

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015736.D
 Acq On : 25 Jun 2020 18:26
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:22 AM

Quant Time: Jun 26 03:45:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	307785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108157	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.88	113	95830	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.32	98	387533	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	148621	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61701	54.254	ug/l	100
3) Chloromethane	2.21	50	63946	47.883	ug/l	99
4) Vinyl Chloride	2.37	62	108295	50.161	ug/l	99
5) Bromomethane	2.78	94	77692	48.961	ug/l	98
6) Chloroethane	2.93	64	72212	50.826	ug/l	98
7) Trichlorofluoromethane	3.26	101	84346	52.031	ug/l	96
8) Diethyl Ether	3.68	74	48771	52.094	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	93558	48.964	ug/l	99
10) Methyl Iodide	4.27	142	136280	50.441	ug/l	100
11) Tert butyl alcohol	5.18	59	33521	290.182	ug/l	100
12) 1,1-Dichloroethene	4.04	96	92967	49.967	ug/l	99
13) Acrolein	3.89	56	30888	209.522	ug/l	99
14) Allyl chloride	4.67	41	149533	49.538	ug/l	98
15) Acrylonitrile	5.37	53	102294	264.830	ug/l	98
16) Acetone	4.12	43	99622	246.936	ug/l	98
17) Carbon Disulfide	4.39	76	258540	48.281	ug/l	99
18) Methyl Acetate	4.67	43	45394	54.831	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	149815	53.504	ug/l	99
20) Methylene Chloride	4.92	84	108471	55.704	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	106354	49.858	ug/l	96
22) Diisopropyl ether	6.31	45	304980	50.800	ug/l	97
23) Vinyl Acetate	6.26	43	934815	267.012	ug/l	100
24) 1,1-Dichloroethane	6.22	63	187760	49.684	ug/l	100
25) 2-Butanone	7.17	43	142065	260.550	ug/l	99
26) 2,2-Dichloropropane	7.17	77	114381	45.126	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	116733	50.871	ug/l	99
28) Bromochloromethane	7.51	49	76869	52.880	ug/l	99
29) Tetrahydrofuran	7.54	42	88136	275.071	ug/l	98
30) Chloroform	7.68	83	193109	49.825	ug/l	100
31) Cyclohexane	7.96	56	170320	46.591	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	161822	48.982	ug/l	99
36) 1,1-Dichloropropene	8.09	75	156127	48.770	ug/l	100
37) Ethyl Acetate	7.26	43	63769	52.170	ug/l	99
38) Carbon Tetrachloride	8.07	117	147057	47.389	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	190464	49.121	ug/l	98
40) Benzene	8.32	78	426423	48.989	ug/l	100
41) Methacrylonitrile	7.49	41	38741	55.225	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	134904	50.097	ug/l	100
43) Isopropyl Acetate	8.43	43	127150	52.127	ug/l	99
44) Trichloroethene	9.09	130	113540	48.393	ug/l	97
45) 1,2-Dichloropropane	9.37	63	105573	49.620	ug/l	96
46) Dibromomethane	9.46	93	55700	50.598	ug/l	99
47) Bromodichloromethane	9.65	83	140538	48.943	ug/l	98
48) Methyl methacrylate	9.44	41	60311	54.082	ug/l	99
49) 1,4-Dioxane	9.45	88	18601	1288.057	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	319163	271.323	ug/l	100
52) Toluene	10.39	92	285134	50.730	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	139825	50.405	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	164665	49.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	77343	50.532	ug/l	95
56) Ethyl methacrylate	10.65	69	104722	54.989	ug/l	97
57) 1,3-Dichloropropane	10.93	76	140471	51.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	240160	266.485	ug/l	99
59) 2-Hexanone	10.97	43	221633	276.753	ug/l	100
60) Dibromochloromethane	11.13	129	91740	51.435	ug/l	99
61) 1,2-Dibromoethane	11.24	107	76366	52.198	ug/l	100
64) Tetrachloroethene	10.87	164	95733	47.152	ug/l	97
65) Chlorobenzene	11.66	112	302514	49.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	103128	48.270	ug/l	97
67) Ethyl Benzene	11.73	91	566539	49.959	ug/l	98
68) m/p-Xylenes	11.84	106	430255	101.042	ug/l	100
69) o-Xylene	12.17	106	199843	51.043	ug/l	98
70) Styrene	12.18	104	346568	51.810	ug/l	100
71) Bromoform	12.35	173	49538	50.394	ug/l #	97
73) Isopropylbenzene	12.46	105	565051	48.998	ug/l	99
74) N-amyl acetate	12.27	43	126132	51.595	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	93198	50.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66949m	48.551	ug/l	
77) Bromobenzene	12.75	156	124320	48.346	ug/l	99
78) n-propylbenzene	12.80	91	673404	48.512	ug/l	99
79) 2-Chlorotoluene	12.89	91	382152	48.894	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	479188	49.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	26817	49.008	ug/l	95
82) 4-Chlorotoluene	12.99	91	397575	48.082	ug/l	98
83) tert-Butylbenzene	13.21	119	404509	48.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	481829	49.444	ug/l	100
85) sec-Butylbenzene	13.38	105	581593	49.289	ug/l	99
86) p-Isopropyltoluene	13.50	119	538383	50.218	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	251326	49.234	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	241496	47.767	ug/l	96
89) n-Butylbenzene	13.82	91	511435	49.694	ug/l	99
90) Hexachloroethane	14.10	117	91150	47.775	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	212971	48.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15069	51.008	ug/l	97

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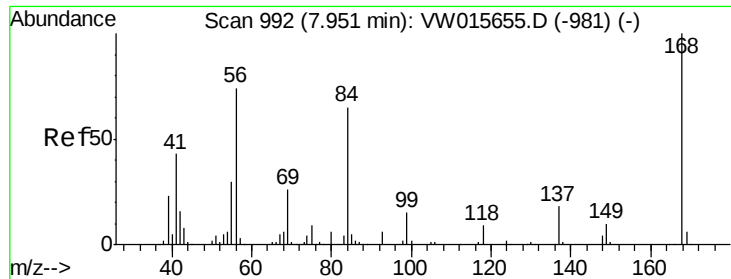
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	147053	50.453	ug/l	99
94) Hexachlorobutadiene	15.24	225	88536	47.681	ug/l	98
95) Naphthalene	15.37	128	266723	55.328	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	128420	51.175	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015736.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 190734

Ion Ratio Lower Upper

168 100

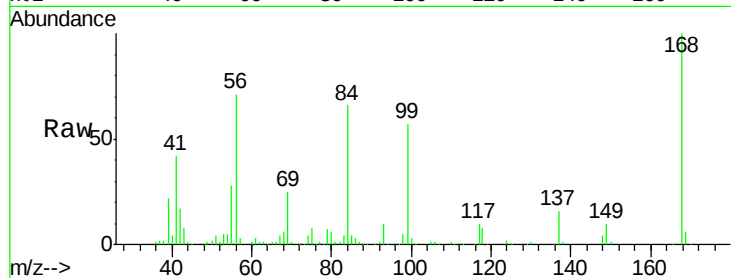
99 57.1 48.6 73.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

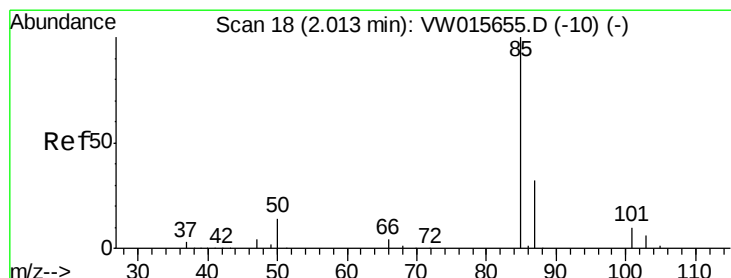
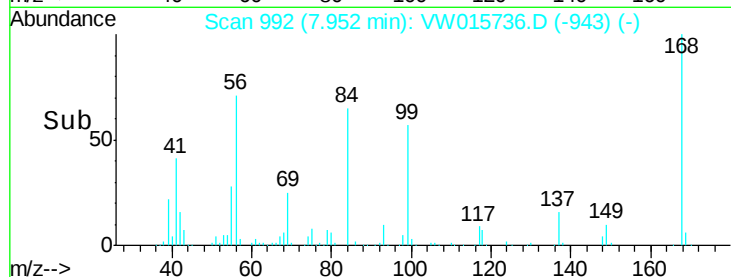
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.254 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015736.D

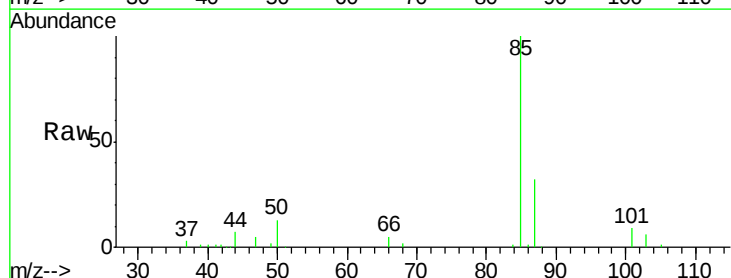
Acq: 25 Jun 2020 18:26

Tgt Ion: 85 Resp: 61701

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

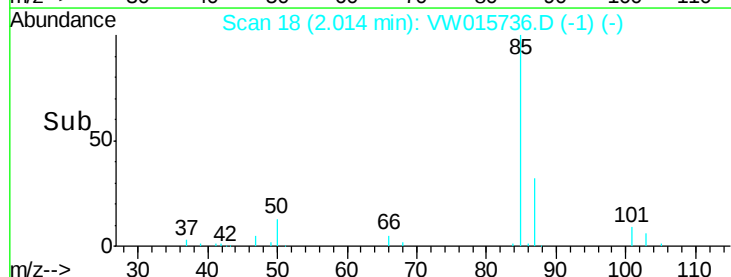
10000

5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 47.883 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 63946

Ion Ratio Lower Upper

50 100

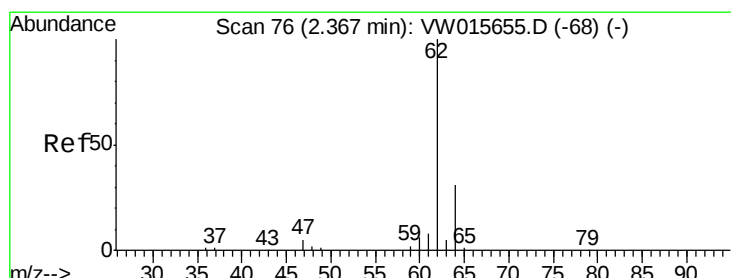
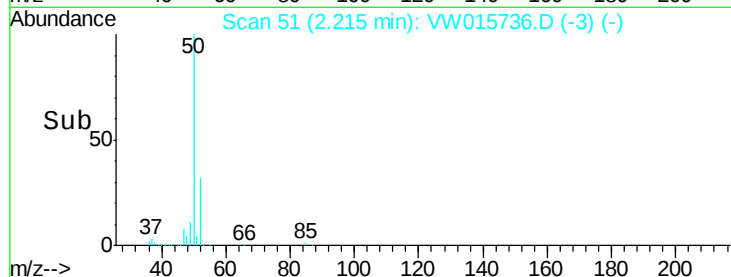
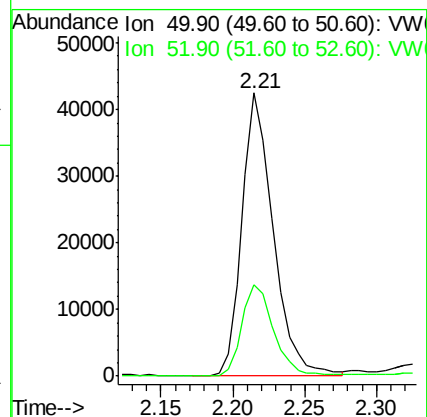
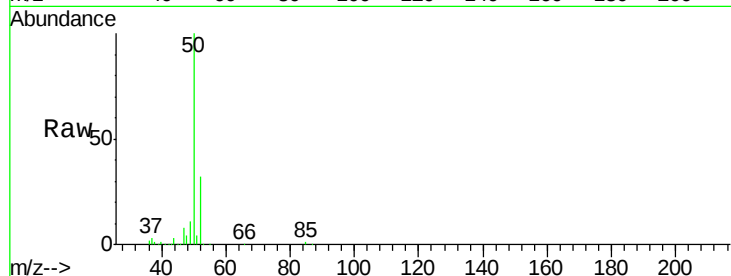
52 32.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.161 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015736.D

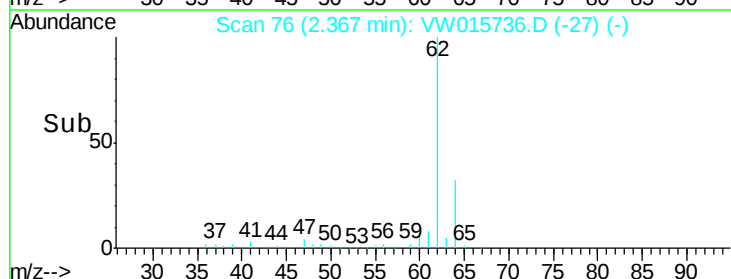
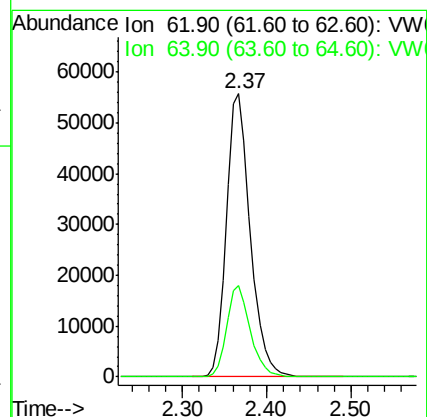
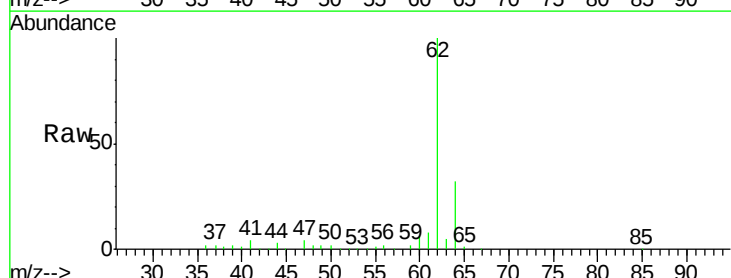
Acq: 25 Jun 2020 18:26

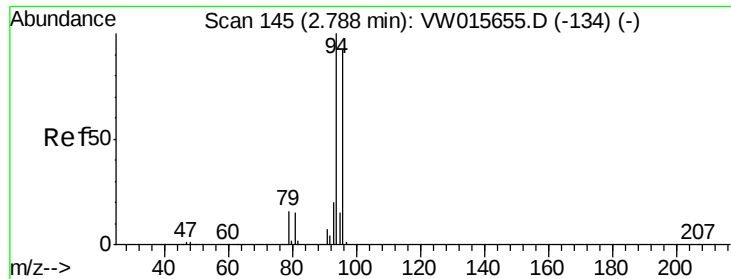
Tgt Ion: 62 Resp: 108295

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 48.961 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 77692

Ion Ratio Lower Upper

94 100

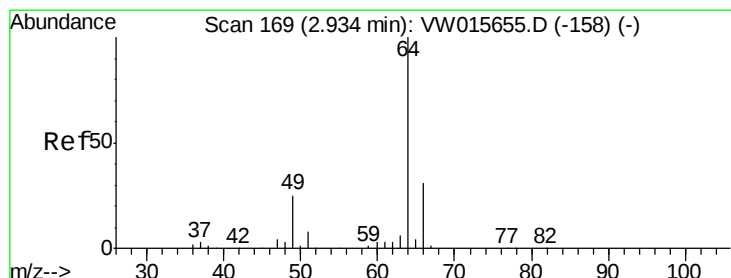
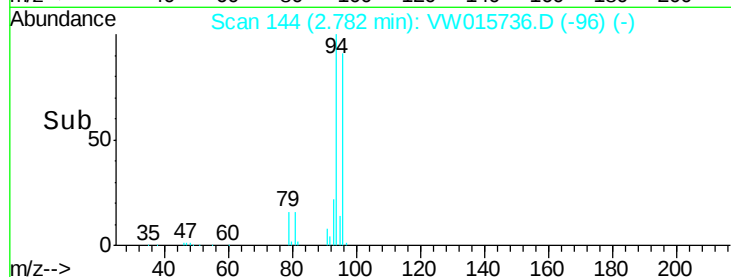
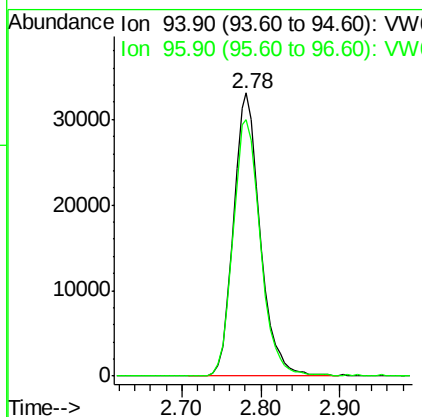
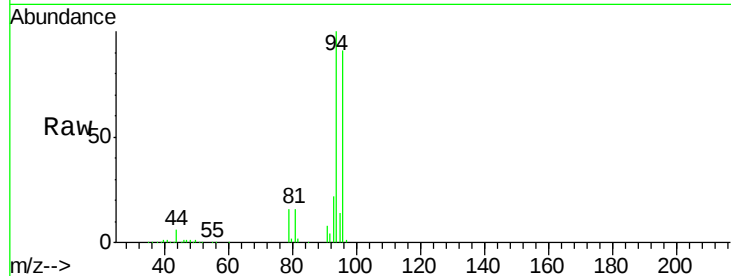
96 90.8 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 50.826 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015736.D

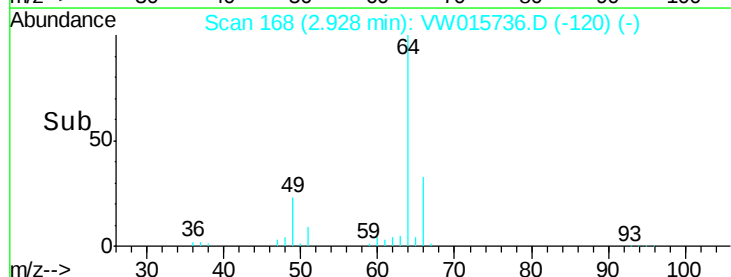
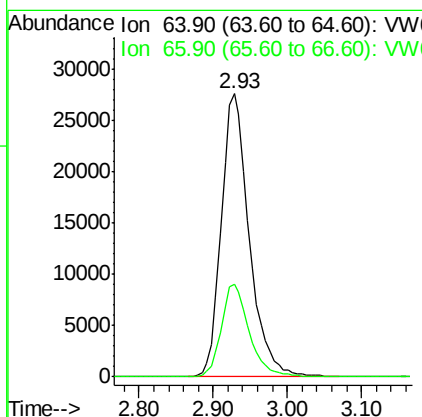
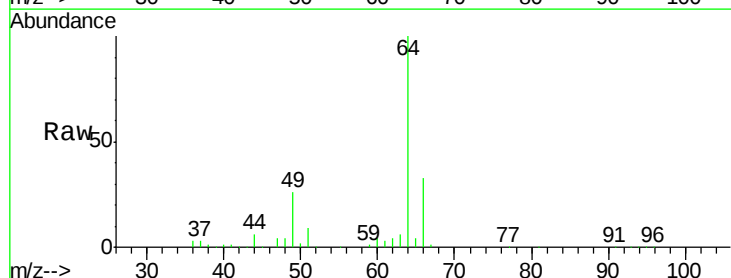
Acq: 25 Jun 2020 18:26

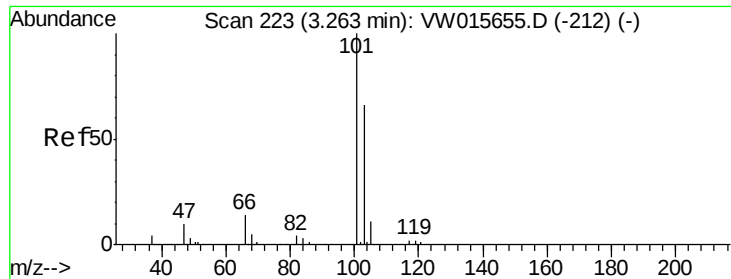
Tgt Ion: 64 Resp: 72212

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9





#7

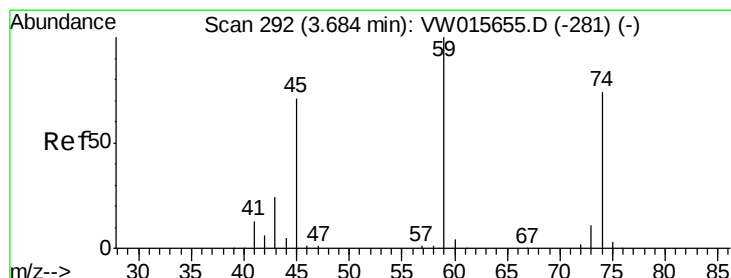
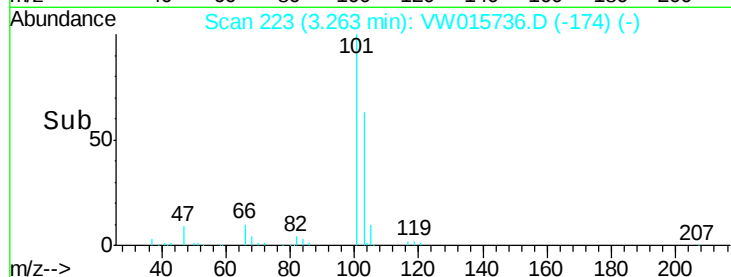
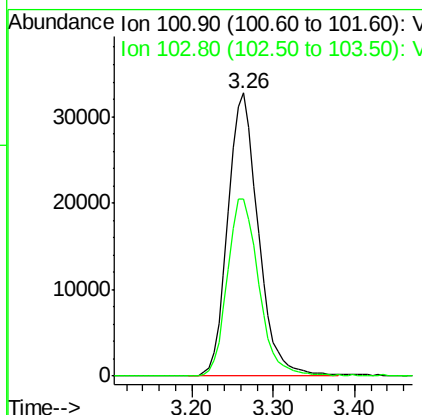
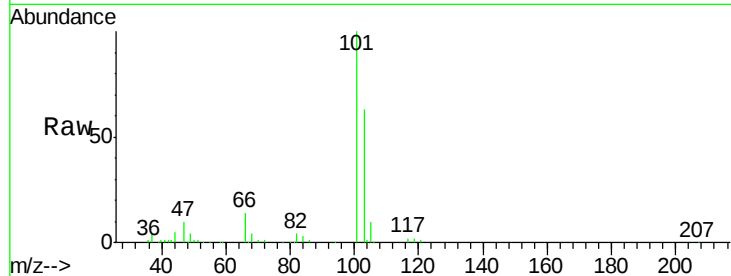
Trichlorofluoromethane
 Concen: 52.031 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	52.6	78.8

Manual Integrations
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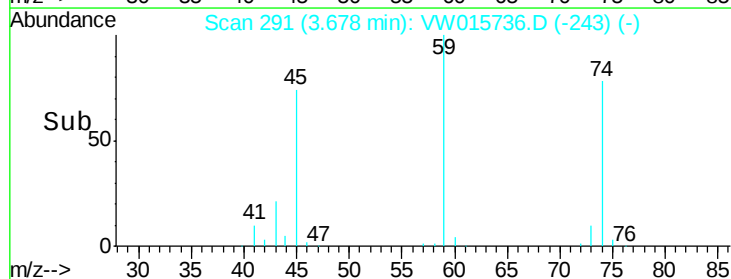
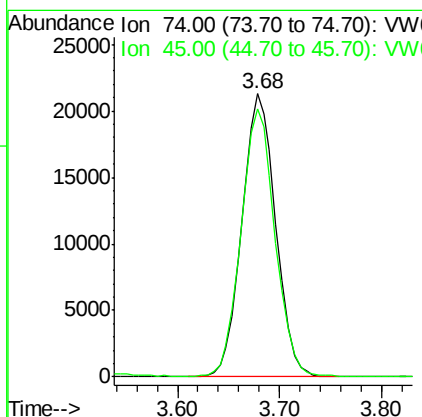
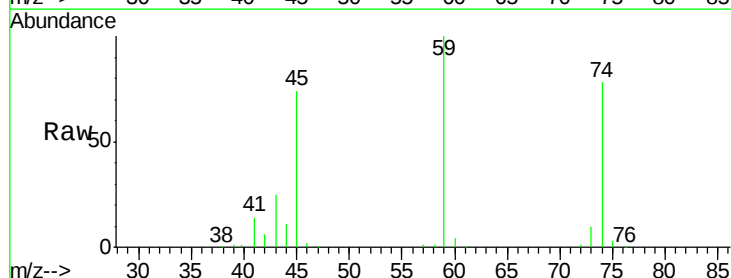
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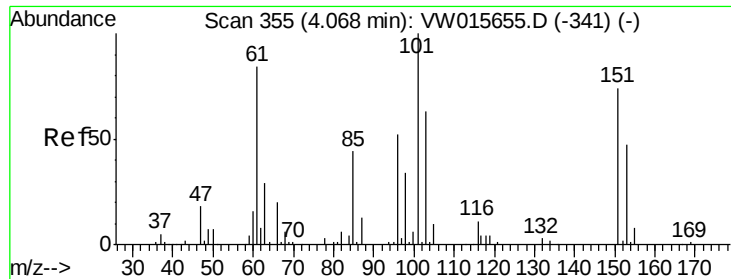


#8

Diethyl Ether
 Concen: 52.094 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.2	144.6





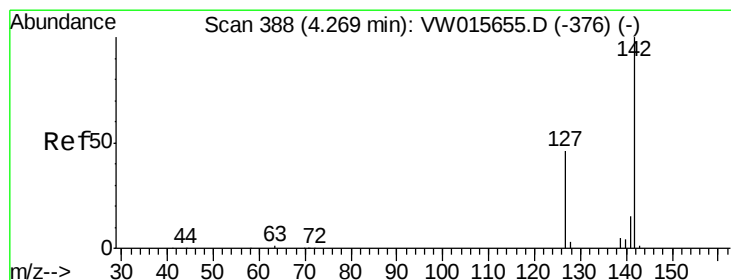
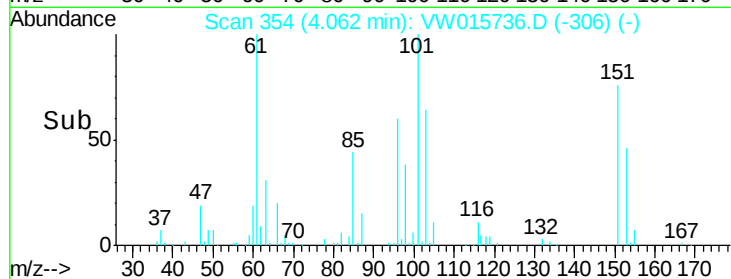
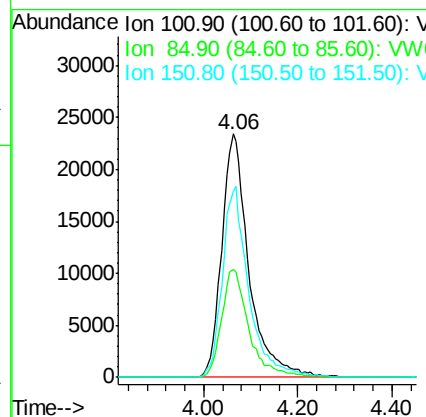
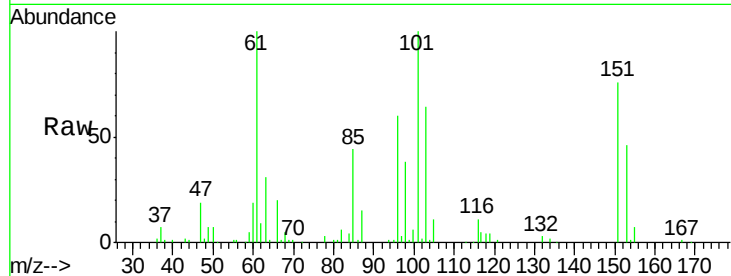
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.964 ug/l
RT: 4.06 min Scan# 354
Delta R.T. -0.01 min
Lab File: VW015736.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.6	55.0
151	75.7	60.4	90.6

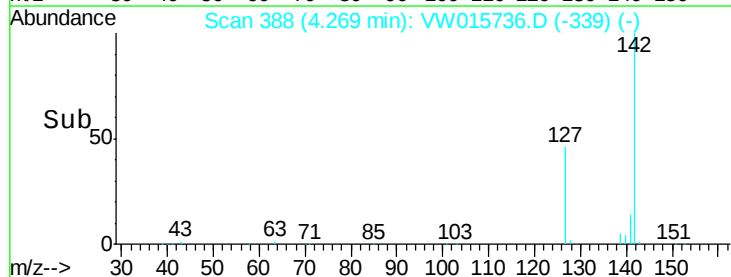
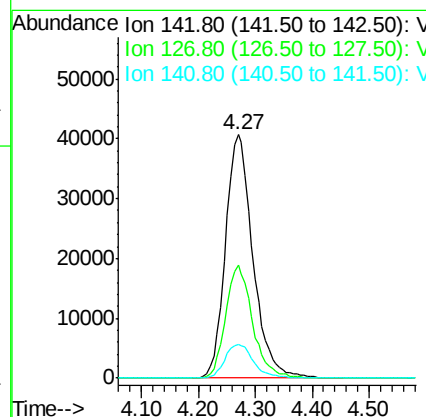
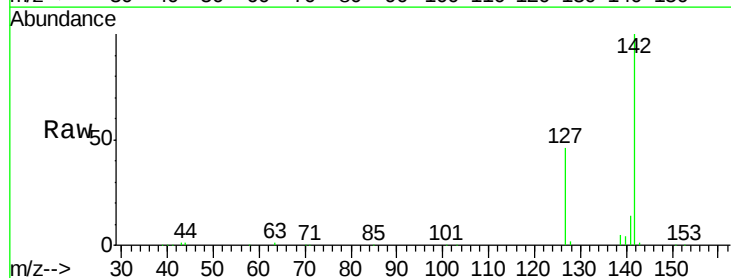
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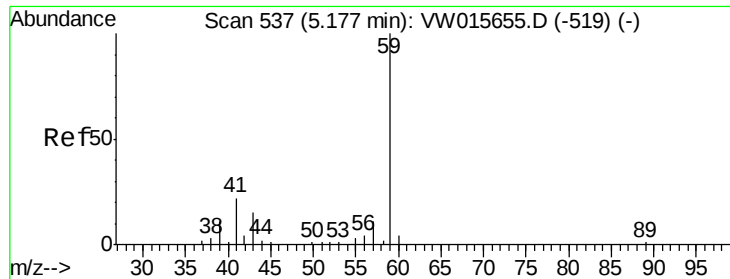
MMDadoda
6/26/2020 11:21:22 AM



#10
Methyl Iodide
Concen: 50.441 ug/l
RT: 4.27 min Scan# 388
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.4	36.4	54.6
141	14.4	11.6	17.4





