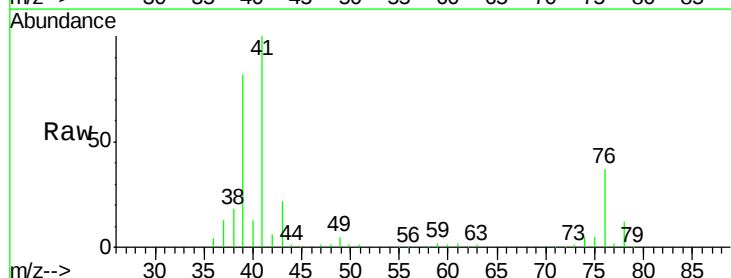
Manual Integrations
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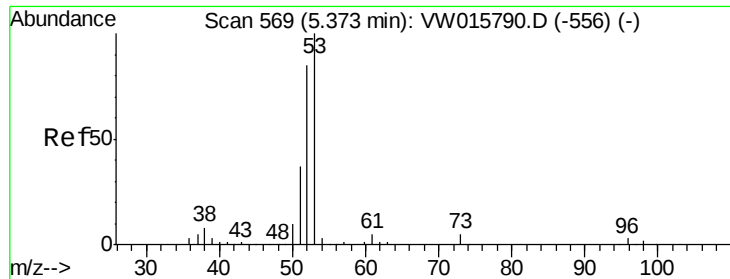
MMDadoda
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#14
Allyl chloride
Concen: 50.635 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 41 Resp: 157023
Ion Ratio Lower Upper
41 100
39 80.3 64.0 96.0
76 35.9 28.9 43.3





#15

Acrylonitrile

Concen: 246.565 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

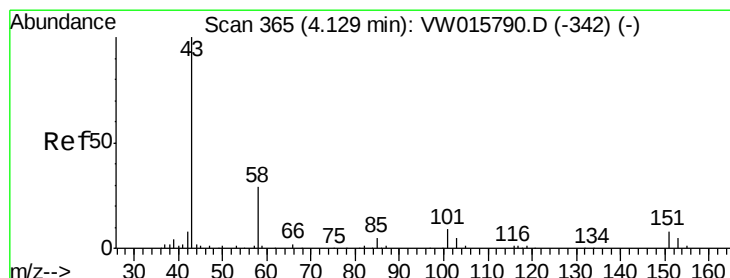
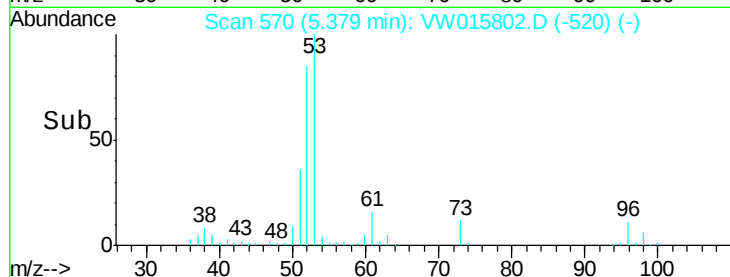
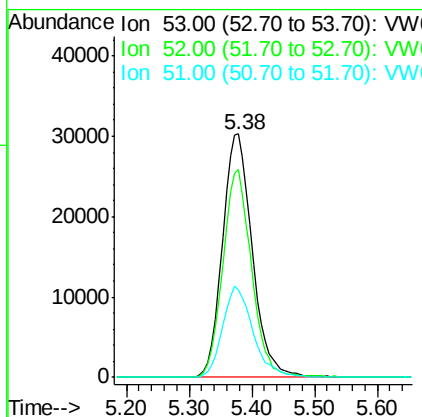
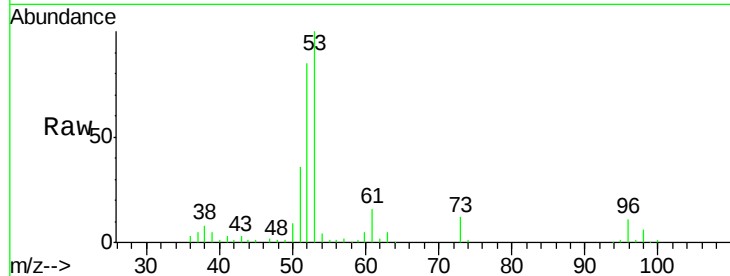
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	99575
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.8
51	38.3	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 258.313 ug/l

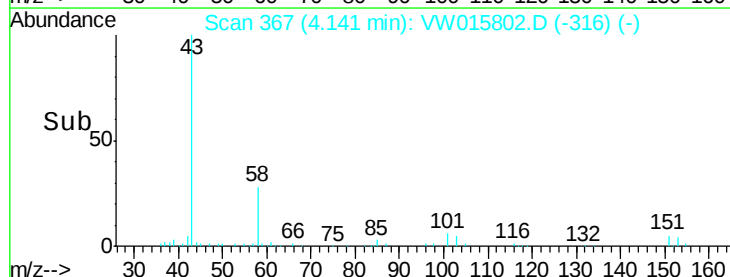
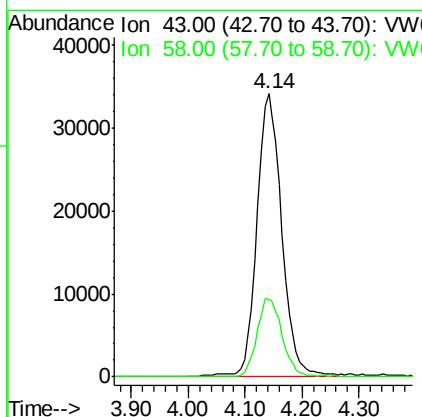
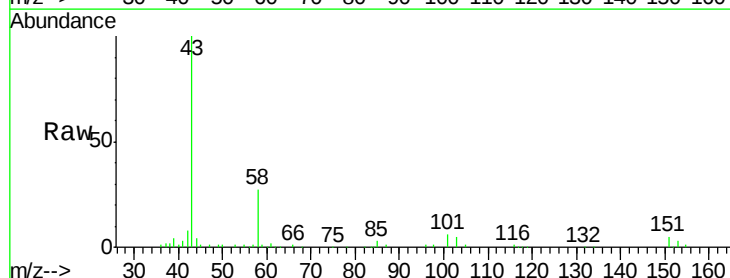
RT: 4.14 min Scan# 367

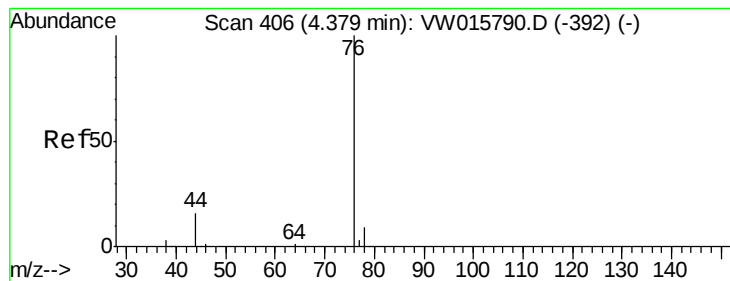
Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	43	Resp:	103959
Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.5	35.3





#17

Carbon Disulfide

Concen: 50.274 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 285342

Ion Ratio Lower Upper

76 100

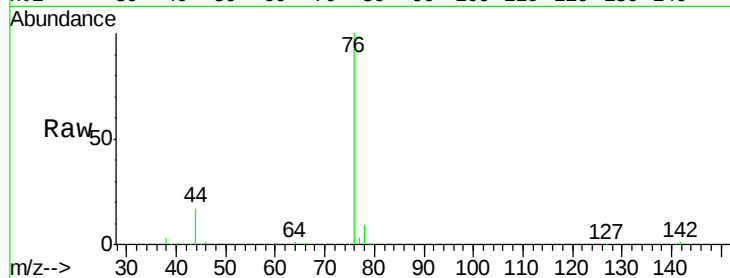
78 9.3 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

100000

80000

60000

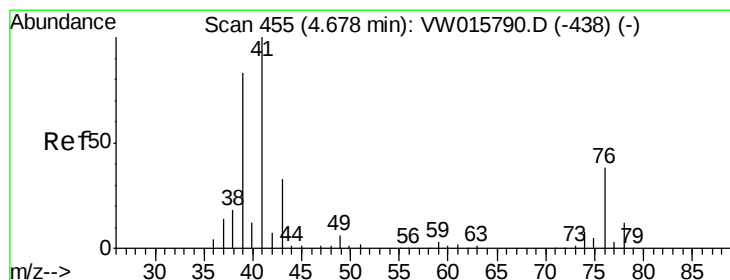
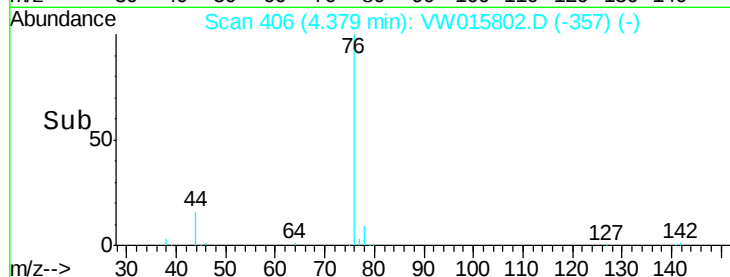
40000

20000

0

Time-->

4.20 4.30 4.40 4.50 4.60



#18

Methyl Acetate

Concen: 48.006 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW015802.D

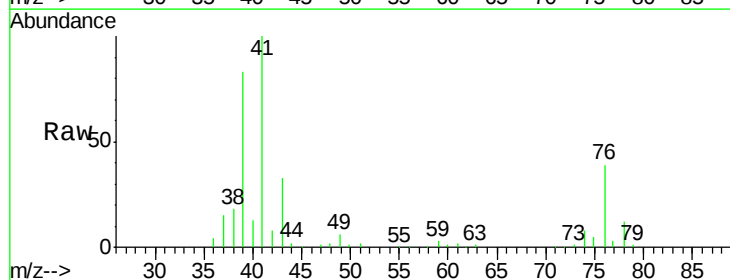
Acq: 08 Jul 2020 11:24

Tgt Ion: 43 Resp: 43968

Ion Ratio Lower Upper

43 100

74 23.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

15000

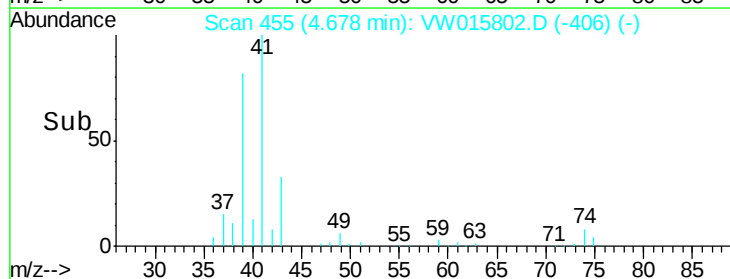
10000

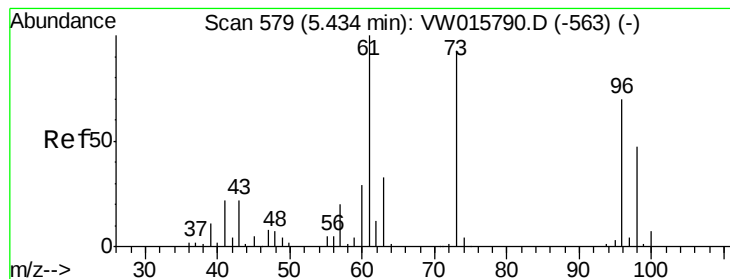
5000

0

Time-->

4.50 4.60 4.70 4.80 4.90





#19

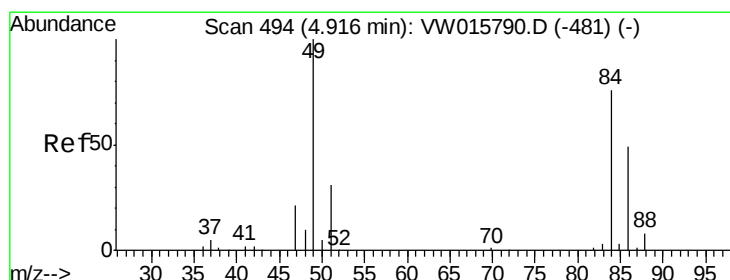
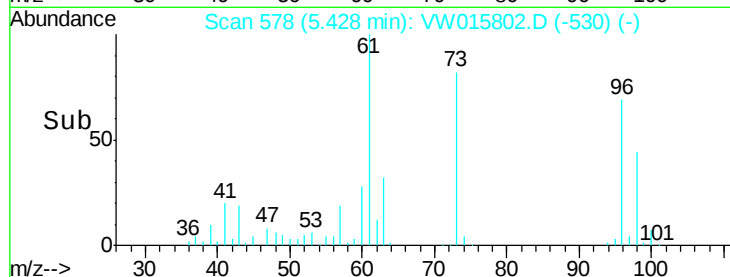
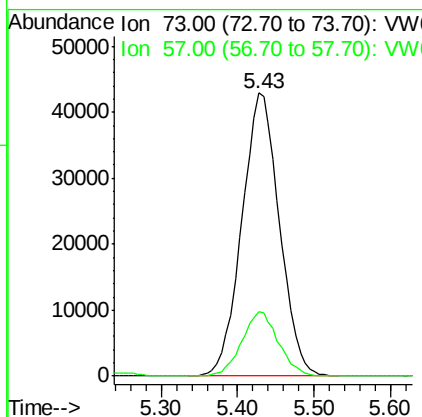
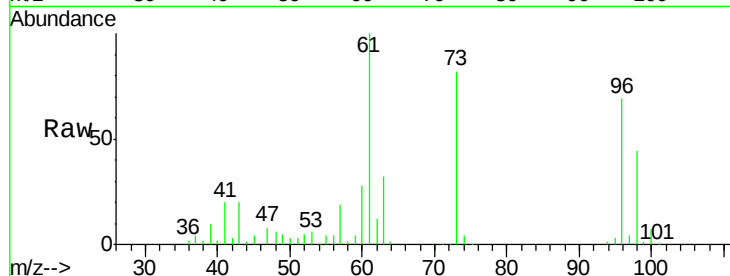
Methyl tert-butyl Ether
 Concen: 51.247 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	16.8	25.2

Manual Integrations
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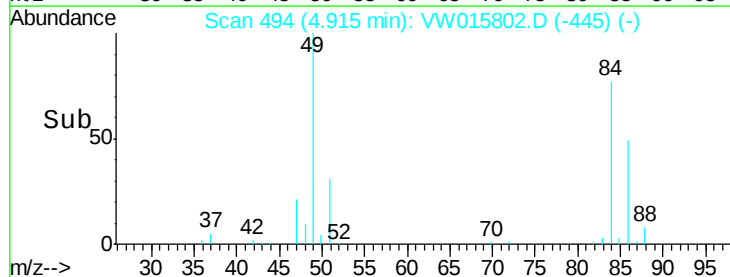
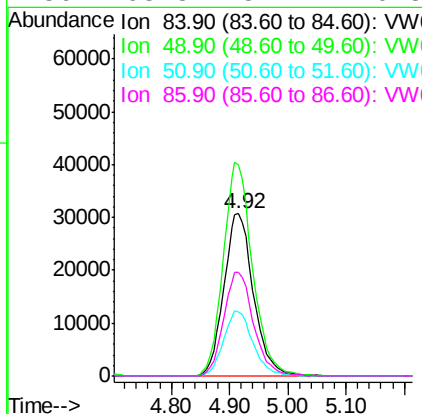
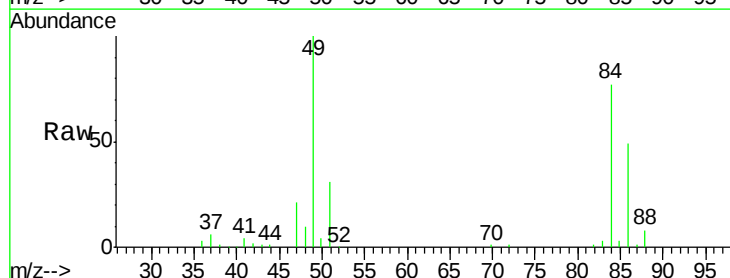
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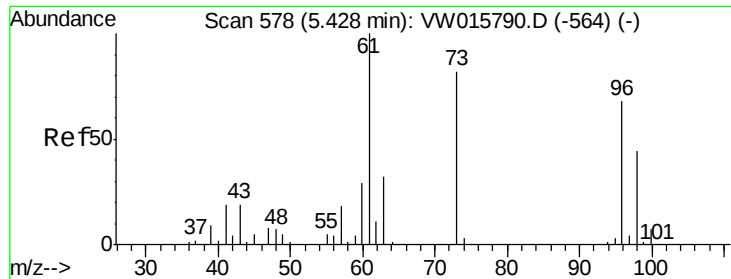


#20

Methylene Chloride
 Concen: 52.676 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.0	105.0	157.6
51	39.8	32.3	48.5
86	63.8	51.2	76.8





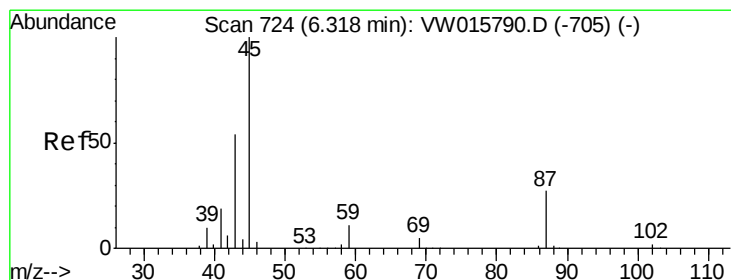
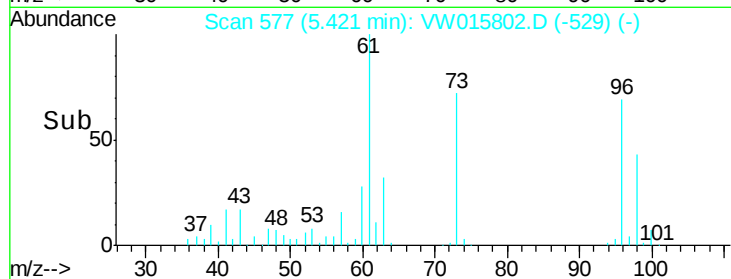
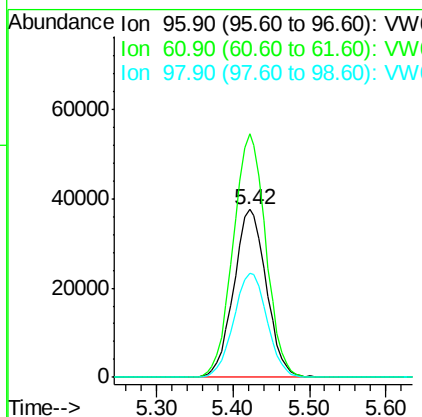
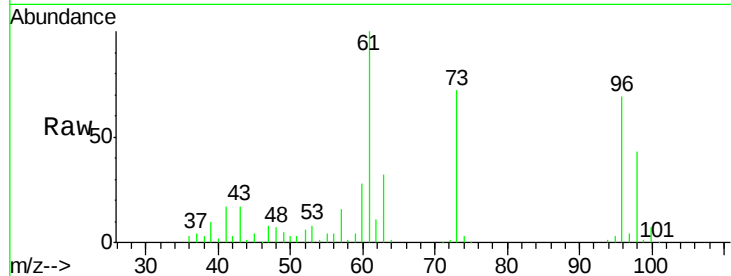
#21
trans-1,2-Dichloroethene
Concen: 50.211 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	118.1	177.1
98	62.3	52.6	78.8

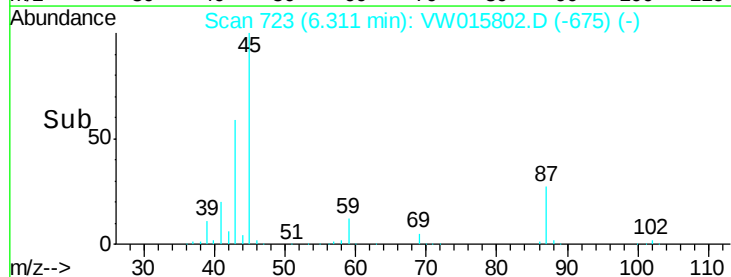
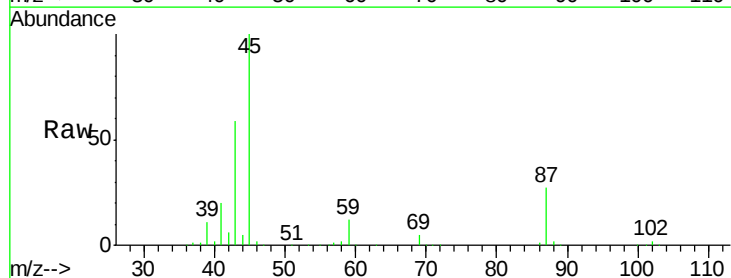
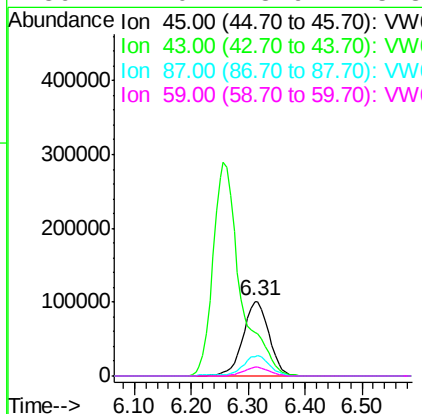
Manual Integrations
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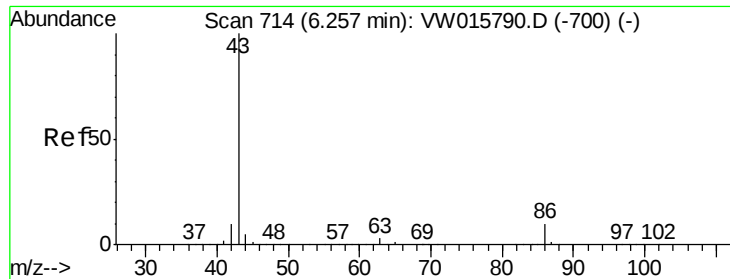
MMDadoda
7/9/2020 10:47:26 AM



#22
Diisopropyl ether
Concen: 51.647 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.0	43.8	65.6
87	26.5	22.1	33.1
59	12.0	8.9	13.3





#23

Vinyl Acetate

Concen: 258.963 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 962557

Ion Ratio Lower Upper

43 100

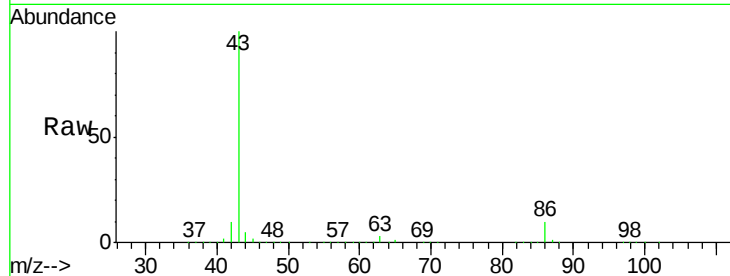
86 10.4 8.2 12.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

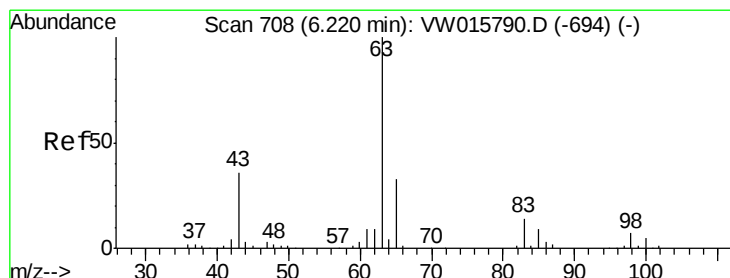
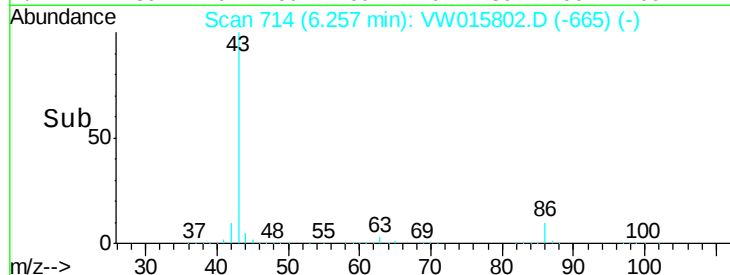
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.370 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

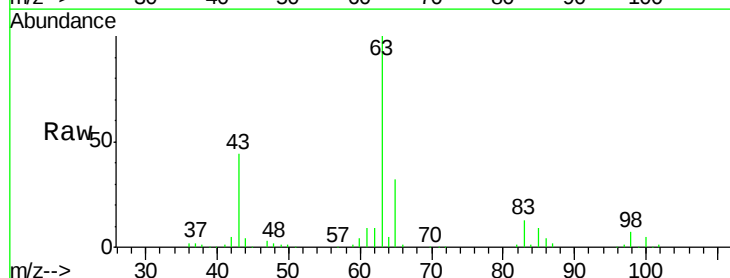
Tgt Ion: 63 Resp: 199294

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

80000

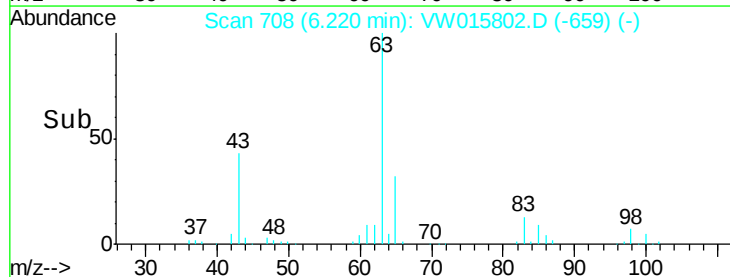
60000

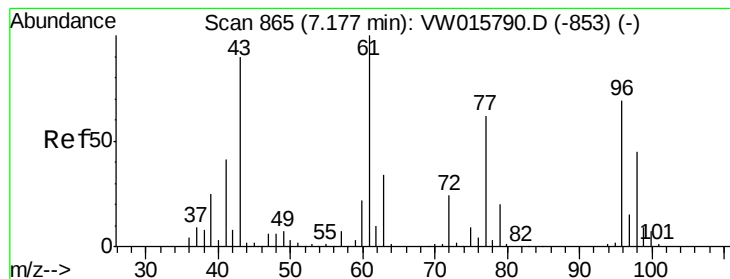
40000

20000

0

Time-->





#25

2-Butanone

Concen: 248.285 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 135635

Ion Ratio Lower Upper

43 100

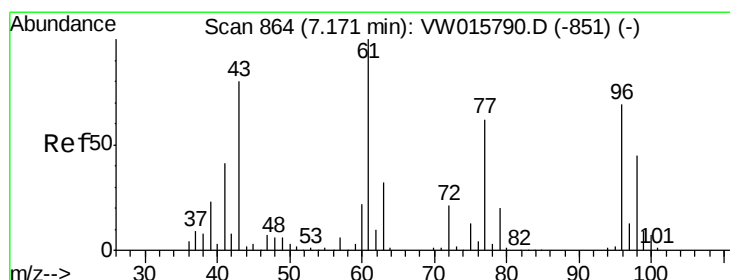
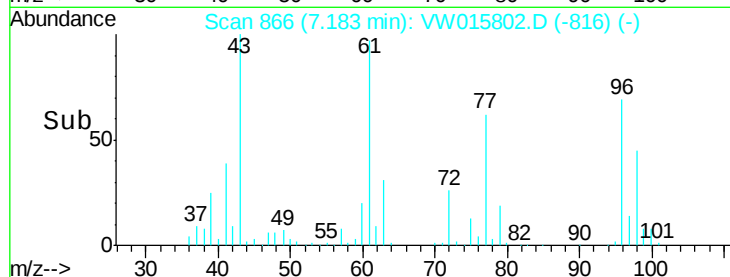
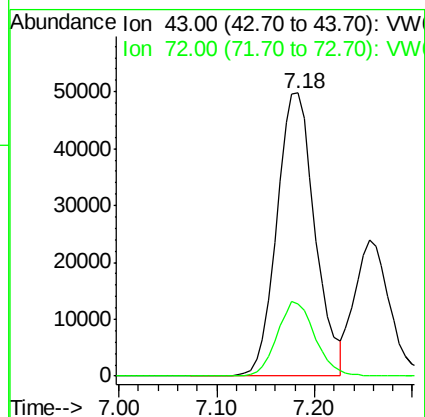
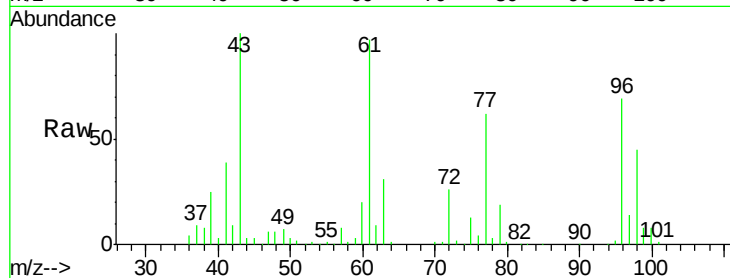
72 25.5 21.3 31.9

