

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015675.D
 Acq On : 24 Jun 2020 11:52
 Operator : SY/VA
 Sample : VW0624SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:15:30 PM

Quant Time: Jun 25 02:50:22 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	201136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	321034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149703	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112370	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.89	113	101196	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.32	98	403863	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	148364	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	23223	19.364	ug/l	96
3) Chloromethane	2.21	50	29185	20.724	ug/l	100
4) Vinyl Chloride	2.37	62	47963	21.067	ug/l	99
5) Bromomethane	2.79	94	37962	22.686	ug/l	97
6) Chloroethane	2.93	64	34162	22.801	ug/l	99
7) Trichlorofluoromethane	3.26	101	35095	20.530	ug/l	95
8) Diethyl Ether	3.68	74	20864	21.133	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	42178	20.932	ug/l	98
10) Methyl Iodide	4.27	142	57800	20.287	ug/l	99
11) Tert butyl alcohol	5.23	59	12448m	77.373	ug/l	
12) 1,1-Dichloroethene	4.04	96	39620	20.193	ug/l	98
13) Acrolein	3.90	56	13822	88.910	ug/l	96
14) Allyl chloride	4.67	41	64165	20.158	ug/l	99
15) Acrylonitrile	5.38	53	39775	97.648	ug/l	99
16) Acetone	4.15	43	37804	88.860	ug/l	97
17) Carbon Disulfide	4.38	76	111338	19.717	ug/l	99
18) Methyl Acetate	4.68	43	19741	19.611	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	60817	20.596	ug/l	98
20) Methylene Chloride	4.92	84	54244	23.781	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	46532	20.686	ug/l	96
22) Diisopropyl ether	6.32	45	131345	20.746	ug/l	95
23) Vinyl Acetate	6.26	43	374254	101.370	ug/l	100
24) 1,1-Dichloroethane	6.22	63	84049	21.090	ug/l	100
25) 2-Butanone	7.18	43	55114	95.852	ug/l	99
26) 2,2-Dichloropropane	7.17	77	55783	20.870	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	50365	20.813	ug/l	99
28) Bromochloromethane	7.51	49	32402	21.137	ug/l	98
29) Tetrahydrofuran	7.54	42	32876	97.299	ug/l	99
30) Chloroform	7.68	83	85634	20.952	ug/l	99
31) Cyclohexane	7.96	56	75852	19.676	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	71788	20.606	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69059	20.682	ug/l	99
37) Ethyl Acetate	7.26	43	25275	19.825	ug/l	99
38) Carbon Tetrachloride	8.07	117	66100	20.422	ug/l	96

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Manual Integrations
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Quant Time: Jun 25 02:50:22 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)
39) Methylcyclohexane	9.34	83	80199	19.830	ug/l	97
40) Benzene	8.32	78	189579	20.881	ug/l	100
41) Methacrylonitrile	7.49	41	14610	19.967	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58548	20.845	ug/l	99
43) Isopropyl Acetate	8.43	43	50883	19.999	ug/l	99
44) Trichloroethene	9.09	130	50597	20.676	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45904	20.685	ug/l	99
46) Dibromomethane	9.46	93	23728	20.665	ug/l	97
47) Bromodichloromethane	9.65	83	61032	20.377	ug/l	100
48) Methyl methacrylate	9.44	41	23045	19.812	ug/l	99
49) 1,4-Dioxane	9.48	88	5388	357.703	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	121605	99.111	ug/l	99
52) Toluene	10.39	92	124552	21.245	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	57326	19.812	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	68911	19.936	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32775	20.530	ug/l	97
56) Ethyl methacrylate	10.65	69	39347	19.808	ug/l #	92
57) 1,3-Dichloropropane	10.93	76	58600	20.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	100050	106.435	ug/l	99
59) 2-Hexanone	10.97	43	82358	98.596	ug/l	98
60) Dibromochloromethane	11.13	129	37739	20.286	ug/l	97
61) 1,2-Dibromoethane	11.24	107	31495	20.639	ug/l	99
64) Tetrachloroethene	10.87	164	42915	20.843	ug/l	97
65) Chlorobenzene	11.66	112	130610	21.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45799	21.139	ug/l	99
67) Ethyl Benzene	11.73	91	242256	21.066	ug/l	100
68) m/p-Xylenes	11.84	106	182849	42.344	ug/l	98
69) o-Xylene	12.17	106	82441	20.764	ug/l	100
70) Styrene	12.18	104	142901	21.066	ug/l	99
71) Bromoform	12.35	173	20061	20.124	ug/l #	100
73) Isopropylbenzene	12.47	105	234369	20.523	ug/l	99
74) N-amyl acetate	12.27	43	47382	19.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37377	20.459	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	27022m	19.789	ug/l	
77) Bromobenzene	12.75	156	53141	20.869	ug/l	98
78) n-propylbenzene	12.80	91	286342	20.831	ug/l	100
79) 2-Chlorotoluene	12.90	91	161278	20.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	201344	20.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10306	19.019	ug/l	93
82) 4-Chlorotoluene	12.99	91	171282	20.918	ug/l	100
83) tert-Butylbenzene	13.21	119	167935	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	204267	21.167	ug/l	99
85) sec-Butylbenzene	13.38	105	247953	21.220	ug/l	99
86) p-Isopropyltoluene	13.50	119	225251	21.217	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	104085	20.591	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	102293	20.432	ug/l	99
89) n-Butylbenzene	13.82	91	215015	21.098	ug/l	98
90) Hexachloroethane	14.10	117	37797	20.006	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	91678	20.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5666	19.368	ug/l	96

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VW0624SBSD01

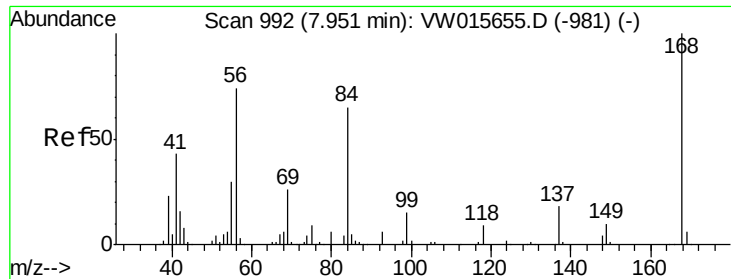
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58573	20.294	ug/l	96
94) Hexachlorobutadiene	15.24	225	37725	20.517	ug/l	98
95) Naphthalene	15.37	128	91570	19.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	47688	19.190	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion:168 Resp: 201136

Ion Ratio Lower Upper

168 100

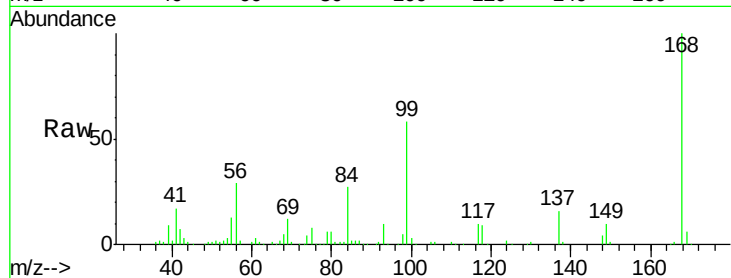
99 57.9 48.6 73.0

Manual Integrations

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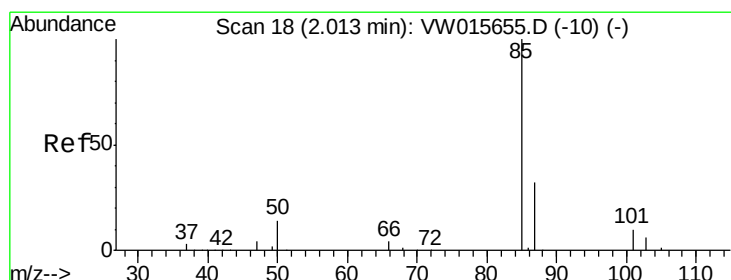
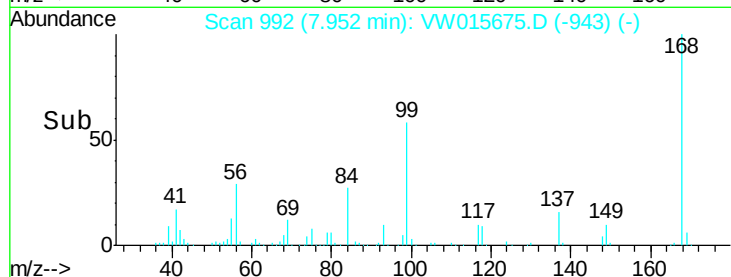
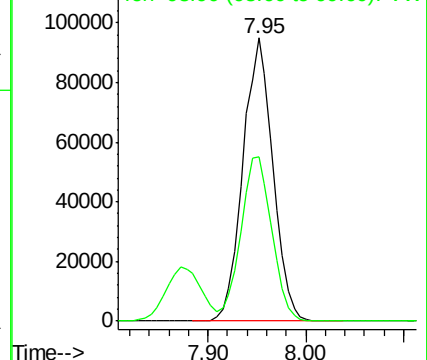
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.364 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015675.D

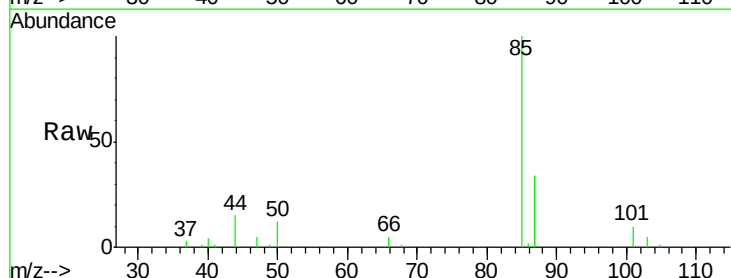
Acq: 24 Jun 2020 11:52

Tgt Ion: 85 Resp: 23223

Ion Ratio Lower Upper

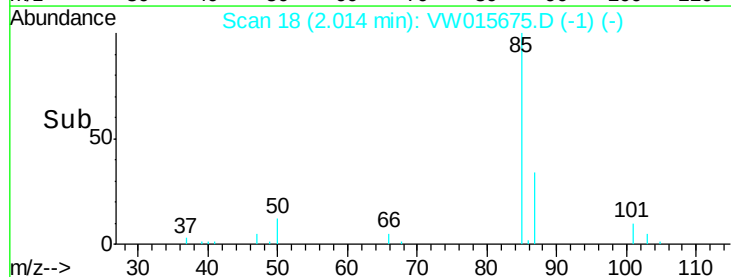
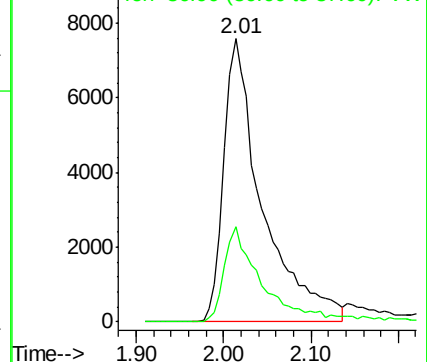
85 100

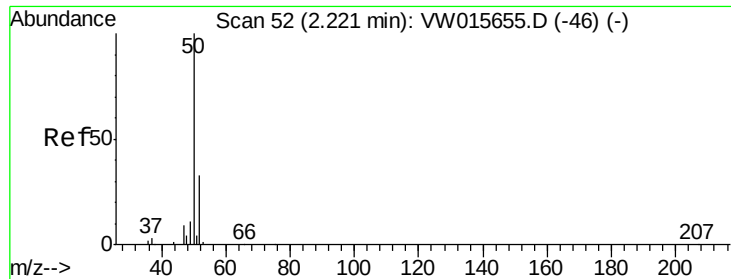
87 33.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.724 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 50 Resp: 29185

Ion Ratio Lower Upper

50 100

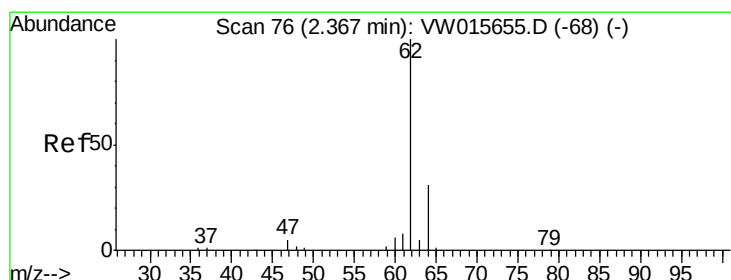
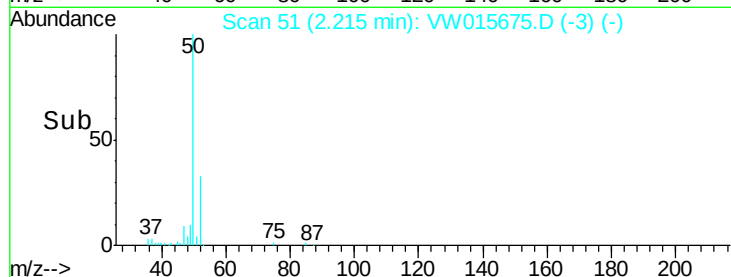
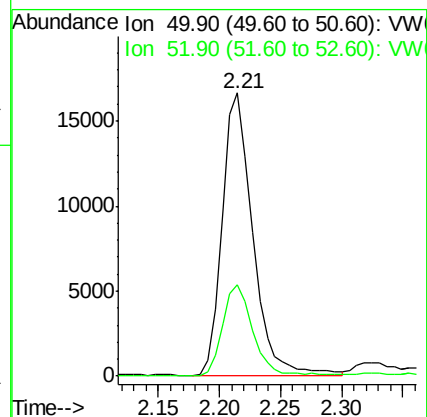
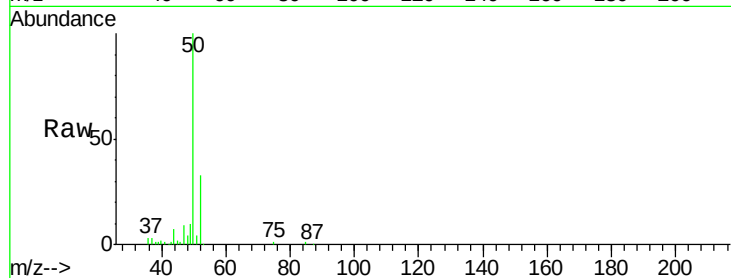
52 32.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.067 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015675.D

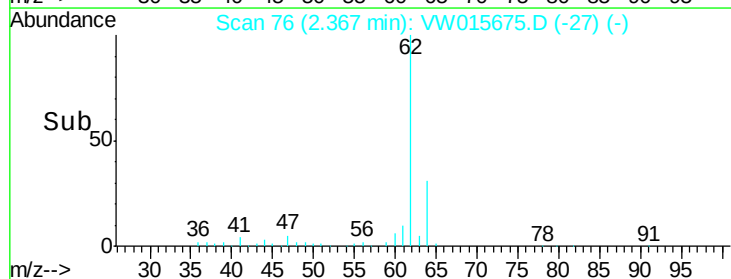
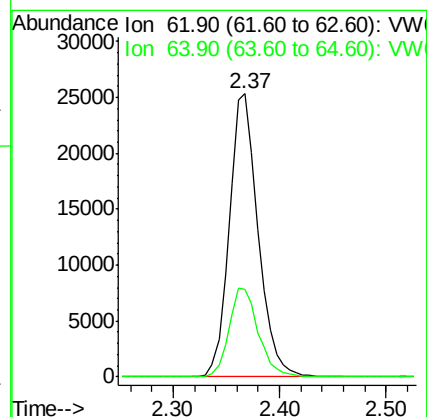
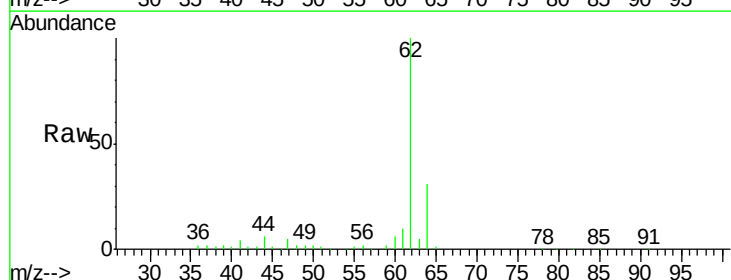
Acq: 24 Jun 2020 11:52

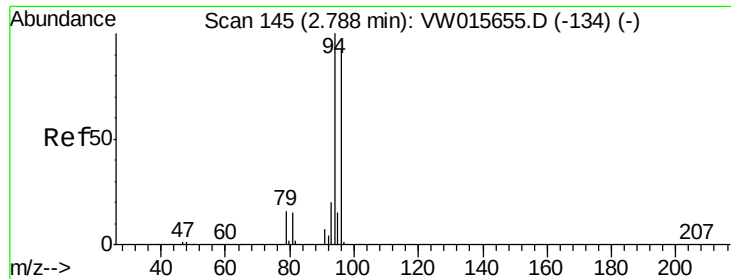
Tgt Ion: 62 Resp: 47963

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7





#5

Bromomethane

Concen: 22.686 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 94 Resp: 37962

Ion Ratio Lower Upper

94 100

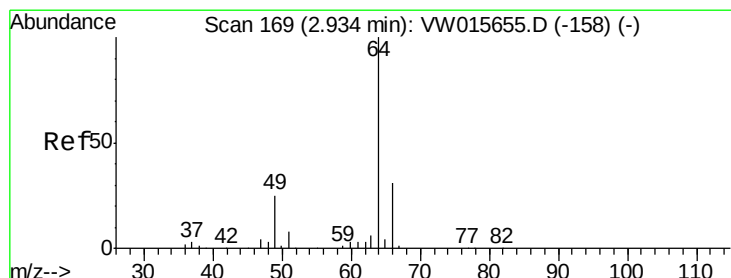
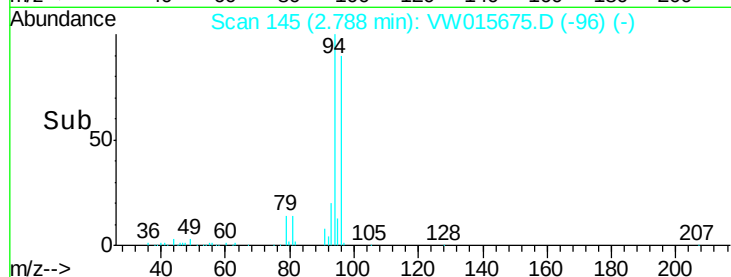
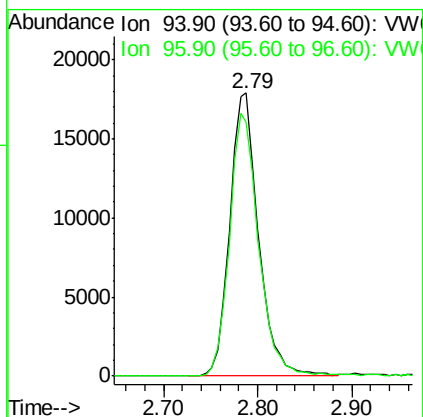
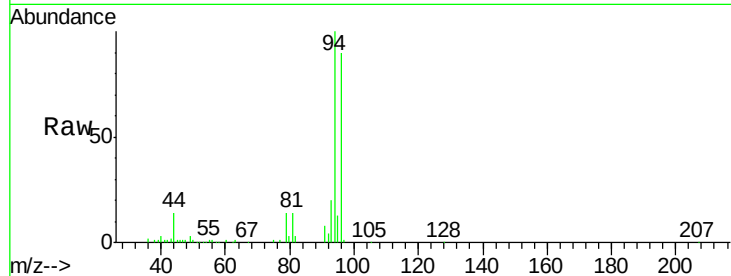
96 89.6 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 22.801 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015675.D