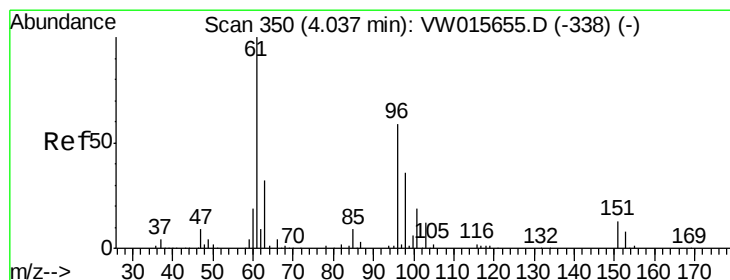
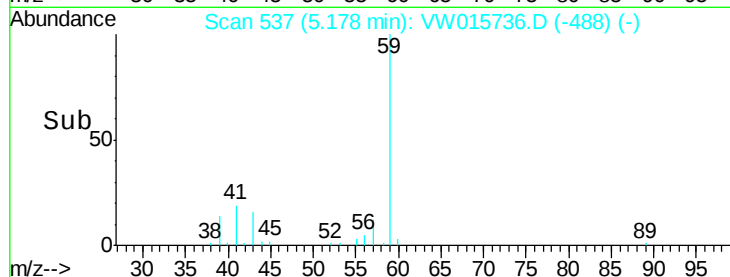
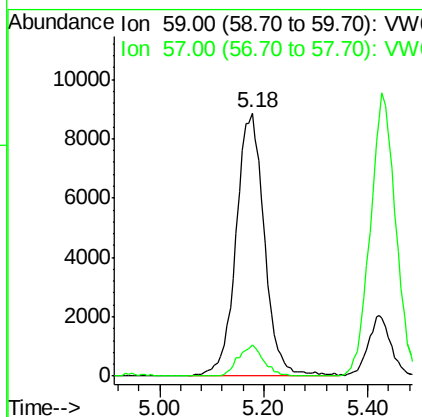
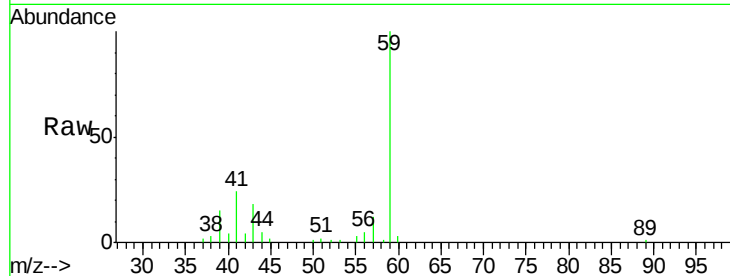
#11
Tert butyl alcohol
Concen: 290.182 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

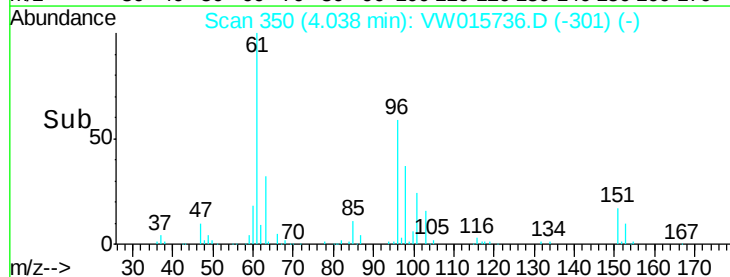
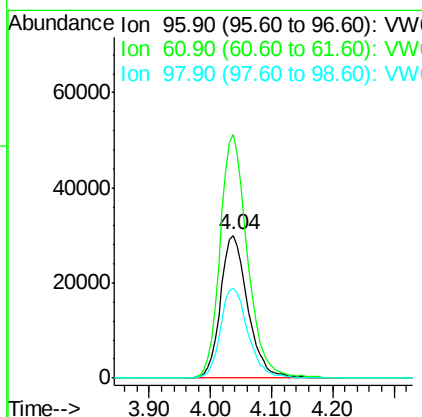
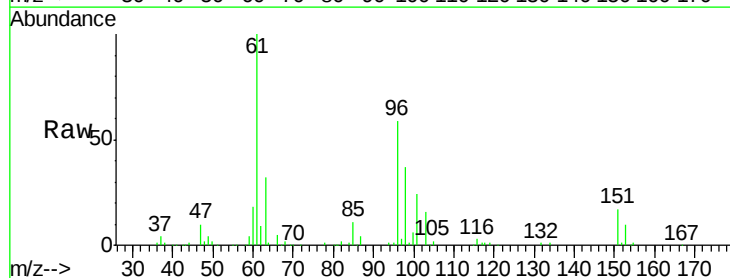
Manual Integrations
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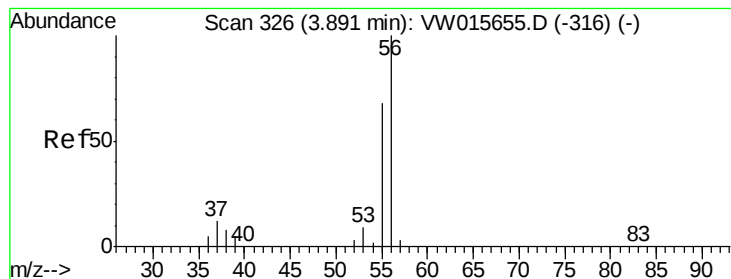
MMDadoda
6/26/2020 11:21:22 AM



#12
1,1-Dichloroethene
Concen: 49.967 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.3	136.7	205.1
98	62.6	49.2	73.8





#13

Acrolein

Concen: 209.522 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30888

Ion Ratio Lower Upper

56 100

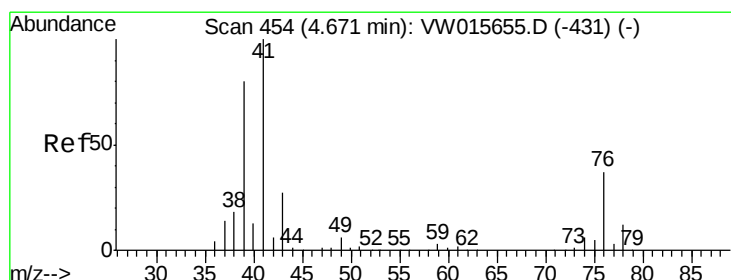
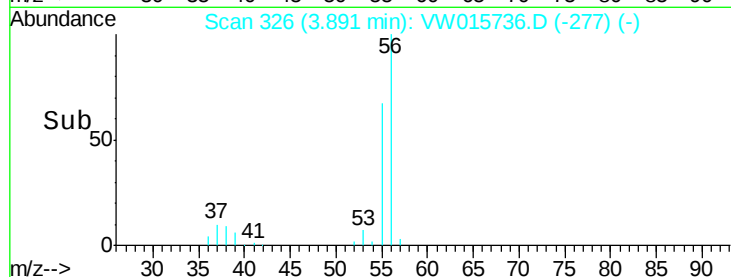
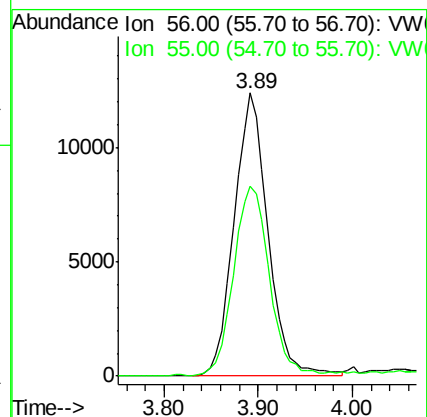
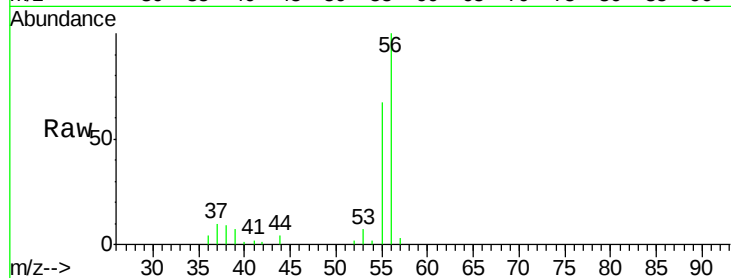
55 70.8 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 49.538 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

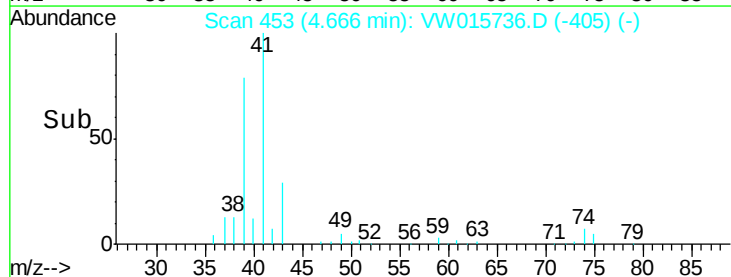
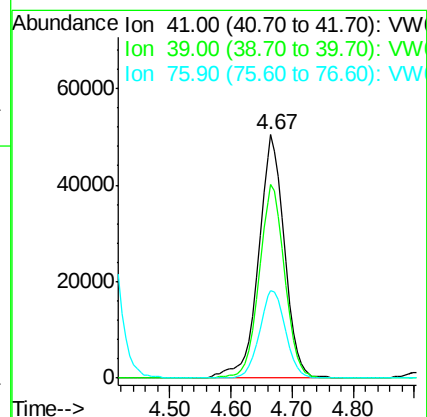
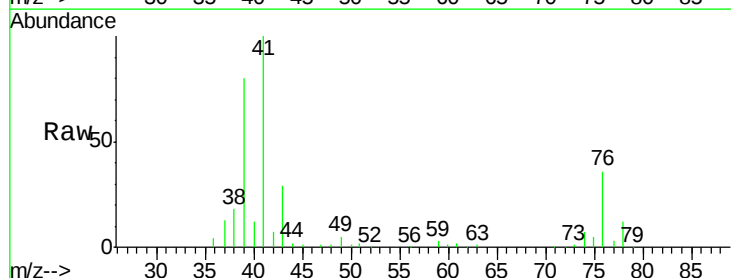
Tgt Ion: 41 Resp: 149533

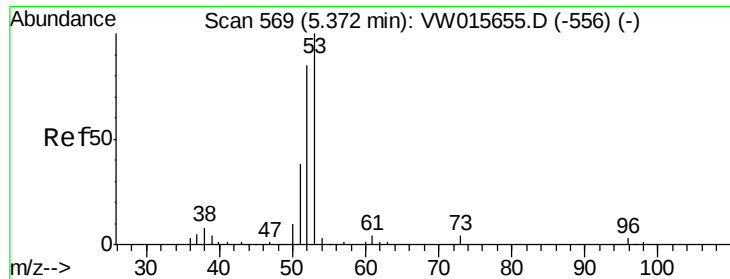
Ion Ratio Lower Upper

41 100

39 78.7 64.6 97.0

76 35.8 29.1 43.7





#15

Acrylonitrile

Concen: 264.830 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

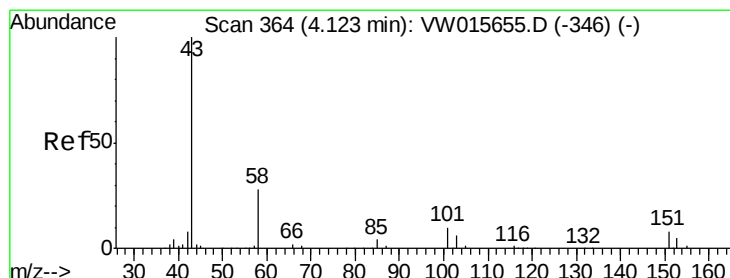
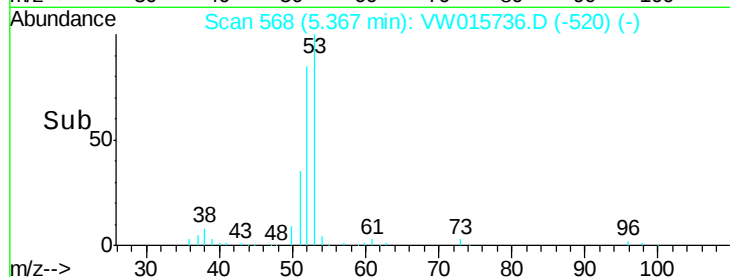
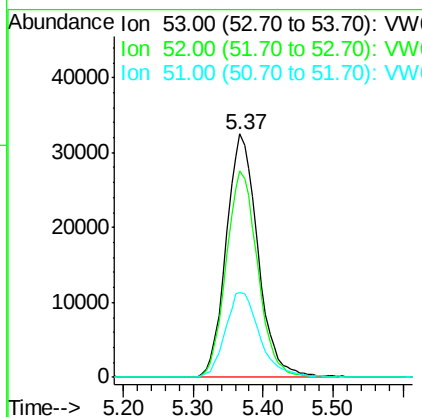
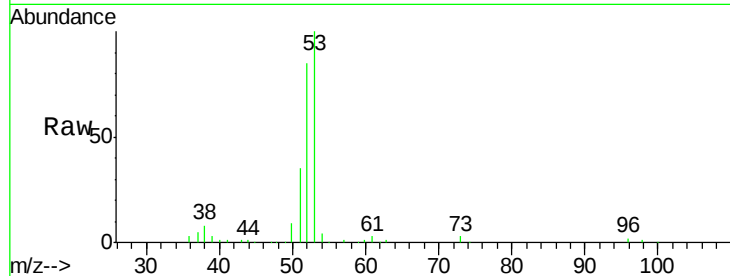
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	102294
Ion Ratio	Lower	Upper	
53	100		
52	84.6	65.8	98.6
51	37.7	30.7	46.1

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#16

Acetone

Concen: 246.936 ug/l

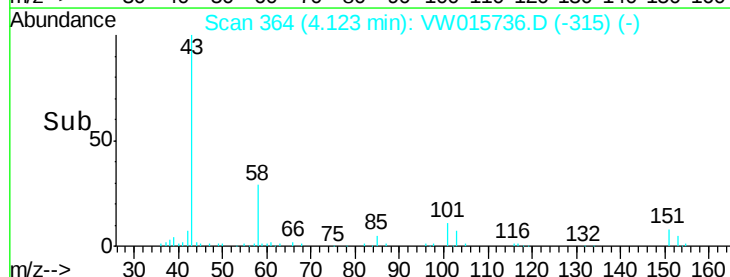
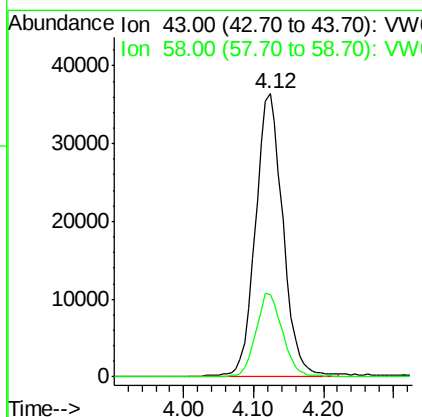
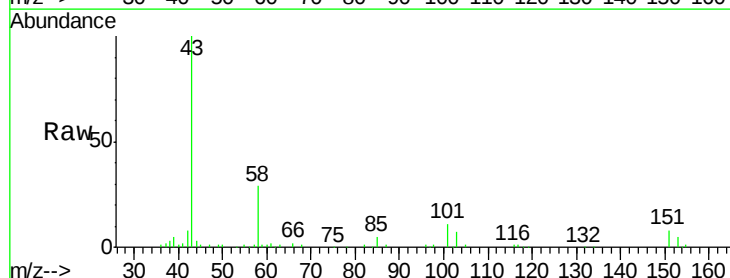
RT: 4.12 min Scan# 364

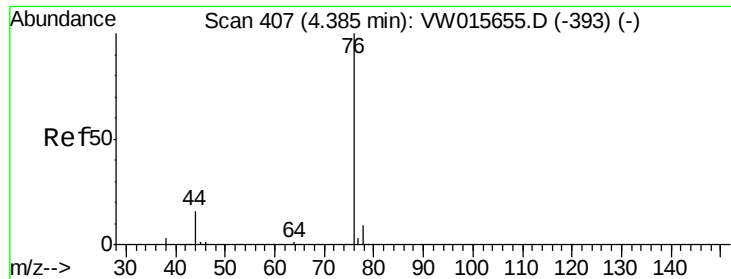
Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion:	43	Resp:	99622
Ion Ratio	Lower	Upper	
43	100		
58	29.0	22.6	33.8





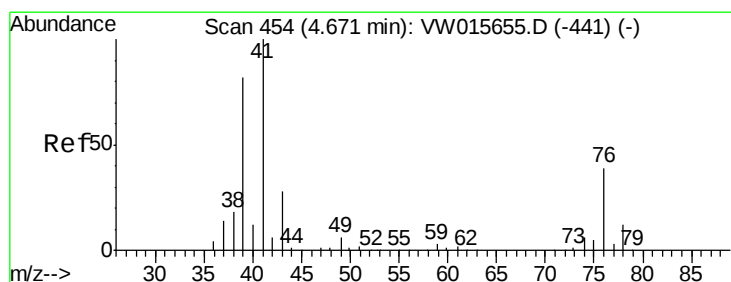
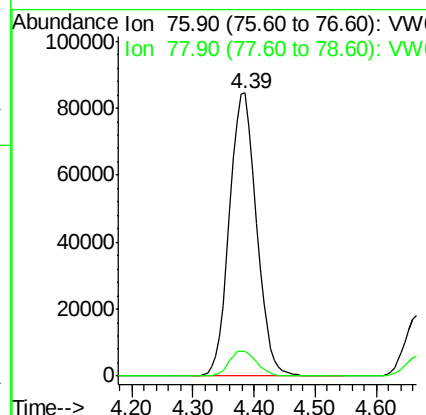
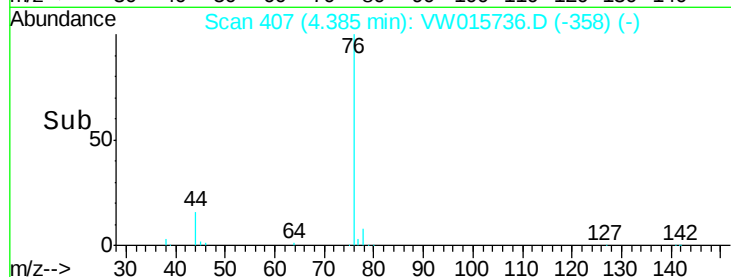
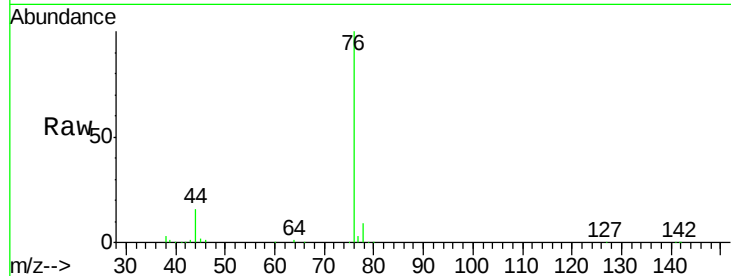
#17
Carbon Disulfide
Concen: 48.281 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 258540
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

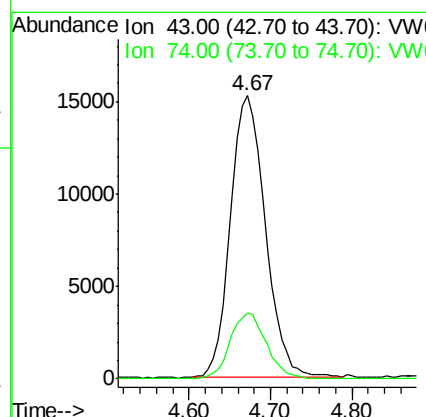
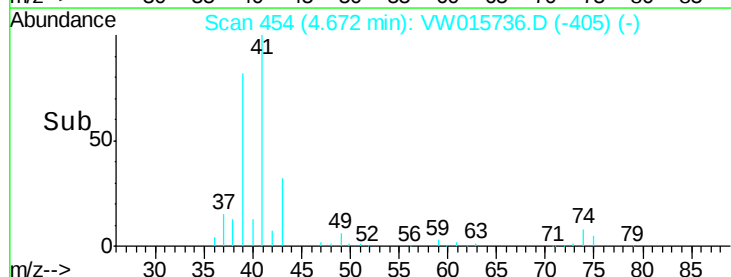
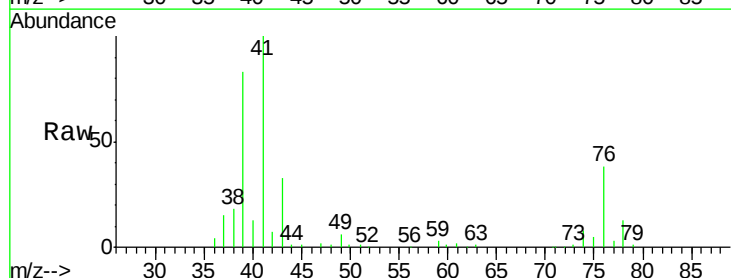
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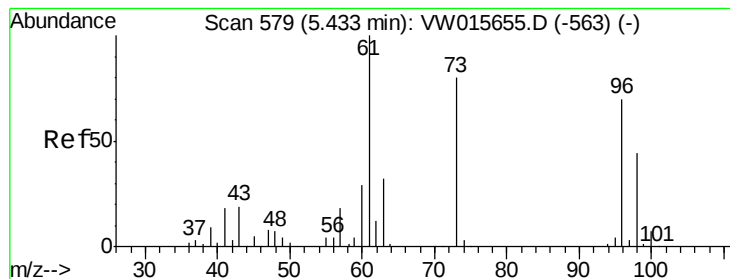
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#18
Methyl Acetate
Concen: 54.831 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 43 Resp: 45394
Ion Ratio Lower Upper
43 100
74 24.2 19.0 28.6





#19

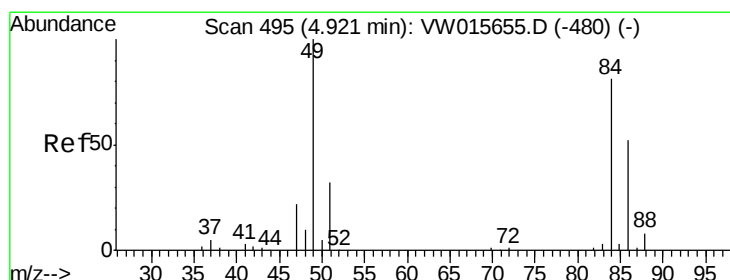
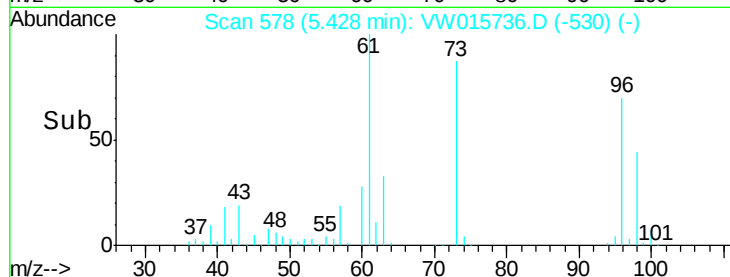
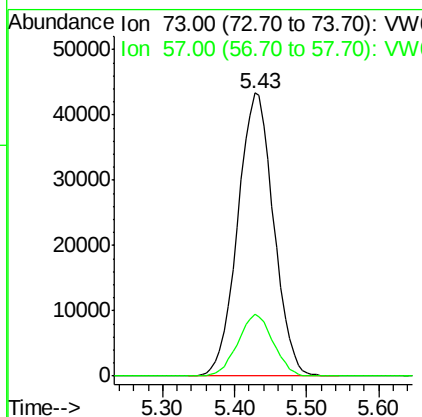
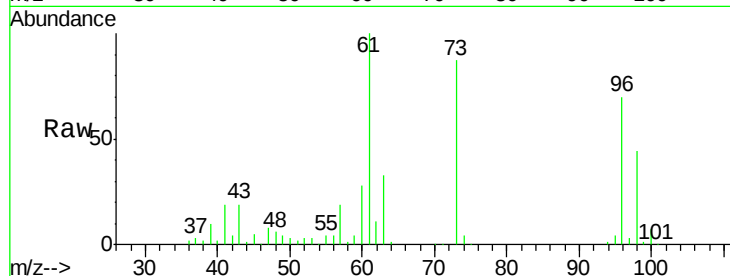
Methyl tert-butyl Ether
 Concen: 53.504 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.1	27.1

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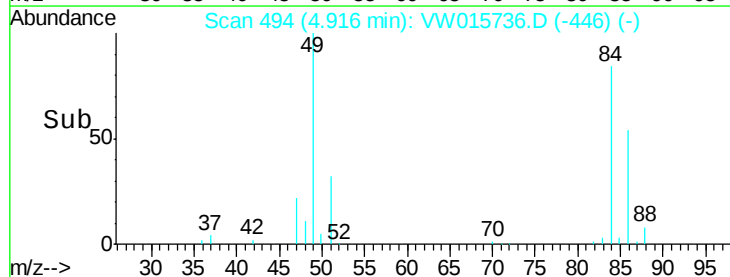
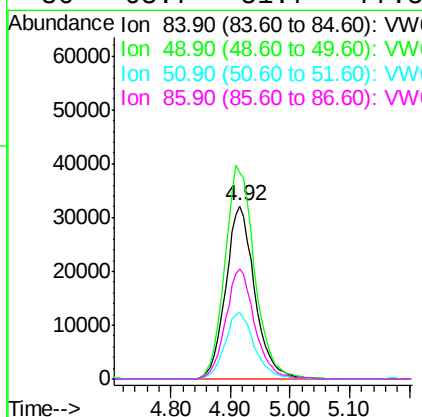
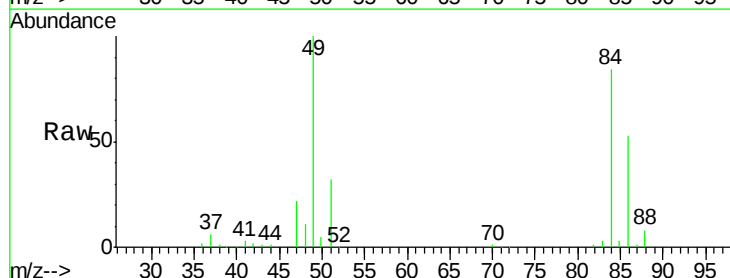
MMDadoda
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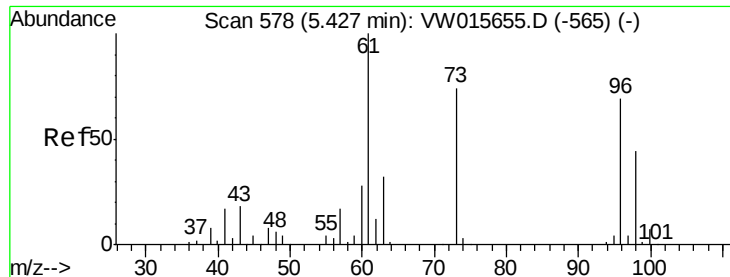


#20

Methylene Chloride
 Concen: 55.704 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	99.3	148.9
51	38.5	31.8	47.6
86	63.7	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 49.858 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

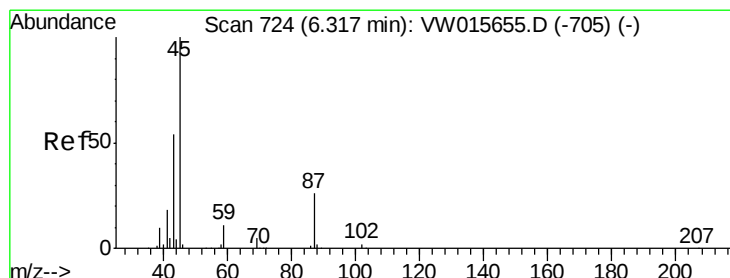
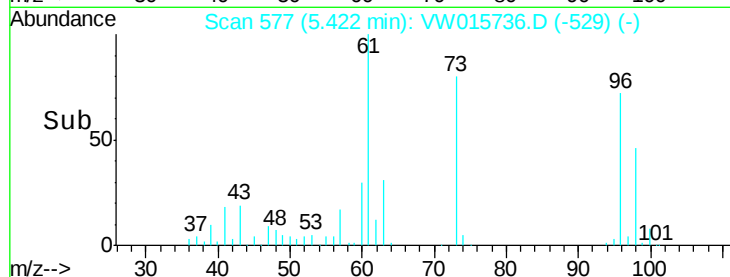
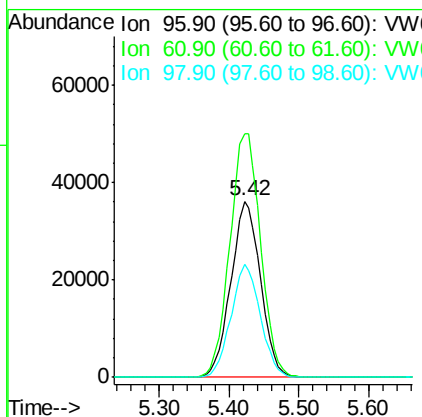
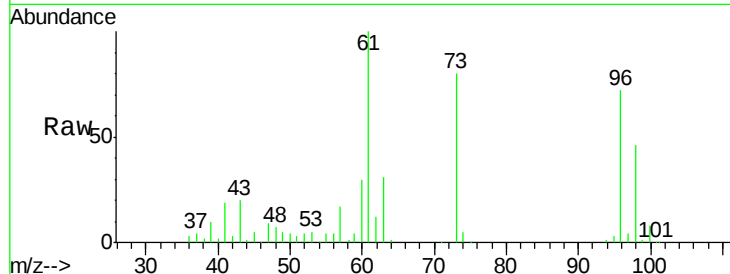
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	106354
Ion	Ratio	Lower	Upper
96	100		
61	138.5	116.2	174.2
98	64.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 50.800 ug/l

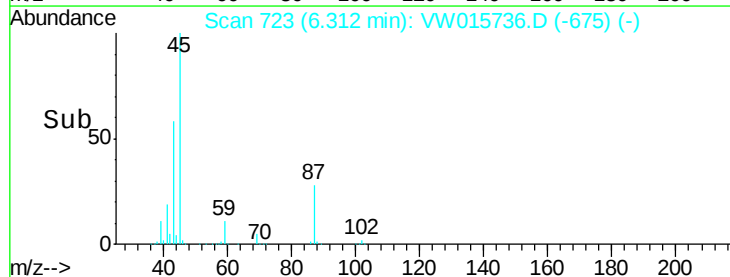
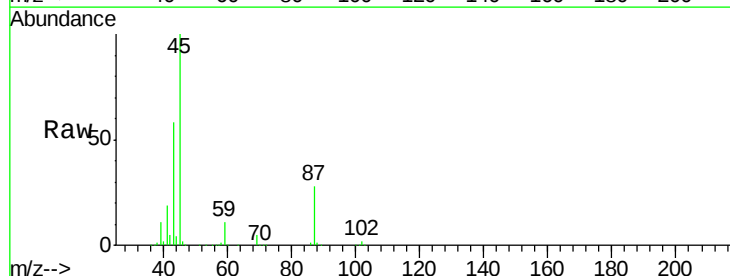
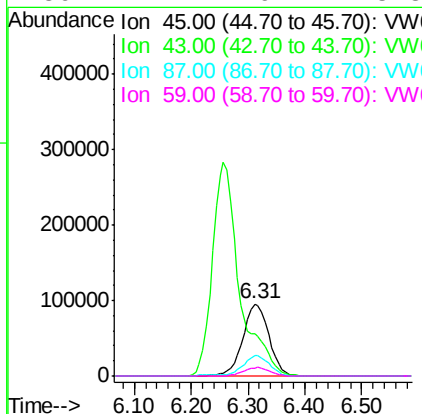
RT: 6.31 min Scan# 723

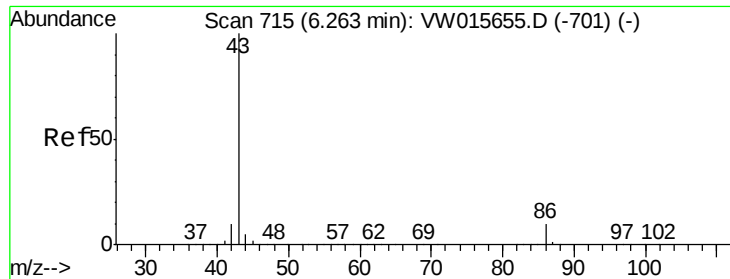
Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion:	45	Resp:	304980
Ion	Ratio	Lower	Upper
45	100		
43	58.1	43.9	65.9
87	27.7	21.2	31.8
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 267.012 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 934815