Manual Integrations

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MMDadoda

7/9/2020 10:47:26 AM



#26

2,2-Dichloropropane

Concen: 49.962 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015802.D

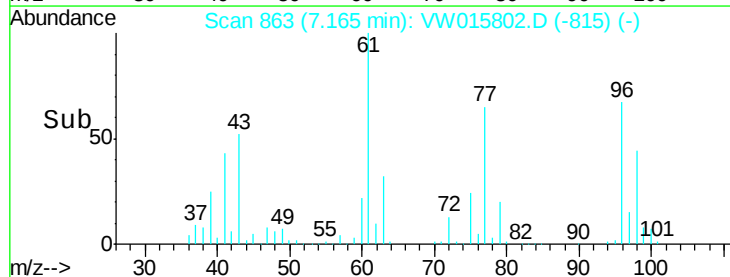
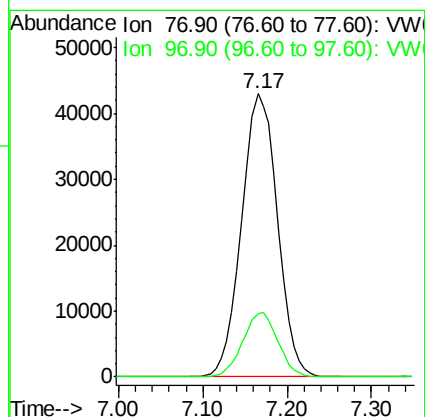
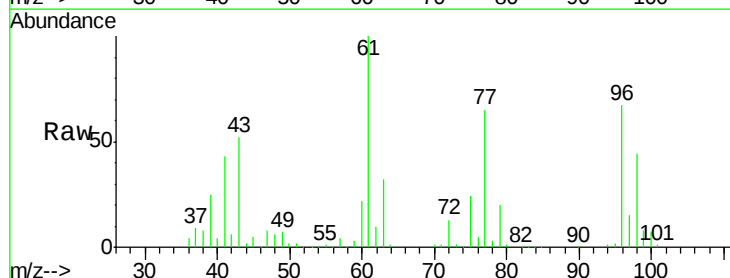
Acq: 08 Jul 2020 11:24

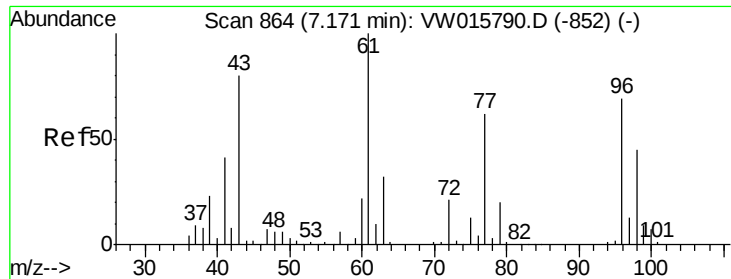
Tgt Ion: 77 Resp: 124014

Ion Ratio Lower Upper

77 100

97 22.2 11.0 33.0





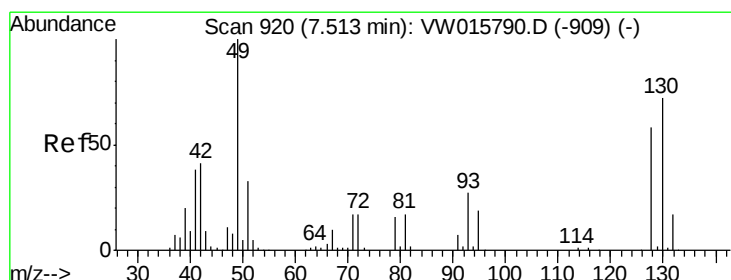
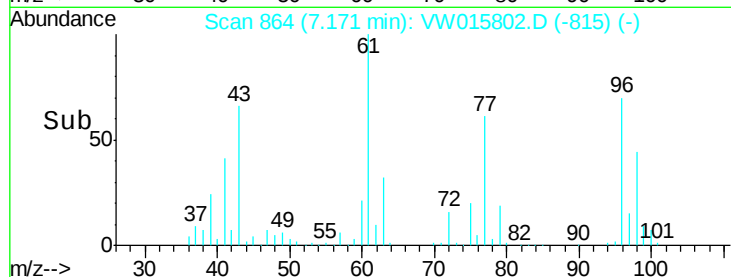
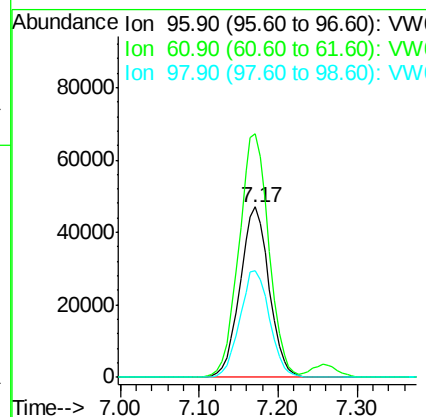
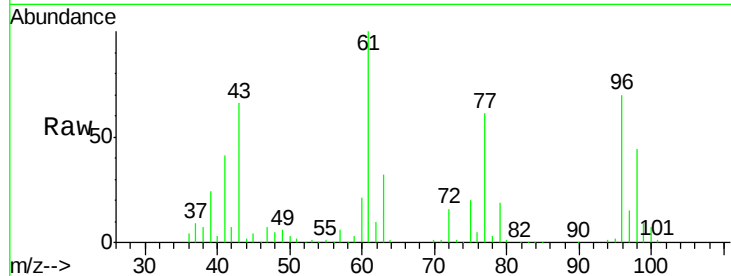
#27
 cis-1,2-Dichloroethene
 Concen: 50.675 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	120248		
61	147.3	0.0	292.2	
98	64.2	0.0	129.0	

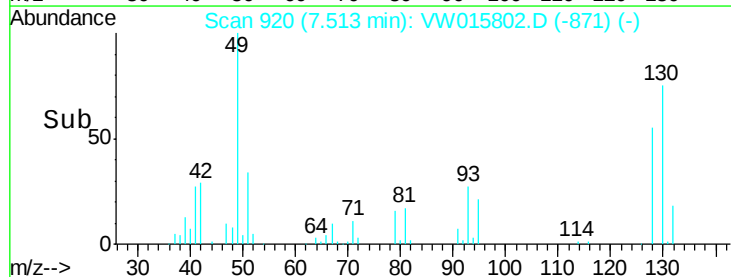
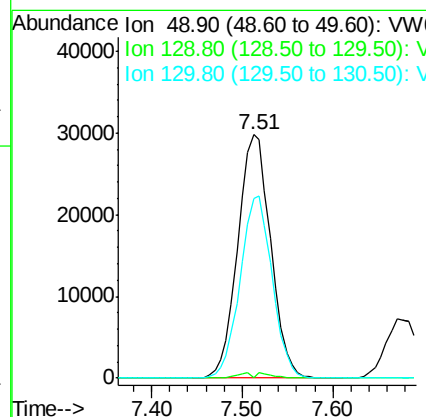
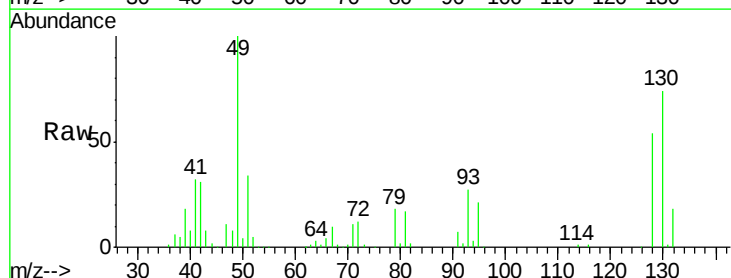
Manual Integrations
 APPROVED

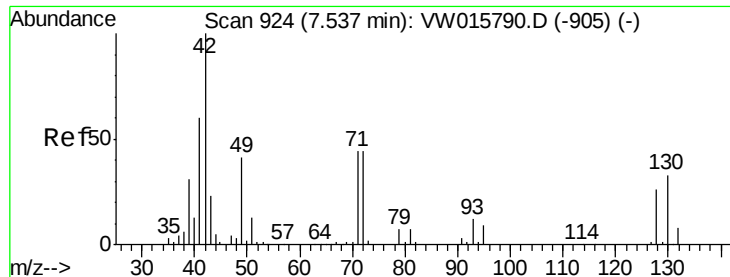
MMDadoda
 7/9/2020 10:47:26 AM



#28
 Bromochloromethane
 Concen: 47.856 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75063		
129	1.0	0.0	2.6	
130	72.7	59.5	89.3	





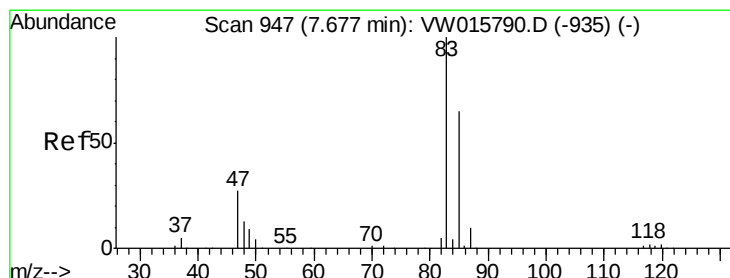
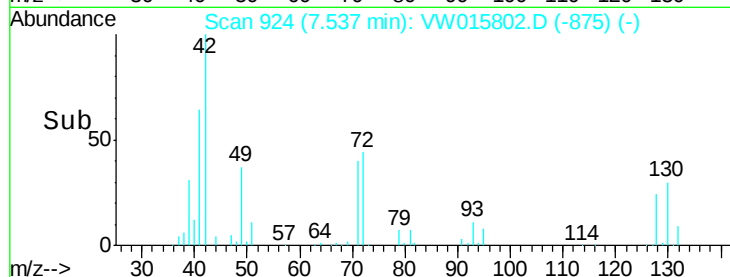
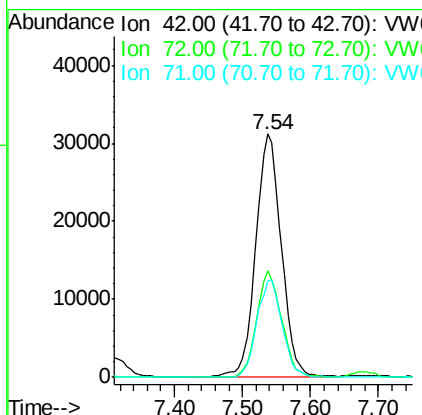
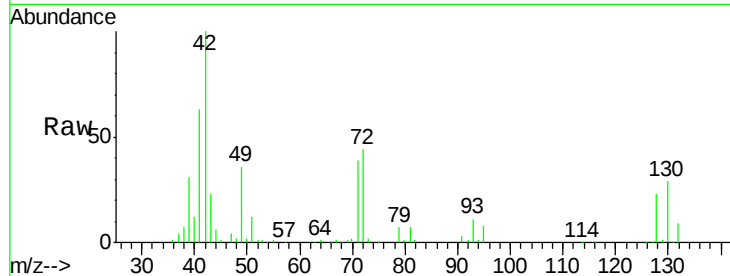
#29
Tetrahydrofuran
Concen: 248.313 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.6	51.8
71	39.7	32.8	49.2

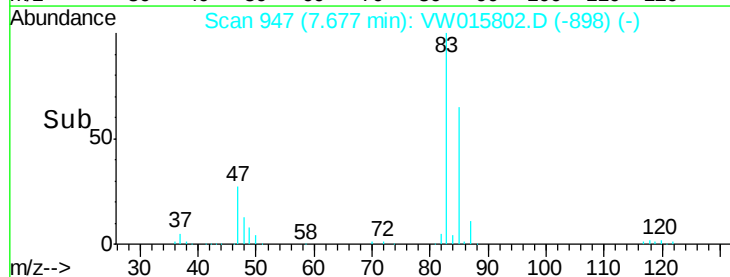
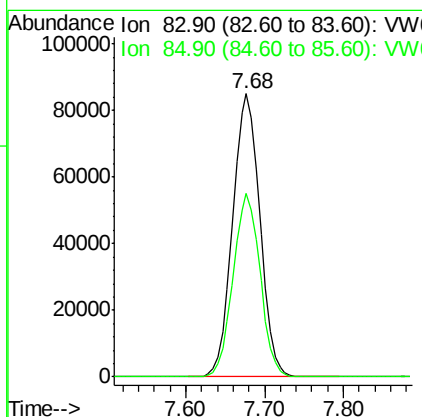
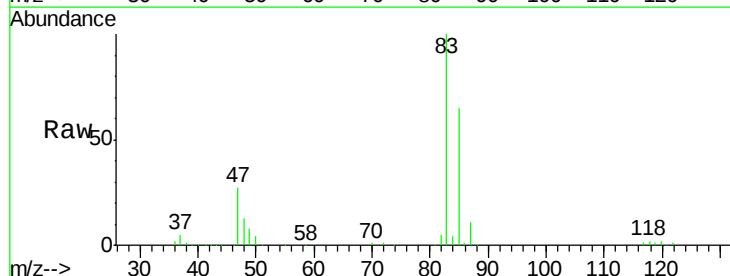
Manual Integrations
APPROVED

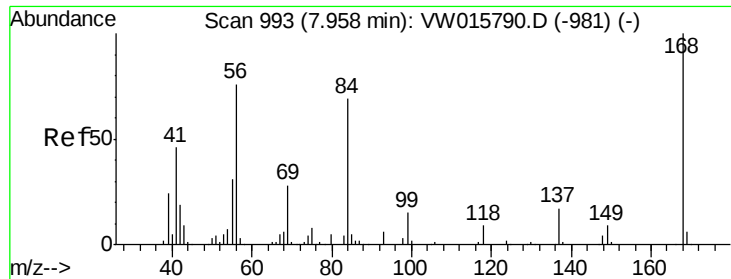
MMDadoda
7/9/2020 10:47:26 AM



#30
Chloroform
Concen: 50.406 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4





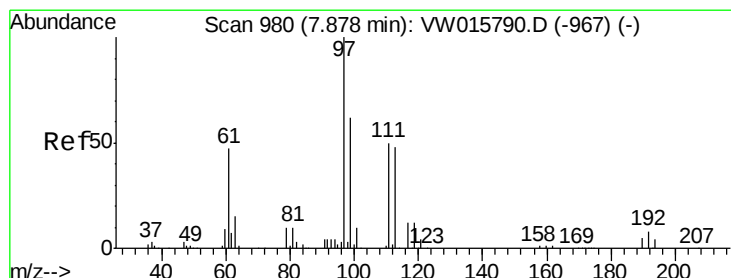
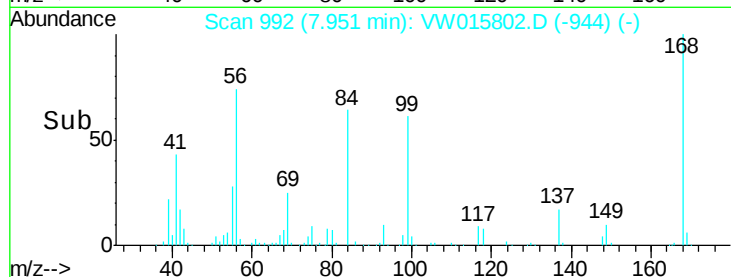
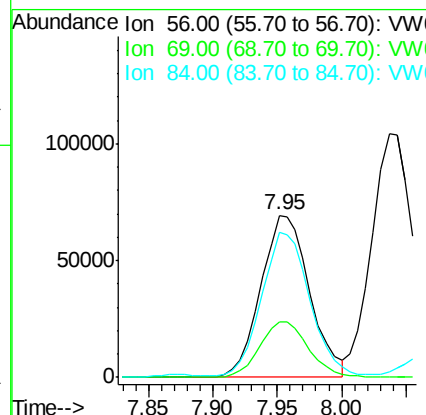
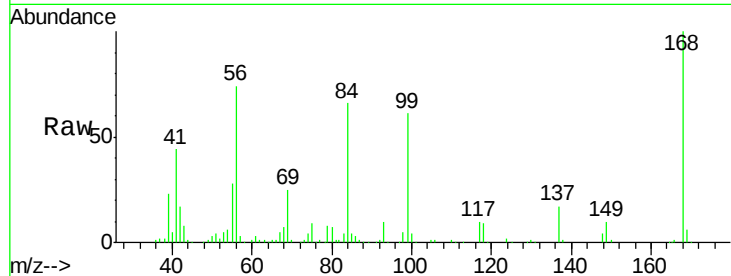
#31
Cyclohexane
Concen: 48.751 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	28.9	43.3
84	88.0	72.2	108.4

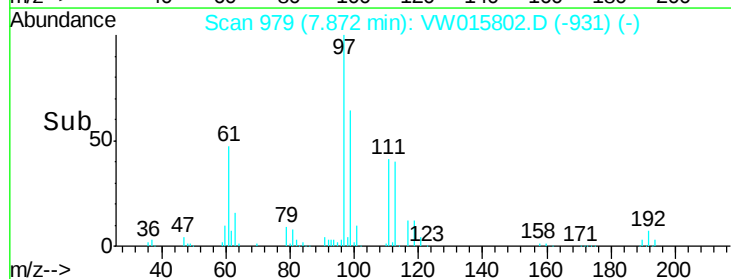
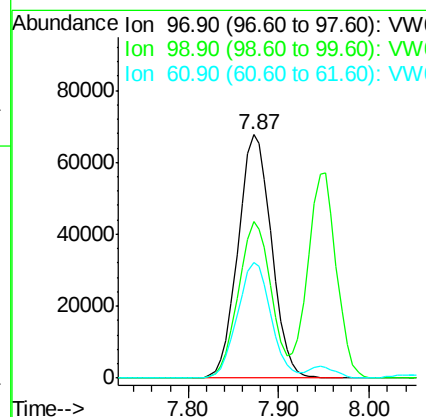
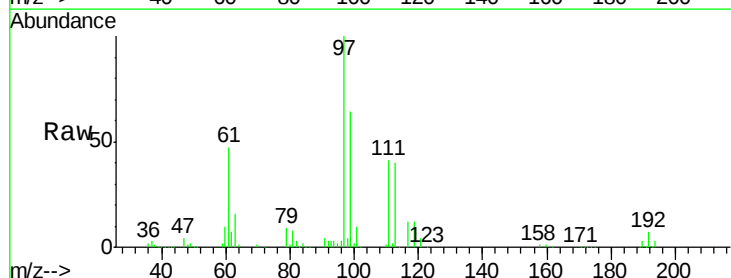
Manual Integrations
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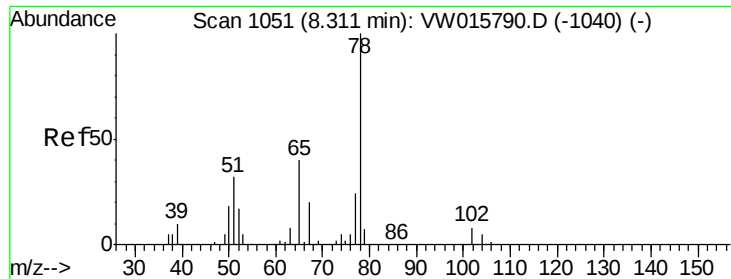
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.905 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	47.7	38.6	57.8





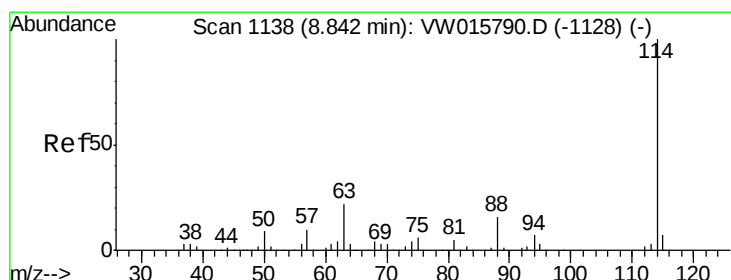
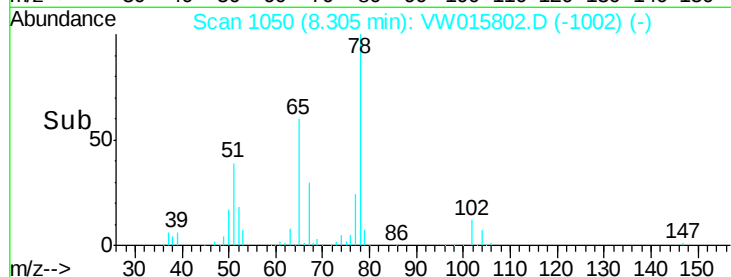
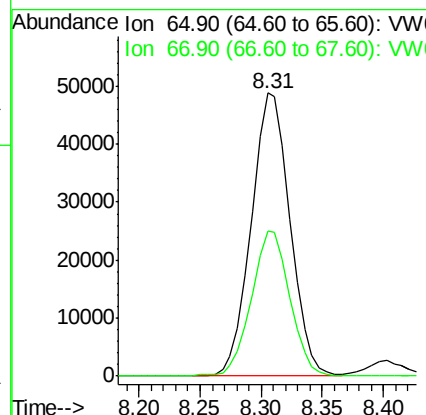
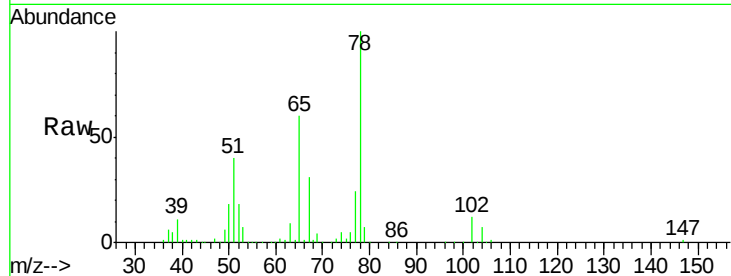
#33
 1,2-Dichloroethane-d4
 Concen: 50.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	101.4	

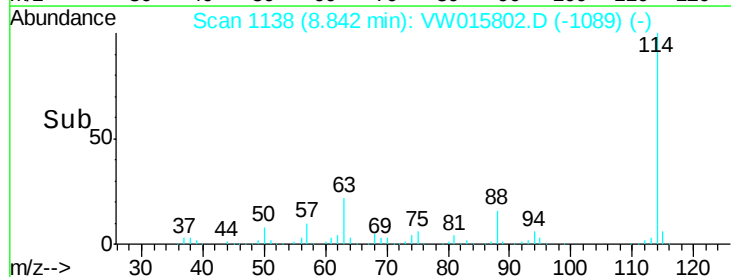
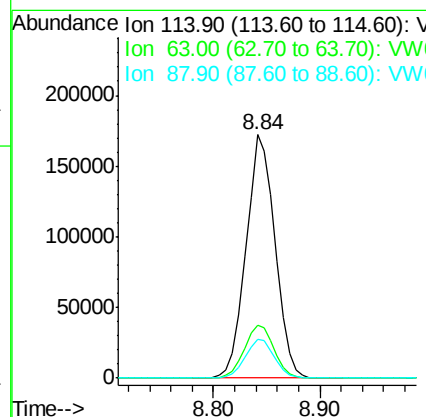
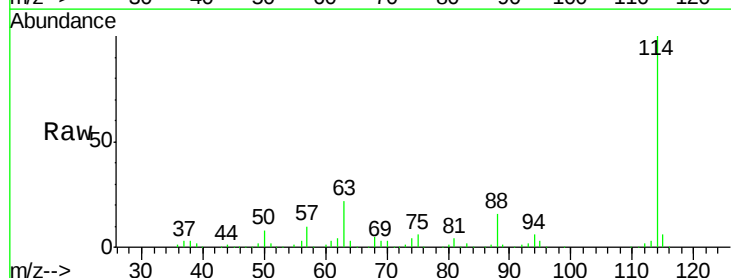
Manual Integrations
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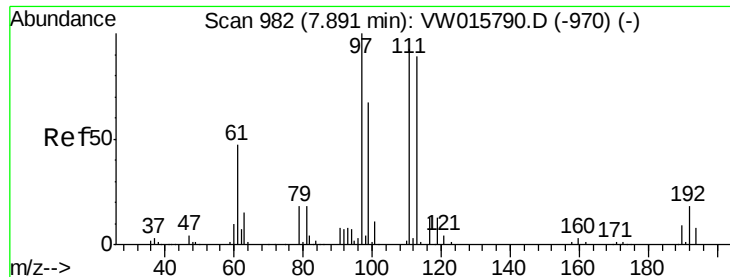
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.8	0.0	44.4	
88	15.8	0.0	32.6	