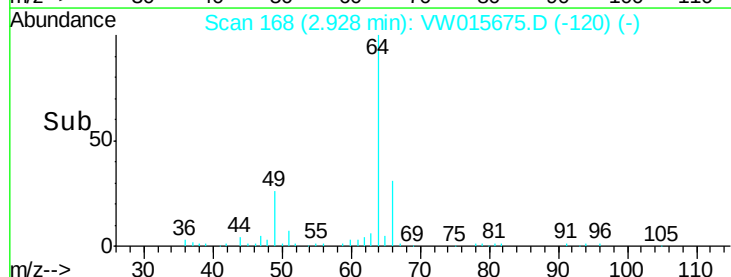
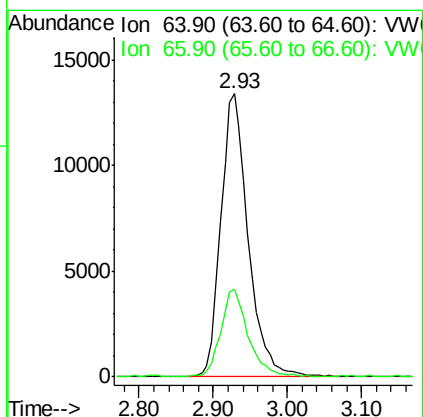
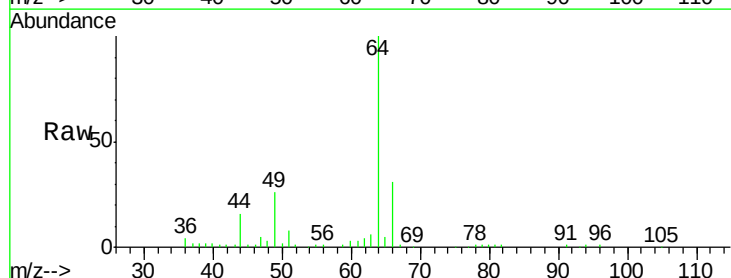
Acq: 24 Jun 2020 11:52

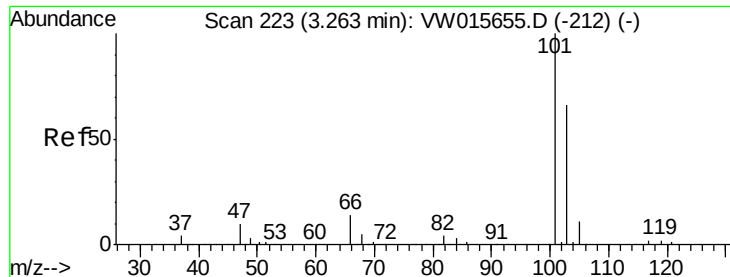
Tgt Ion: 64 Resp: 34162

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9





#7

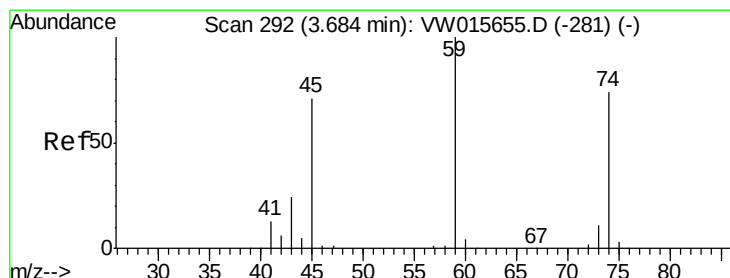
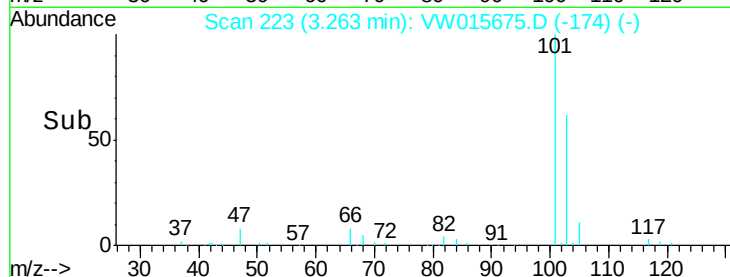
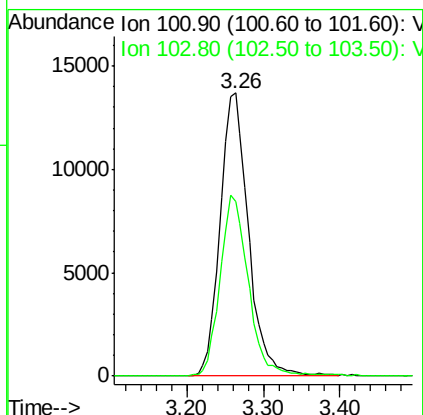
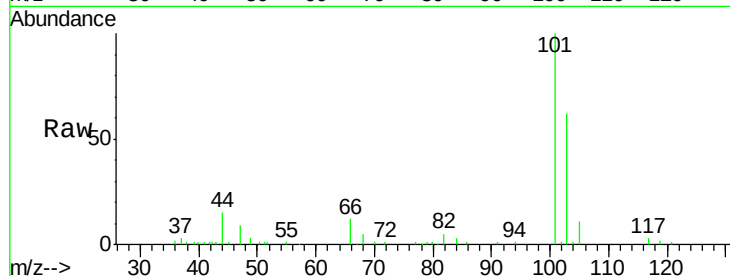
Trichlorofluoromethane
Concen: 20.530 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion:101 Resp: 35095
Ion Ratio Lower Upper
101 100
103 61.9 52.6 78.8

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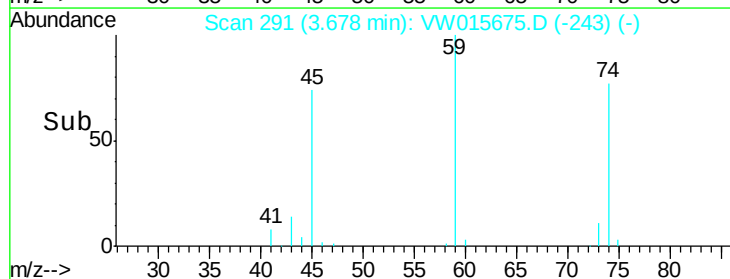
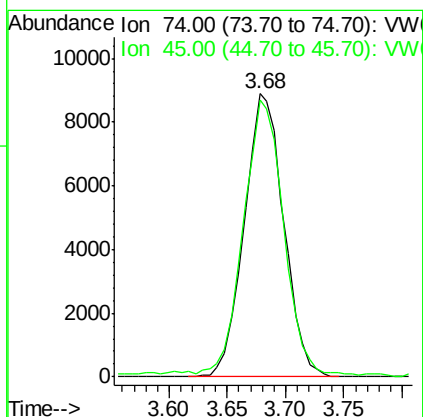
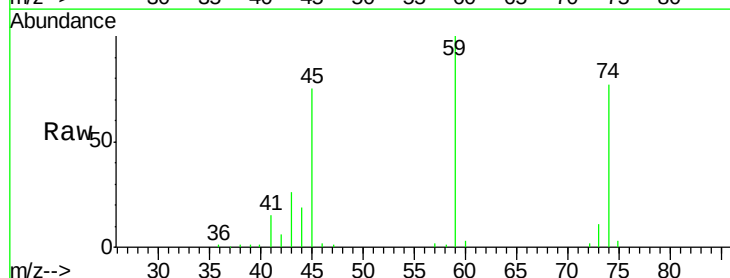
MMDadoda
6/25/2020 4:15:30 PM

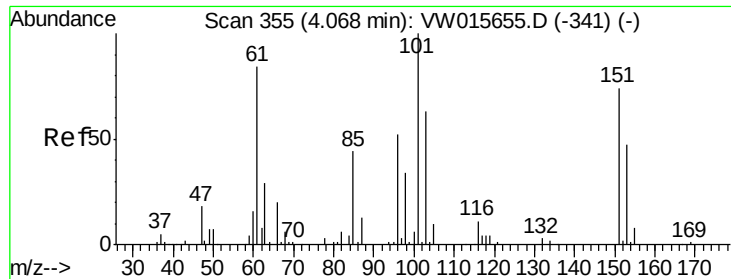


#8

Diethyl Ether
Concen: 21.133 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion: 74 Resp: 20864
Ion Ratio Lower Upper
74 100
45 98.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.932 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

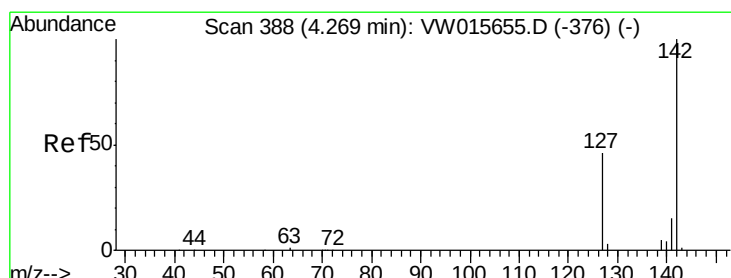
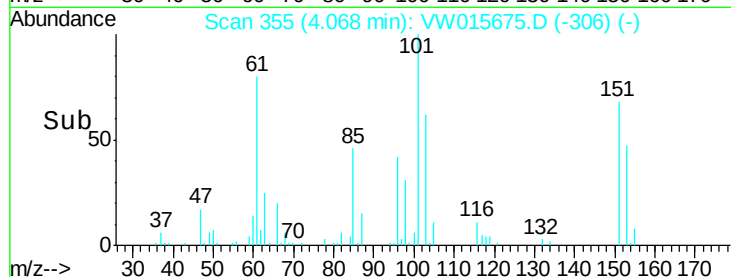
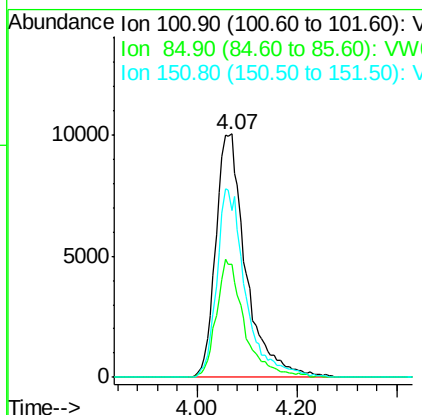
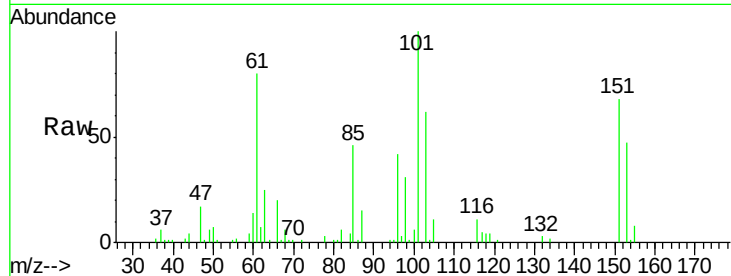
ClientSampleId :

VW0624SBSD01

Tot Ion:	101	Resp:	42178
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.6	55.0
151	73.8	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.287 ug/l

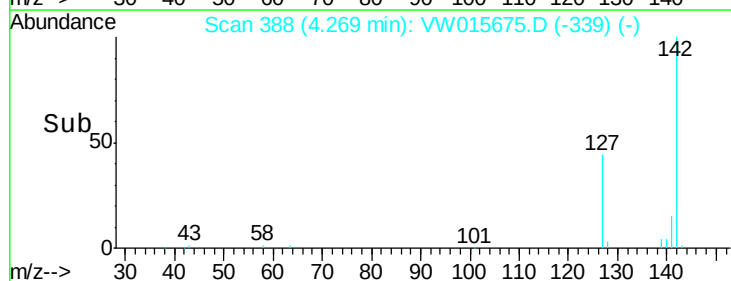
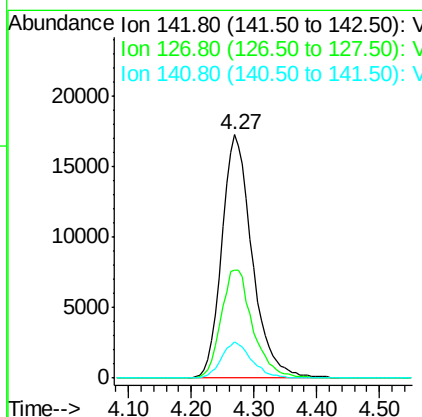
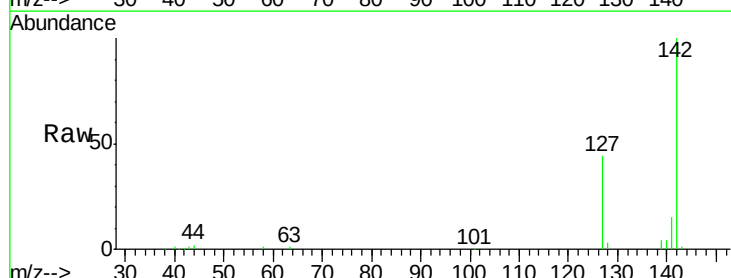
RT: 4.27 min Scan# 388

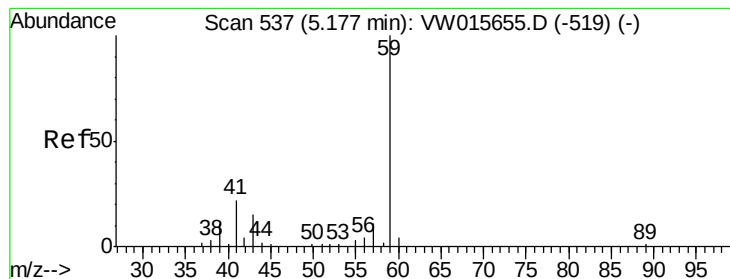
Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	142	Resp:	57800
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.4	54.6
141	14.9	11.6	17.4





#11

Tert butyl alcohol

Concen: 77.373 ug/l m

RT: 5.23 min Scan# 546

Delta R.T. 0.06 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 59 Resp: 12448

Ion Ratio Lower Upper

59 100

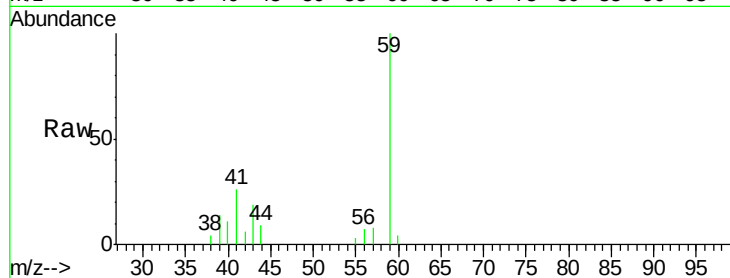
57 0.0 8.4 12.6#

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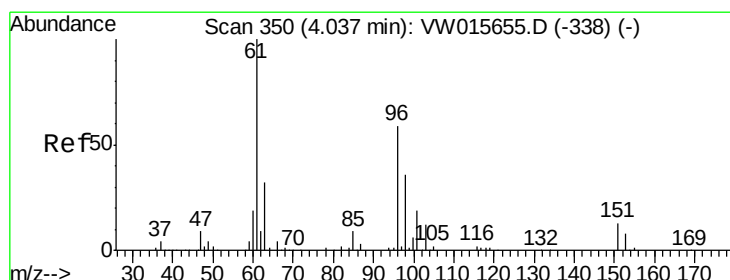
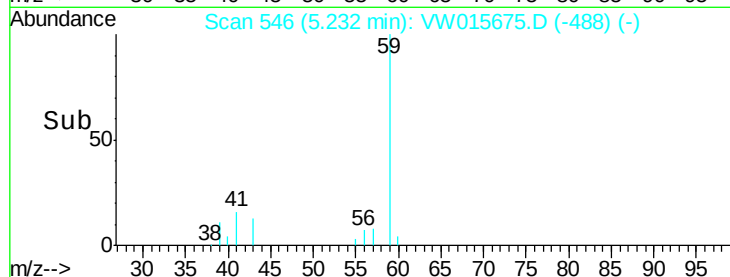
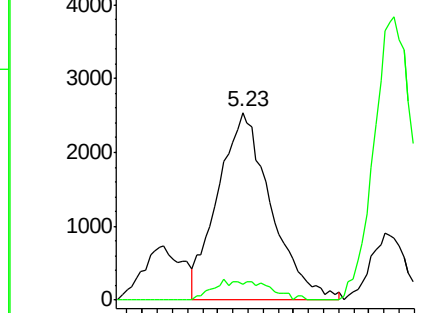
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Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.193 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

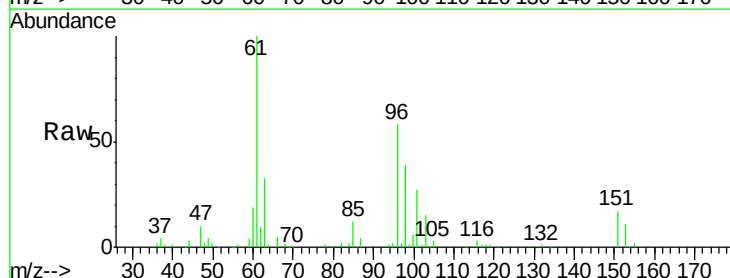
Tgt Ion: 96 Resp: 39620

Ion Ratio Lower Upper

96 100

61 171.5 136.7 205.1

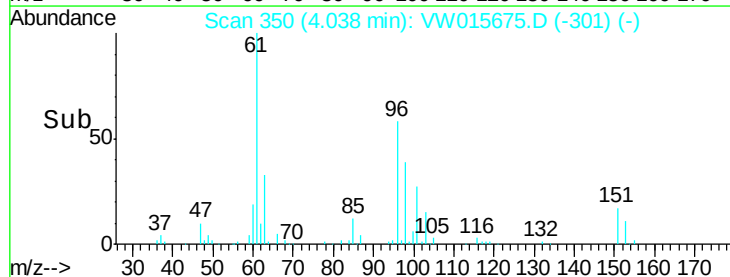
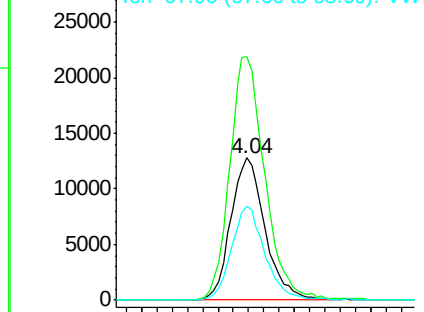
98 66.1 49.2 73.8

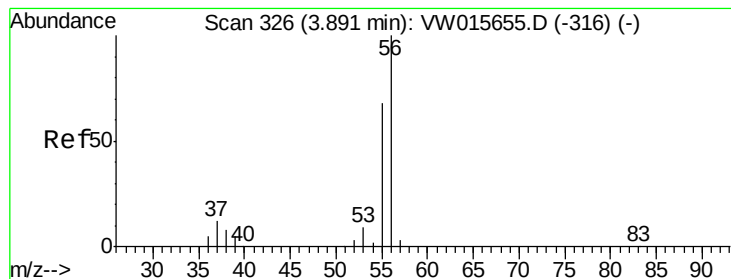


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 88.910 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 56 Resp: 13822

