

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015701.D
 Acq On : 25 Jun 2020 00:12
 Operator : SY/VA
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
 APPROVED

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 6/25/2020 4:18:25 PM

Quant Time: Jun 25 03:51:29 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	168963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102319	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	89555	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.32	98	374629	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	153250	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	15741	15.625	ug/l 100
3) Chloromethane	2.21	50	30420	25.714	ug/l 100
4) Vinyl Chloride	2.36	62	44877	23.465	ug/l 100
5) Bromomethane	2.77	94	37785	26.880	ug/l 97
6) Chloroethane	2.92	64	29732	23.623	ug/l 98
7) Trichlorofluoromethane	3.26	101	26678	18.578	ug/l 93
8) Diethyl Ether	3.68	74	18625	22.458	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38960	23.017	ug/l 99
10) Methyl Iodide	4.27	142	50848	21.245	ug/l 100
11) Tert butyl alcohol	5.20	59	15799	136.467	ug/l 97
12) 1,1-Dichloroethene	4.03	96	35531	21.558	ug/l 100
13) Acrolein	3.89	56	15062	115.334	ug/l 94
14) Allyl chloride	4.67	41	51477	19.251	ug/l 99
15) Acrylonitrile	5.37	53	46478	135.831	ug/l 99
16) Acetone	4.13	43	39174	109.613	ug/l 99
17) Carbon Disulfide	4.38	76	96085	20.255	ug/l 99
18) Methyl Acetate	4.67	43	23462	29.864	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	60024	24.199	ug/l 99
20) Methylene Chloride	4.92	84	46600	24.433	ug/l 93
21) trans-1,2-Dichloroethene	5.42	96	37925	20.070	ug/l 99
22) Diisopropyl ether	6.31	45	124837	23.473	ug/l 95
23) Vinyl Acetate	6.26	43	363549	117.221	ug/l 99
24) 1,1-Dichloroethane	6.21	63	71001	21.209	ug/l 99
25) 2-Butanone	7.18	43	60899	126.081	ug/l 100
26) 2,2-Dichloropropane	7.17	77	43327	19.296	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	44150	21.719	ug/l 99
28) Bromochloromethane	7.51	49	30355	23.572	ug/l 100
29) Tetrahydrofuran	7.54	42	39243	138.258	ug/l 100
30) Chloroform	7.68	83	75714	22.053	ug/l 100
31) Cyclohexane	7.95	56	66468	20.525	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	63097	21.560	ug/l 99
36) 1,1-Dichloropropene	8.09	75	57072	19.267	ug/l 99
37) Ethyl Acetate	7.26	43	28340	25.057	ug/l 98
38) Carbon Tetrachloride	8.07	117	57222	19.928	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70411	19.625	ug/l	99
40) Benzene	8.32	78	163173	20.259	ug/l	99
41) Methacrylonitrile	7.49	41	14039	21.627	ug/l	90
42) 1,2-Dichloroethane	8.40	62	54222	21.760	ug/l	100
43) Isopropyl Acetate	8.43	43	54037	23.941	ug/l	99
44) Trichloroethene	9.09	130	43020	19.816	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41696	21.179	ug/l	99
46) Dibromomethane	9.46	93	23189	22.765	ug/l	99
47) Bromodichloromethane	9.65	83	55135	20.751	ug/l	98
48) Methyl methacrylate	9.44	41	24884	24.115	ug/l	99
49) 1,4-Dioxane	9.46	88	6332	473.855	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	142229	130.668	ug/l	99
52) Toluene	10.39	92	115418	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55365	21.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64240	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34654	24.468	ug/l	98
56) Ethyl methacrylate	10.65	69	44290	25.133	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59077	23.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104622	125.459	ug/l	99
59) 2-Hexanone	10.97	43	95413	128.757	ug/l	100
60) Dibromochloromethane	11.13	129	37961	23.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33086	24.440	ug/l	98
64) Tetrachloroethene	10.87	164	39909	18.895	ug/l	96
65) Chlorobenzene	11.66	112	129133	20.371	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45574	20.505	ug/l	98
67) Ethyl Benzene	11.73	91	236943	20.085	ug/l	99
68) m/p-Xylenes	11.84	106	183697	41.468	ug/l	99
69) o-Xylene	12.16	106	85126	20.900	ug/l	100
70) Styrene	12.18	104	146440	21.044	ug/l	98
71) Bromoform	12.35	173	21221	20.751	ug/l #	98
73) Isopropylbenzene	12.46	105	241265	19.520	ug/l	100
74) N-amyl acetate	12.27	43	53666	20.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42185	21.334	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30409m	20.576	ug/l	
77) Bromobenzene	12.75	156	54646	19.828	ug/l	97
78) n-propylbenzene	12.80	91	291232	19.575	ug/l	99
79) 2-Chlorotoluene	12.89	91	170253	20.324	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	212171	20.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10610	18.091	ug/l	89
82) 4-Chlorotoluene	12.99	91	177135	19.988	ug/l	99
83) tert-Butylbenzene	13.21	119	173323	19.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	212896	20.384	ug/l	98
85) sec-Butylbenzene	13.38	105	249855	19.757	ug/l	100
86) p-Isopropyltoluene	13.50	119	229830	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110726	20.238	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108507	20.025	ug/l	98
89) n-Butylbenzene	13.82	91	212819	19.294	ug/l	99
90) Hexachloroethane	14.09	117	38984	19.065	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100999	21.351	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6254	19.752	ug/l	97

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ClientSampleId :
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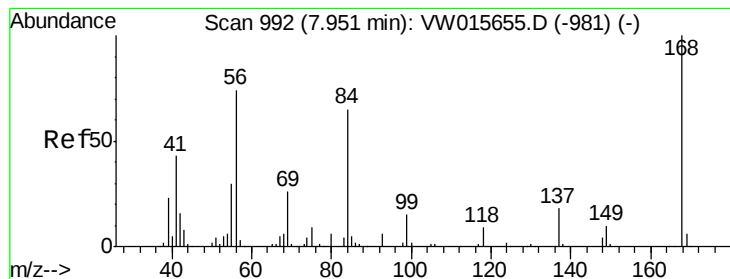
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55199	17.670	ug/l	99
94) Hexachlorobutadiene	15.24	225	35728	17.953	ug/l	98
95) Naphthalene	15.37	128	92745	17.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	46179	17.170	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion:168 Resp: 168963

Ion Ratio Lower Upper

168 100

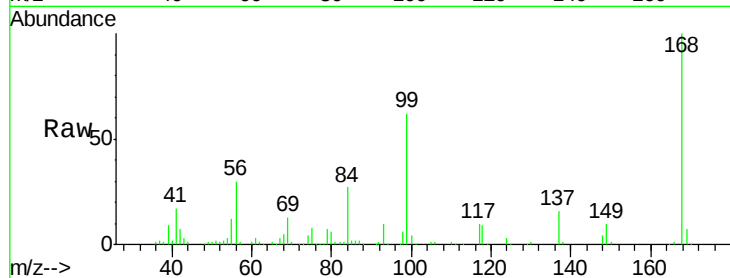
99 61.5 48.6 73.0

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

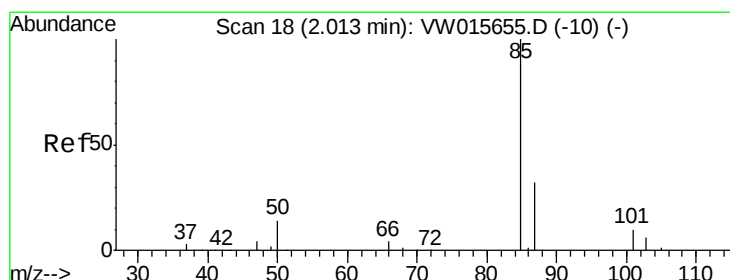
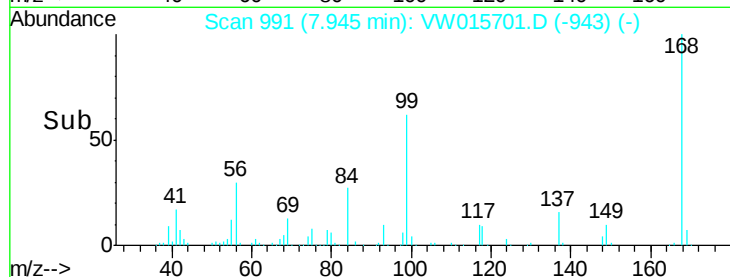
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 15.625 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW015701.D

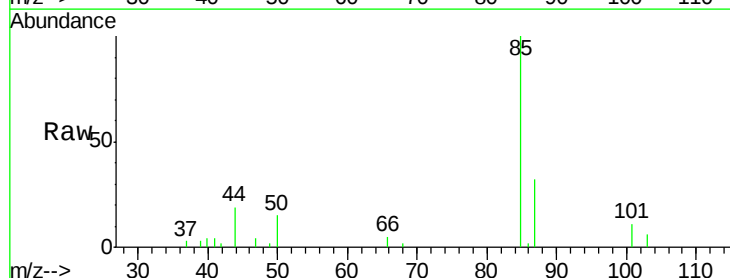
Acq: 25 Jun 2020 00:12

Tgt Ion: 85 Resp: 15741

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

6000

5000

4000

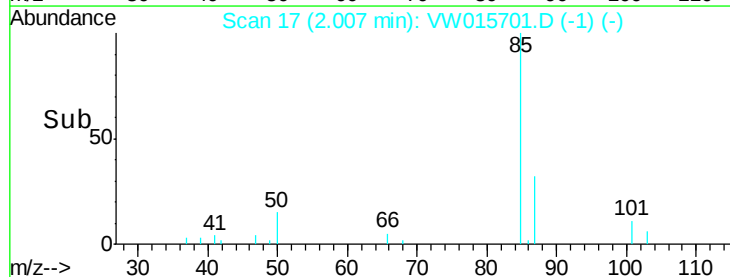
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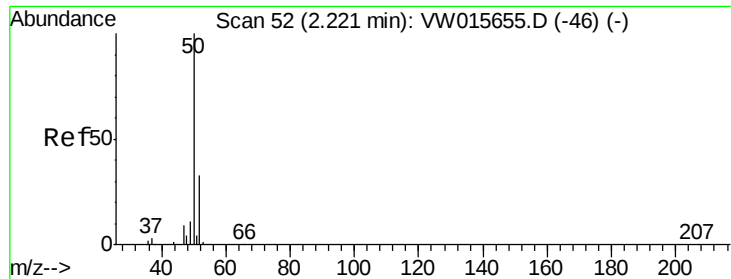
2000

1000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 25.714 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 50 Resp: 30420

Ion Ratio Lower Upper

50 100

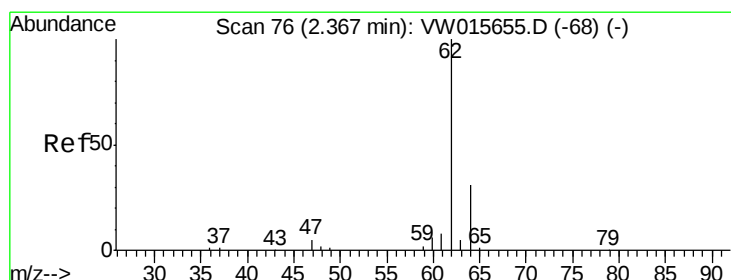
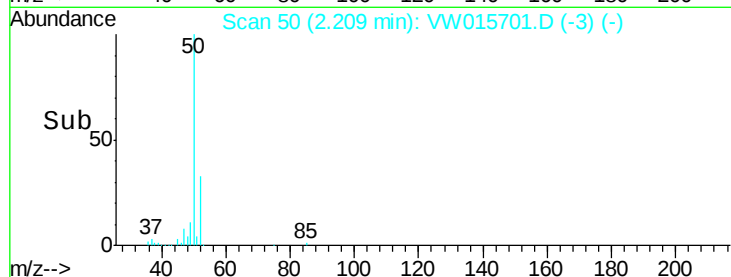
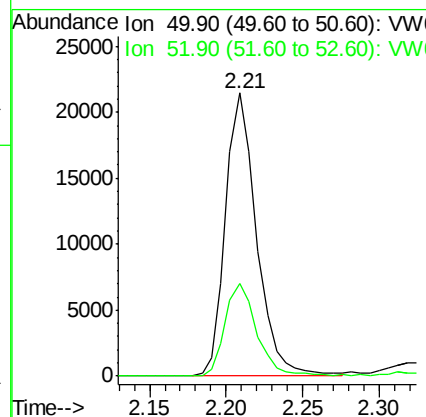
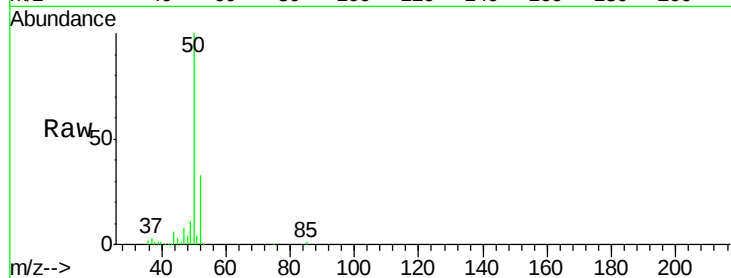
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.465 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015701.D

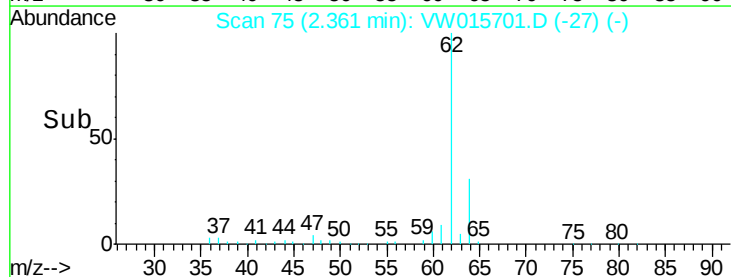
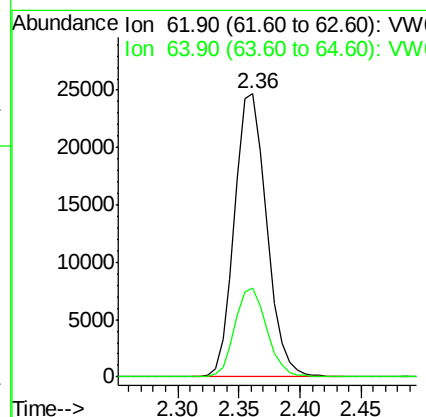
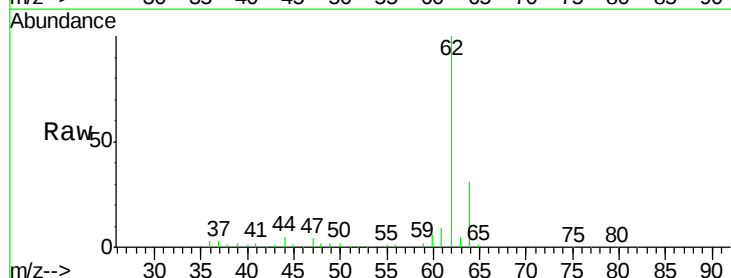
Acq: 25 Jun 2020 00:12

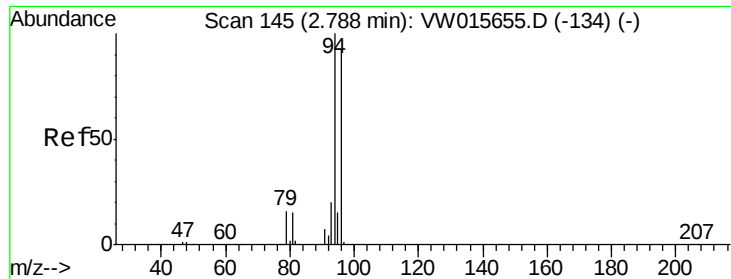
Tgt Ion: 62 Resp: 44877

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 26.880 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.02 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 94 Resp: 37785

Ion Ratio Lower Upper

94 100

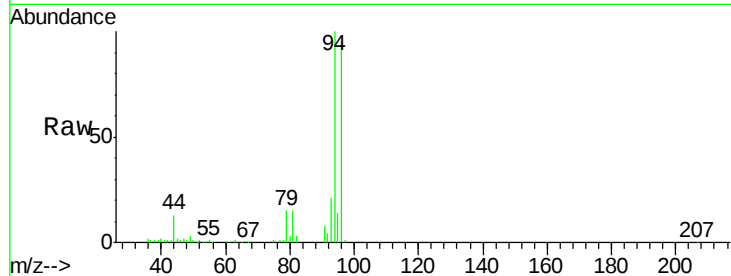
96 95.0 73.8 110.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

20000

15000

10000

5000

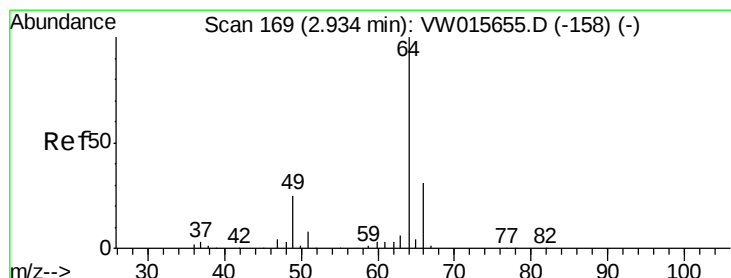
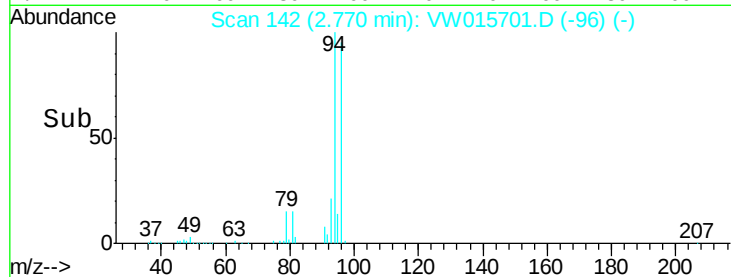
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 23.623 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.02 min

Lab File: VW015701.D

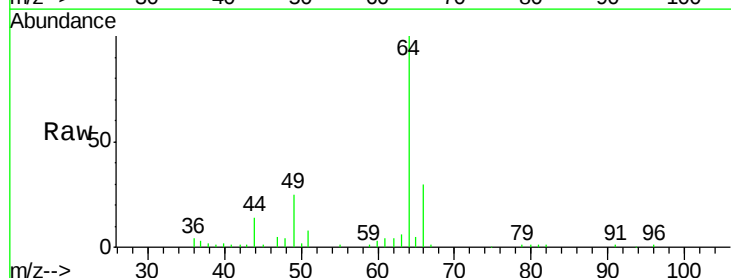
Acq: 25 Jun 2020 00:12

Tgt Ion: 64 Resp: 29732

Ion Ratio Lower Upper

64 100

66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

15000

10000

5000

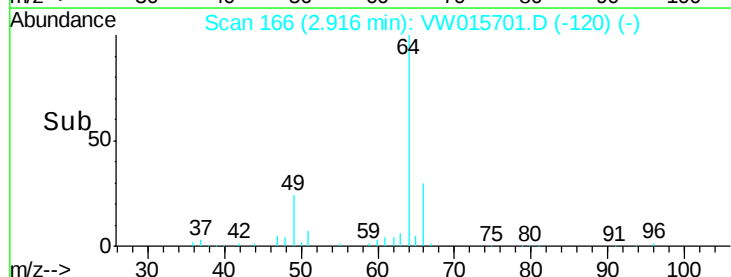
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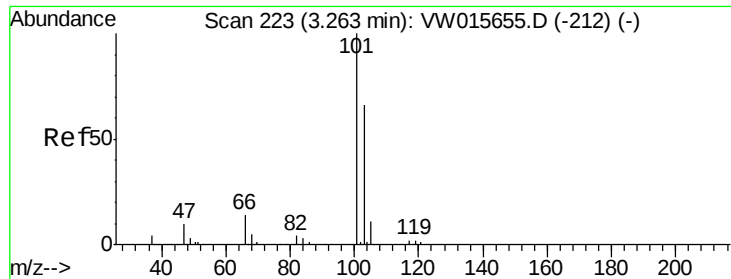
Time-->

2.80

2.90

3.00





#7

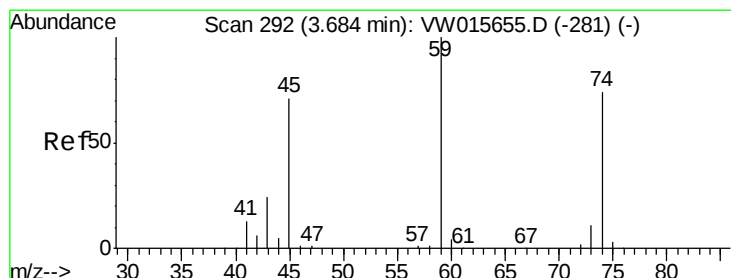
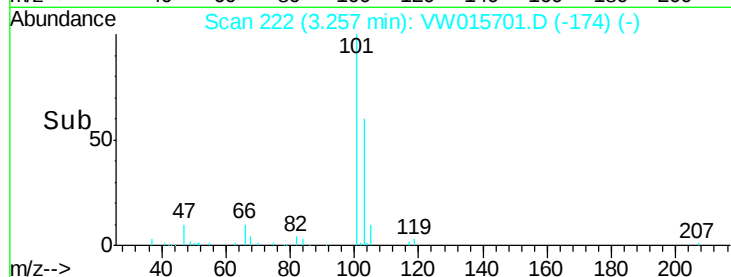
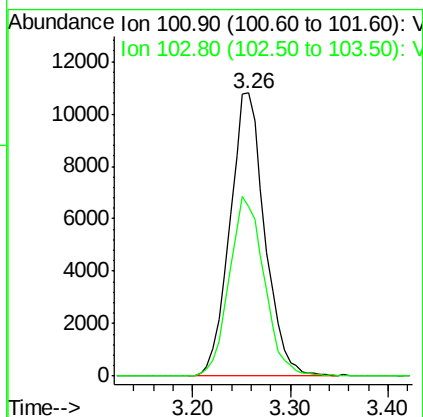
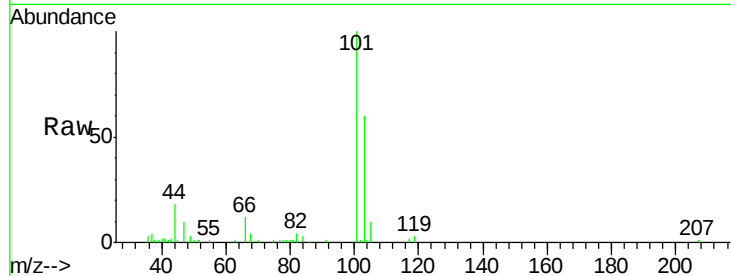
Trichlorofluoromethane
 Concen: 18.578 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

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 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.8	52.6	78.8

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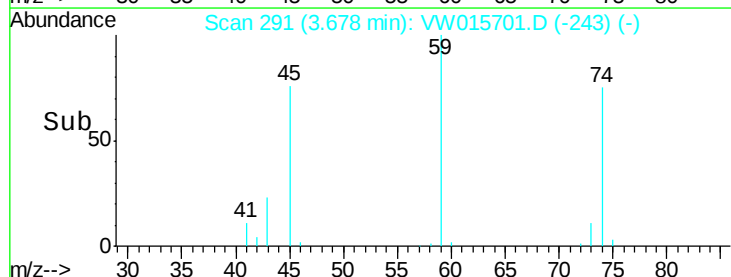
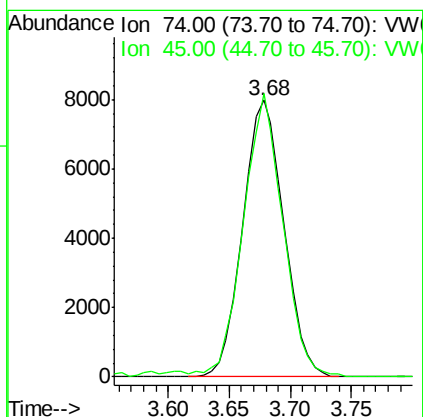
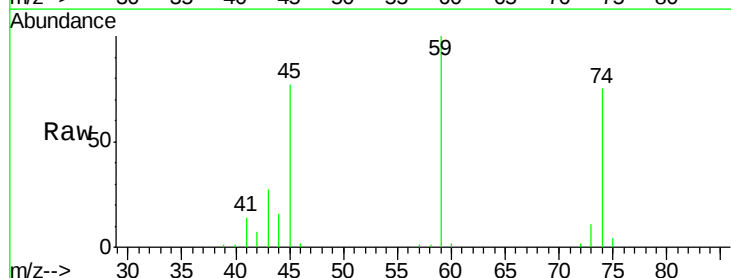
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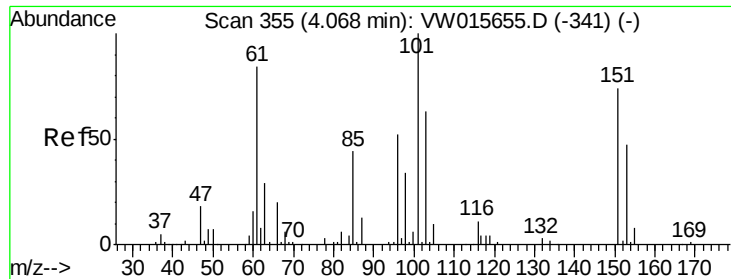


#8

Diethyl Ether
 Concen: 22.458 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.017 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

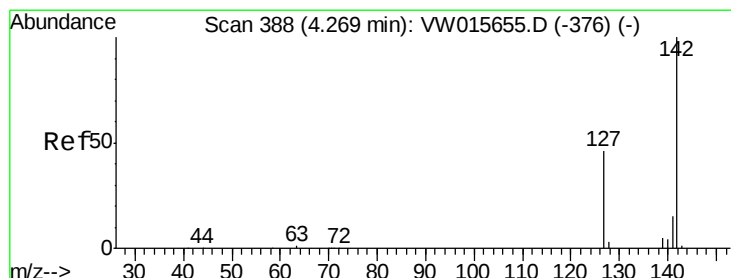
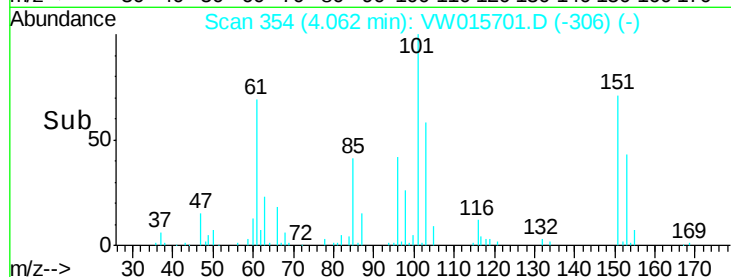
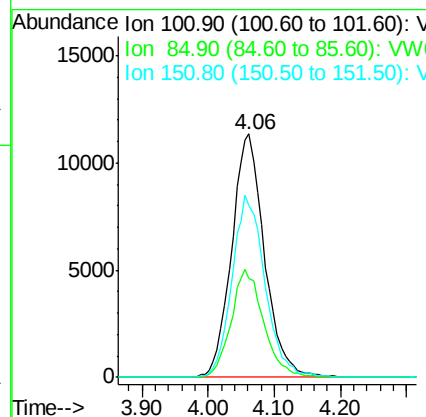
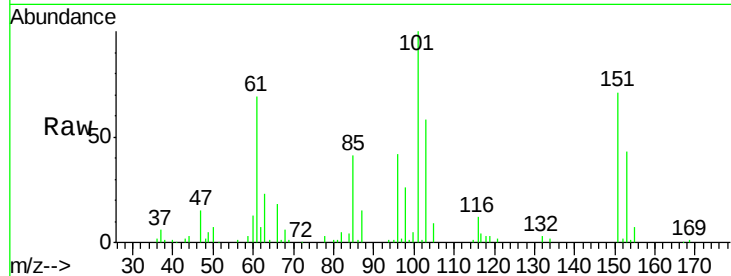
ClientSampleId :

VW0624SBS02

Tot Ion:	101	Resp:	38960
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.6	55.0
151	75.3	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 21.245 ug/l

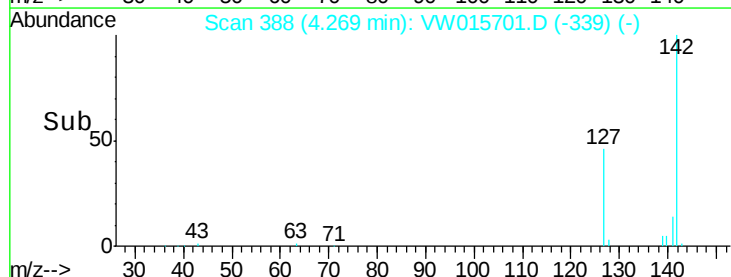
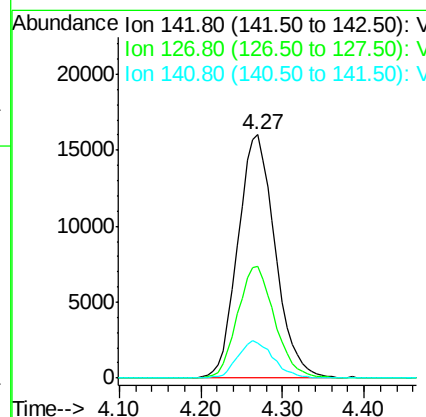
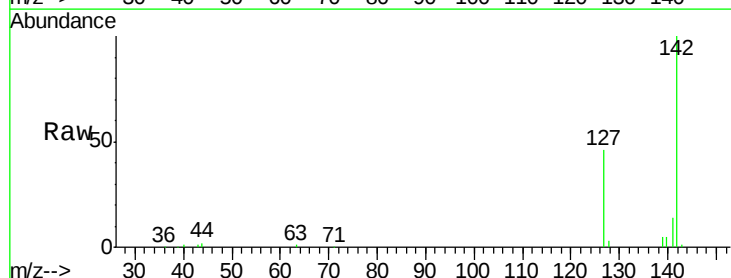
RT: 4.27 min Scan# 388

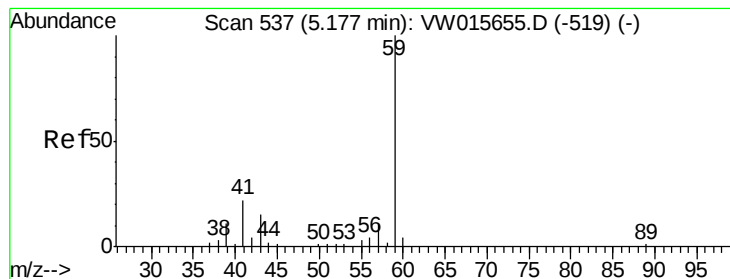
Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	142	Resp:	50848
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.4	54.6
141	14.6	11.6	17.4