#35

Dibromofluoromethane

Concen: 49.513 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

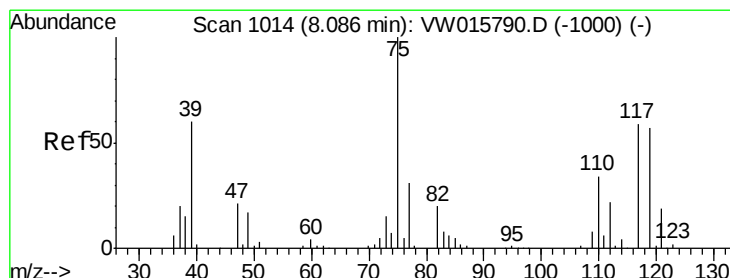
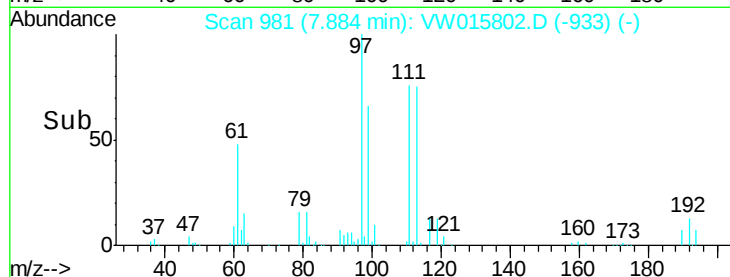
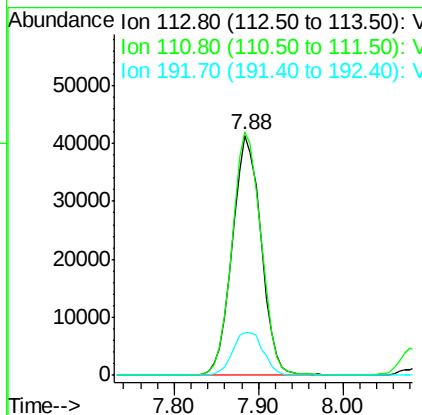
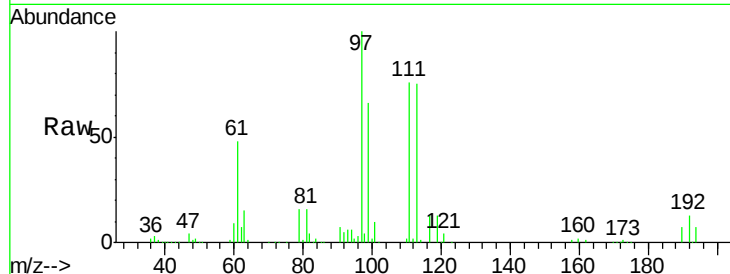
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	95177
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	19.2	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.535 ug/l

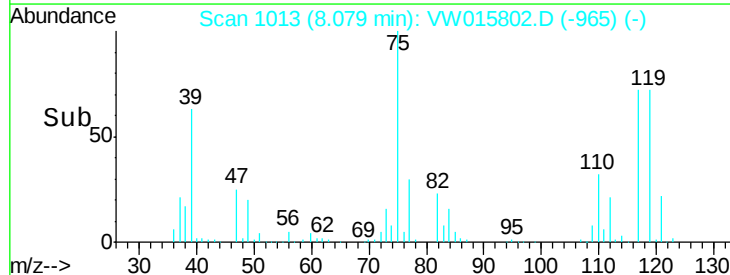
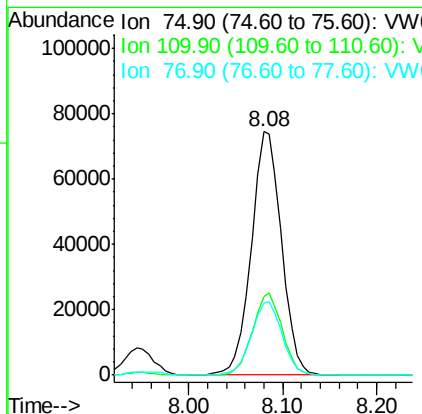
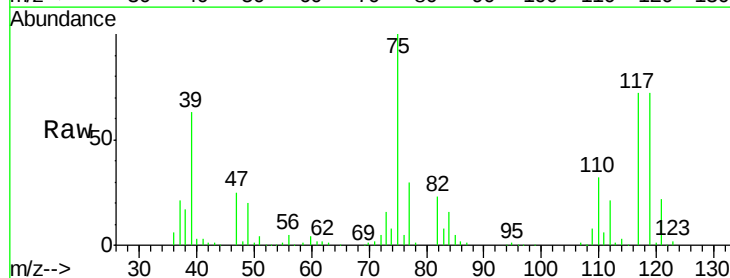
RT: 8.08 min Scan# 1013

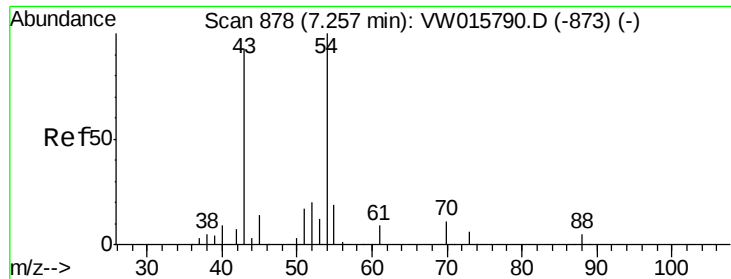
Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	75	Resp:	167382
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.8	50.3
77	30.9	24.7	37.1





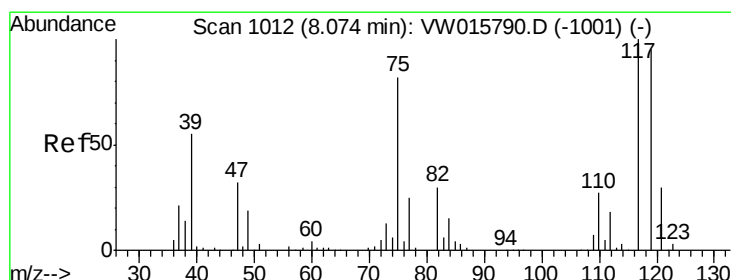
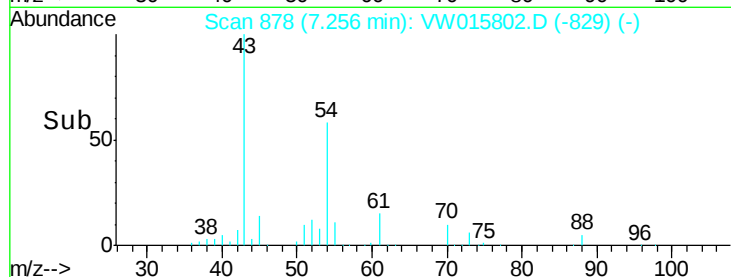
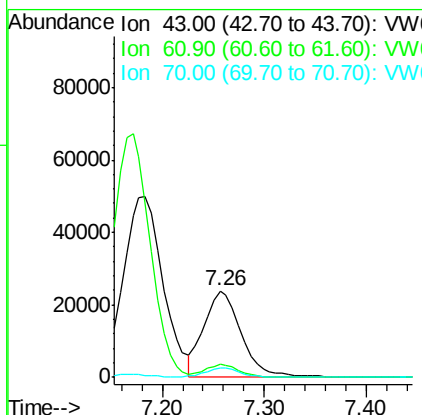
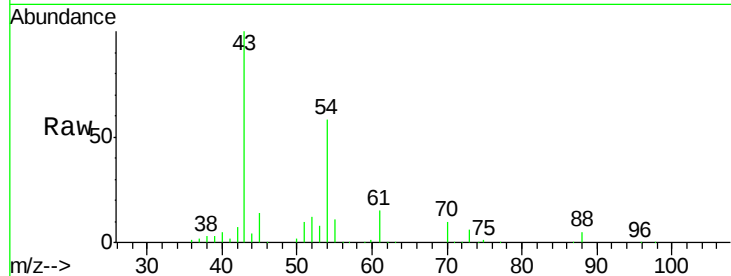
#37
Ethyl Acetate
Concen: 47.400 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	10.3	8.4	12.6

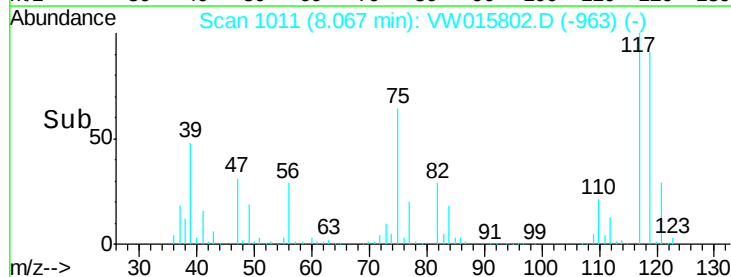
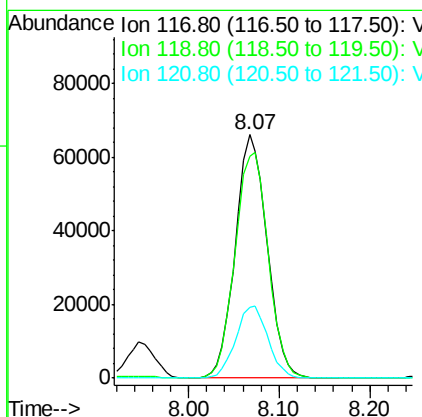
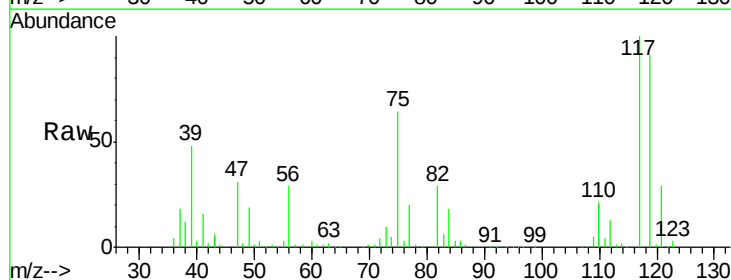
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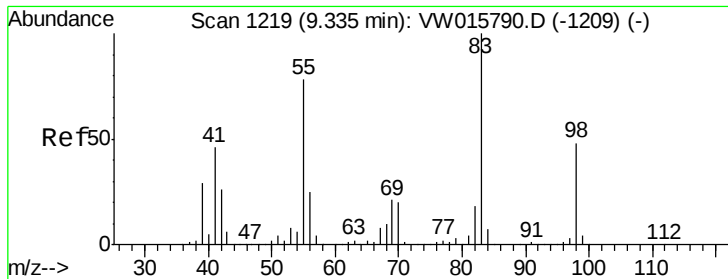
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#38
Carbon Tetrachloride
Concen: 51.170 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.3	114.5
121	29.2	24.0	36.0





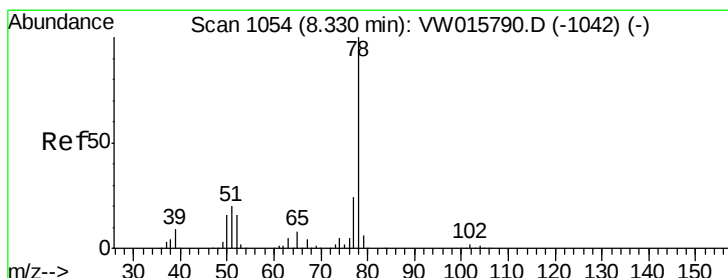
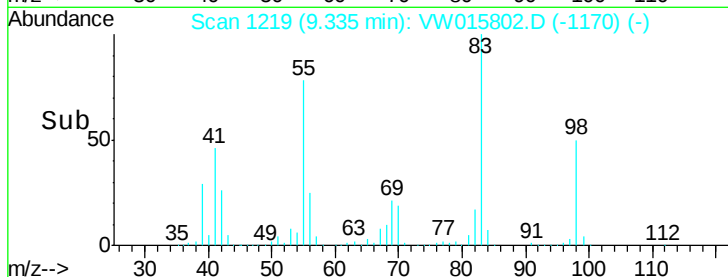
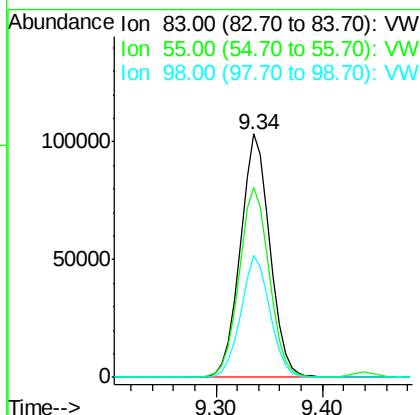
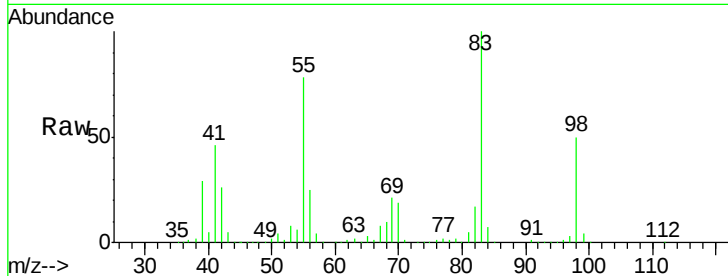
#39
Methvlcvclohexane
Concen: 52.556 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.6	94.0
98	50.1	38.6	58.0

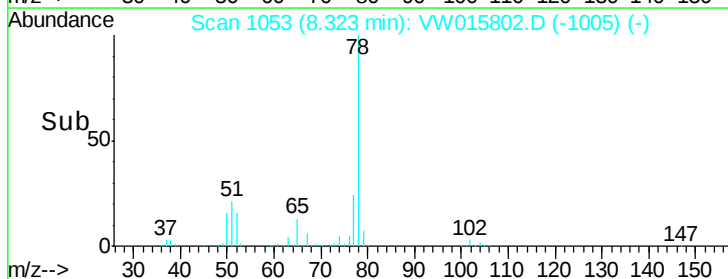
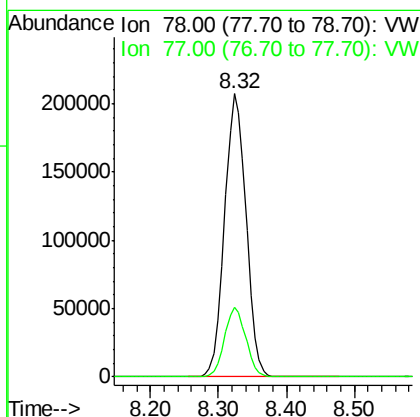
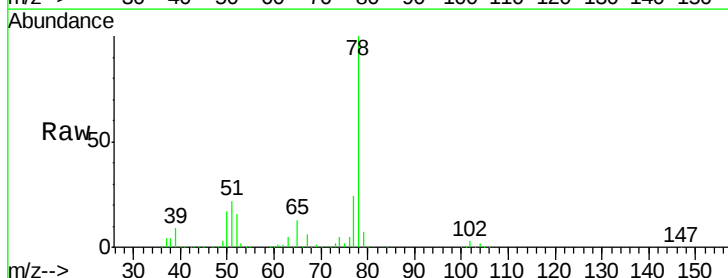
Manual Integrations
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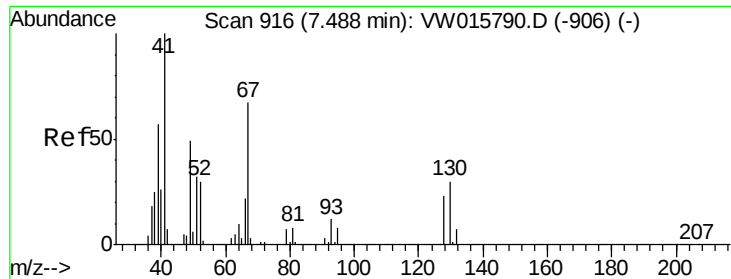
MMDadoda
7/9/2020 10:47:26 AM



#40
Benzene
Concen: 50.972 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





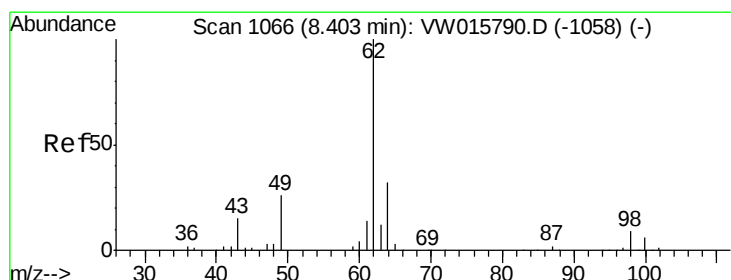
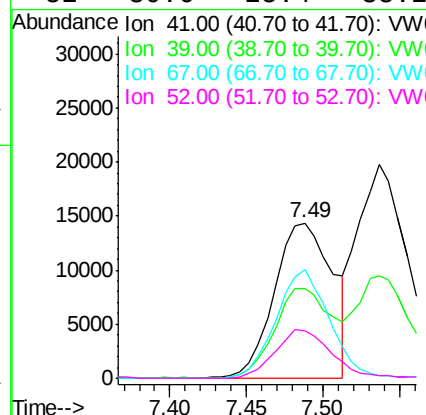
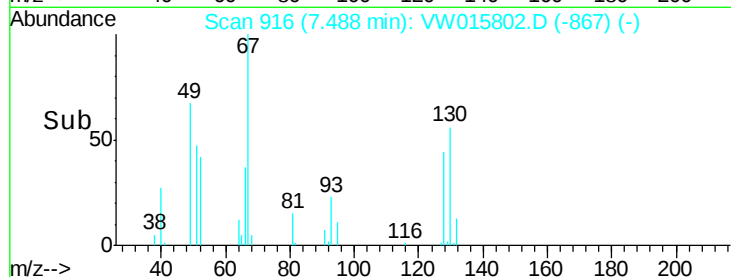
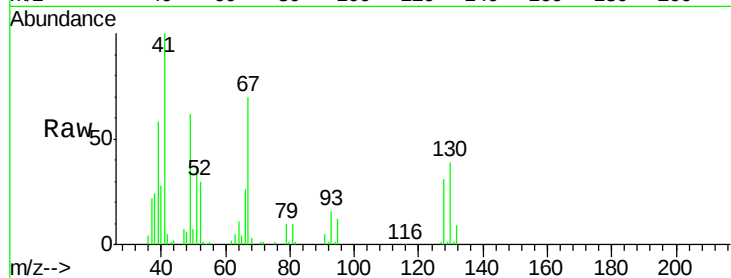
#41
Methacrylonitrile
Concen: 53.254 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	41	Resp:	38155
Ion Ratio	Lower	Upper	
41	100		
39	57.2	44.6	66.8
67	64.2	56.4	84.6
52	30.6	25.4	38.2

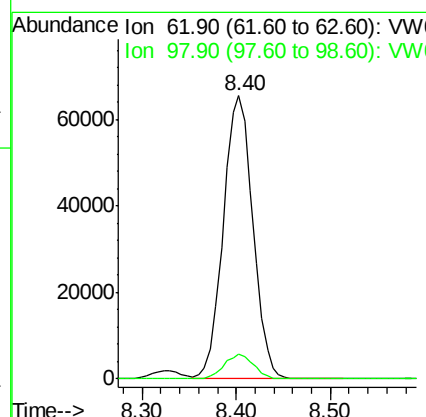
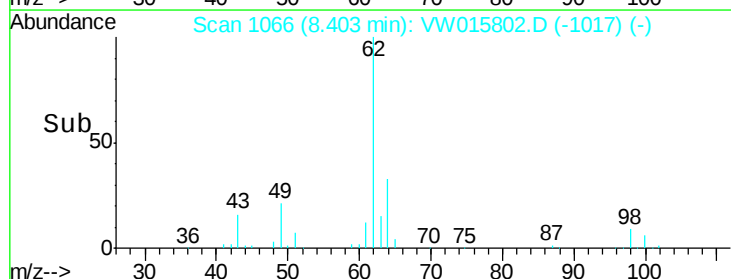
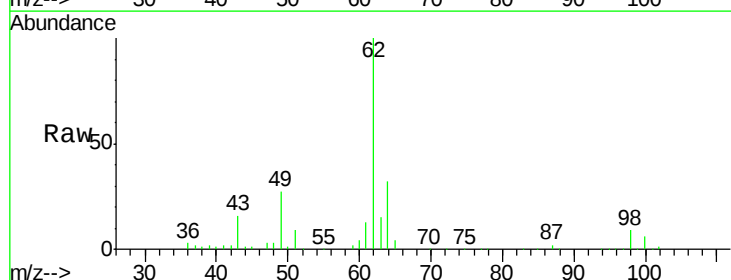
Manual Integrations
APPROVED

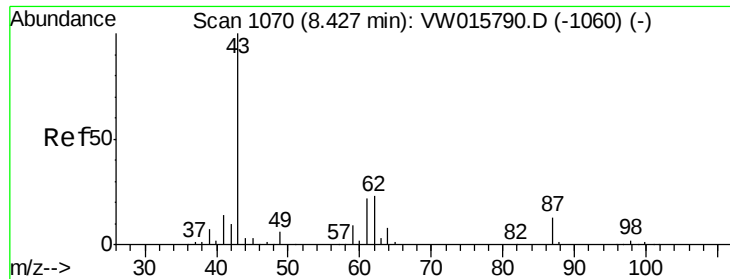
MMDadoda
7/9/2020 10:47:26 AM



#42
1,2-Dichloroethane
Concen: 51.434 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	62	Resp:	142421
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.2





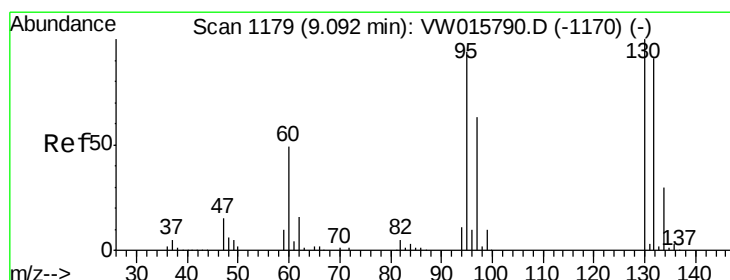
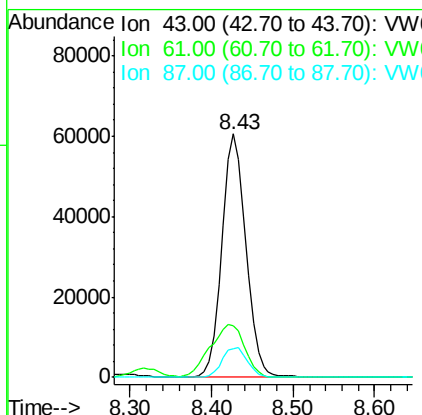
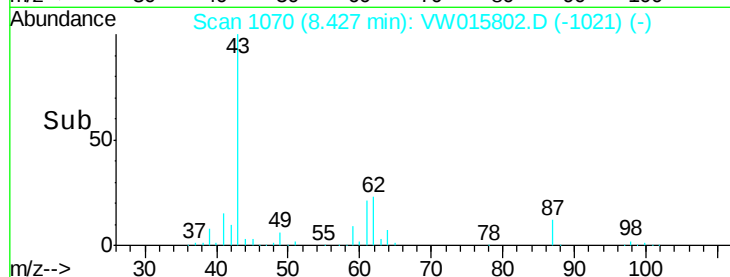
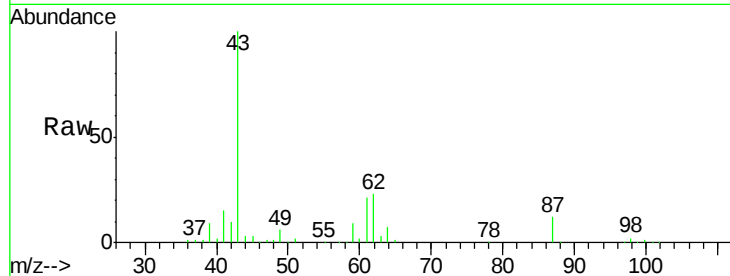
#43
Isopropyl Acetate
Concen: 49.846 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.8	37.2
87	13.0	10.4	15.6

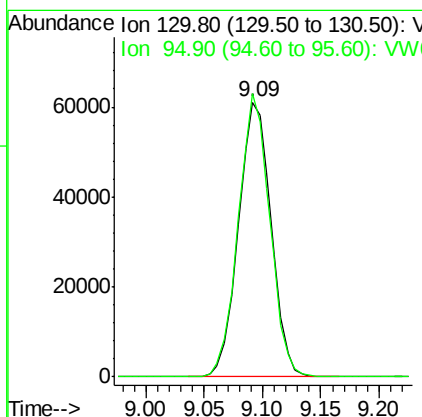
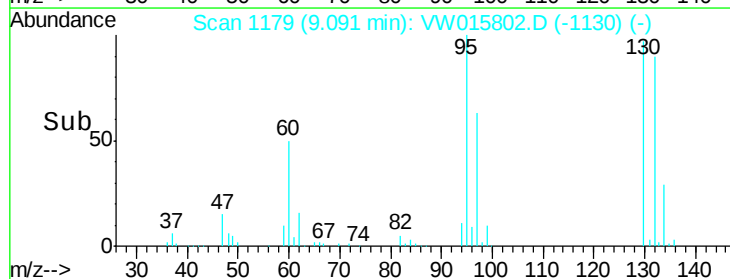
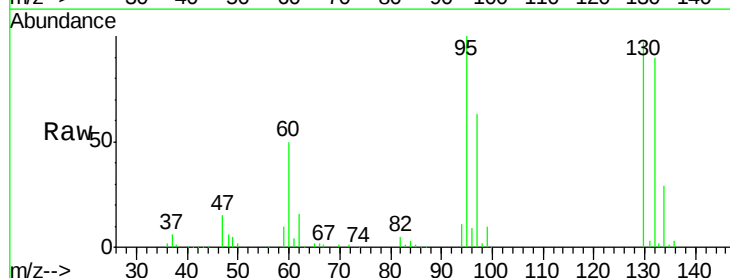
Manual Integrations
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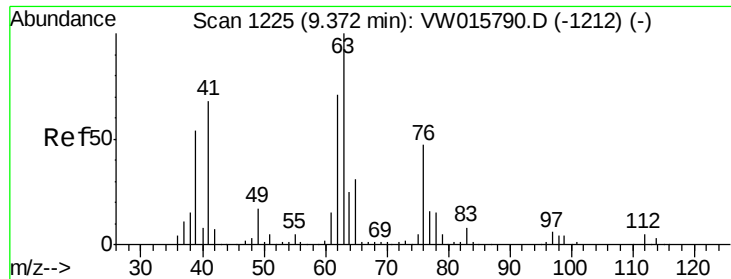
MMDadoda
7/9/2020 10:47:26 AM



#44
Trichloroethene
Concen: 50.786 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	188.6