Ion Ratio Lower Upper

56 100

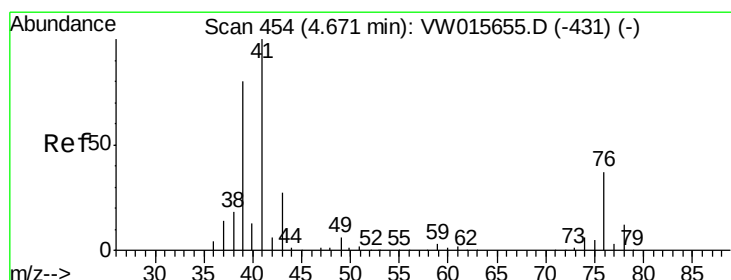
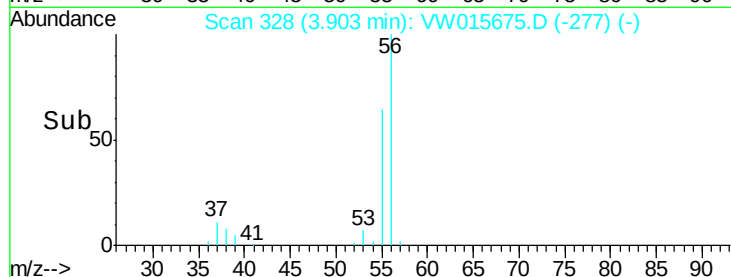
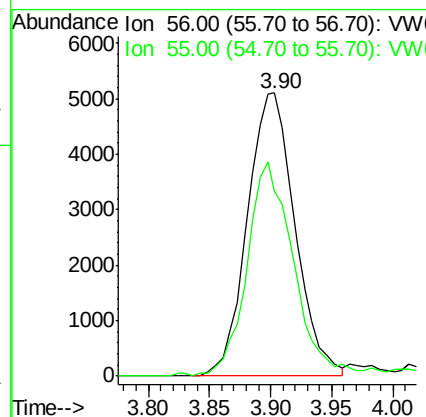
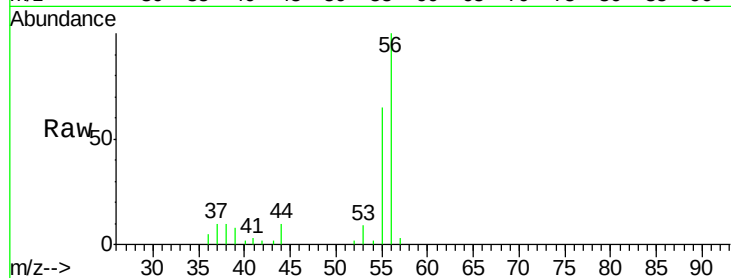
55 73.8 56.2 84.2

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#14

Allyl chloride

Concen: 20.158 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

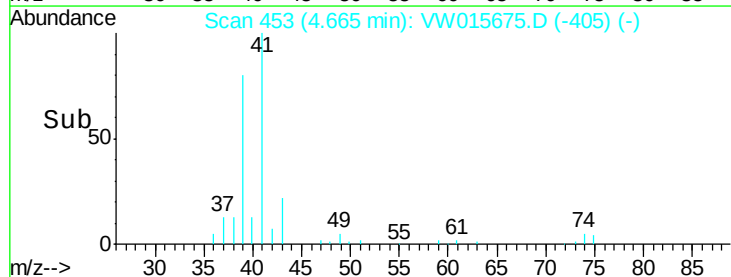
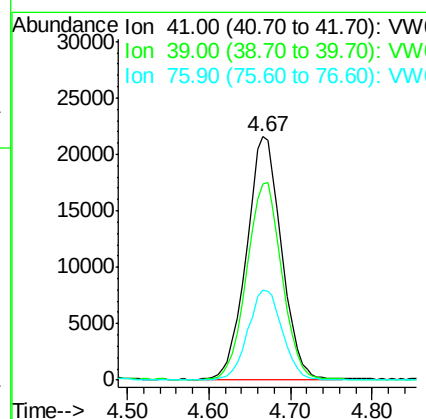
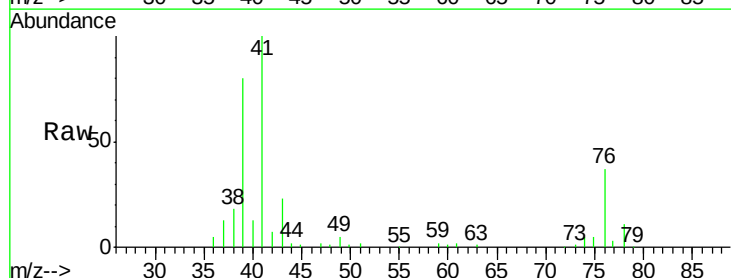
Tgt Ion: 41 Resp: 64165

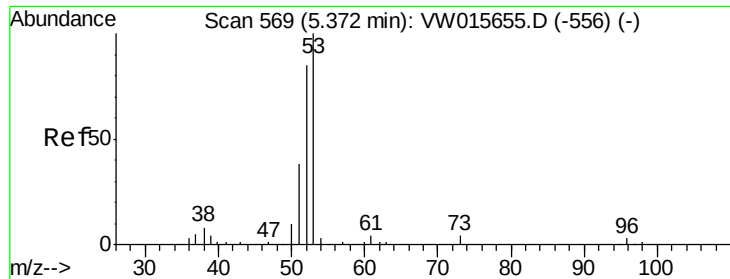
Ion Ratio Lower Upper

41 100

39 82.1 64.6 97.0

76 36.4 29.1 43.7





#15

Acrylonitrile

Concen: 97.648 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

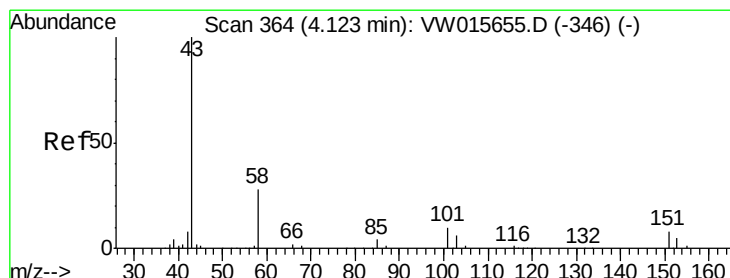
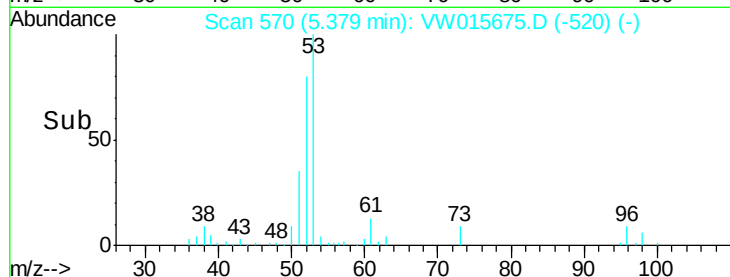
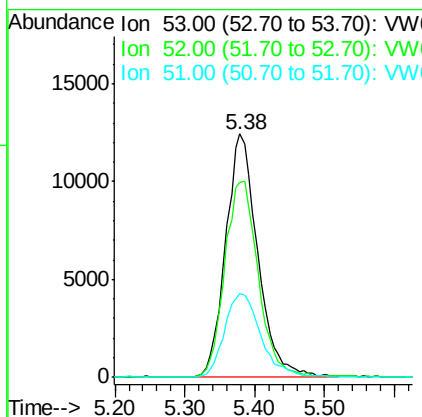
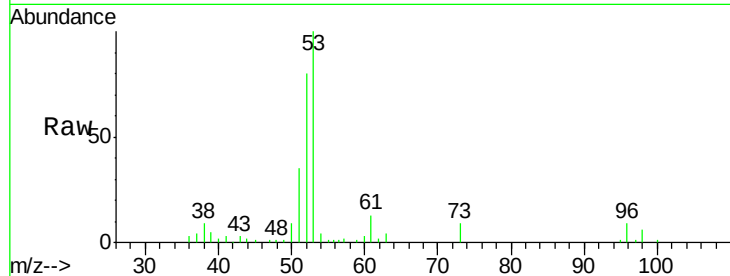
ClientSampleId :

VW0624SBSD01

Tot Ion:	53	Resp:	39775
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.8	98.6
51	38.7	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 88.860 ug/l

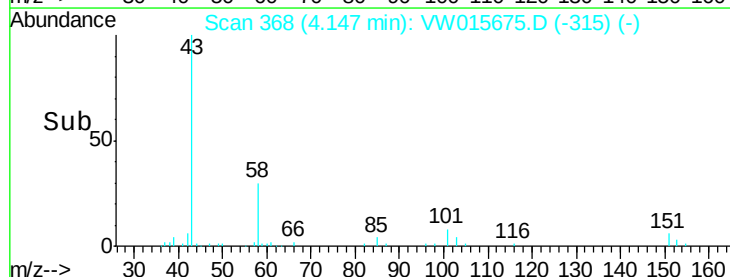
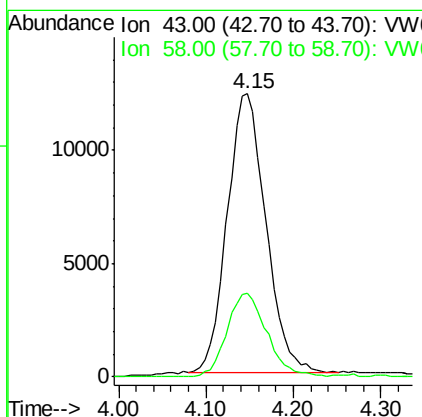
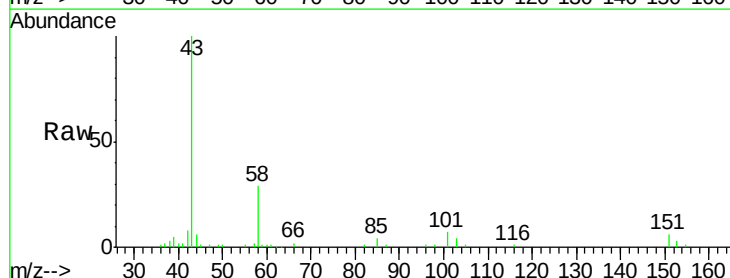
RT: 4.15 min Scan# 368

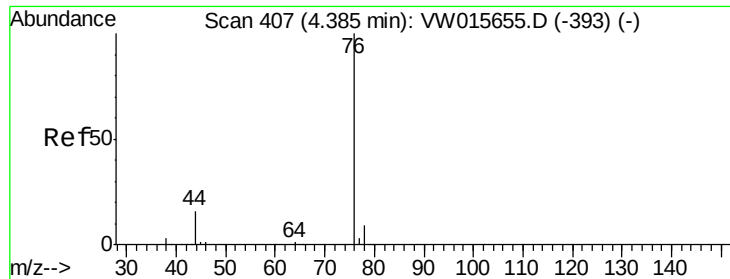
Delta R.T. 0.02 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	43	Resp:	37804
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.6	33.8





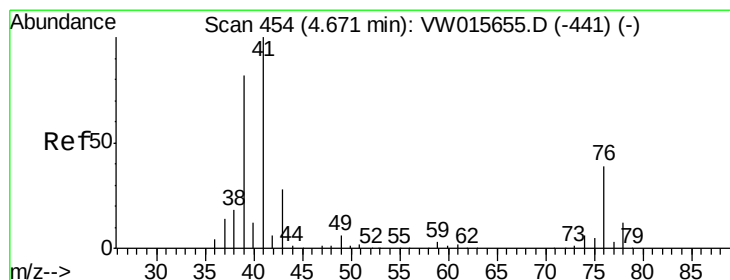
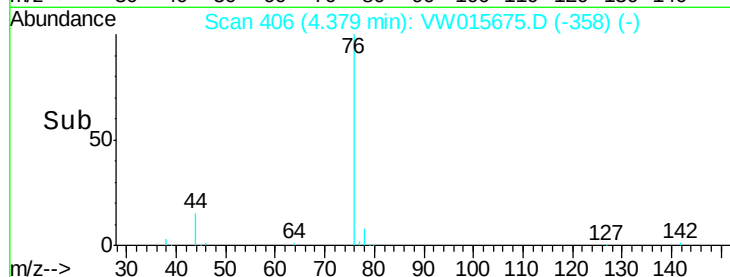
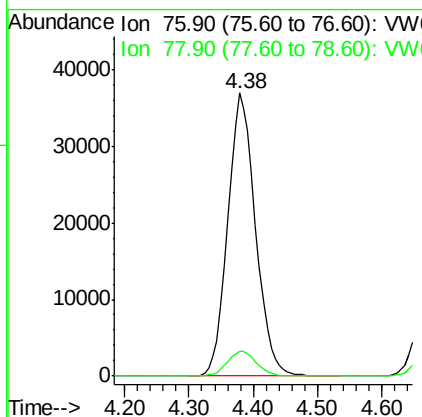
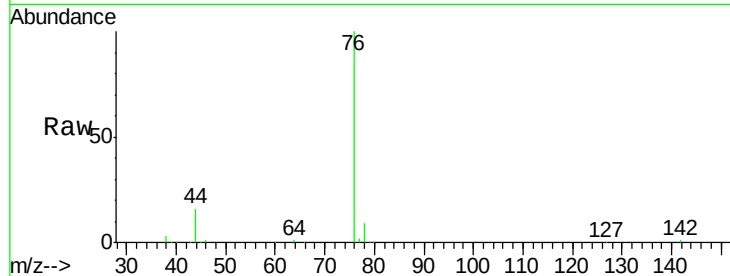
#17
Carbon Disulfide
Concen: 19.717 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

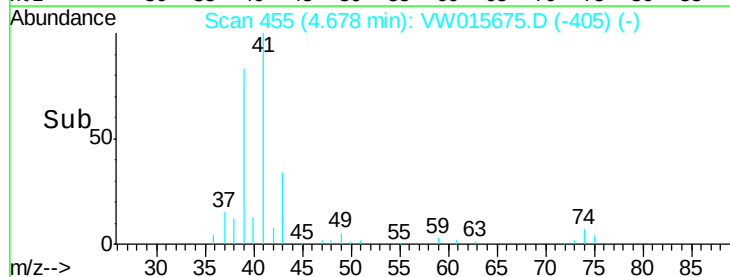
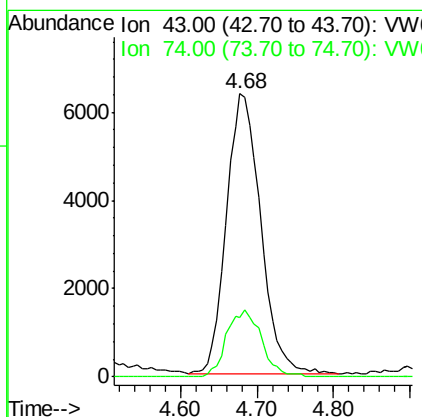
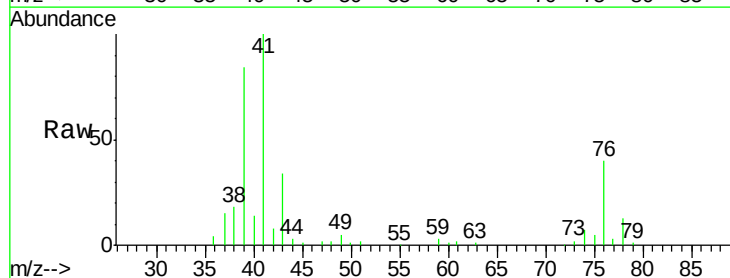
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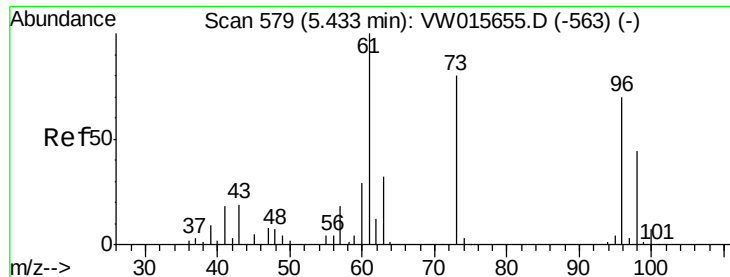
MMDadoda
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#18
Methyl Acetate
Concen: 19.611 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.0	28.6





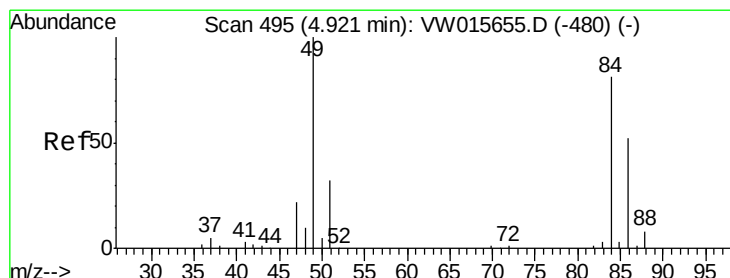
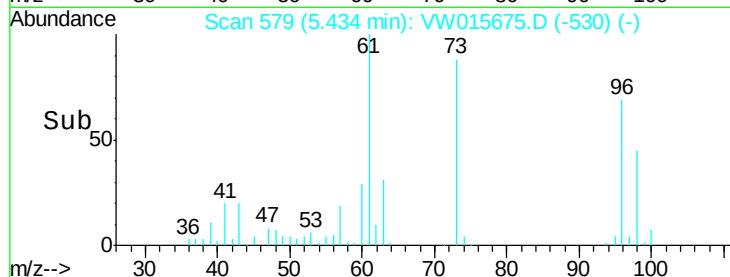
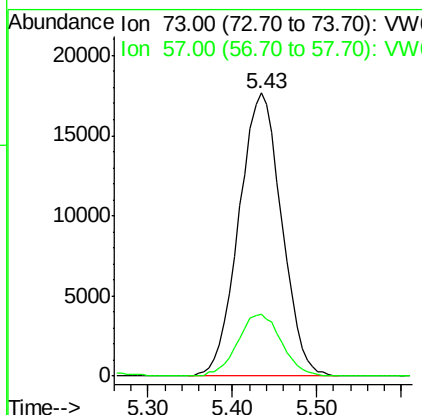
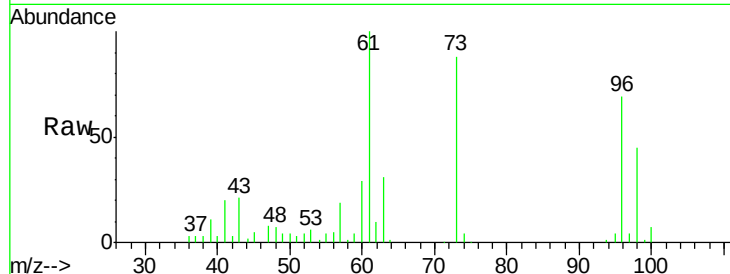
#19
Methyl tert-butyl Ether
Concen: 20.596 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 73 Resp: 60817
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