#11

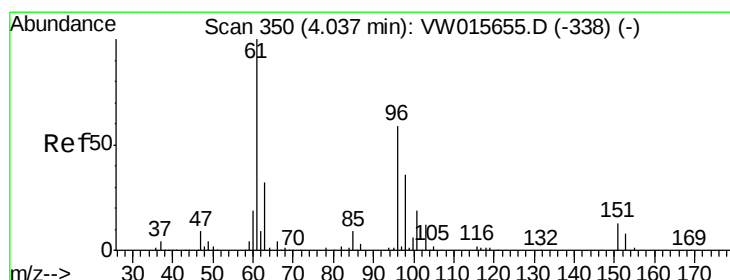
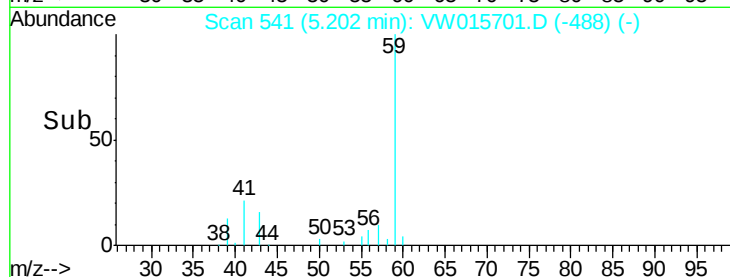
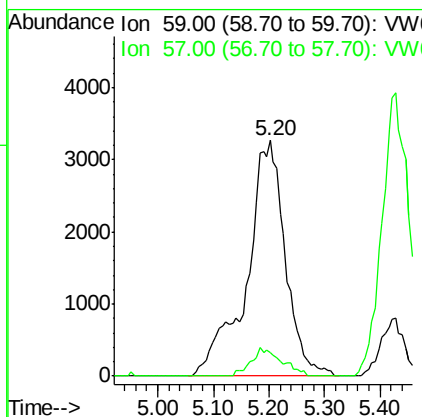
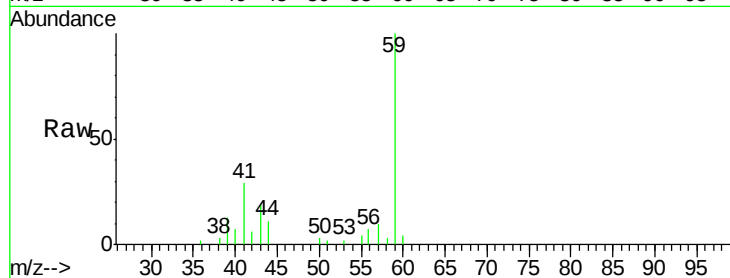
Tert butyl alcohol
Concen: 136.467 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.03 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.4	12.6

Manual Integrations
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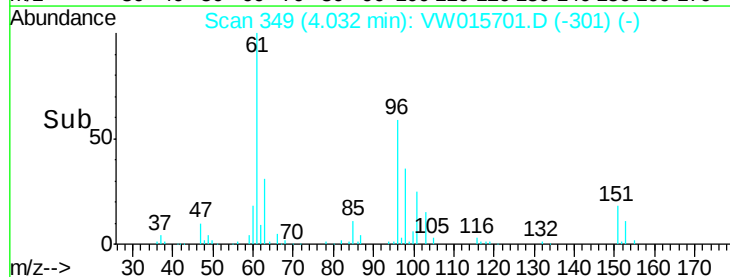
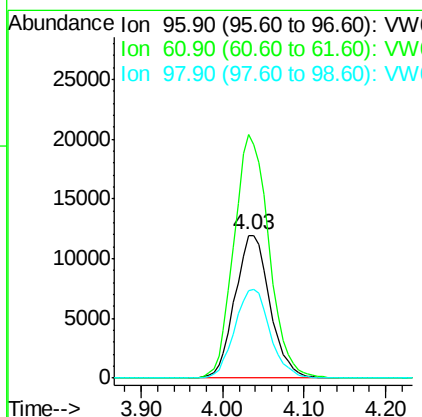
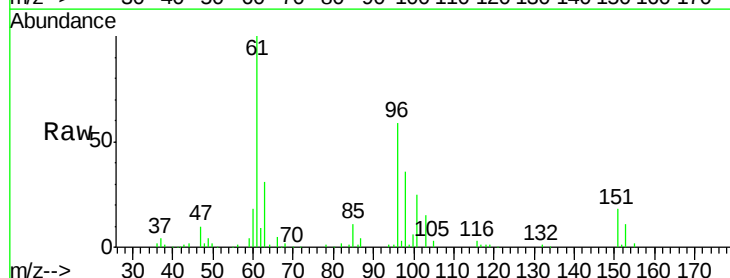
MMDadoda
6/25/2020 4:18:25 PM

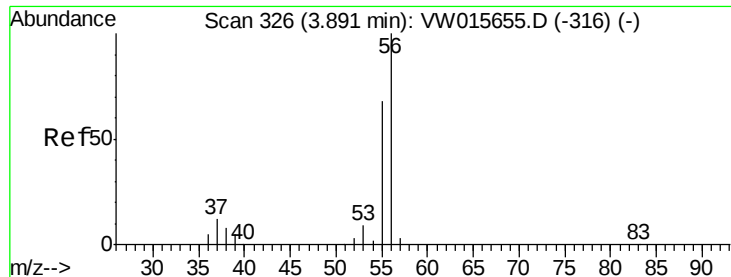


#12

1,1-Dichloroethene
Concen: 21.558 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	136.7	205.1
98	61.2	49.2	73.8





#13

Acrolein

Concen: 115.334 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 56 Resp: 15062

Ion Ratio Lower Upper

56 100

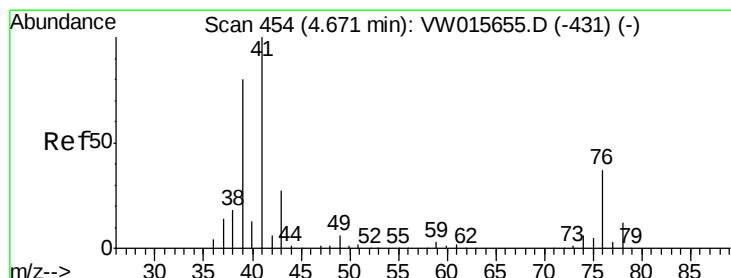
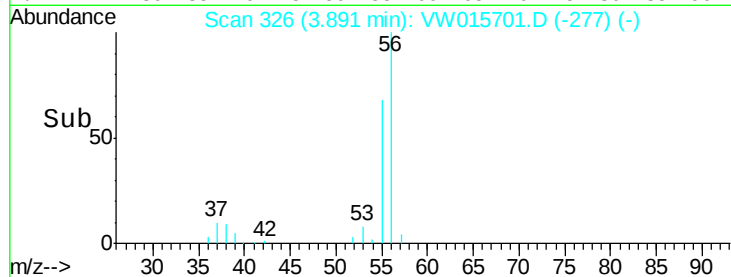
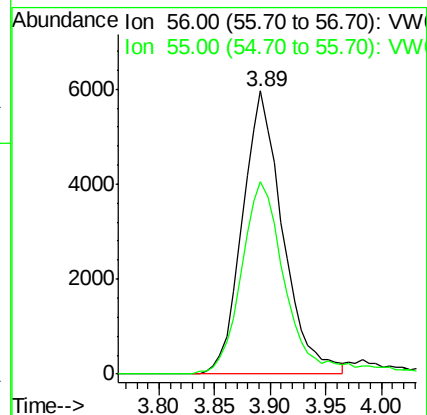
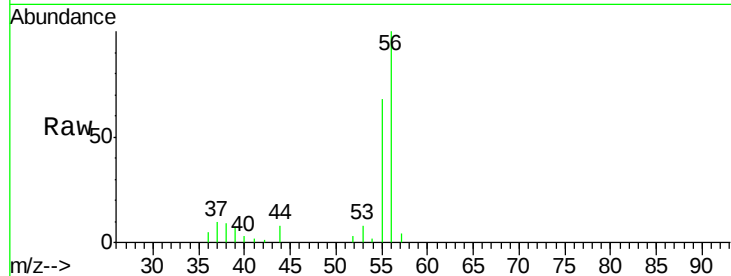
55 75.0 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.251 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

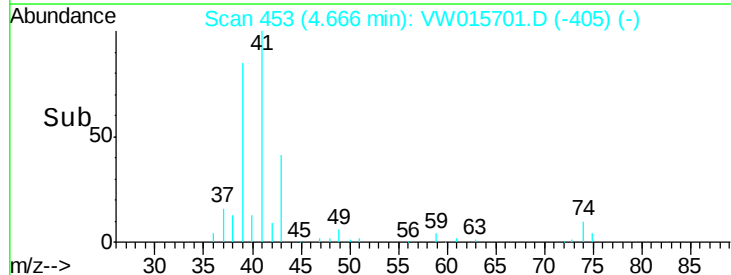
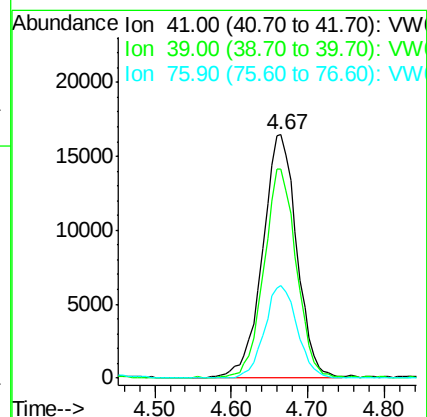
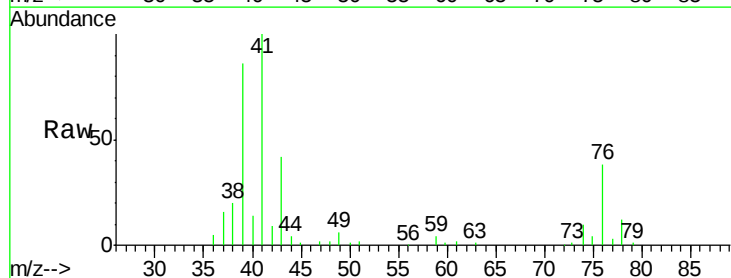
Tgt Ion: 41 Resp: 51477

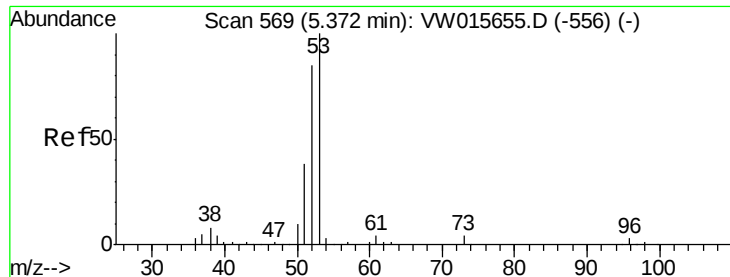
Ion Ratio Lower Upper

41 100

39 81.3 64.6 97.0

76 36.1 29.1 43.7





#15

Acrylonitrile

Concen: 135.831 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

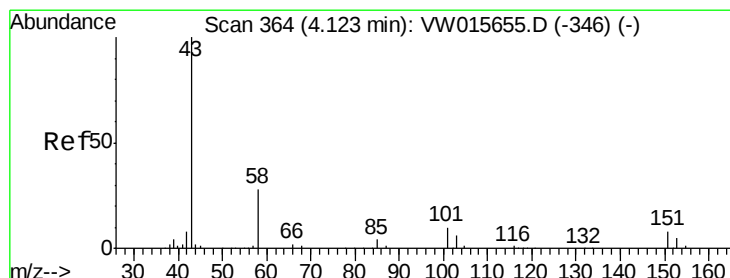
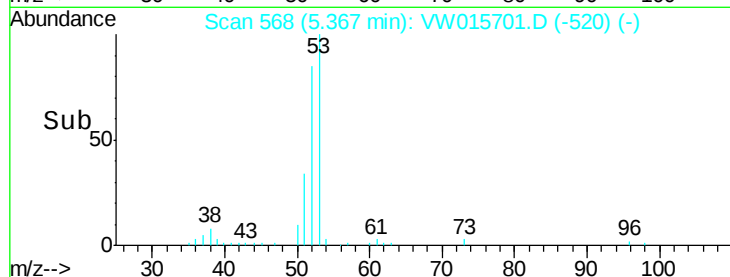
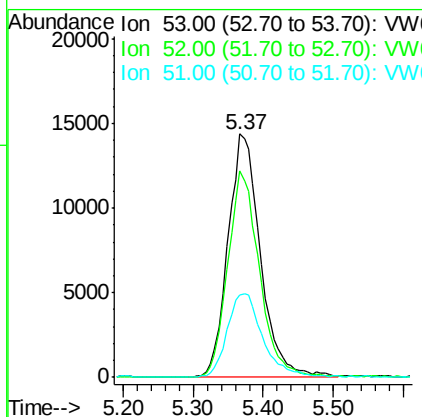
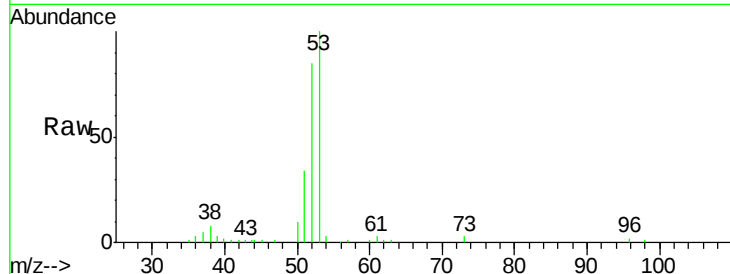
ClientSampleId :

VW0624SBS02

Tot Ion:	53	Resp:	46478
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	37.7	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 109.613 ug/l

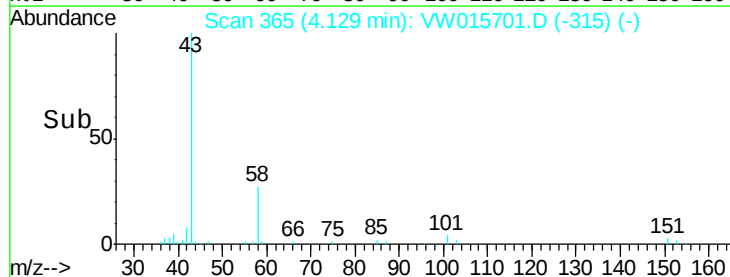
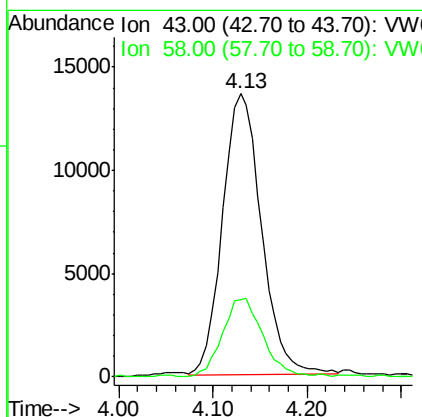
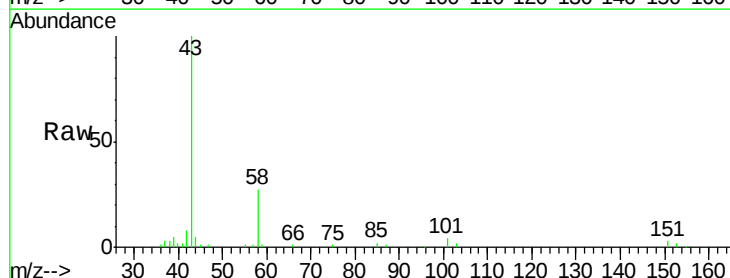
RT: 4.13 min Scan# 365

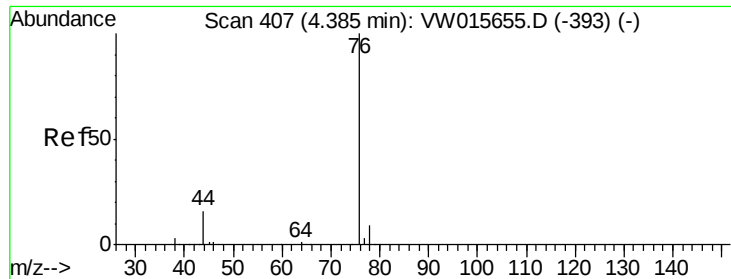
Delta R.T. 0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	43	Resp:	39174
Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.6	33.8





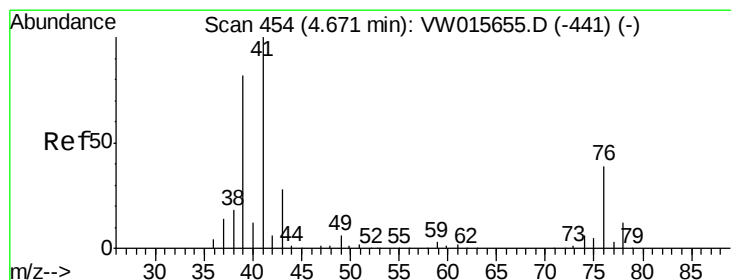
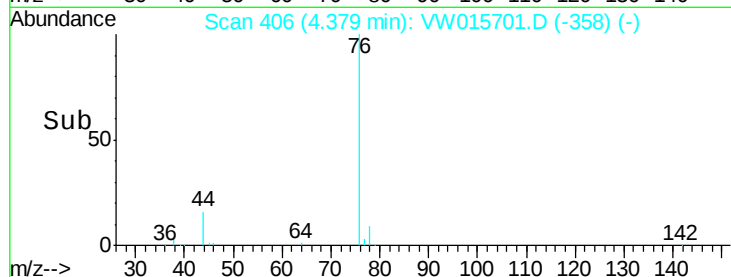
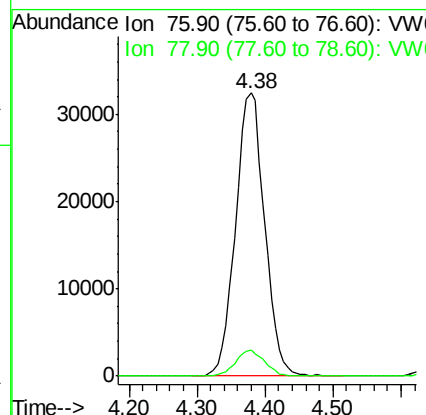
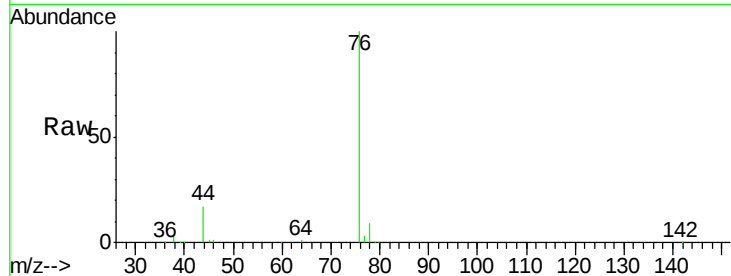
#17
Carbon Disulfide
Concen: 20.255 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

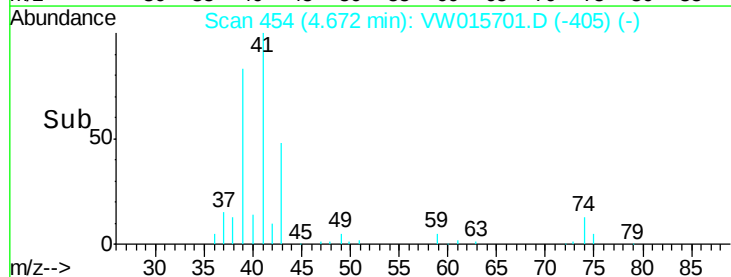
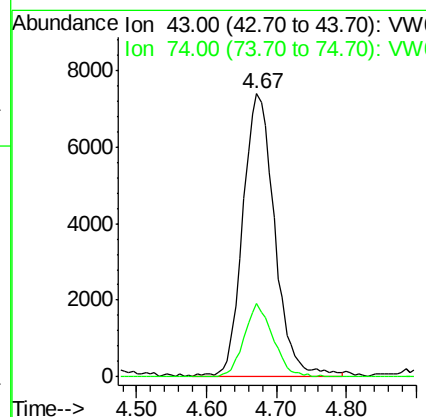
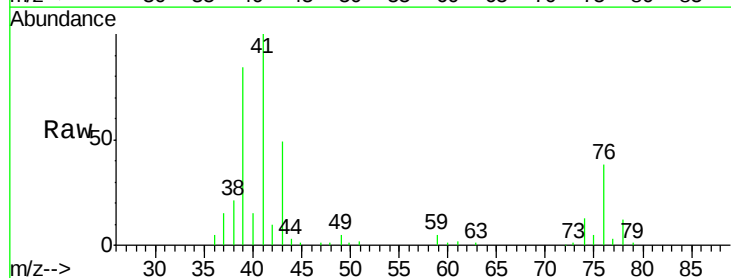
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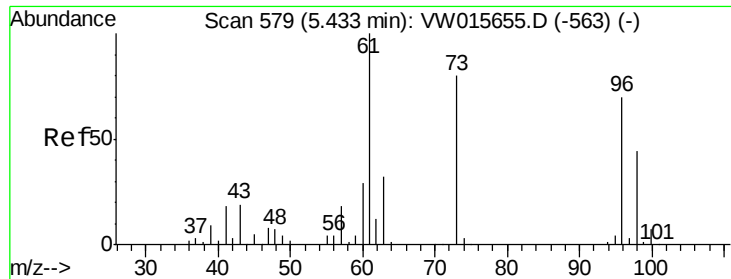
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#18
Methyl Acetate
Concen: 29.864 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.0	28.6





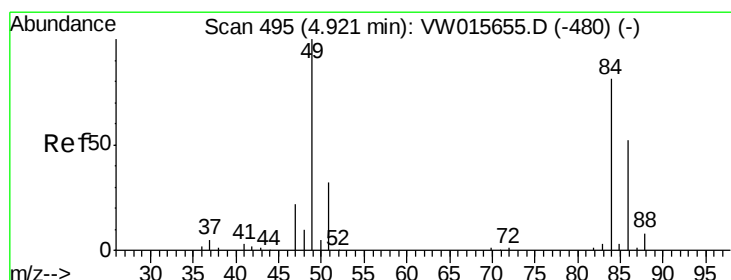
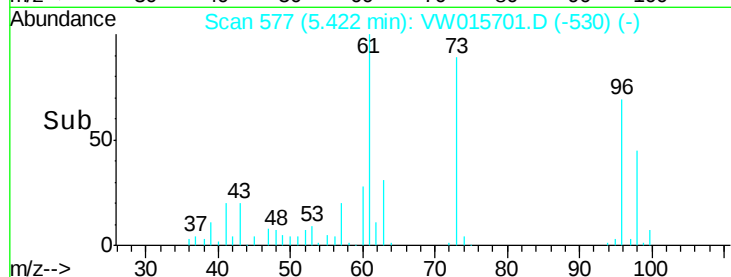
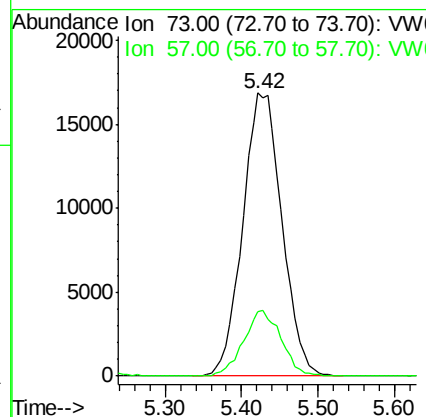
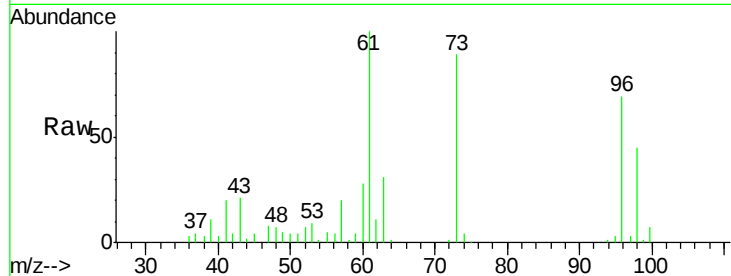
#19
Methvl tert-butvl Ether
Concen: 24.199 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 73 Resp: 60024
Ion Ratio Lower Upper
73 100
57 22.9 18.1 27.1

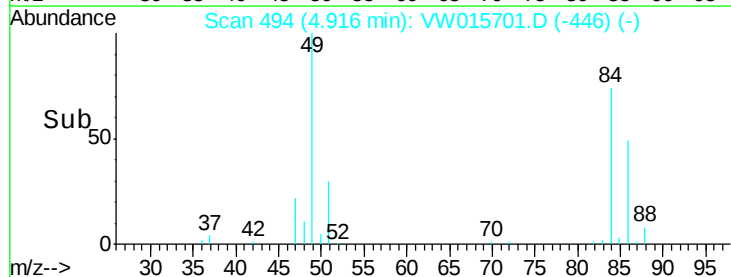
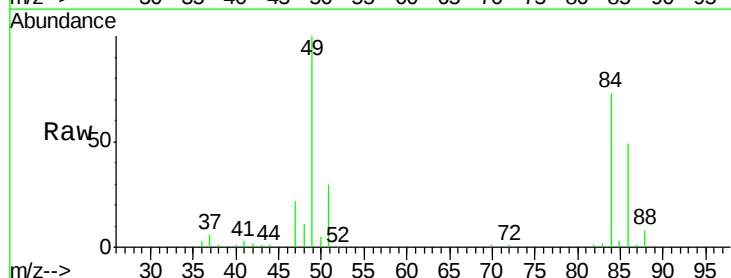
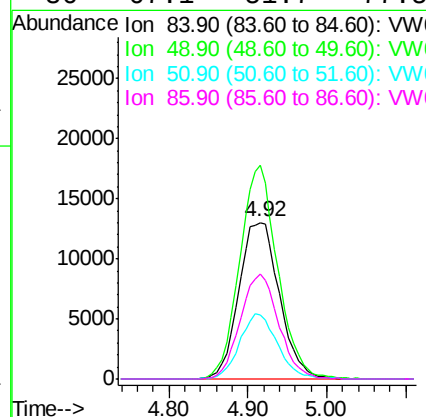
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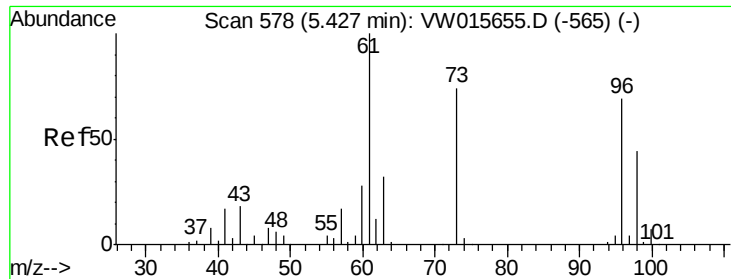
MMDadoda
6/25/2020 4:18:25 PM



#20
Methylene Chloride
Concen: 24.433 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 84 Resp: 46600
Ion Ratio Lower Upper
84 100
49 136.4 99.3 148.9
51 40.6 31.8 47.6
86 67.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

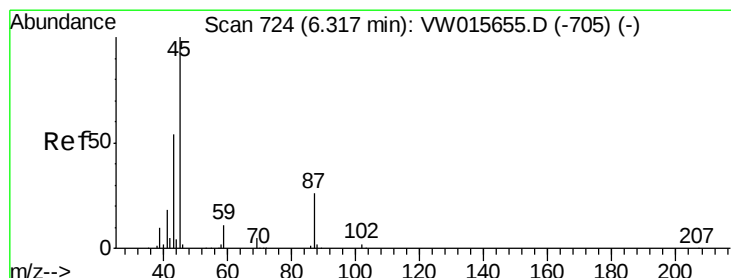
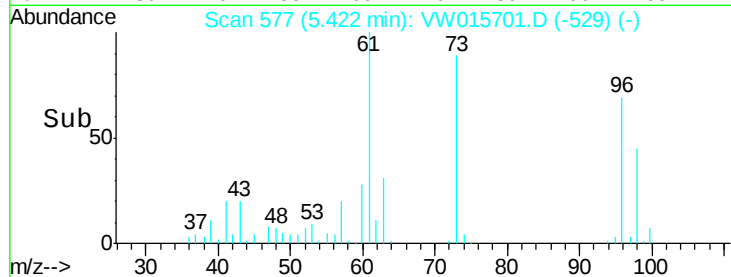
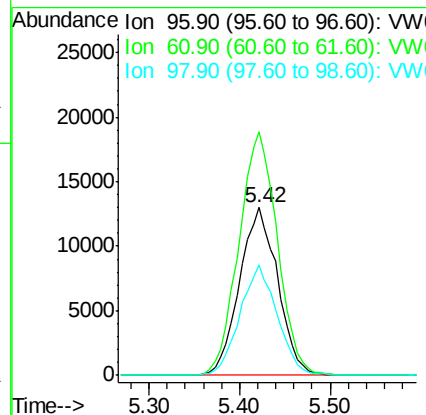
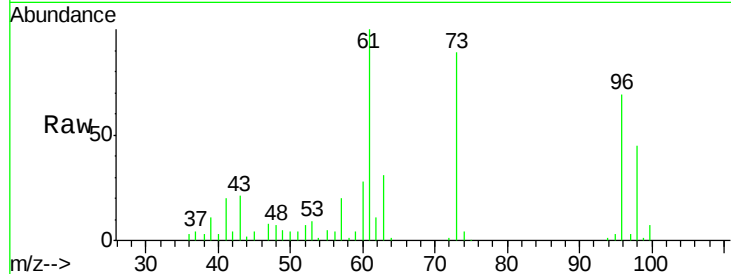
ClientSampleId :

VW0624SBSD02

Tot Ion:	96	Resp:	37925
Ion	Ratio	Lower	Upper
96	100		
61	144.9	116.2	174.2
98	65.4	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.473 ug/l

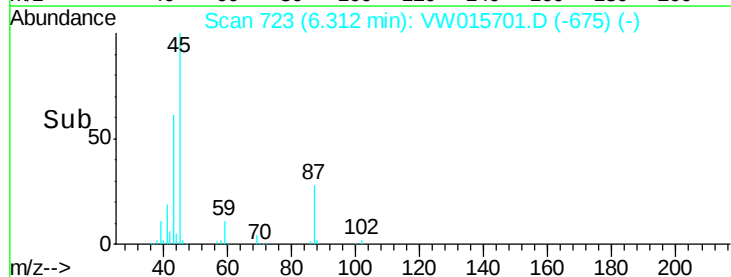
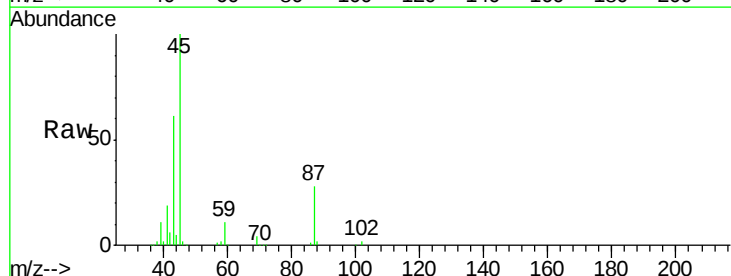
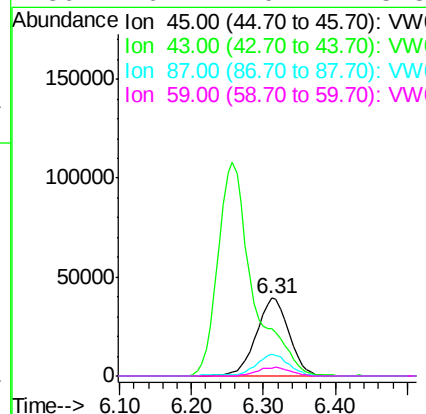
RT: 6.31 min Scan# 723

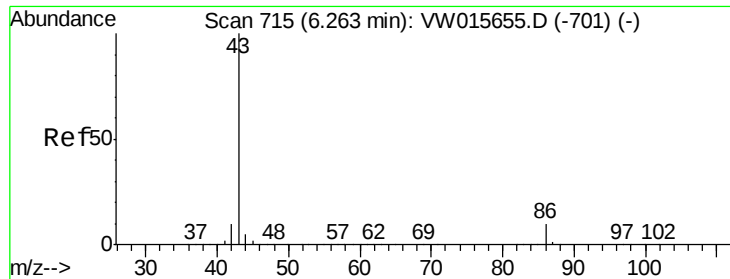
Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	45	Resp:	124837
Ion	Ratio	Lower	Upper
45	100		
43	60.0	43.9	65.9
87	27.7	21.2	31.8
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 117.221 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 43 Resp: 363549

Ion Ratio Lower Upper

43 100

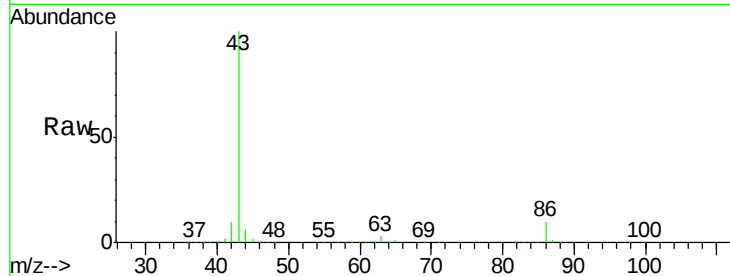
86 10.1 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