Ion Ratio Lower Upper

43 100

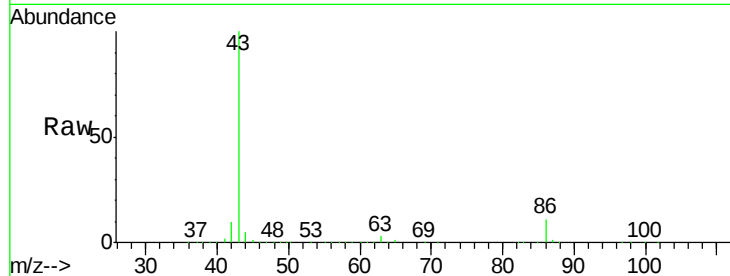
86 10.6 8.3 12.5

Manual Integrations

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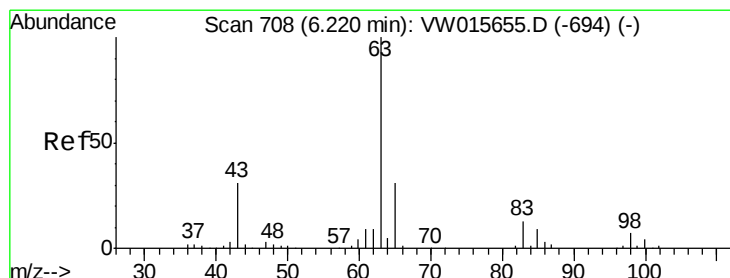
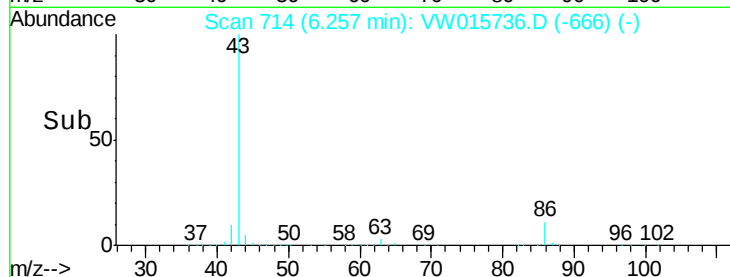
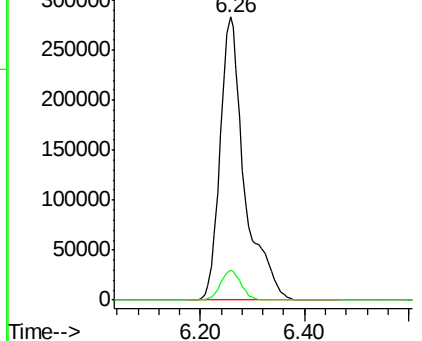
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.684 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

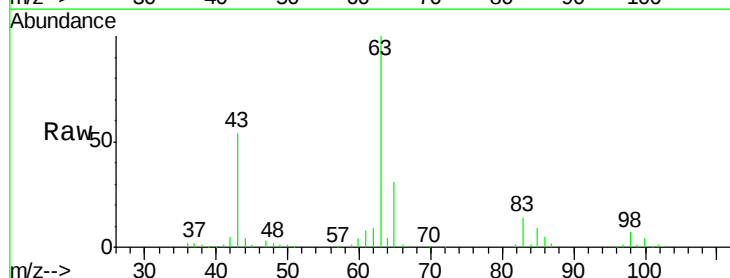
Tgt Ion: 63 Resp: 187760

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

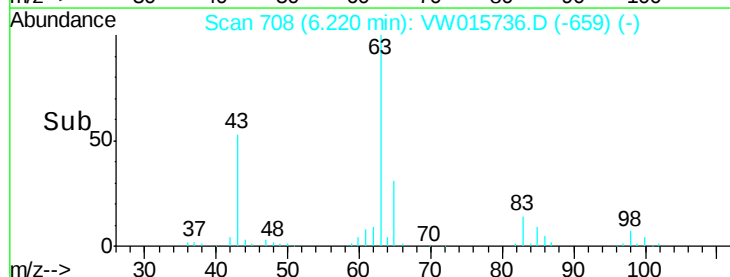
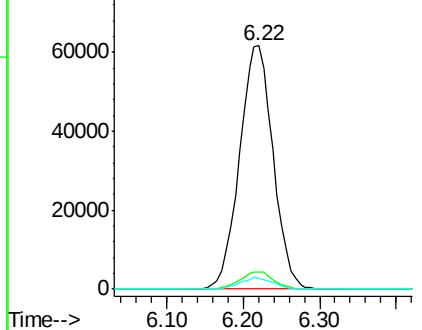
100 4.2 2.1 6.3

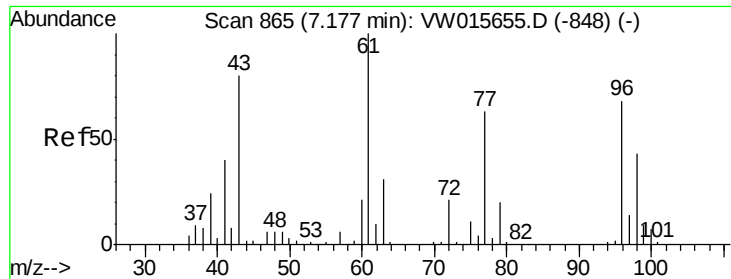


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





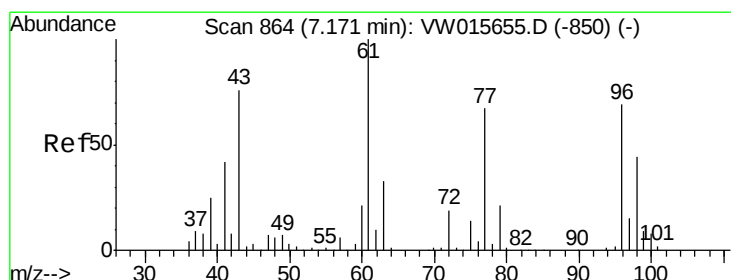
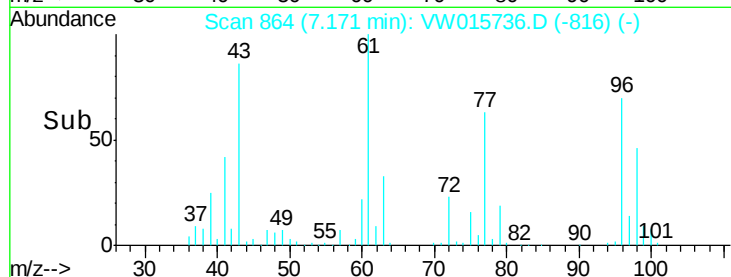
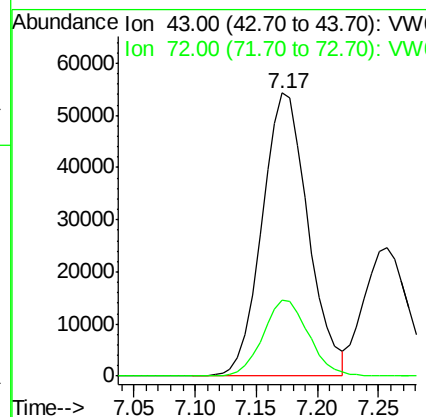
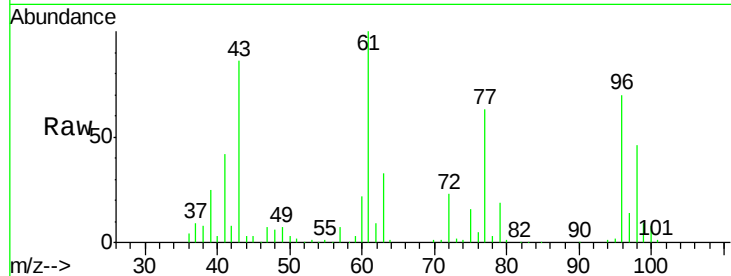
#25
2-Butanone
Concen: 260.550 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 142065
Ion Ratio Lower Upper
43 100
72 26.8 21.1 31.7

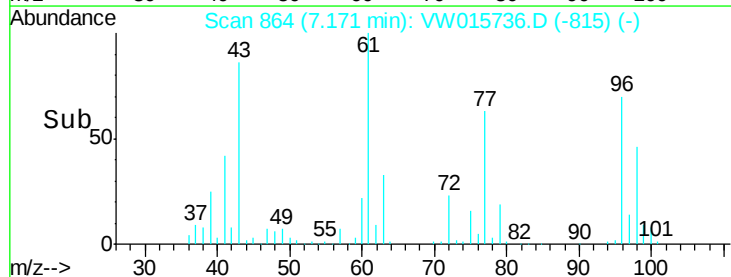
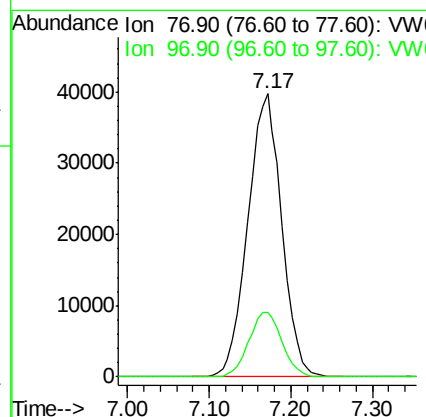
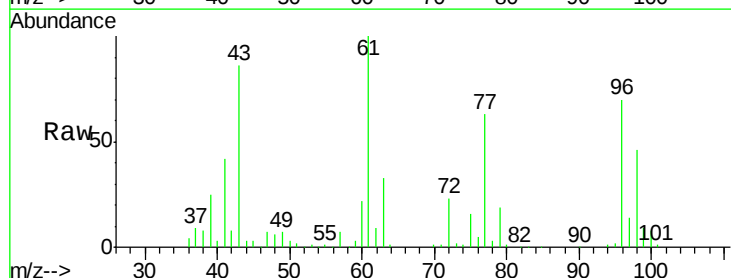
Manual Integrations
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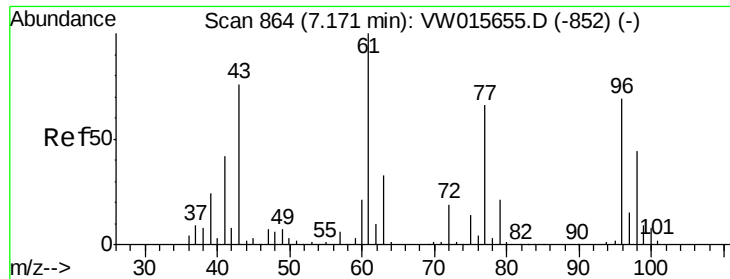
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#26
2,2-Dichloropropane
Concen: 45.126 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 77 Resp: 114381
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27

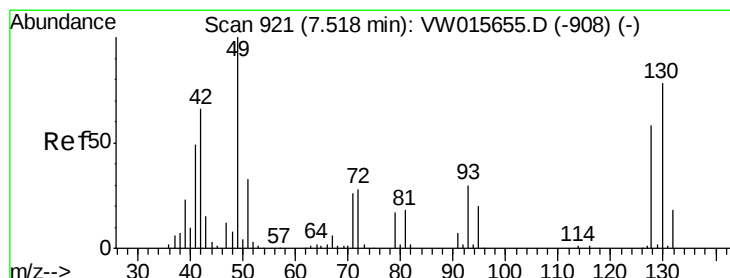
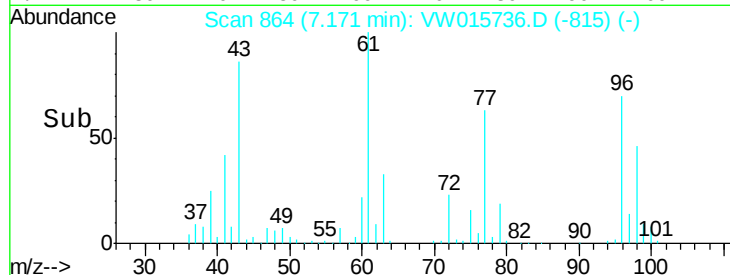
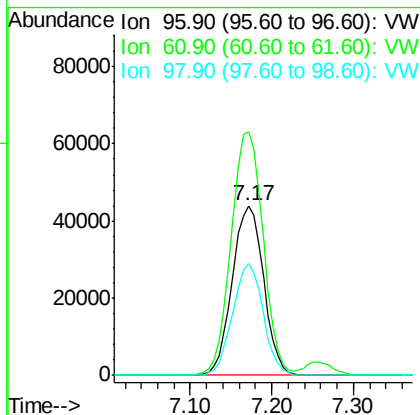
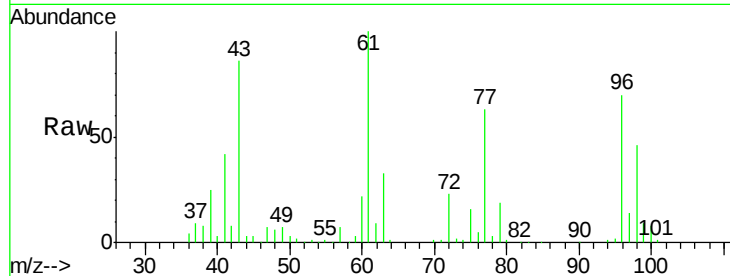
cis-1,2-Dichloroethene
Concen: 50.871 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116733		
61	146.5	0.0	296.8	
98	64.1	0.0	128.0	

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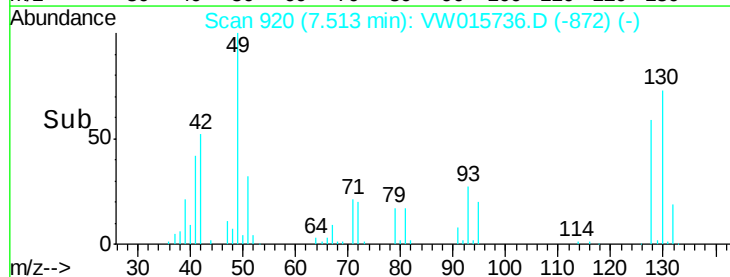
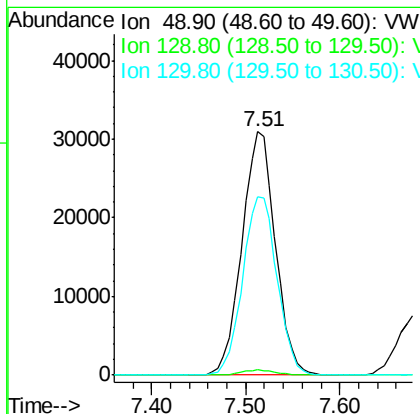
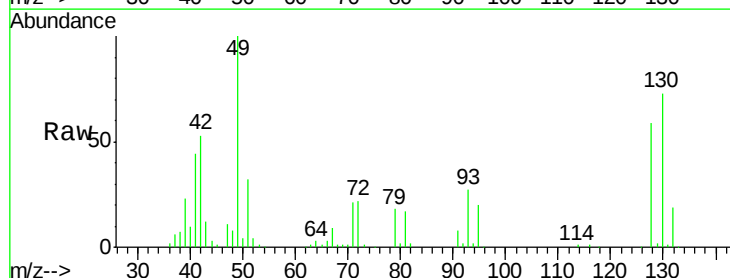
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#28

Bromochloromethane
Concen: 52.880 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	76869		
129	2.1	0.0	2.2	
130	75.6	61.0	91.4	





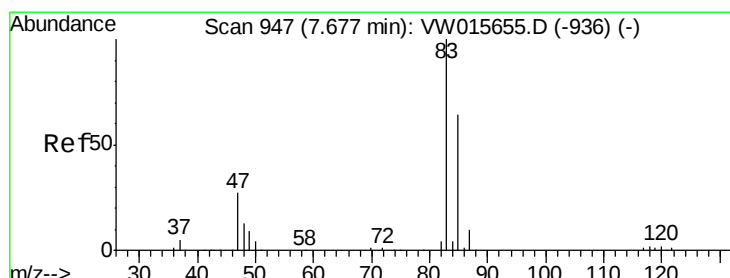
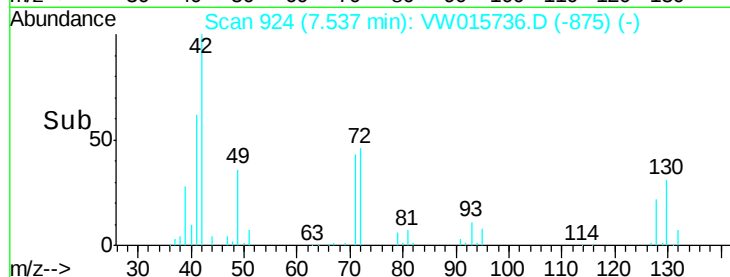
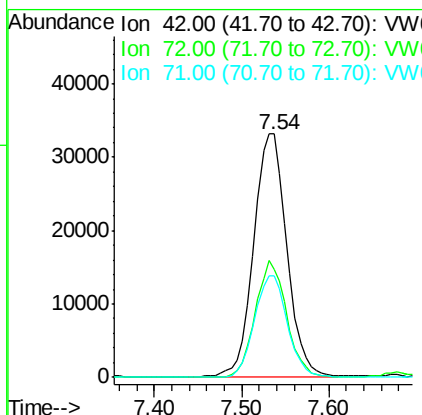
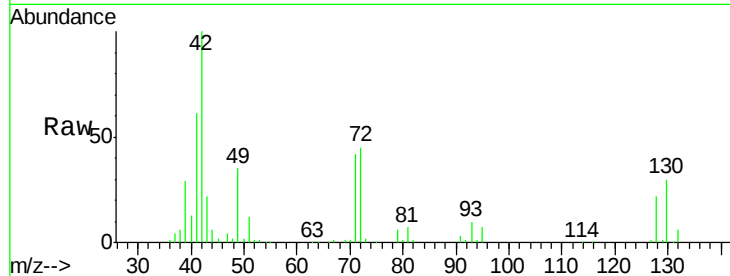
#29
Tetrahydrofuran
Concen: 275.071 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.0	52.6
71	41.4	32.6	49.0

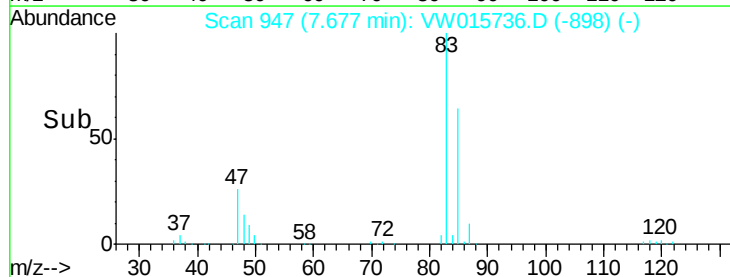
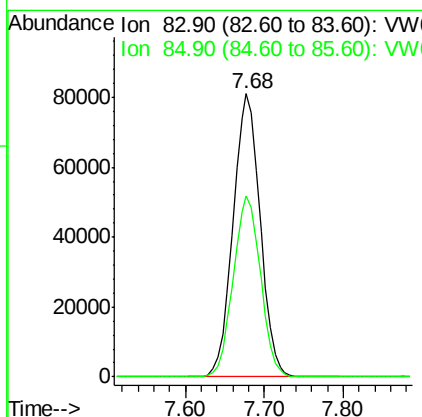
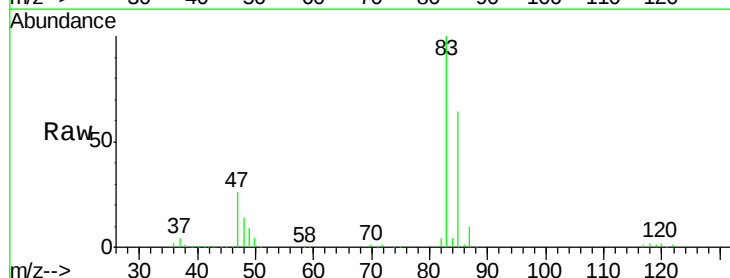
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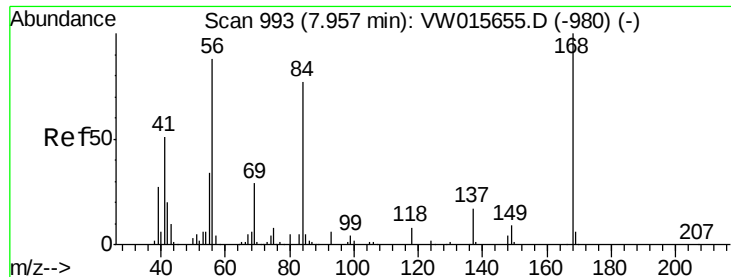
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#30
Chloroform
Concen: 49.825 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4





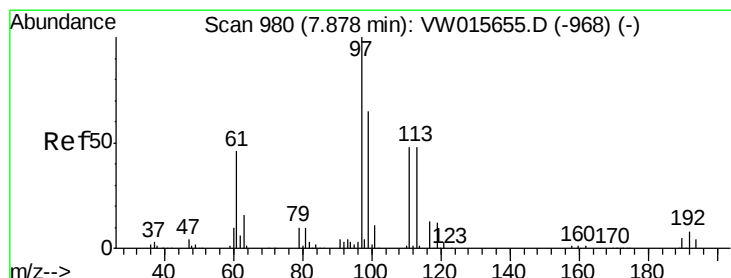
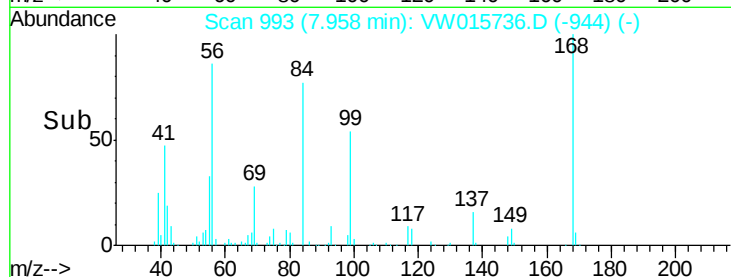
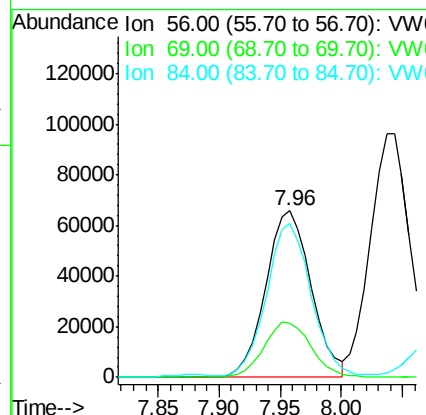
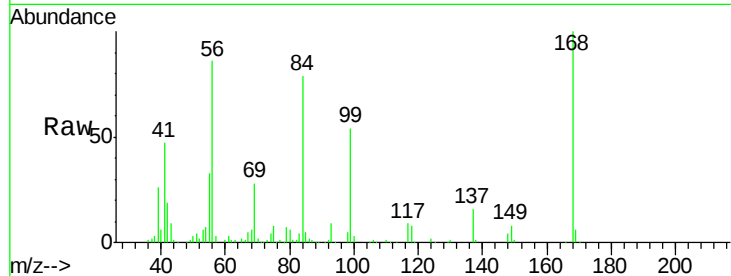
#31
Cyclohexane
Concen: 46.591 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	90.4	70.4	105.6

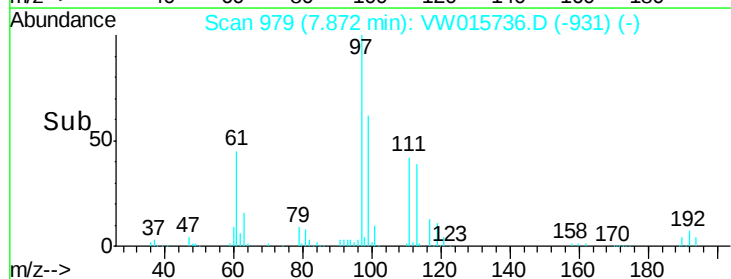
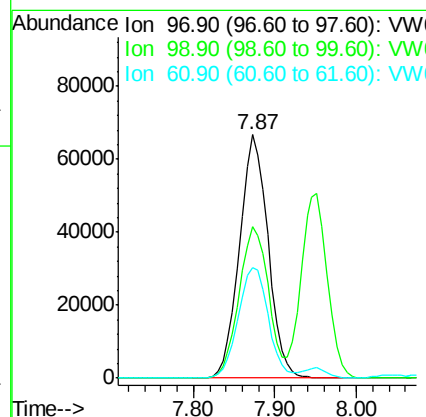
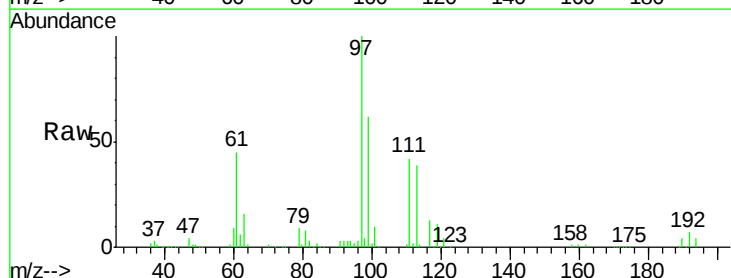
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#32
1,1,1-Trichloroethane
Concen: 48.982 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	47.5	37.3	55.9





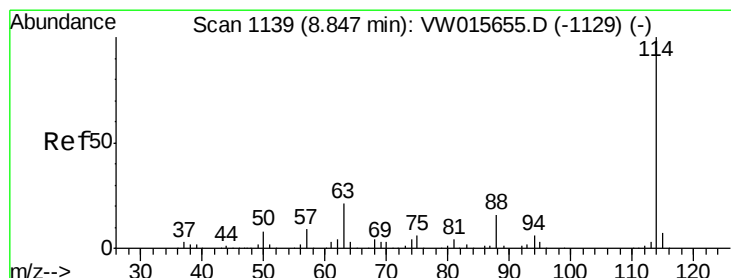
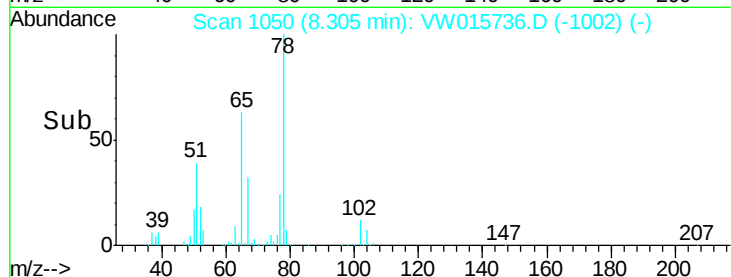
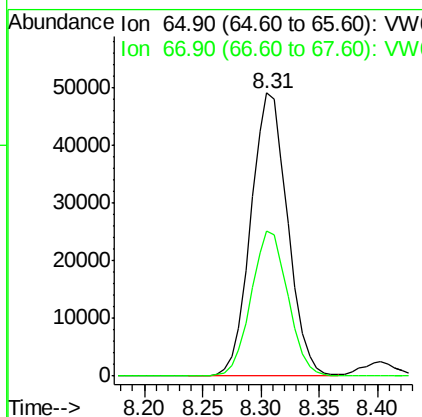
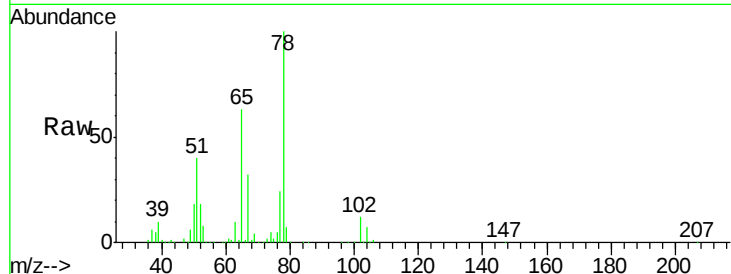
#33
 1,2-Dichloroethane-d4
 Concen: 50.965 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	108157		
67	51.2	0.0	102.2	

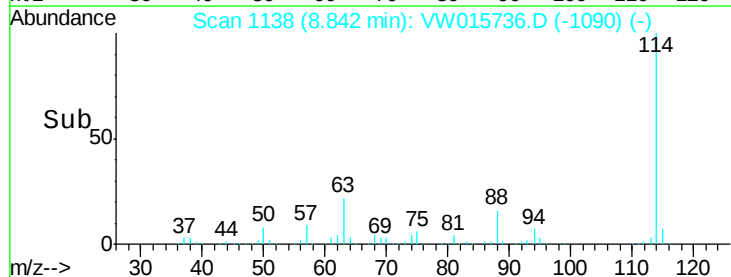
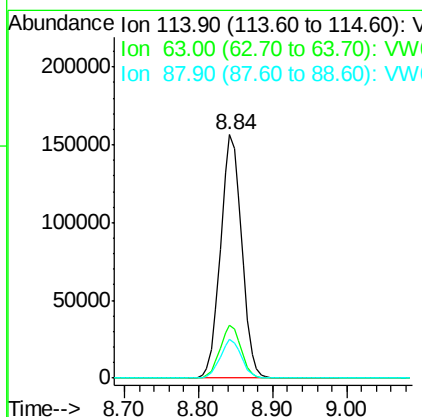
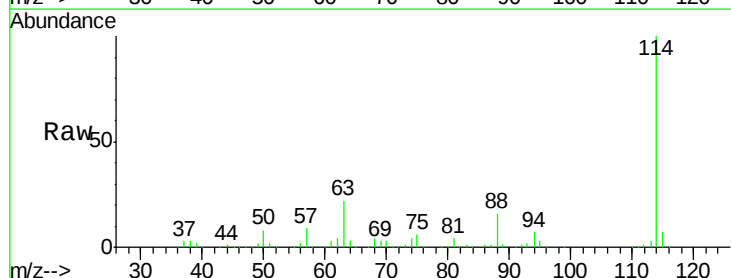
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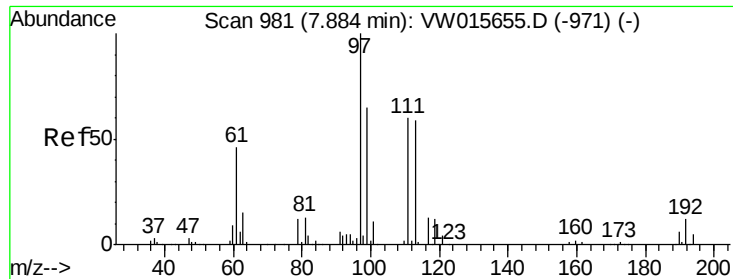
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	307785		
63	21.6	0.0	42.4	
88	16.0	0.0	32.6	