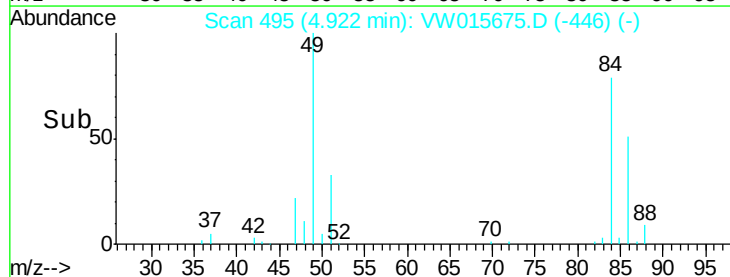
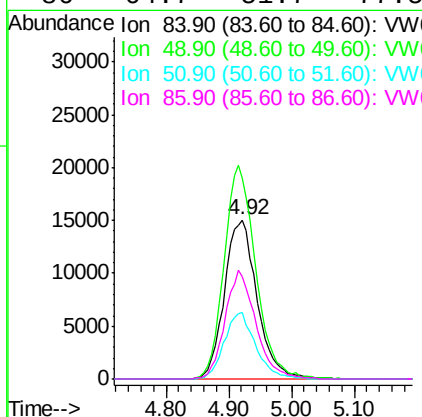
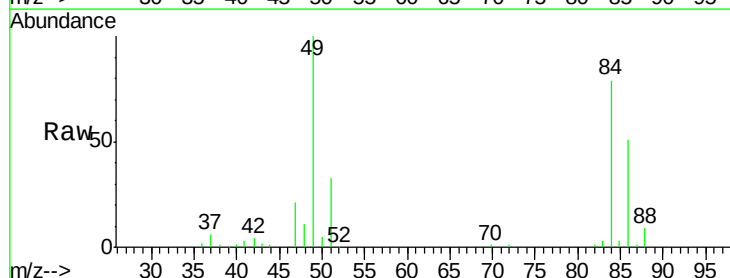
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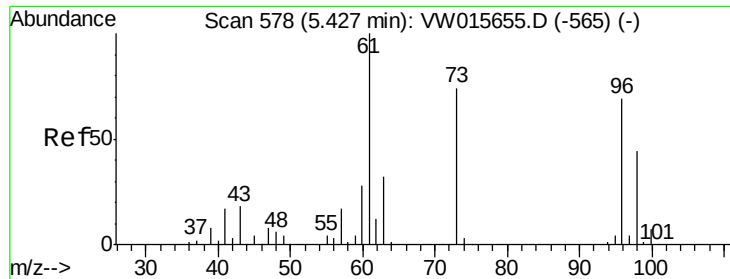
MMDadoda
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#20
Methylene Chloride
Concen: 23.781 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion: 84 Resp: 54244
Ion Ratio Lower Upper
84 100
49 126.7 99.3 148.9
51 41.9 31.8 47.6
86 64.7 51.7 77.5





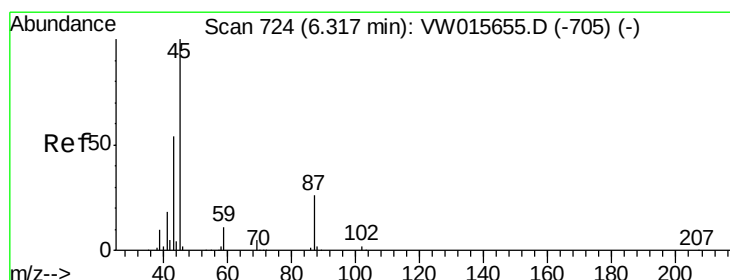
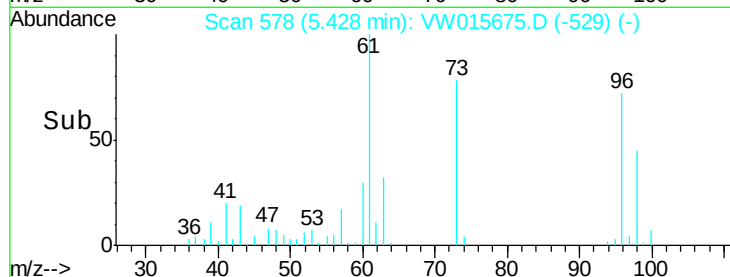
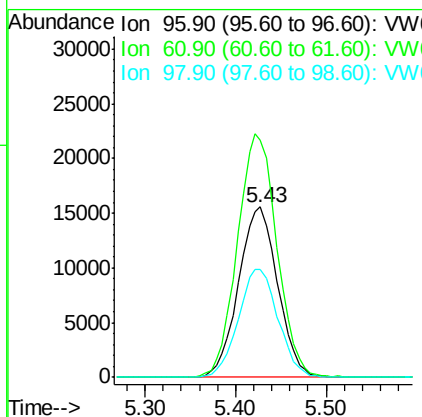
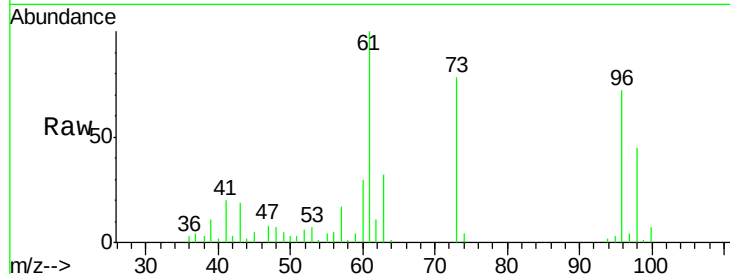
#21
trans-1,2-Dichloroethene
Concen: 20.686 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	116.2	174.2
98	63.1	51.4	77.0

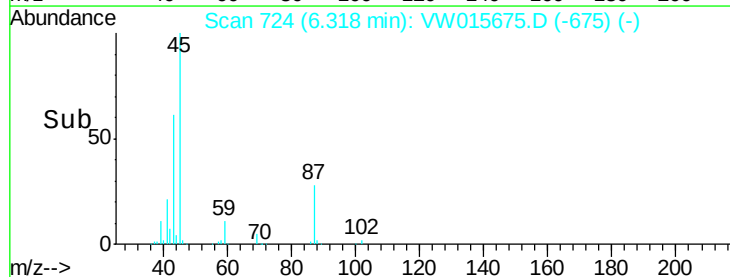
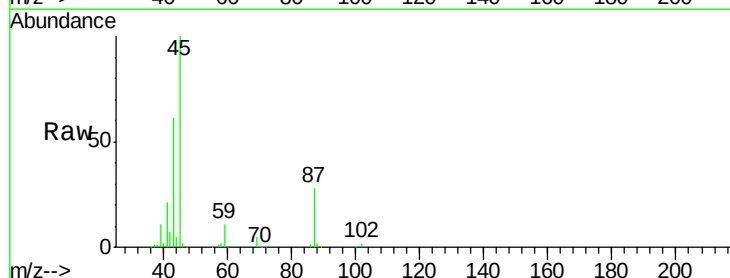
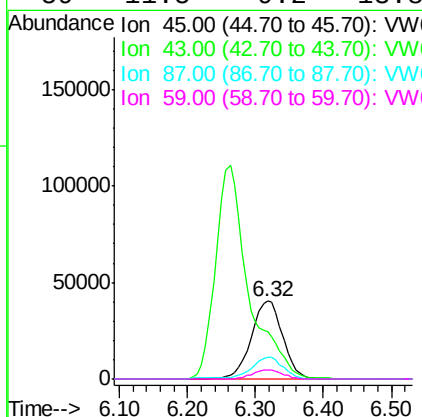
Manual Integrations
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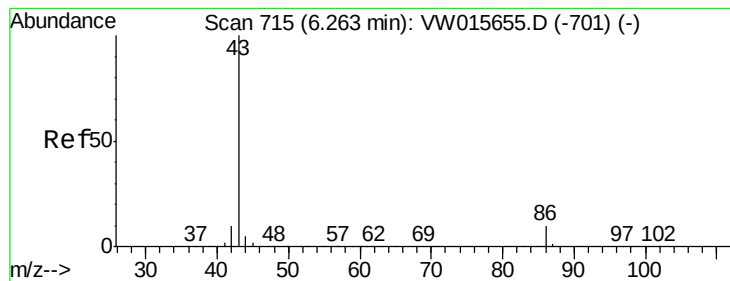
MMDadoda
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#22
Diisopropyl ether
Concen: 20.746 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.8	43.9	65.9
87	27.7	21.2	31.8
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 101.370 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion: 43 Resp: 374254

Ion Ratio Lower Upper

43 100

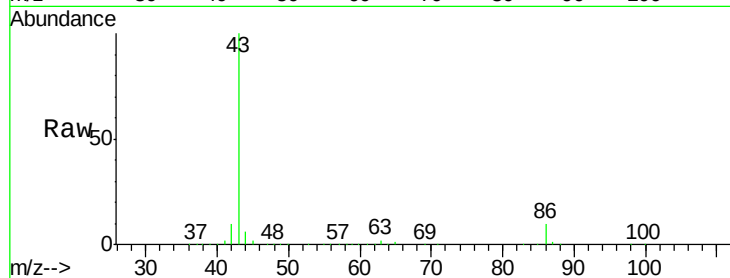
86 10.3 8.3 12.5

Manual Integrations

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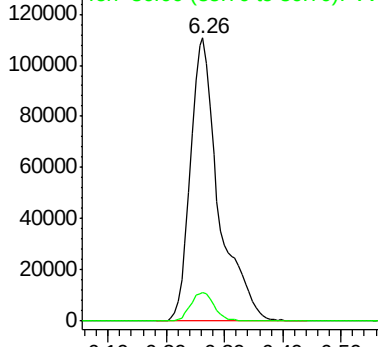
MMDadoda

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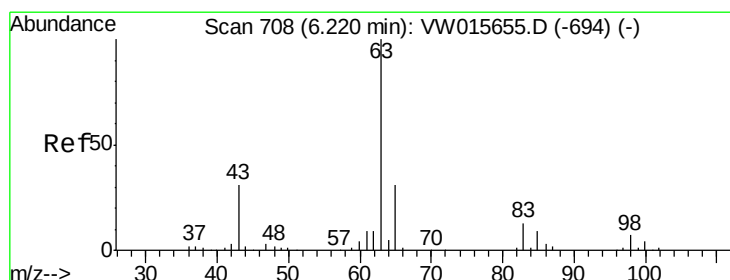
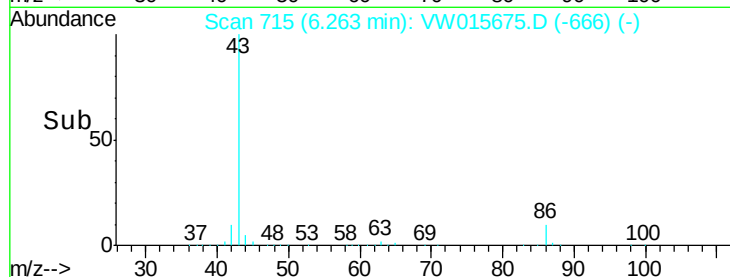


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 21.090 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

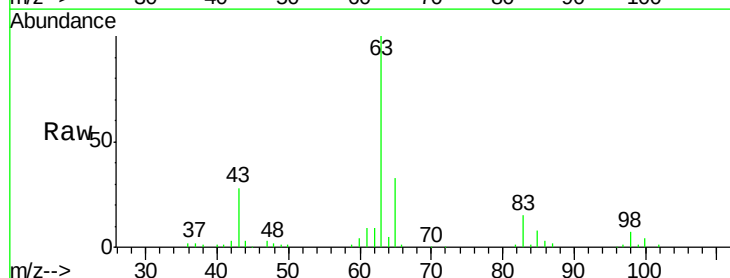
Tgt Ion: 63 Resp: 84049

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

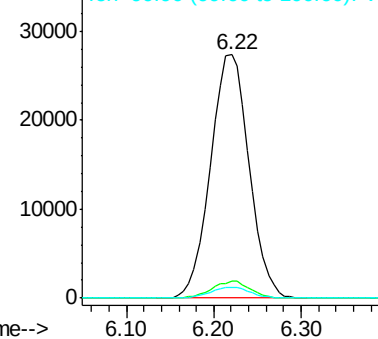
100 4.5 2.1 6.3



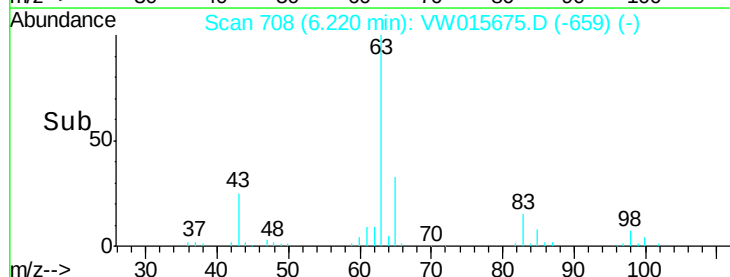
Abundance Ion 62.90 (62.60 to 63.60): VW

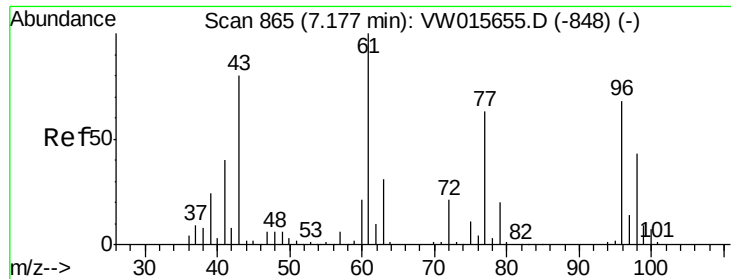
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





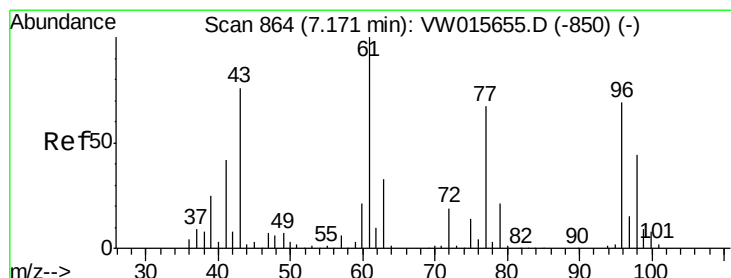
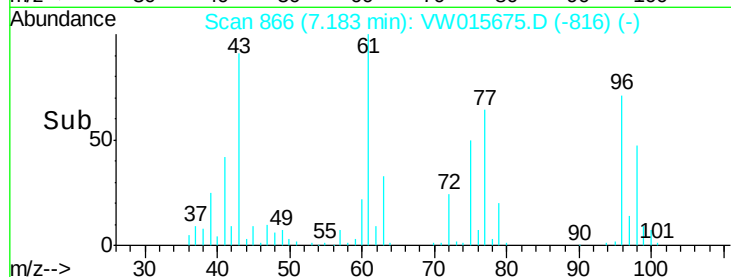
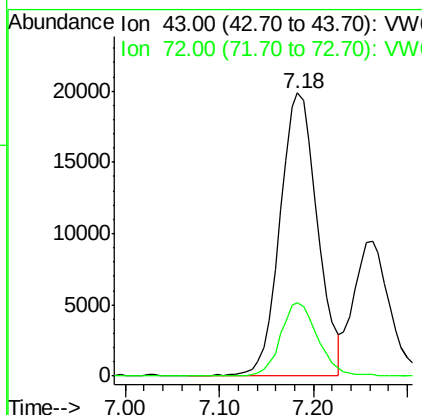
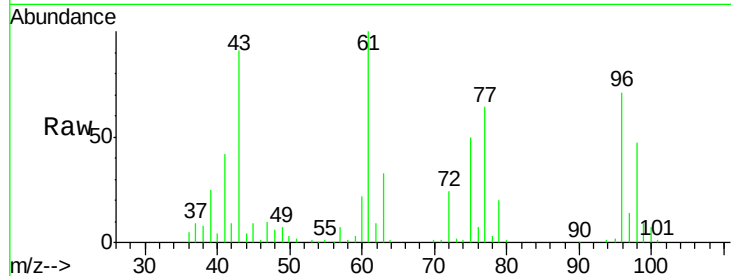
#25
2-Butanone
Concen: 95.852 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 43 Resp: 55114
Ion Ratio Lower Upper
43 100
72 26.0 21.1 31.7

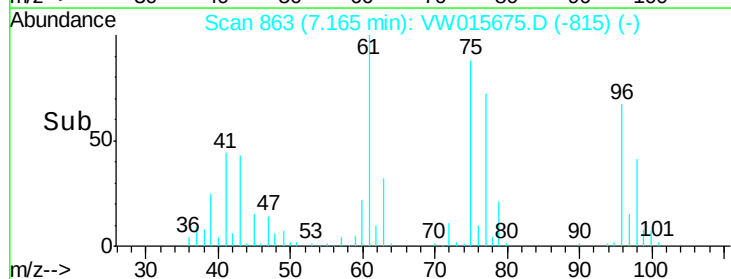
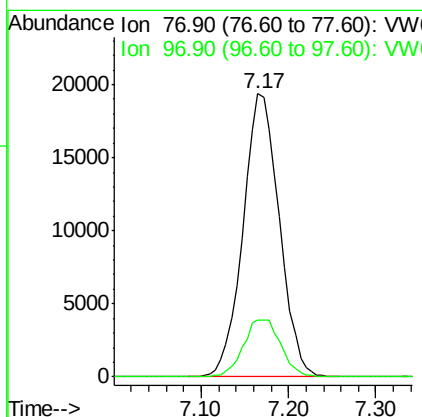
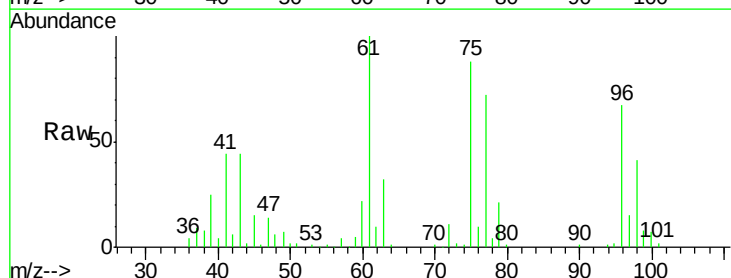
Manual Integrations
APPROVED

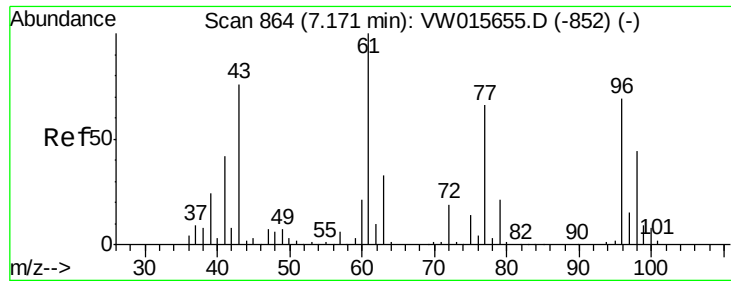
MMDadoda
6/25/2020 4:15:30 PM



#26
2,2-Dichloropropane
Concen: 20.870 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion: 77 Resp: 55783
Ion Ratio Lower Upper
77 100
97 20.9 11.2 33.5