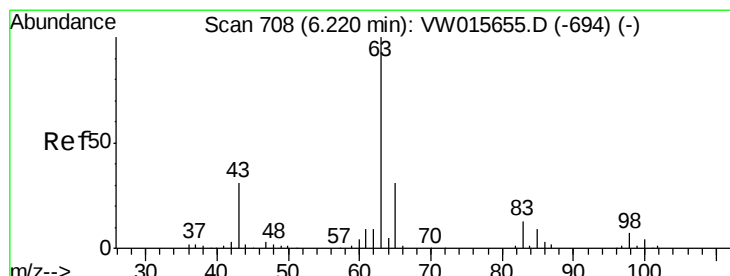
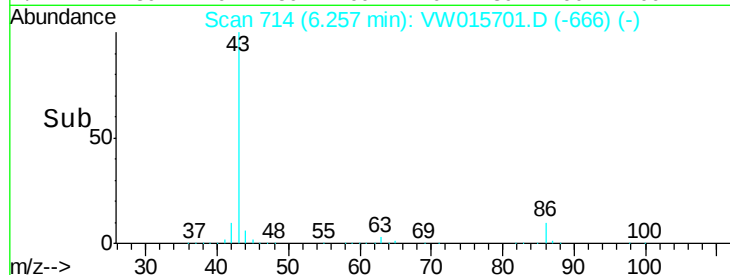
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.209 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

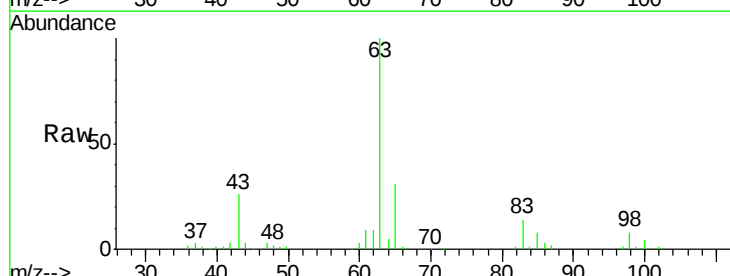
Tgt Ion: 63 Resp: 71001

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.1 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

6.21

30000

25000

20000

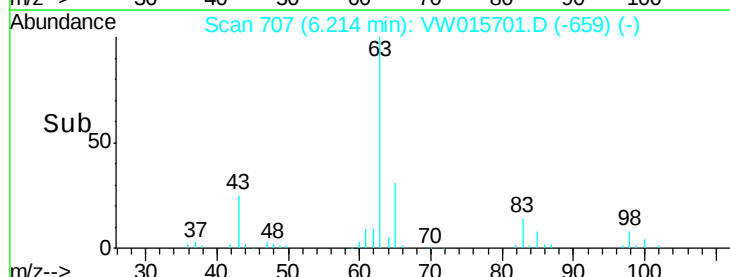
15000

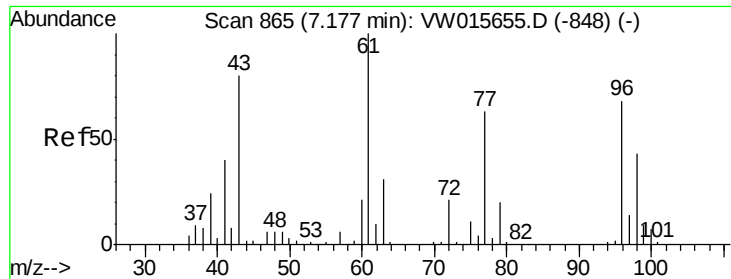
10000

5000

0

Time-->





#25

2-Butanone

Concen: 126.081 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS02

Tot Ion: 43 Resp: 60899

Ion Ratio Lower Upper

43 100

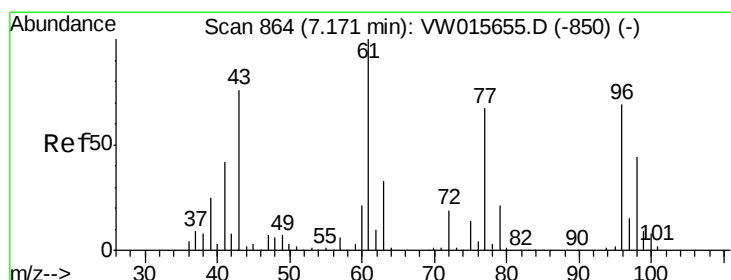
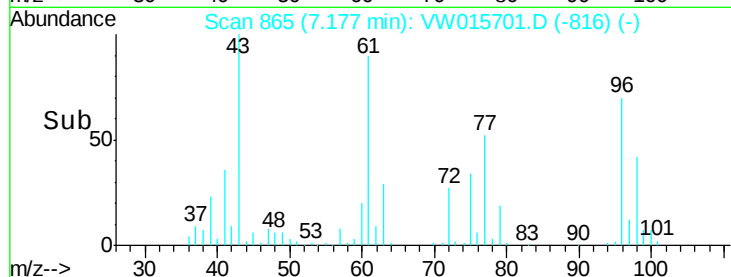
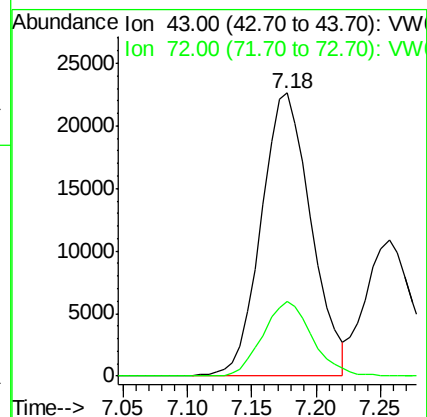
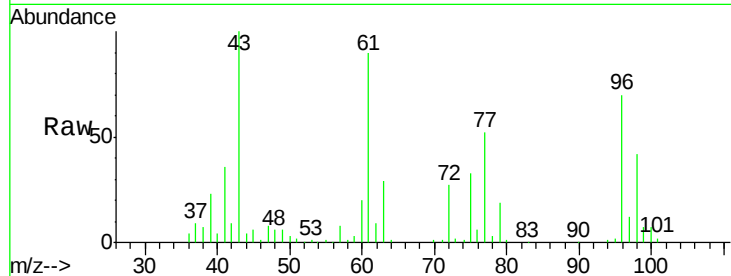
72 26.6 21.1 31.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.296 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015701.D

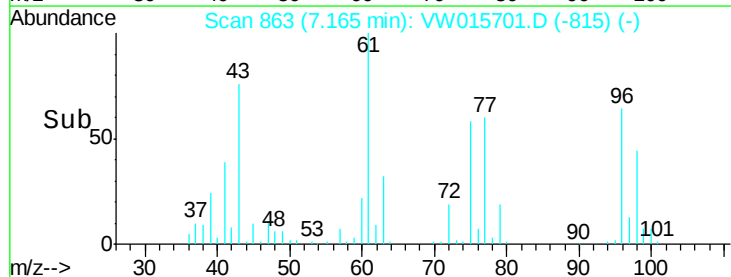
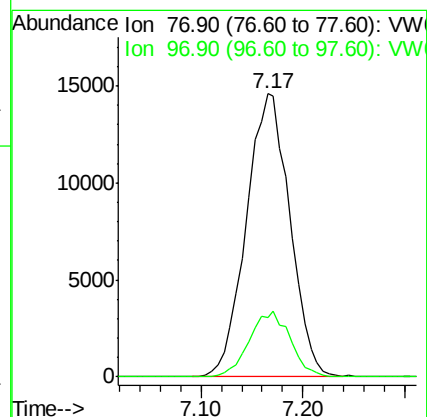
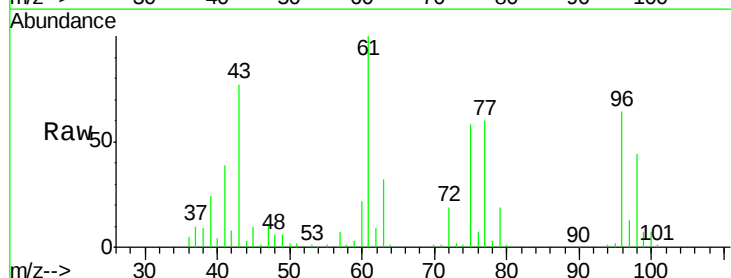
Acq: 25 Jun 2020 00:12

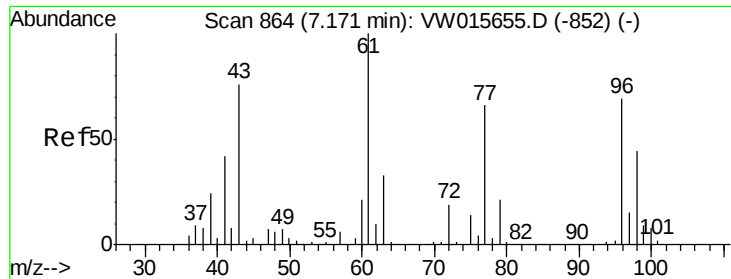
Tgt Ion: 77 Resp: 43327

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.5





#27

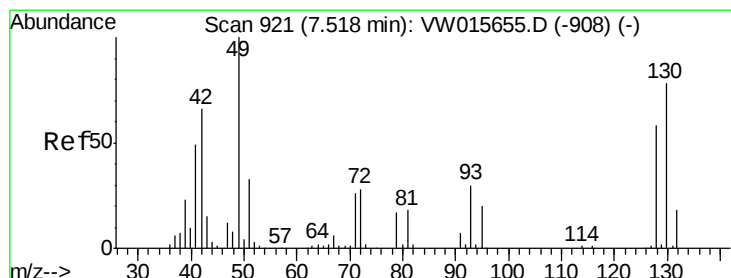
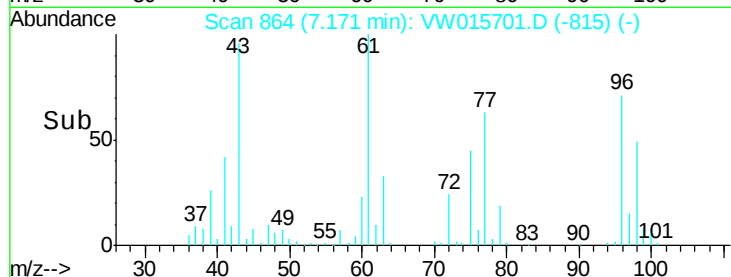
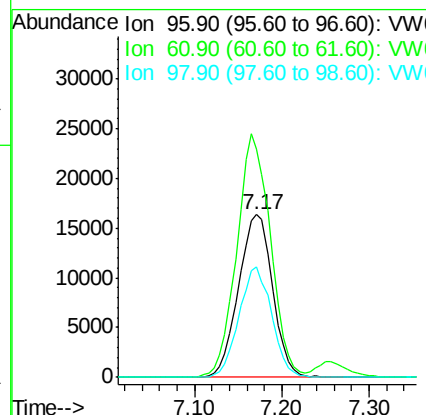
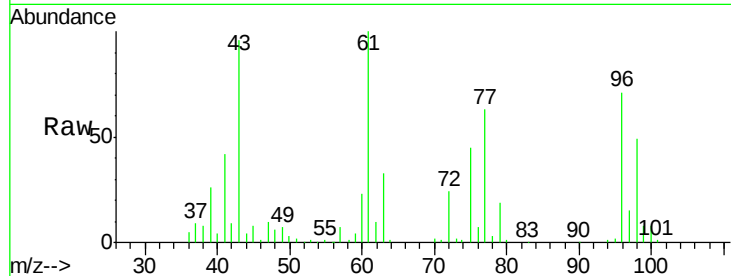
cis-1,2-Dichloroethene
 Concen: 21.719 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	296.8
98	65.3	0.0	128.0

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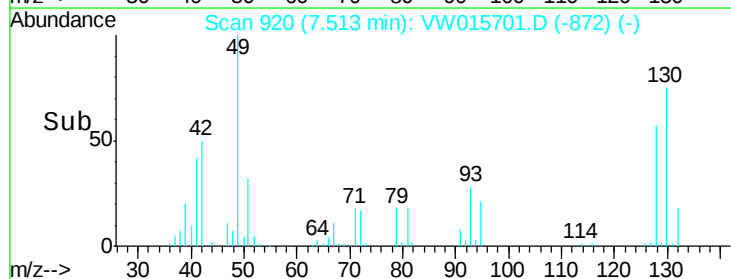
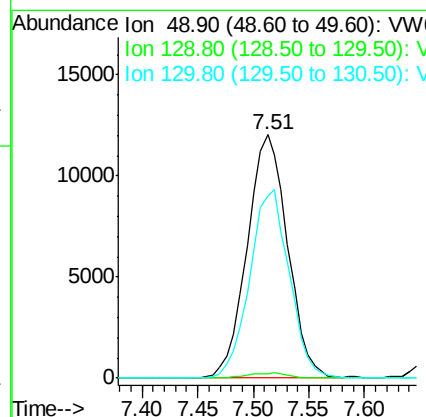
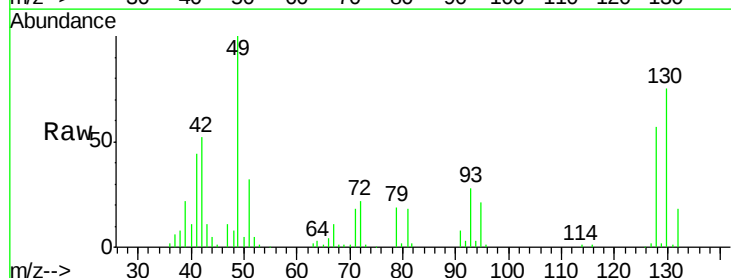
MMDadoda
 6/25/2020 4:18:25 PM



#28

Bromochloromethane
 Concen: 23.572 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	75.9	61.0	91.4





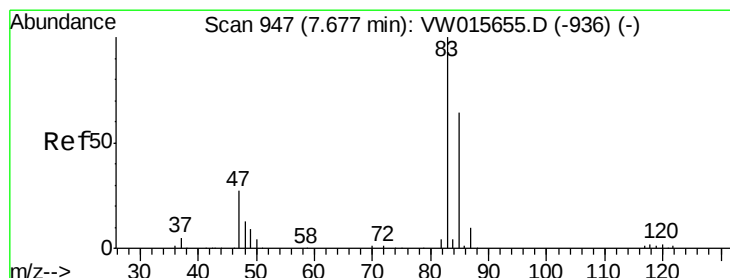
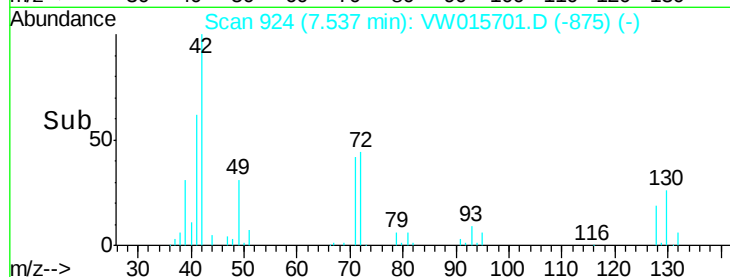
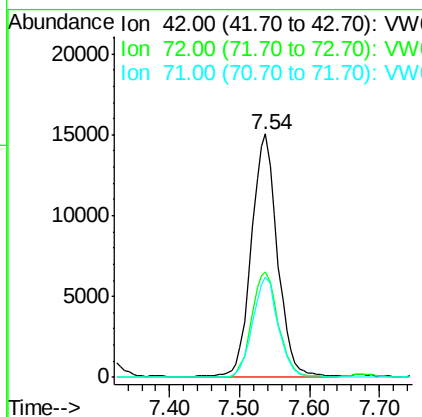
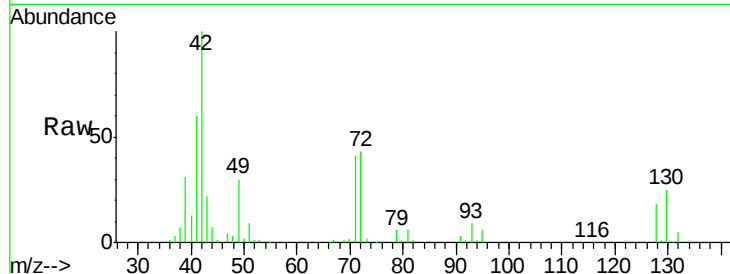
#29
Tetrahydrofuran
Concen: 138.258 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.0	52.6
71	40.2	32.6	49.0

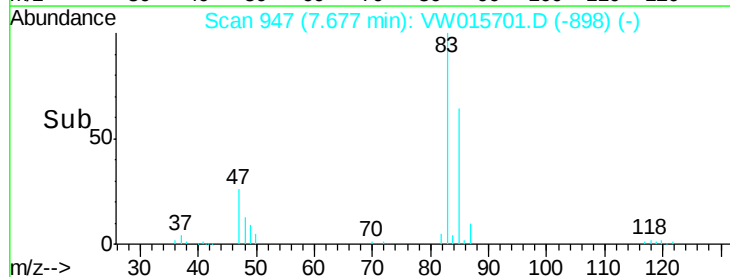
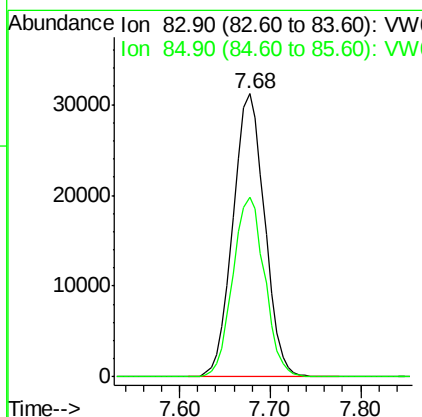
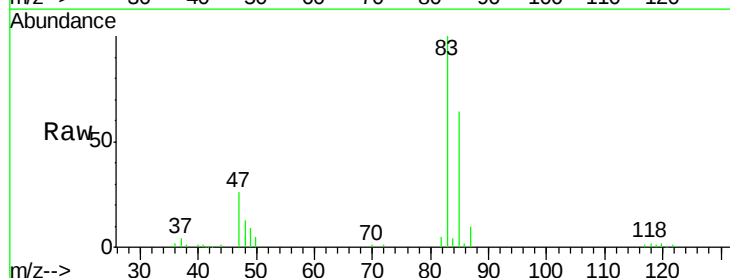
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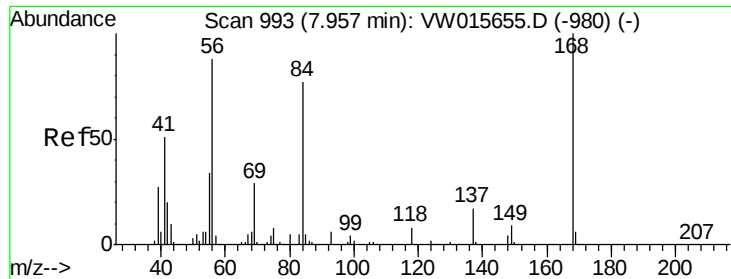
MMDadoda
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#30
Chloroform
Concen: 22.053 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.4





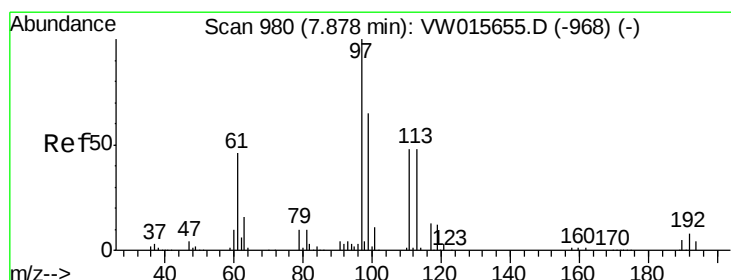
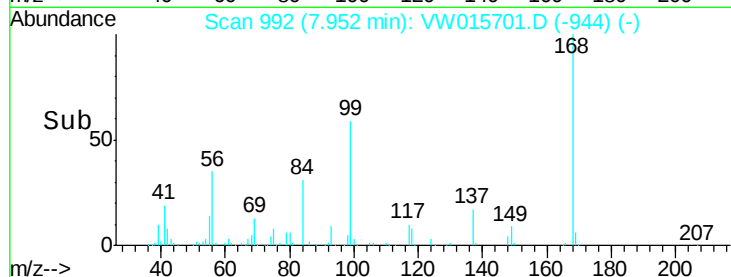
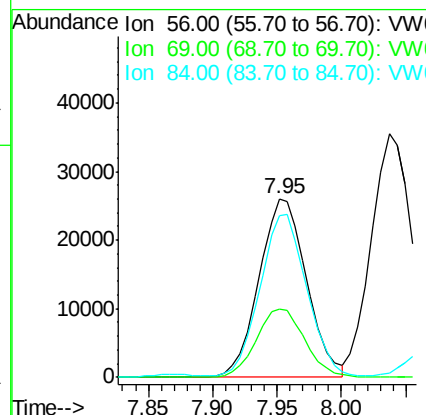
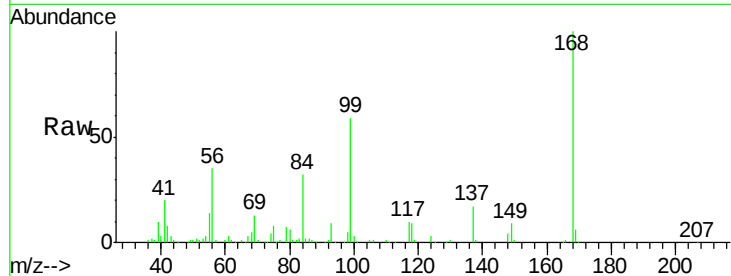
#31
Cyclohexane
Concen: 20.525 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.5	26.2	39.4
84	89.6	70.4	105.6

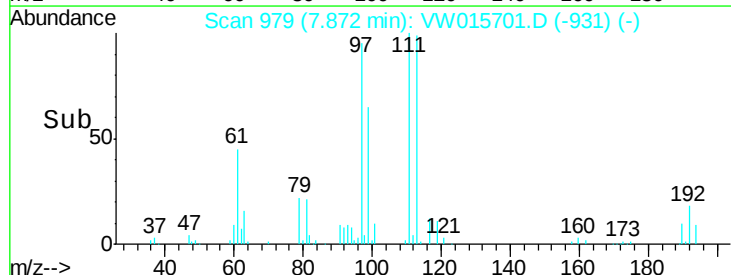
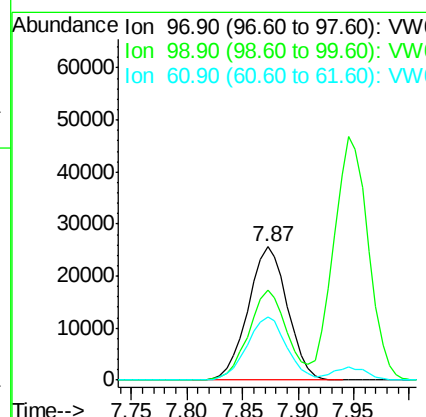
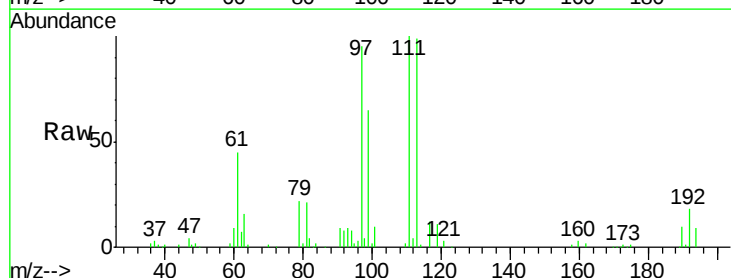
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#32
1,1,1-Trichloroethane
Concen: 21.560 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.9	77.9
61	47.4	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 54.427 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS02

Tot Ion: 65 Resp: 102319

Ion Ratio Lower Upper

65 100

67 50.8

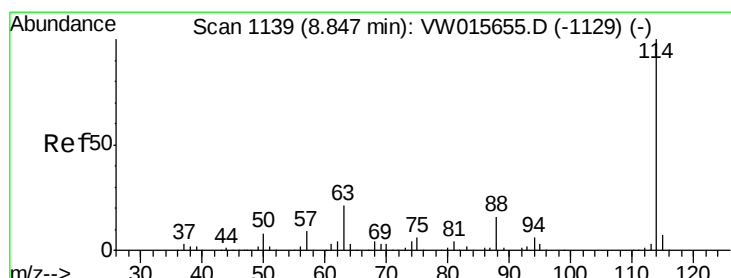
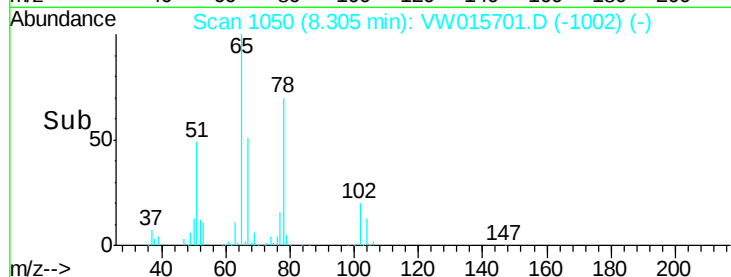
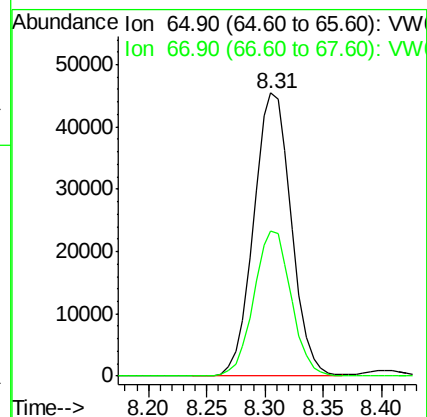
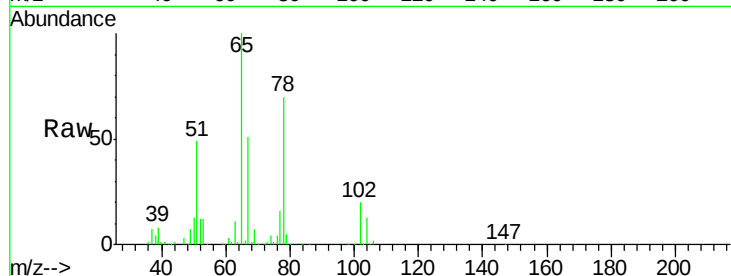
0.0 102.2

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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: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion: 114 Resp: 284801

Ion Ratio Lower Upper

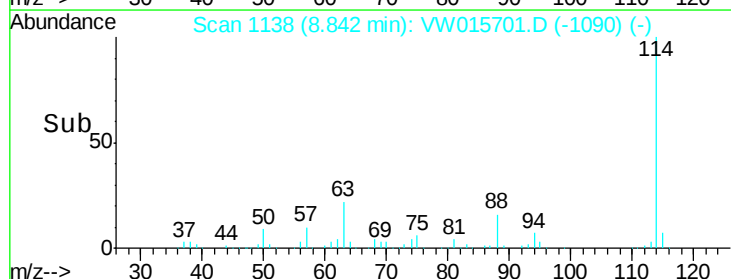
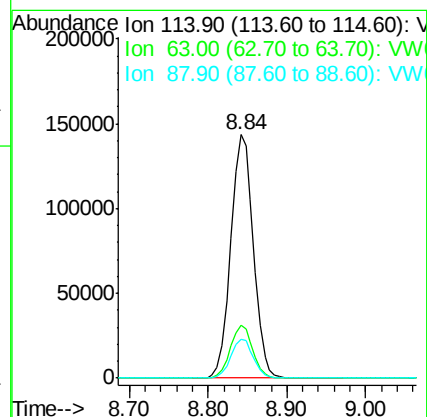
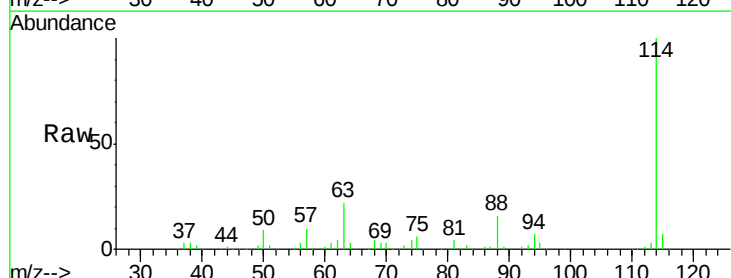
114 100

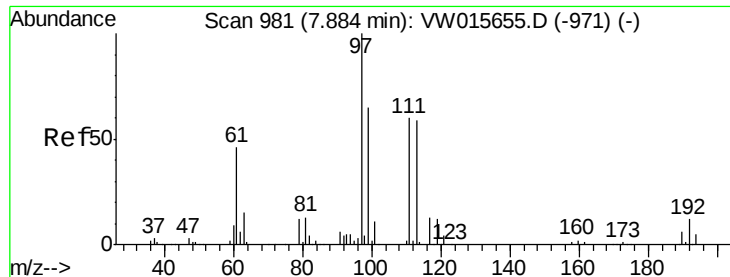
63 21.7

88 16.2

0.0 42.4

0.0 32.6





#35

Dibromofluoromethane

Concen: 49.989 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

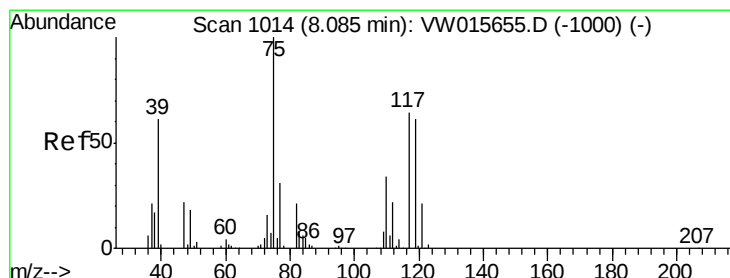
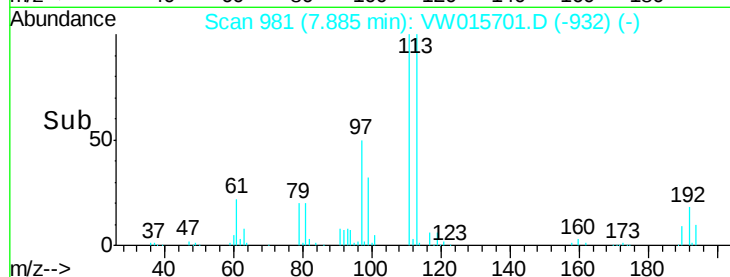
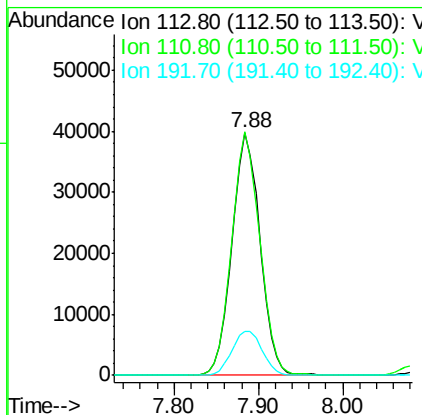
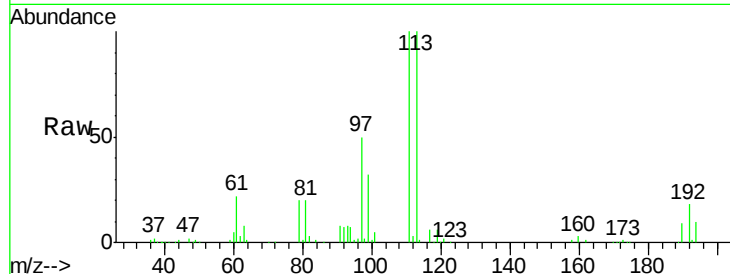
ClientSampleId :

VW0624SBSD02

Tot Ion:	113	Resp:	89555
Ion Ratio	Lower	Upper	
113	100		
111	100.7	82.3	123.5
192	19.6	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 19.267 ug/l