#45

1,2-Dichloropropane

Concen: 51.086 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 111718

Ion Ratio Lower Upper

63 100

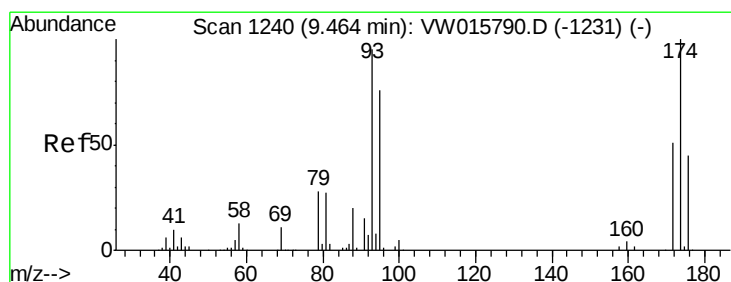
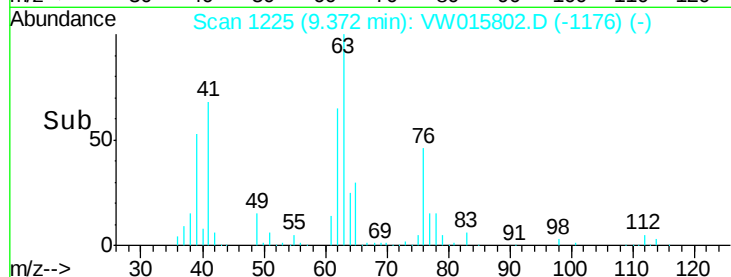
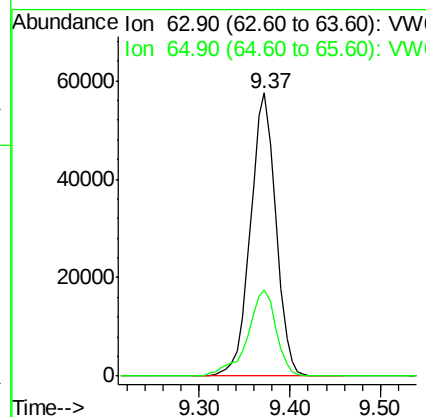
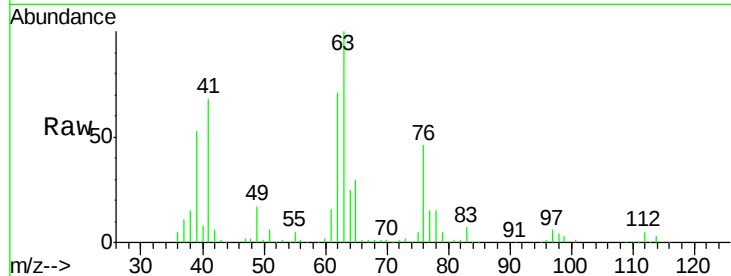
65 30.3 24.5 36.7

Manual Integrations

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MMDadoda

7/9/2020 10:47:26 AM



#46

Dibromomethane

Concen: 50.646 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

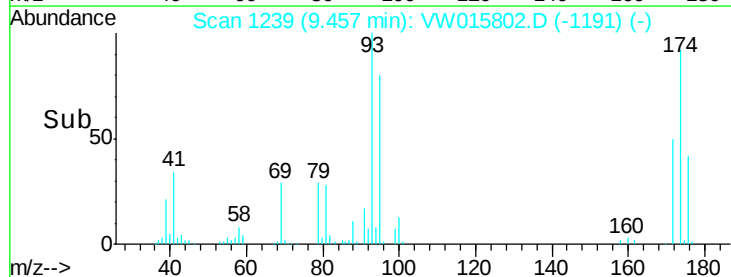
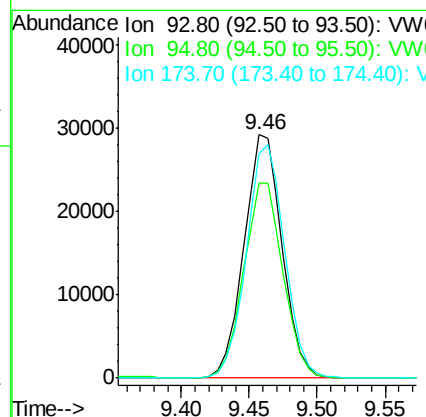
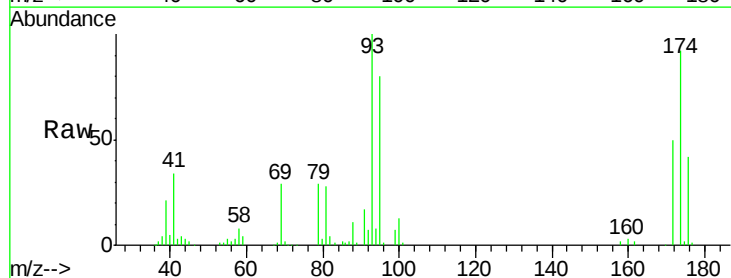
Tgt Ion: 93 Resp: 57021

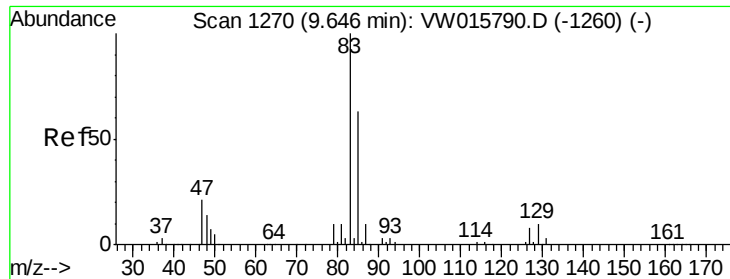
Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

174 96.7 78.7 118.1





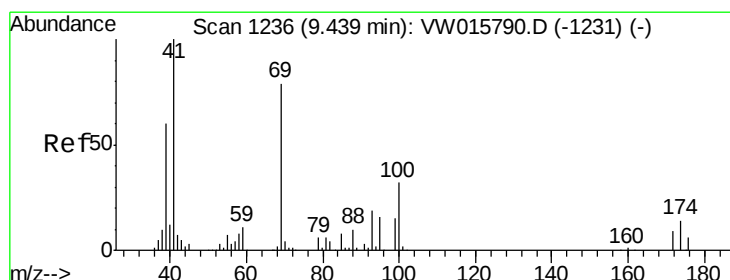
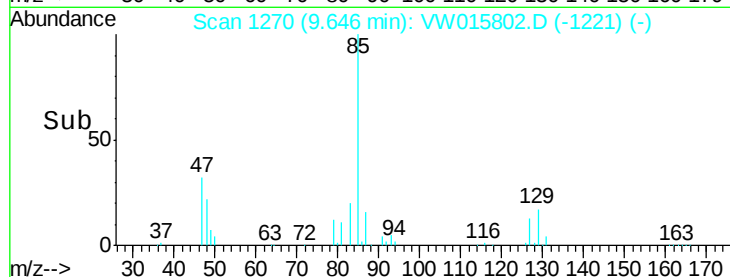
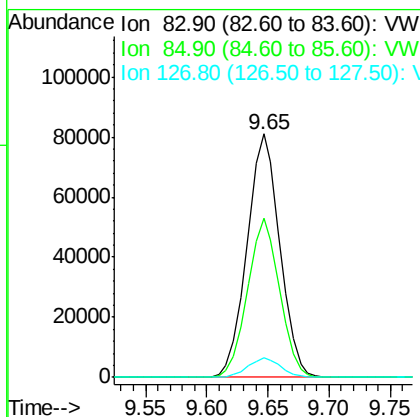
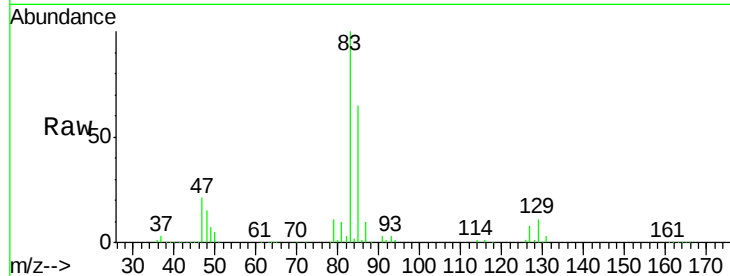
#47
Bromodichloromethane
Concen: 51.815 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	150889
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	50.6	76.0
127	8.2	6.2	9.2

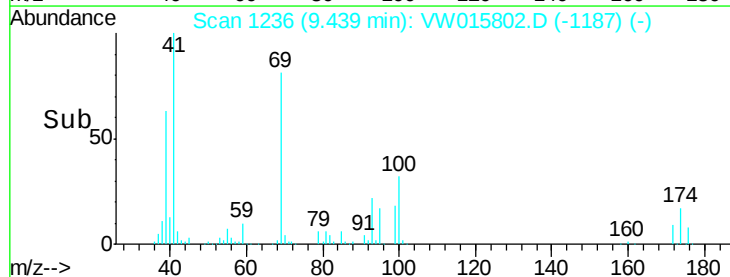
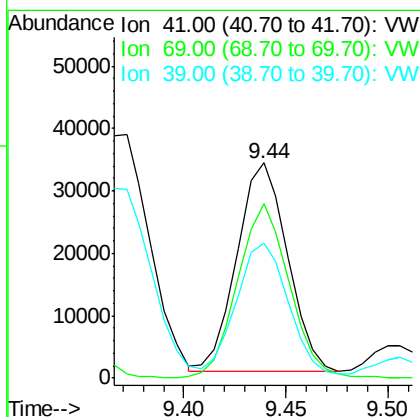
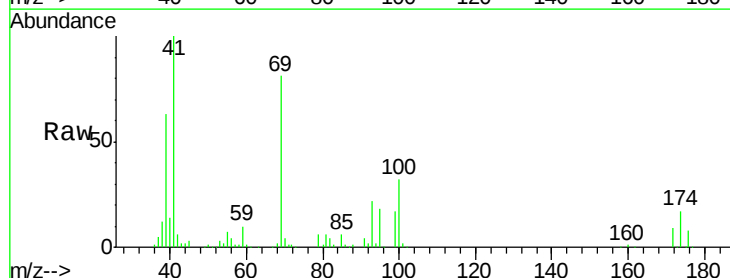
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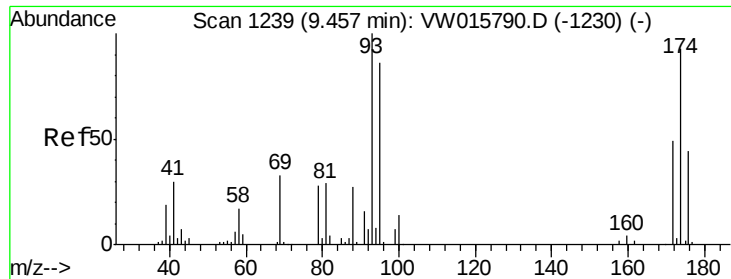
MMDadoda
7/9/2020 10:47:26 AM



#48
Methyl methacrylate
Concen: 50.828 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	41	Resp	57382
Ion Ratio	100	Lower	Upper
41	100		
69	85.3	67.1	100.7
39	63.6	49.9	74.9





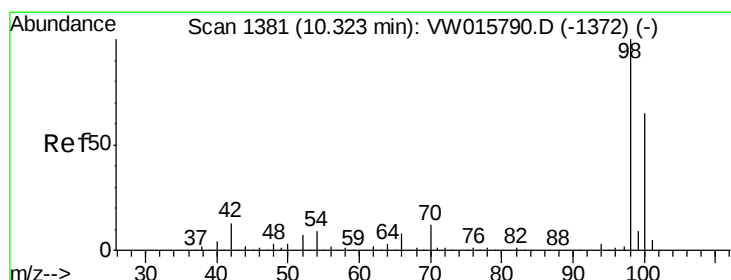
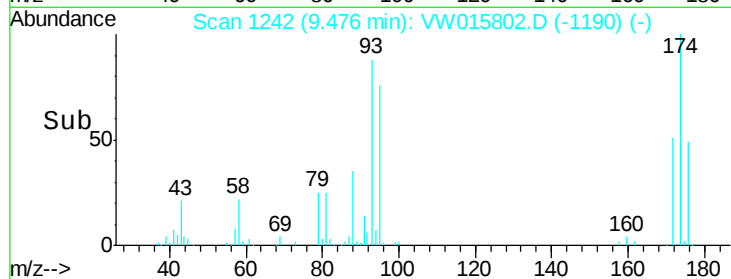
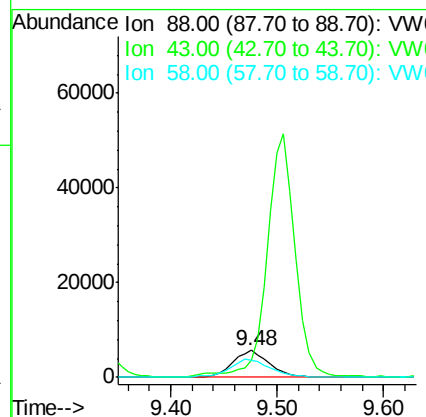
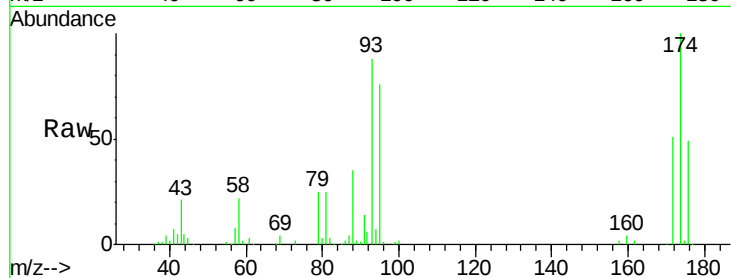
#49
1,4-Dioxane
Concen: 979.213 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.02 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.1	42.1#
58	74.8	59.3	88.9

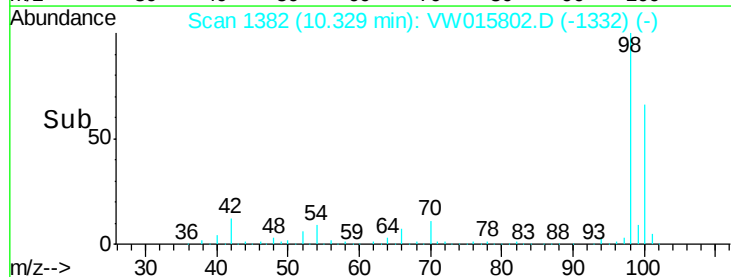
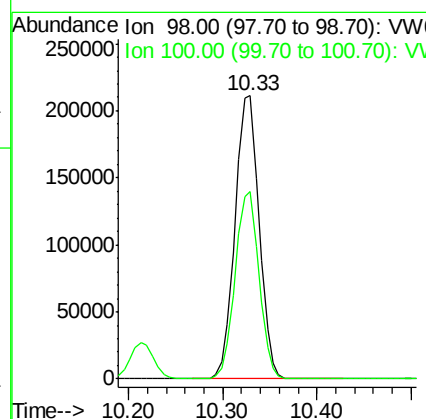
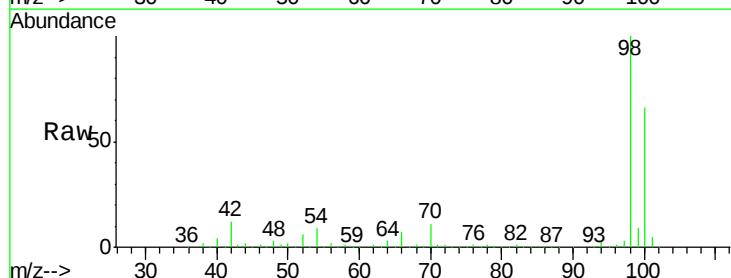
Manual Integrations
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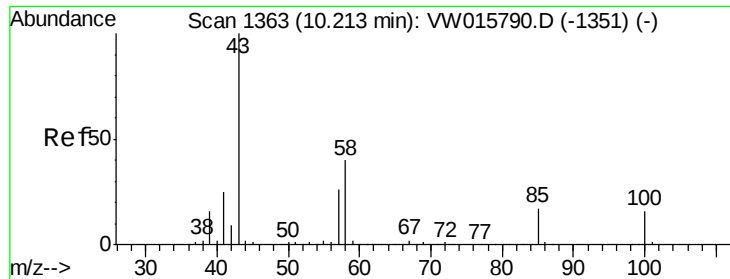
MMDadoda
7/9/2020 10:47:26 AM



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 253.032 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 304161

Ion Ratio Lower Upper

43 100

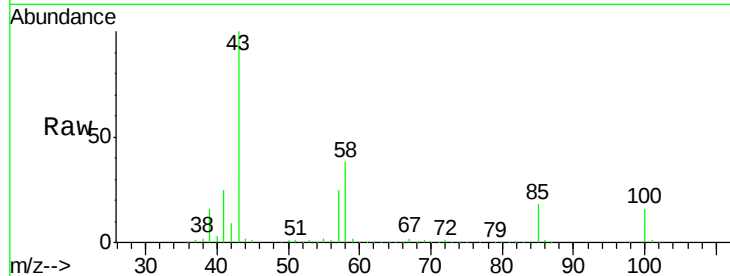
58 38.6 30.9 46.3

Manual Integrations

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MMDadoda

7/9/2020 10:47:26 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

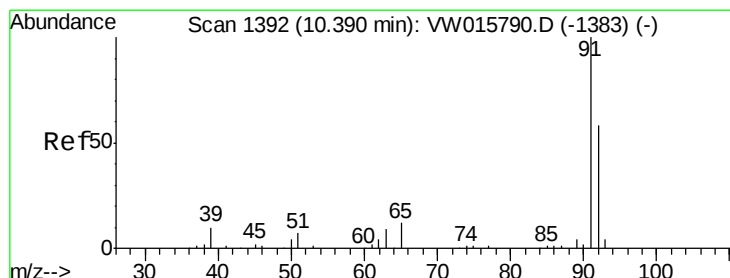
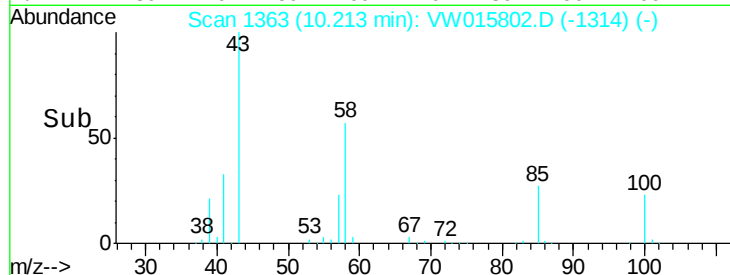
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 52.003 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015802.D

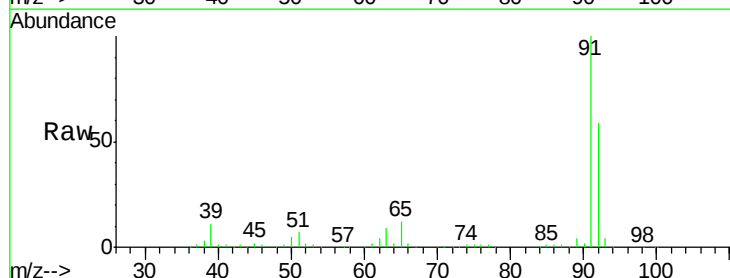
Acq: 08 Jul 2020 11:24

Tgt Ion: 92 Resp: 297734

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

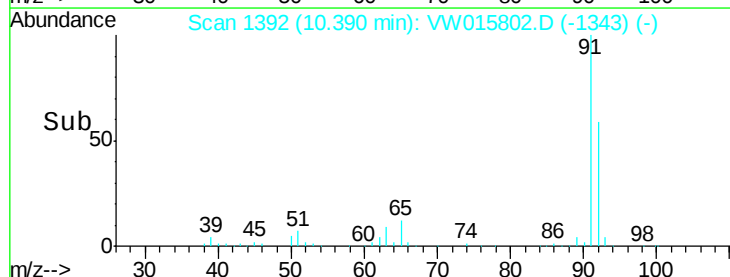
300000

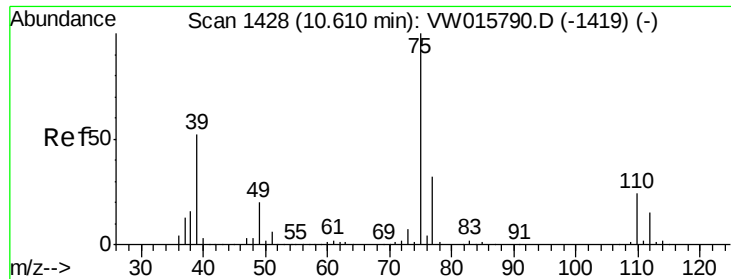
200000

100000

0

Time-->





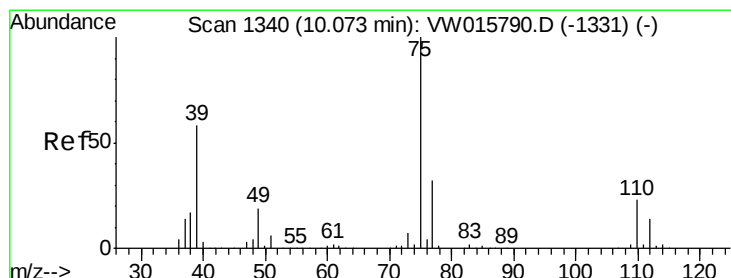
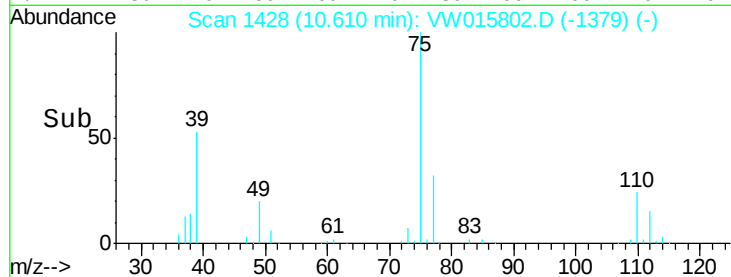
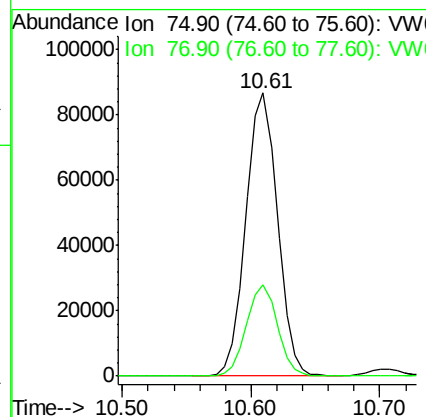
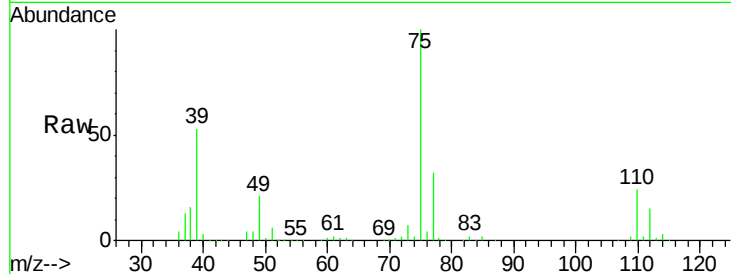
#53
 t-1,3-Dichloropropene
 Concen: 52.646 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 147100
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0

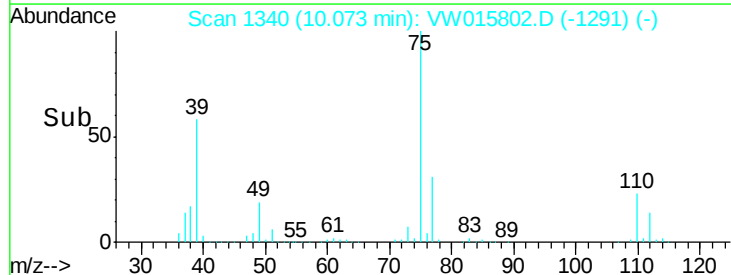
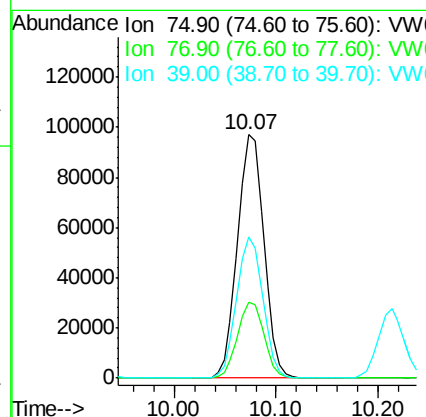
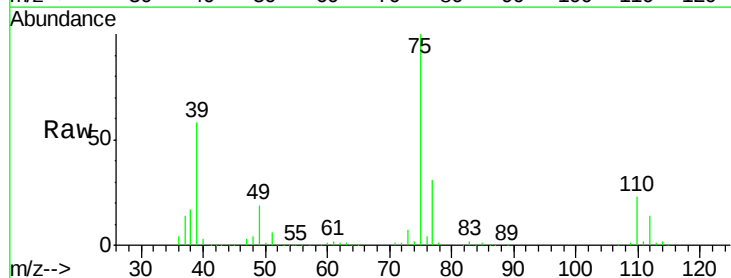
Manual Integrations
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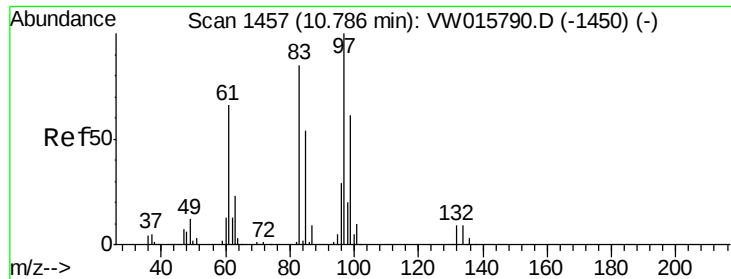
MMDadoda
 7/9/2020 10:47:26 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.159 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 75 Resp: 174333
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 57.9 46.0 69.0





#55

1,1,2-Trichloroethane

Concen: 50.603 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

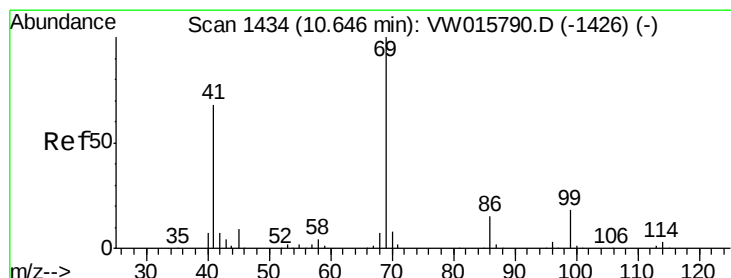
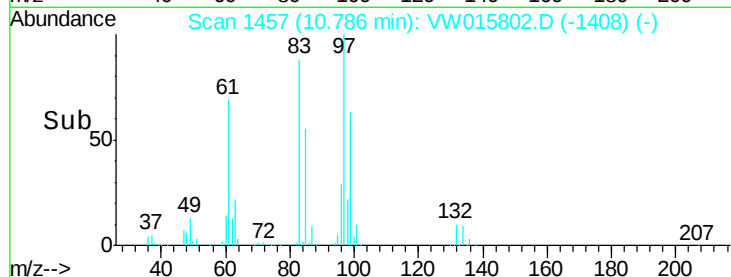
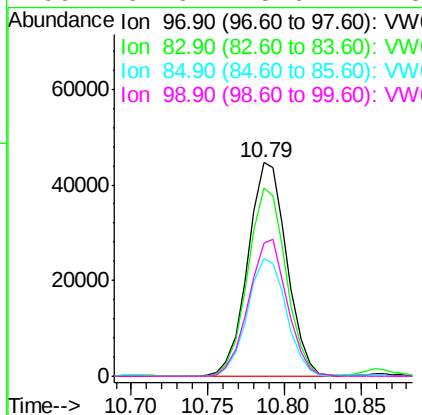
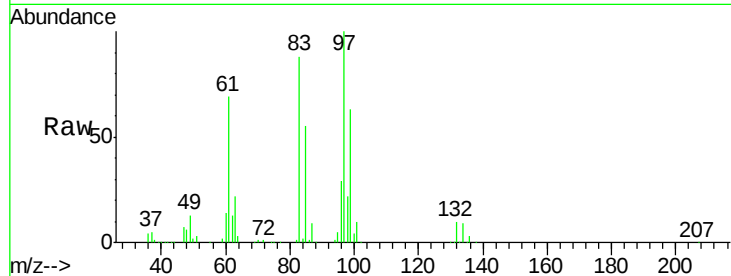
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	79000
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.4
85	55.1	43.4	65.0
99	62.6	48.6	72.8