#27

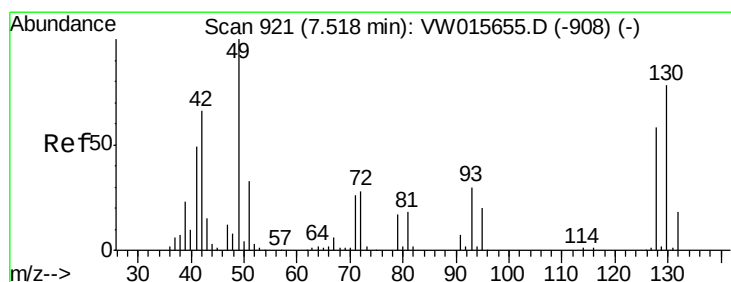
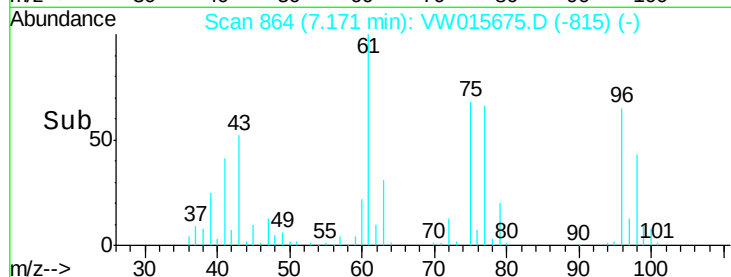
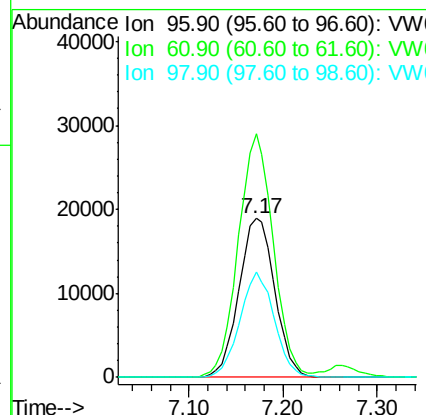
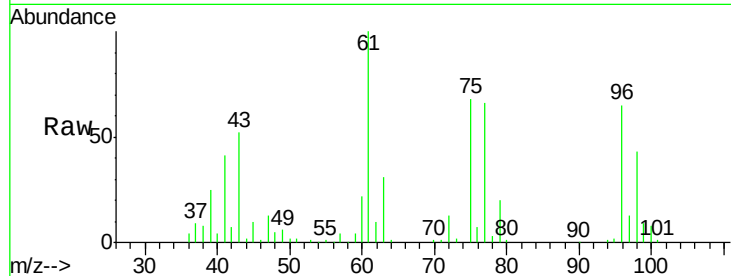
cis-1,2-Dichloroethene
Concen: 20.813 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.6	0.0	296.8	
98	63.5	0.0	128.0	

Manual Integrations
APPROVED

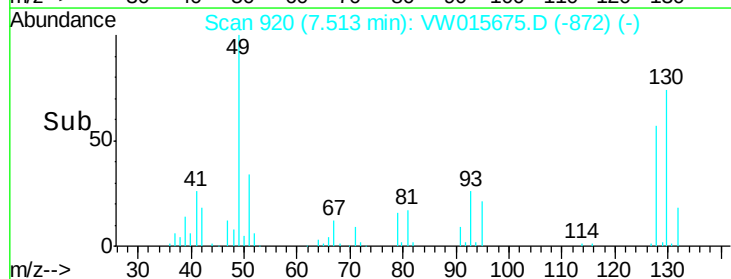
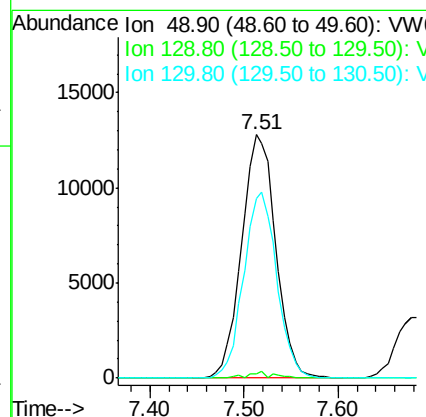
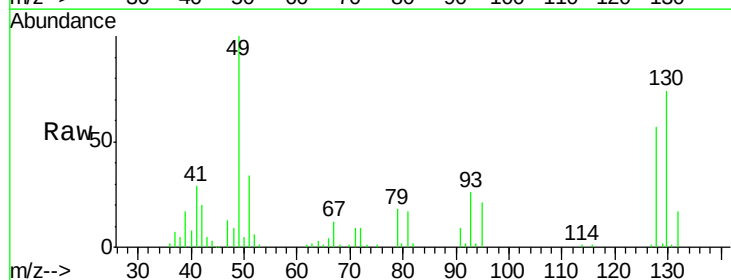
MMDadoda
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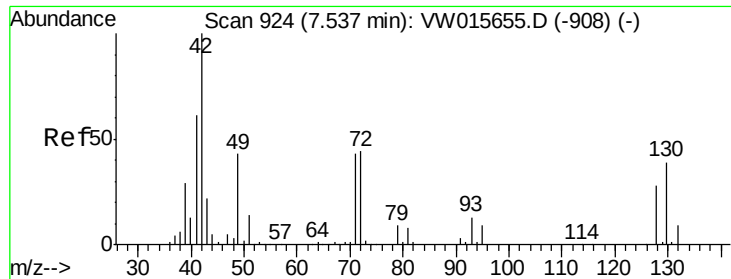


#28

Bromochloromethane
Concen: 21.137 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	2.2	
130	74.2	61.0	91.4	





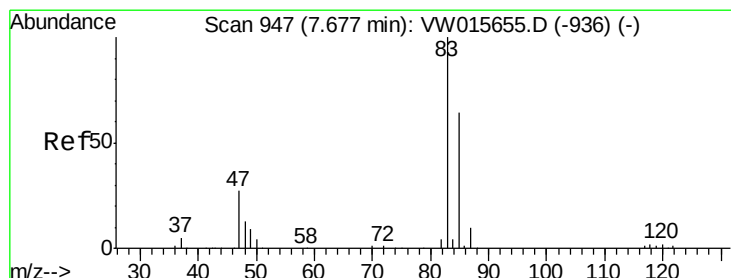
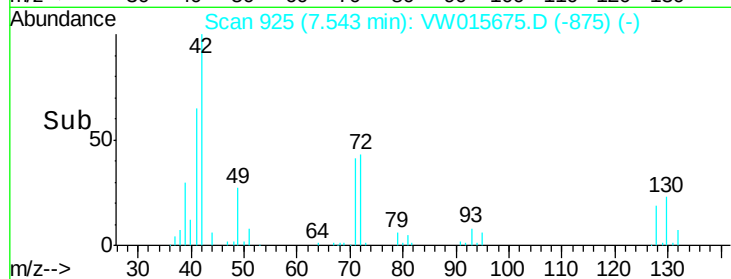
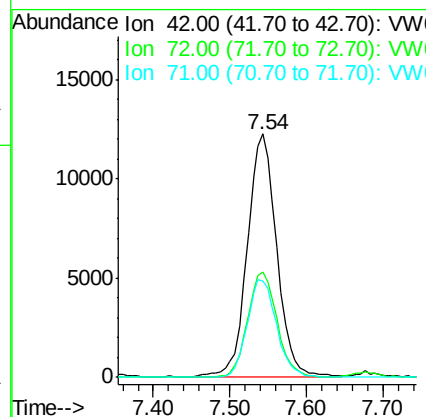
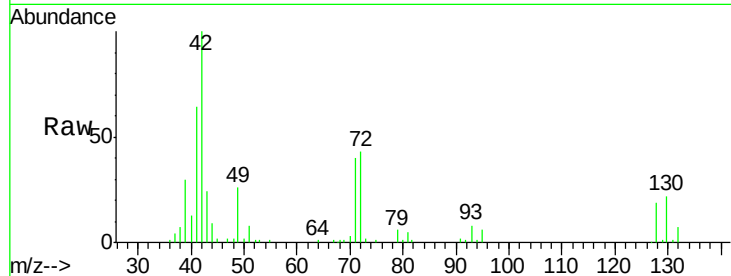
#29
Tetrahydrofuran
Concen: 97.299 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.0	52.6
71	39.9	32.6	49.0

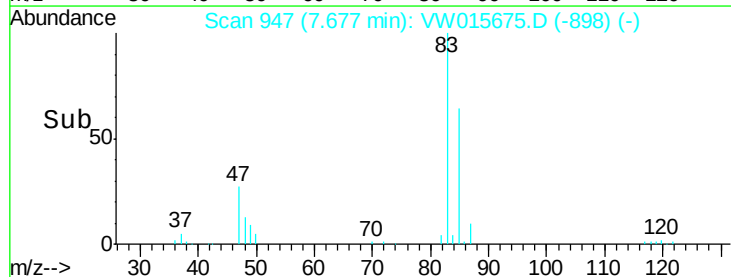
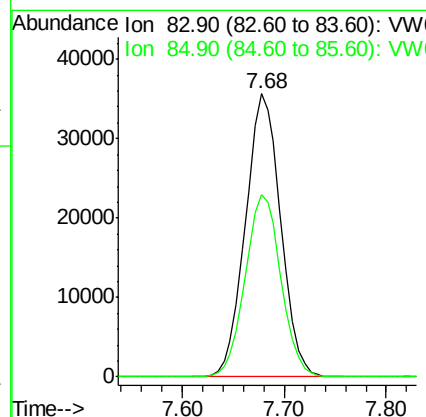
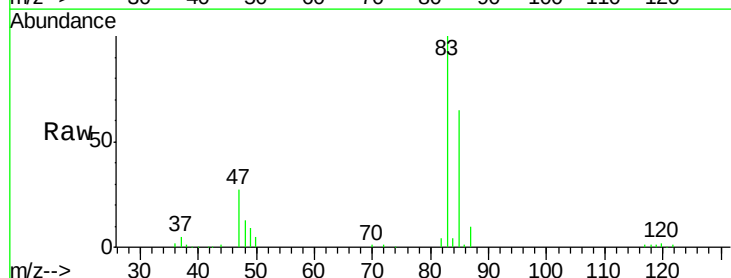
Manual Integrations
APPROVED

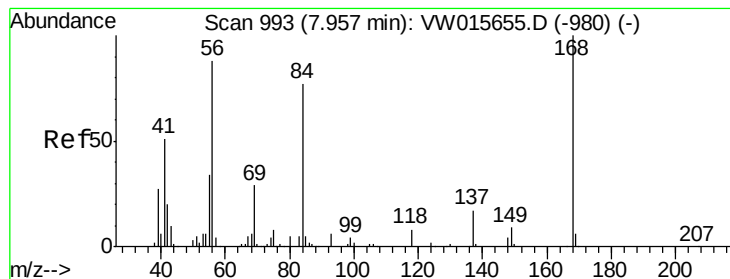
MMDadoda
6/25/2020 4:15:30 PM



#30
Chloroform
Concen: 20.952 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.0	76.4





#31

Cyclohexane

Concen: 19.676 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

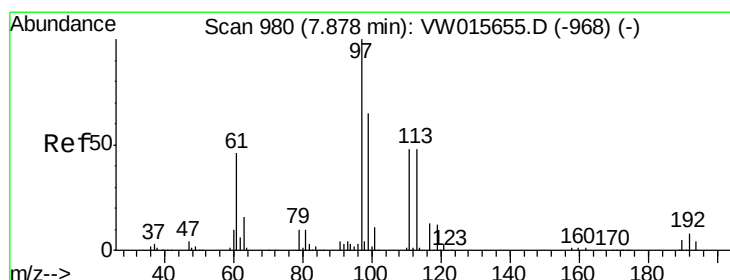
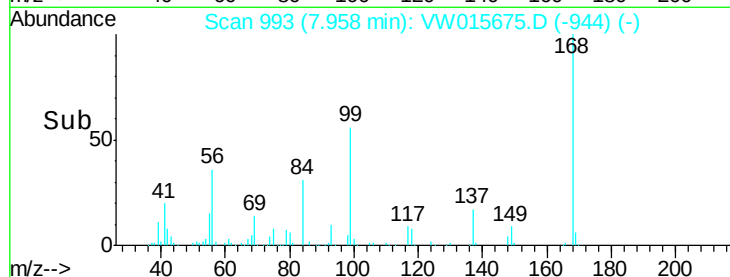
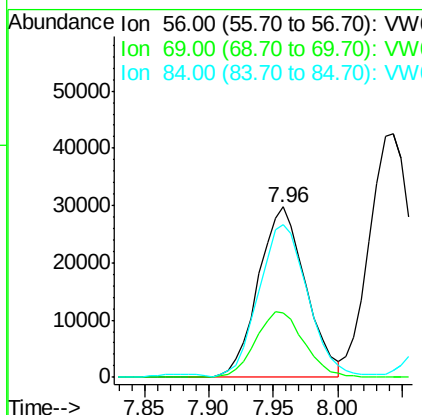
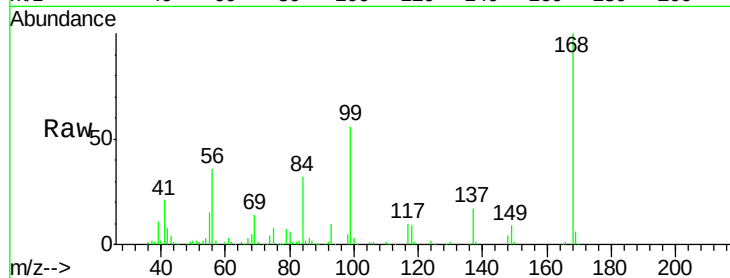
ClientSampleId :

VW0624SBSD01

Tot Ion:	56	Resp:	75852
Ion Ratio	Lower	Upper	
56	100		
69	38.2	26.2	39.4
84	88.3	70.4	105.6

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 20.606 ug/l

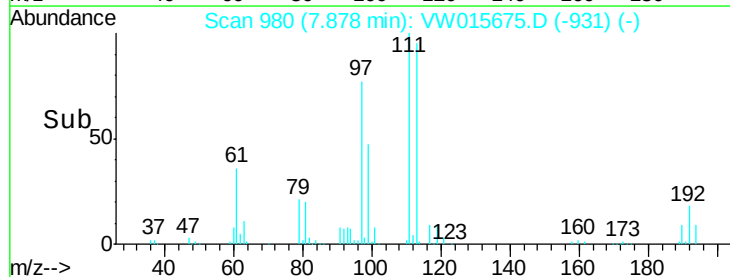
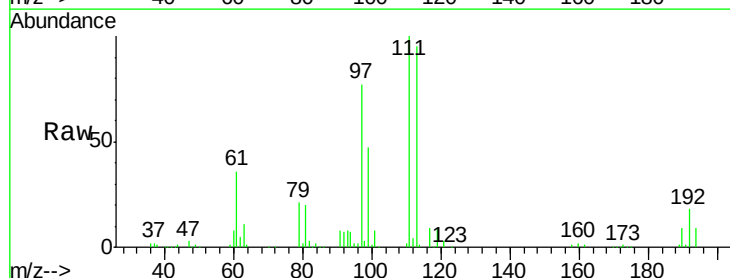
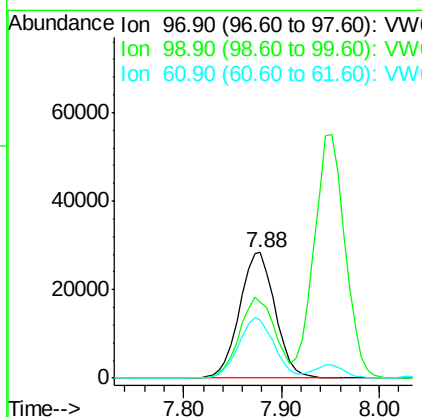
RT: 7.88 min Scan# 980

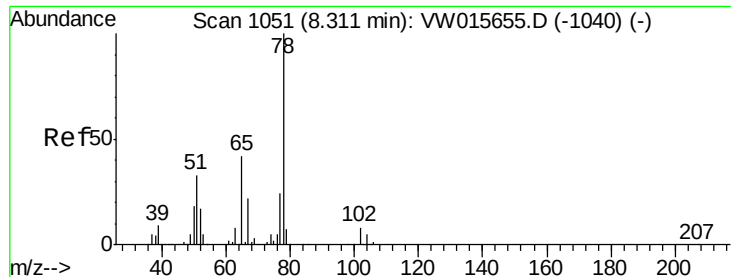
Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	97	Resp:	71788
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.9	77.9
61	48.2	37.3	55.9





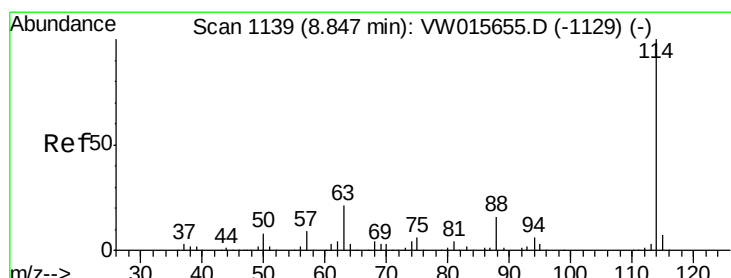
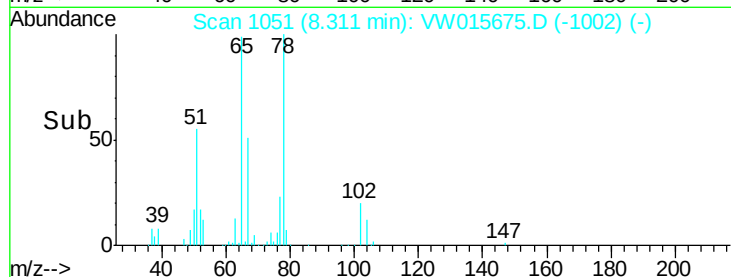
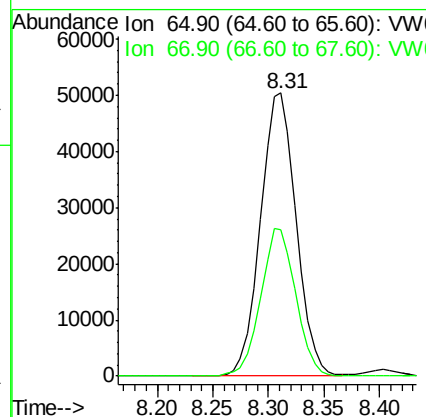
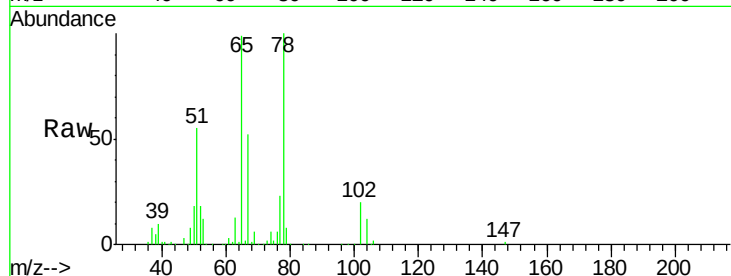
#33
 1,2-Dichloroethane-d4
 Concen: 50.212 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.3	0.0	102.2	