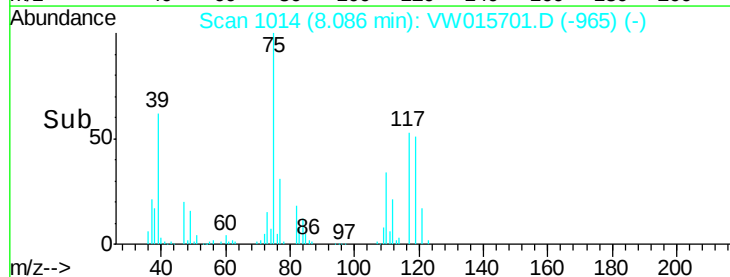
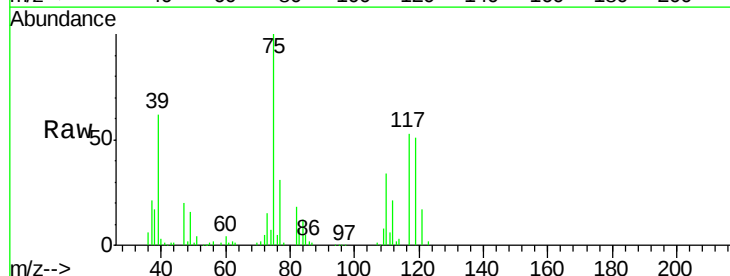
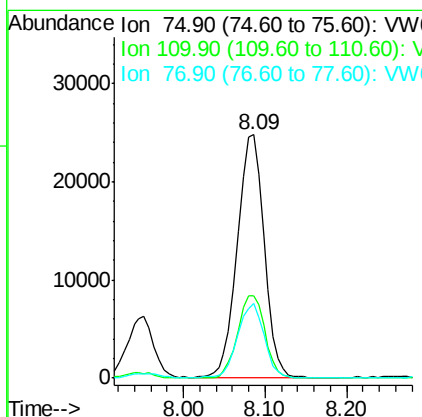
RT: 8.09 min Scan# 1014

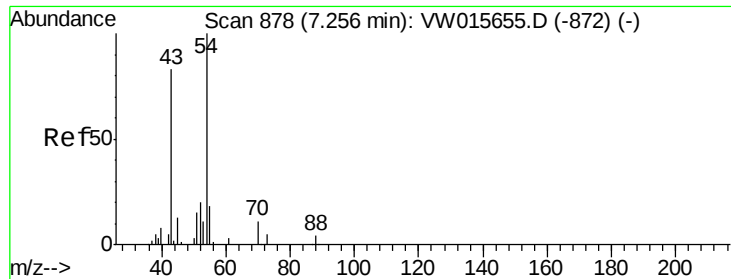
Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	75	Resp:	57072
Ion Ratio	Lower	Upper	
75	100		
110	34.1	17.0	51.0
77	30.2	24.6	36.8





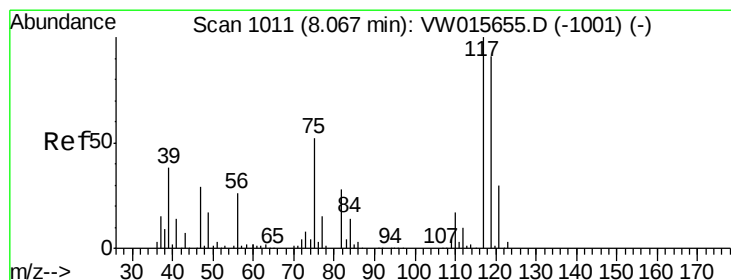
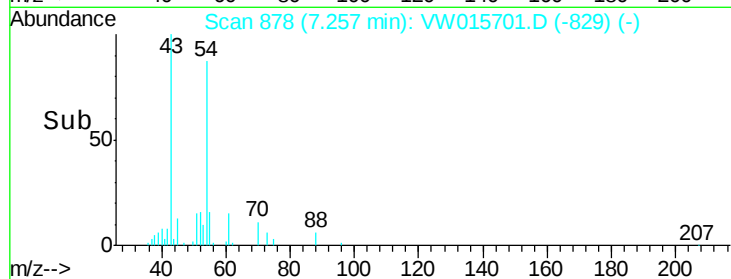
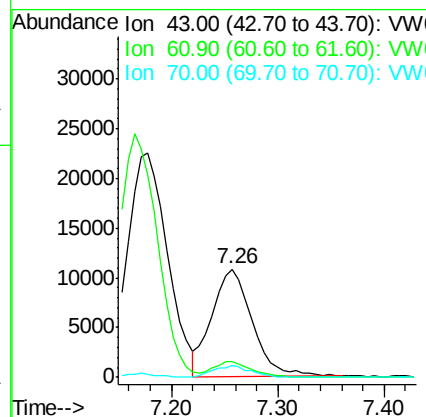
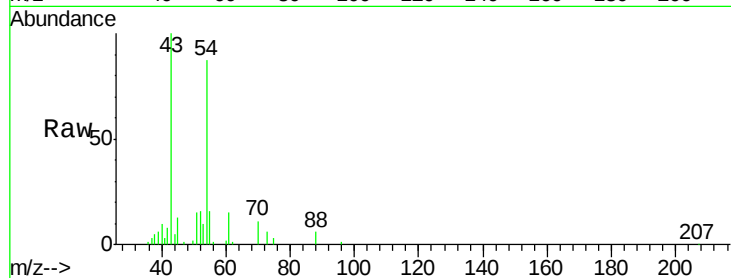
#37
Ethyl Acetate
Concen: 25.057 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.0	8.4	12.6

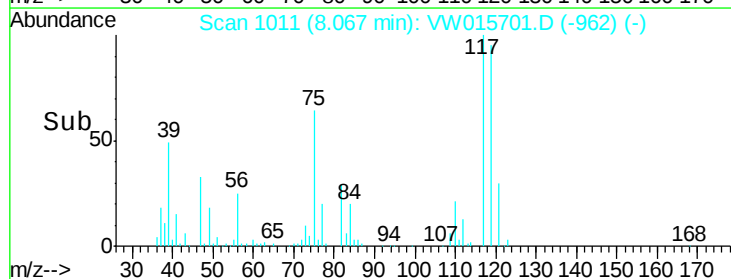
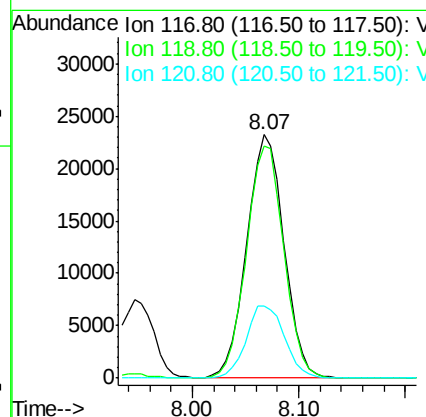
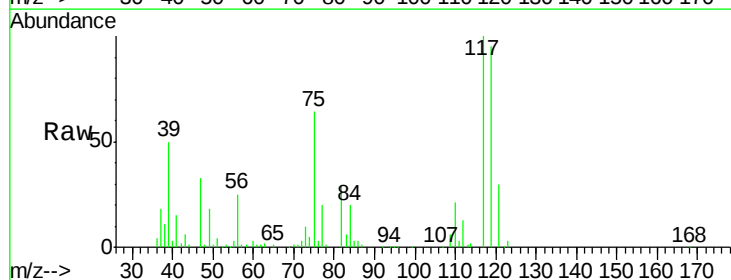
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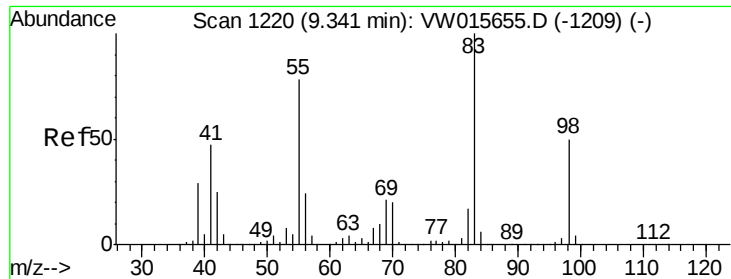
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#38
Carbon Tetrachloride
Concen: 19.928 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.2	109.8
121	29.9	23.9	35.9





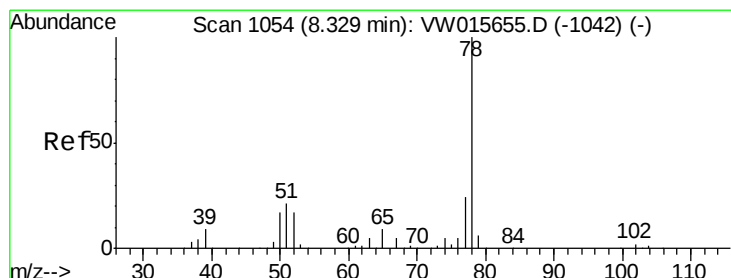
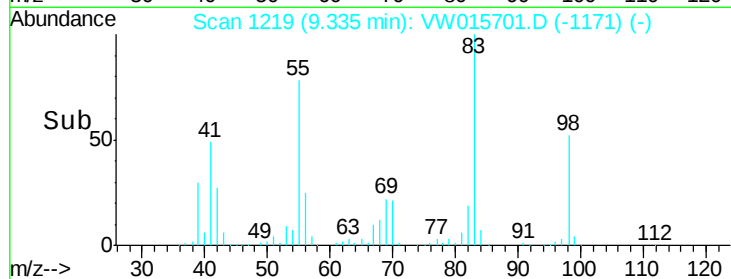
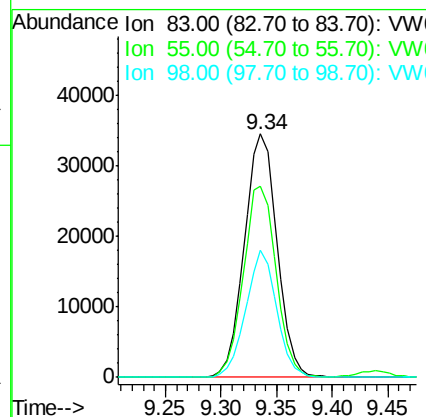
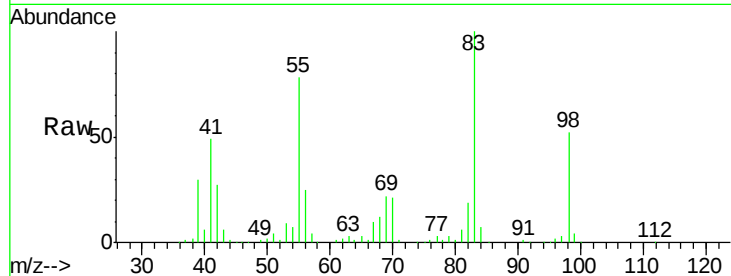
#39
Methvlcvclohexane
Concen: 19.625 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	62.8	94.2
98	52.2	39.9	59.9

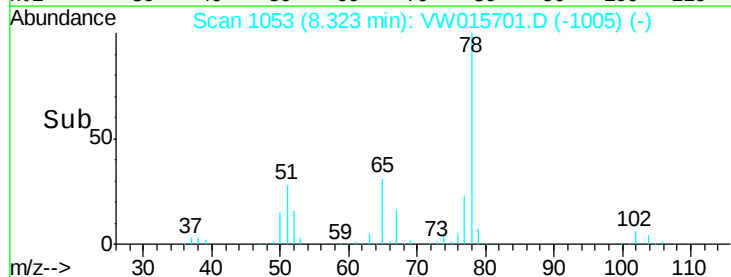
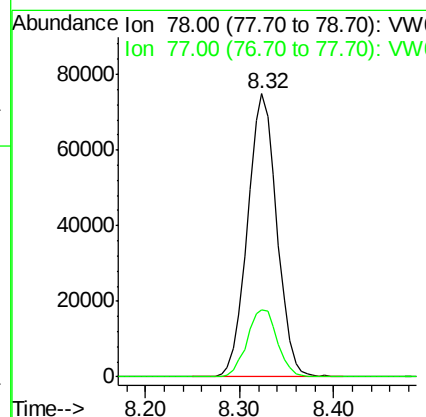
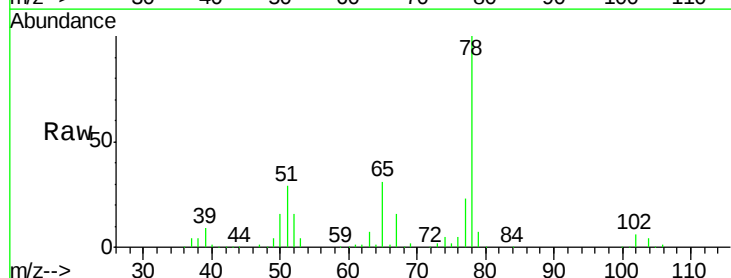
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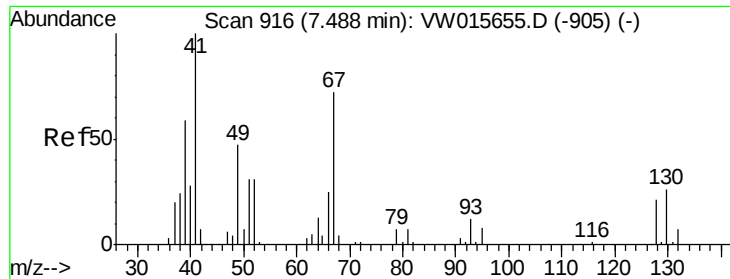
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#40
Benzene
Concen: 20.259 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





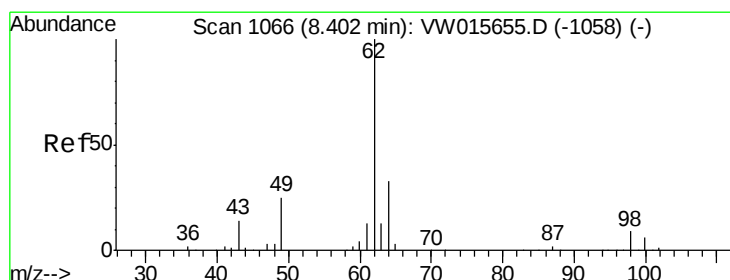
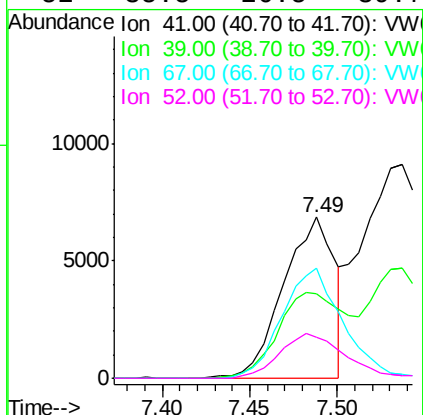
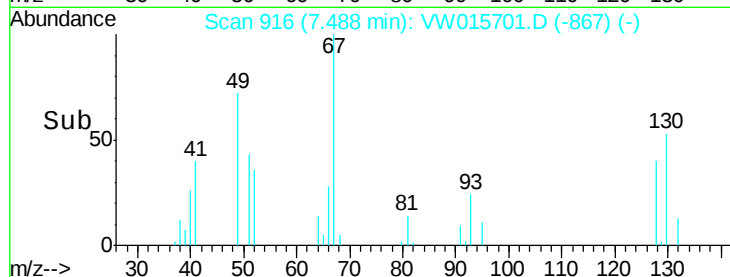
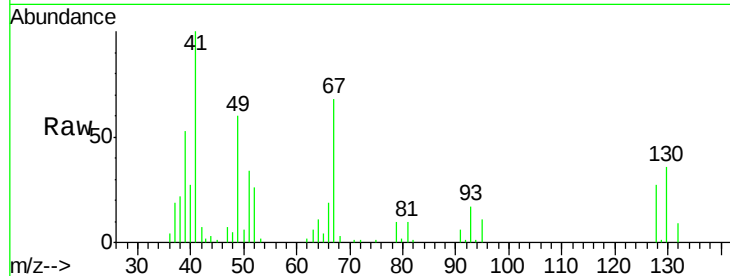
#41
Methacrylonitrile
Concen: 21.627 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	41	Resp	14039
Ion	Ratio	Lower	Upper
41	100		
39	73.9	52.0	78.0
67	80.6	57.5	86.3
52	35.5	26.5	39.7

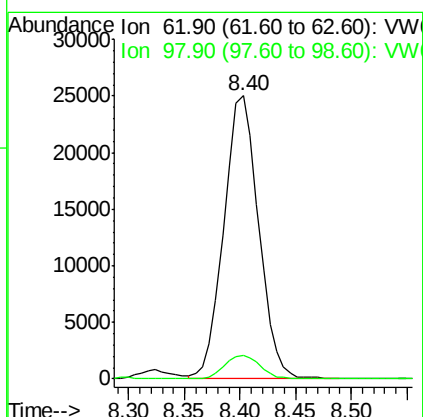
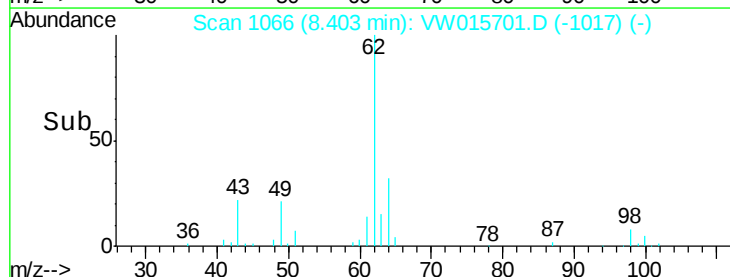
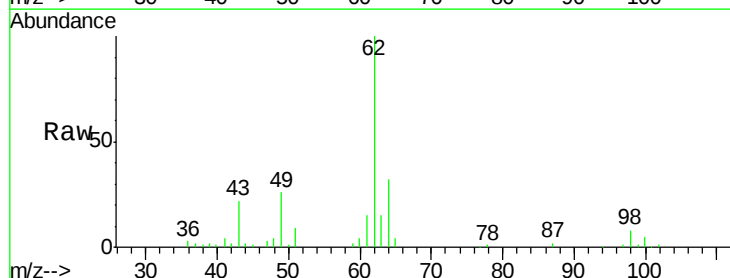
Manual Integrations
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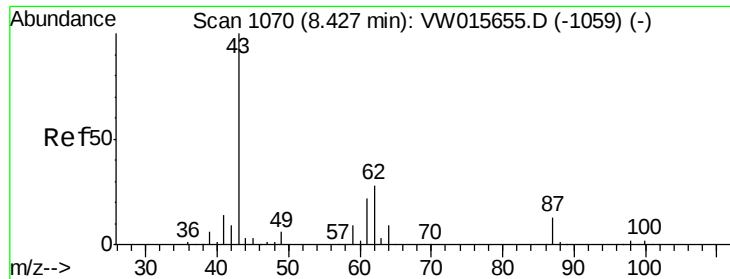
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#42
1,2-Dichloroethane
Concen: 21.760 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	62	Resp	54222
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4





#43

Isopropyl Acetate

Concen: 23.941 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

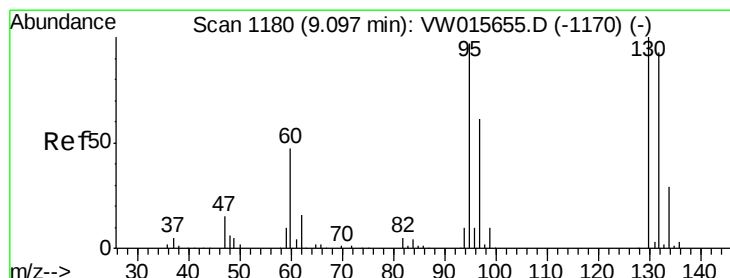
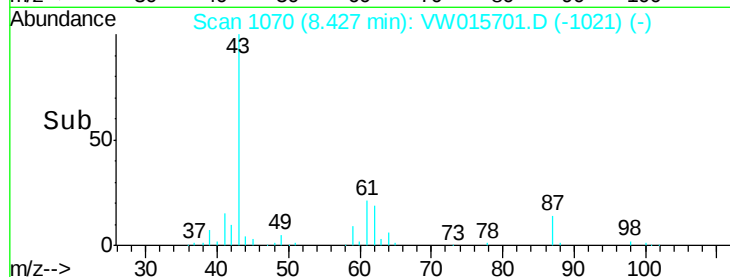
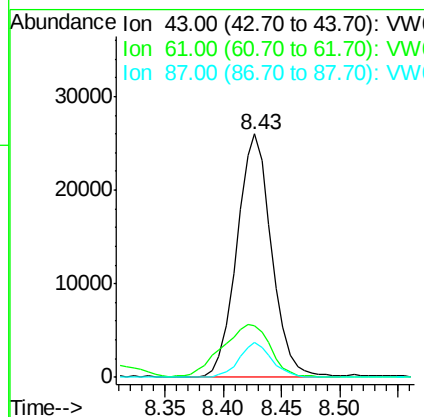
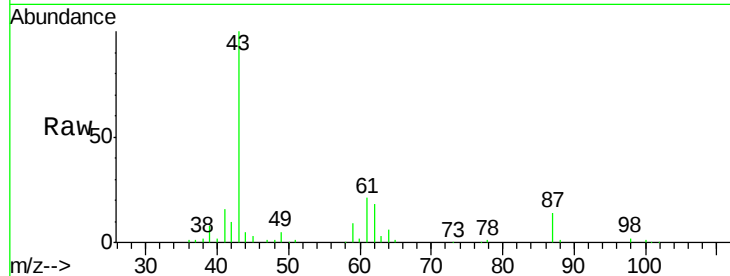
ClientSampleId :

VW0624SBS02

Tot Ion:	43	Resp:	54037
Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.7	37.1
87	13.3	10.2	15.2

Manual Integrations
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#44

Trichloroethene

Concen: 19.816 ug/l

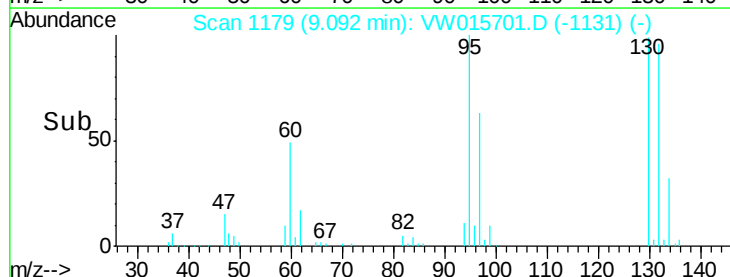
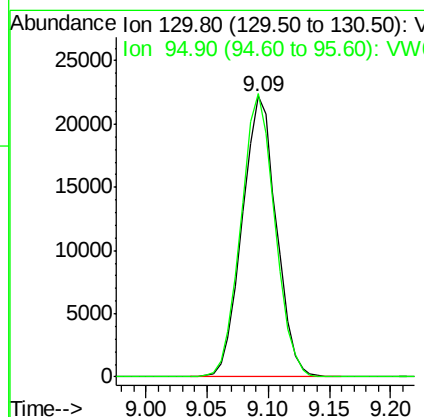
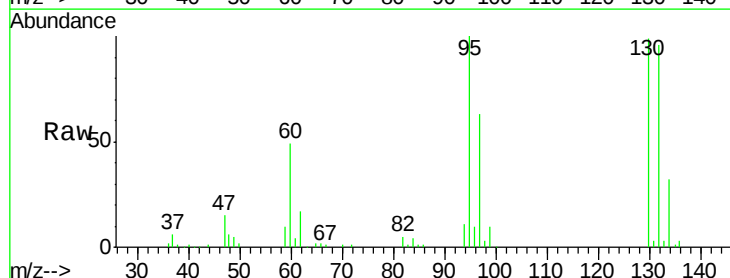
RT: 9.09 min Scan# 1179

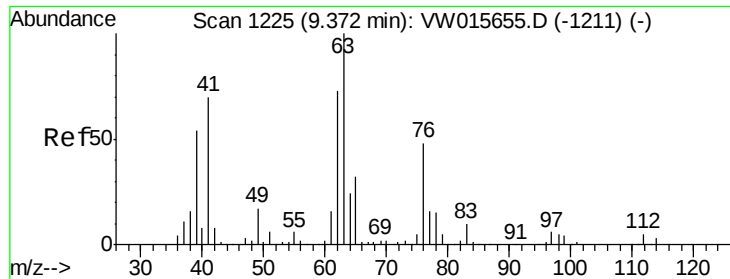
Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	130	Resp:	43020
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	194.4





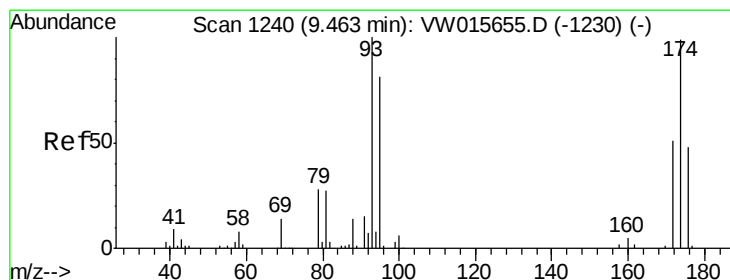
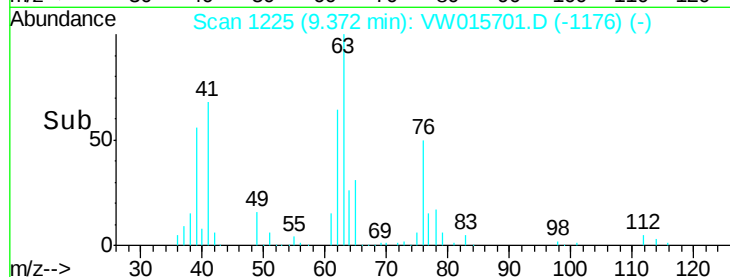
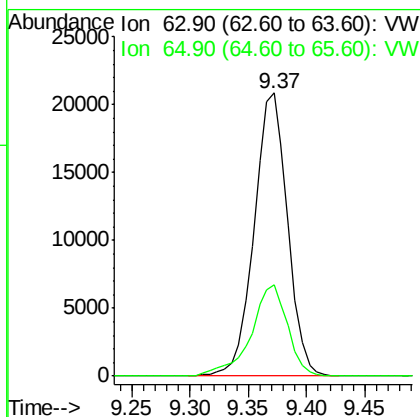
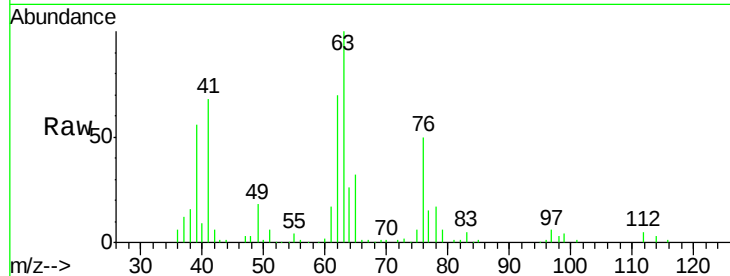
#45
 1,2-Dichloropropane
 Concen: 21.179 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion: 63 Resp: 41696
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.3 37.9

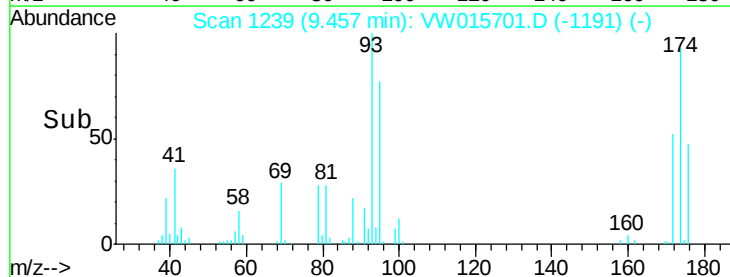
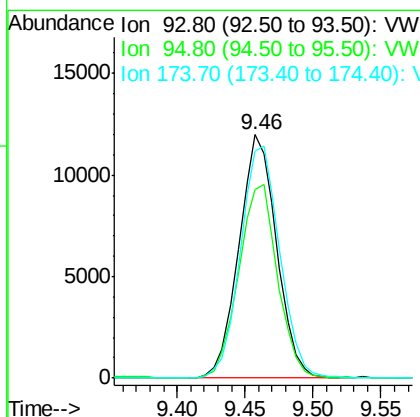
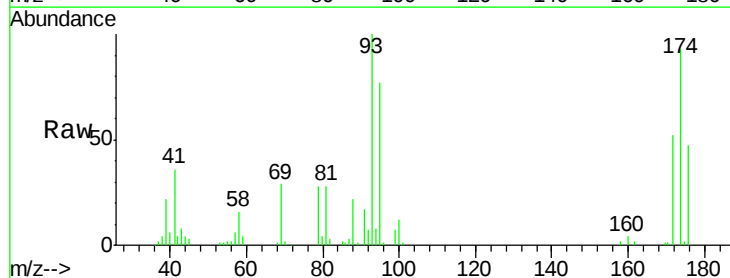
Manual Integrations
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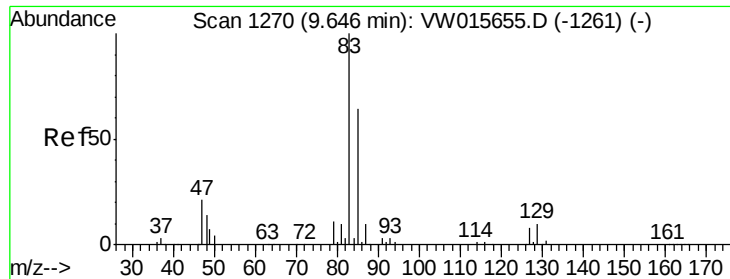
MMDadoda
 6/25/2020 4:18:25 PM



#46
 Dibromomethane
 Concen: 22.765 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 93 Resp: 23189
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.7 98.5
 174 99.5 79.0 118.6





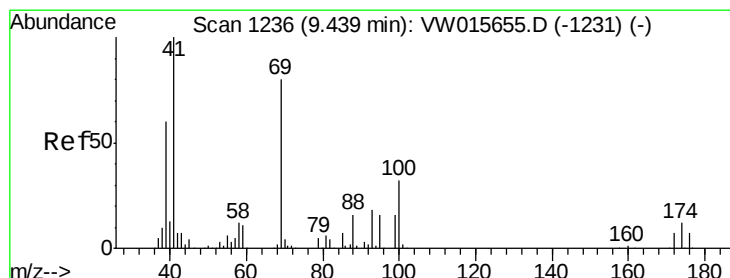
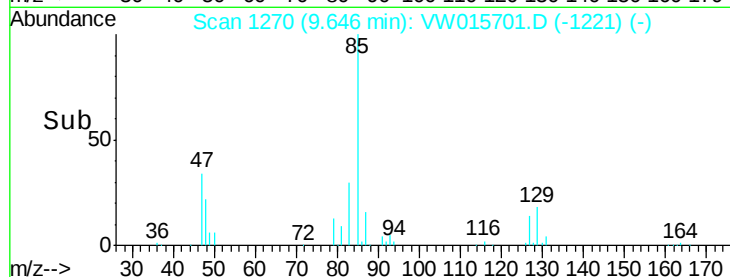
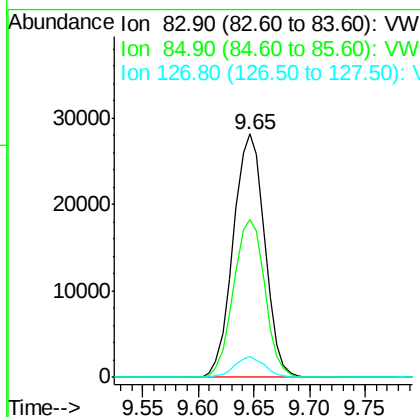
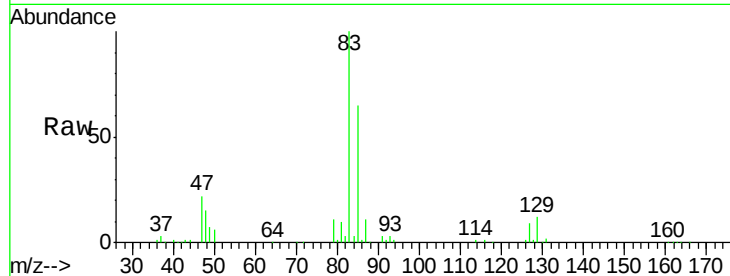
#47
Bromodichloromethane
Concen: 20.751 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	83	Resp	55135
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	50.8	76.2
127	8.8	6.3	9.5