Manual Integrations
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MMDadoda
7/9/2020 10:47:26 AM



#56

Ethyl methacrylate

Concen: 52.696 ug/l

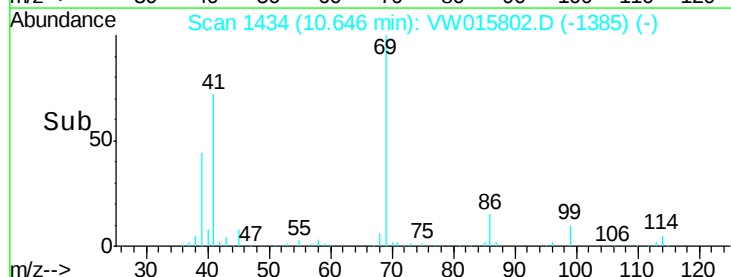
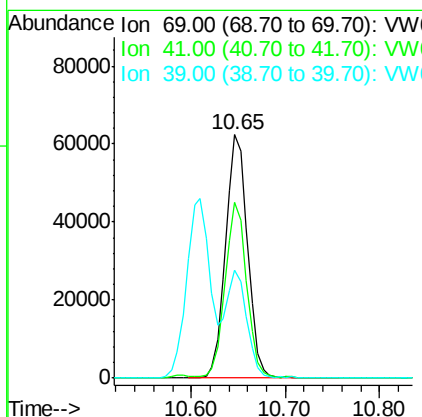
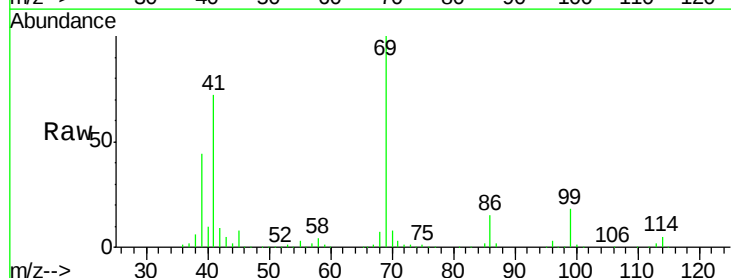
RT: 10.65 min Scan# 1434

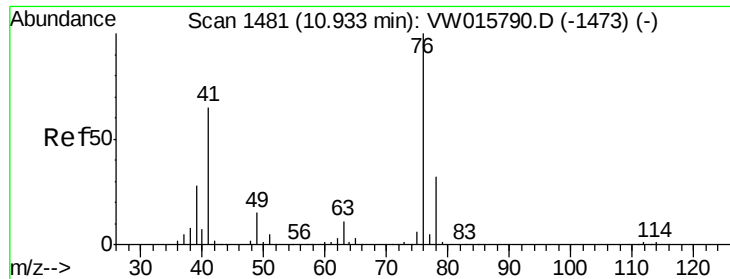
Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	69	Resp:	101141
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.0	82.6
39	42.5	33.8	50.8





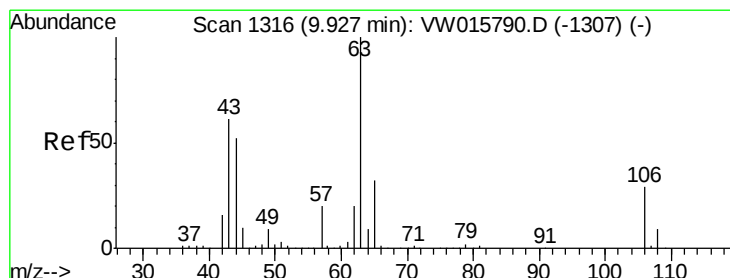
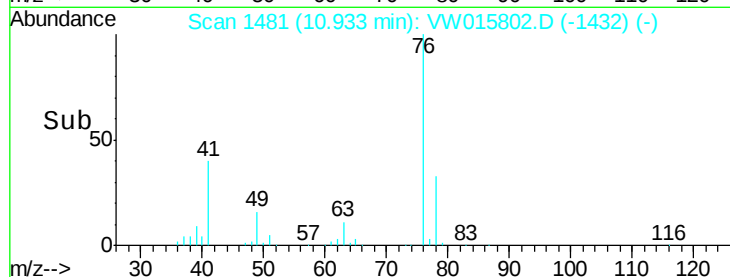
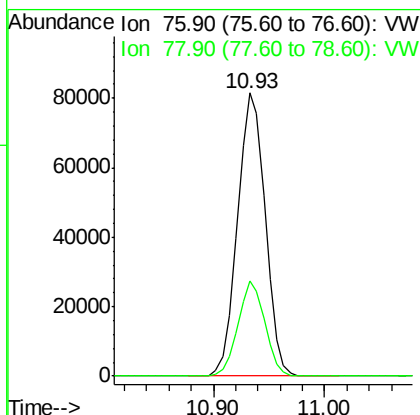
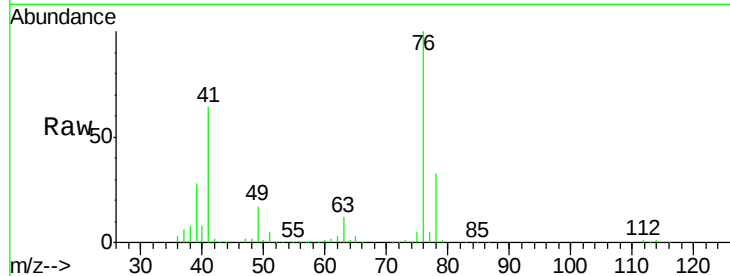
#57
 1,3-Dichloropropane
 Concen: 50.776 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.7	38.5

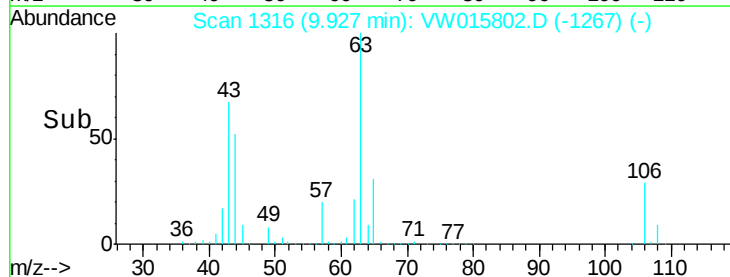
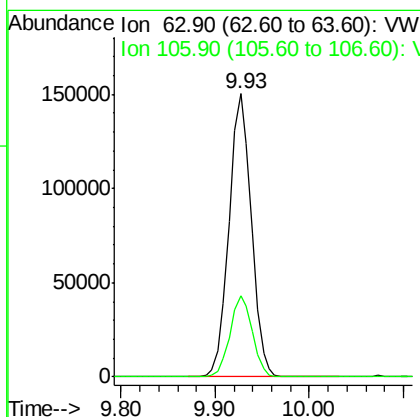
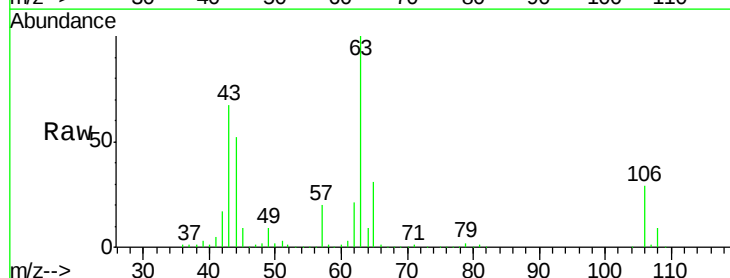
Manual Integrations
 APPROVED

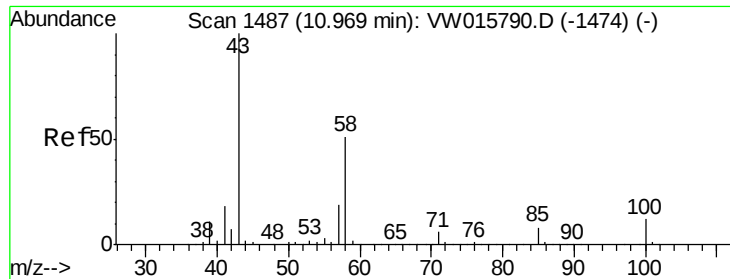
MMDadoda
 7/9/2020 10:47:26 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.795 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.1	34.7





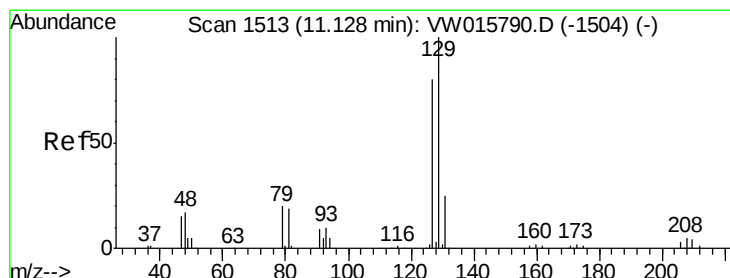
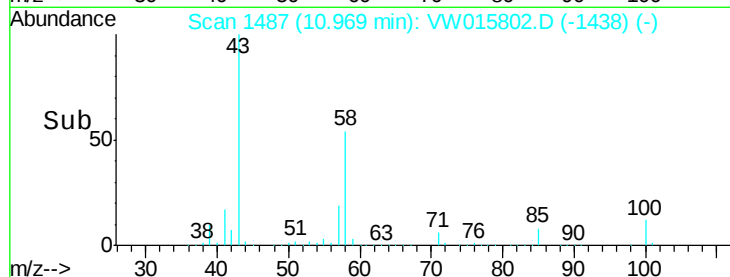
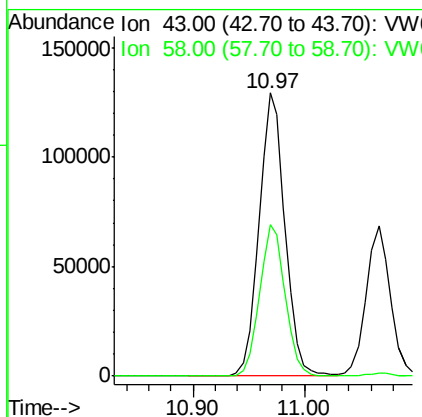
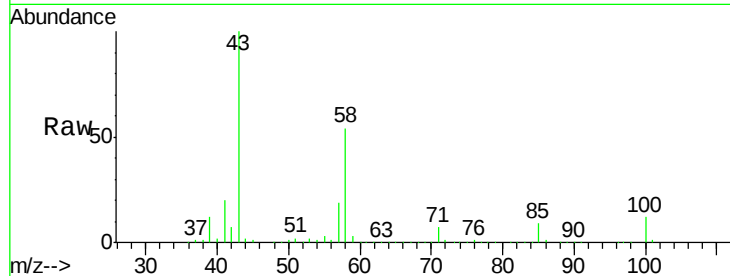
#59
2-Hexanone
Concen: 261.006 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 209380
Ion Ratio Lower Upper
43 100
58 53.0 26.2 78.5

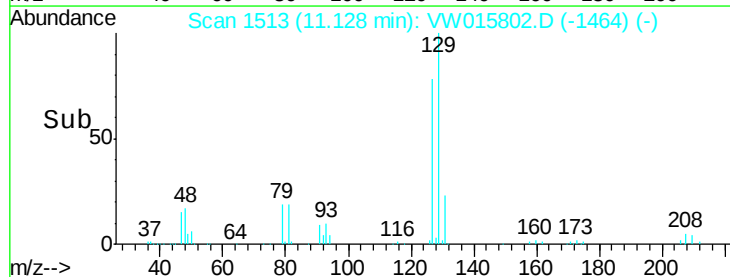
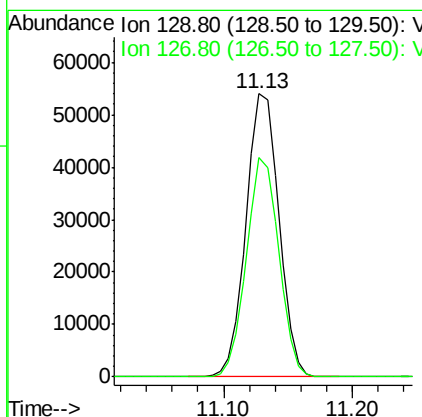
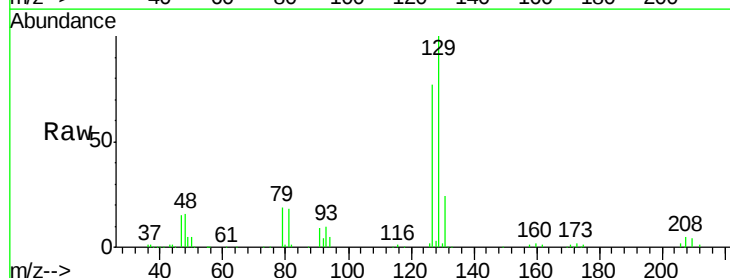
Manual Integrations
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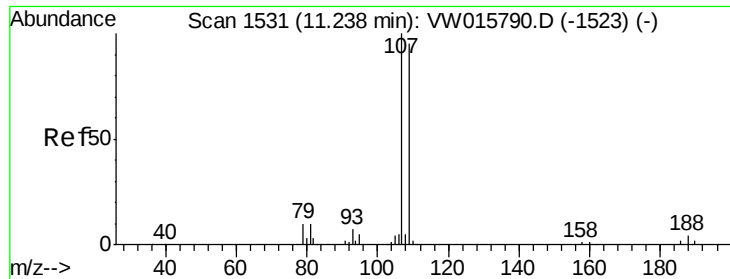
MMDadoda
7/9/2020 10:47:26 AM



#60
Dibromochloromethane
Concen: 52.934 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:129 Resp: 95440
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1





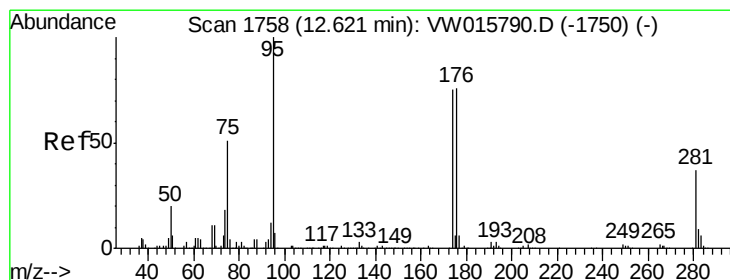
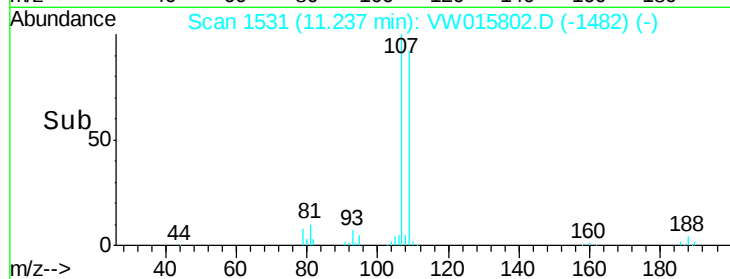
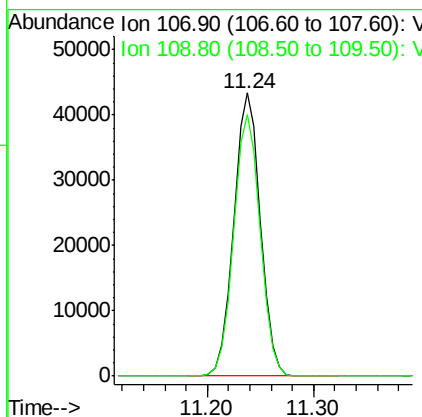
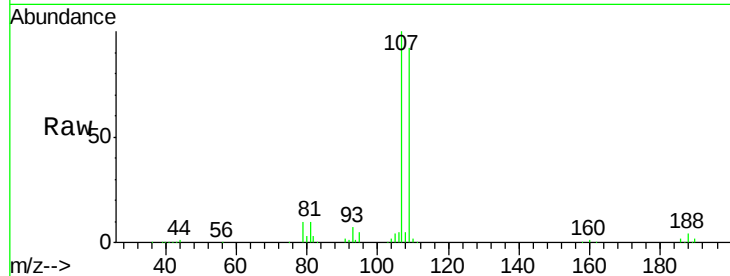
#61
 1,2-Dibromoethane
 Concen: 50.633 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 75635
 Ion Ratio Lower Upper
 107 100
 109 92.8 77.0 115.6

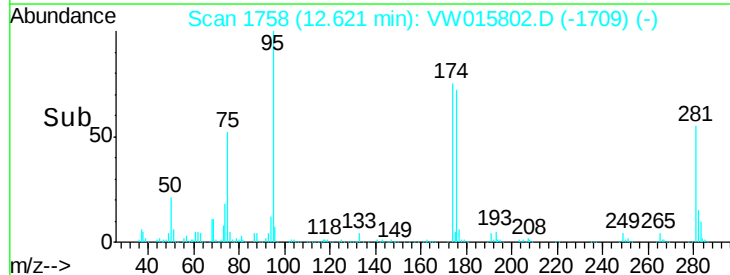
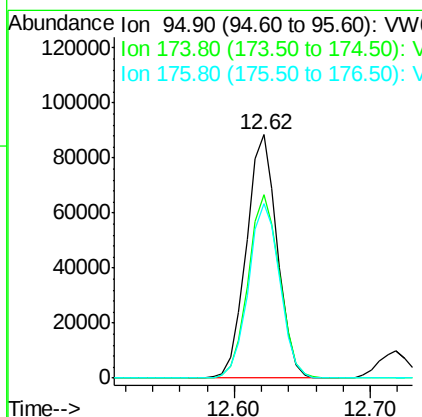
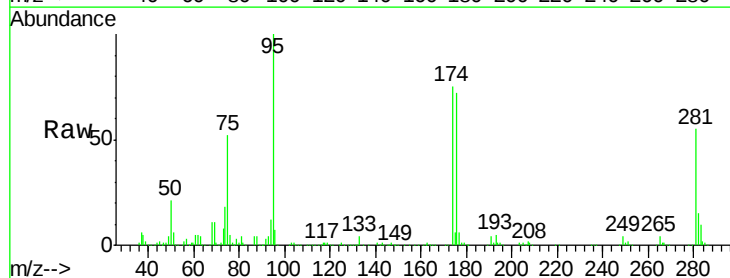
Manual Integrations
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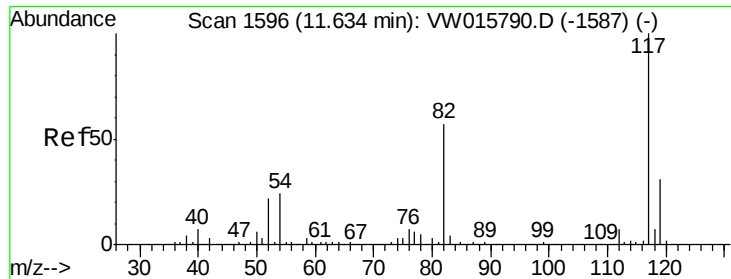
MMDadoda
 7/9/2020 10:47:26 AM



#62
 4-Bromofluorobenzene
 Concen: 51.903 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion: 95 Resp: 140625
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 150.2
 176 72.9 0.0 148.4





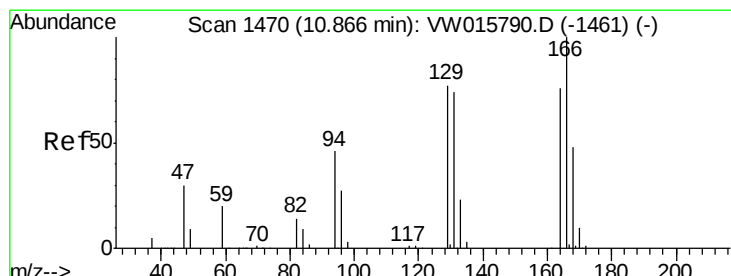
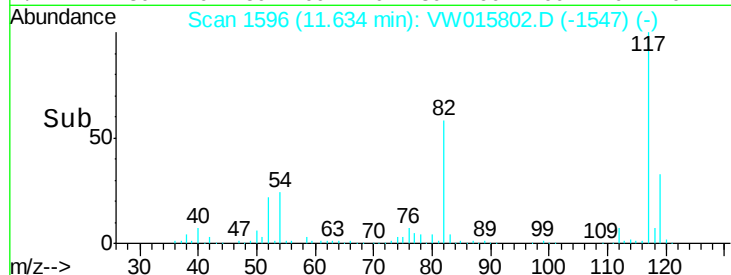
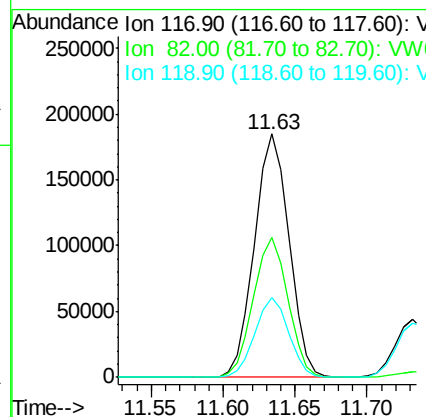
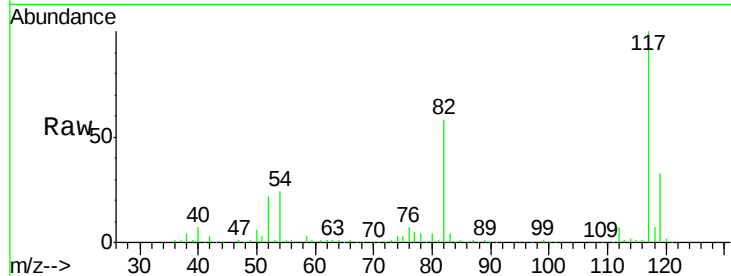
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.5	68.3
119	32.5	25.0	37.6

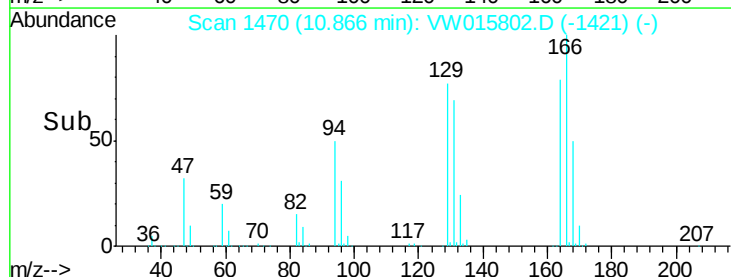
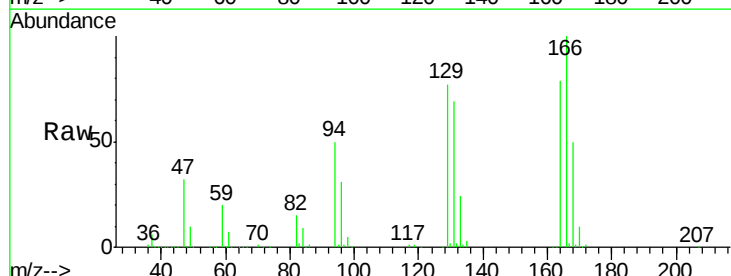
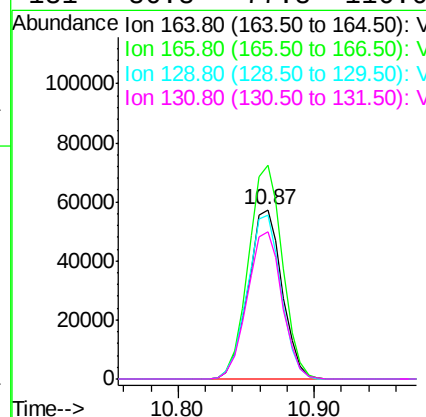
Manual Integrations
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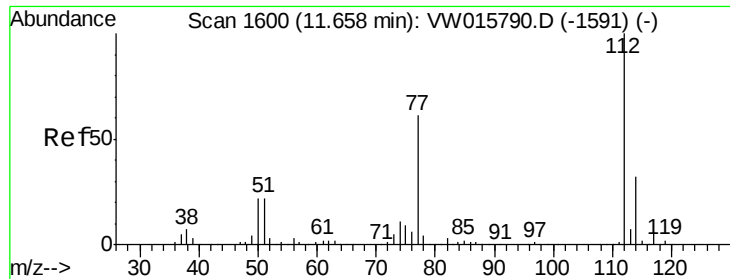
MMDadoda
7/9/2020 10:47:26 AM



#64
Tetrachloroethene
Concen: 51.526 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	105.1	157.7
129	96.5	80.6	121.0
131	86.8	77.8	116.6





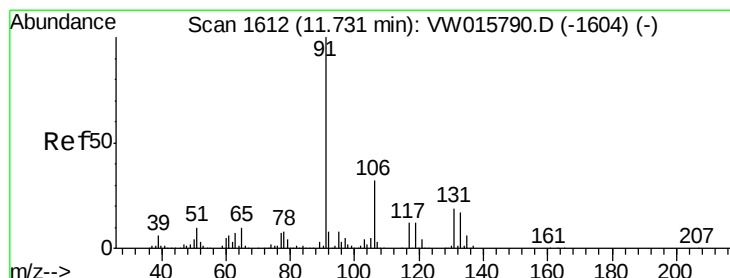
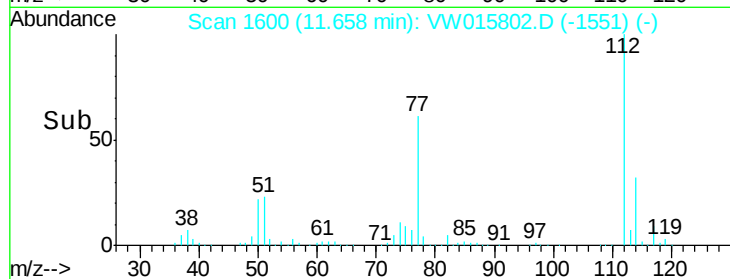
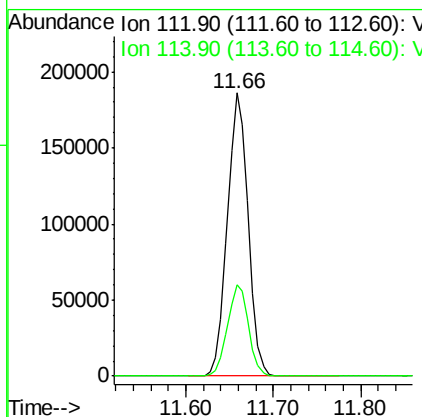
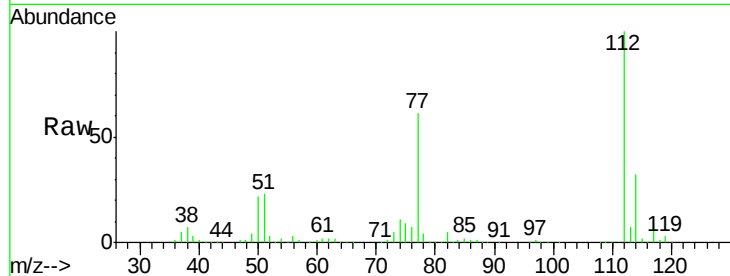
#65
Chlorobenzene
Concen: 51.022 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 306812
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