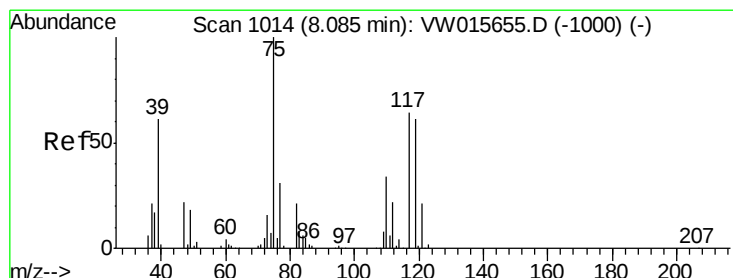
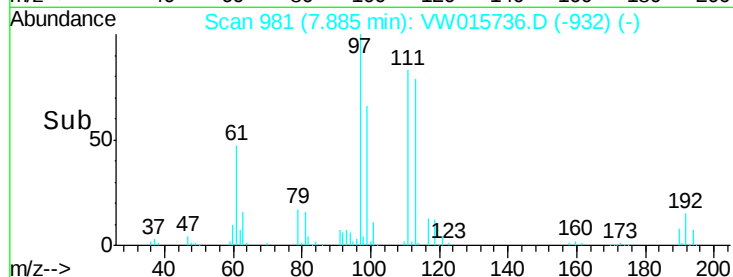
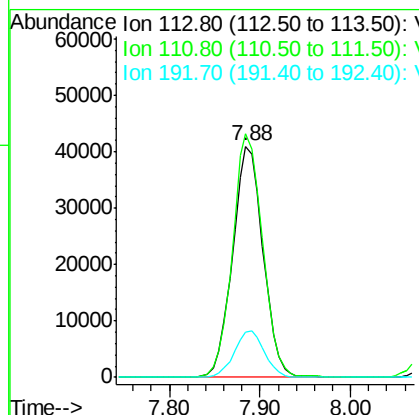
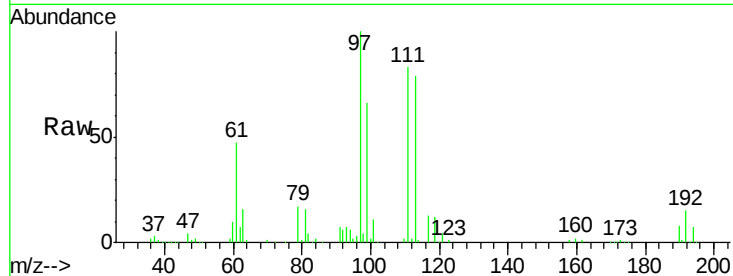
#35
Dibromofluoromethane
Concen: 49.497 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95830		
111	104.2	82.3	123.5	
192	19.8	16.4	24.6	

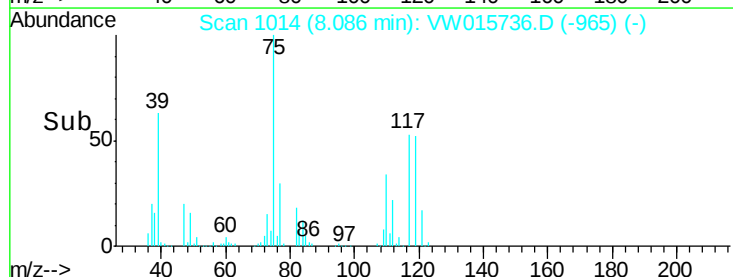
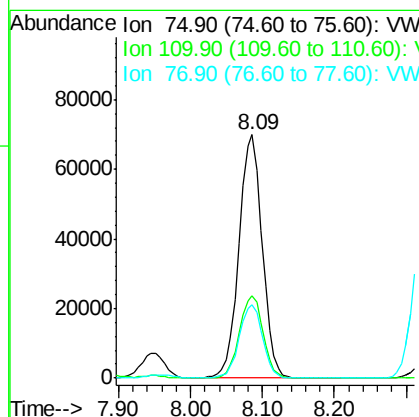
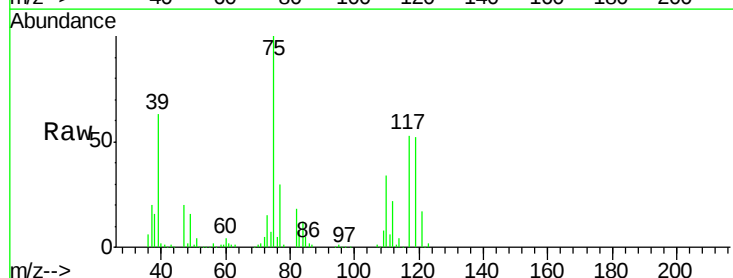
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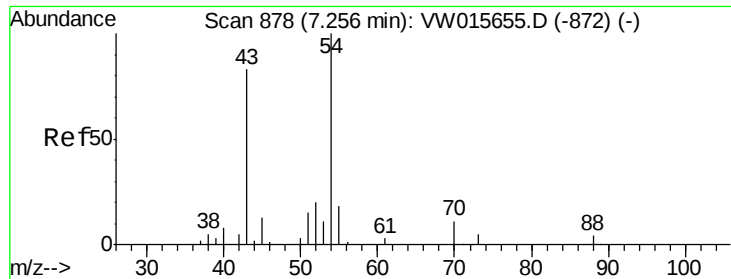
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#36
1,1-Dichloropropene
Concen: 48.770 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156127		
110	34.3	17.0	51.0	
77	30.6	24.6	36.8	





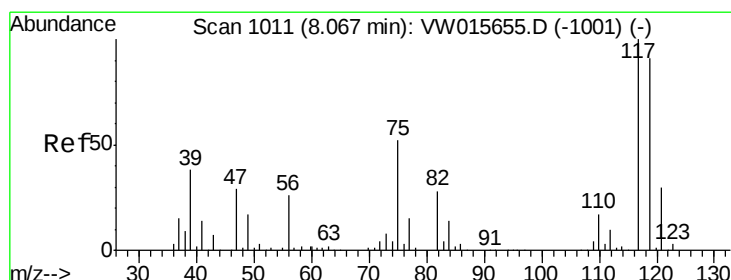
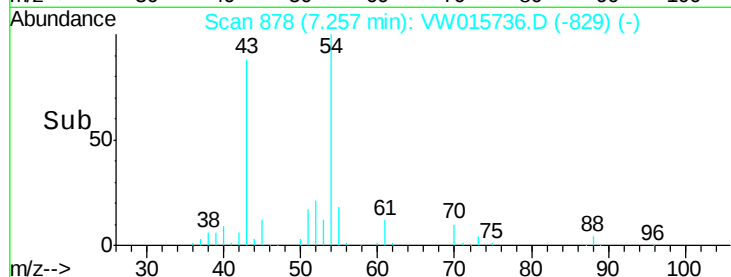
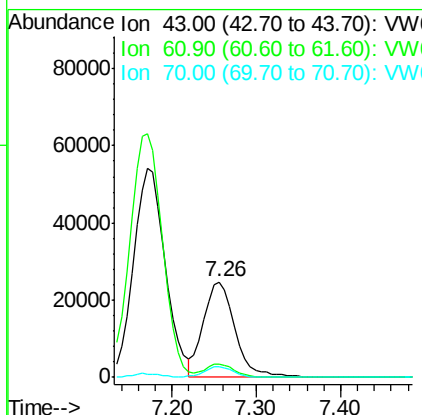
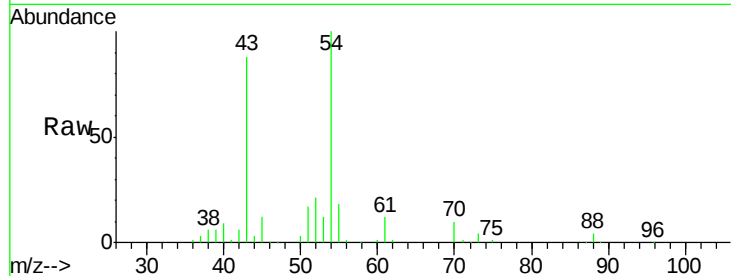
#37
Ethyl Acetate
Concen: 52.170 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	10.5	8.4	12.6

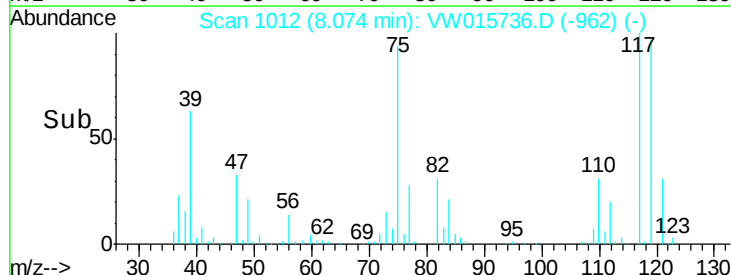
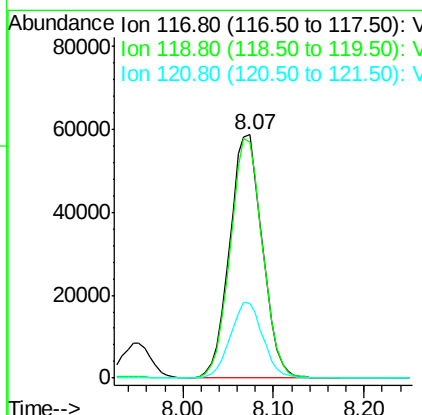
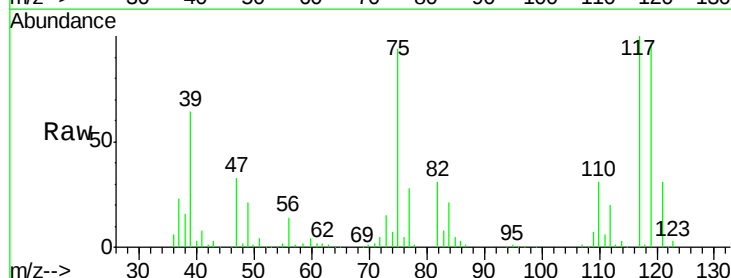
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#38
Carbon Tetrachloride
Concen: 47.389 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.2	109.8
121	30.9	23.9	35.9





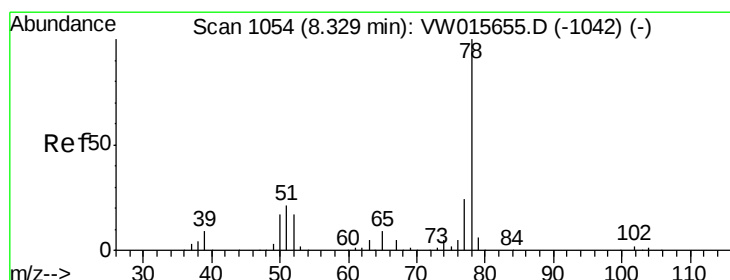
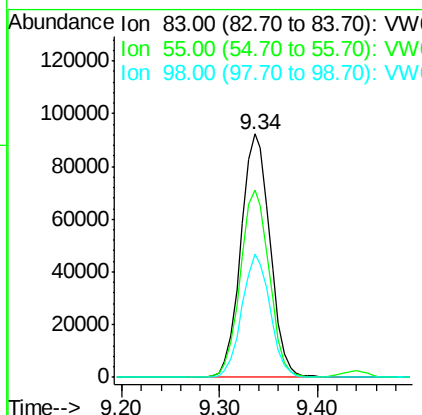
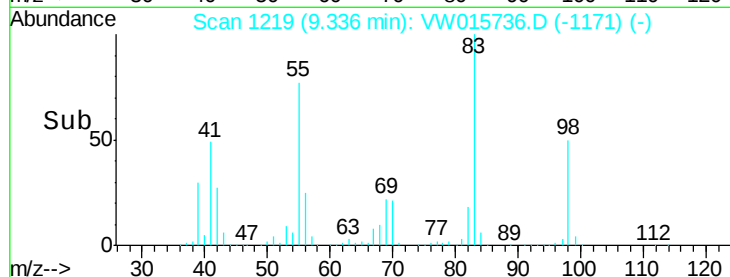
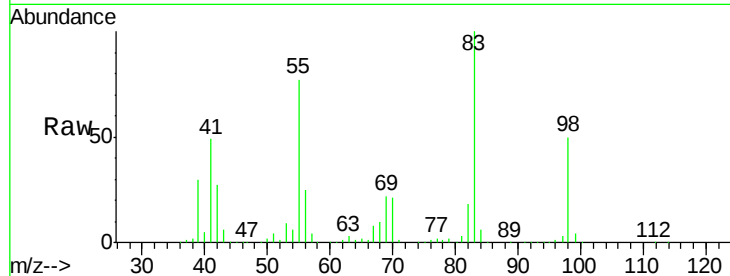
#39
Methvlcvclohexane
Concen: 49.121 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	62.8	94.2
98	50.4	39.9	59.9

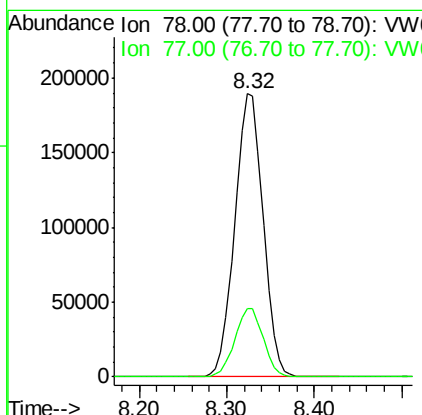
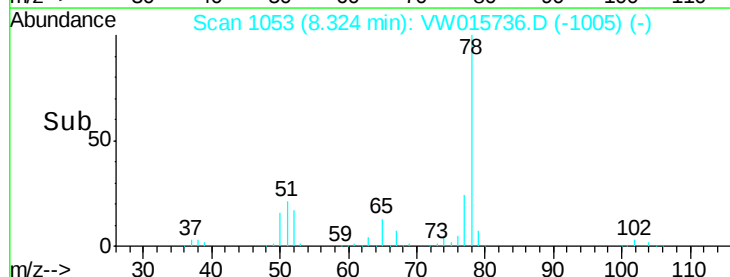
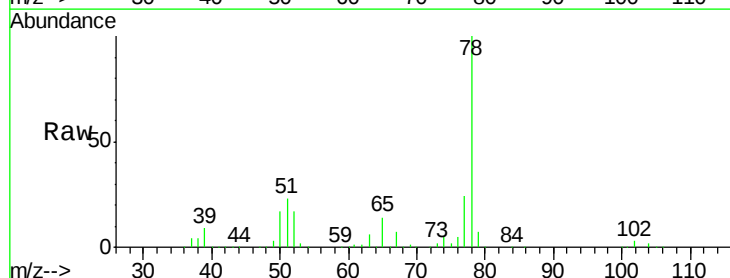
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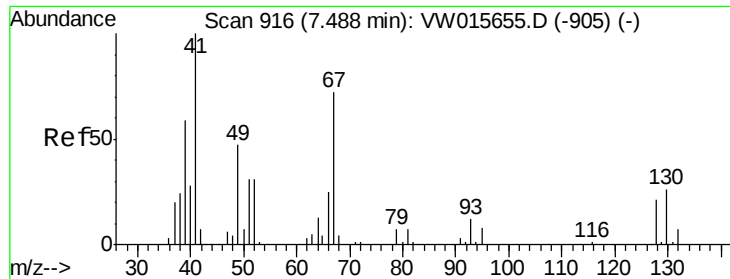
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#40
Benzene
Concen: 48.989 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





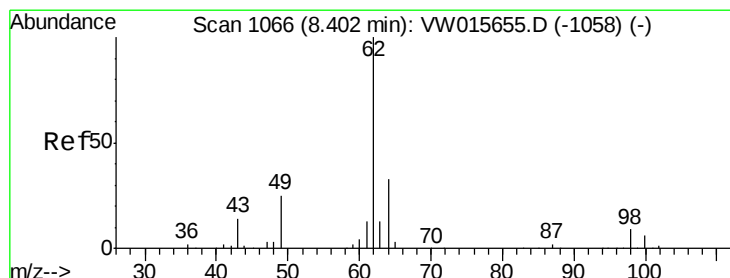
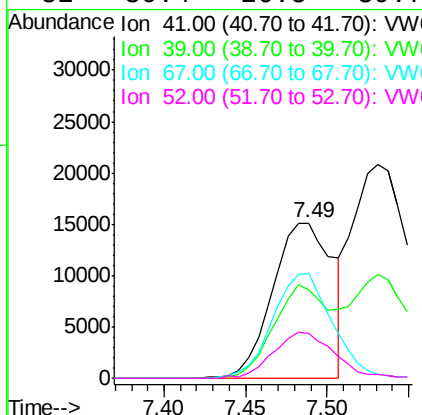
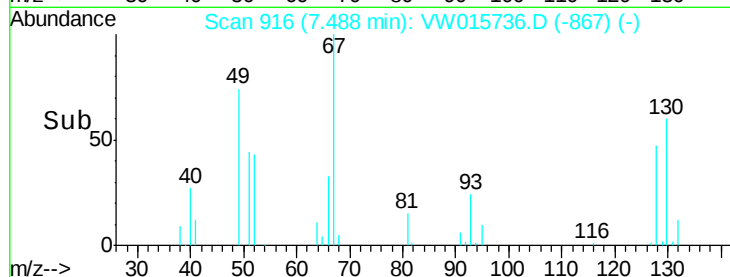
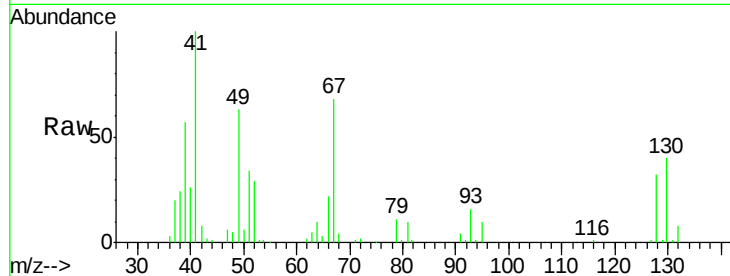
#41
Methacrylonitrile
Concen: 55.225 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.8	52.0	78.0#	
67	66.8	57.5	86.3	
52	30.4	26.5	39.7	

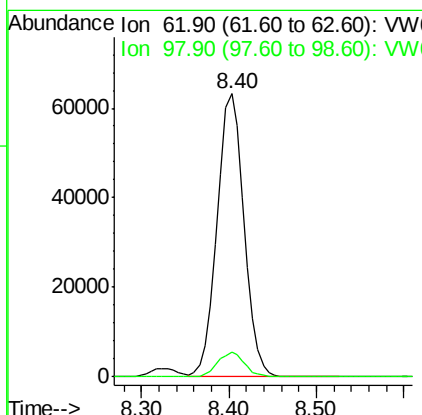
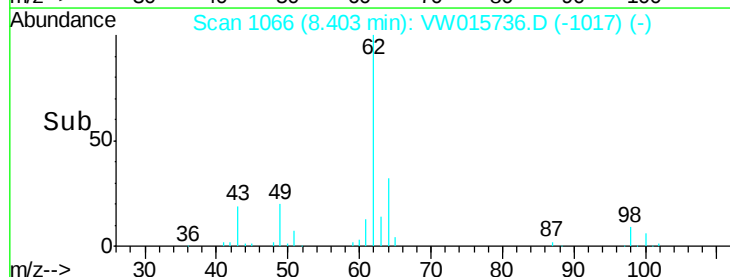
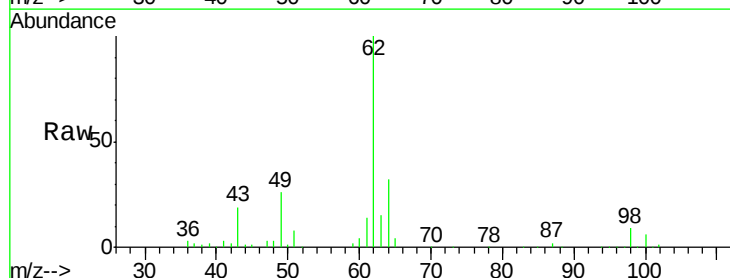
Manual Integrations
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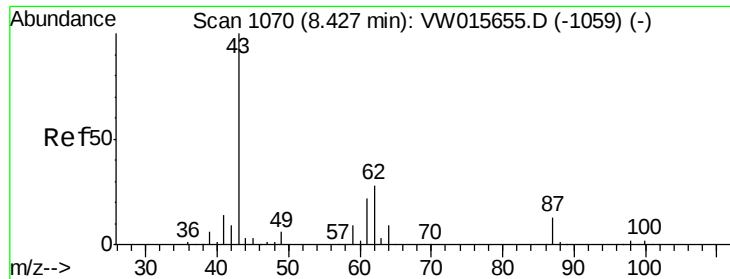
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#42
1,2-Dichloroethane
Concen: 50.097 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.4	





#43

Isopropyl Acetate

Concen: 52.127 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

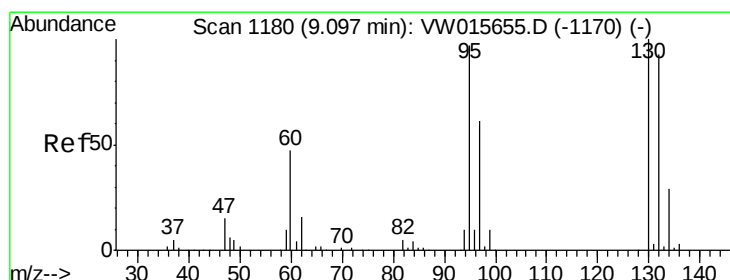
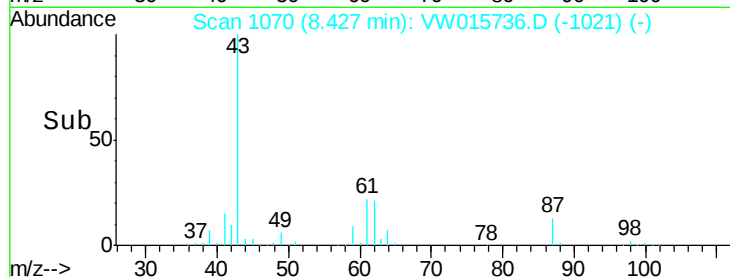
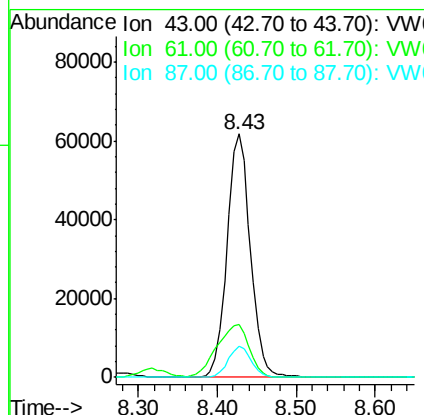
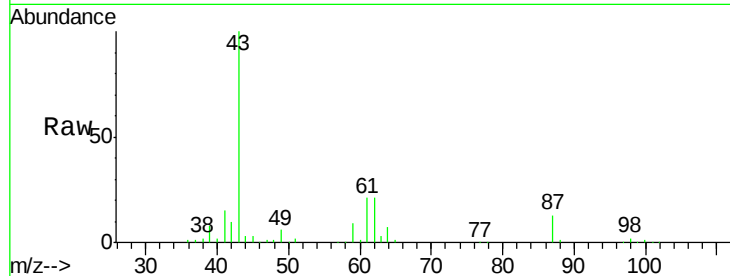
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	127150
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.7	37.1
87	12.8	10.2	15.2

Manual Integrations
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#44

Trichloroethene

Concen: 48.393 ug/l

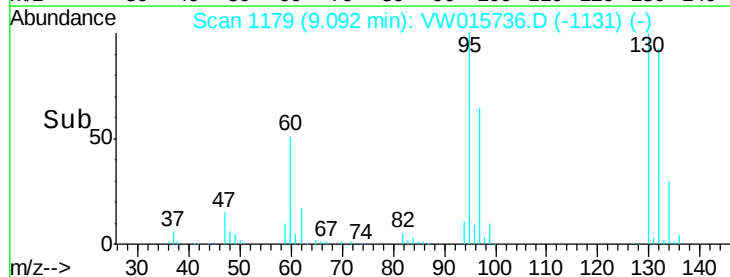
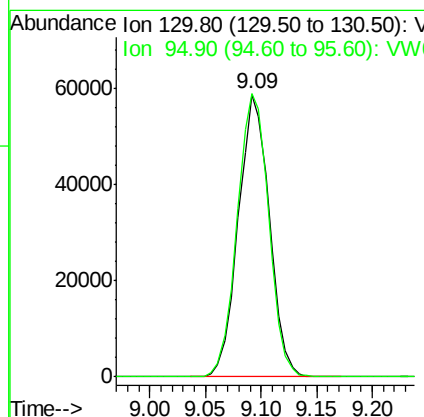
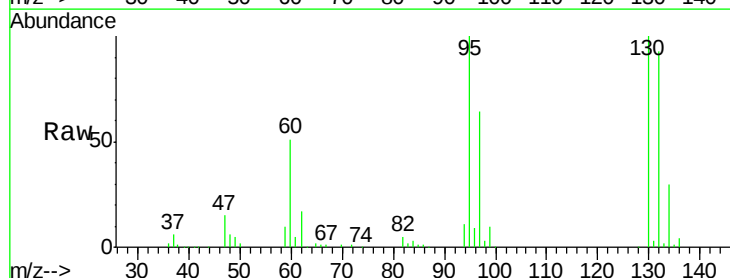
RT: 9.09 min Scan# 1179

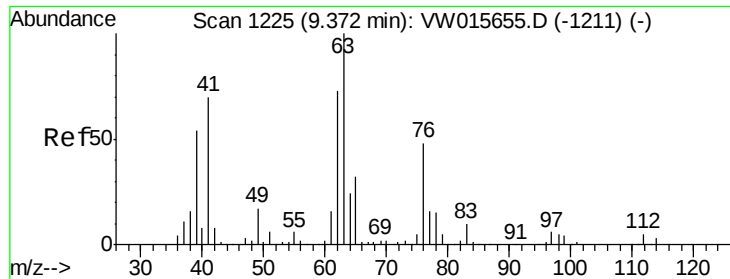
Delta R.T. -0.01 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion:	130	Resp:	113540
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	194.4





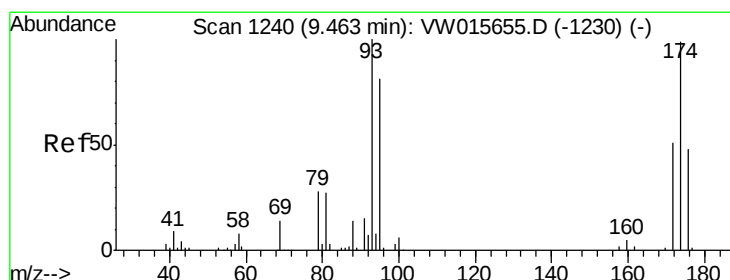
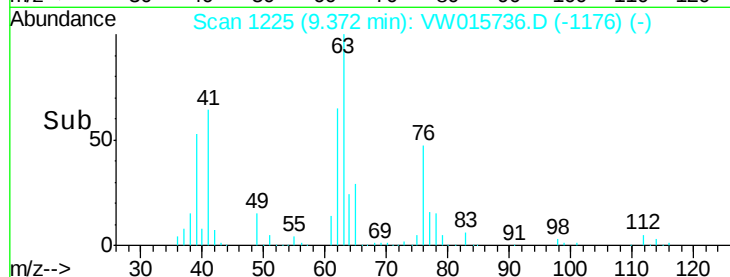
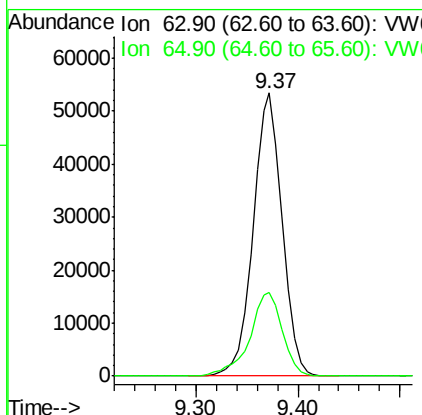
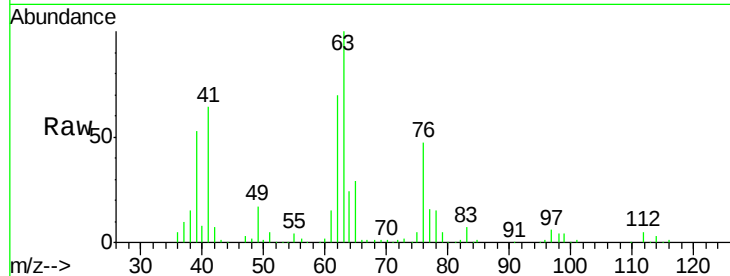
#45
 1,2-Dichloropropane
 Concen: 49.620 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 105573
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.3 37.9

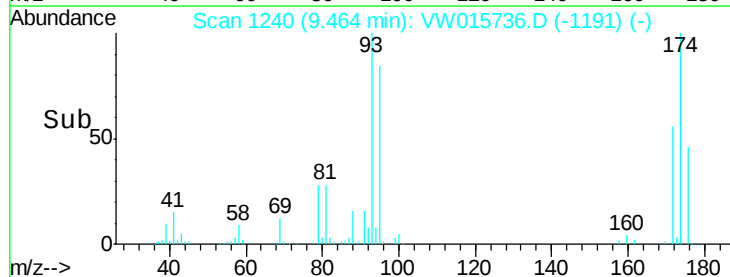
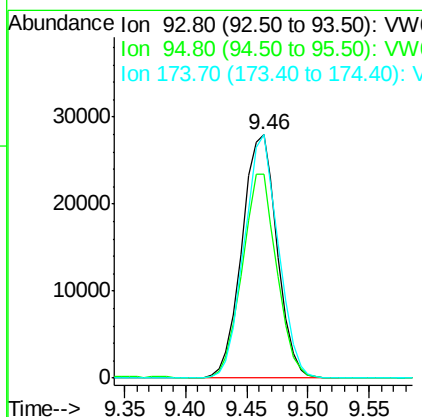
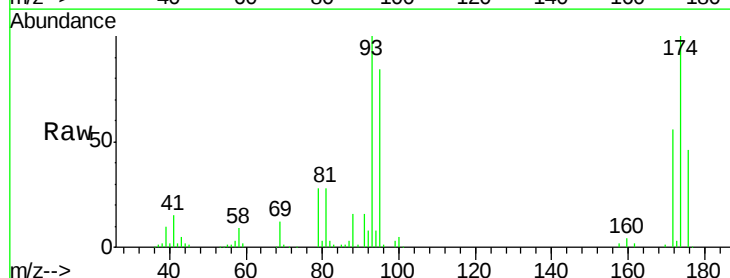
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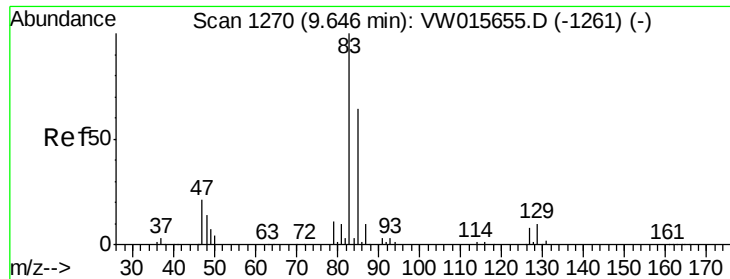
MMDadoda
 6/26/2020 11:21:22 AM



#46
 Dibromomethane
 Concen: 50.598 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 93 Resp: 55700
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 97.3 79.0 118.6





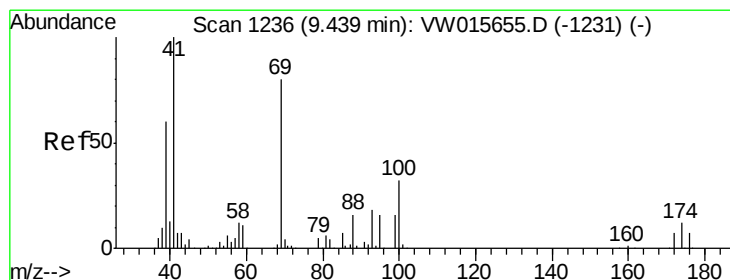
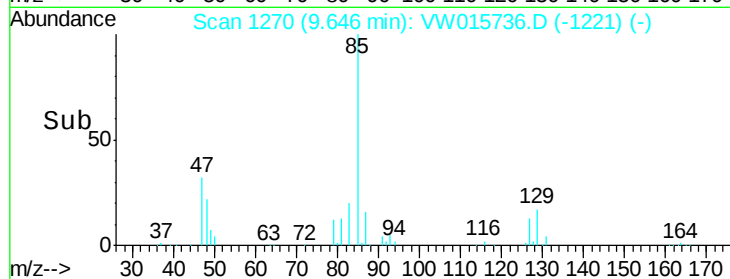
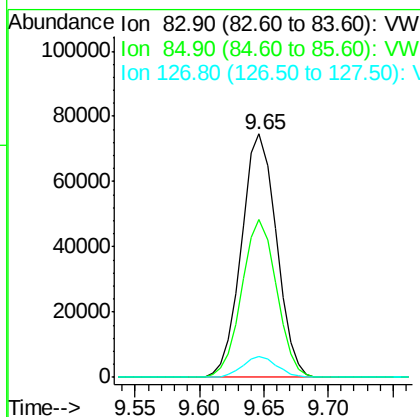
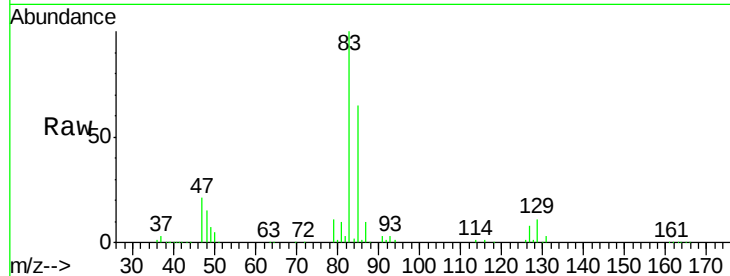
#47
 Bromodichloromethane
 Concen: 48.943 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	140538		
85	64.8	50.8	76.2	
127	8.4	6.3	9.5	