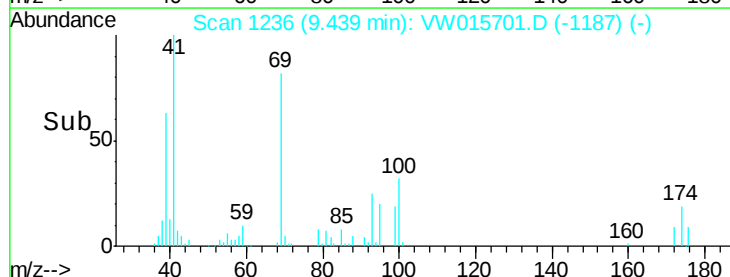
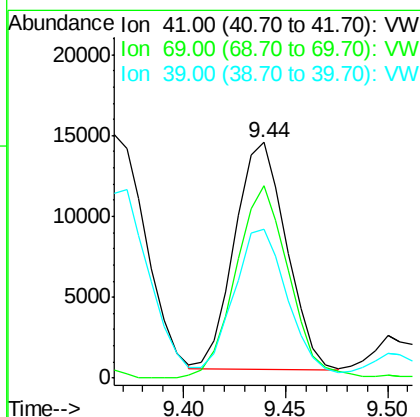
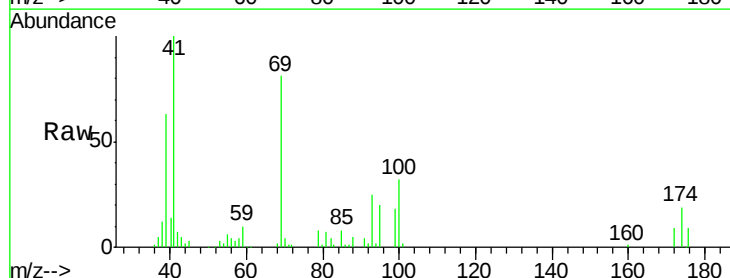
Manual Integrations
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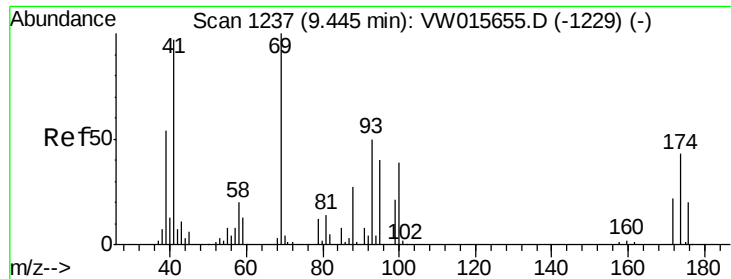
MMDadoda
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#48
Methyl methacrylate
Concen: 24.115 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	41	Resp	24884
Ion Ratio	100	Lower	Upper
41	100		
69	86.8	68.2	102.2
39	62.7	49.8	74.6





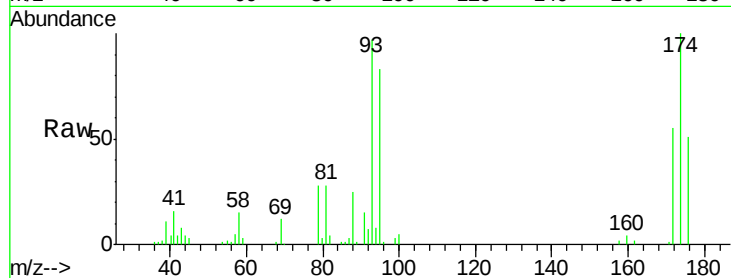
#49
1,4-Dioxane
Concen: 473.855 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	72.8	56.1	84.1

Manual Integrations
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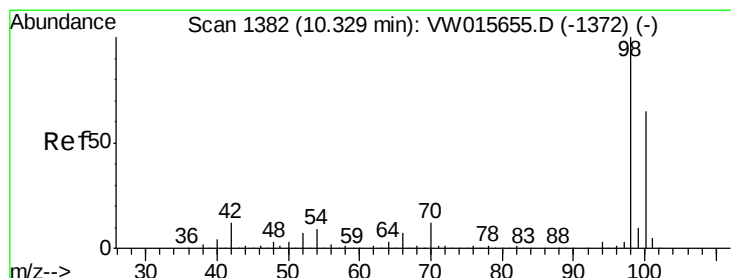
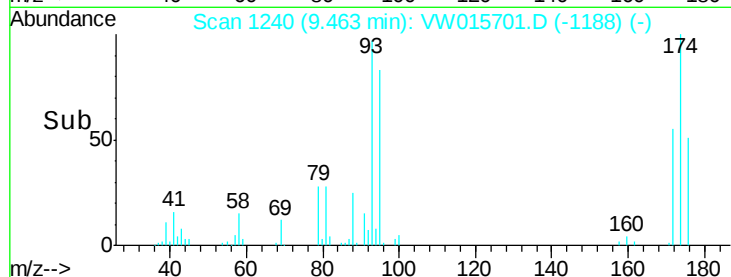
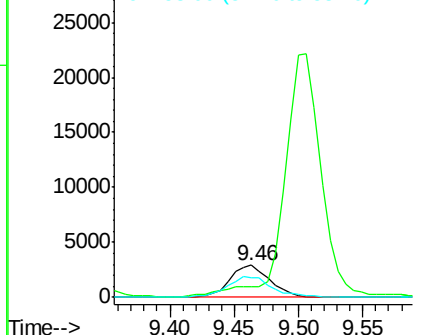


Abundance

Ion 88.00 (87.70 to 88.70): VW

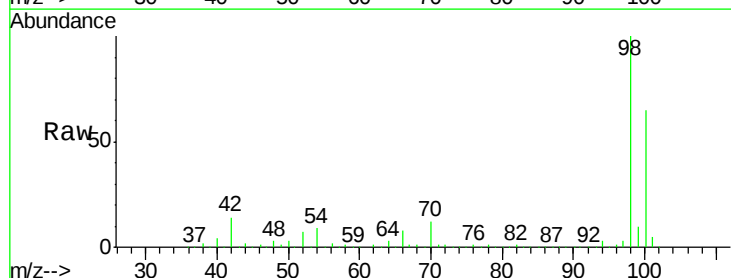
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.137 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

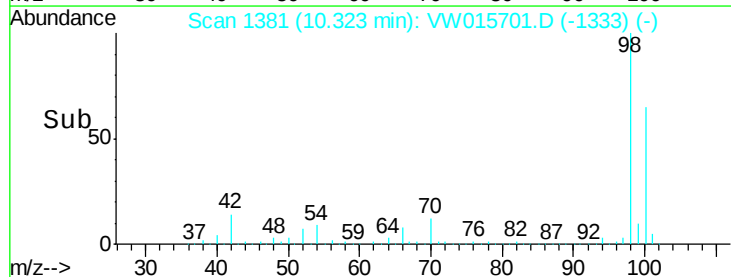
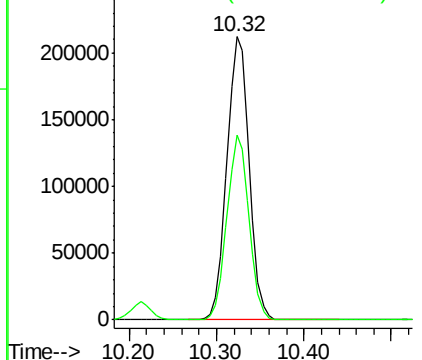
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2



Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 130.668 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 43 Resp: 142229

Ion Ratio Lower Upper

43 100

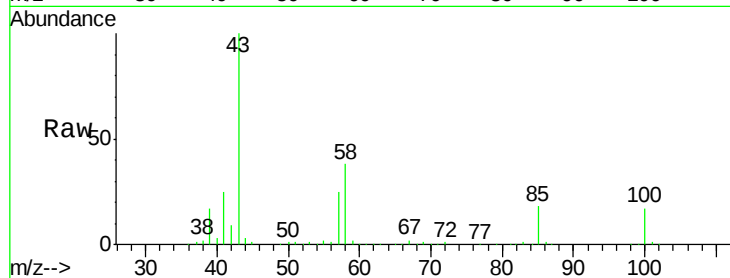
58 38.5 31.2 46.8

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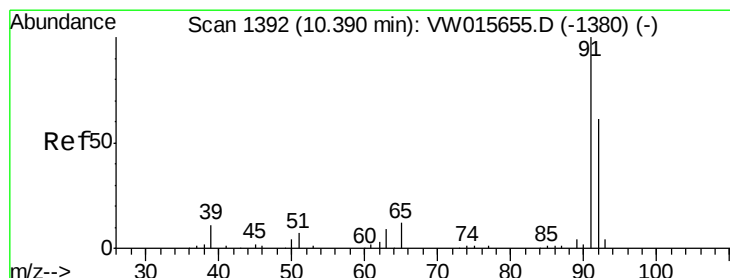
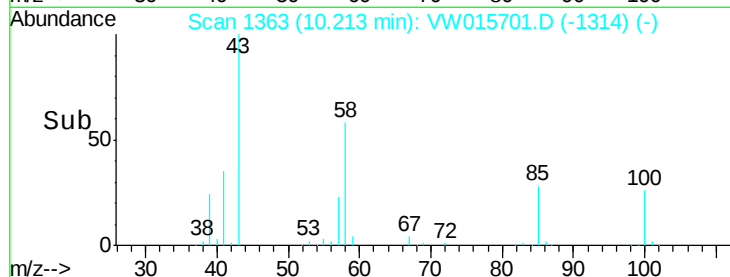
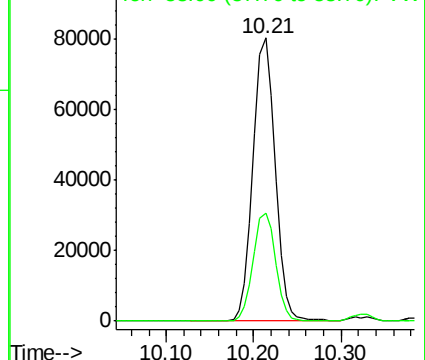
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 22.192 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015701.D

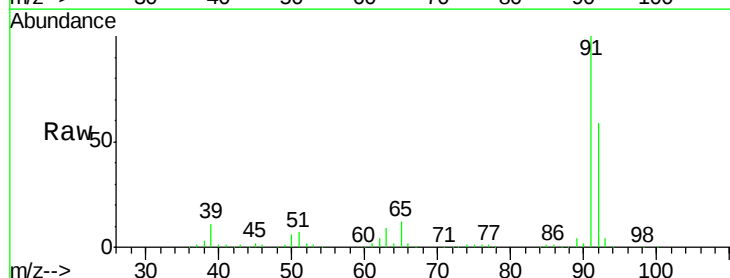
Acq: 25 Jun 2020 00:12

Tgt Ion: 92 Resp: 115418

Ion Ratio Lower Upper

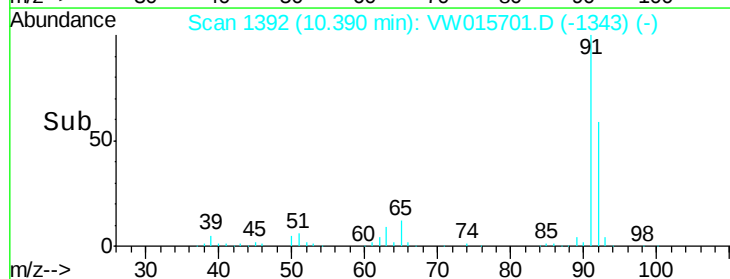
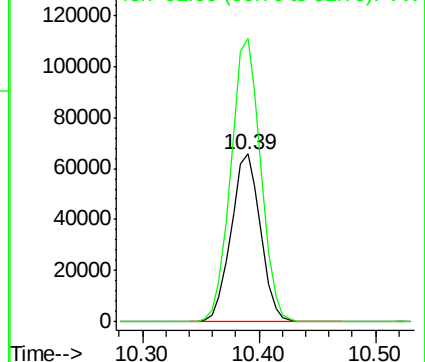
92 100

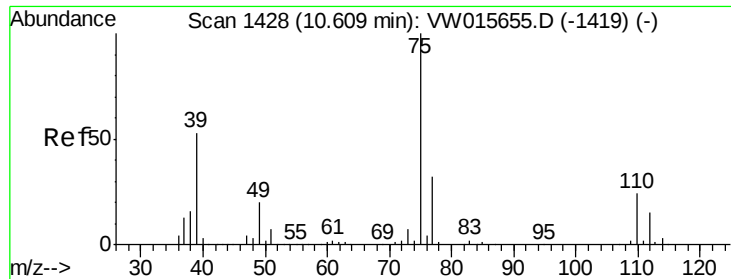
91 170.9 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





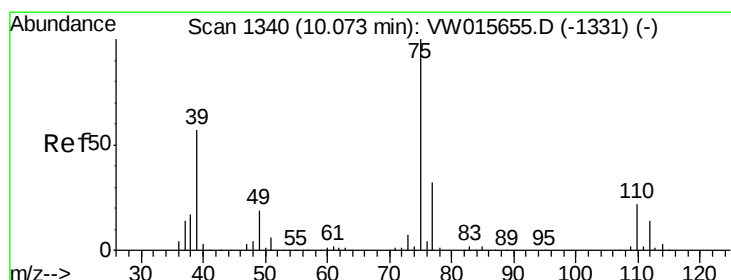
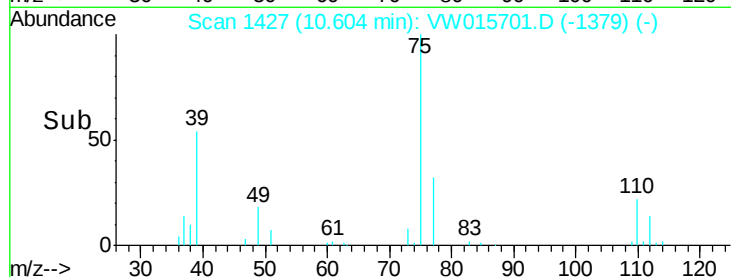
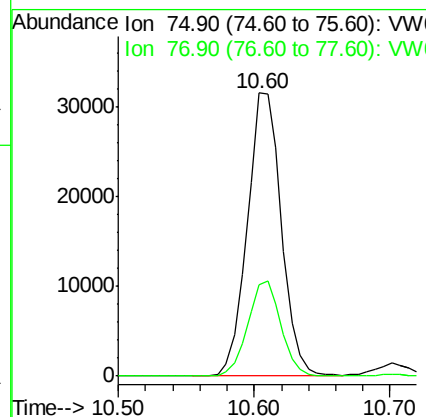
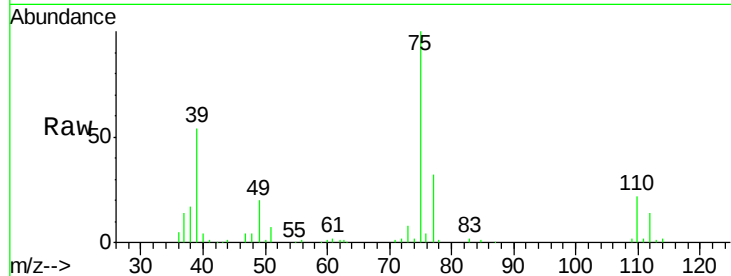
#53
 t-1,3-Dichloropropene
 Concen: 21.569 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion: 75 Resp: 55365
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9

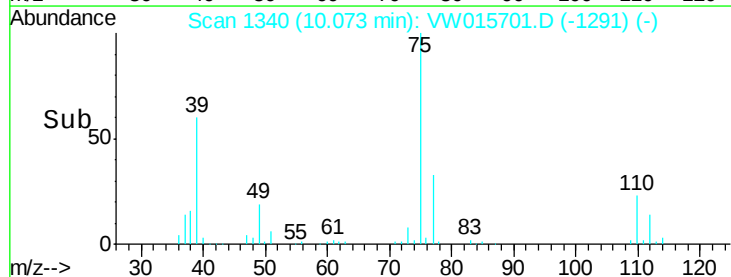
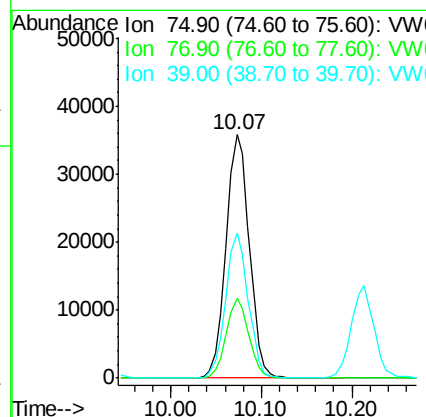
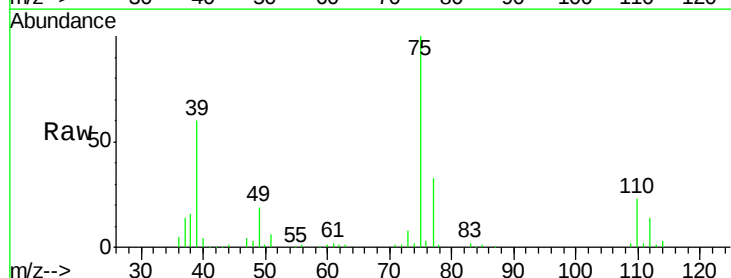
Manual Integrations
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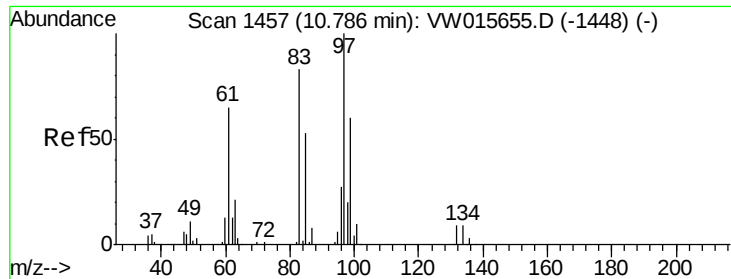
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#54
 cis-1,3-Dichloropropene
 Concen: 20.949 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 75 Resp: 64240
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2
 39 59.7 45.8 68.6





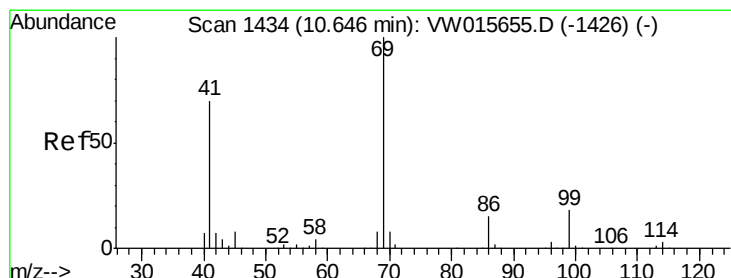
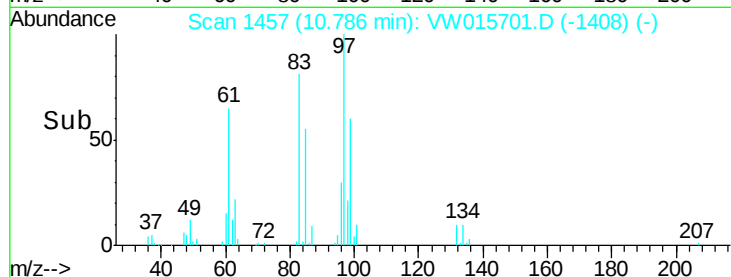
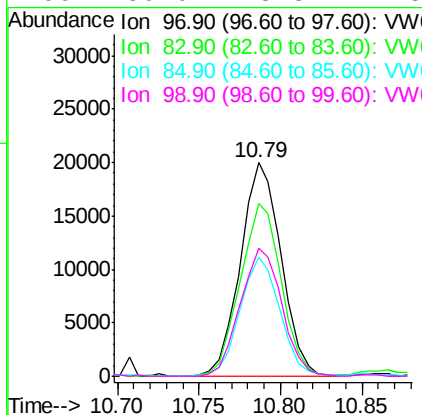
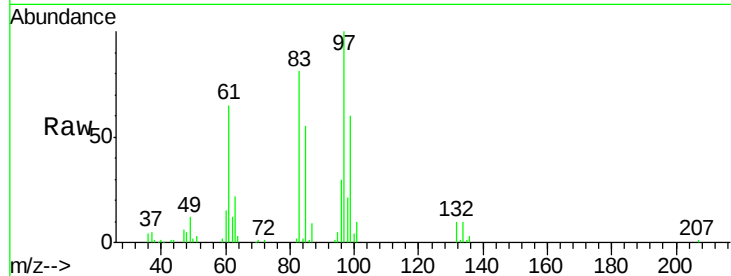
#55
 1,1,2-Trichloroethane
 Concen: 24.468 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion:	97	Resp:	34654
Ion	Ratio	Lower	Upper
97	100		
83	80.8	66.3	99.5
85	55.5	42.5	63.7
99	60.0	48.3	72.5

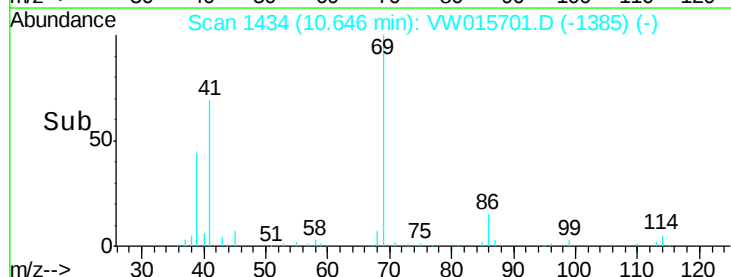
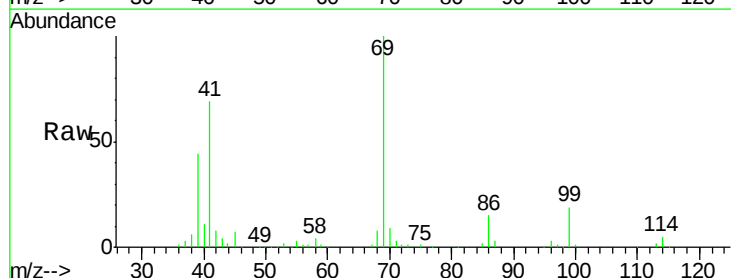
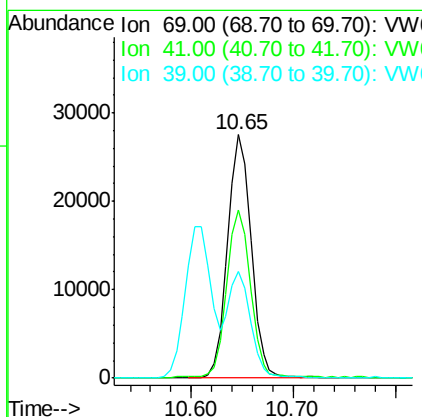
Manual Integrations
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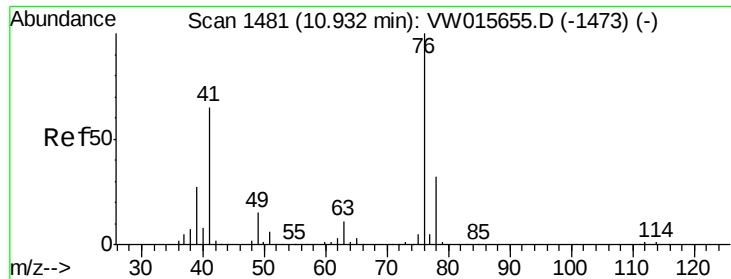
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#56
 Ethyl methacrylate
 Concen: 25.133 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:	69	Resp:	44290
Ion	Ratio	Lower	Upper
69	100		
41	71.1	55.8	83.6
39	41.7	29.5	44.3





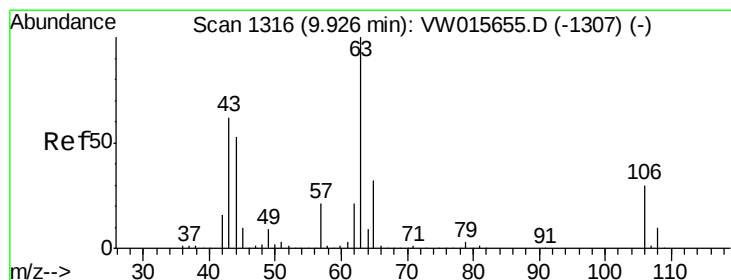
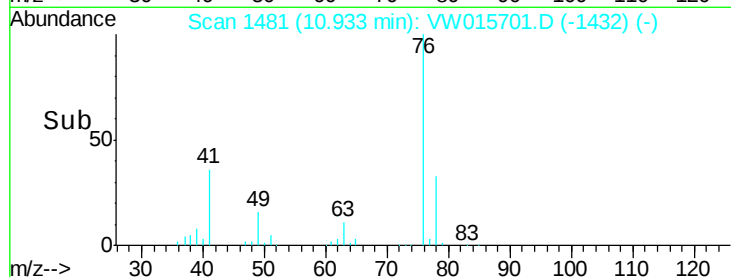
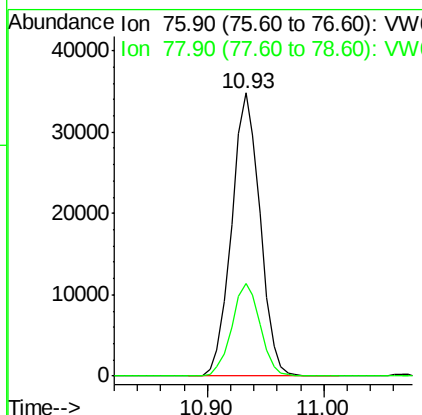
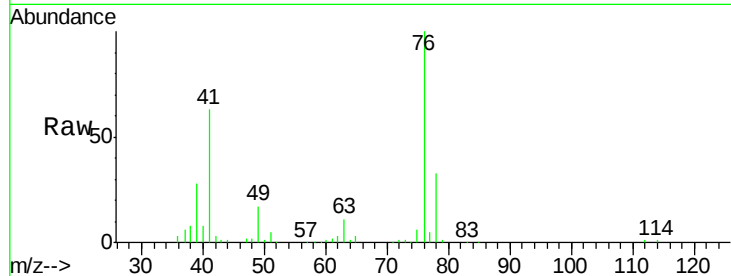
#57
 1,3-Dichloropropane
 Concen: 23.529 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion: 76 Resp: 59077
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2

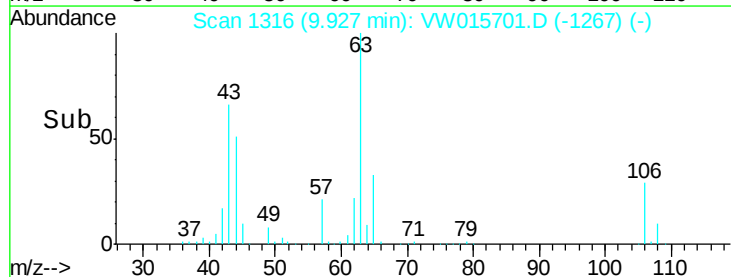
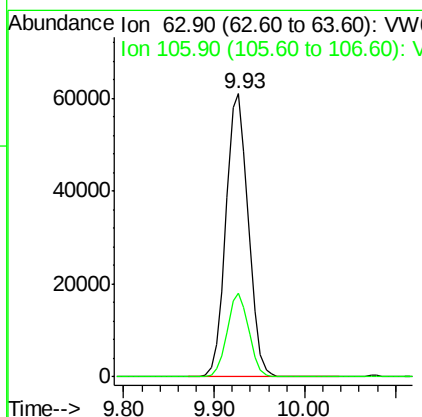
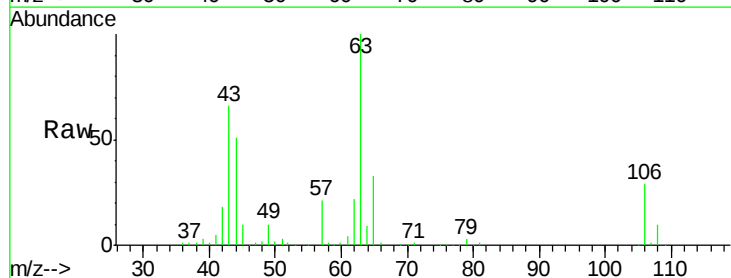
Manual Integrations
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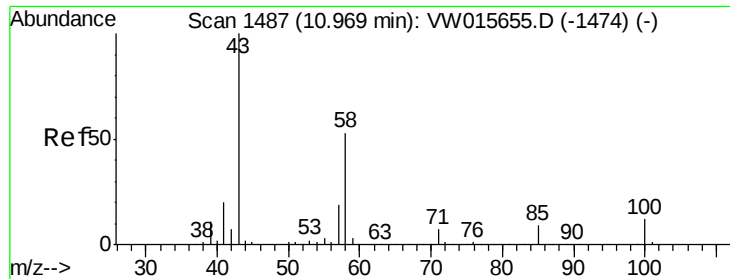
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 125.459 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion: 63 Resp: 104622
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.3 34.9





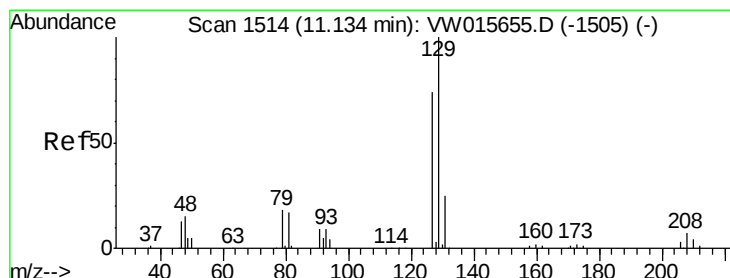
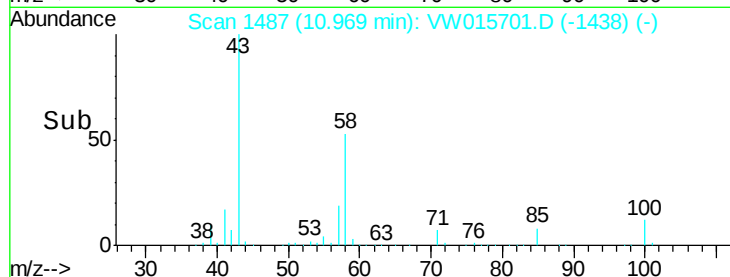
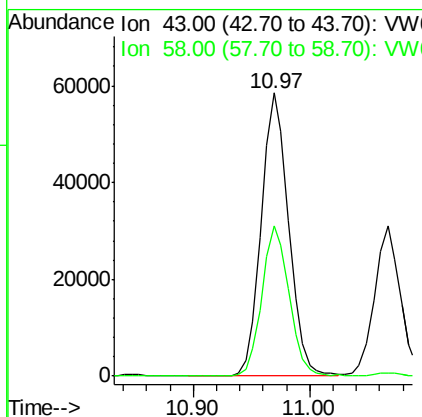
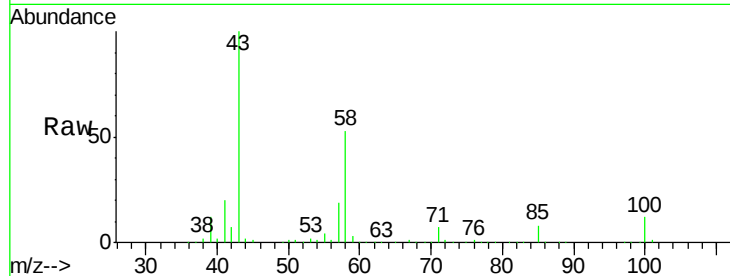
#59
2-Hexanone
Concen: 128.757 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 43 Resp: 95413
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.4