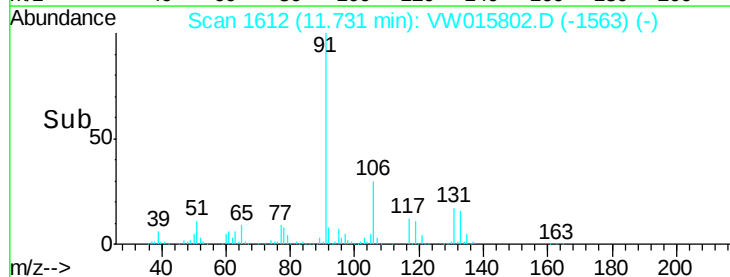
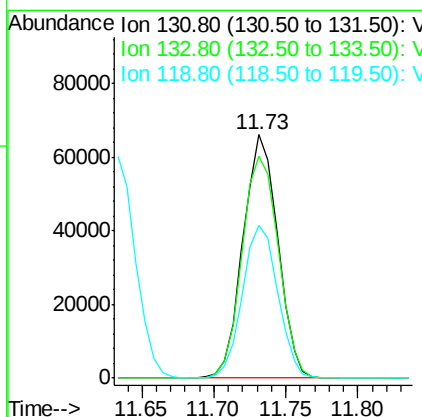
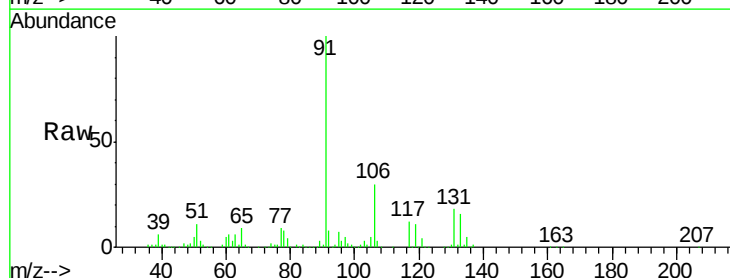
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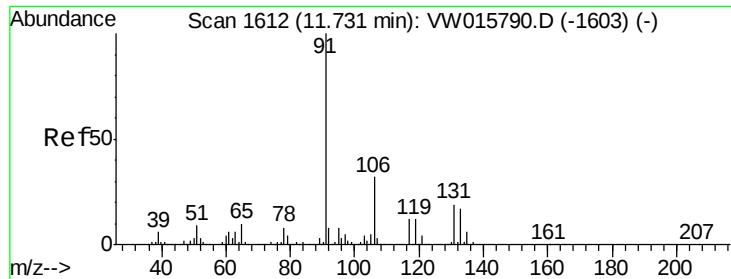
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.043 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:131 Resp: 110747
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.2
119 63.9 32.3 96.8





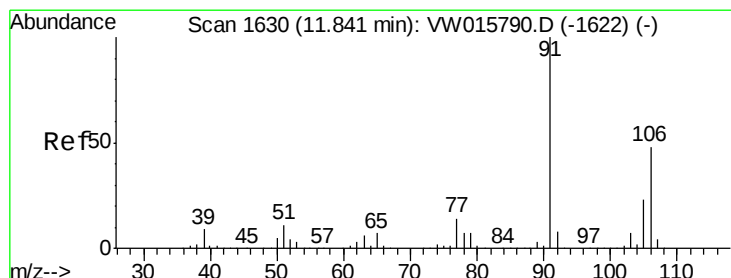
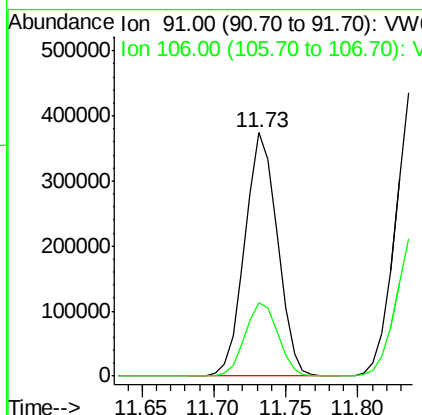
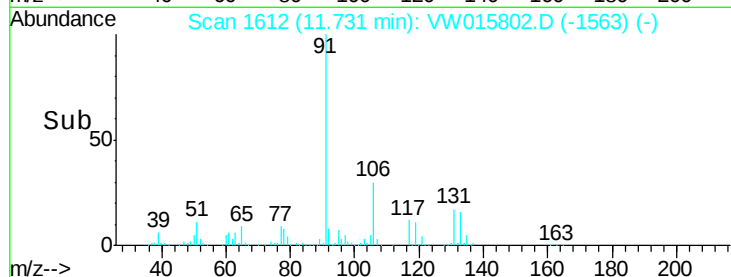
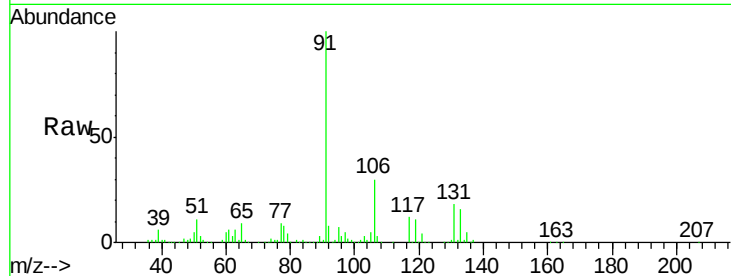
#67
Ethyl Benzene
Concen: 52.634 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 586125
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8

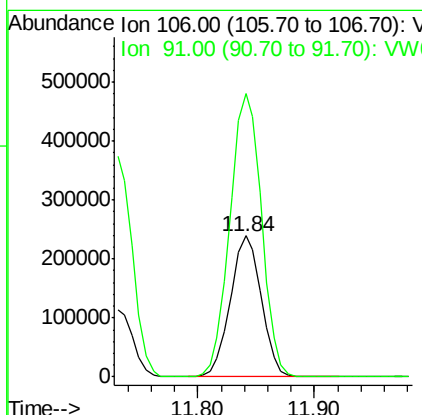
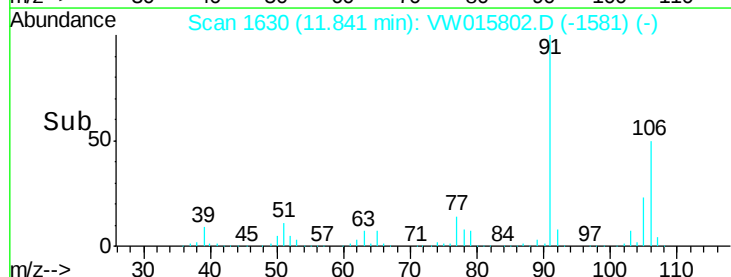
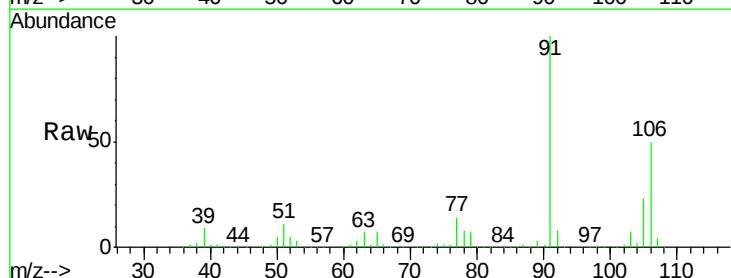
Manual Integrations
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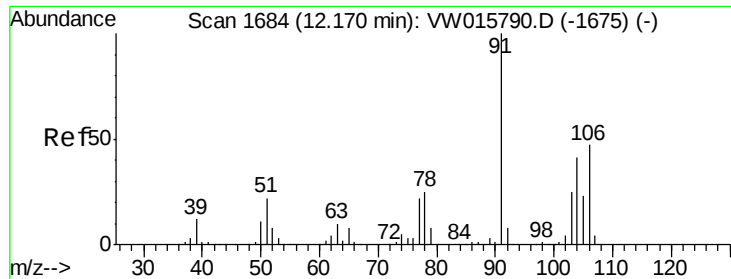
MMDadoda
7/9/2020 10:47:26 AM



#68
m/p-Xylenes
Concen: 105.468 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion: 106 Resp: 441189
Ion Ratio Lower Upper
106 100
91 205.4 164.1 246.1





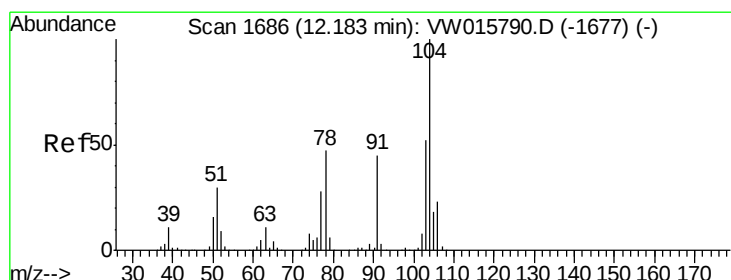
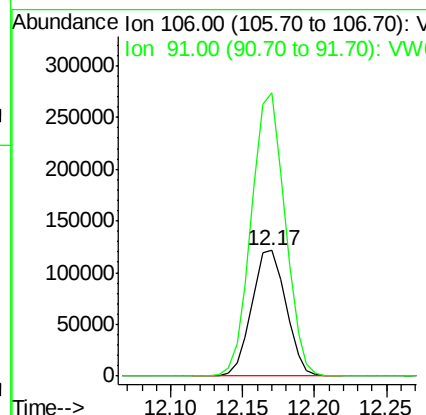
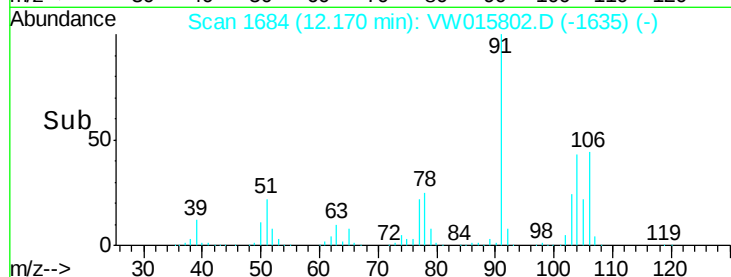
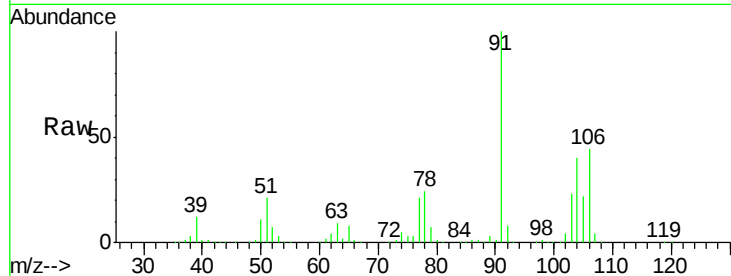
#69
o-Xylene
Concen: 52.415 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 200142
Ion Ratio Lower Upper
106 100
91 221.2 108.5 325.3

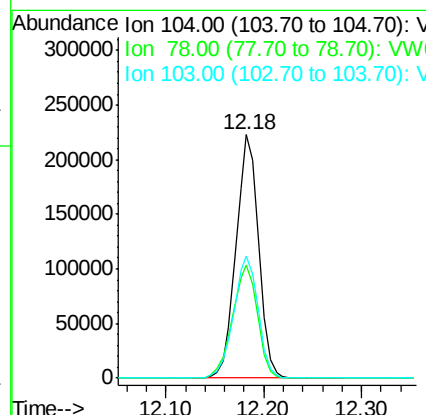
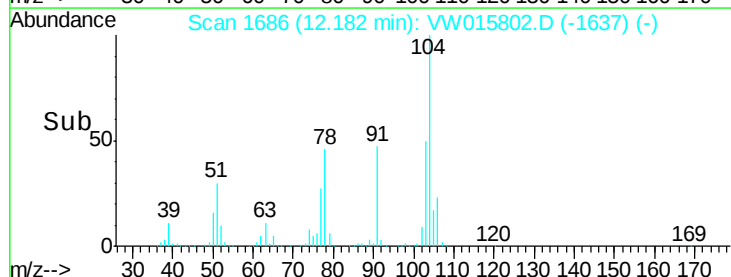
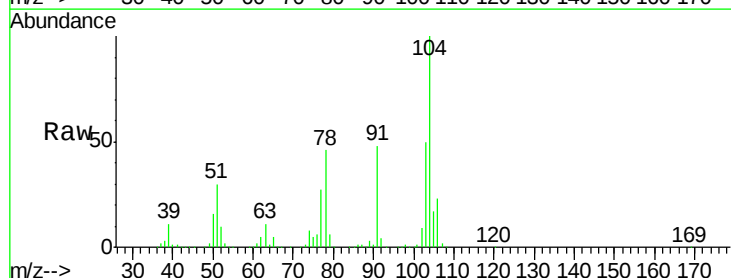
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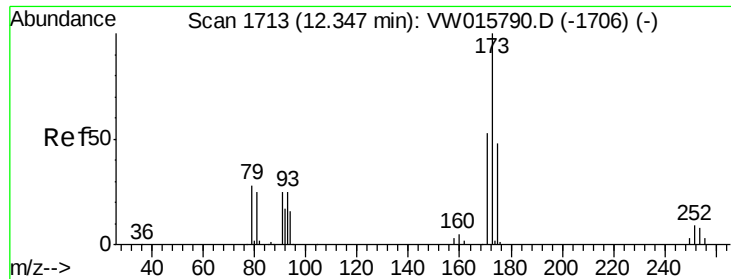
MMDadoda
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#70
Styrene
Concen: 54.232 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion:104 Resp: 356308
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.2 43.8 65.8





#71

Bromoform

Concen: 52.226 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 50727

Ion Ratio Lower Upper

173 100

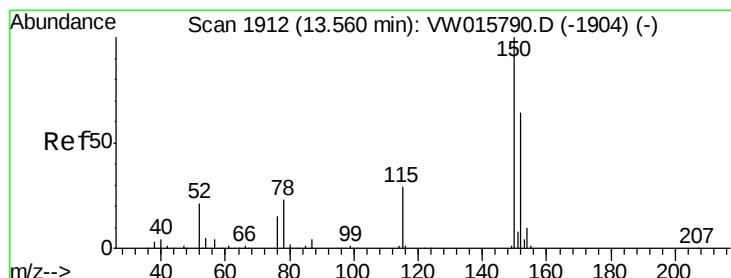
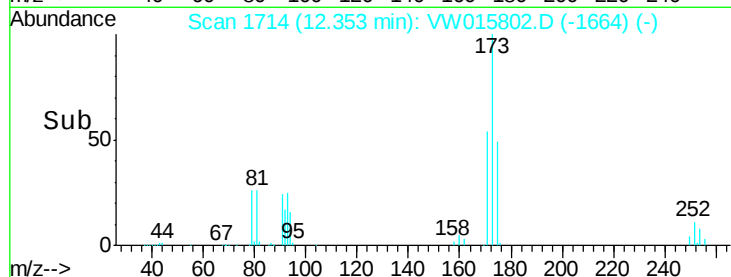
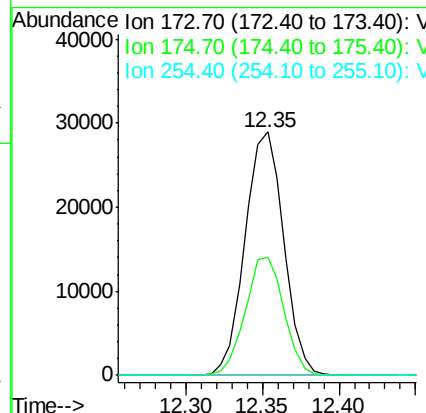
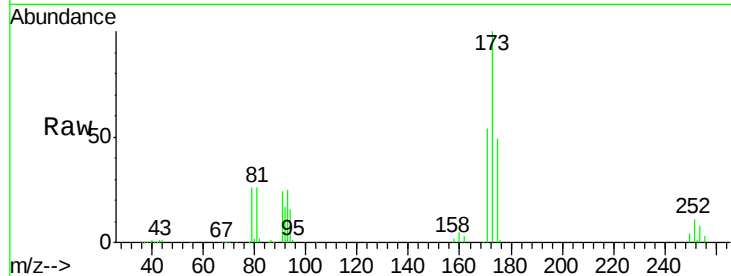
175 48.6 23.5 70.5

254 0.0 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

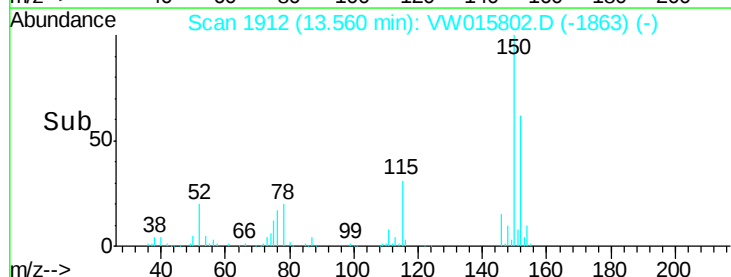
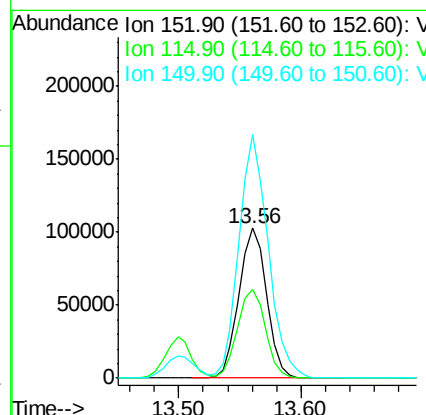
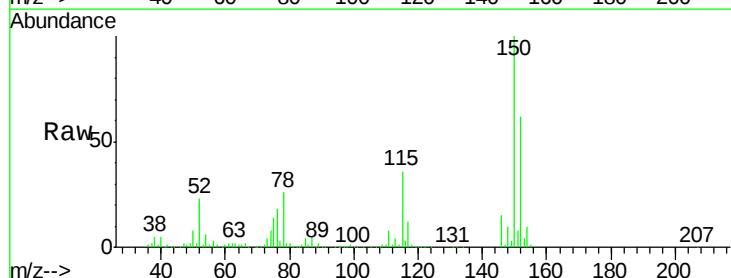
Tgt Ion:152 Resp: 160064

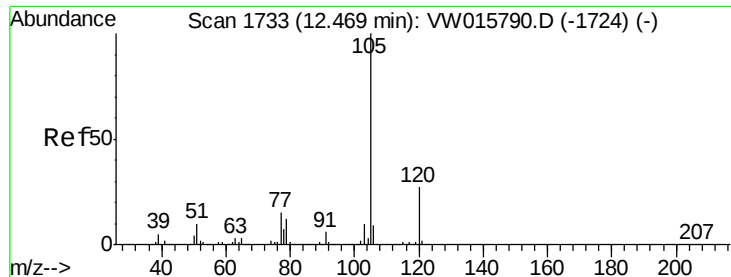
Ion Ratio Lower Upper

152 100

115 59.4 29.9 89.7

150 172.7 0.0 350.8





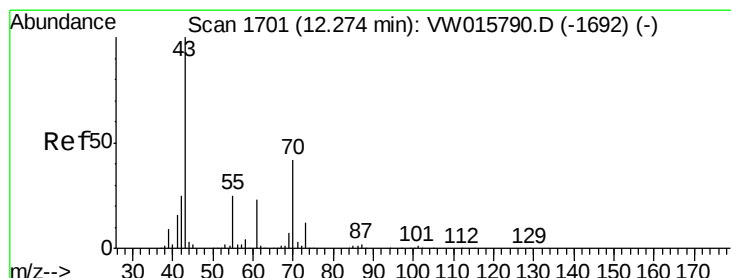
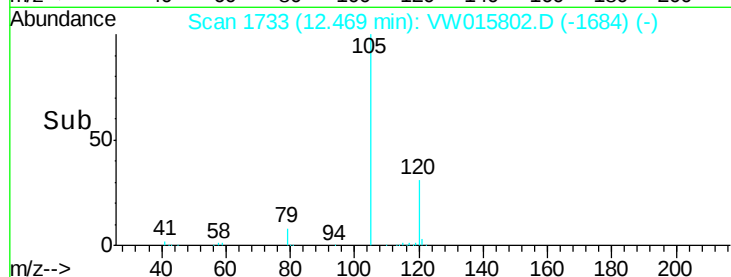
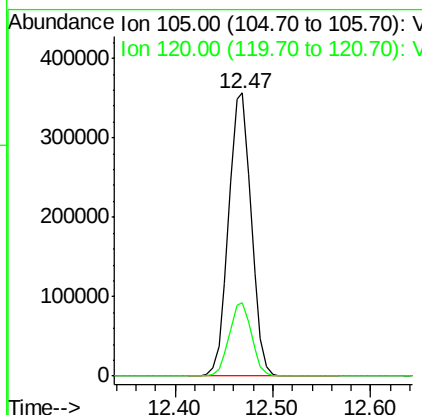
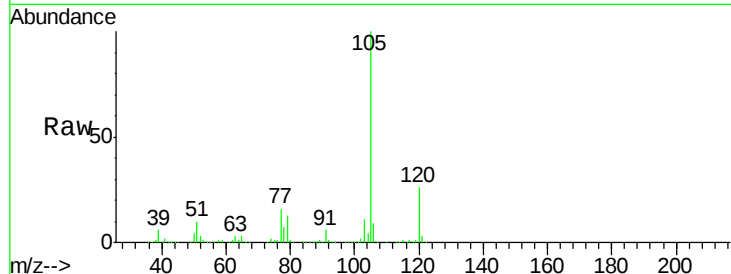
#73
Isopropylbenzene
Concen: 50.704 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.2	39.6

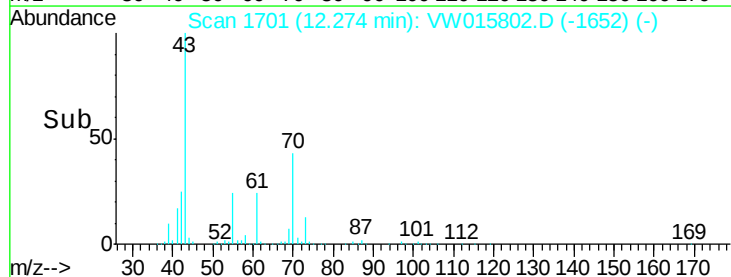
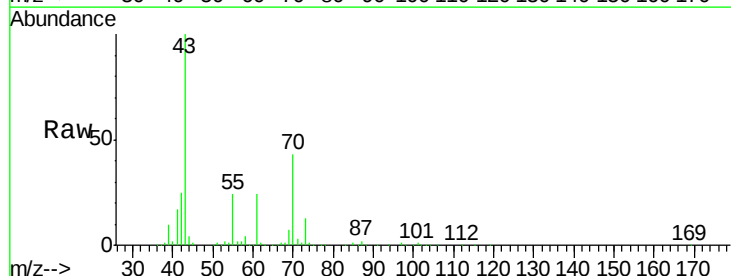
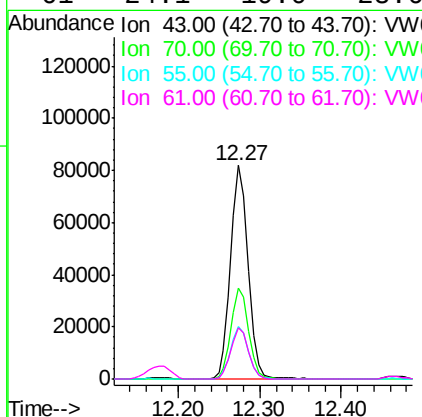
Manual Integrations
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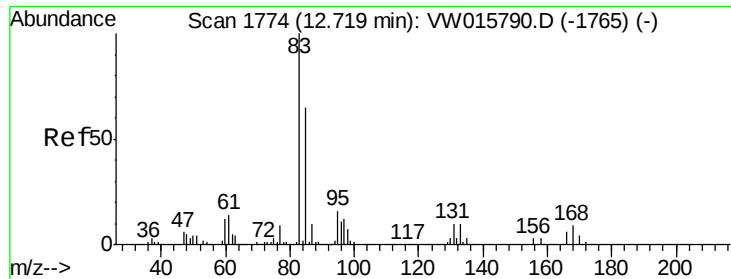
MMDadoda
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#74
N-ethyl acetate
Concen: 49.822 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.9	34.1	51.1
55	24.9	20.0	30.0
61	24.1	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.380 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

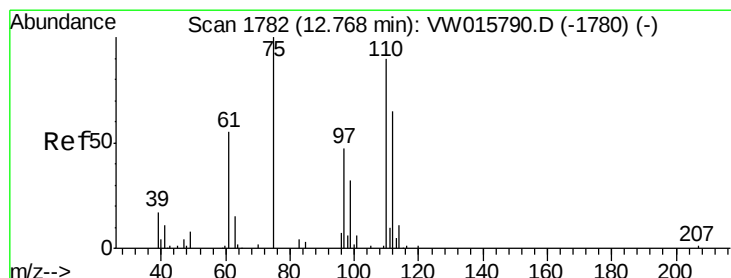
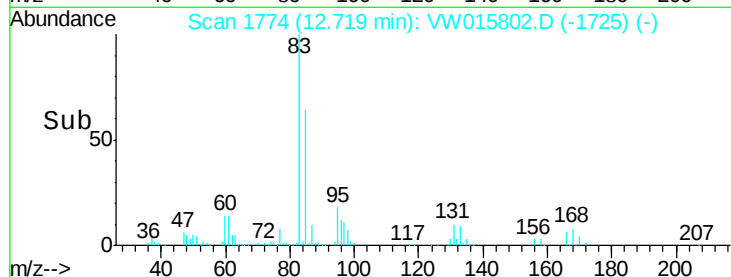
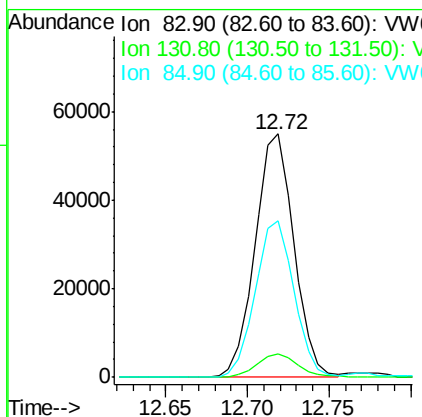
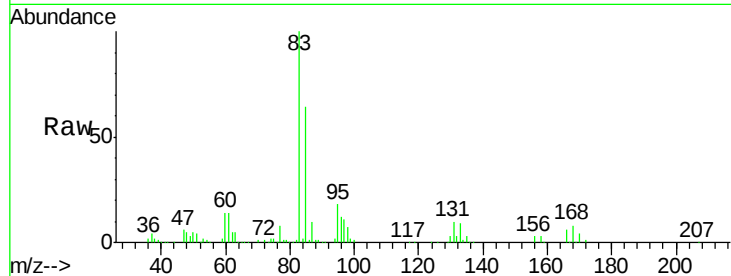
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	90648
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.474 ug/l m