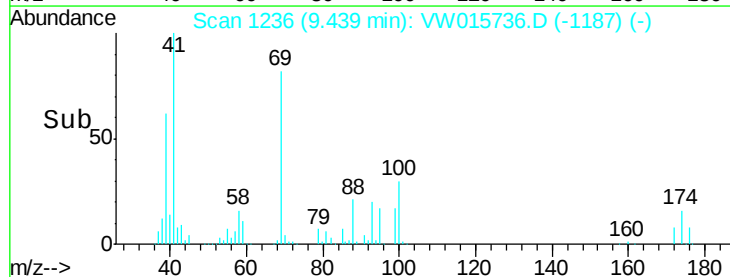
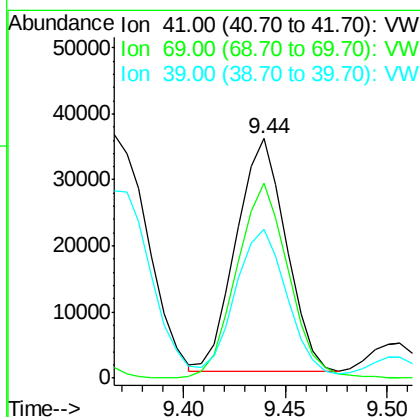
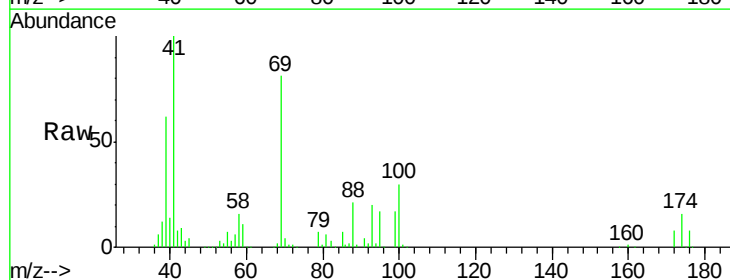
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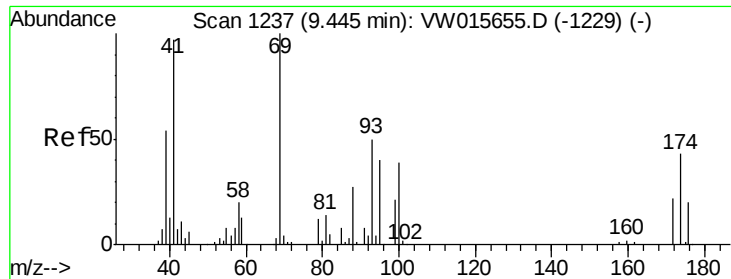
MMDadoda
 6/26/2020 11:21:22 AM



#48
 Methyl methacrylate
 Concen: 54.082 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	60311		
69	86.8	68.2	102.2	
39	62.6	49.8	74.6	





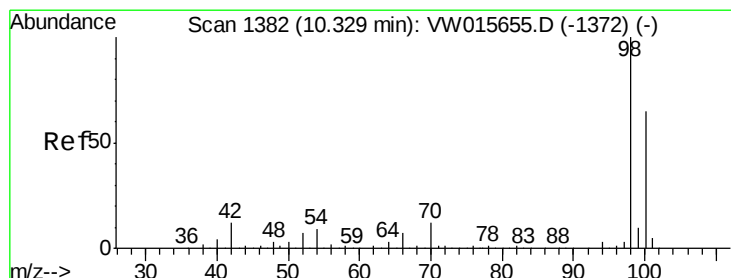
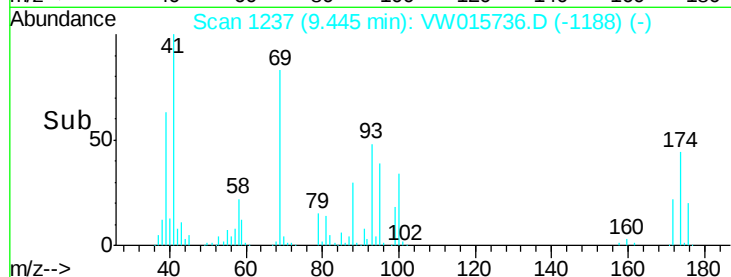
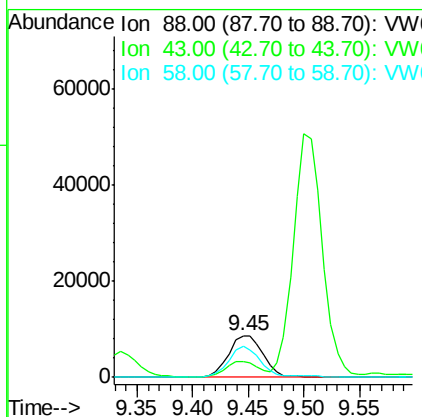
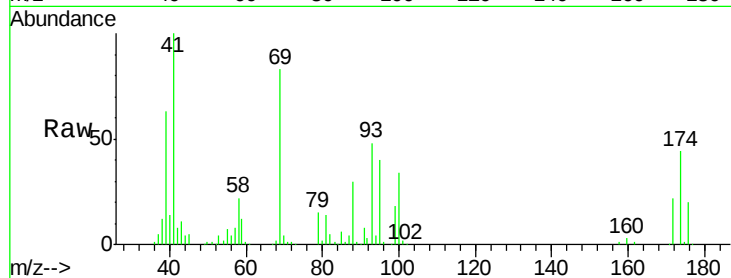
#49
 1,4-Dioxane
 Concen: 1288.057 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	18601		
43	36.0		30.1	45.1
58	68.5		56.1	84.1

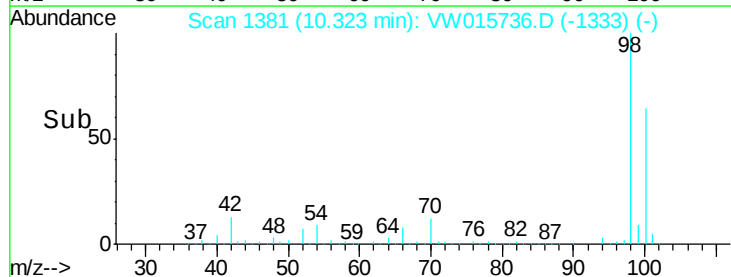
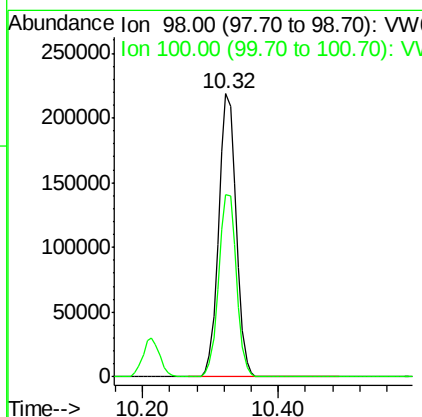
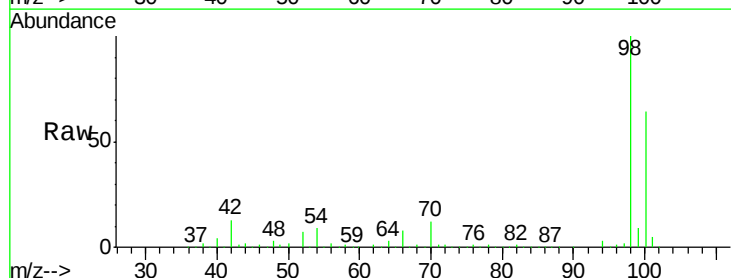
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#50
 Toluene-d8
 Concen: 50.863 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	387533		
100	65.8		52.8	79.2





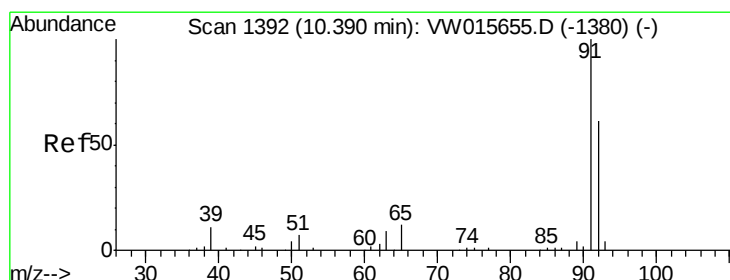
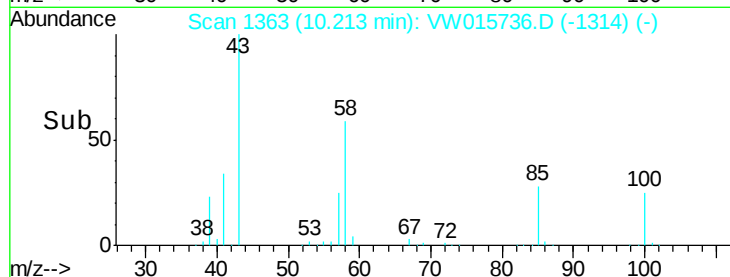
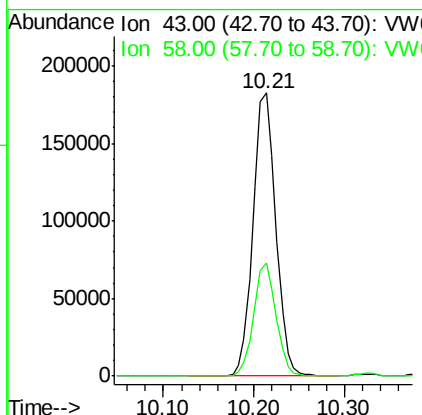
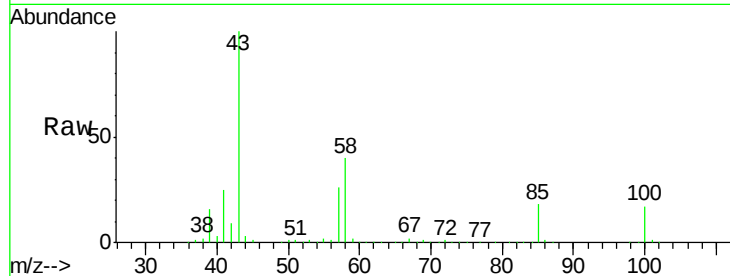
#51
4-Methyl-2-Pentanone
Concen: 271.323 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 319163
Ion Ratio Lower Upper
43 100
58 39.0 31.2 46.8

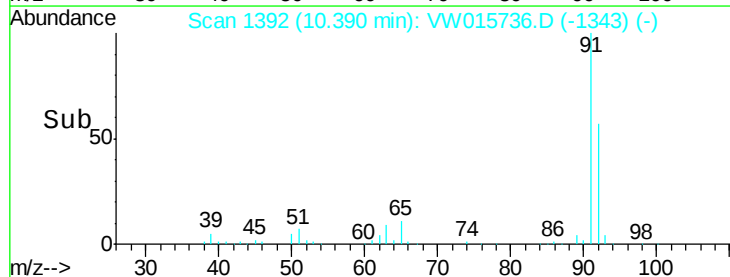
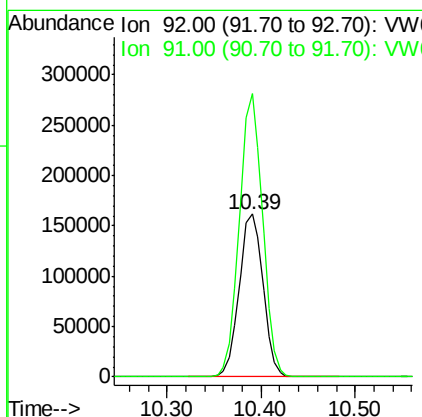
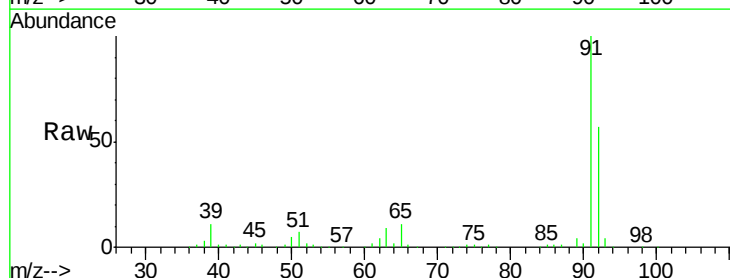
Manual Integrations
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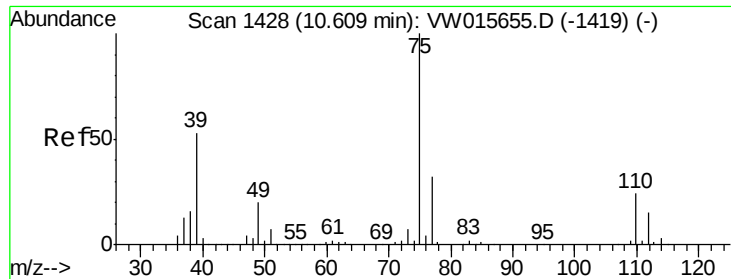
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#52
Toluene
Concen: 50.730 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 92 Resp: 285134
Ion Ratio Lower Upper
92 100
91 170.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 50.405 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 139825

Ion Ratio Lower Upper

75 100

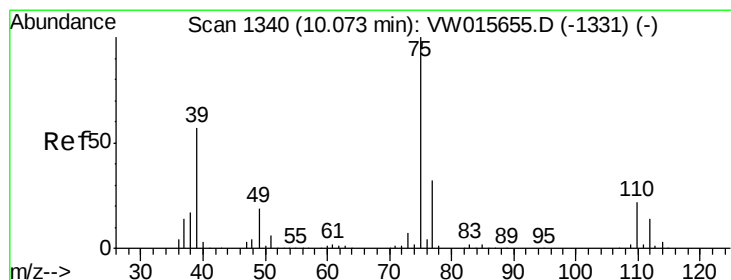
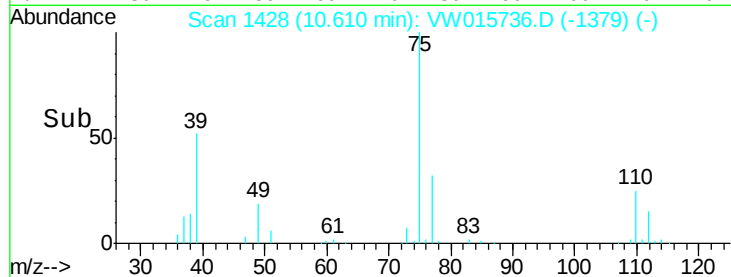
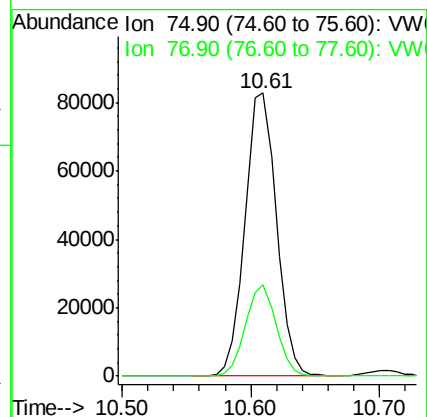
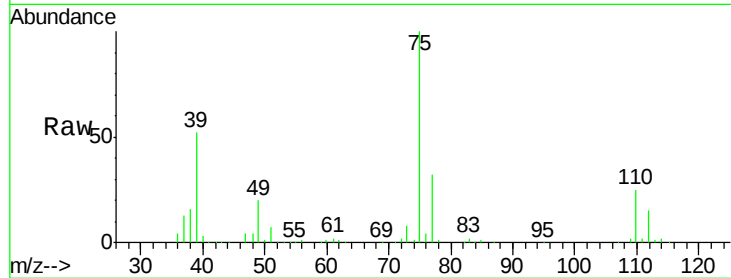
77 32.1 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.689 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

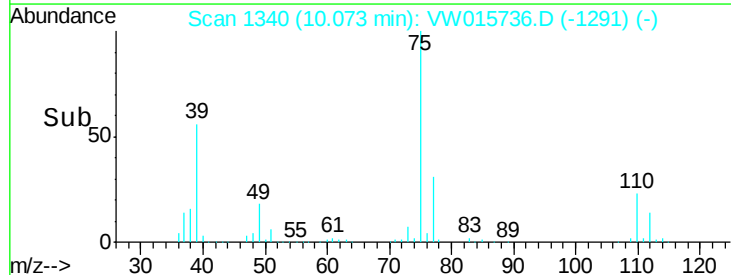
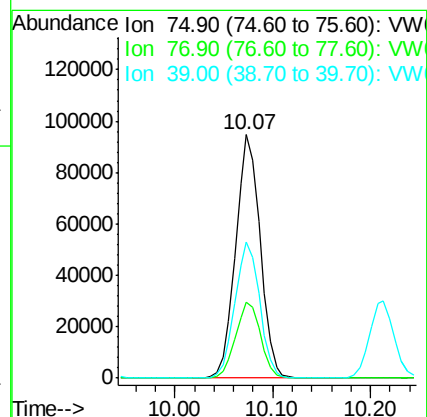
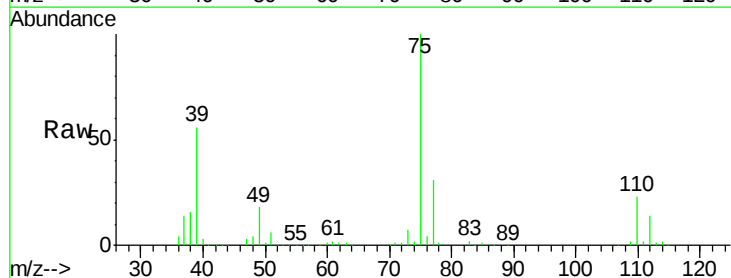
Tgt Ion: 75 Resp: 164665

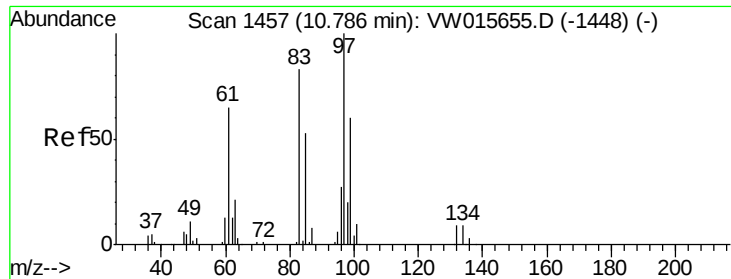
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

39 55.9 45.8 68.6





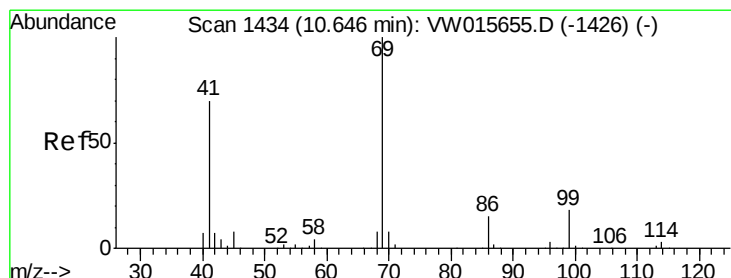
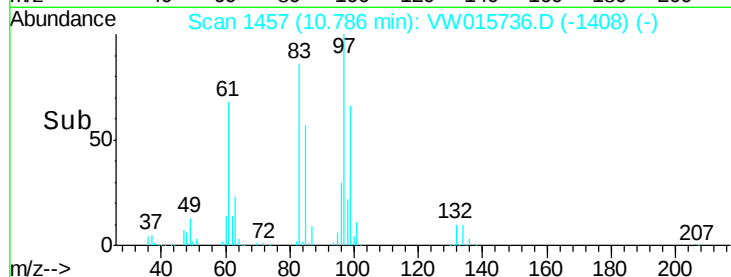
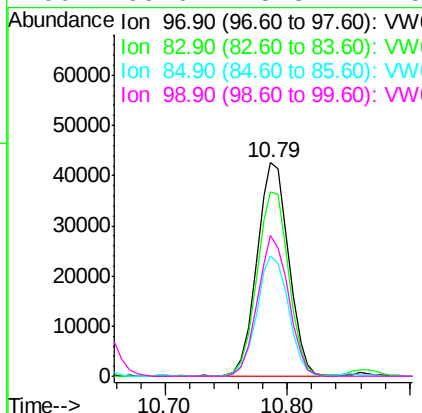
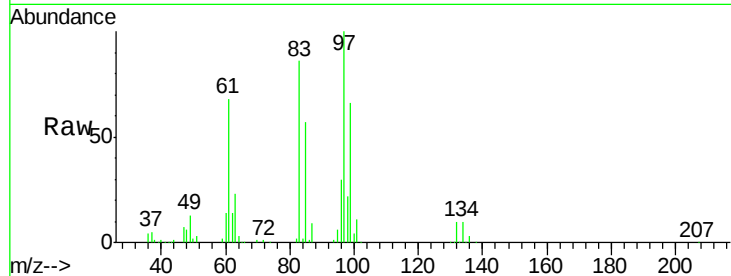
#55
 1,1,2-Trichloroethane
 Concen: 50.532 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		77343		
83	86.1	66.3	99.5		
85	56.6	42.5	63.7		
99	65.6	48.3	72.5		

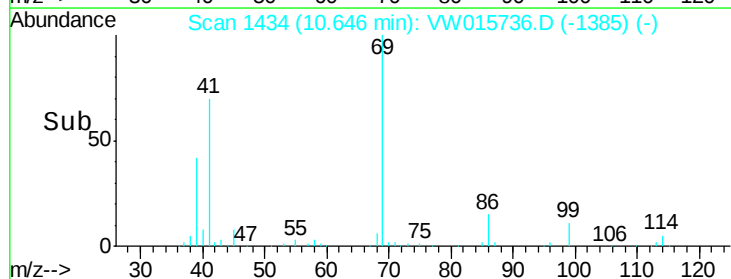
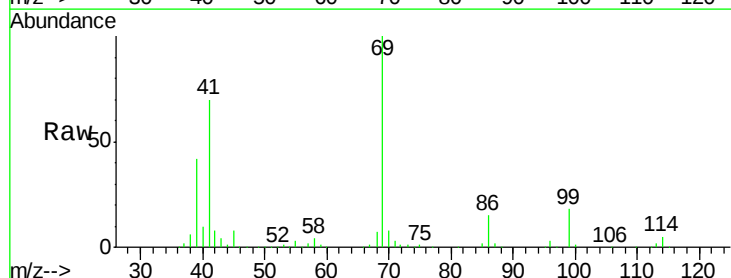
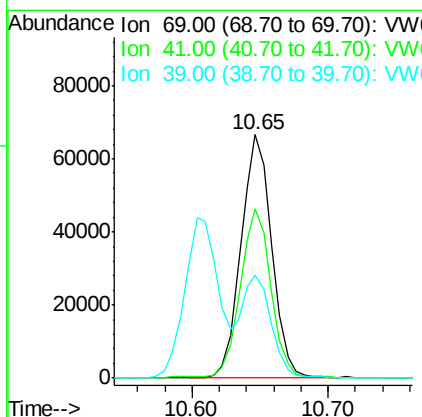
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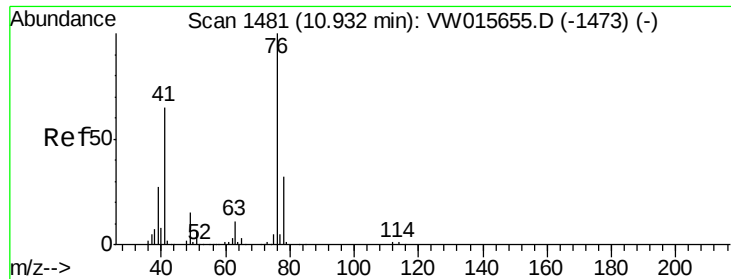
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#56
 Ethyl methacrylate
 Concen: 54.989 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		104722		
41	69.0	55.8	83.6		
39	41.7	29.5	44.3		





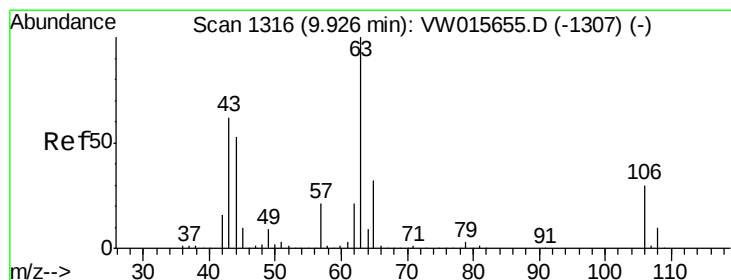
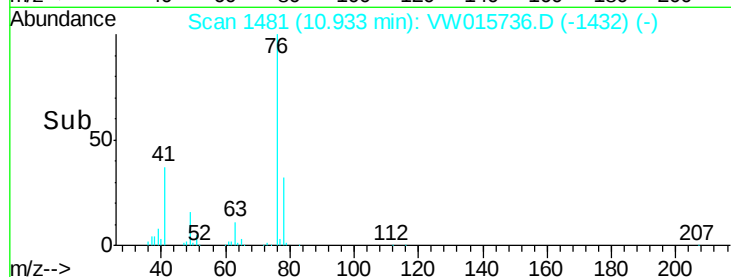
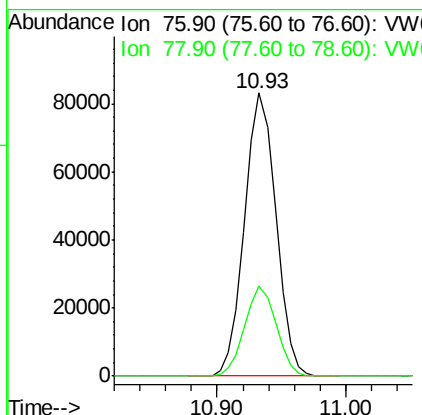
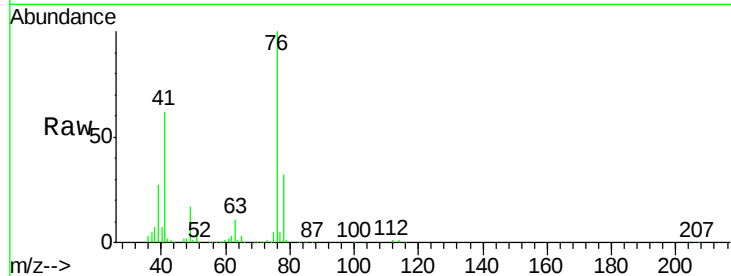
#57
 1,3-Dichloropropane
 Concen: 51.769 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 140471
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.2 39.2

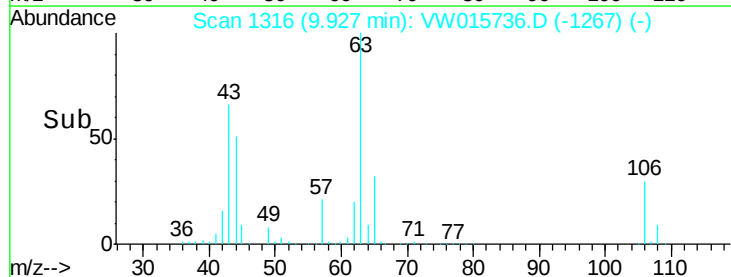
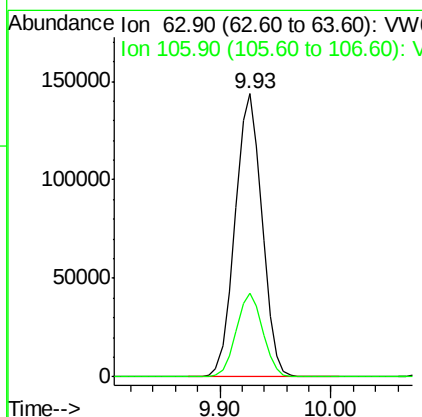
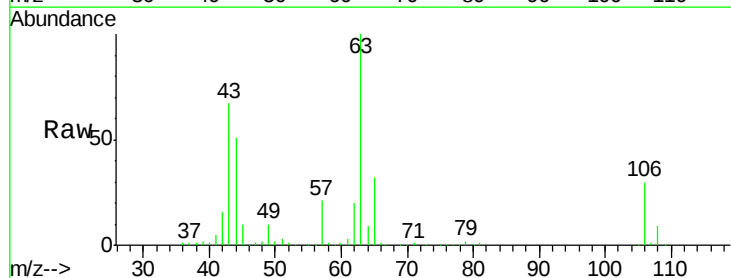
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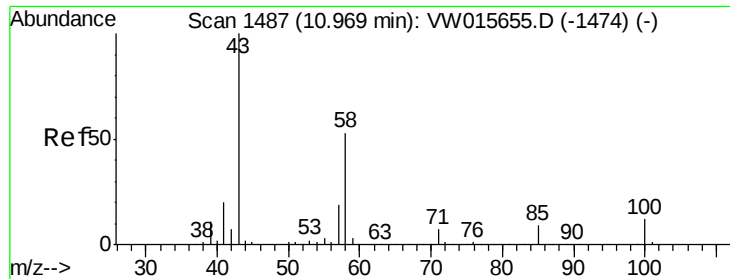
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.485 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 63 Resp: 240160
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.3 34.9





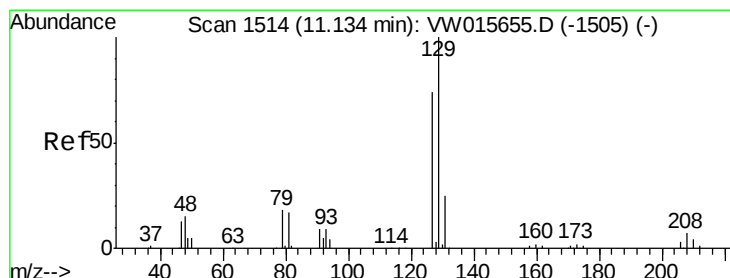
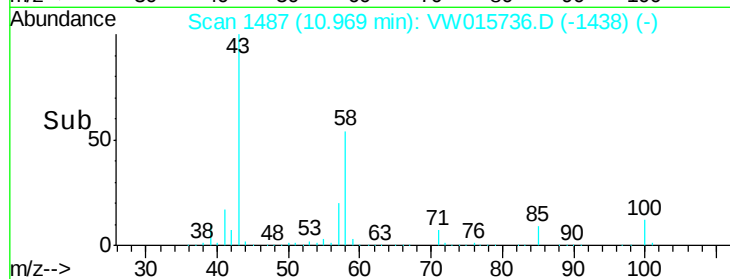
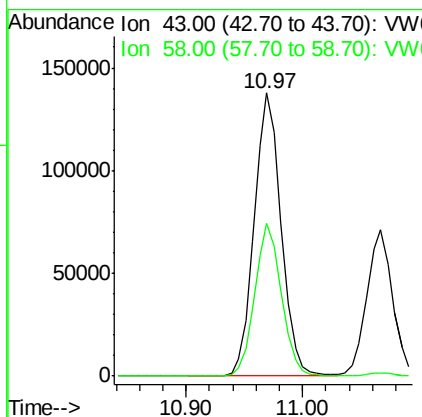
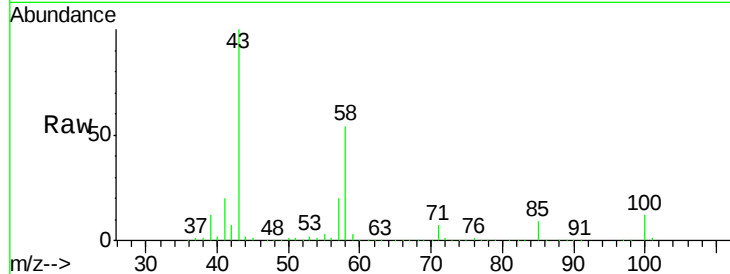
#59
2-Hexanone
Concen: 276.753 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 221633
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4