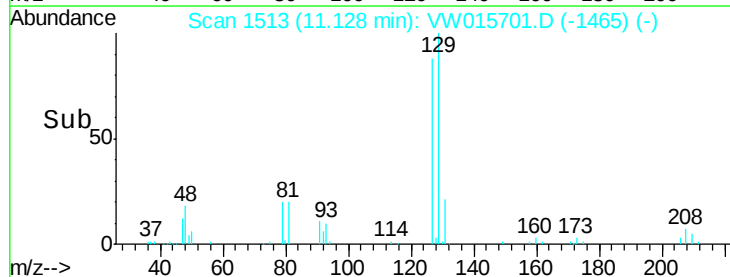
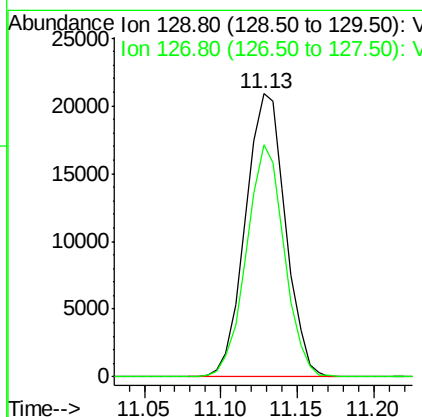
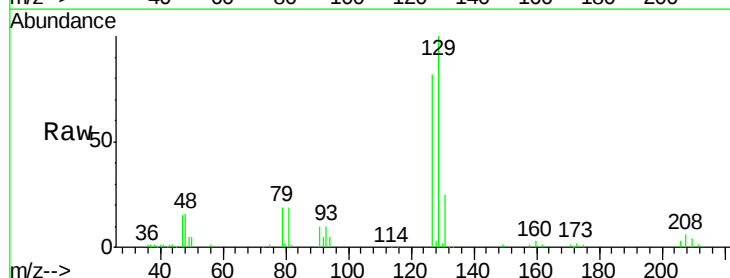
Manual Integrations
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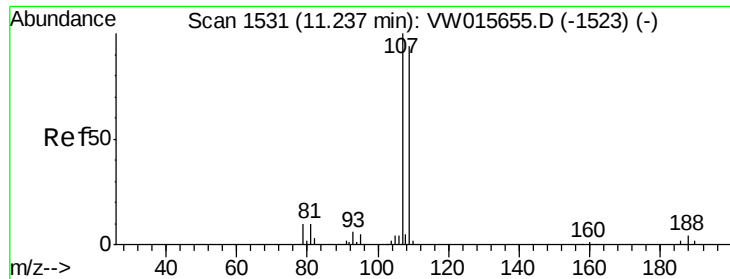
MMDadoda
6/25/2020 4:18:25 PM



#60
Dibromochloromethane
Concen: 23.001 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:129 Resp: 37961
Ion Ratio Lower Upper
129 100
127 77.3 38.0 114.1





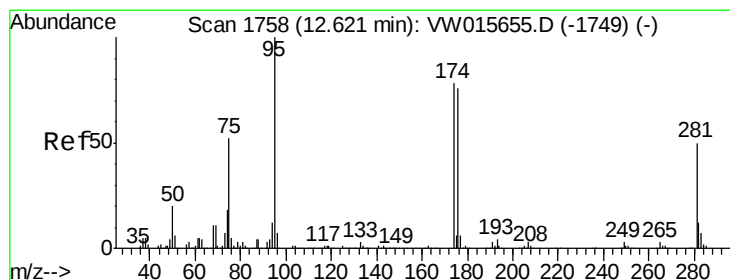
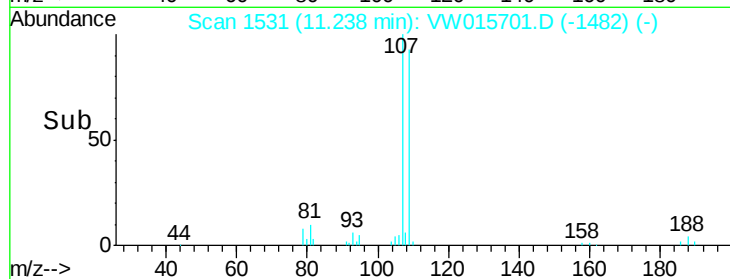
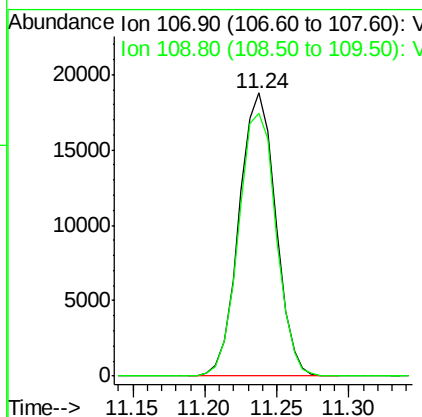
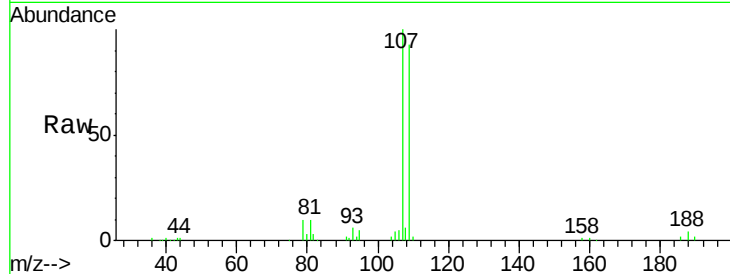
#61
 1,2-Dibromoethane
 Concen: 24.440 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.9	112.3

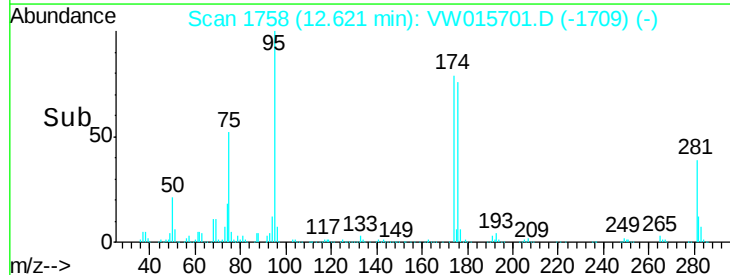
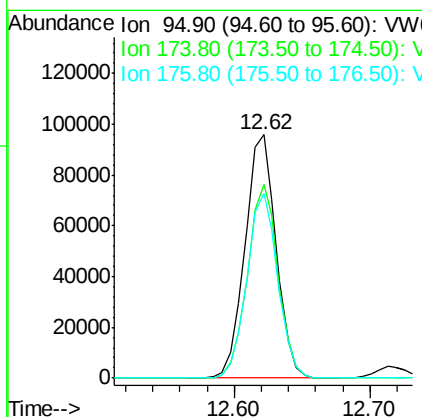
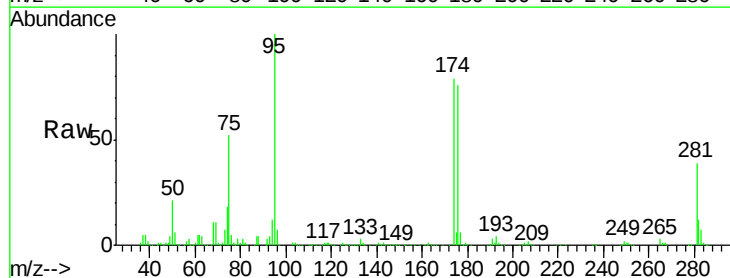
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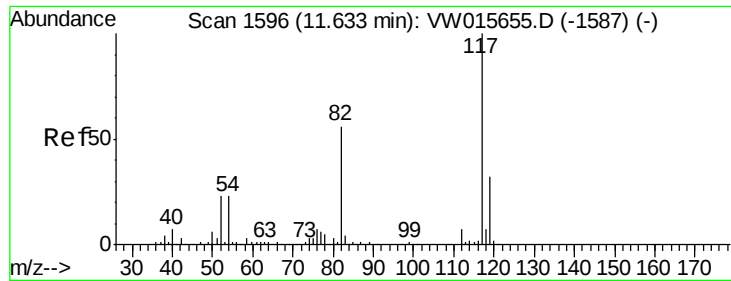
MMDadoda
 6/25/2020 4:18:25 PM



#62
 4-Bromofluorobenzene
 Concen: 59.024 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	157.0
176	75.2	0.0	151.4





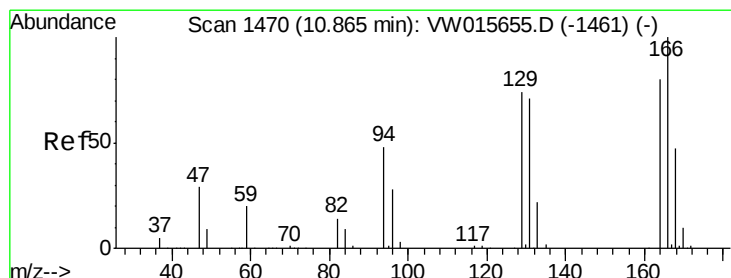
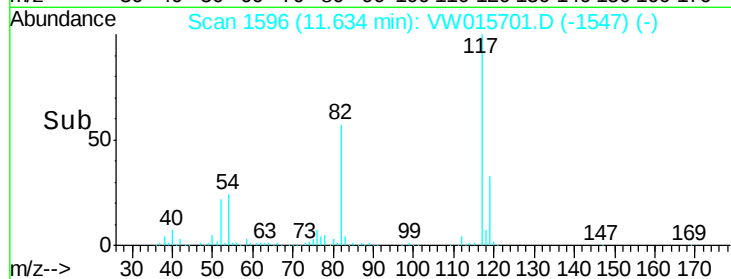
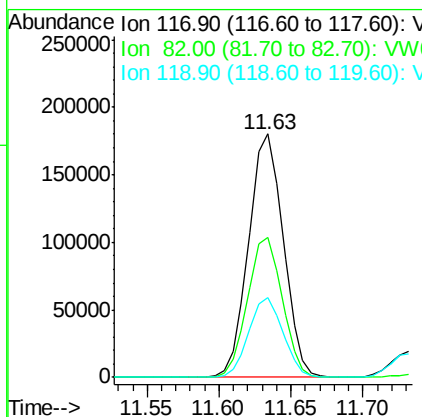
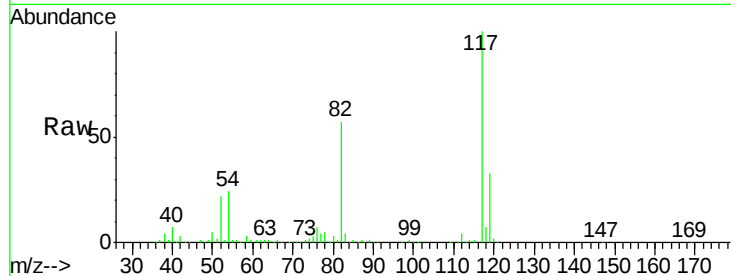
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300653		
82	57.2	45.1	67.7	
119	32.6	25.8	38.8	

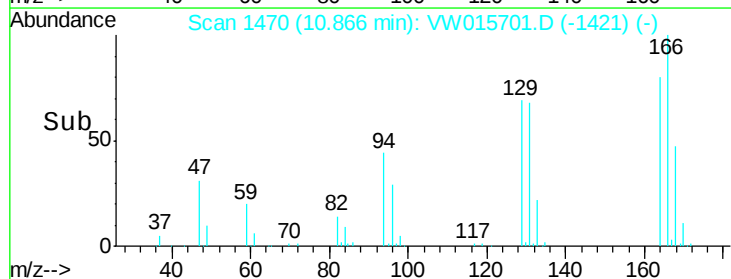
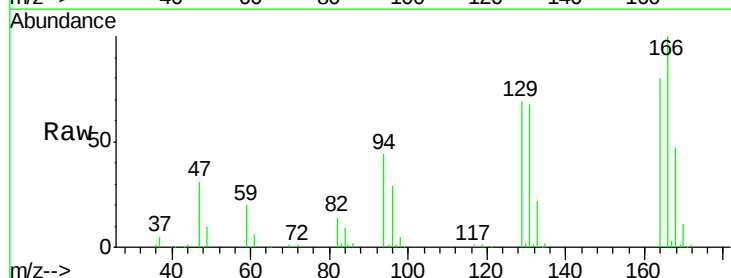
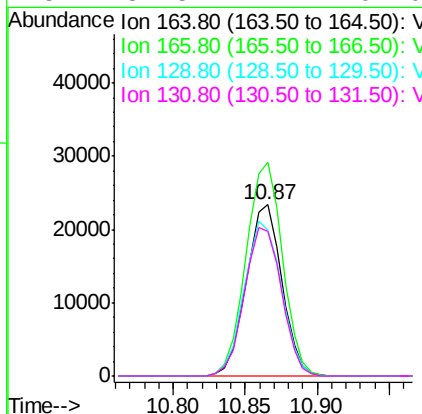
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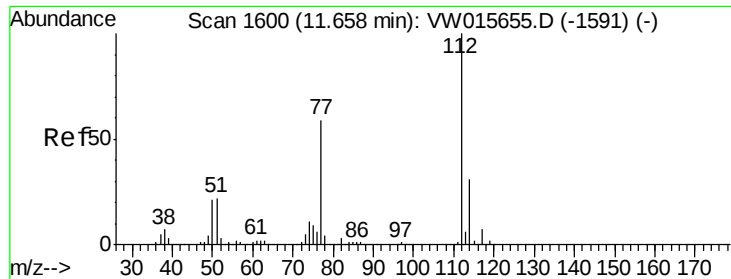
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#64
Tetrachloroethene
Concen: 18.895 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39909		
166	125.0	99.9	149.9	
129	85.6	74.2	111.2	
131	84.5	71.4	107.0	





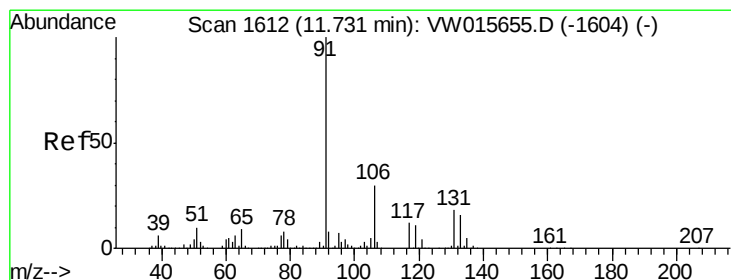
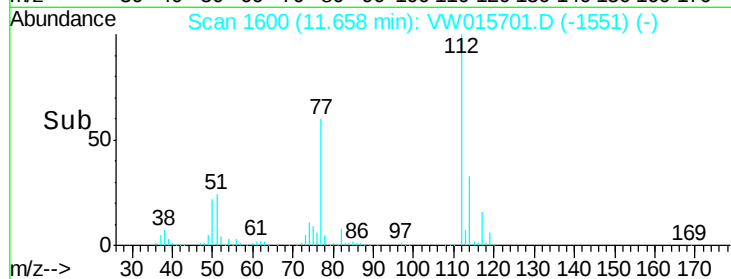
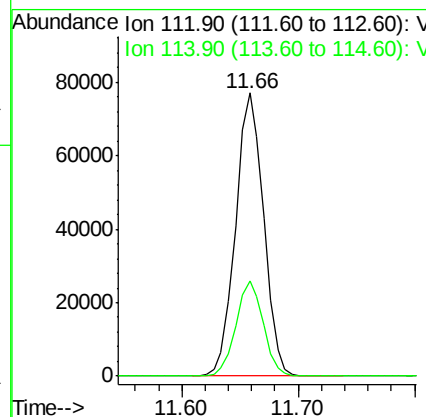
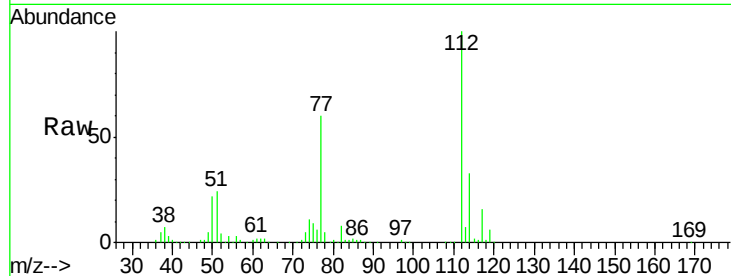
#65
Chlorobenzene
Concen: 20.371 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion:112 Resp: 129133
Ion Ratio Lower Upper
112 100
114 33.5 24.9 37.3

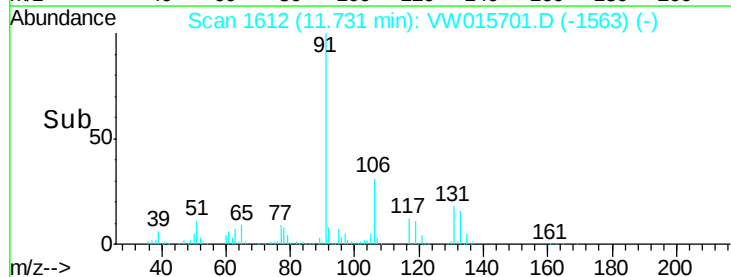
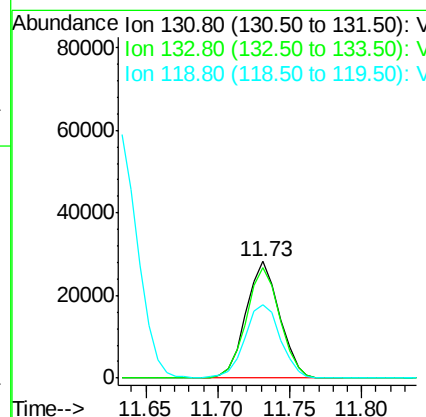
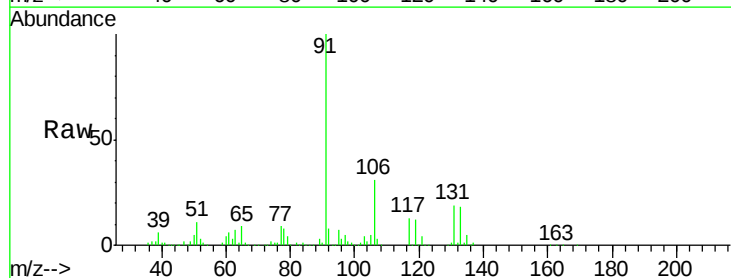
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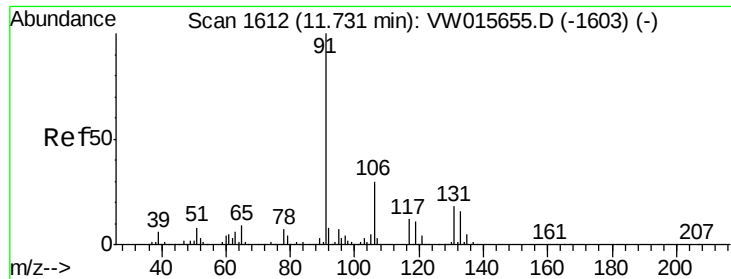
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.505 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion:131 Resp: 45574
Ion Ratio Lower Upper
131 100
133 94.6 46.5 139.5
119 66.8 32.5 97.5





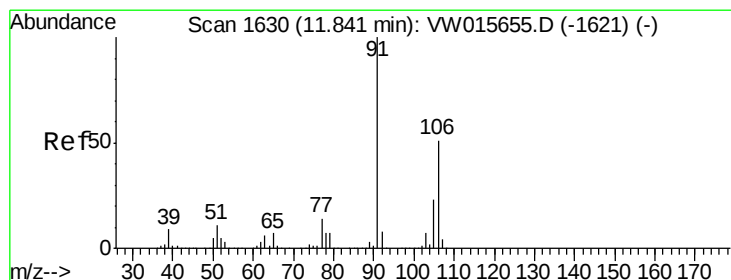
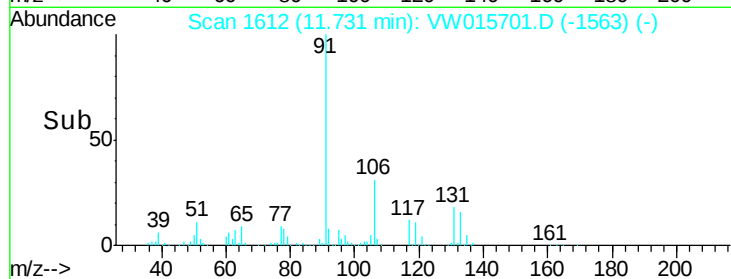
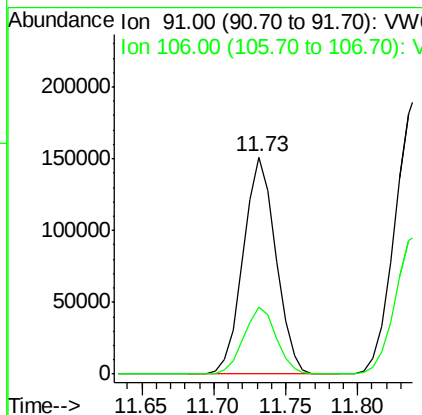
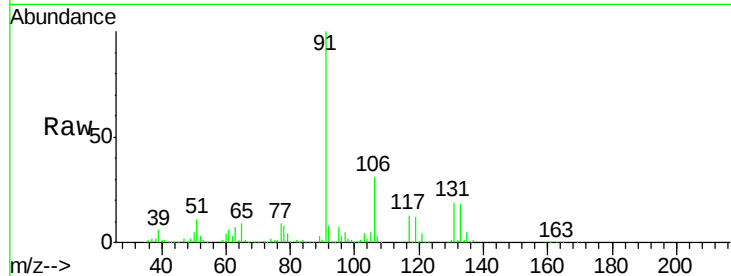
#67
Ethyl Benzene
Concen: 20.085 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion: 91 Resp: 236943
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1

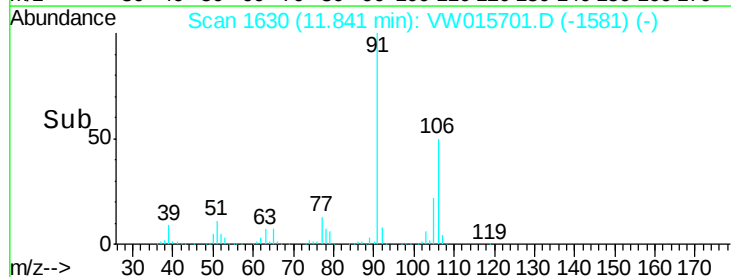
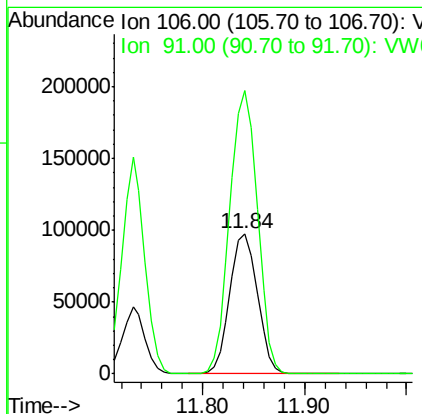
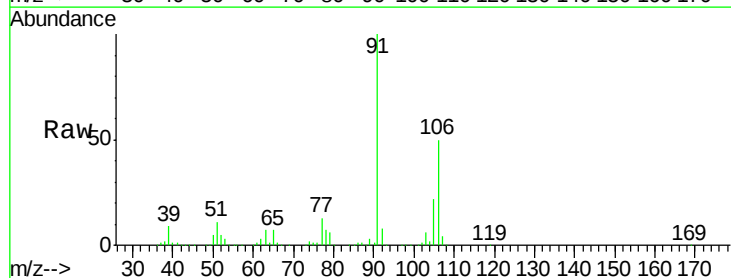
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#68
m/p-Xylenes
Concen: 41.468 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion: 106 Resp: 183697
Ion Ratio Lower Upper
106 100
91 202.1 162.6 244.0





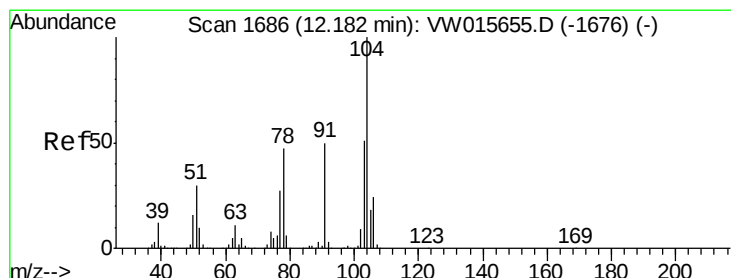
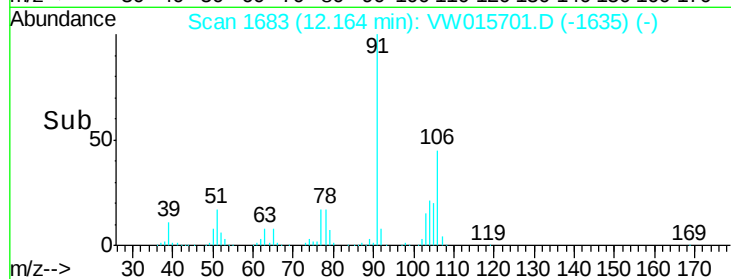
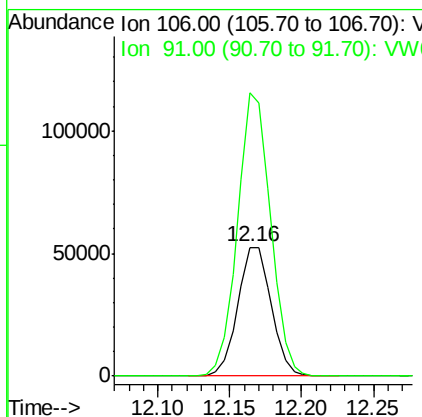
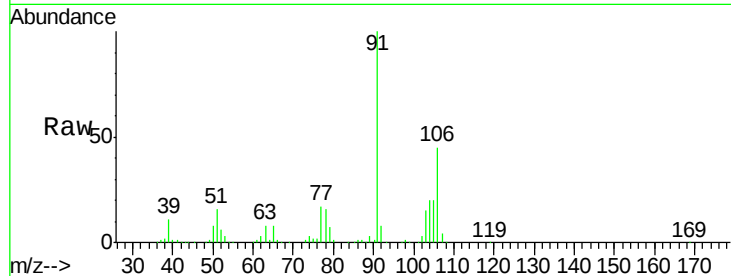
#69
o-Xylene
Concen: 20.900 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		85126		
91	216.7	108.3	324.9		

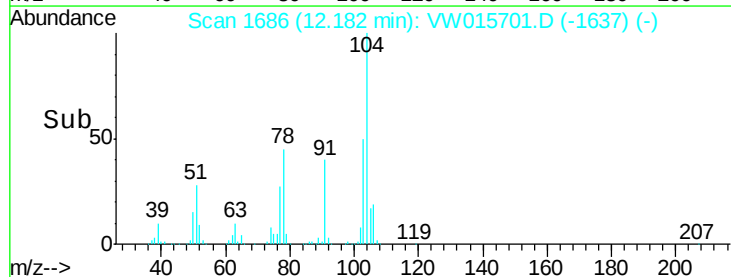
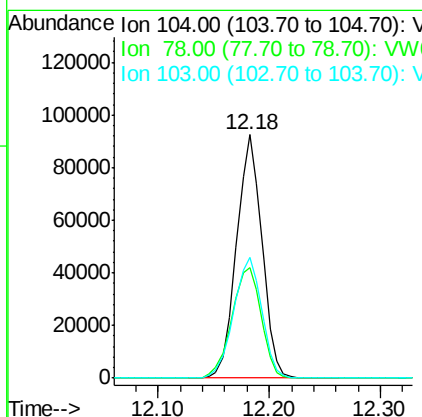
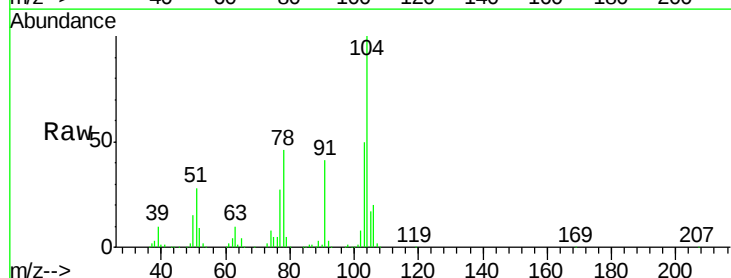
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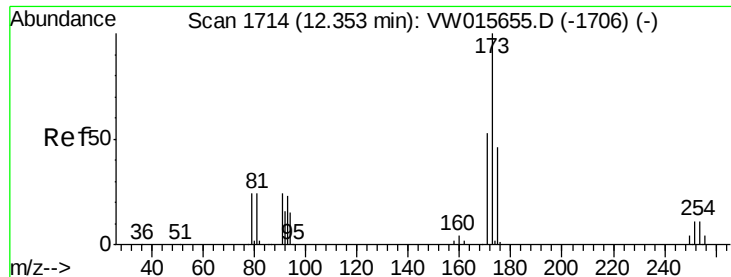
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#70
Styrene
Concen: 21.044 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		146440		
78	52.4	40.9	61.3		
103	54.9	43.1	64.7		





#71

Bromoform

Concen: 20.751 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

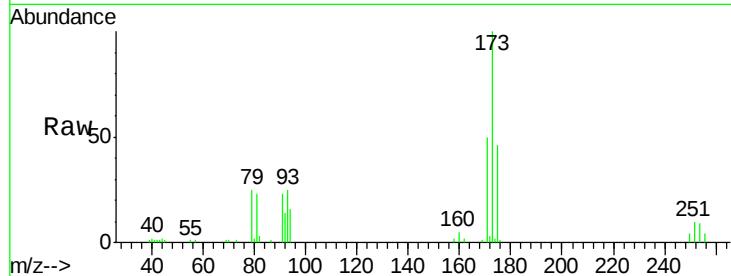
ClientSampleId :

VW0624SBSD02

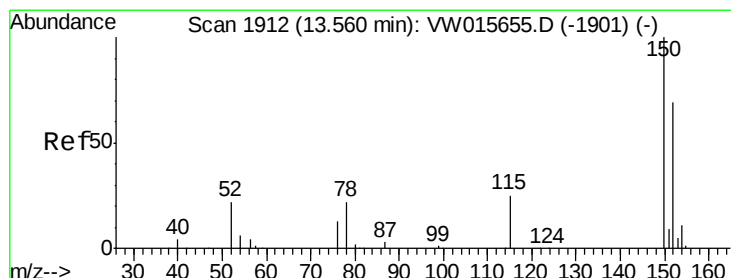
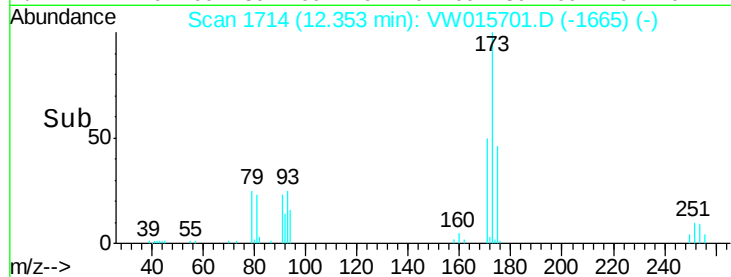
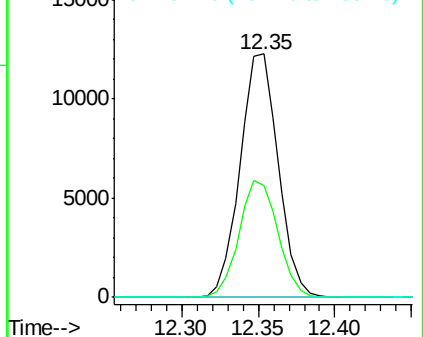
Tot Ion	Ion	Ratio	Lower	Upper
21221	173	100		
	175	48.6	23.5	70.6
	254	0.0	0.1	0.1

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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