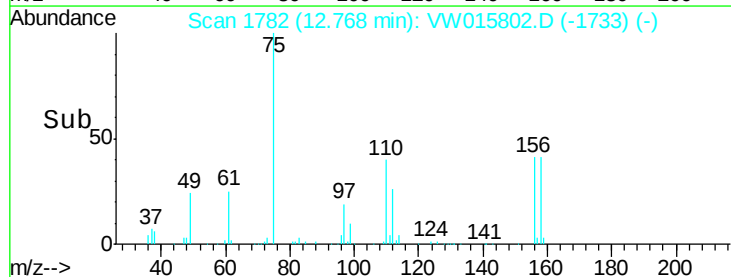
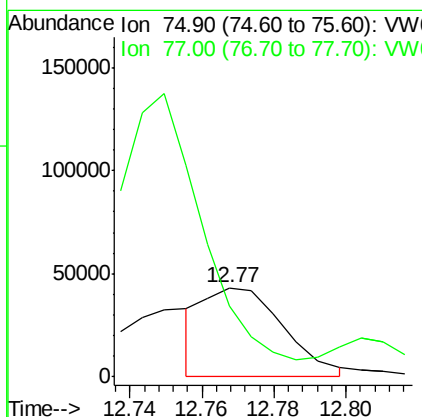
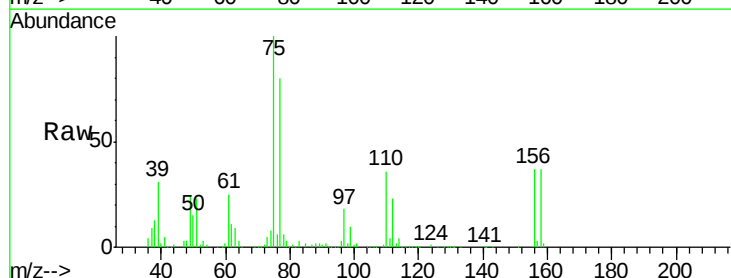
RT: 12.77 min Scan# 1782

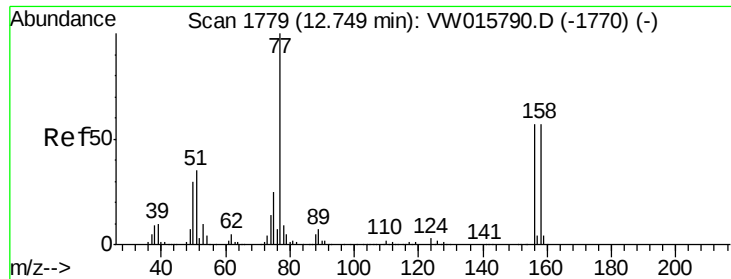
Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	75	Resp:	66784
Ion Ratio	Lower	Upper	
75	100		
77	363.7	177.3	532.0





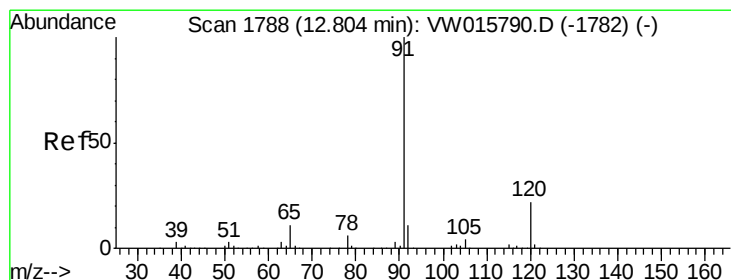
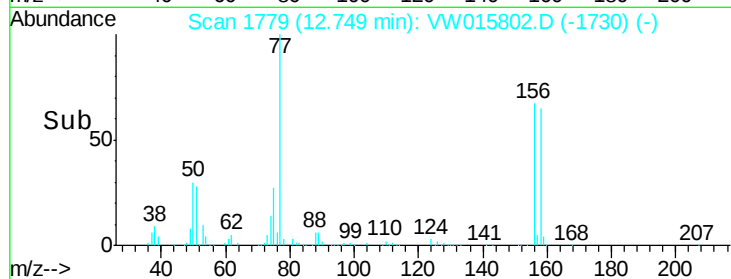
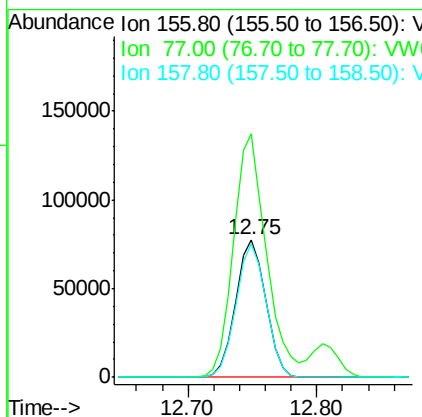
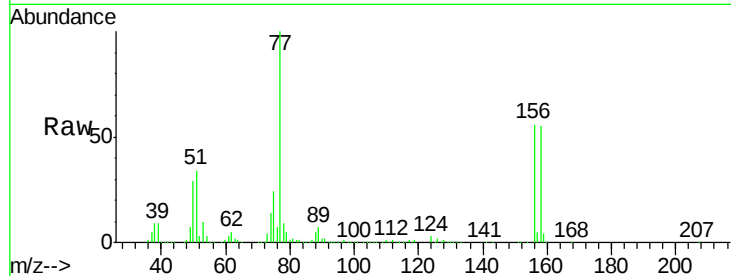
#77
Bromobenzene
Concen: 49.633 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100			
77	193.6	98.8	296.4	
158	96.6	50.0	149.8	

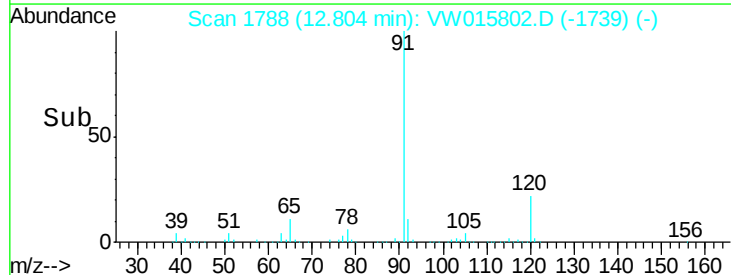
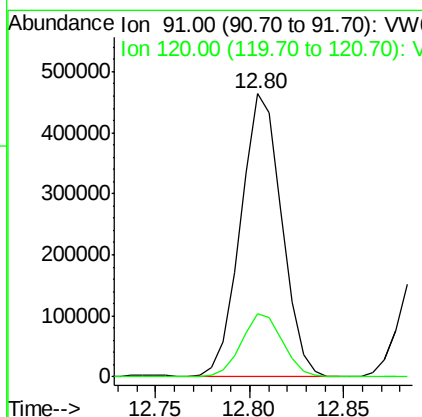
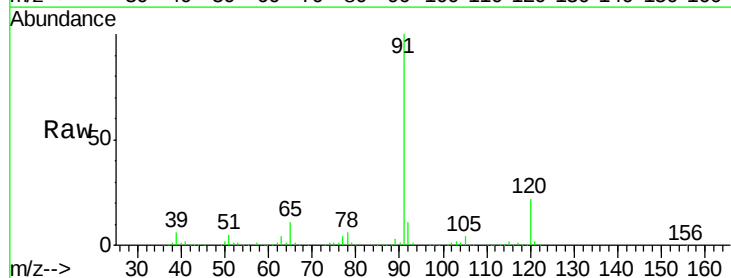
Manual Integrations
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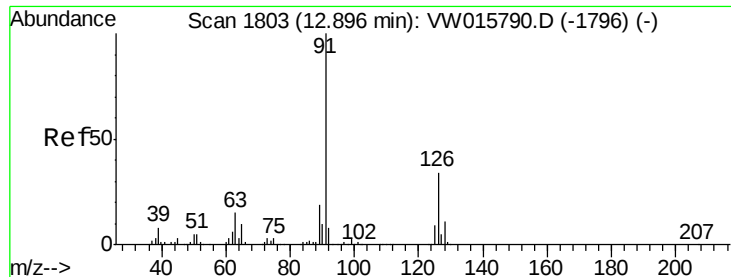
MMDadoda
7/9/2020 10:47:26 AM



#78
n-propylbenzene
Concen: 51.165 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
120	22.3	11.2	33.6	





#79

2-Chlorotoluene

Concen: 49.988 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 390173

Ion Ratio Lower Upper

91 100

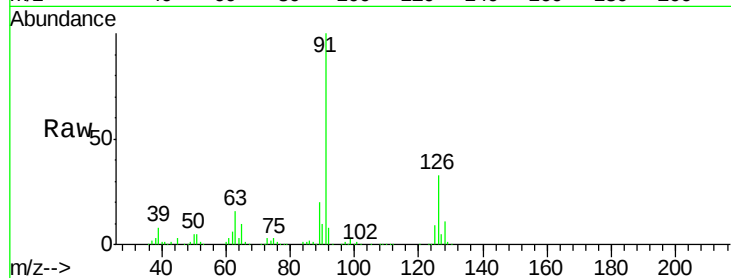
126 32.6 16.5 49.5

Manual Integrations

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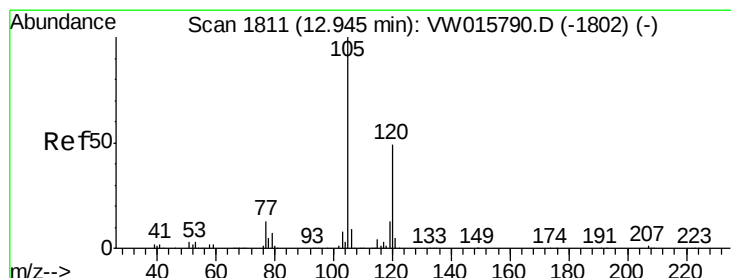
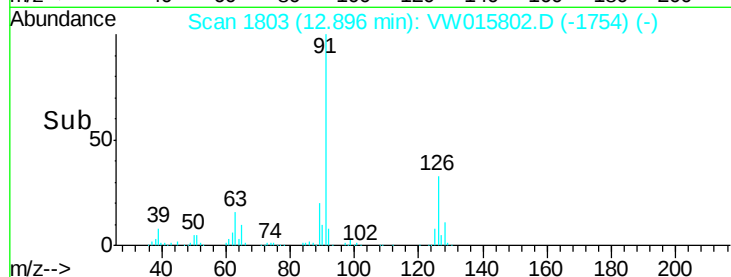
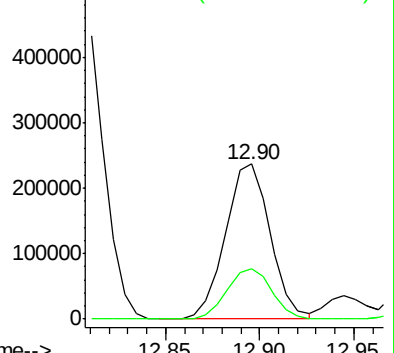
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.046 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015802.D

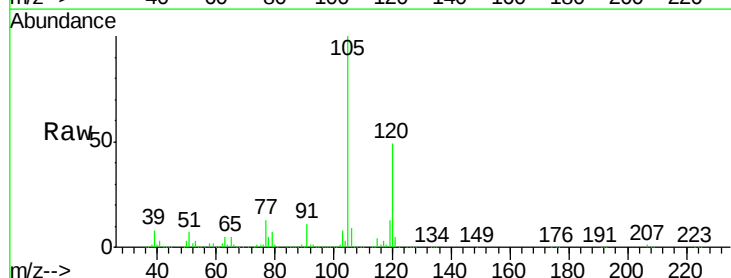
Acq: 08 Jul 2020 11:24

Tgt Ion:105 Resp: 490600

Ion Ratio Lower Upper

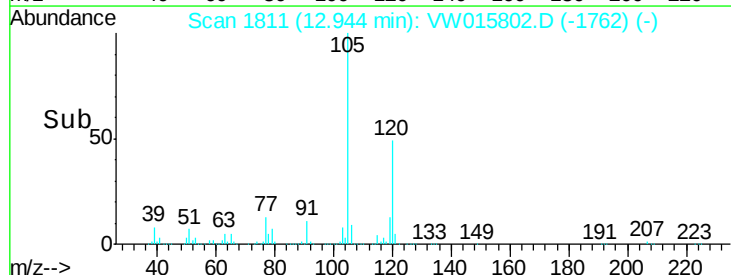
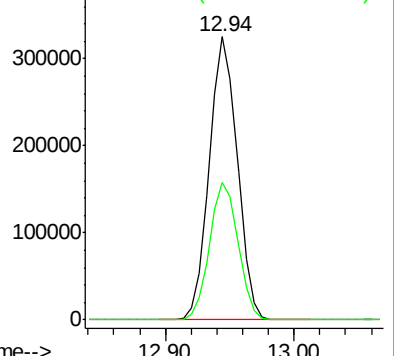
105 100

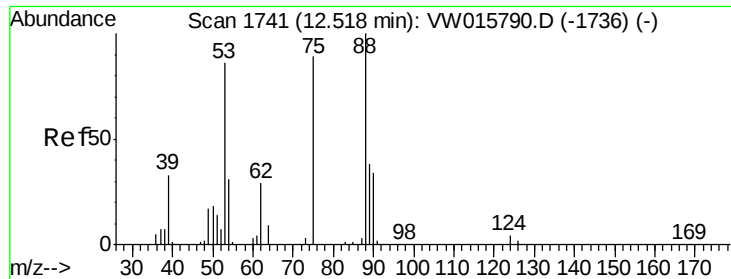
120 49.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 44.508 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Instrument :

MSVOA_W

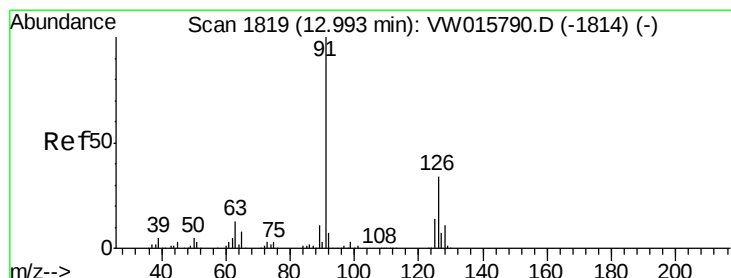
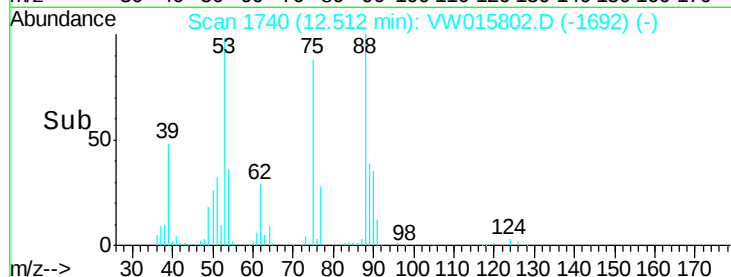
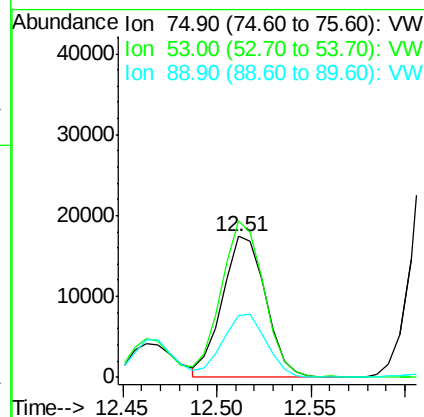
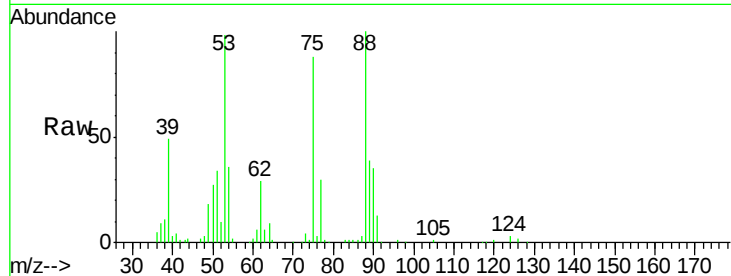
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	27338
Ion Ratio	Lower	Upper	
75	100		
53	111.7	85.9	128.9
89	46.4	36.2	54.4

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#82

4-Chlorotoluene

Concen: 50.522 ug/l

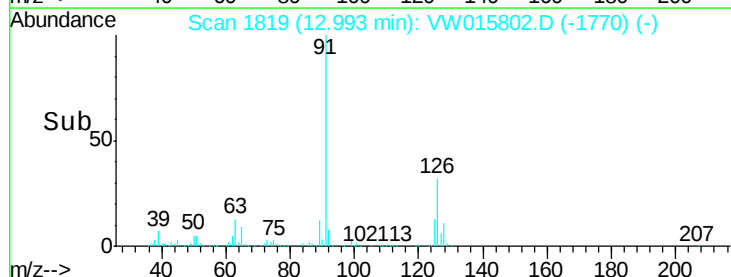
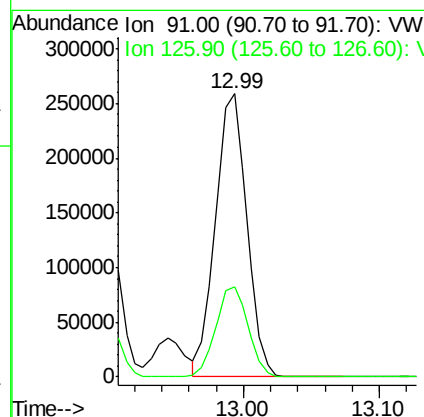
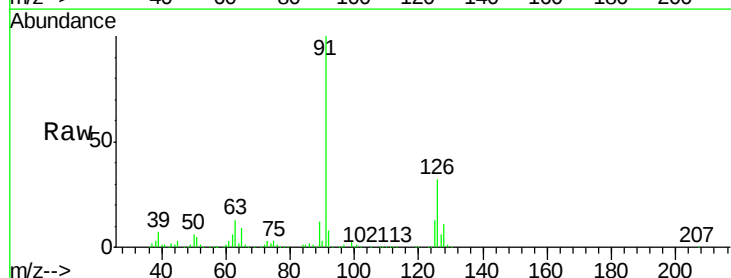
RT: 12.99 min Scan# 1819

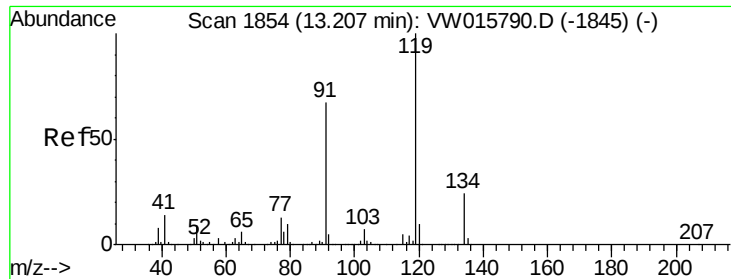
Delta R.T. -0.00 min

Lab File: VW015802.D

Acq: 08 Jul 2020 11:24

Tgt Ion:	91	Resp:	411796
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.3	48.9





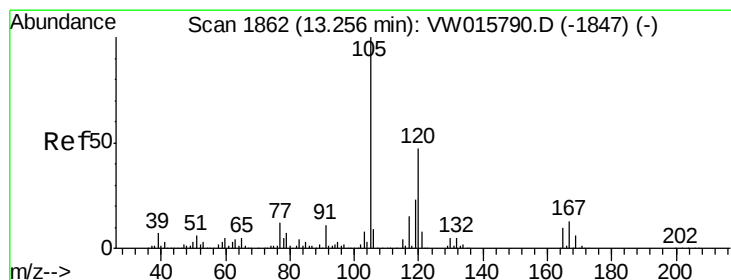
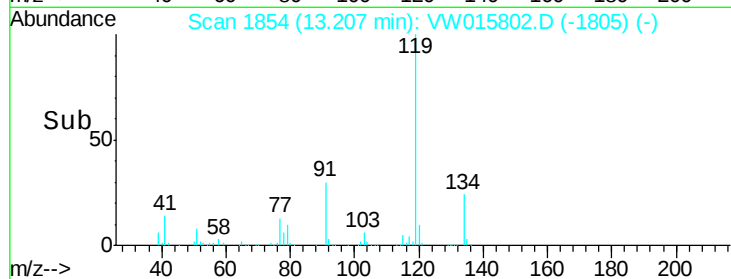
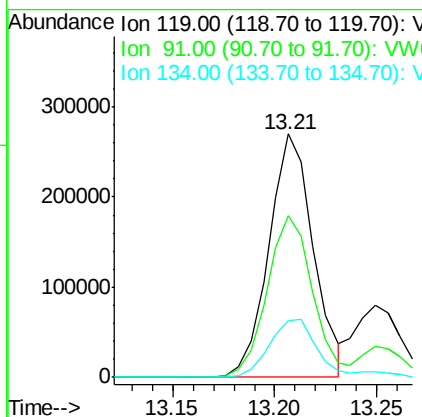
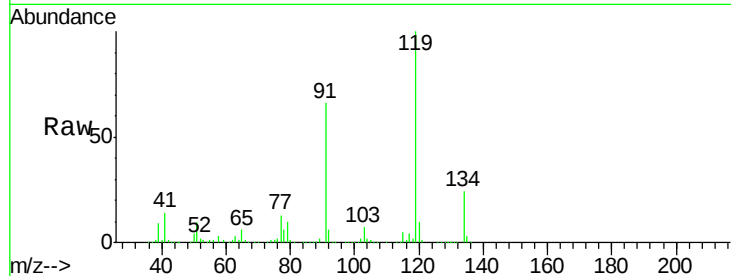
#83
tert-Butylbenzene
Concen: 51.342 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	409655		
91	68.3		34.4	103.3
134	25.4		13.6	40.7

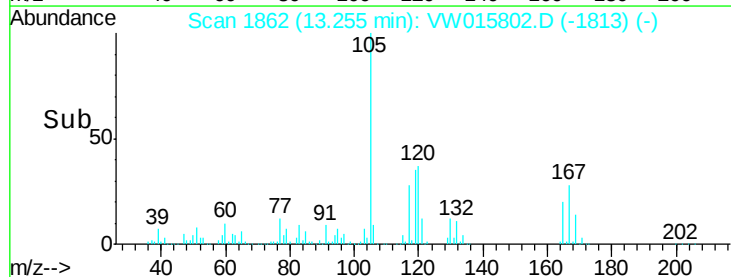
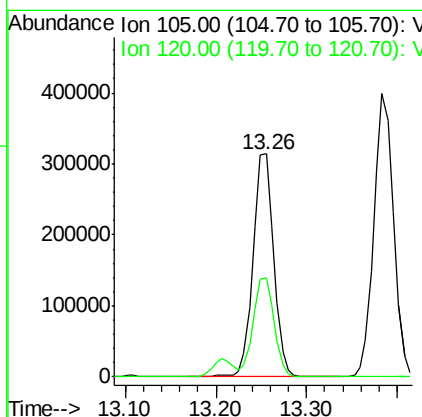
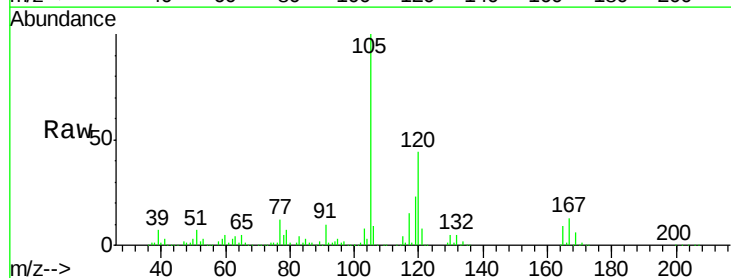
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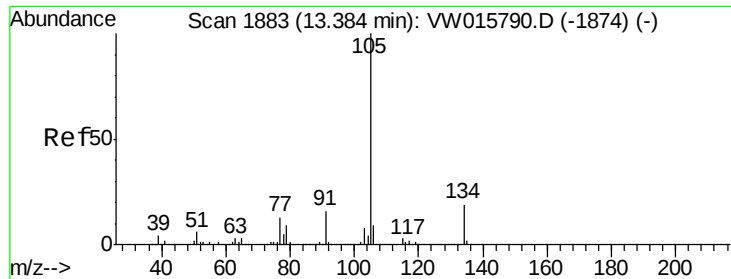
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#84
1,2,4-Trimethylbenzene
Concen: 51.616 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	495407		
120	45.0		22.8	68.4





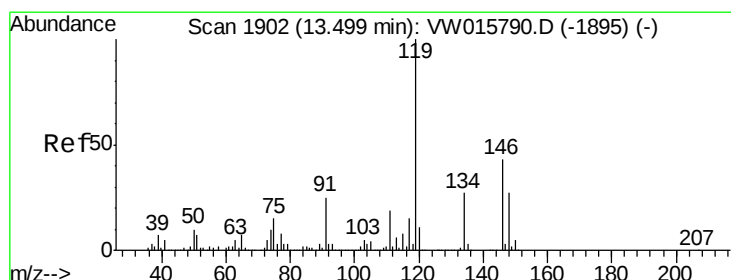
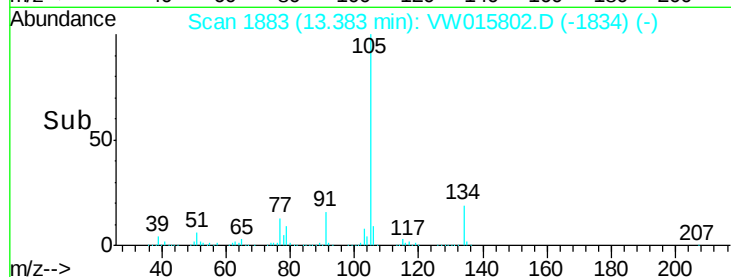
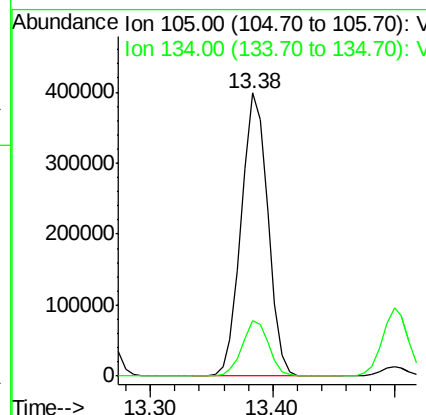
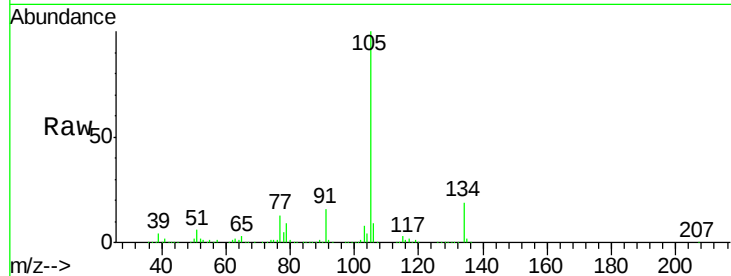
#85
 sec-Butylbenzene
 Concen: 52.077 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	29.8