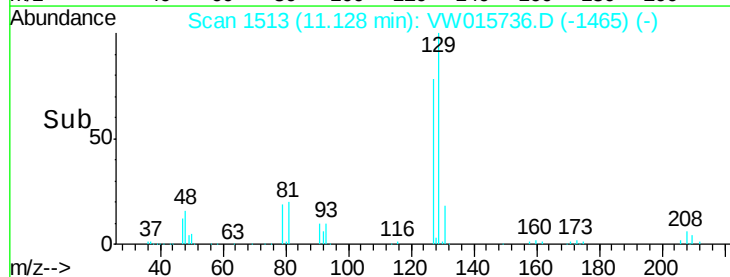
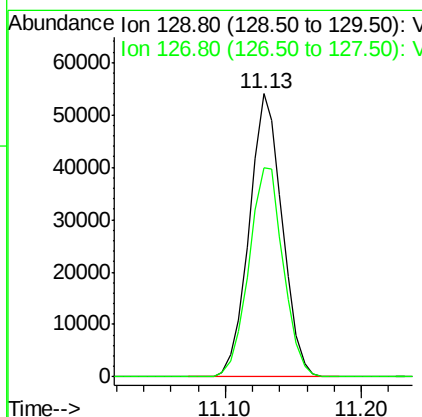
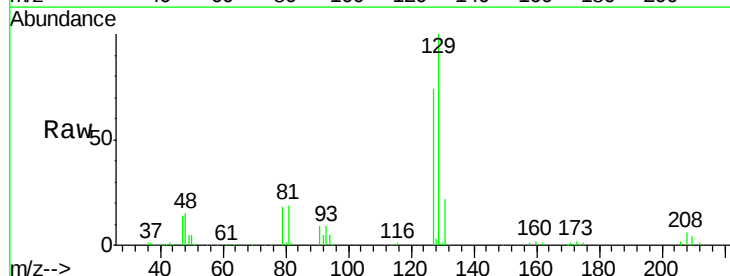
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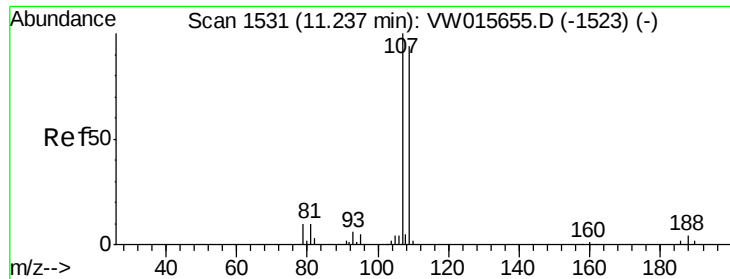
MMDadoda
6/26/2020 11:21:22 AM



#60
Dibromochloromethane
Concen: 51.435 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion: 129 Resp: 91740
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





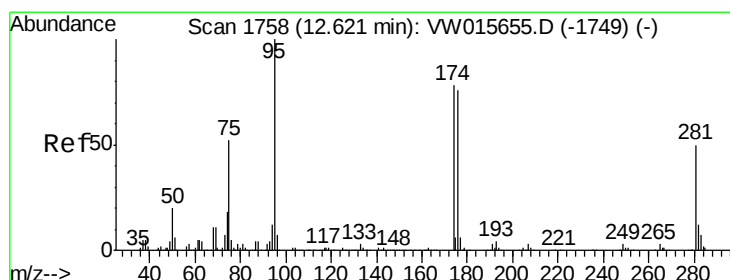
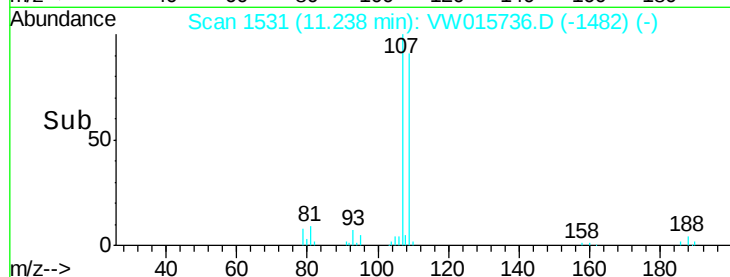
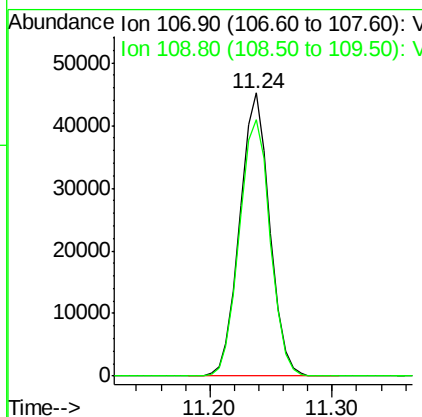
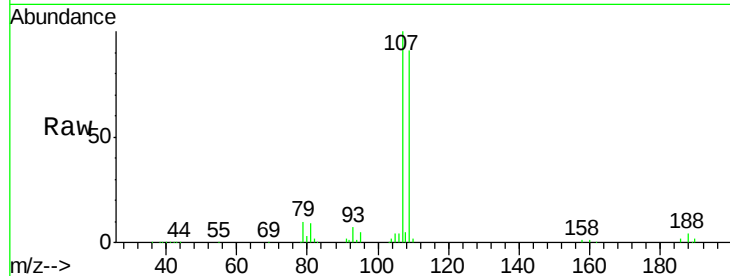
#61
 1,2-Dibromoethane
 Concen: 52.198 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.9	112.3

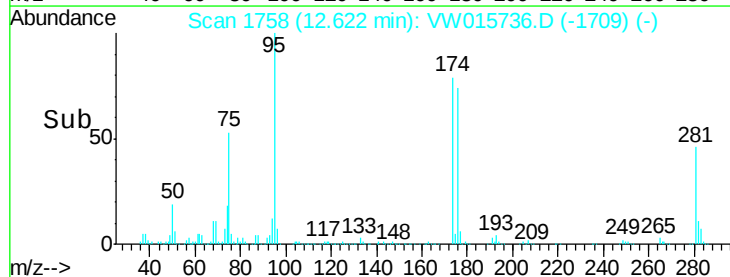
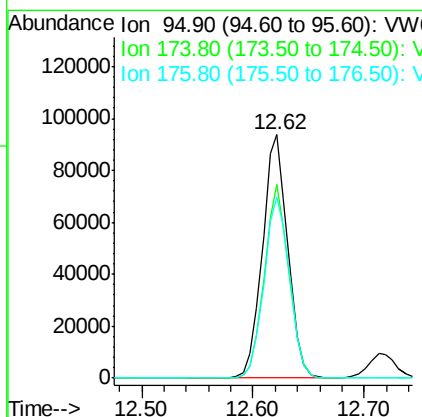
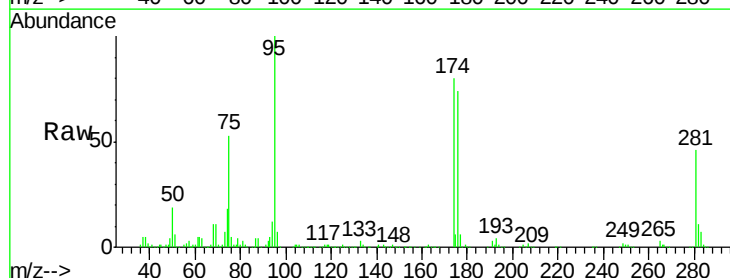
Manual Integrations
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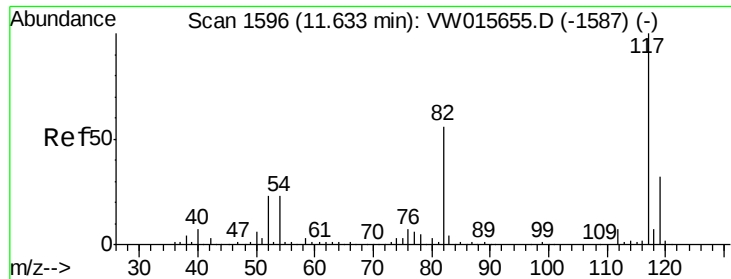
MMDadoda
 6/26/2020 11:21:22 AM



#62
 4-Bromofluorobenzene
 Concen: 52.967 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	157.0
176	75.1	0.0	151.4





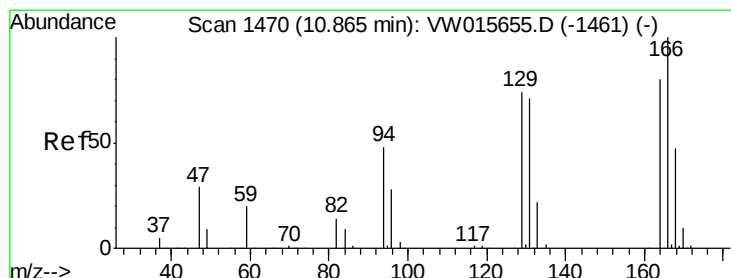
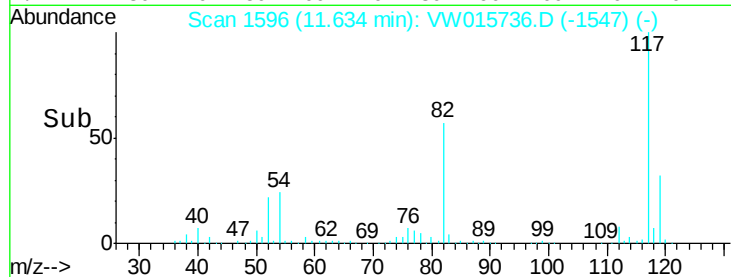
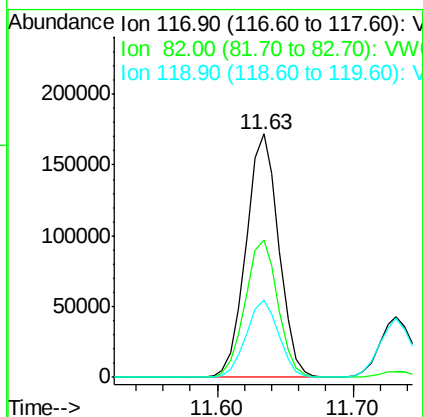
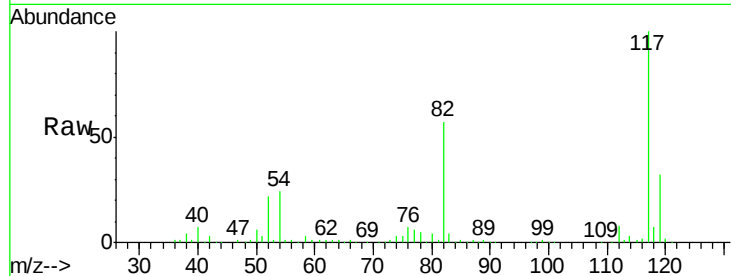
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.1	67.7
119	31.8	25.8	38.8

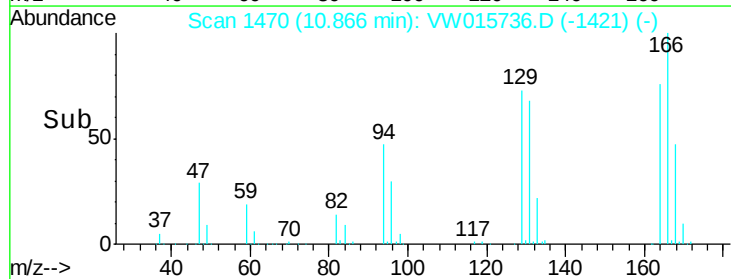
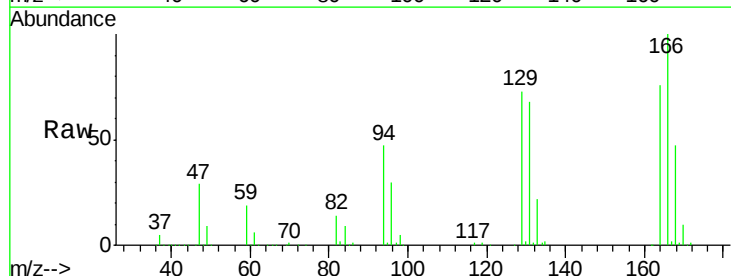
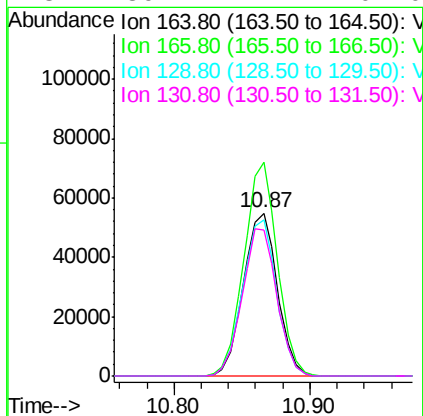
Manual Integrations
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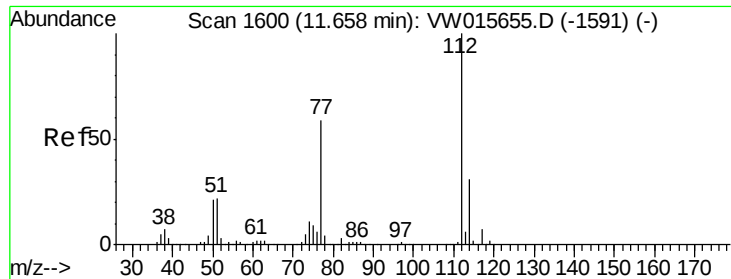
MMDadoda
6/26/2020 11:21:22 AM



#64
Tetrachloroethene
Concen: 47.152 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	99.9	149.9
129	96.1	74.2	111.2
131	89.7	71.4	107.0





#65

Chlorobenzene

Concen: 49.647 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 302514

Ion Ratio Lower Upper

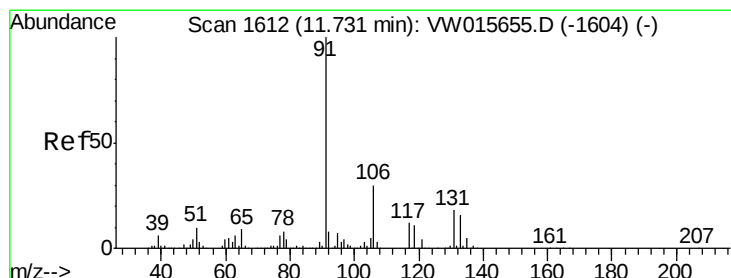
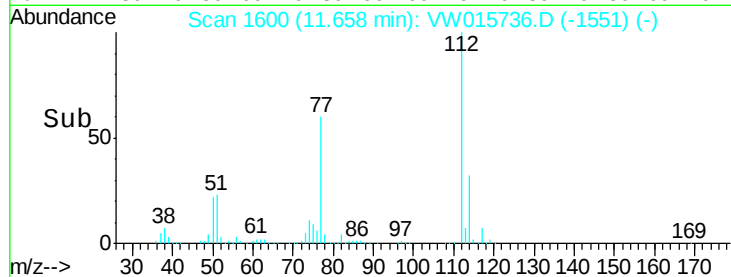
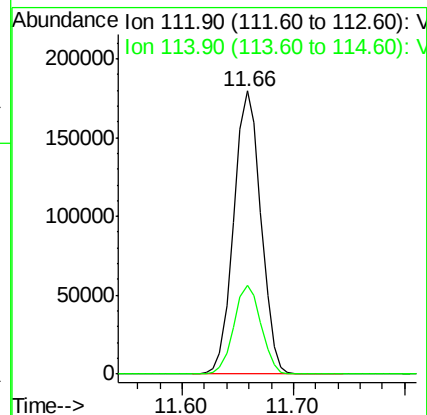
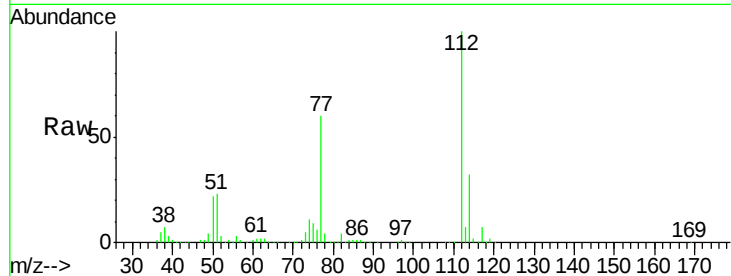
112 100

114 31.6 24.9 37.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 48.270 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

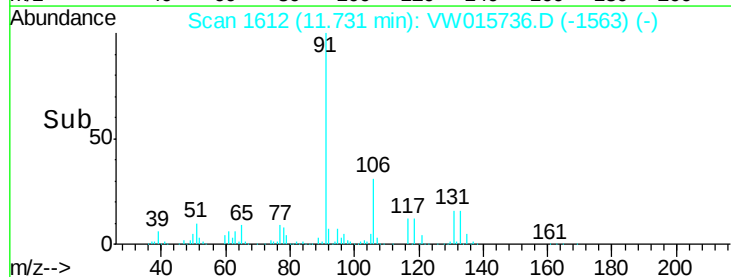
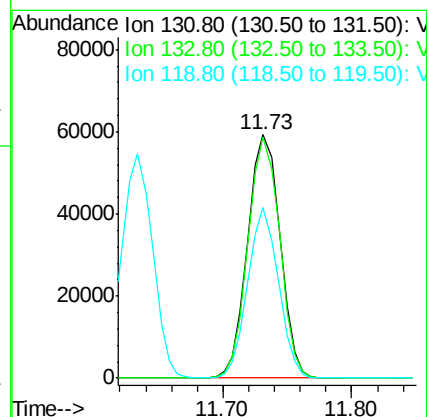
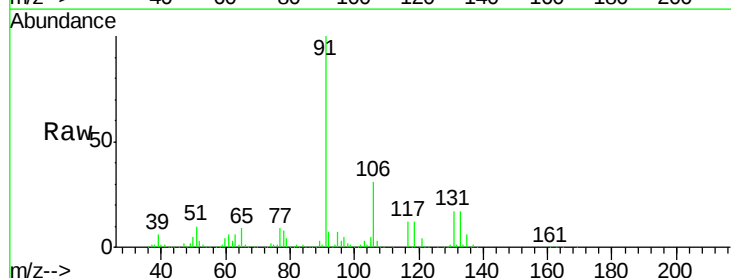
Tgt Ion:131 Resp: 103128

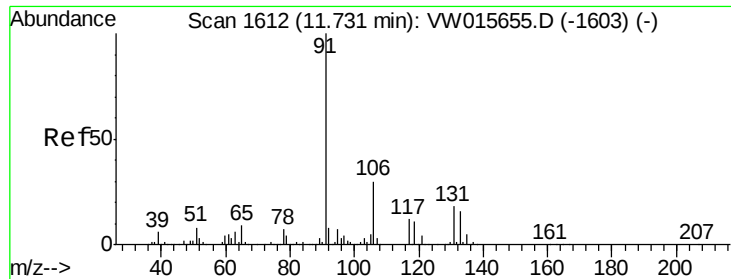
Ion Ratio Lower Upper

131 100

133 96.9 46.5 139.5

119 66.4 32.5 97.5





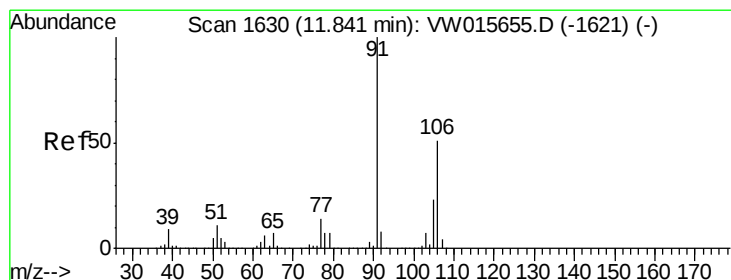
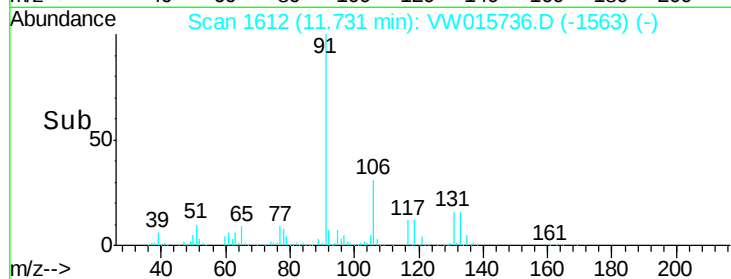
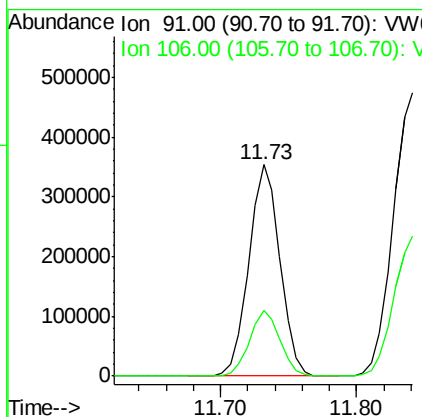
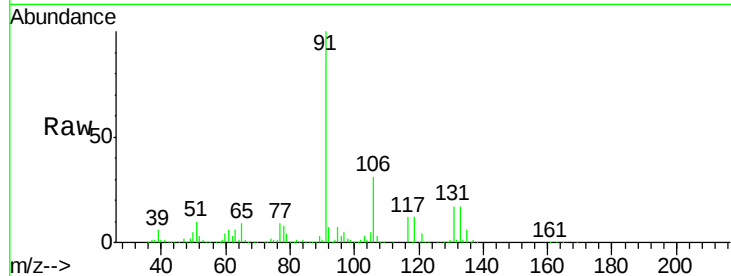
#67
Ethyl Benzene
Concen: 49.959 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1

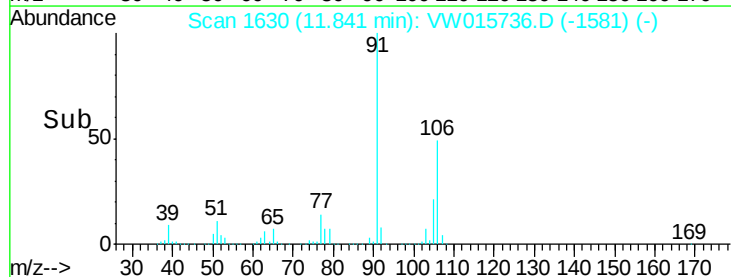
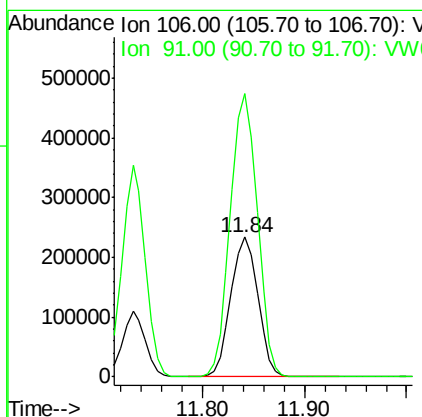
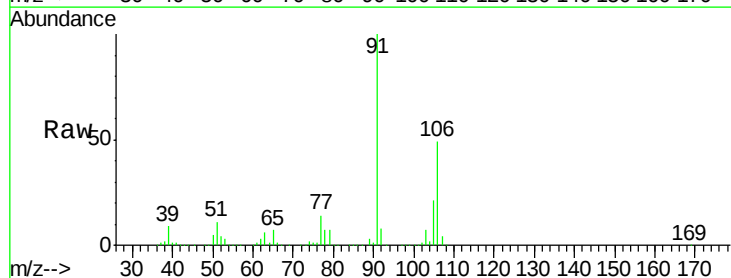
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#68
m/p-Xylenes
Concen: 101.042 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.2	162.6	244.0





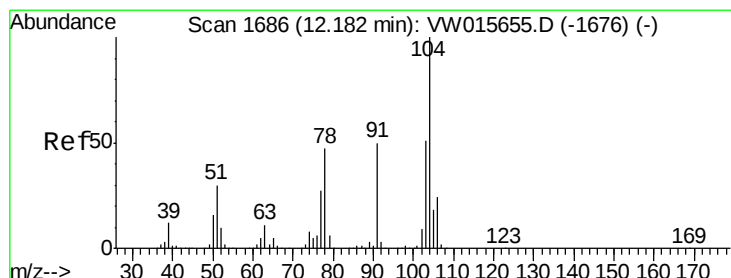
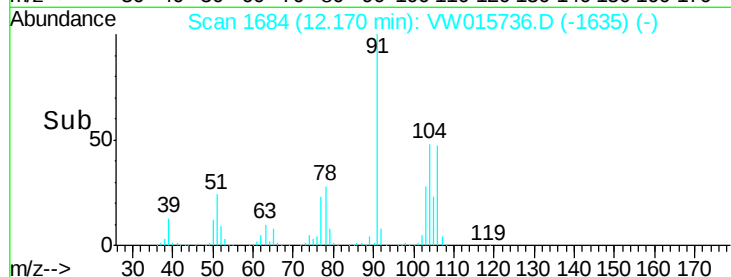
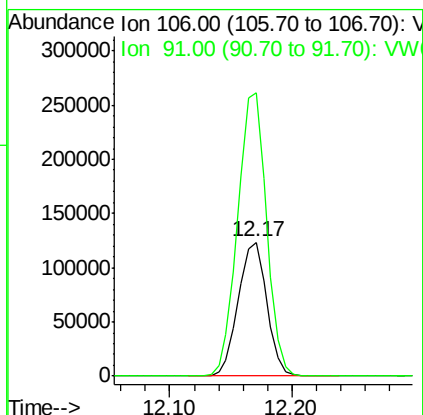
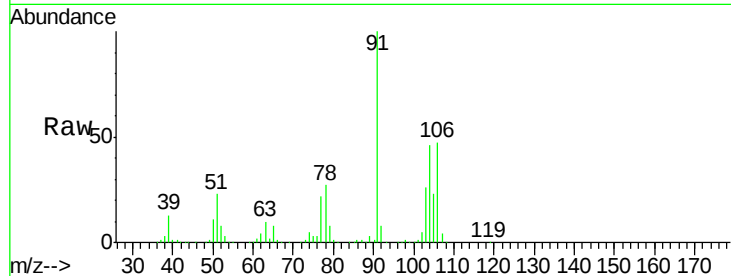
#69
o-Xylene
Concen: 51.043 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		199843		
91	214.1	108.3	324.9		

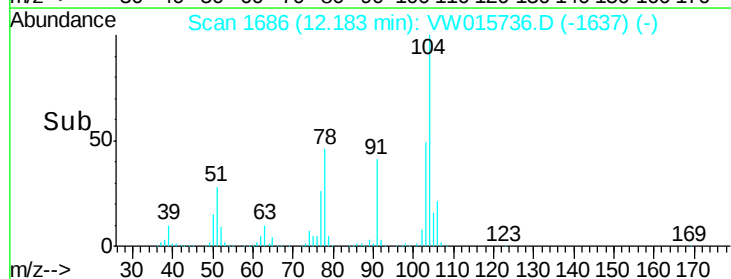
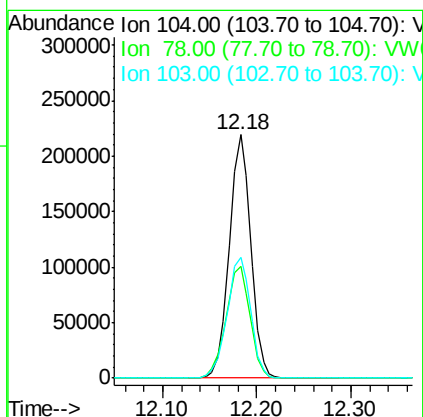
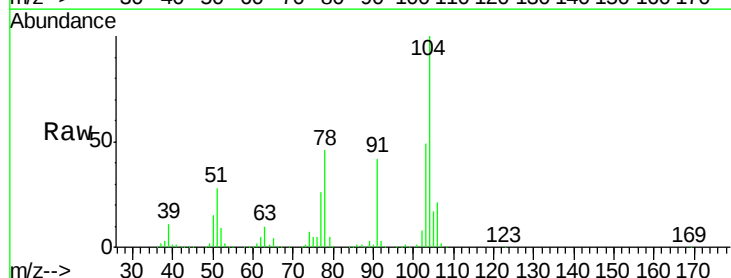
Manual Integrations
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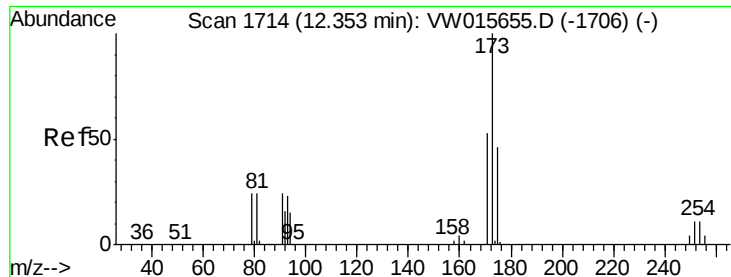
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#70
Styrene
Concen: 51.810 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		346568		
78	51.3	40.9	61.3		
103	54.3	43.1	64.7		





#71

Bromoform

Concen: 50.394 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 49538

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.6

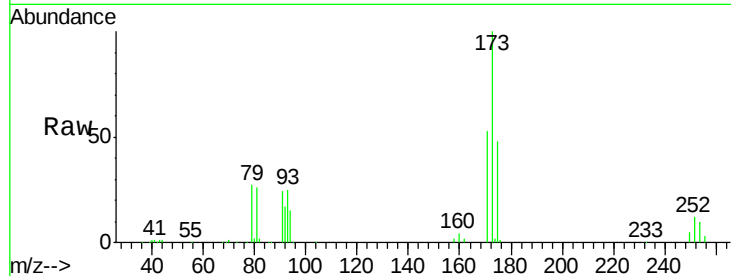
254 0.0 0.1 0.1#

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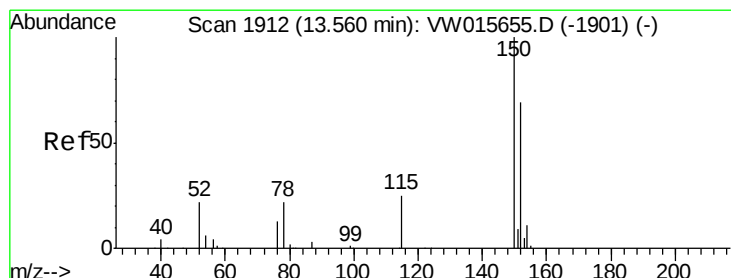
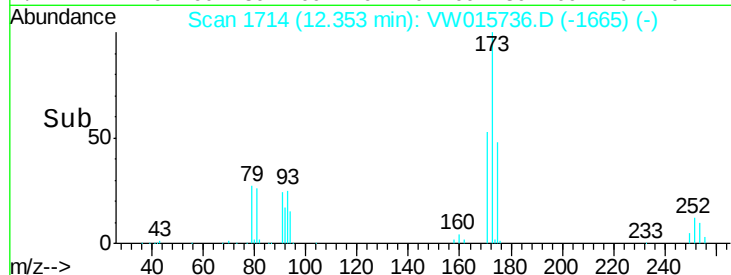
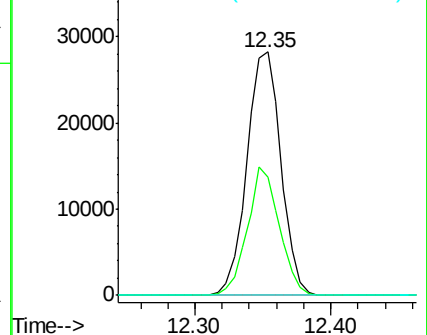
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