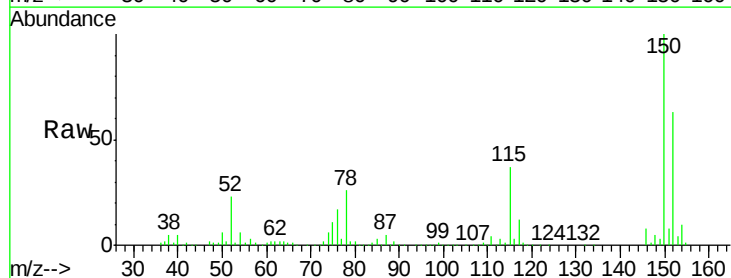
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

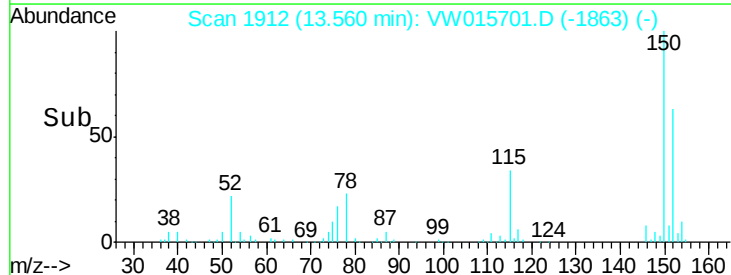
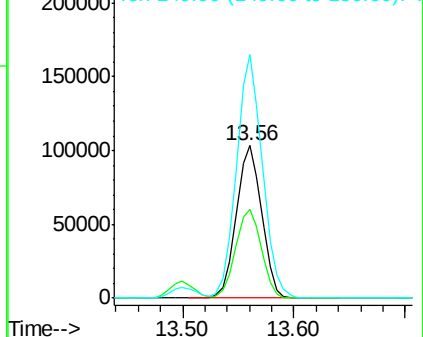
Lab File: VW015701.D

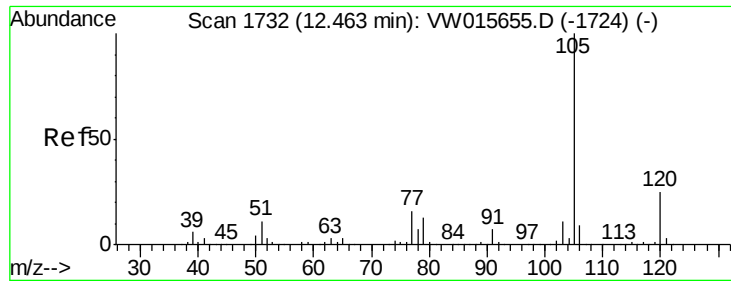
Acq: 25 Jun 2020 00:12

Tgt Ion	Ion	Ratio	Lower	Upper
162026	152	100		
	115	59.3	30.1	90.5
	150	164.0	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





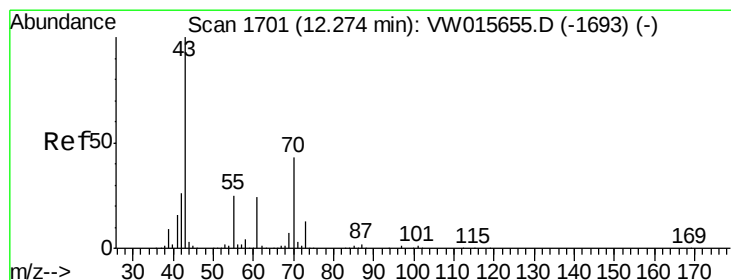
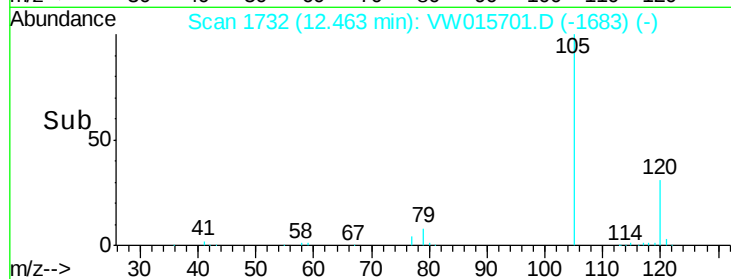
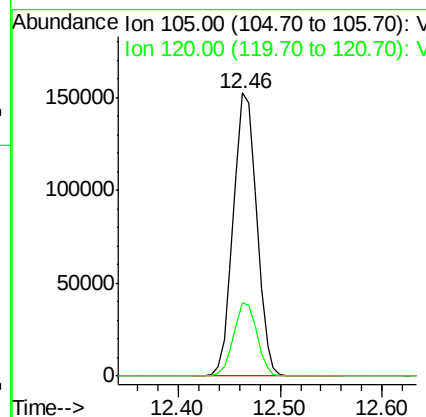
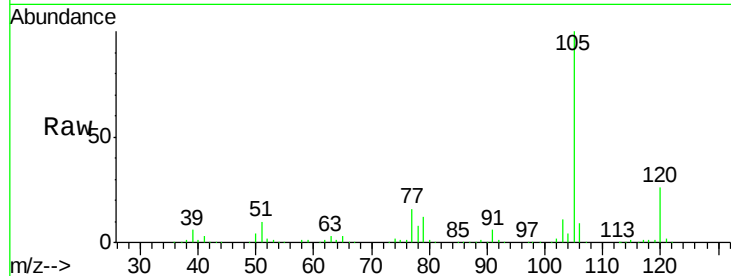
#73
Isopropylbenzene
Concen: 19.520 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.9	38.7

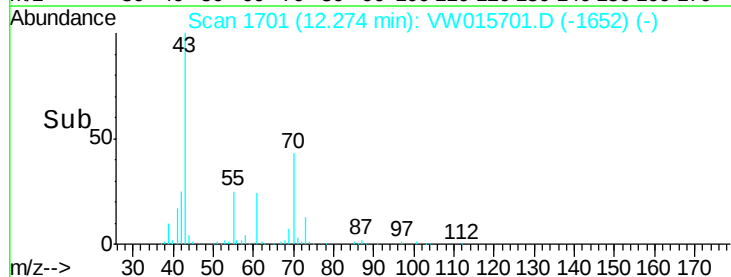
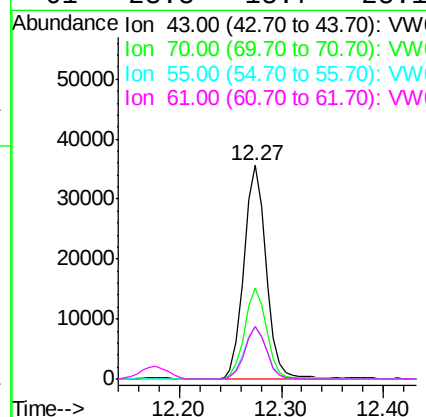
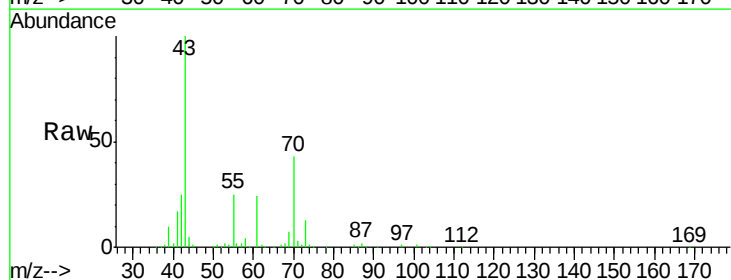
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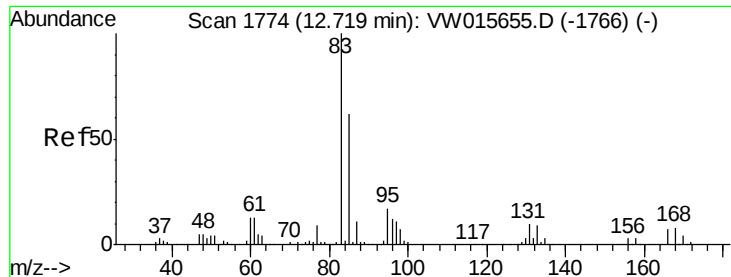
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#74
N-ethyl acetate
Concen: 20.482 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	33.6	50.4
55	24.8	19.7	29.5
61	23.8	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.334 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

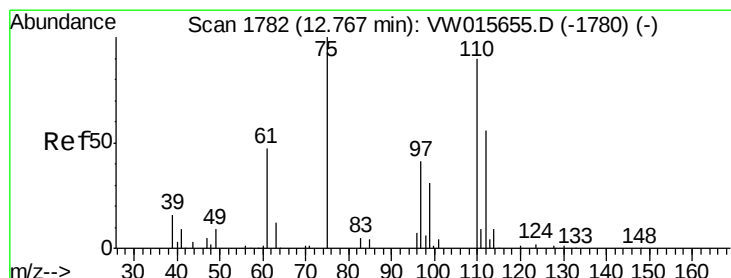
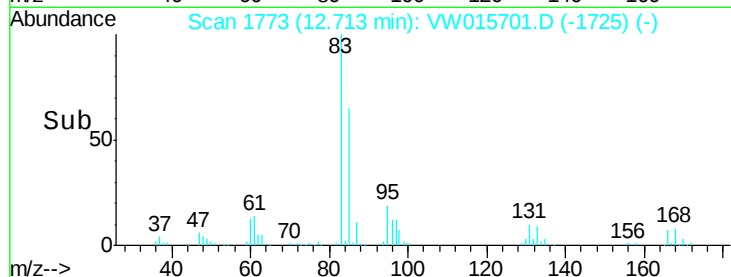
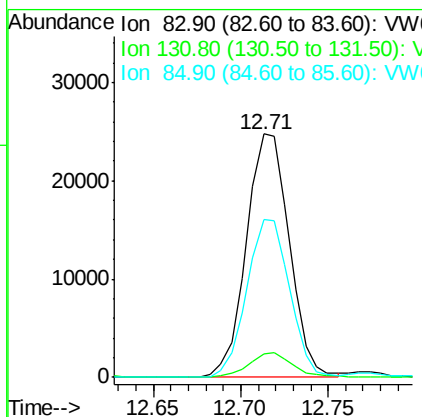
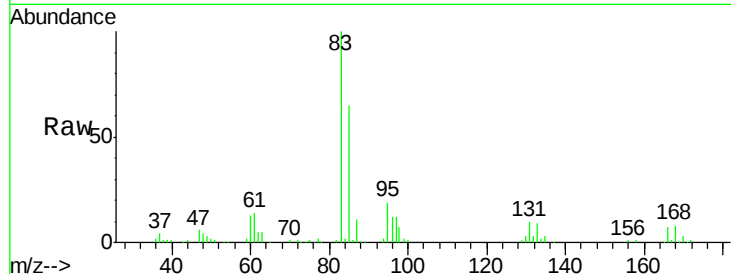
ClientSampleId :

VW0624SBSD02

Tot Ion:	83	Resp:	42185
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.4
85	64.9	31.9	95.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.576 ug/l m

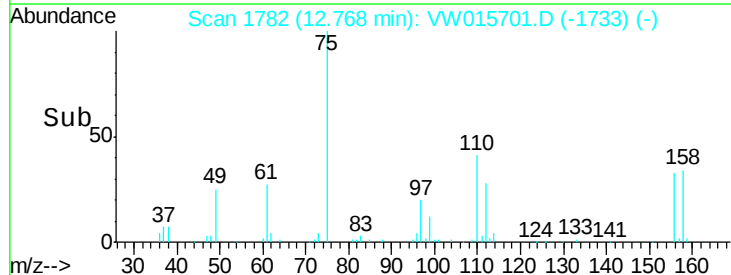
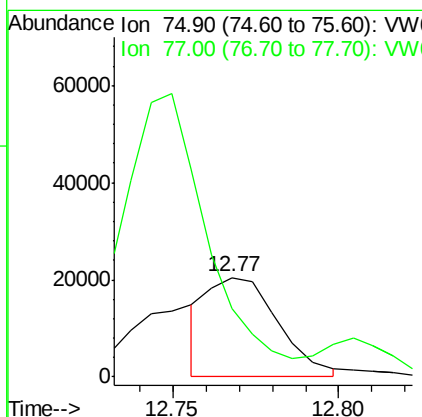
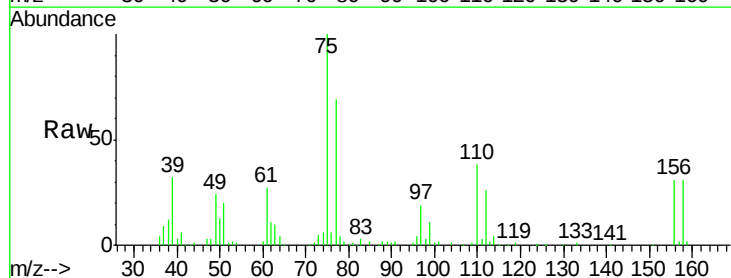
RT: 12.77 min Scan# 1782

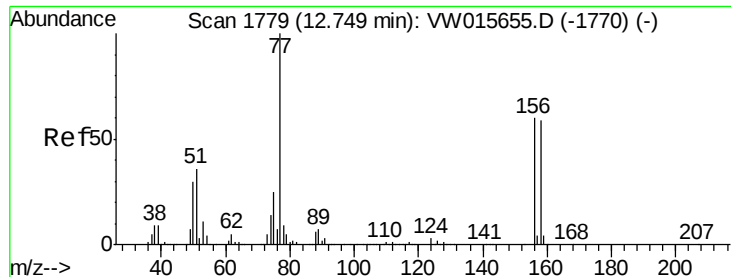
Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	75	Resp:	30409
Ion Ratio	Lower	Upper	
75	100		
77	347.5	179.1	537.1





#77

Bromobenzene

Concen: 19.828 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

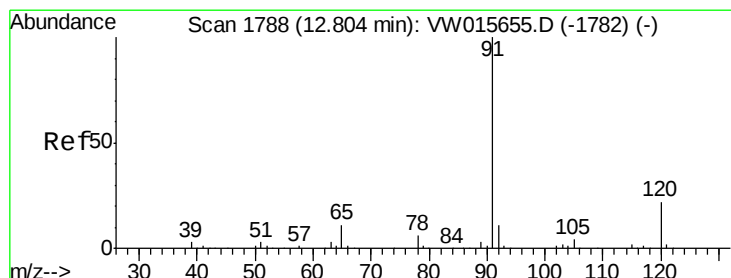
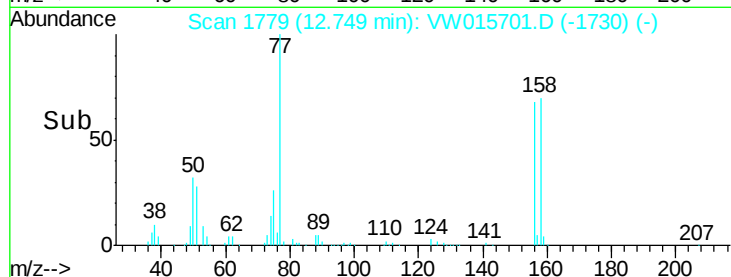
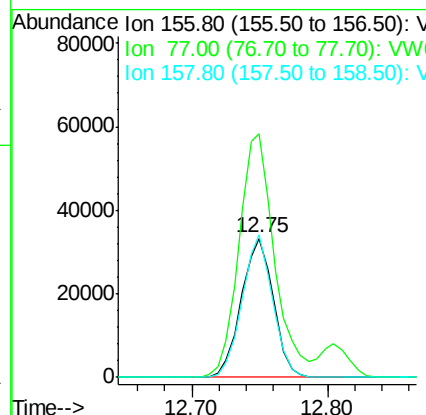
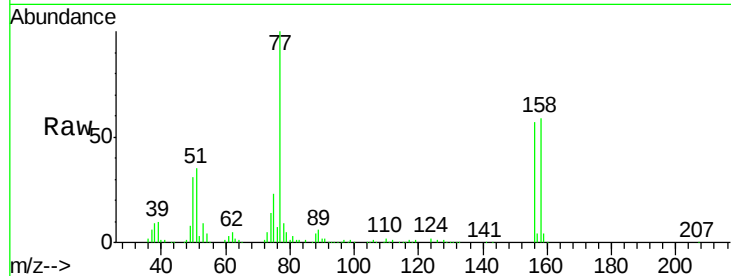
ClientSampleId :

VW0624SBSD02

Tot Ion:	156	Resp:	54646
Ion	Ratio	Lower	Upper
156	100		
77	193.3	94.5	283.5
158	97.3	47.9	143.6

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#78

n-propylbenzene

Concen: 19.575 ug/l

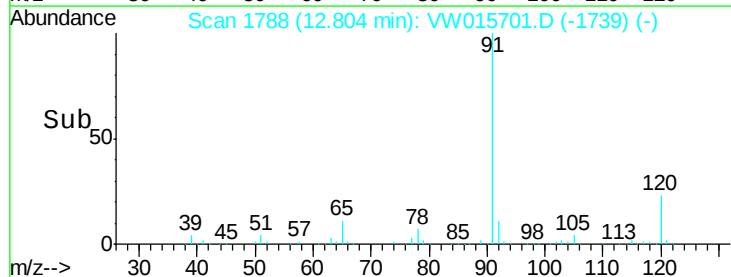
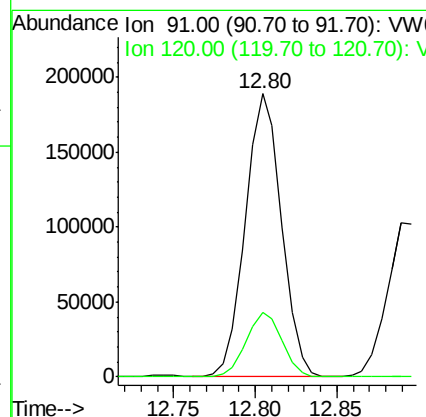
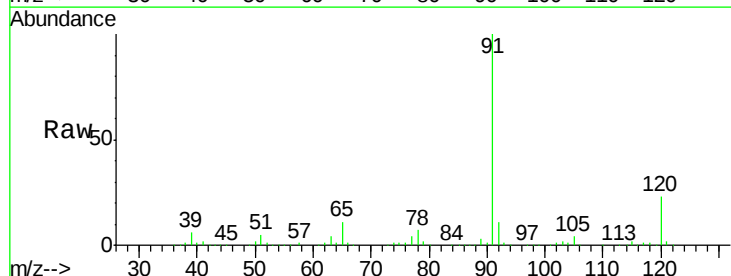
RT: 12.80 min Scan# 1788

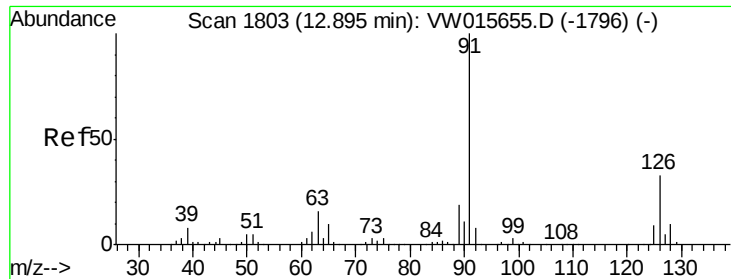
Delta R.T. 0.00 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Tgt Ion:	91	Resp:	291232
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.324 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW015701.D

Acq: 25 Jun 2020 00:12

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD02

Tot Ion: 91 Resp: 170253

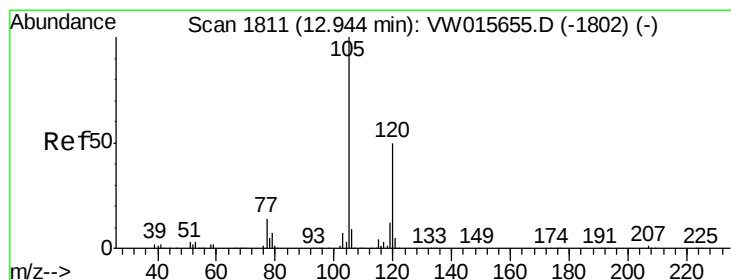
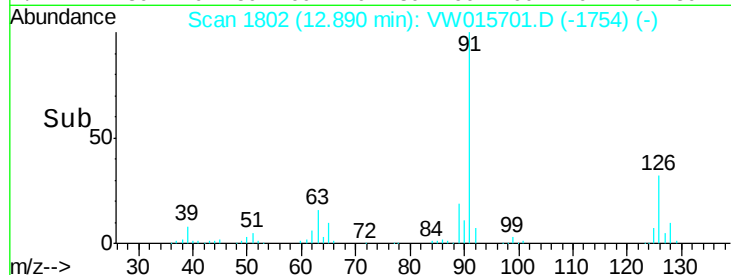
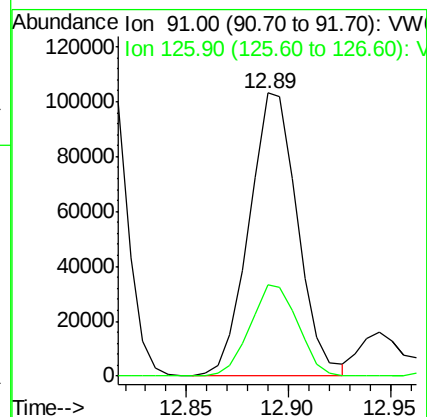
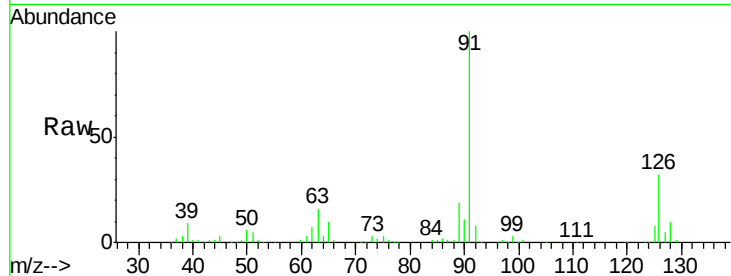
Ion Ratio Lower Upper

91 100

126 32.0 16.6 49.8

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.259 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015701.D

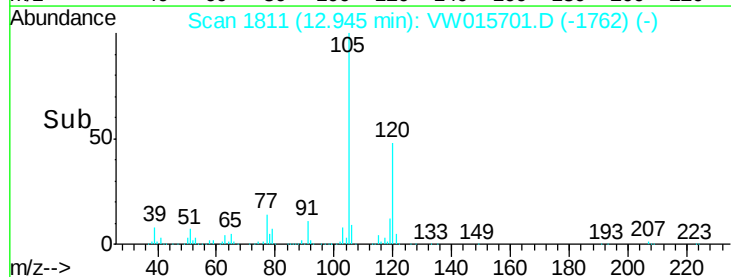
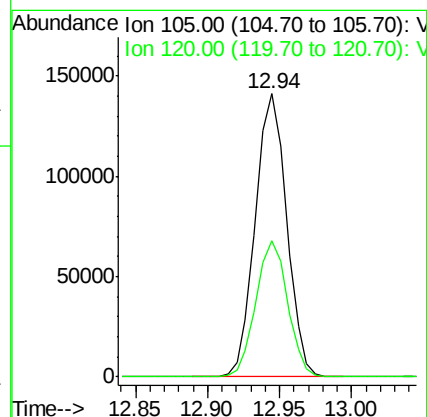
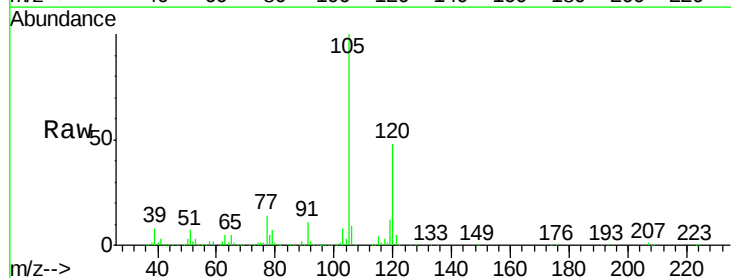
Acq: 25 Jun 2020 00:12

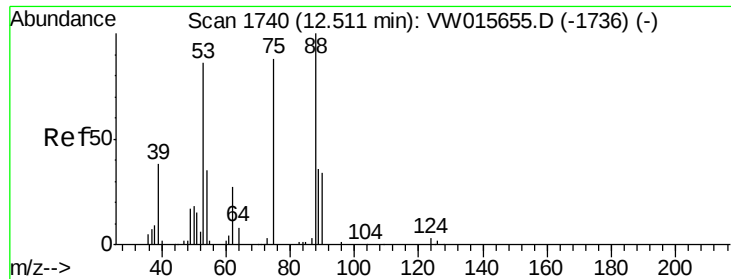
Tgt Ion:105 Resp: 212171

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.2





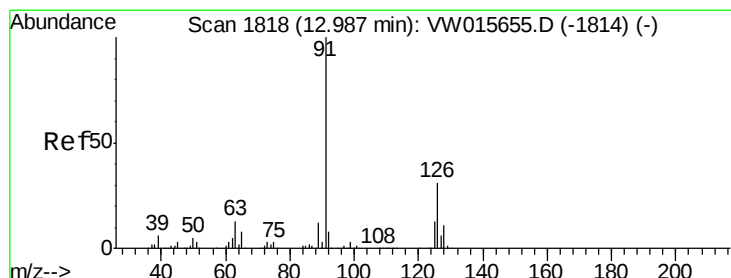
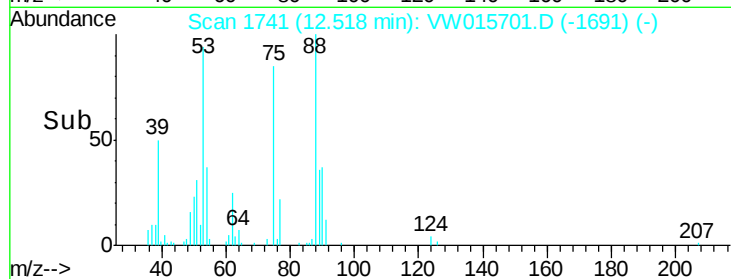
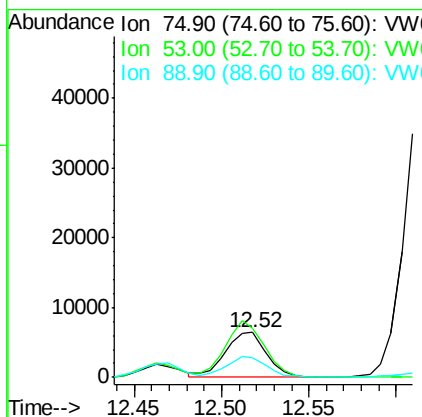
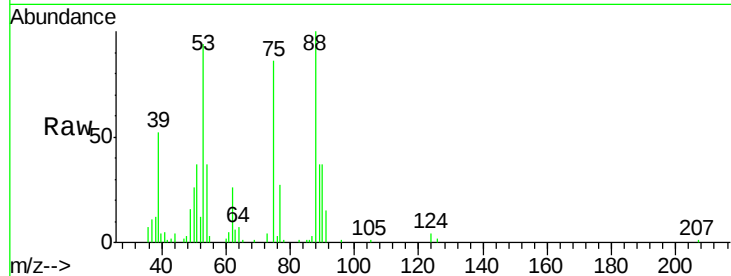
#81
trans-1,4-Dichloro-2-butene
Concen: 18.091 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.4	83.8	125.8
89	44.9	36.6	55.0

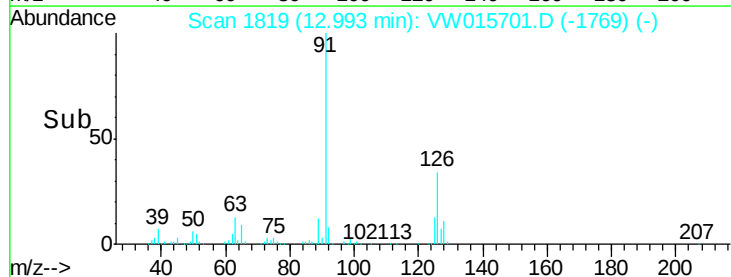
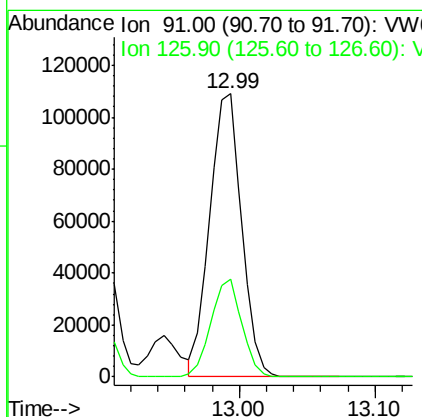
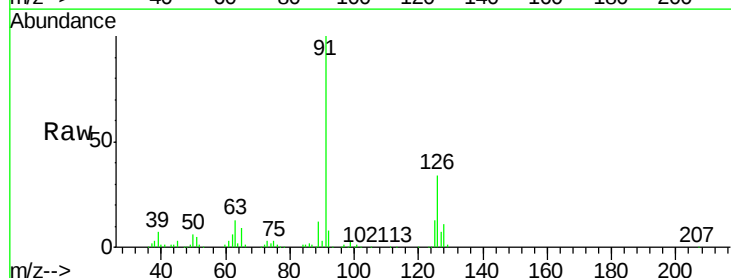
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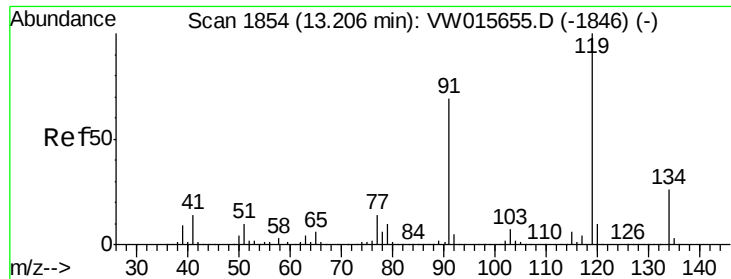
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.988 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.3	48.9





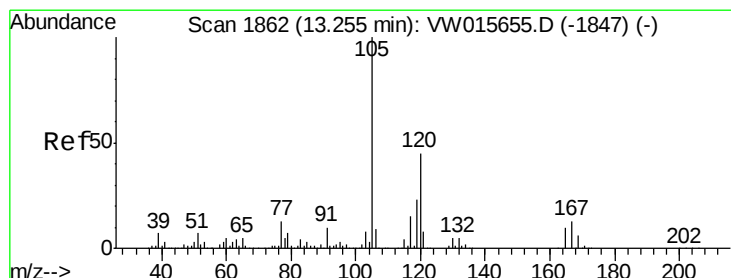
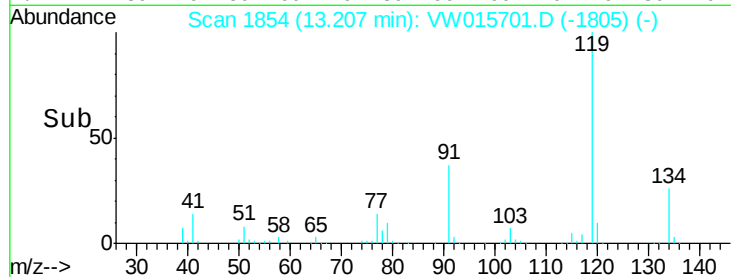
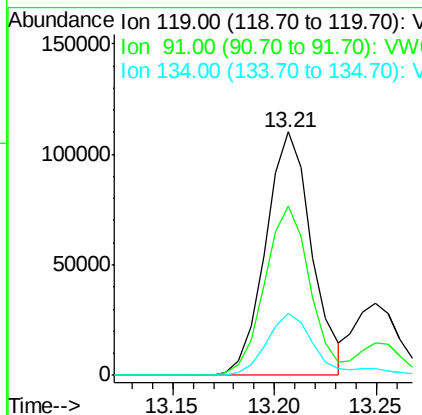
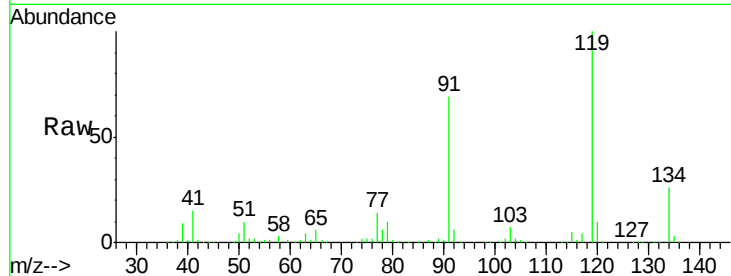
#83
tert-Butylbenzene
Concen: 19.587 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.7	104.1
134	25.3	13.8	41.4