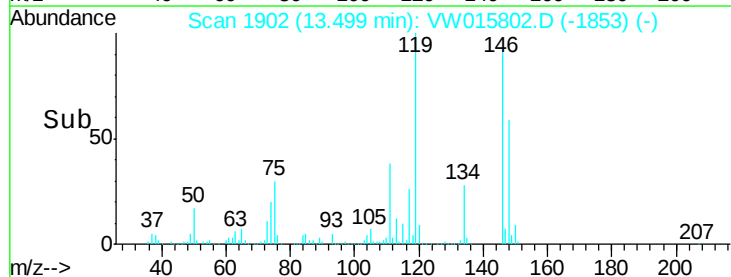
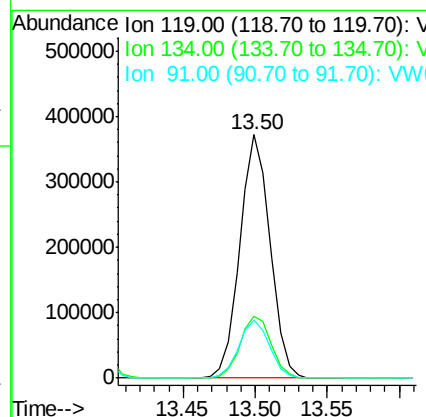
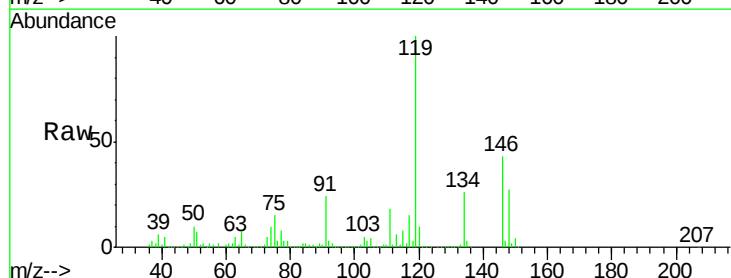
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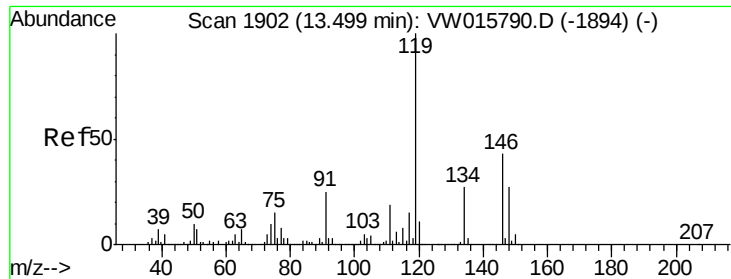
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#86
 p-Isopropyltoluene
 Concen: 51.493 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.6
91	24.3	12.2	36.6





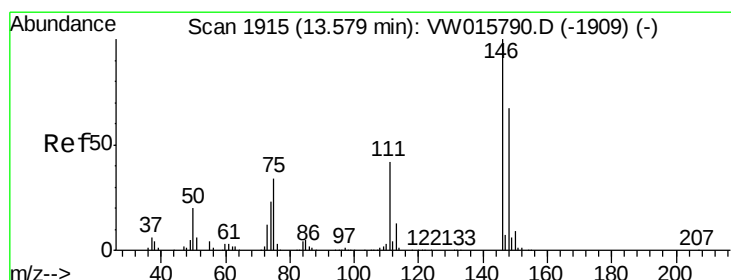
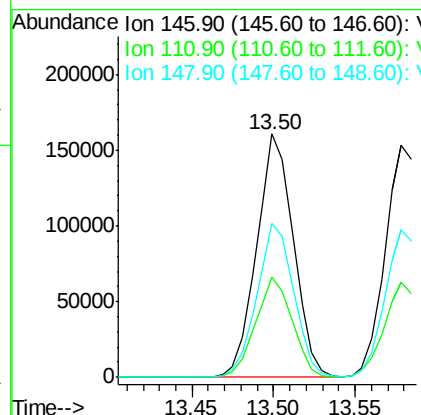
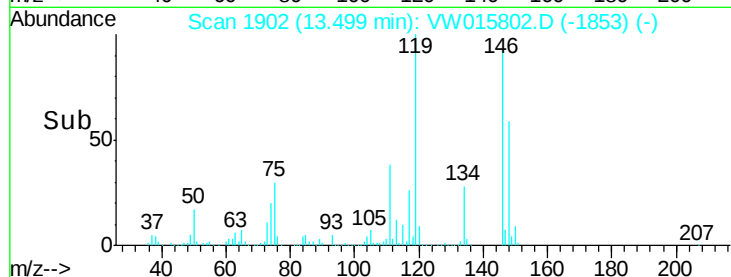
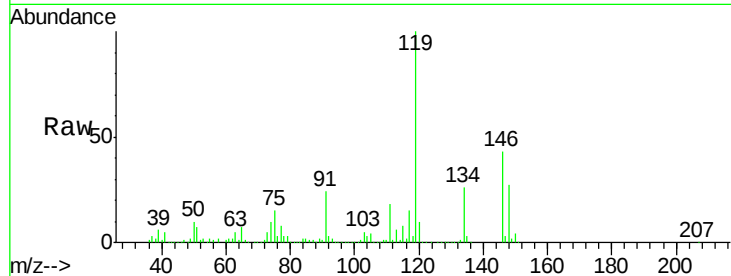
#87
 1,3-Dichlorobenzene
 Concen: 49.787 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	252341		
111	40.9	20.8	62.4	
148	63.5	31.4	94.2	

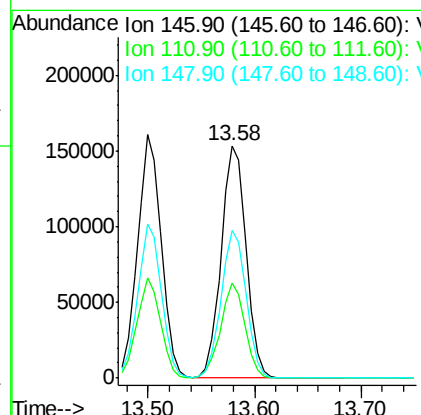
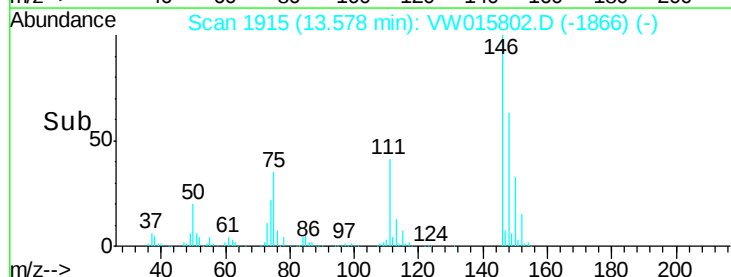
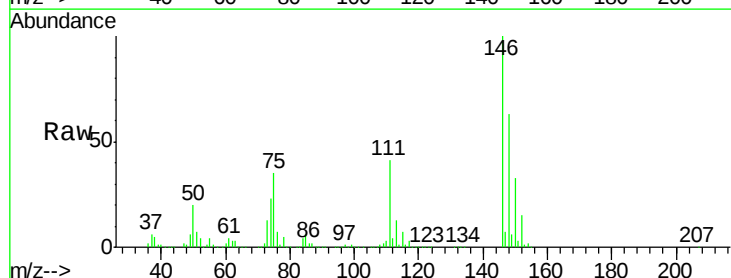
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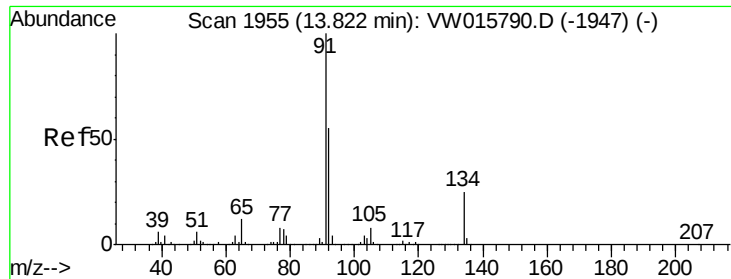
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#88
 1,4-Dichlorobenzene
 Concen: 50.246 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249309		
111	40.0	20.2	60.6	
148	63.7	31.8	95.4	





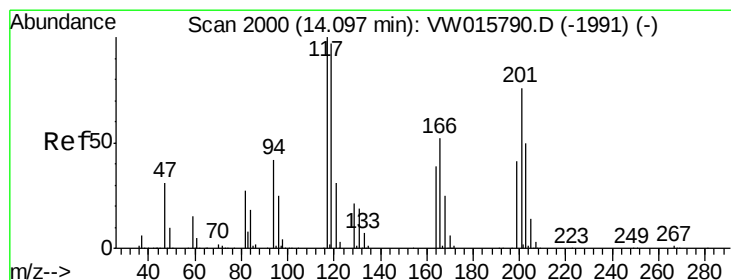
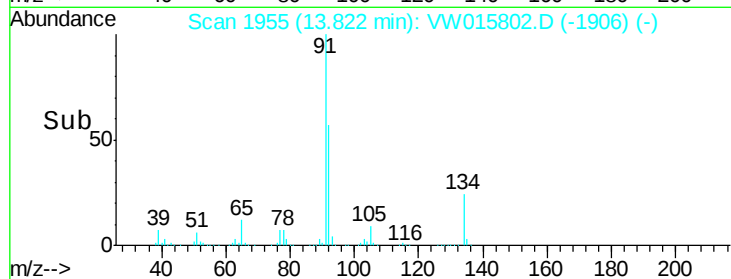
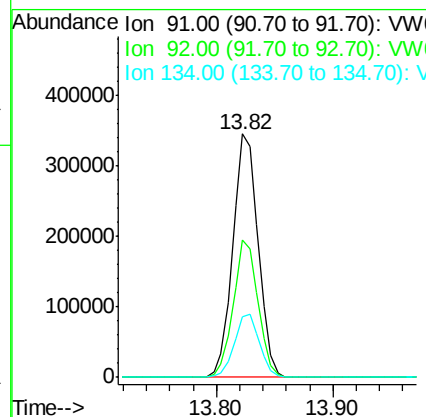
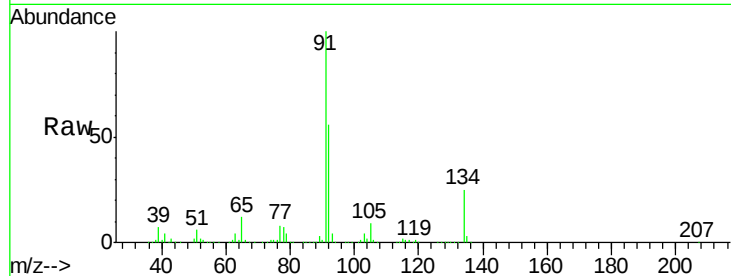
#89
n-Butylbenzene
Concen: 51.709 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.1	27.2	81.6	
134	25.7	12.7	38.1	

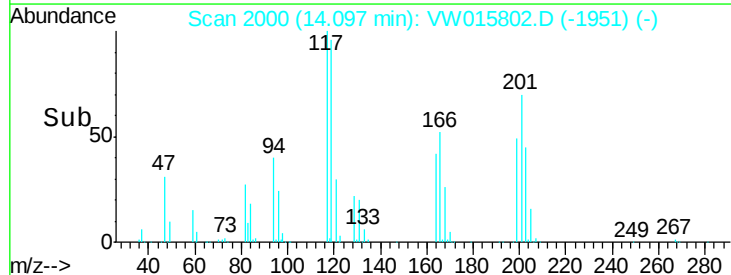
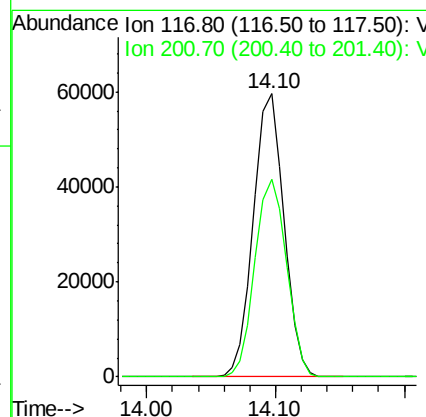
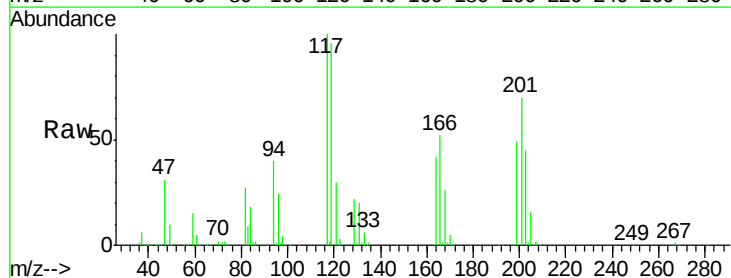
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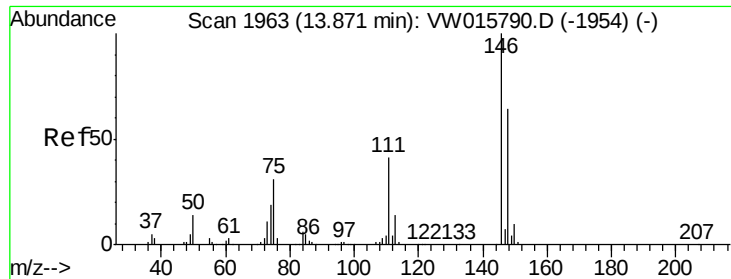
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#90
Hexachloroethane
Concen: 51.295 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.5	37.1	111.3	





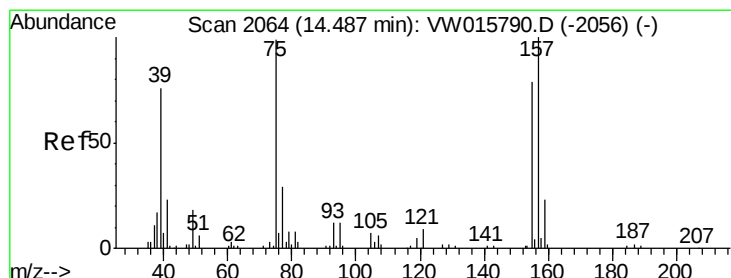
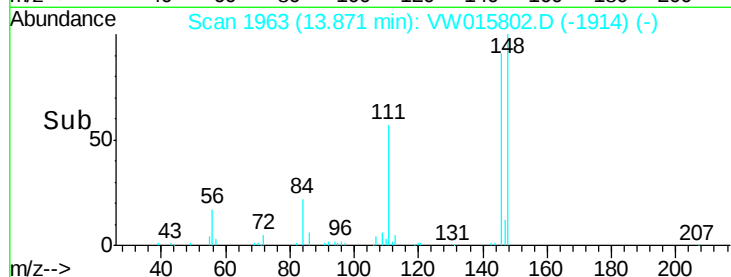
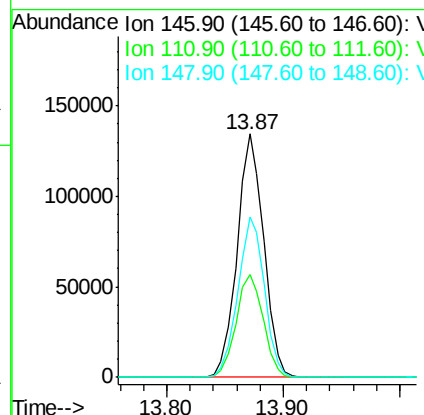
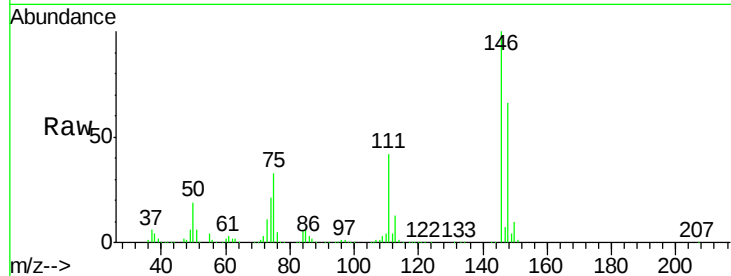
#91
 1,2-Dichlorobenzene
 Concen: 48.610 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.6	61.9
148	65.8	31.8	95.4

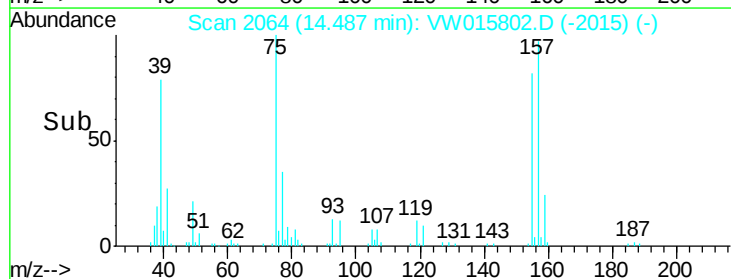
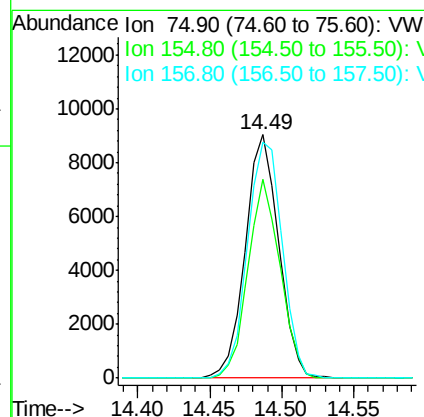
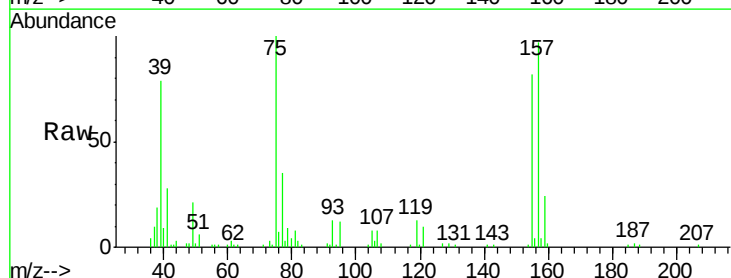
Manual Integrations
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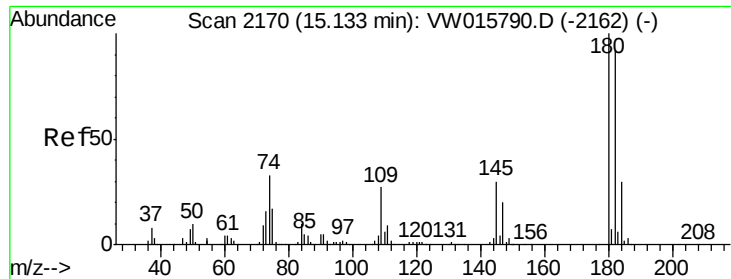
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.488 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.1	117.5
157	100.8	49.1	147.4





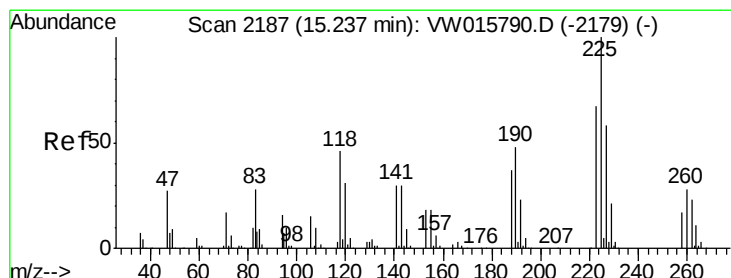
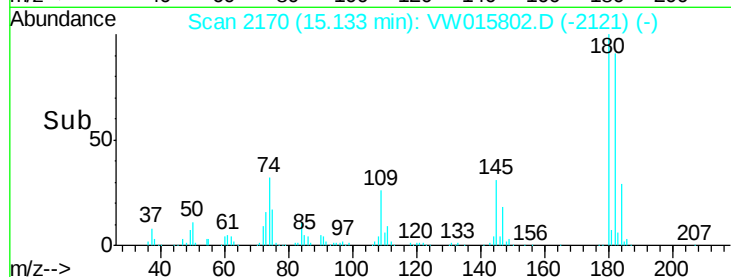
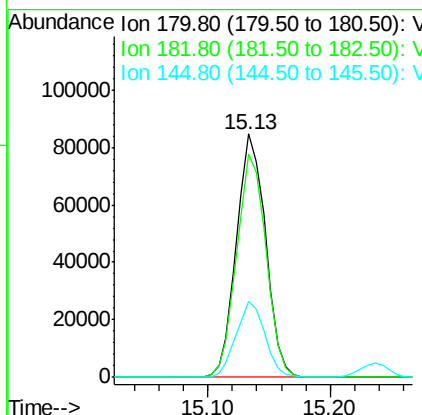
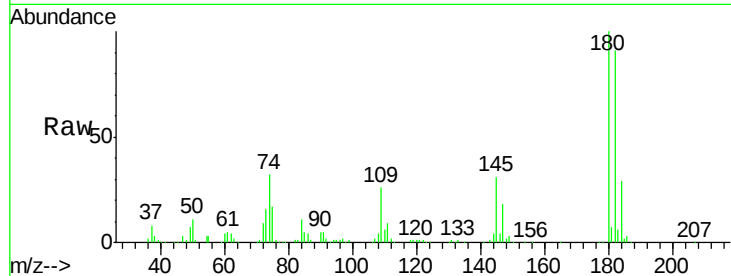
#93
 1,2,4-Trichlorobenzene
 Concen: 50.415 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139569		
182	92.5	46.8	140.3	
145	30.9	15.4	46.4	

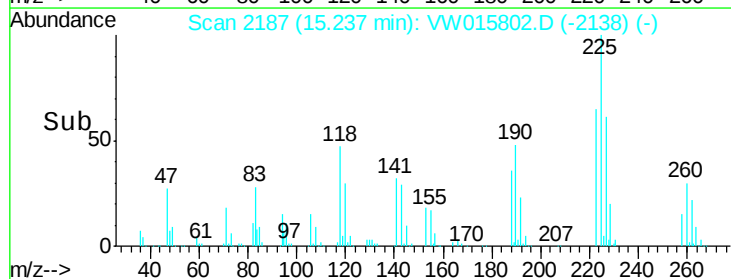
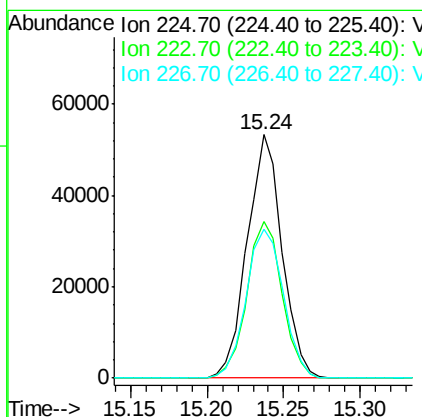
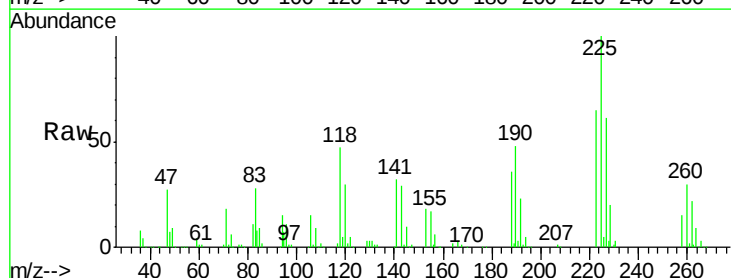
Manual Integrations
 APPROVED

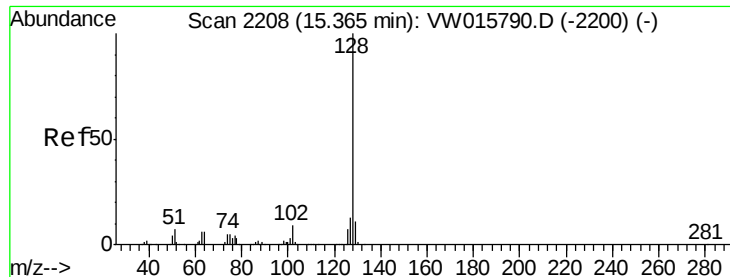
MMDadoda
 7/9/2020 10:47:26 AM



#94
 Hexachlorobutadiene
 Concen: 48.082 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015802.D
 Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84513		
223	65.1	32.4	97.2	
227	65.3	30.7	92.1	





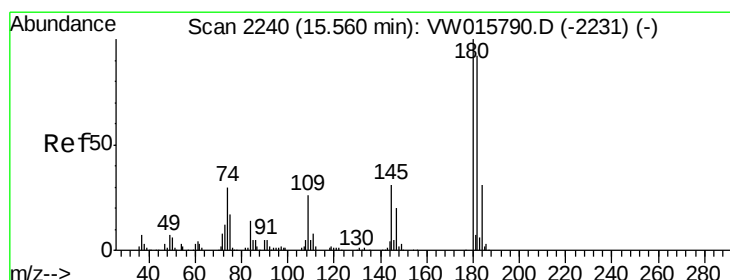
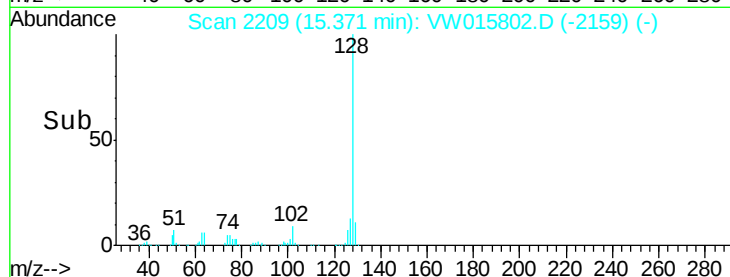
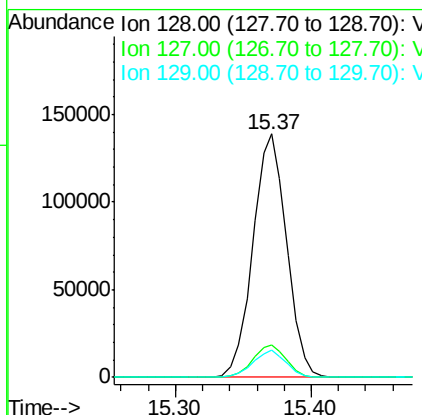
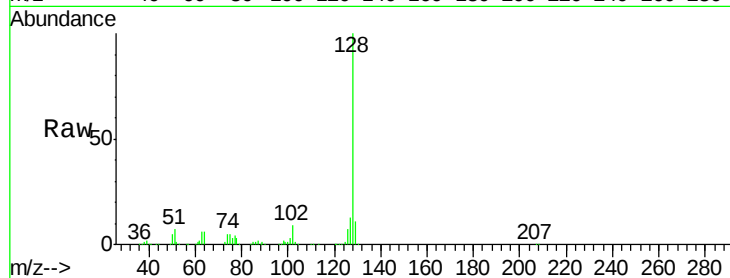
#95
Naphthalene
Concen: 46.814 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:47:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.534 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015802.D
Acq: 08 Jul 2020 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.7	143.1
145	33.2	16.7	50.0