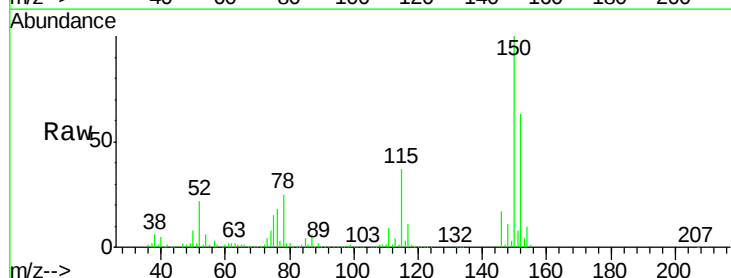
Tgt Ion:152 Resp: 151175

Ion Ratio Lower Upper

152 100

115 59.5 30.1 90.5

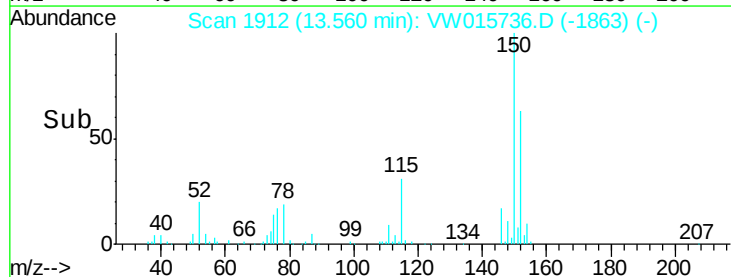
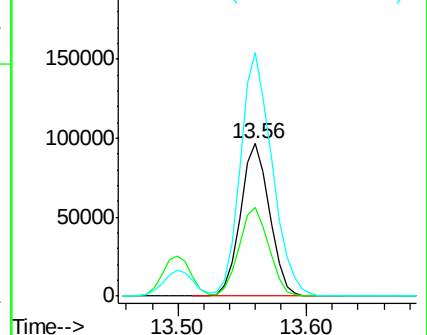
150 174.0 0.0 345.6

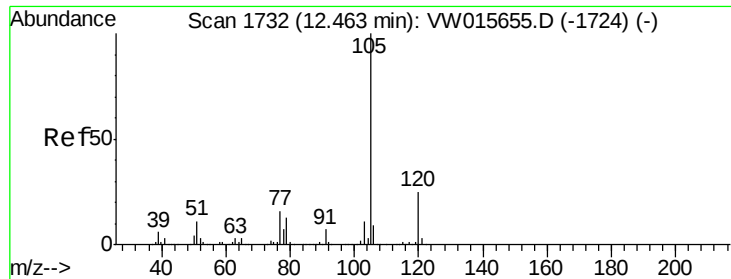


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.998 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 565051

Ion Ratio Lower Upper

105 100

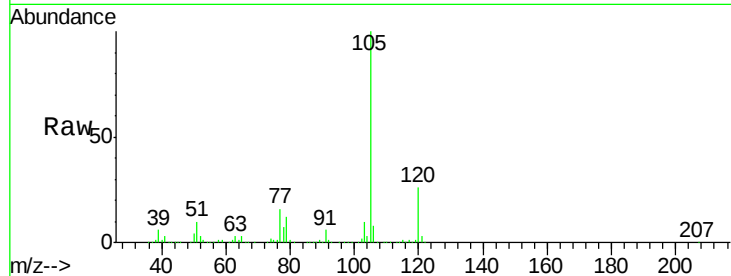
120 26.3 12.9 38.7

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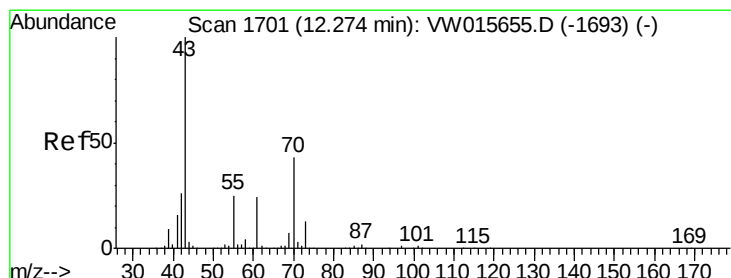
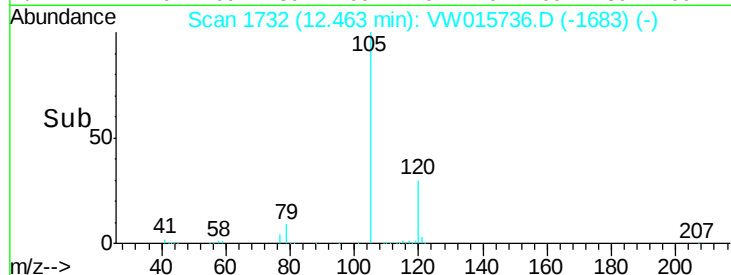
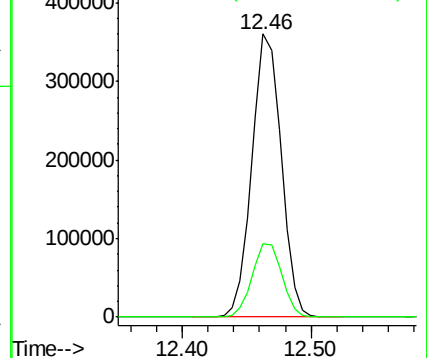
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.595 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion: 43 Resp: 126132

Ion Ratio Lower Upper

43 100

70 43.3 33.6 50.4

55 24.5 19.7 29.5

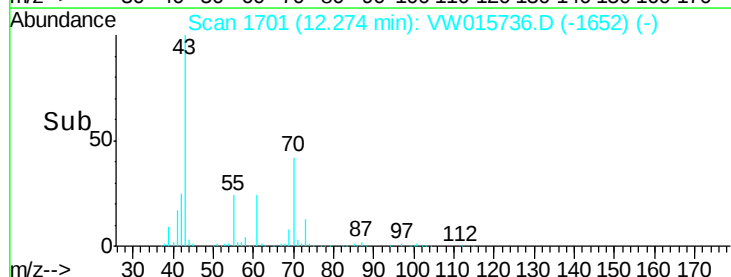
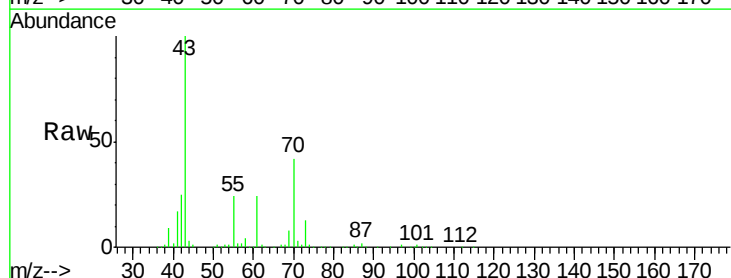
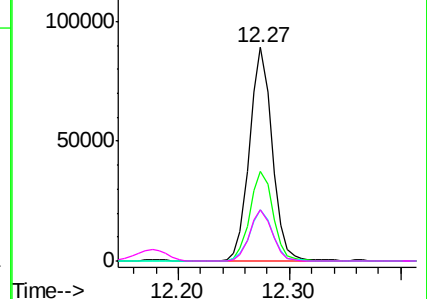
61 24.2 18.7 28.1

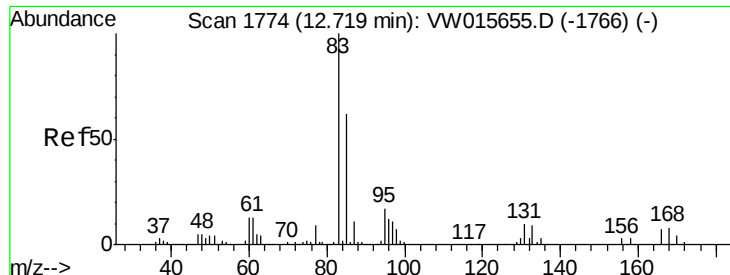
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





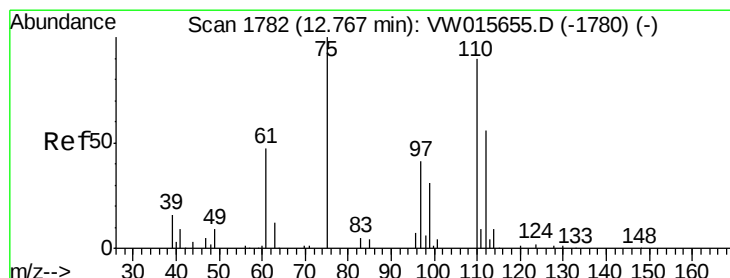
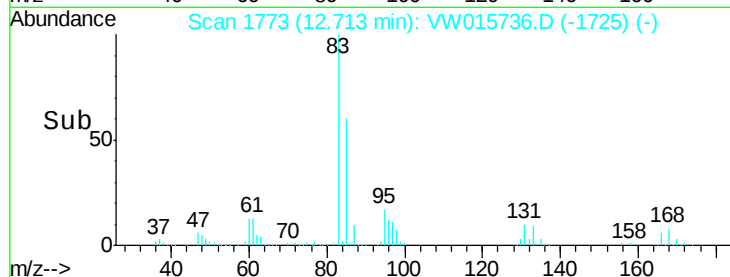
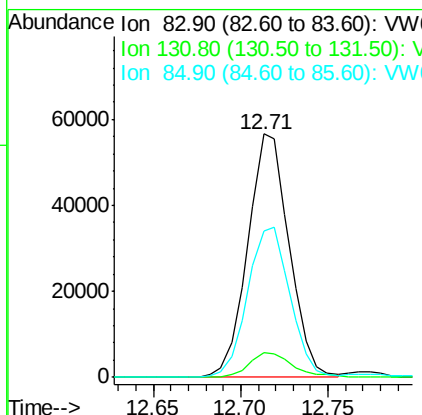
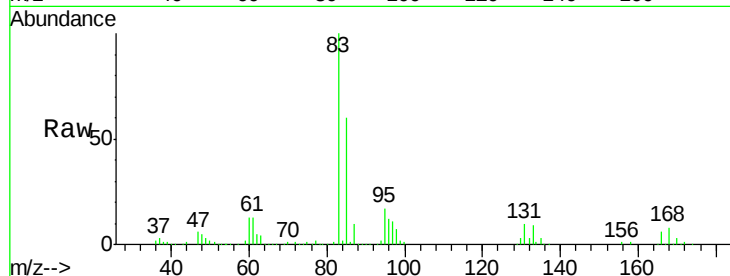
#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.516 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	93198
Ion Ratio	100	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	63.2	31.9	95.7

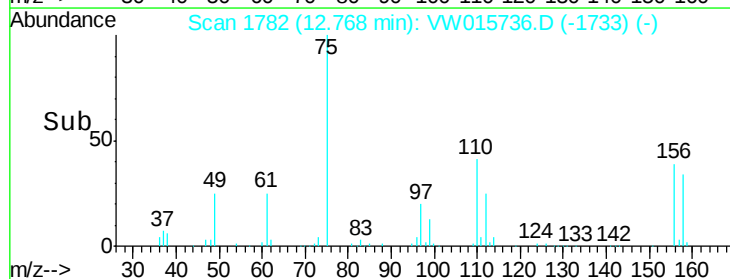
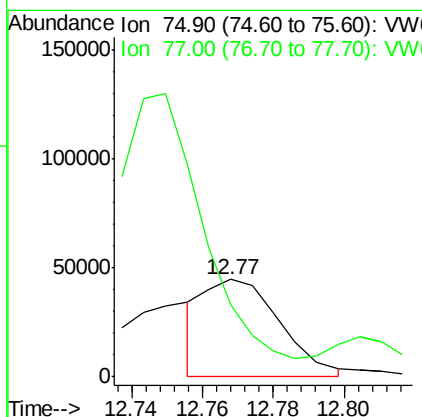
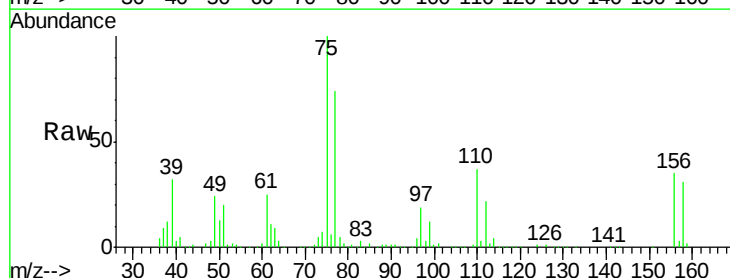
Manual Integrations
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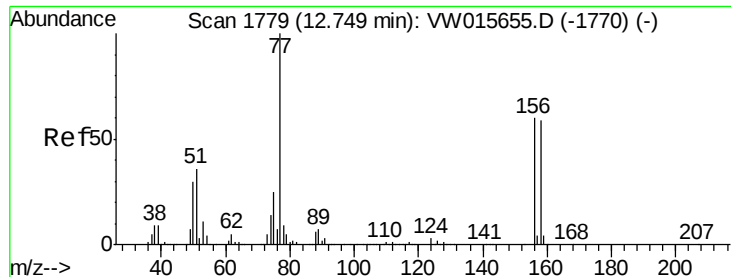
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#76
 1,2,3-Trichloropropane
 Concen: 48.551 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	75	Resp	66949
Ion Ratio	100	Lower	Upper
75	100		
77	356.1	179.1	537.1





#77

Bromobenzene

Concen: 48.346 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Instrument :

MSVOA_W

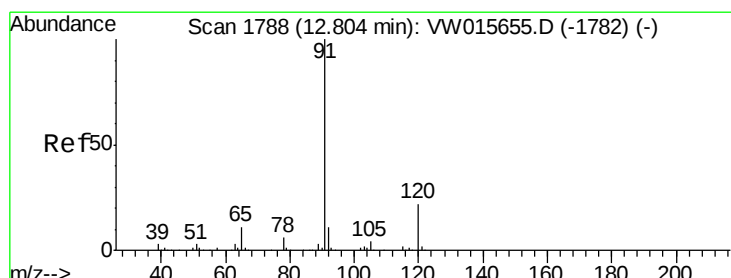
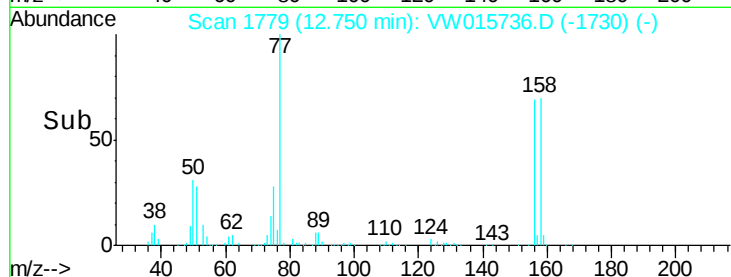
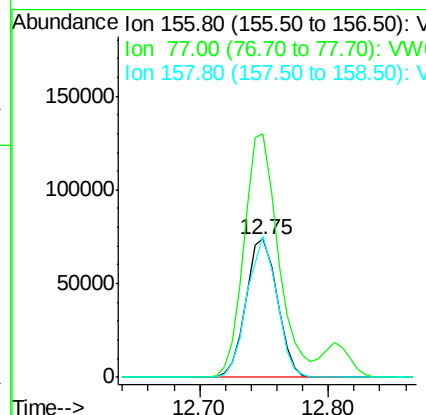
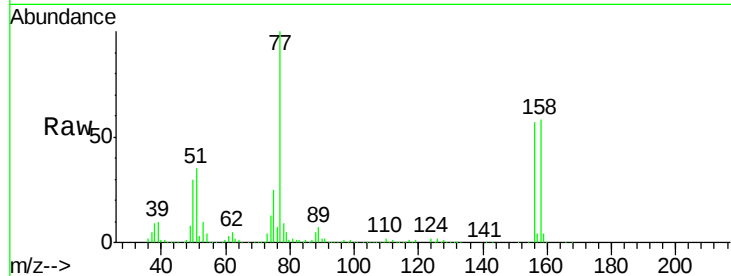
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	124320
Ion Ratio	Lower	Upper	
156	100		
77	191.8	94.5	283.5
158	96.3	47.9	143.6

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#78

n-propylbenzene

Concen: 48.512 ug/l

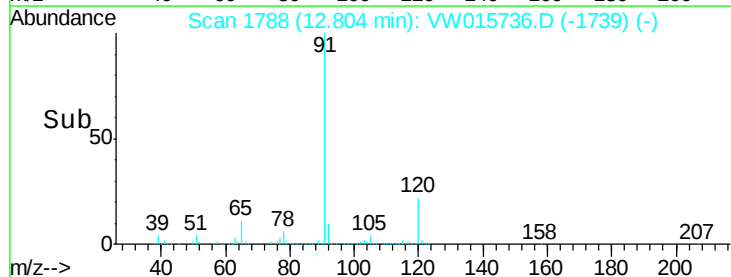
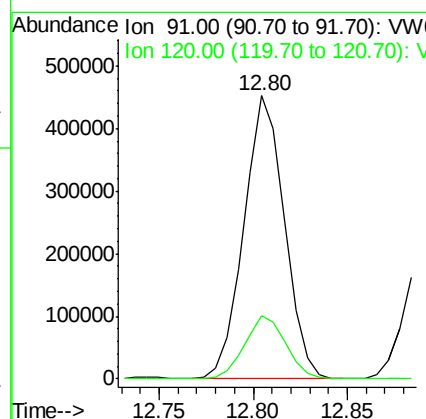
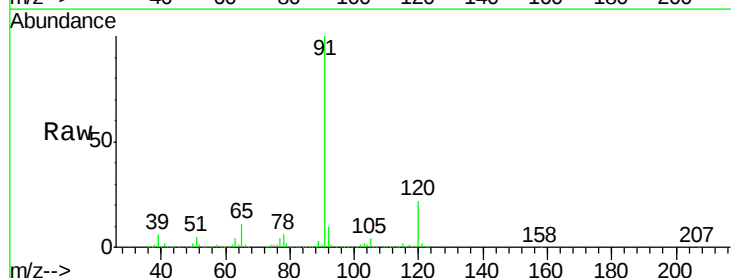
RT: 12.80 min Scan# 1788

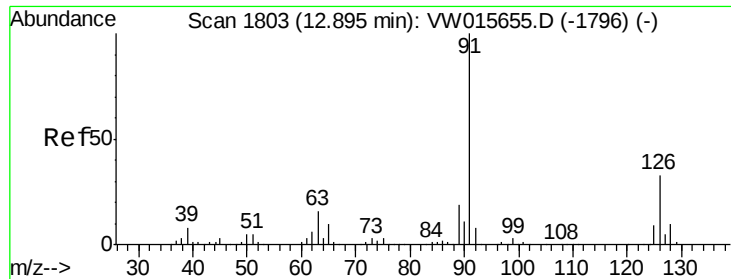
Delta R.T. 0.00 min

Lab File: VW015736.D

Acq: 25 Jun 2020 18:26

Tgt Ion:	91	Resp:	673404
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.2	33.5





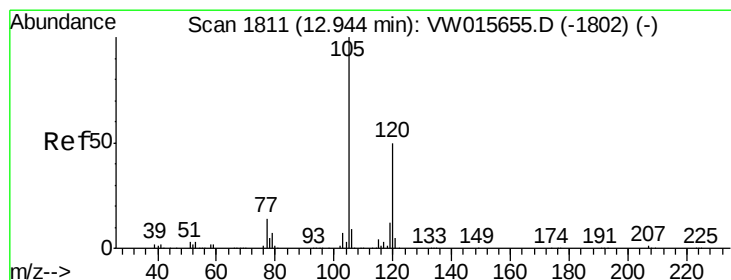
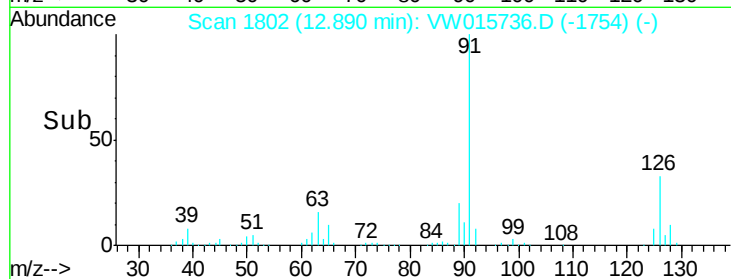
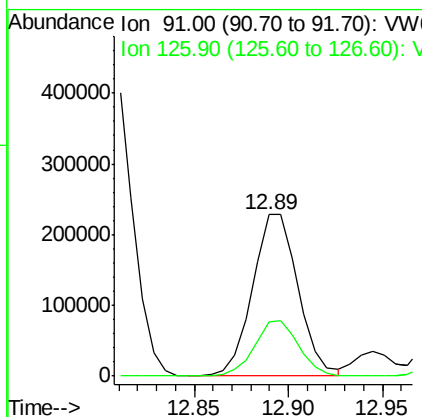
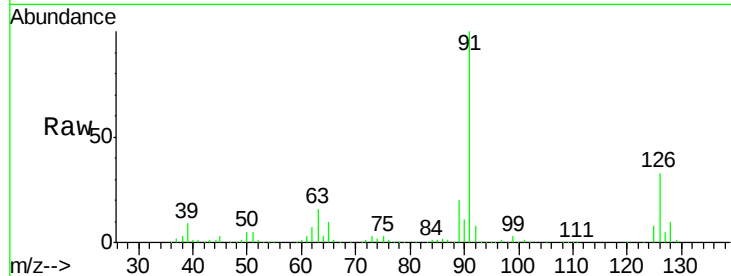
#79
 2-Chlorotoluene
 Concen: 48.894 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 382152
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.8

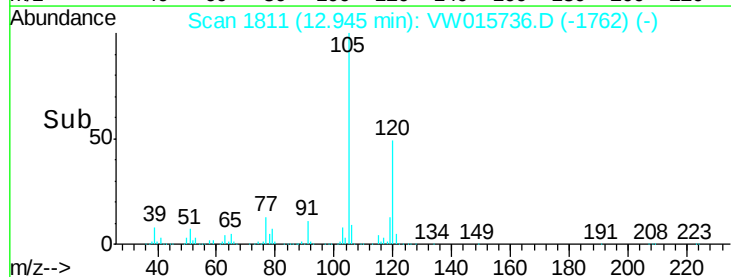
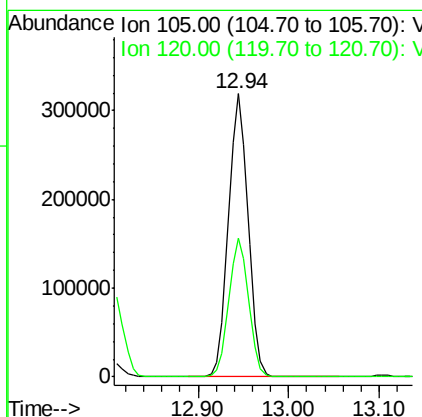
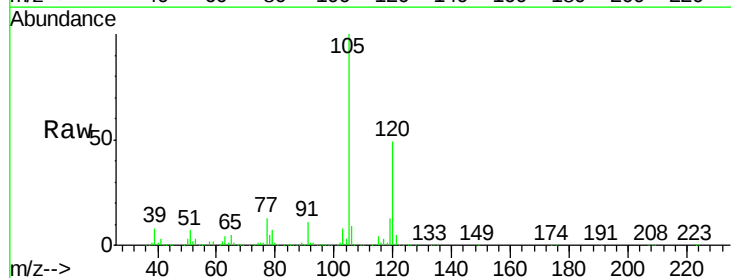
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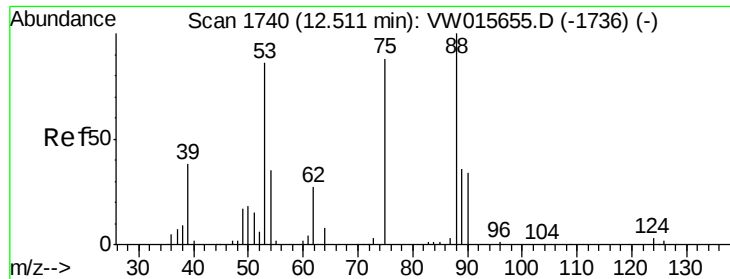
MMDadoda
 6/26/2020 11:21:22 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.039 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion: 105 Resp: 479188
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2





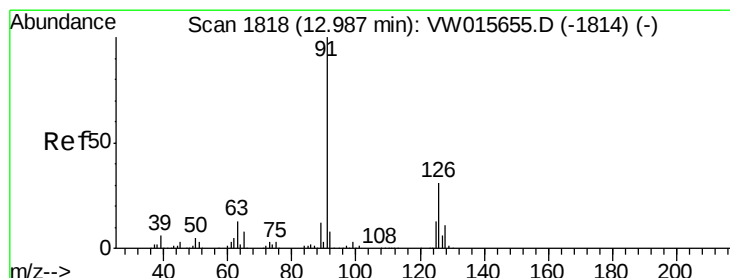
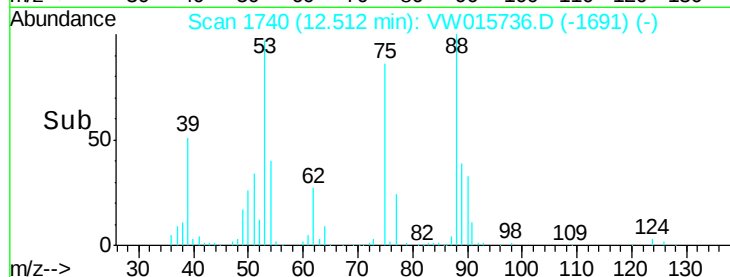
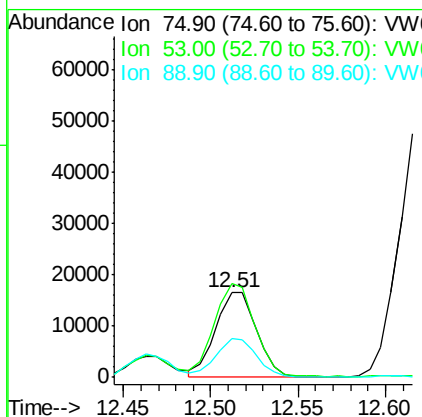
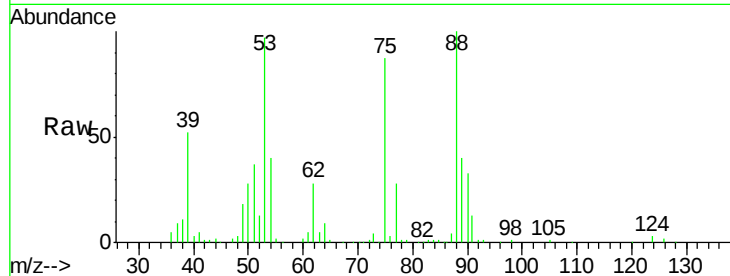
#81
trans-1,4-Dichloro-2-butene
Concen: 49.008 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.5	83.8	125.8
89	45.8	36.6	55.0

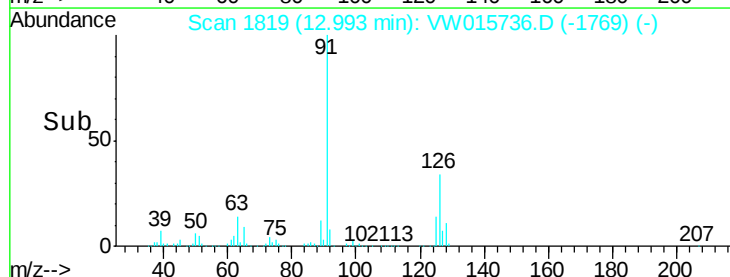
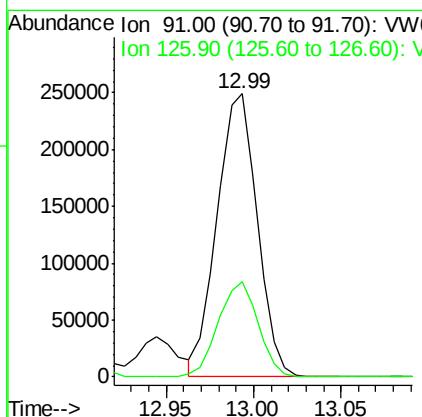
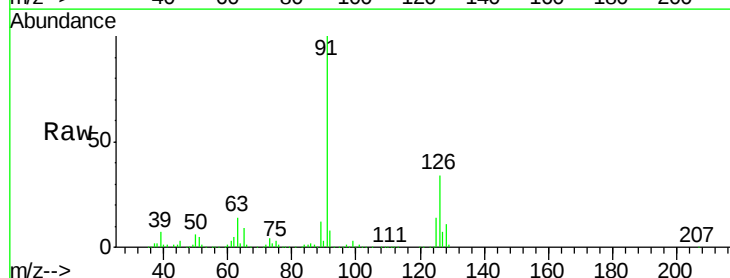
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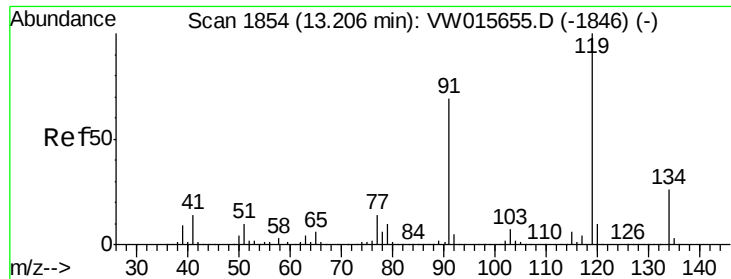
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#82
4-Chlorotoluene
Concen: 48.082 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.3	48.9





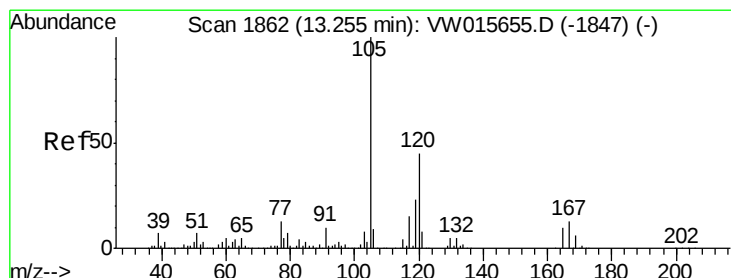
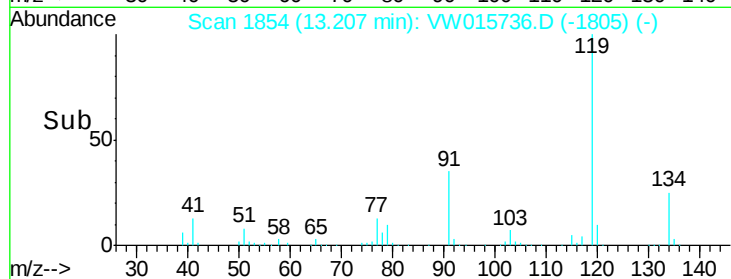
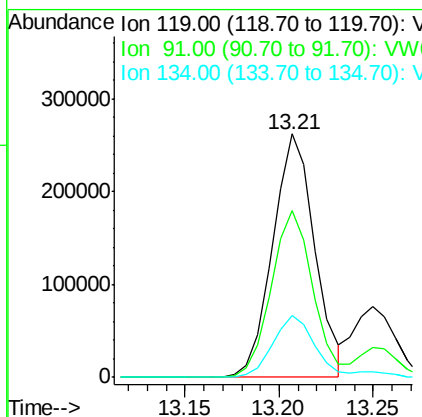
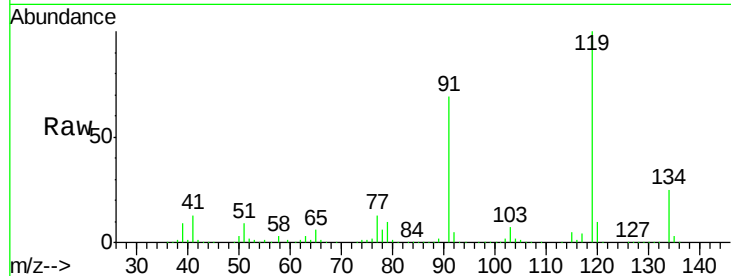
#83
 tert-Butylbenzene
 Concen: 48.994 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.7	34.7	104.1
134	25.4	13.8	41.4