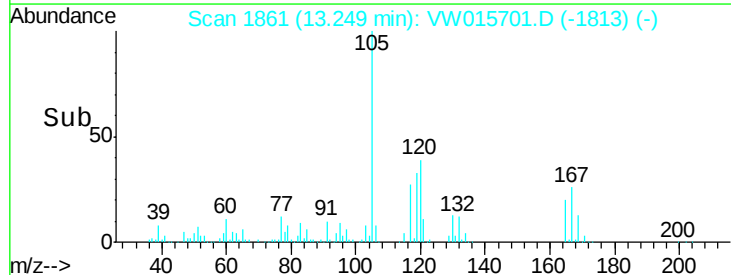
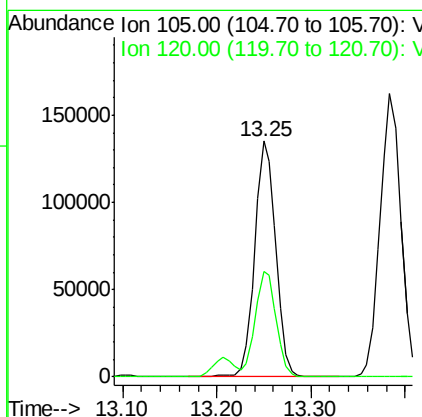
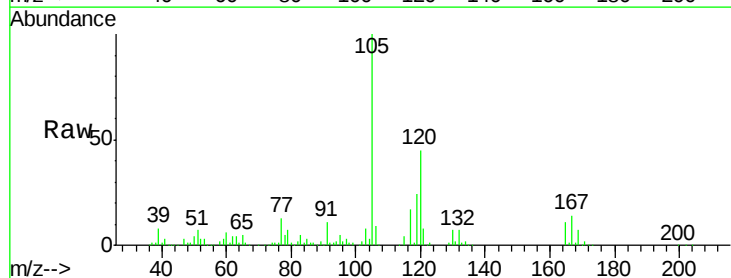
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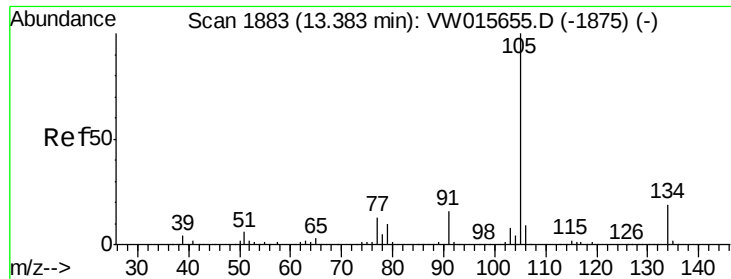
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#84
1,2,4-Trimethylbenzene
Concen: 20.384 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.8	68.3





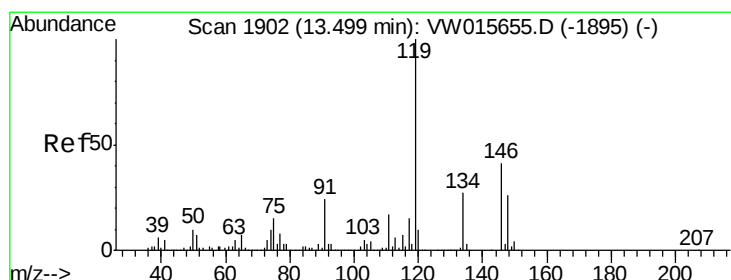
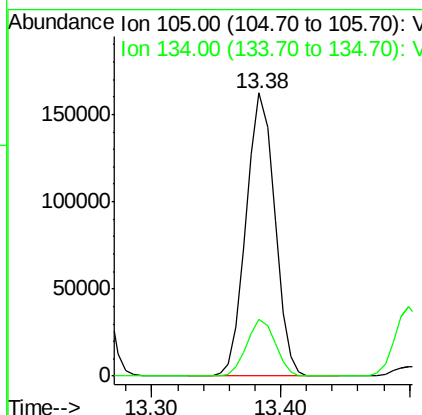
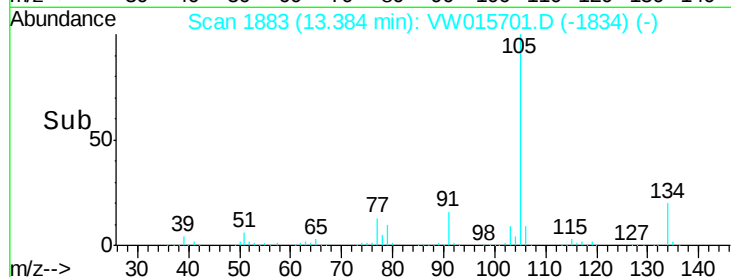
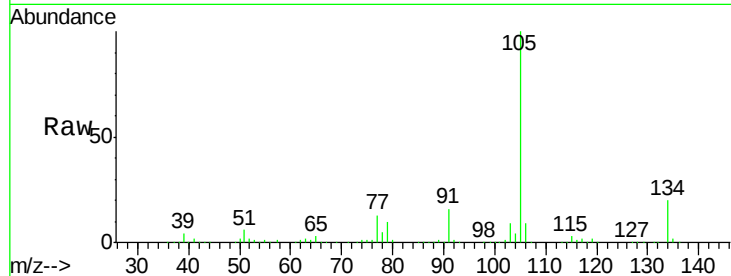
#85
 sec-Butylbenzene
 Concen: 19.757 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion:105 Resp: 249855
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8

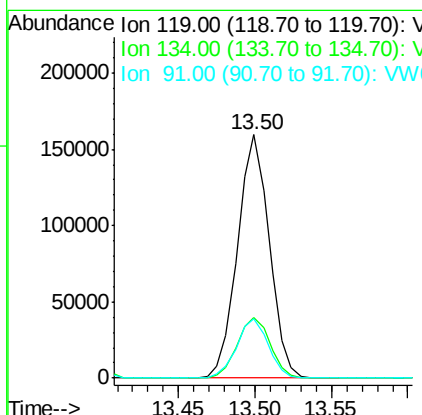
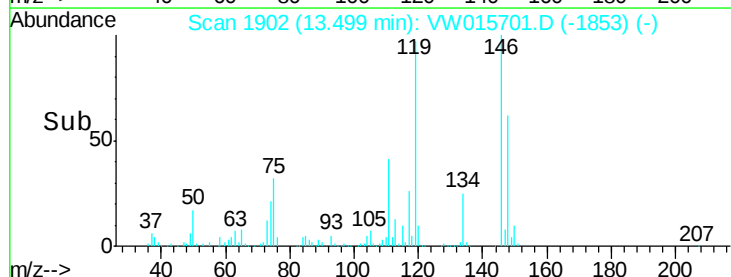
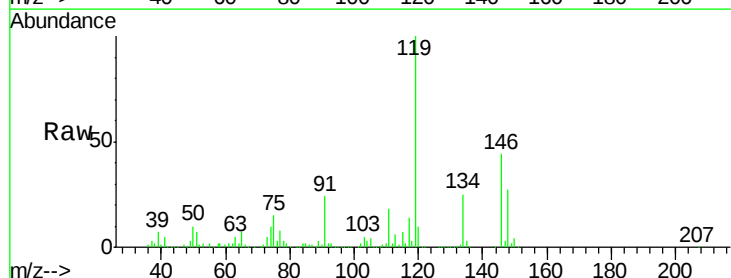
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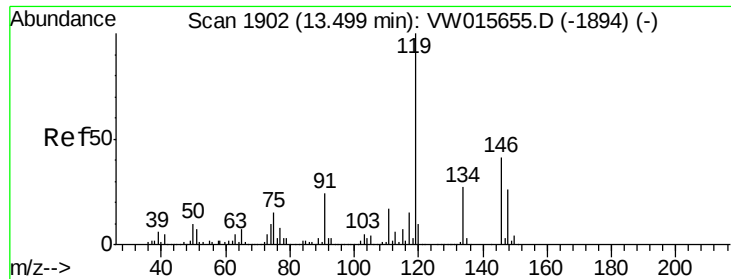
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#86
 p-Isopropyltoluene
 Concen: 20.002 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion:119 Resp: 229830
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 24.3 12.3 36.8





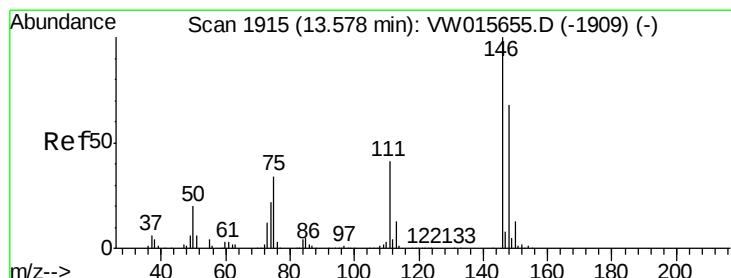
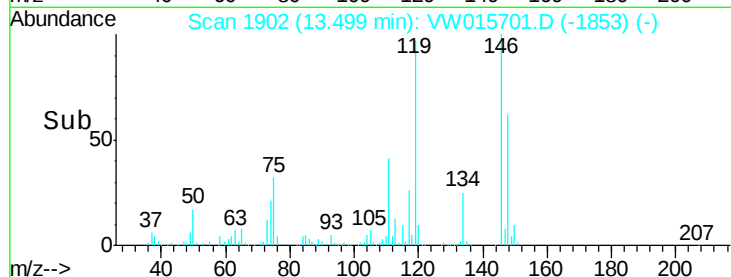
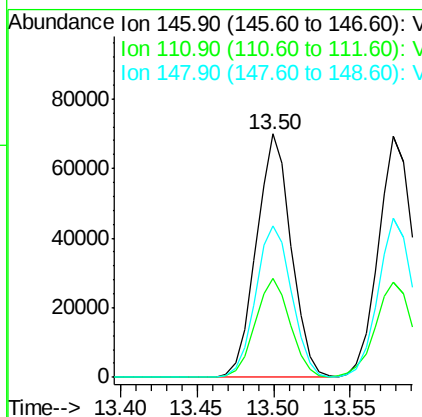
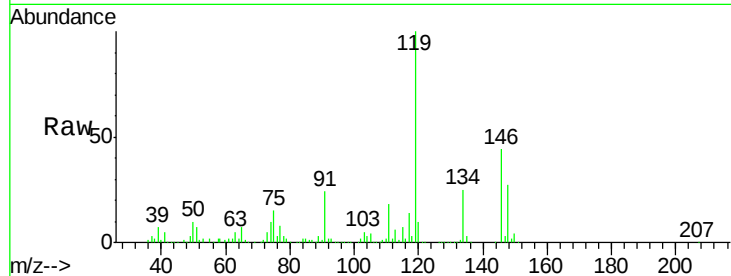
#87
 1,3-Dichlorobenzene
 Concen: 20.238 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110726		
111	40.8	20.3	60.8	
148	64.5	31.6	94.7	

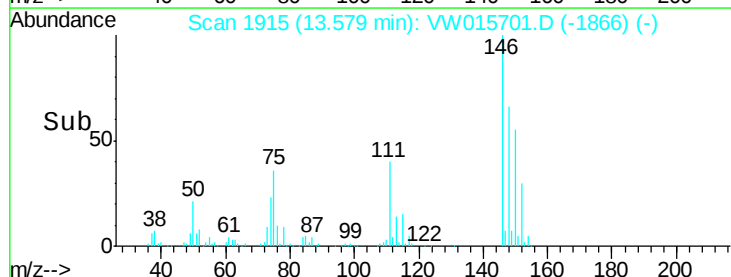
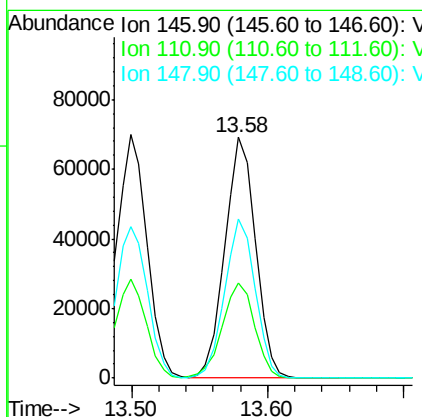
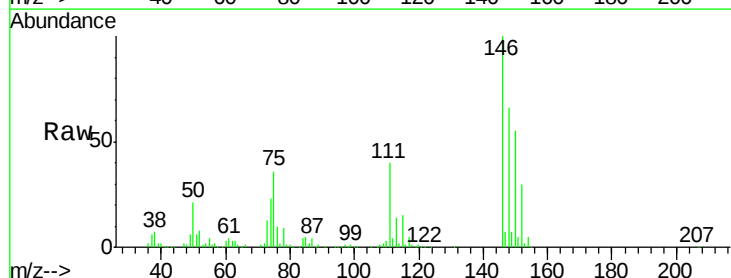
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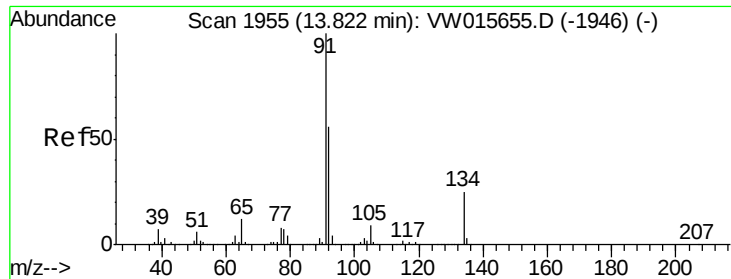
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#88
 1,4-Dichlorobenzene
 Concen: 20.025 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108507		
111	41.6	20.3	60.9	
148	65.8	33.7	101.1	





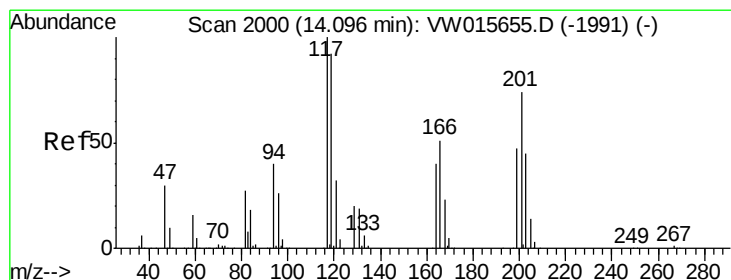
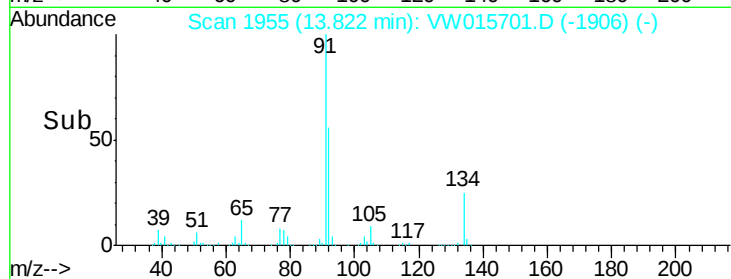
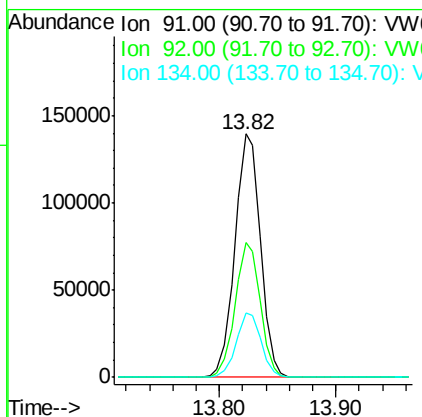
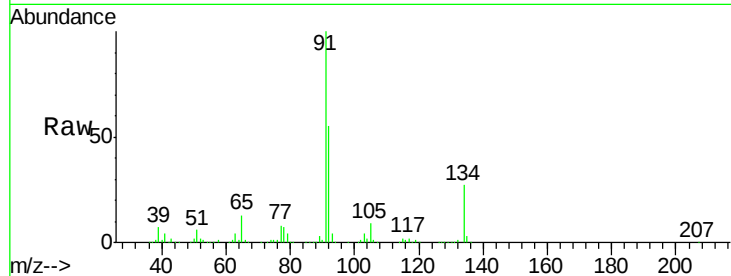
#89
n-Butylbenzene
Concen: 19.294 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	25.8	13.0	38.9

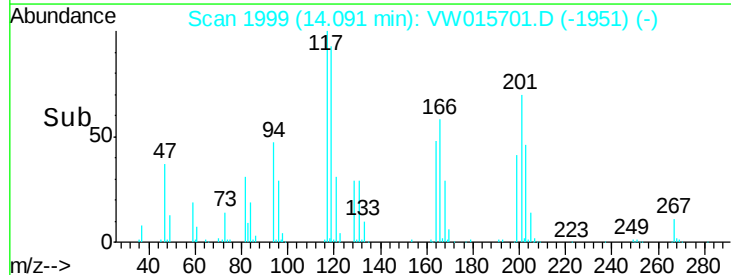
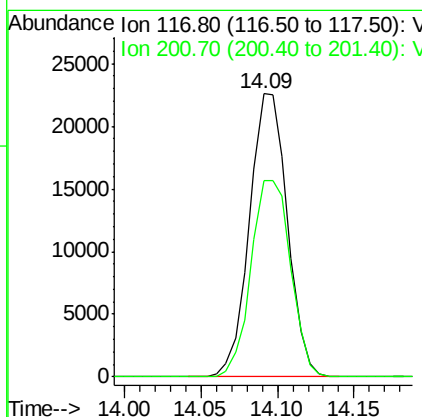
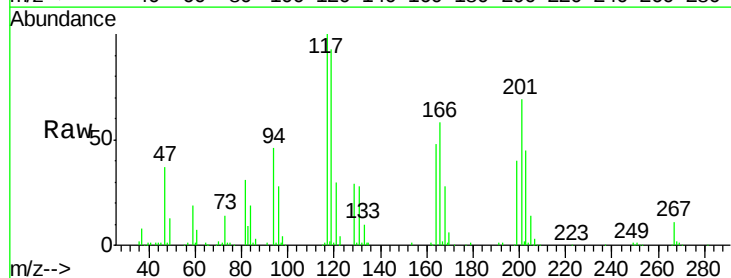
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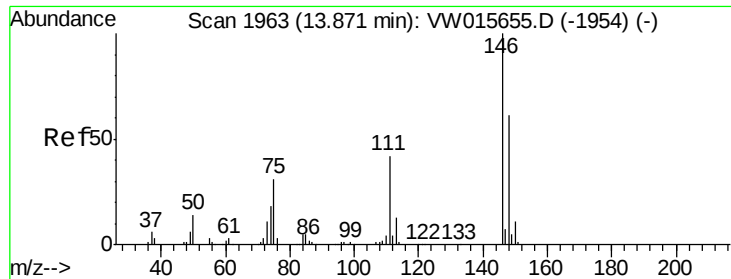
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#90
Hexachloroethane
Concen: 19.065 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.7	37.1	111.5





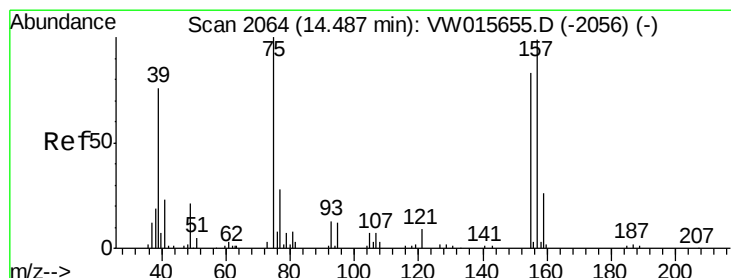
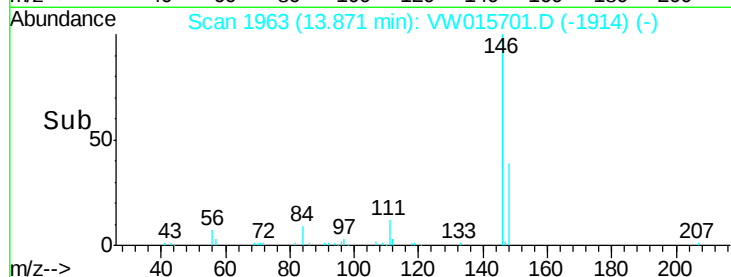
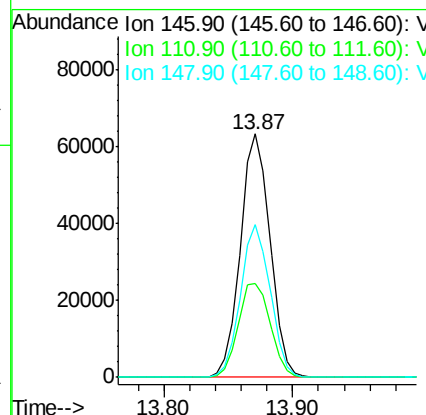
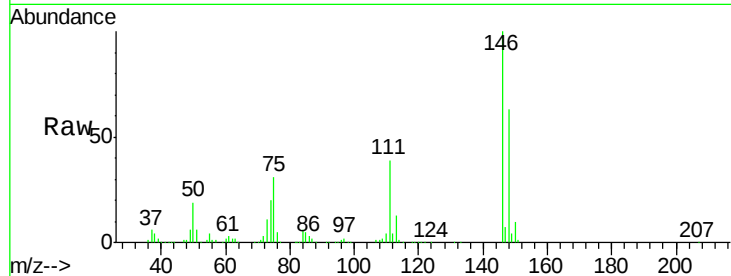
#91
 1,2-Dichlorobenzene
 Concen: 21.351 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	62.8	32.2	96.6

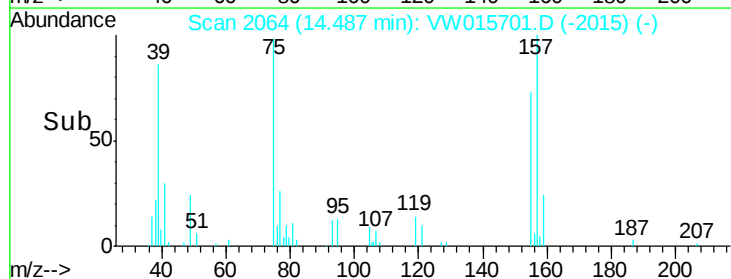
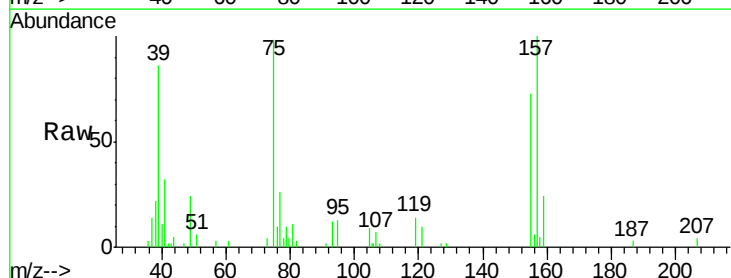
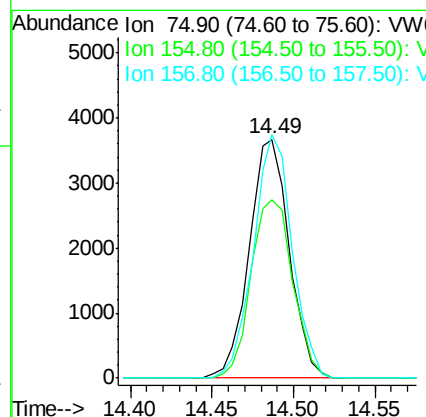
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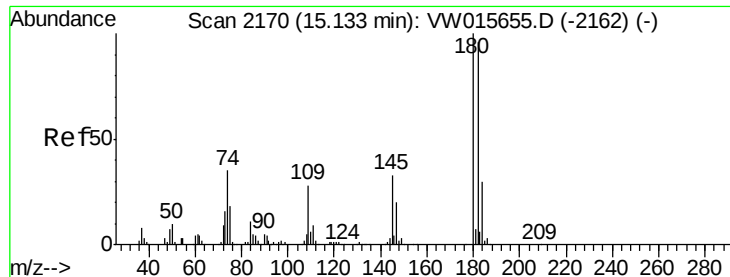
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.752 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.8	122.2
157	99.0	50.7	152.1





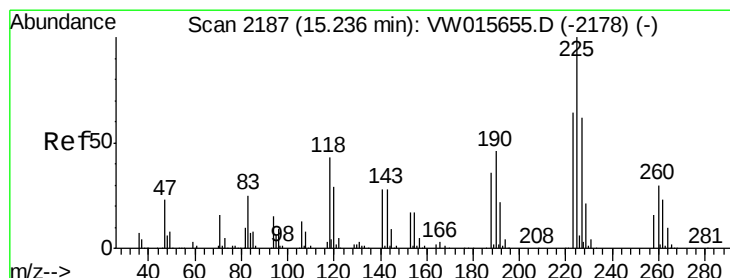
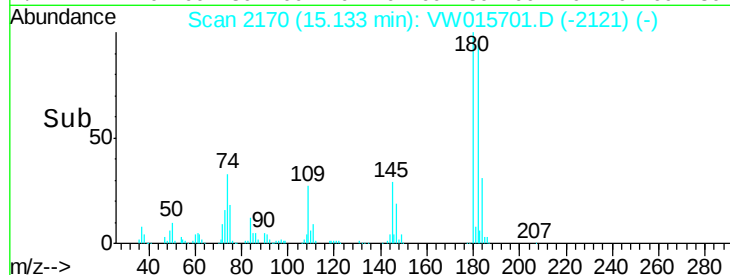
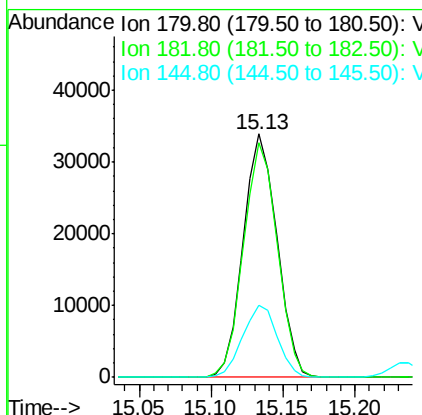
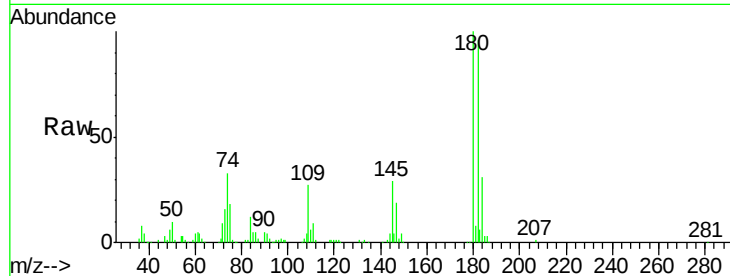
#93
 1,2,4-Trichlorobenzene
 Concen: 17.670 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55199		
182	96.3		47.9	143.6
145	30.3		15.6	46.7

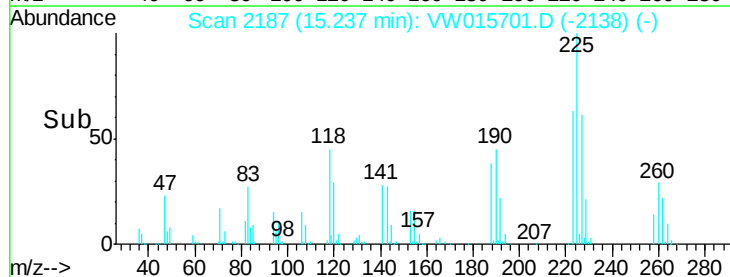
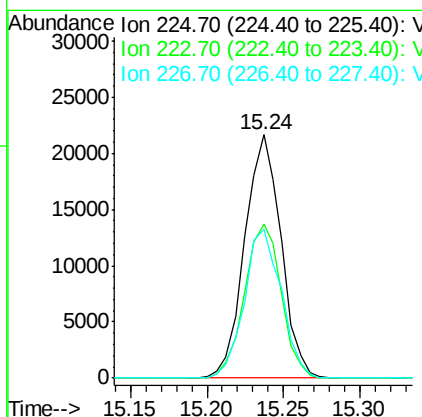
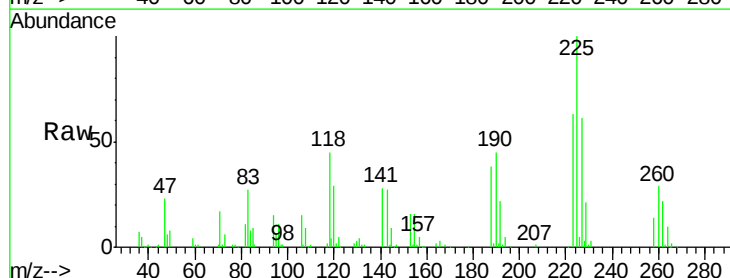
Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:25 PM



#94
 Hexachlorobutadiene
 Concen: 17.953 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015701.D
 Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35728		
223	64.1		31.0	93.0
227	62.2		31.9	95.9





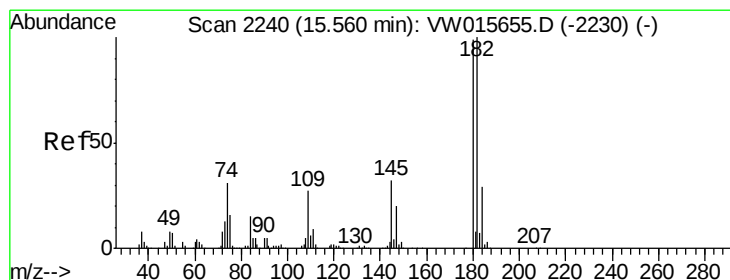
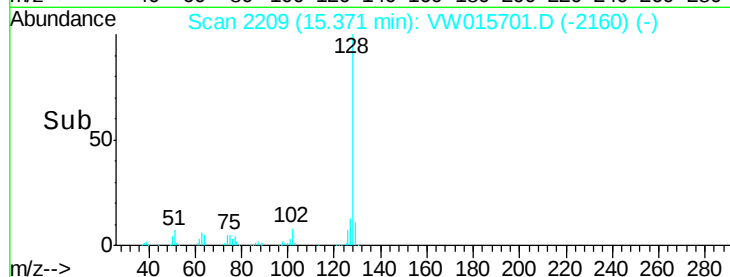
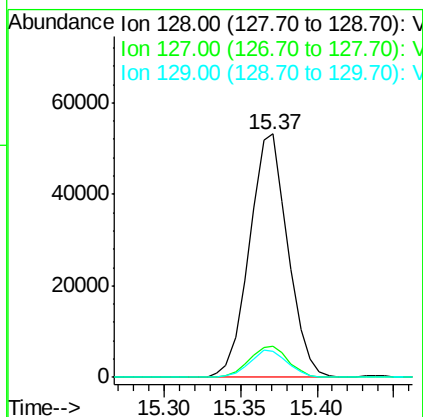
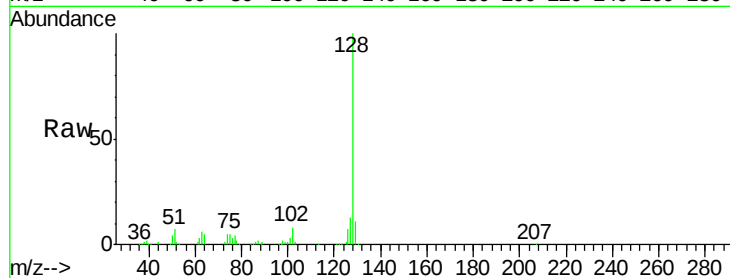
#95
Naphthalene
Concen: 17.950 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:18:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.170 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015701.D
Acq: 25 Jun 2020 00:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	49.0	147.0
145	33.4	16.4	49.2