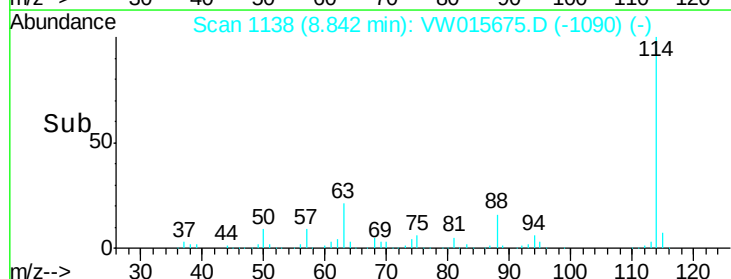
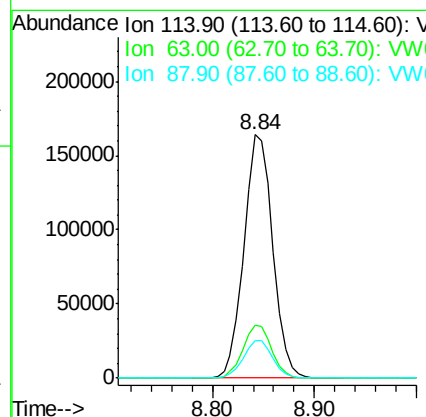
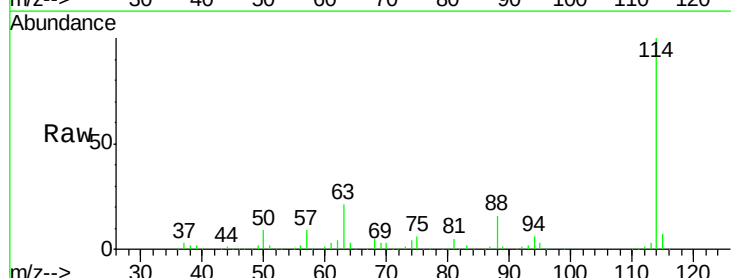
Manual Integrations
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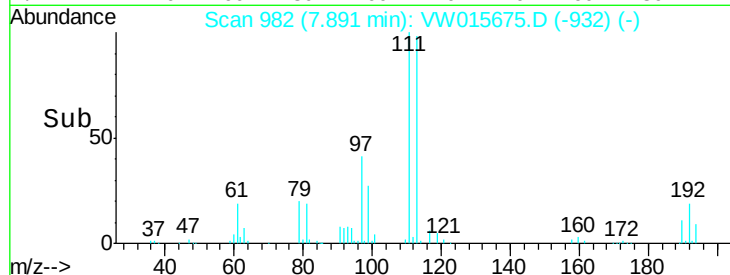
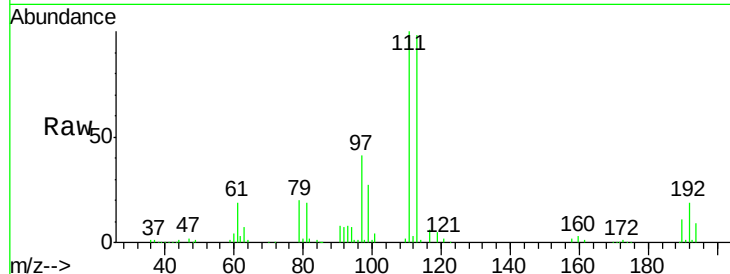
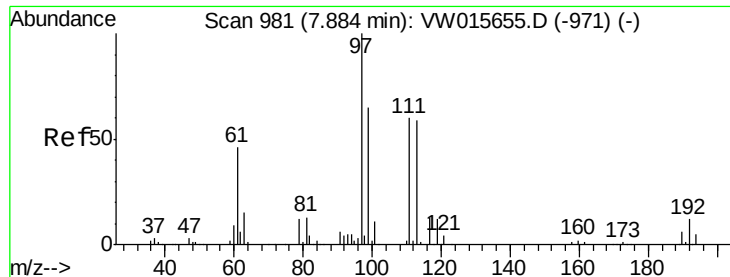
MMDadoda
 6/25/2020 4:15:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	42.4	
88	15.6	0.0	32.6	





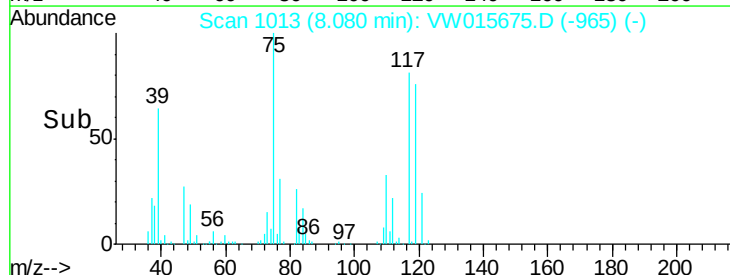
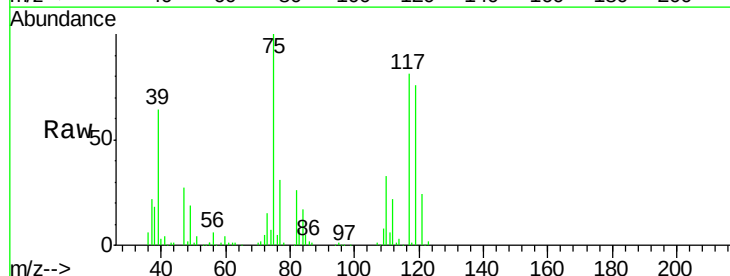
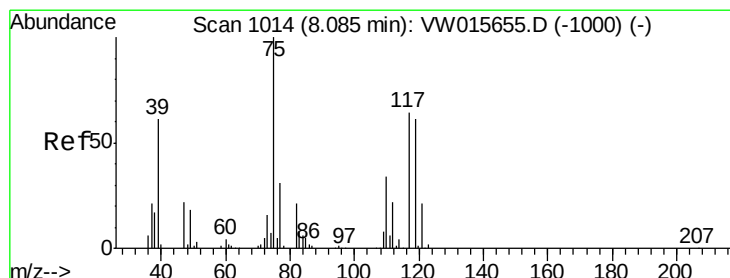
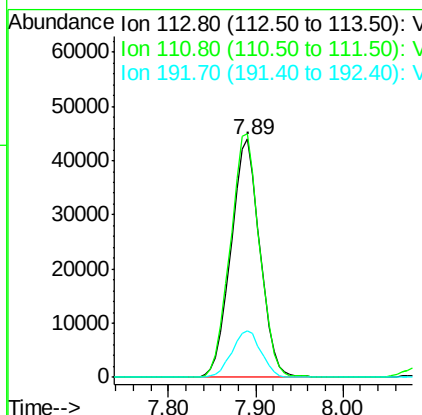
#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101196		
111	103.7	82.3	123.5	
192	19.7	16.4	24.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

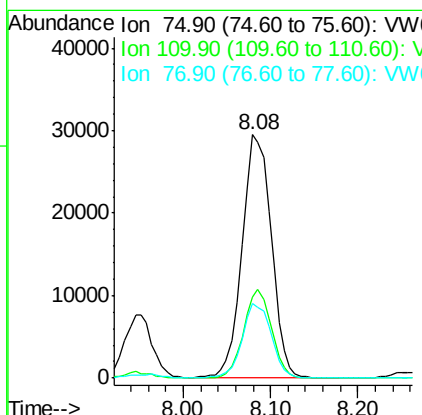
Manual Integrations
APPROVED

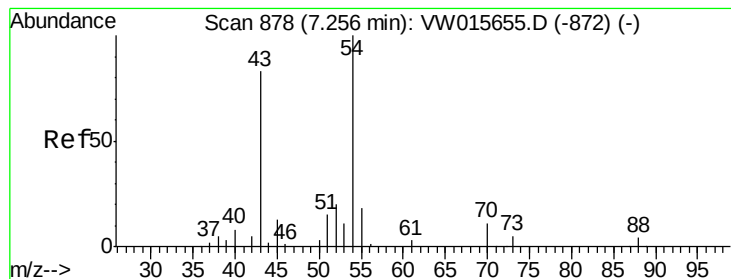
MMDadoda
6/25/2020 4:15:30 PM



#36
1,1-Dichloropropene
Concen: 20.682 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69059		
110	34.3	17.0	51.0	
77	30.2	24.6	36.8	





#37

Ethyl Acetate

Concen: 19.825 ug/l

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

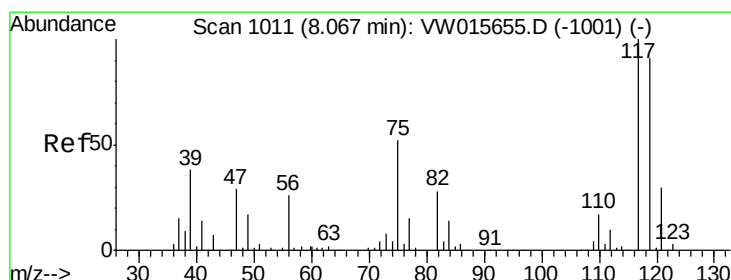
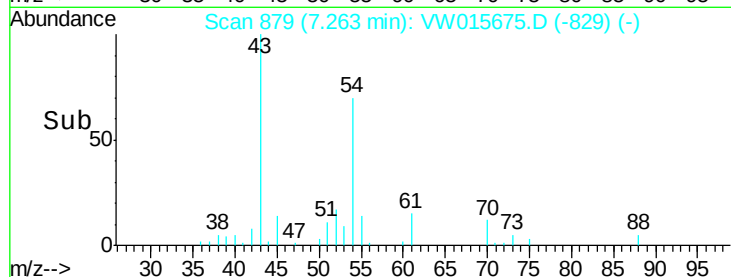
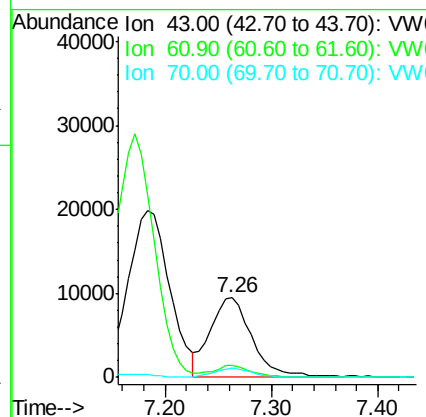
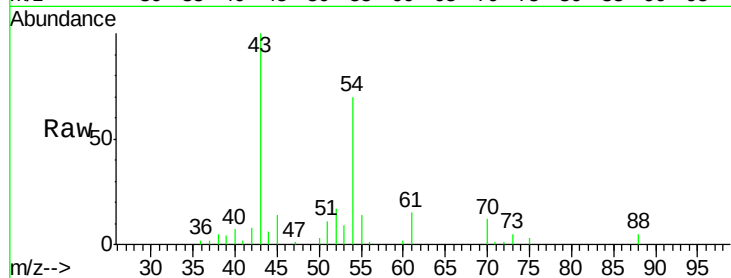
ClientSampled :

VW0624SBSD01

Tot Ion:	43	Resp:	25275
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.6	8.4	12.6

Manual Integrations
APPROVED

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6/25/2020 4:15:30 PM



#38

Carbon Tetrachloride

Concen: 20.422 ug/l

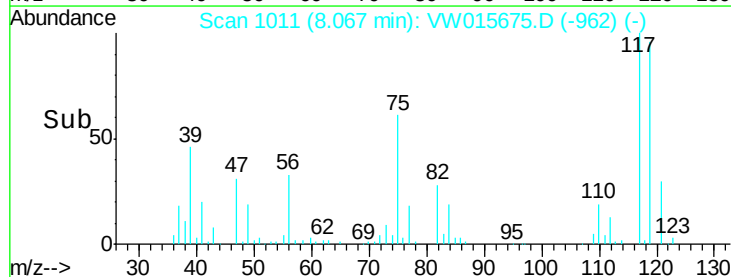
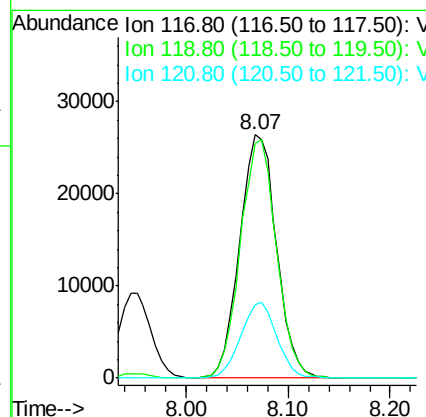
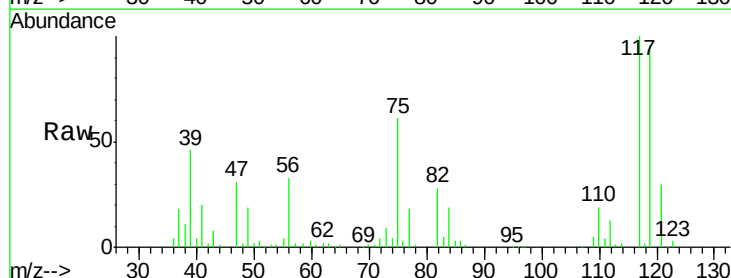
RT: 8.07 min Scan# 1011

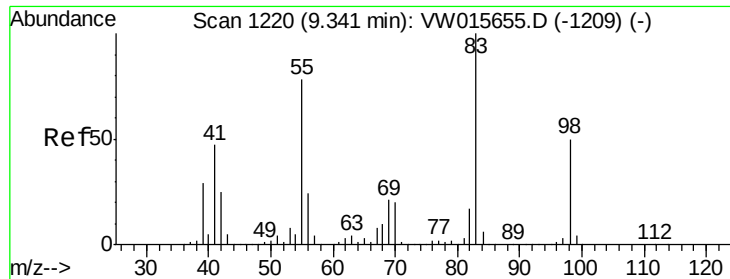
Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	117	Resp:	66100
Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.2	109.8
121	30.2	23.9	35.9





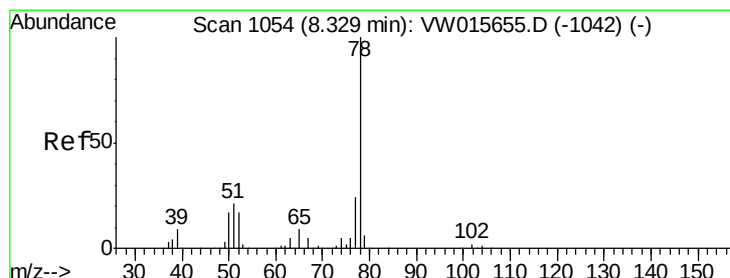
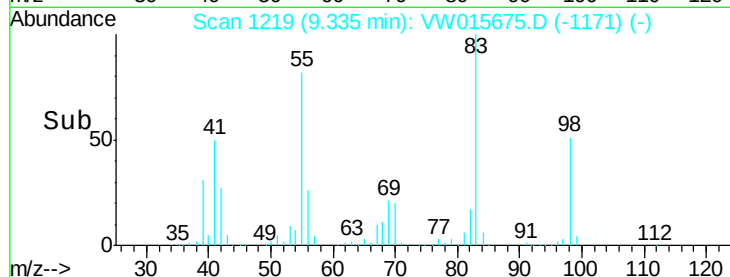
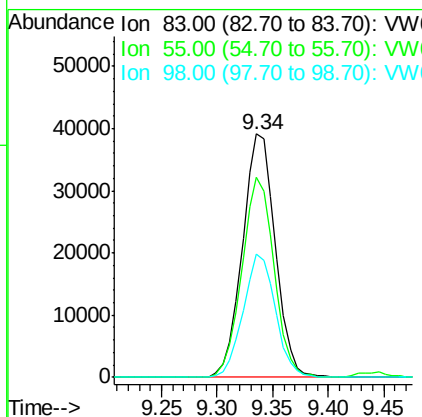
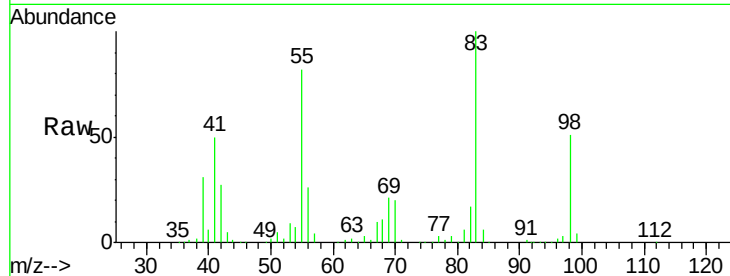
#39
Methylvlcyclohexane
Concen: 19.830 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.4	62.8	94.2
98	50.7	39.9	59.9

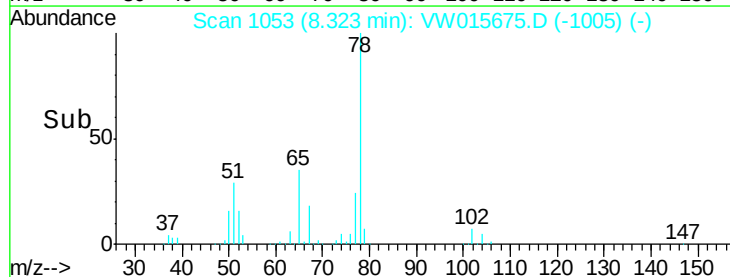
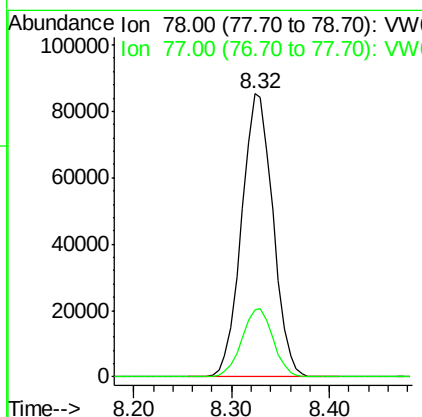
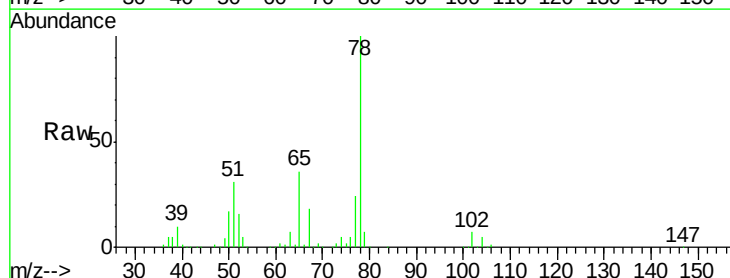
Manual Integrations
APPROVED

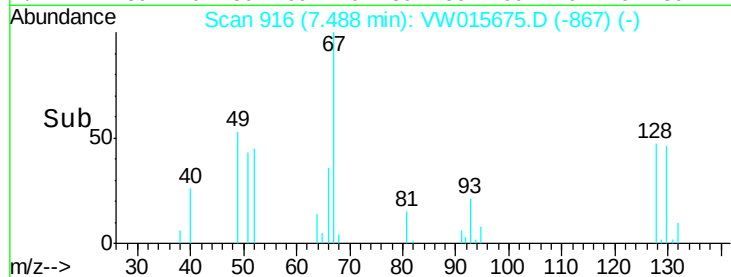
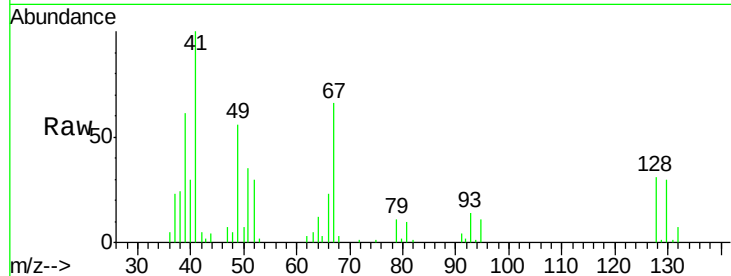
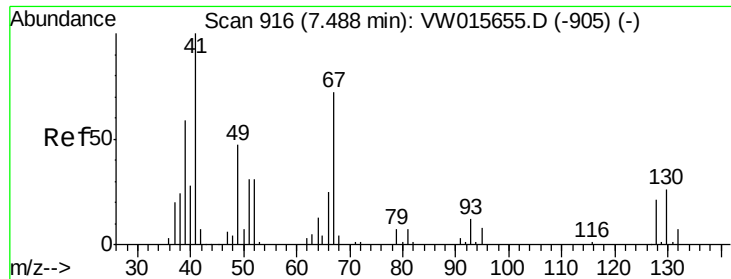
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#40
Benzene
Concen: 20.881 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