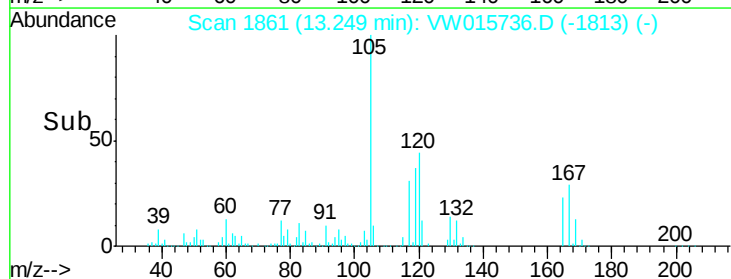
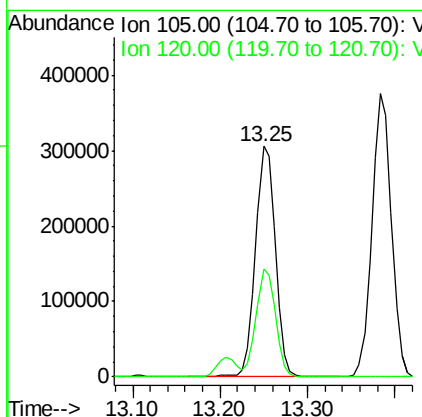
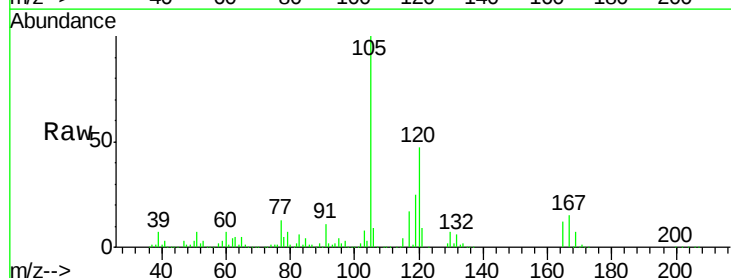
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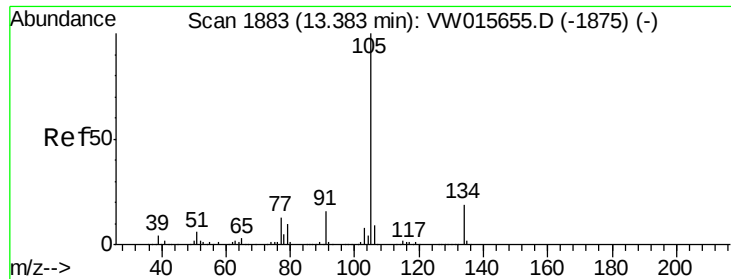
MMDadoda
 6/26/2020 11:21:22 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.444 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.3





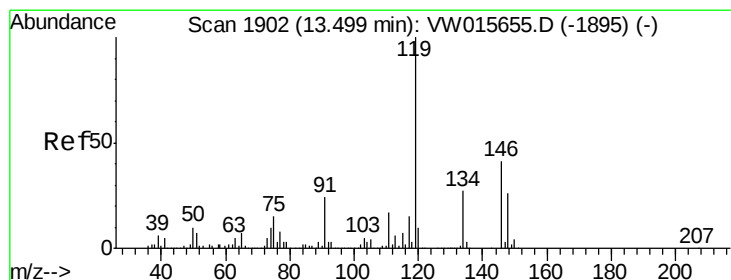
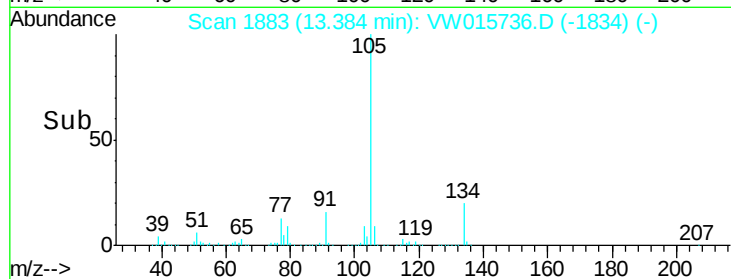
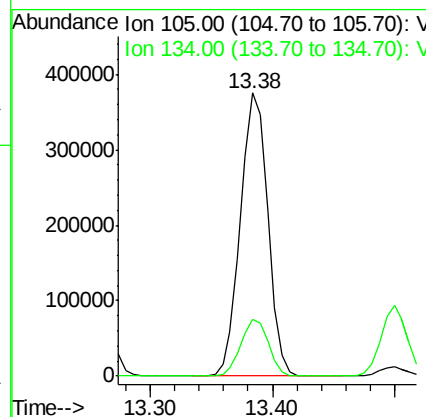
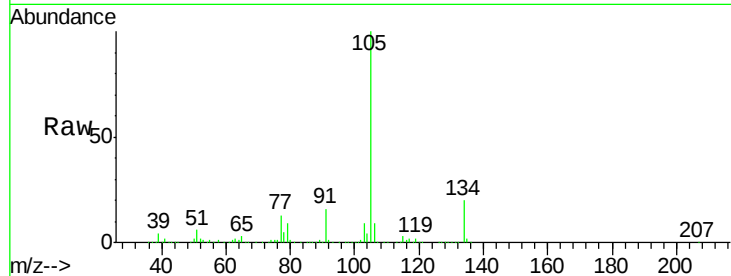
#85
 sec-Butylbenzene
 Concen: 49.289 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.0	29.8

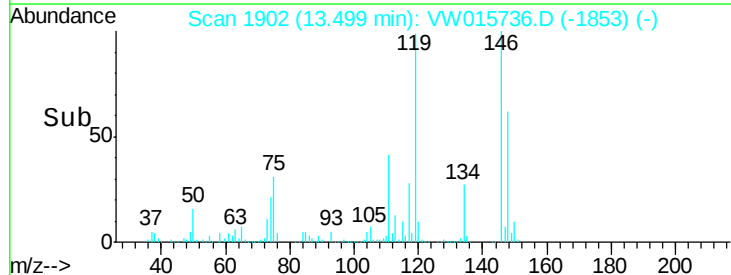
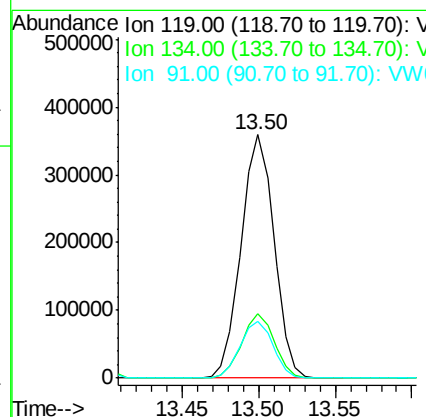
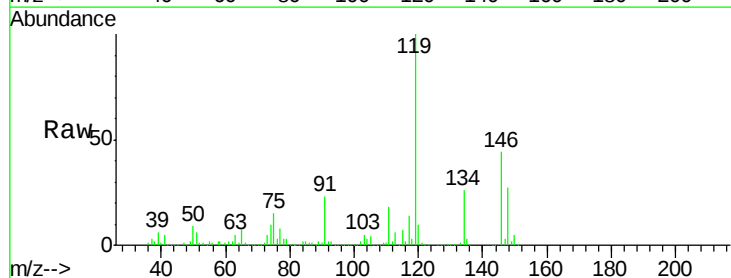
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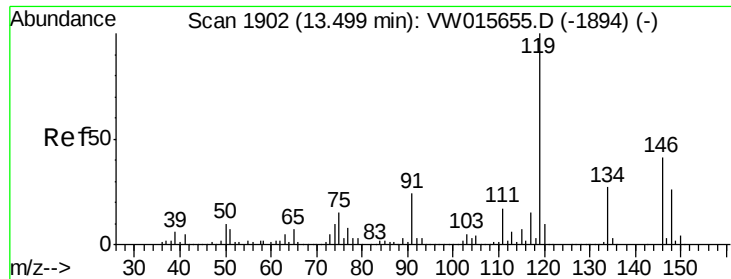
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#86
 p-Isopropyltoluene
 Concen: 50.218 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.5	40.4
91	23.5	12.3	36.8





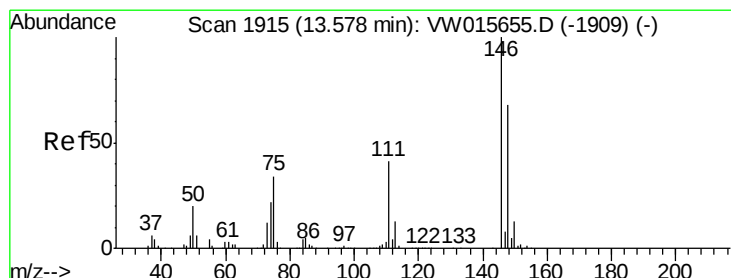
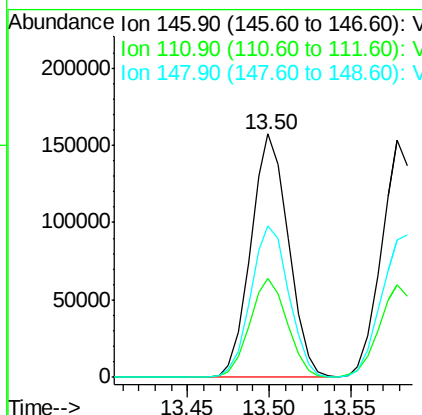
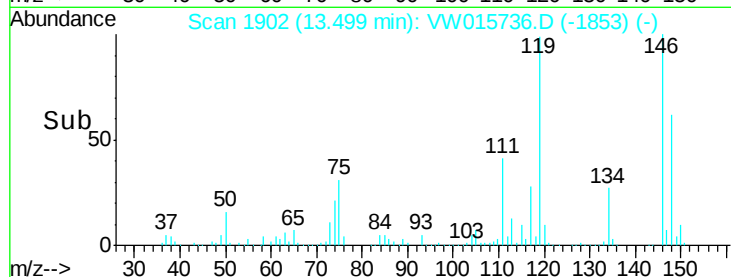
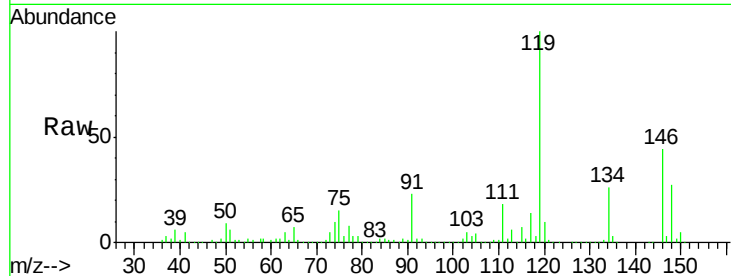
#87
 1,3-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.0	31.6	94.7

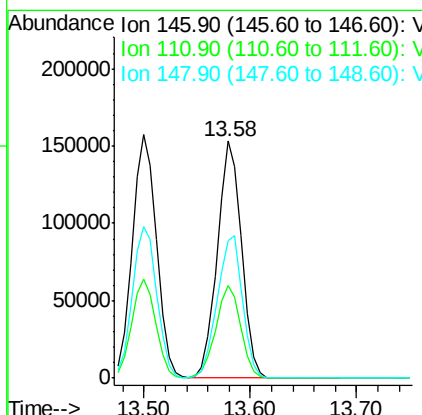
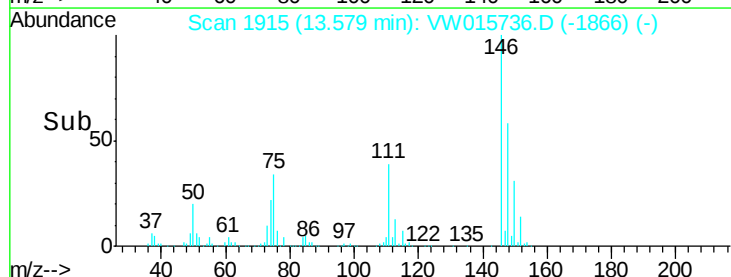
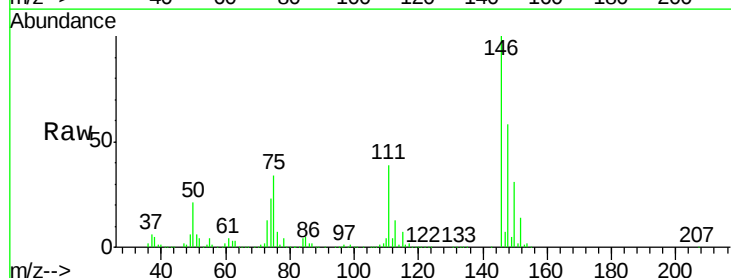
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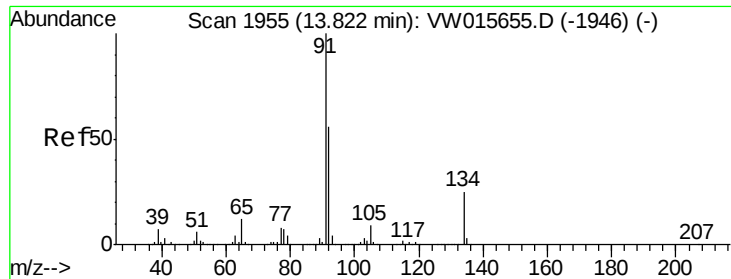
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#88
 1,4-Dichlorobenzene
 Concen: 47.767 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	62.7	33.7	101.1





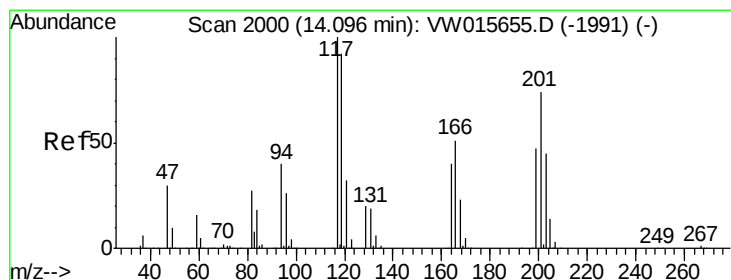
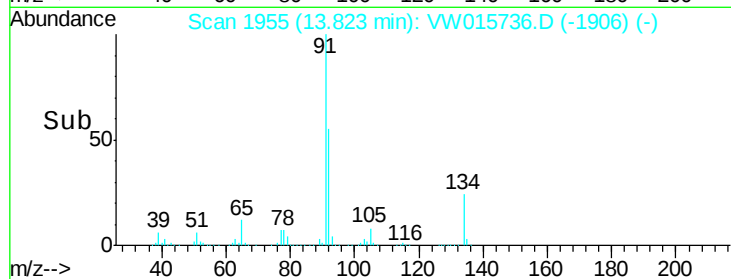
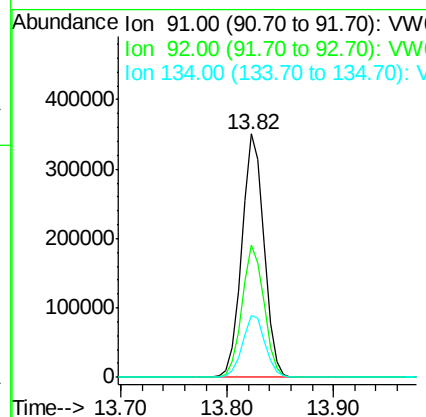
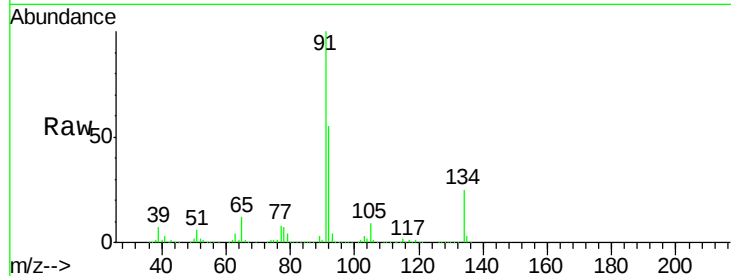
#89
n-Butylbenzene
Concen: 49.694 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	511435		
92	54.2		27.5	82.4
134	25.9		13.0	38.9

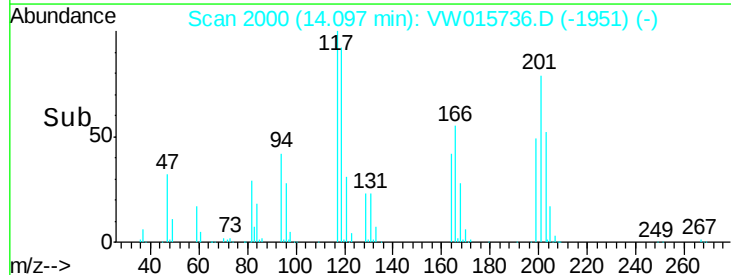
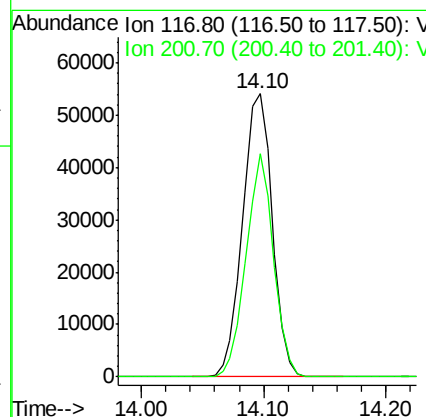
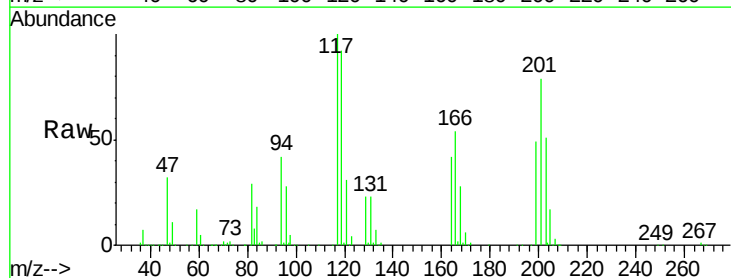
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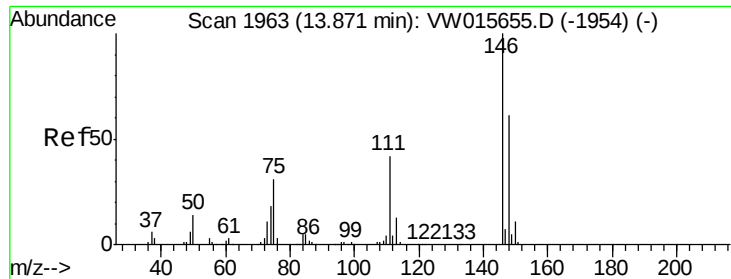
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#90
Hexachloroethane
Concen: 47.775 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	91150		
201	72.7		37.1	111.5





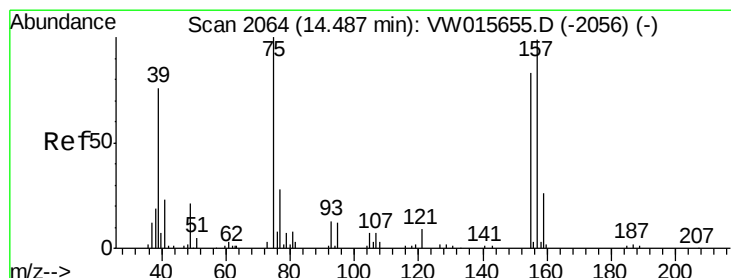
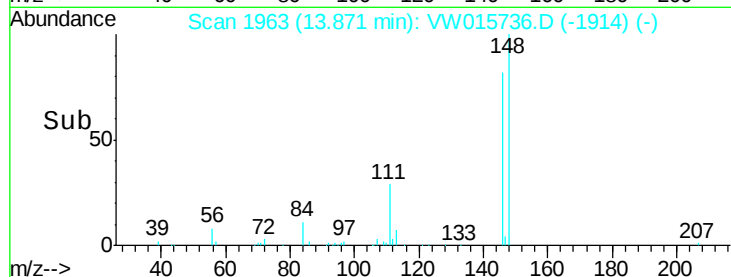
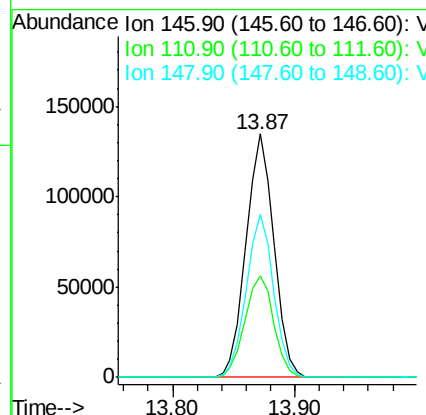
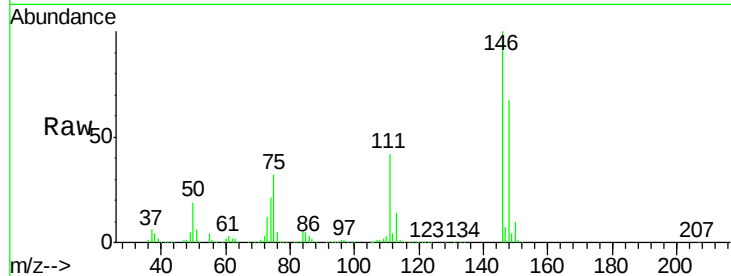
#91
 1,2-Dichlorobenzene
 Concen: 48.253 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	65.8	32.2	96.6

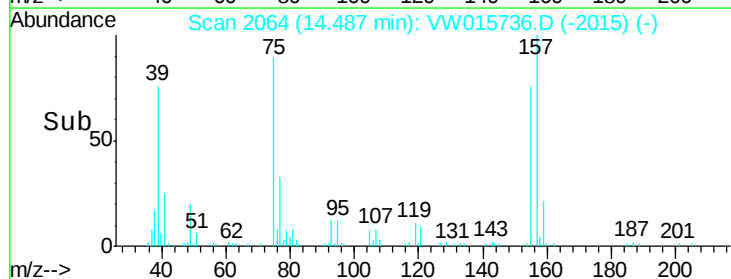
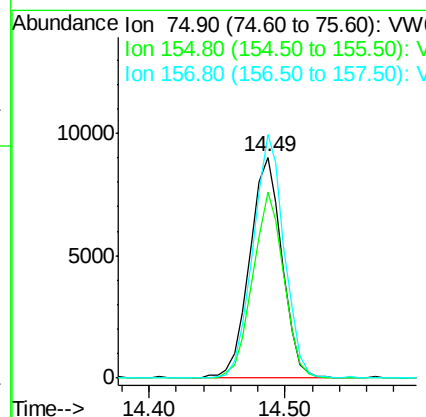
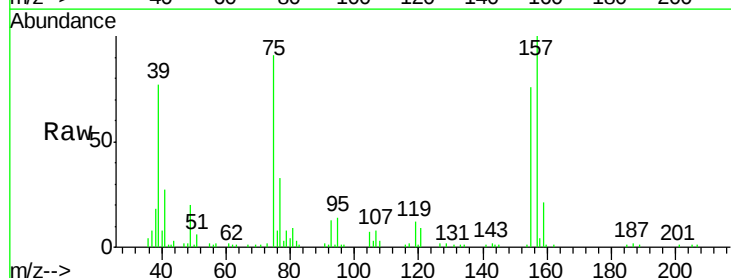
Manual Integrations
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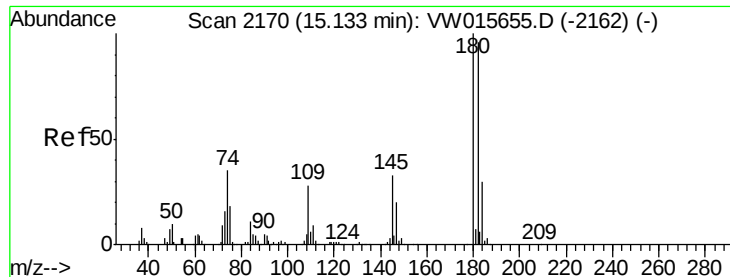
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 6/26/2020 11:21:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.008 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.8	122.2
157	106.1	50.7	152.1





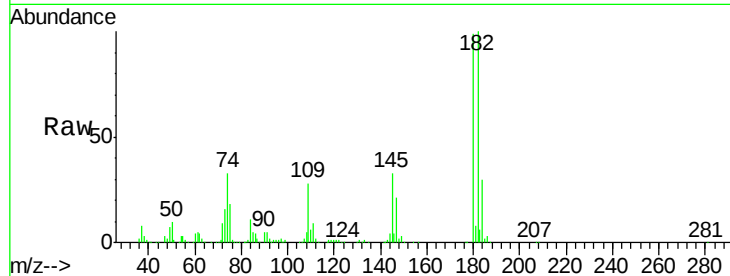
#93
 1,2,4-Trichlorobenzene
 Concen: 50.453 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	147053		
182	96.6	47.9	143.6	
145	30.9	15.6	46.7	

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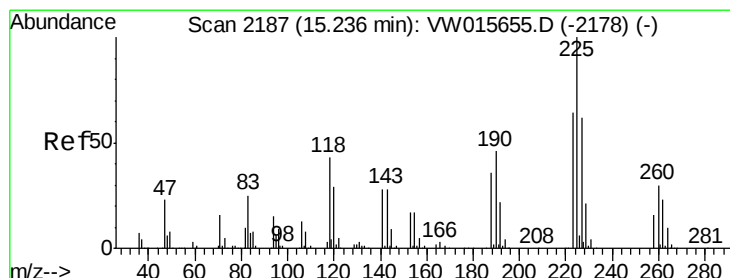
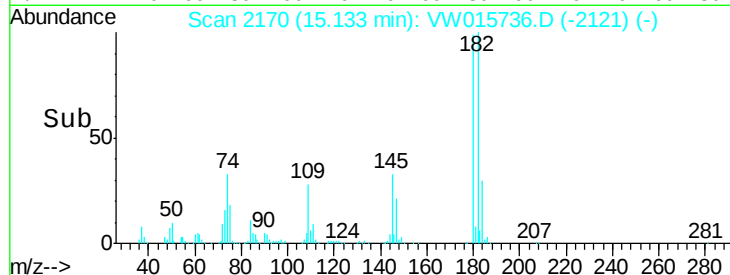
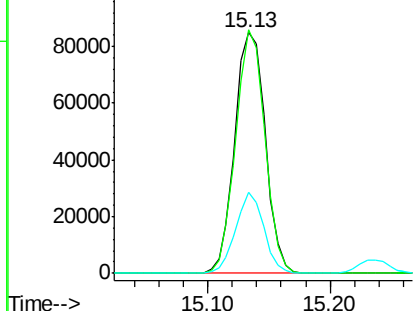


Abundance

Ion 179.80 (179.50 to 180.50): V

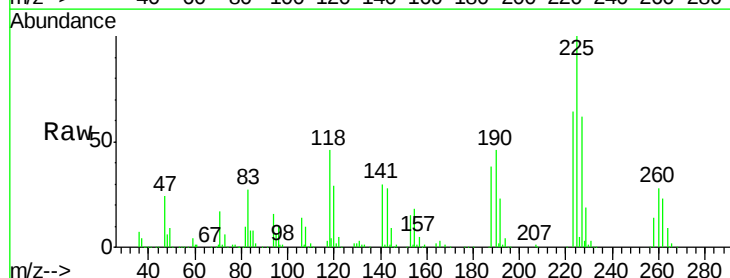
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.681 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015736.D
 Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88536		
223	64.8	31.0	93.0	
227	64.0	31.9	95.9	

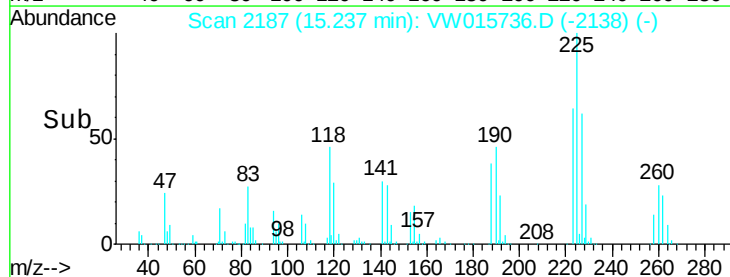
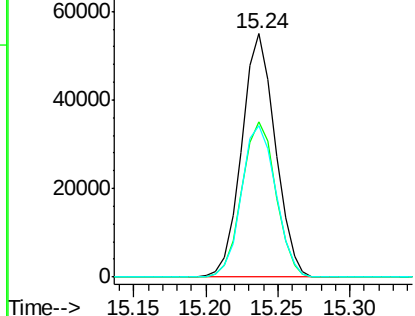


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





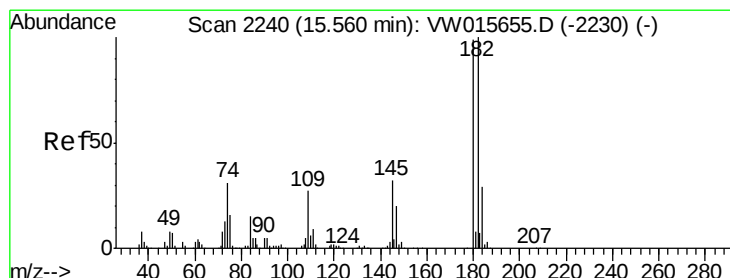
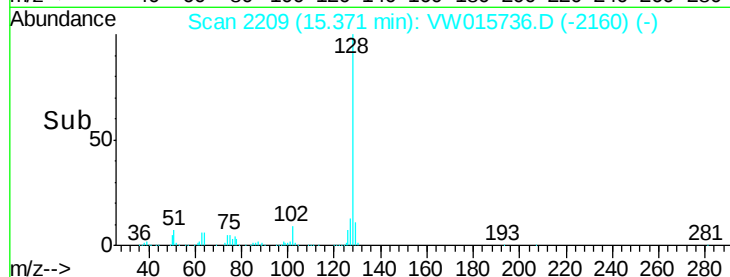
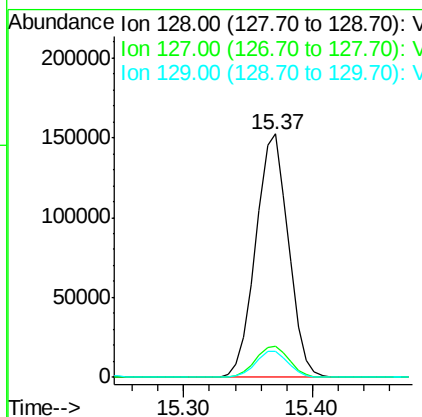
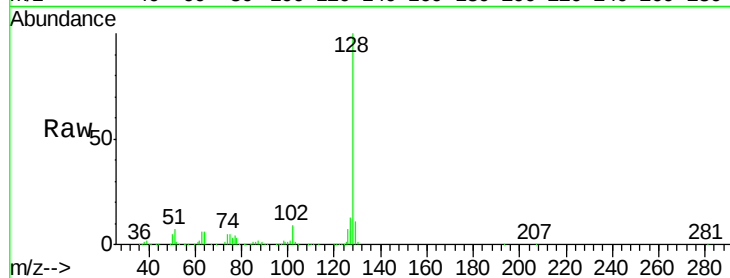
#95
Naphthalene
Concen: 55.328 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:21:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.175 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015736.D
Acq: 25 Jun 2020 18:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	49.0	147.0
145	31.8	16.4	49.2