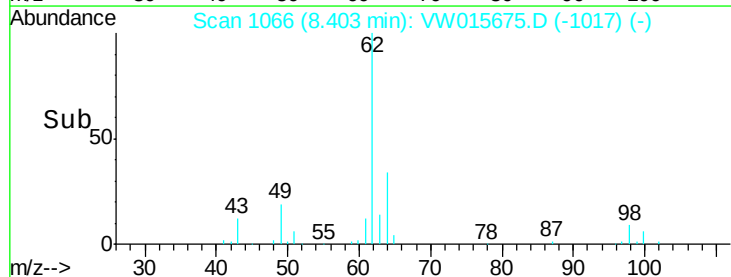
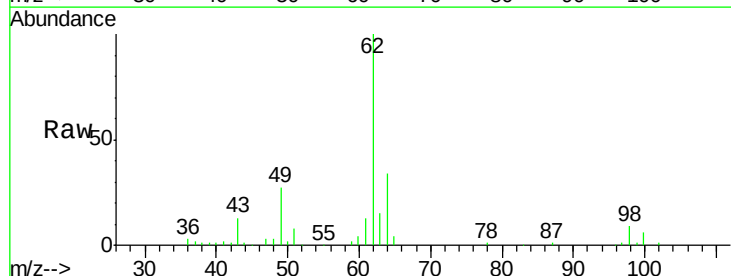
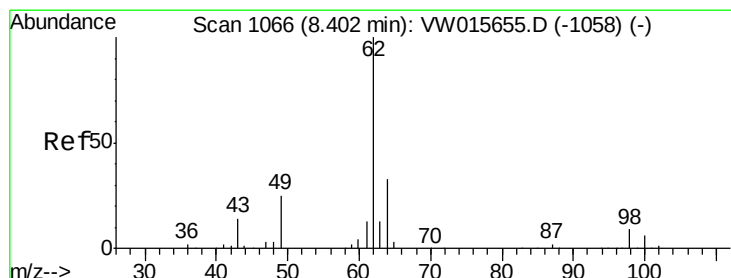
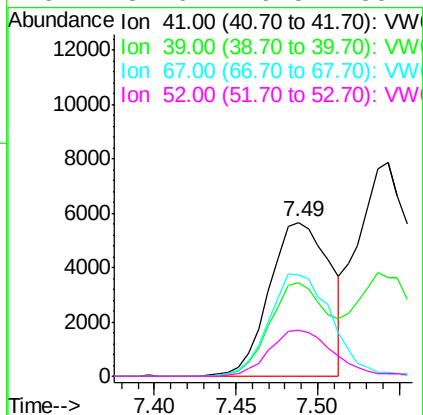
#41
Methacrylonitrile
Concen: 19.967 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tot Ion	41	Resp	14610
Ion Ratio	Lower	Upper	
41	100		
39	58.6	52.0	78.0
67	68.9	57.5	86.3
52	31.6	26.5	39.7

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

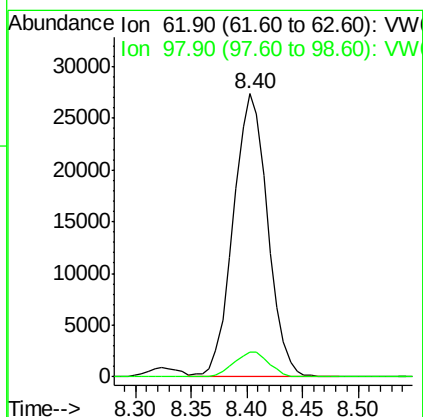
Manual Integrations
APPROVED

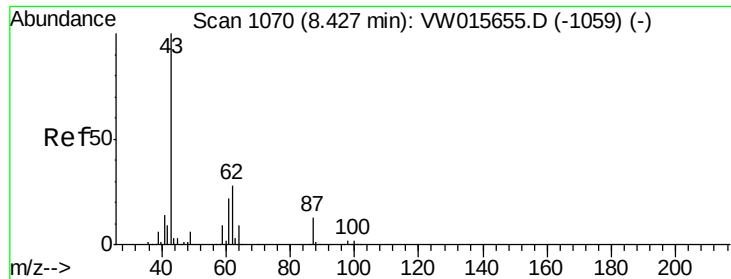
MMDadoda
6/25/2020 4:15:30 PM



#42
1,2-Dichloroethane
Concen: 20.845 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	62	Resp	58548
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 19.999 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

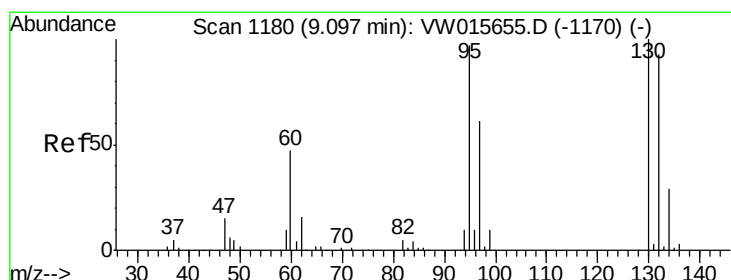
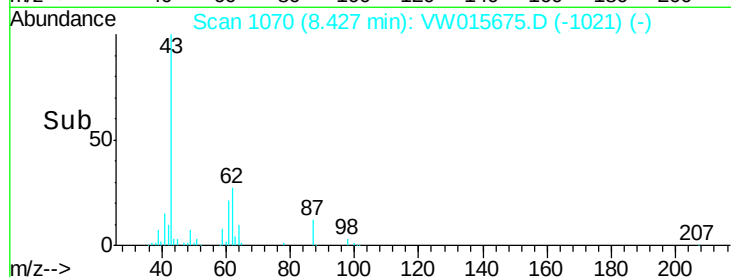
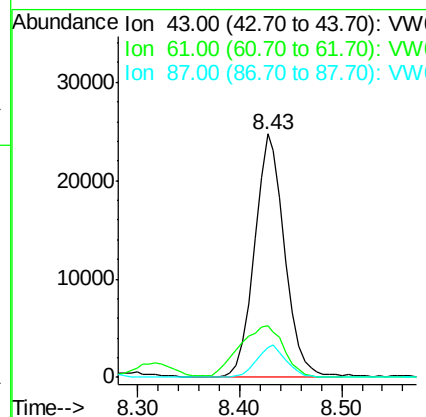
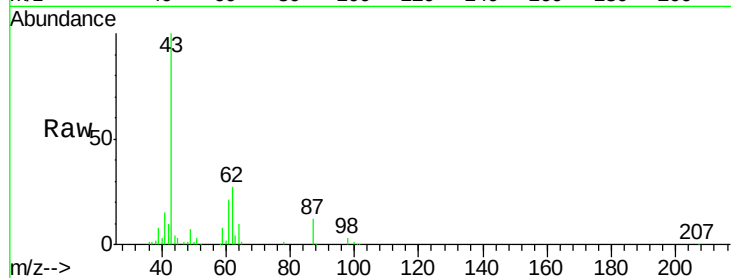
ClientSampleId :

VW0624SBSD01

Tot Ion:	43	Resp:	50883
Ion	Ratio	Lower	Upper
43	100		
61	31.4	24.7	37.1
87	12.9	10.2	15.2

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#44

Trichloroethene

Concen: 20.676 ug/l

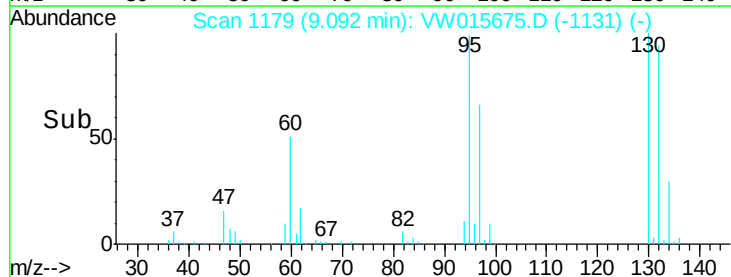
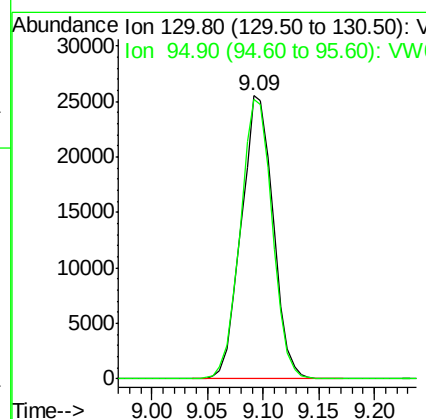
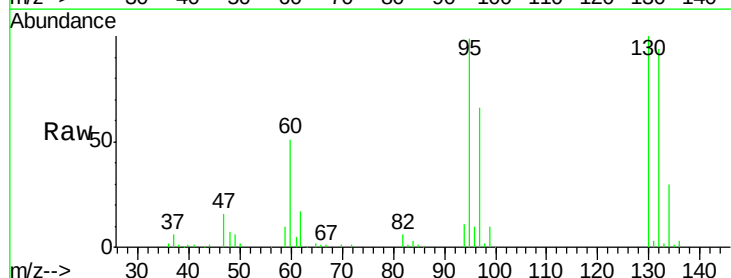
RT: 9.09 min Scan# 1179

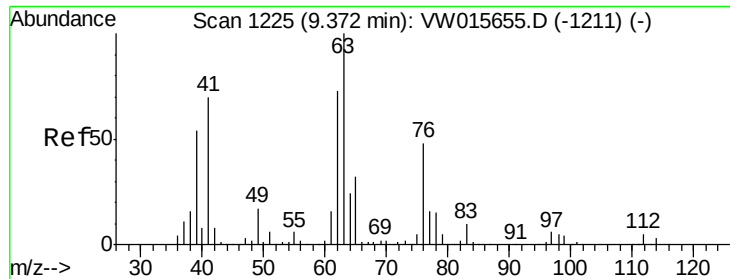
Delta R.T. -0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	130	Resp:	50597
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	194.4





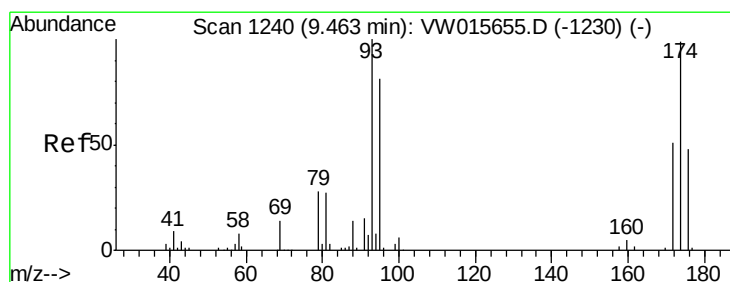
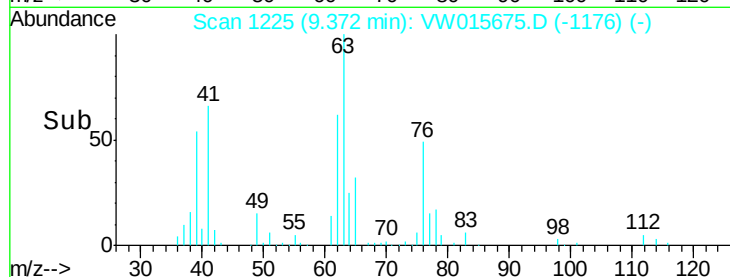
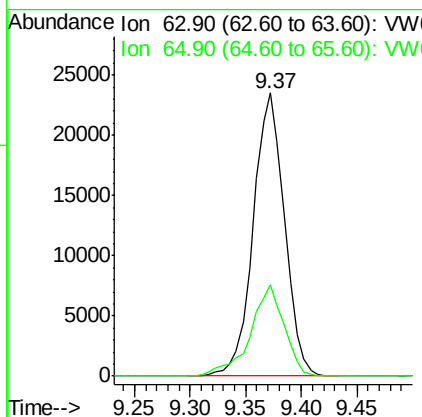
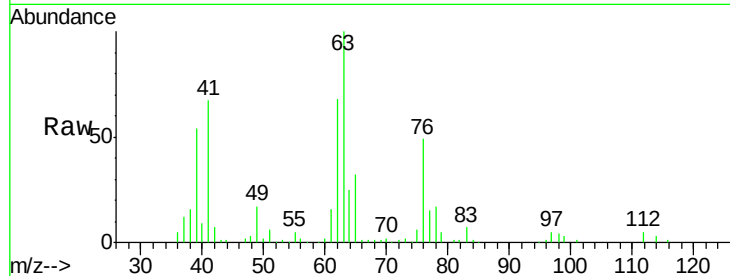
#45
 1,2-Dichloropropane
 Concen: 20.685 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0624SBS01

Tot Ion: 63 Resp: 45904
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.3 37.9

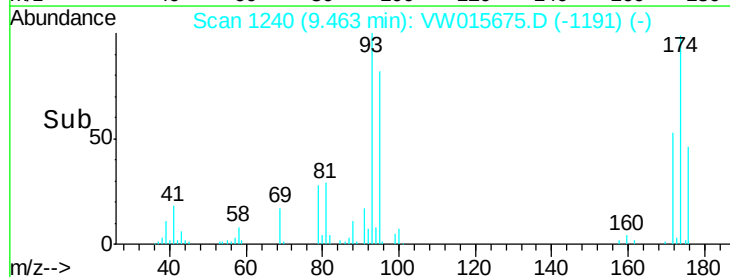
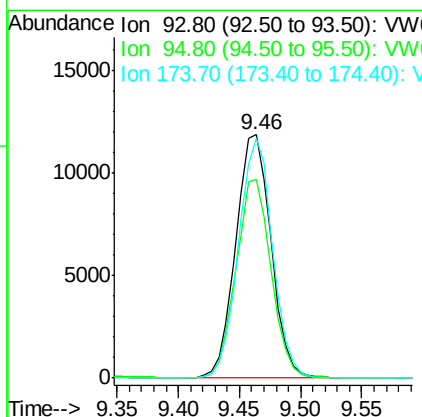
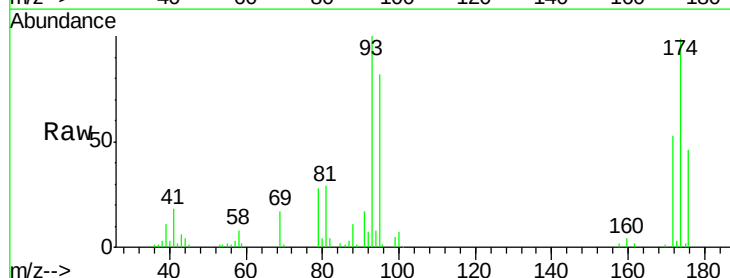
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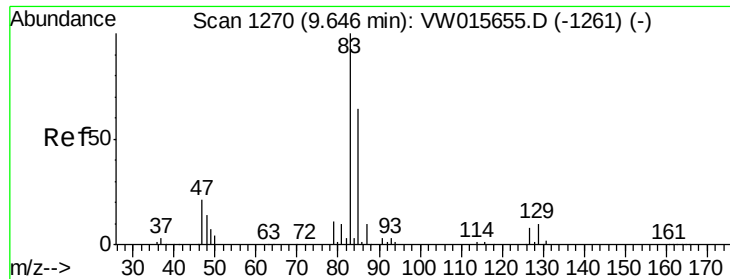
MMDadoda
 6/25/2020 4:15:30 PM



#46
 Dibromomethane
 Concen: 20.665 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion: 93 Resp: 23728
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.7 98.5
 174 95.1 79.0 118.6





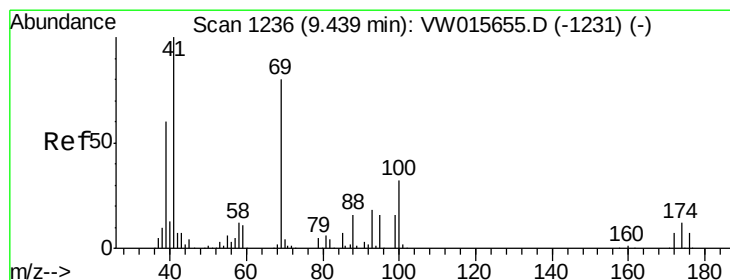
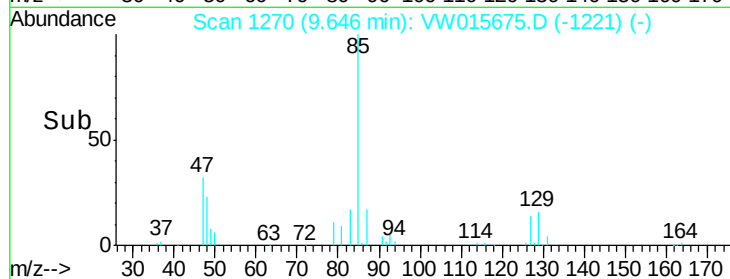
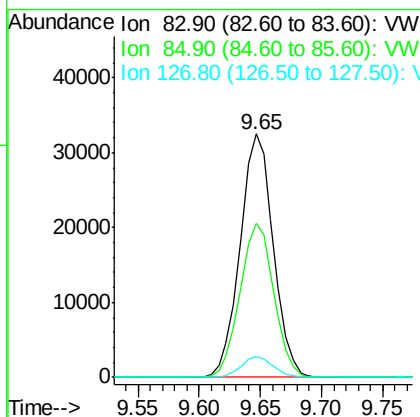
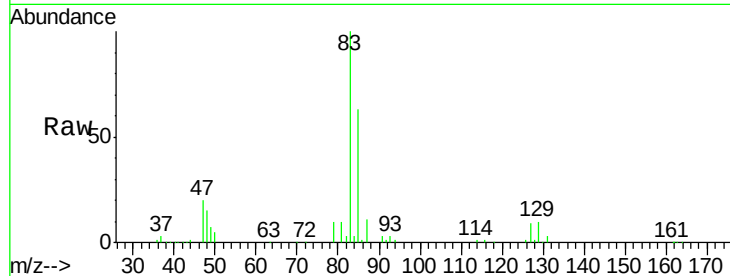
#47
 Bromodichloromethane
 Concen: 20.377 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	83	Resp	61032
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	50.8	76.2
127	8.7	6.3	9.5

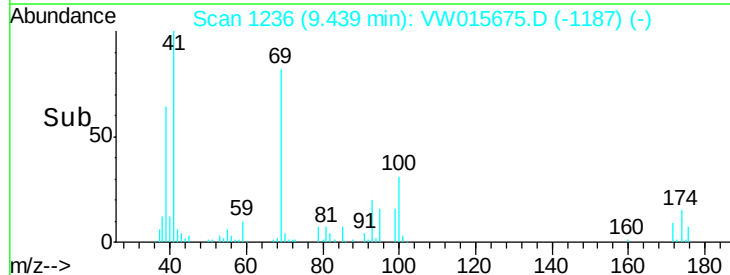
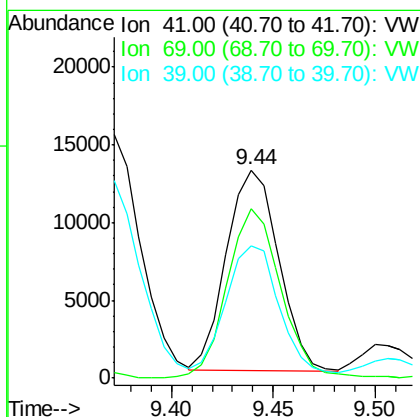
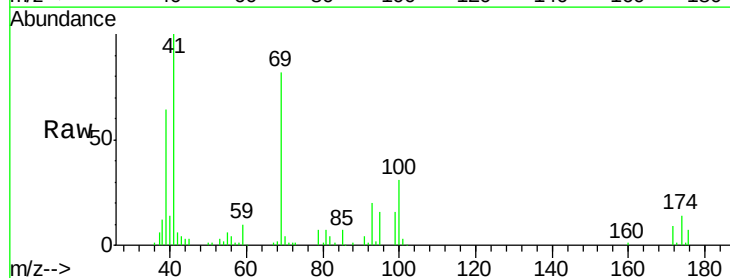
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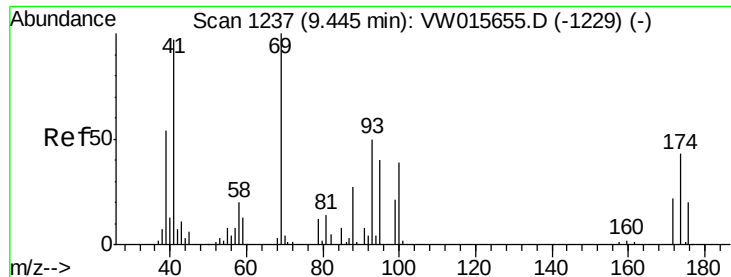
MMDadoda
 6/25/2020 4:15:30 PM



#48
 Methyl methacrylate
 Concen: 19.812 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	41	Resp	23045
Ion Ratio	100	Lower	Upper
41	100		
69	86.5	68.2	102.2
39	63.0	49.8	74.6





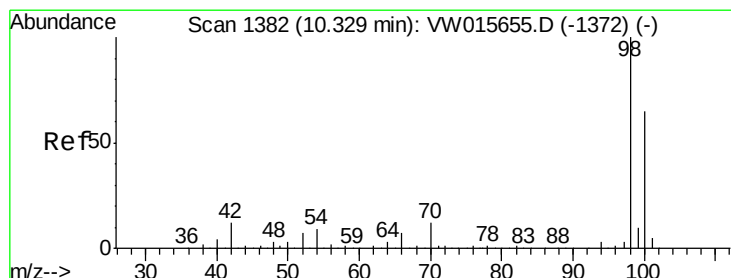
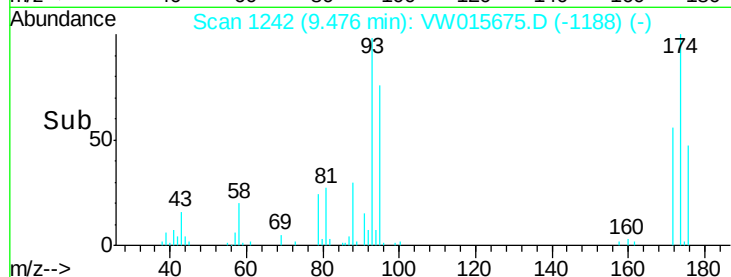
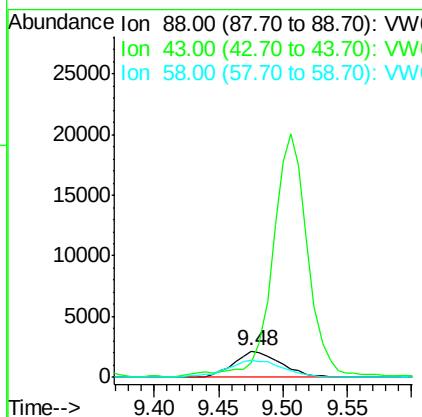
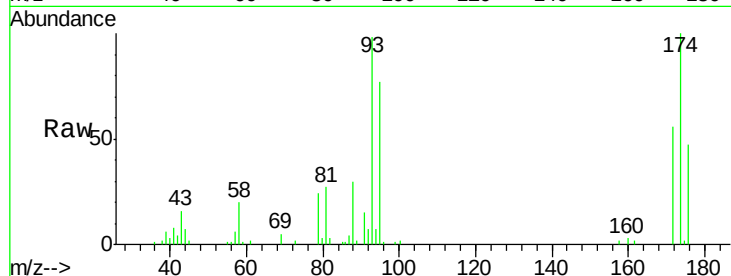
#49
1,4-Dioxane
Concen: 357.703 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.03 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion	88	Resp	5388
Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	78.3	56.1	84.1

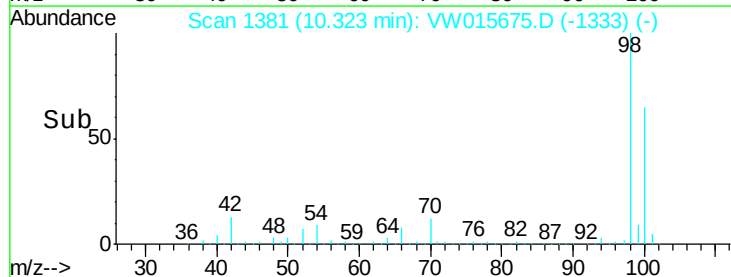
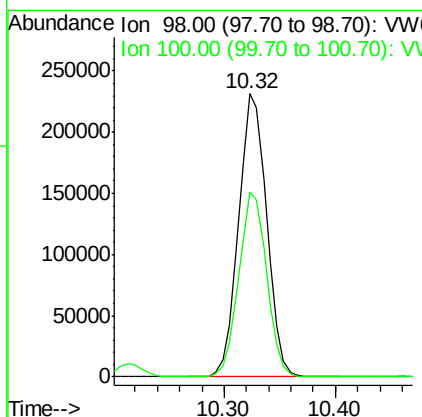
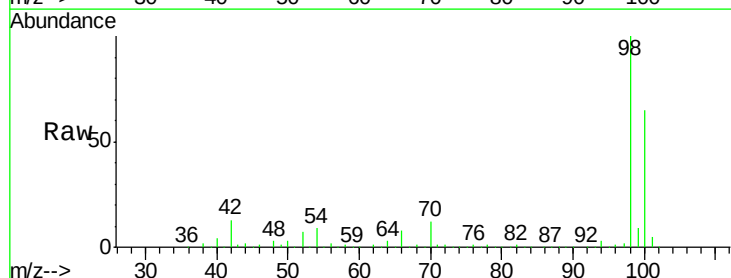
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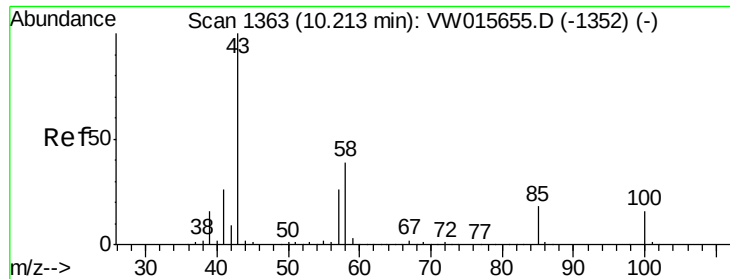
MMDadoda
6/25/2020 4:15:30 PM



#50
Toluene-d8
Concen: 50.819 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	98	Resp	403863
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.8	79.2





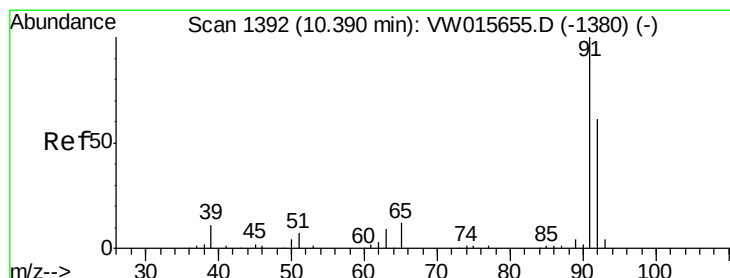
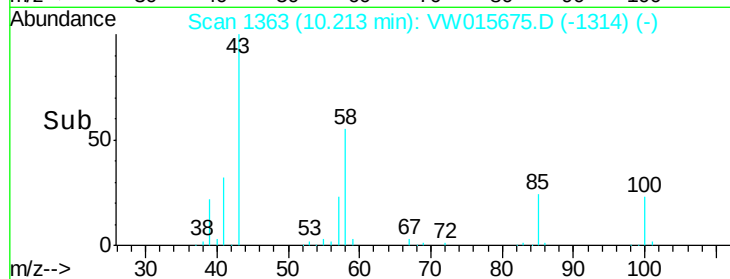
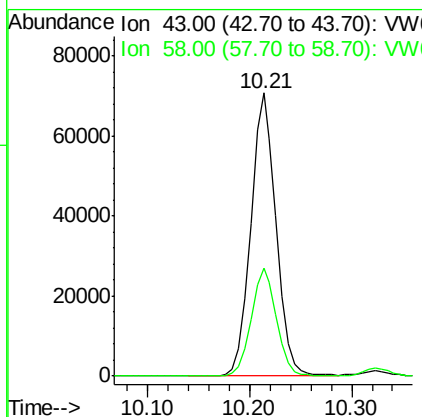
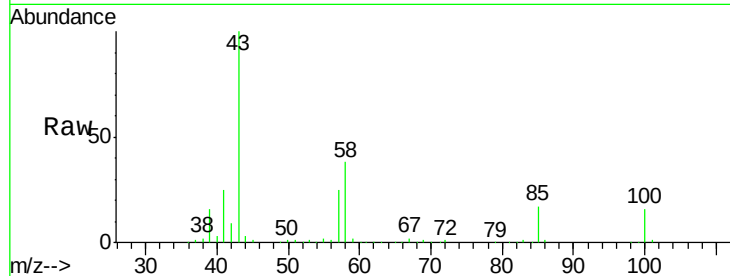
#51
4-Methyl-2-Pentanone
Concen: 99.111 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	43	58	Ratio	Lower	Upper
121605	100	38.2		31.2	46.8

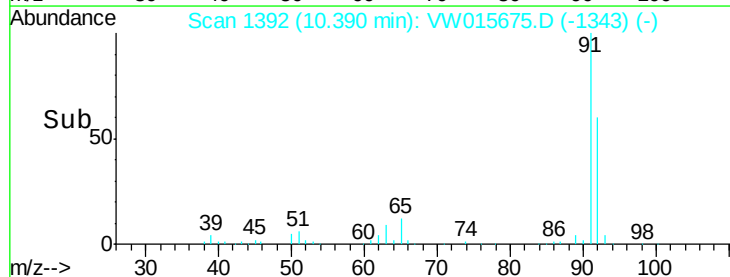
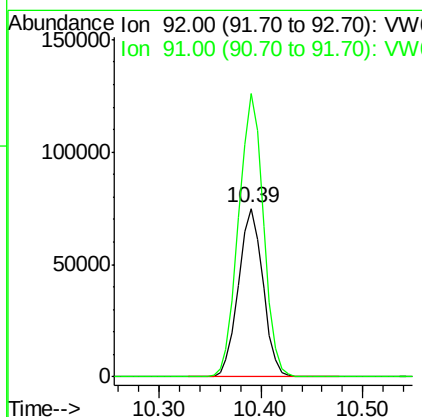
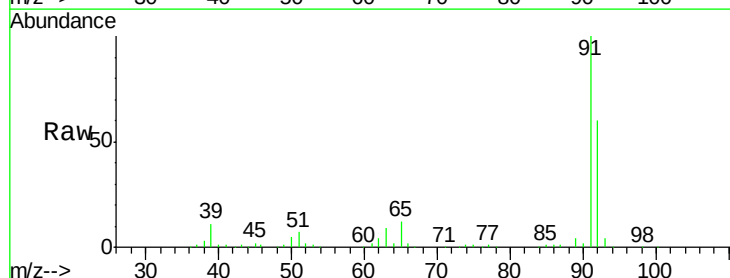
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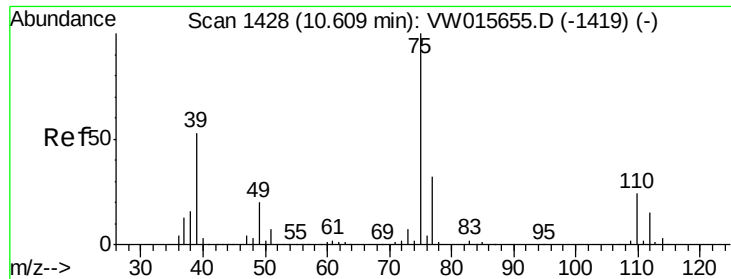
MMDadoda
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#52
Toluene
Concen: 21.245 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	92	91	Ratio	Lower	Upper
124552	100	169.9		135.5	203.3





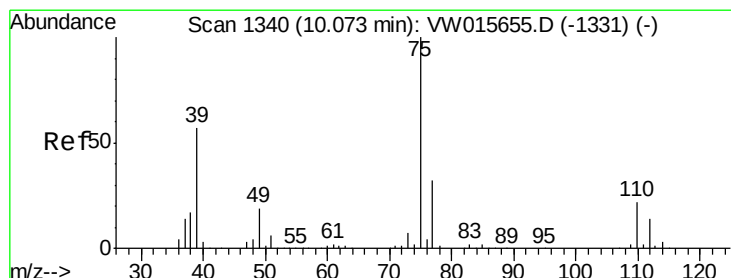
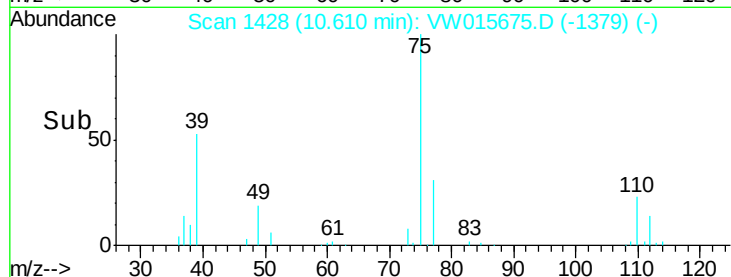
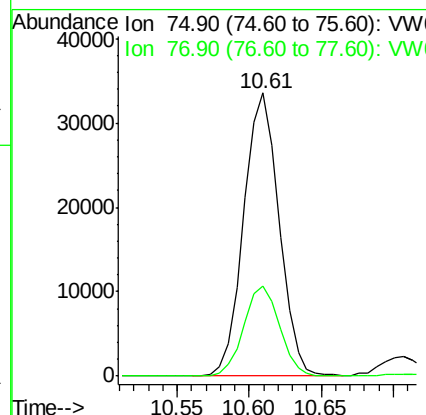
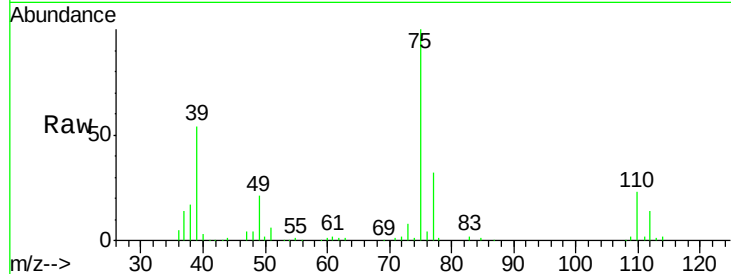
#53
 t-1,3-Dichloropropene
 Concen: 19.812 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion: 75 Resp: 57326
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9

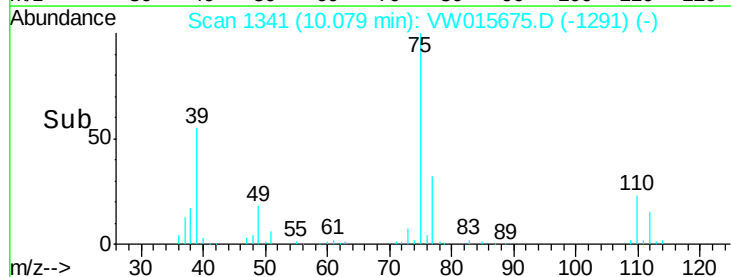
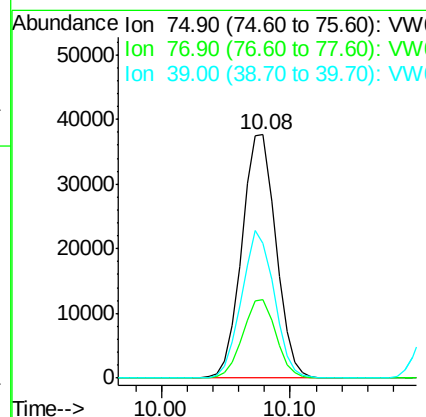
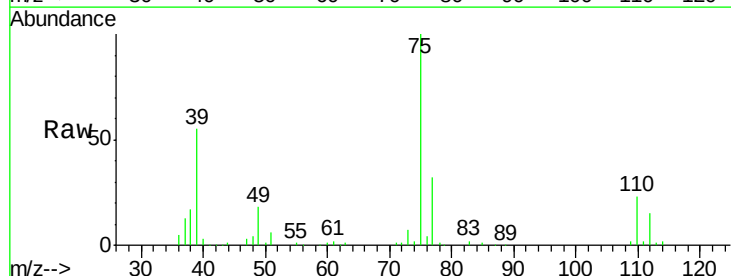
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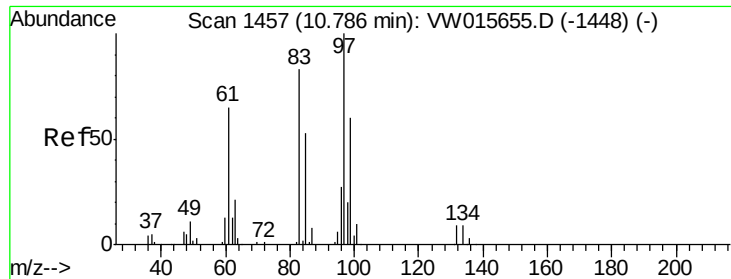
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 6/25/2020 4:15:30 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.936 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion: 75 Resp: 68911
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2
 39 55.1 45.8 68.6





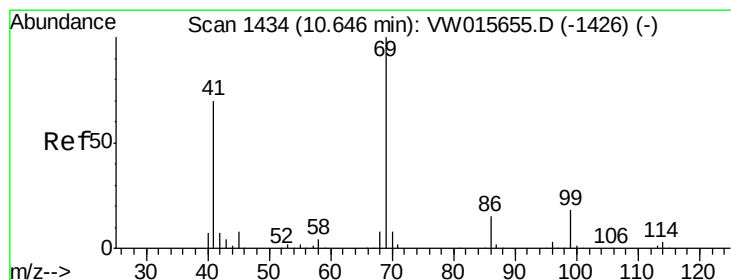
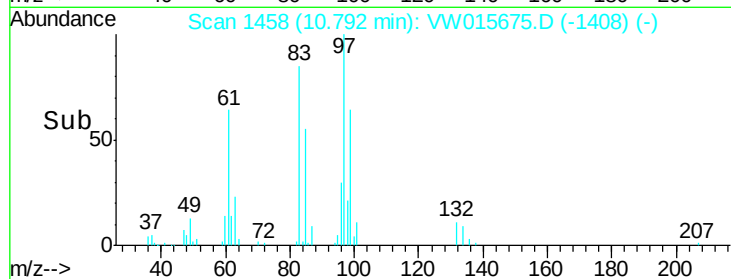
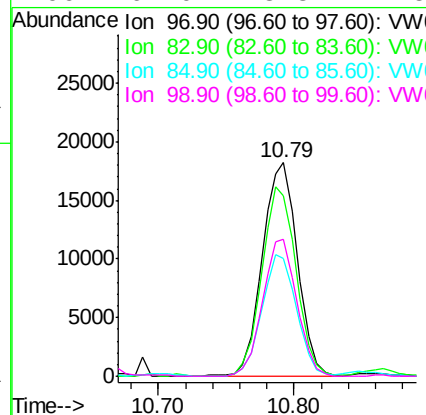
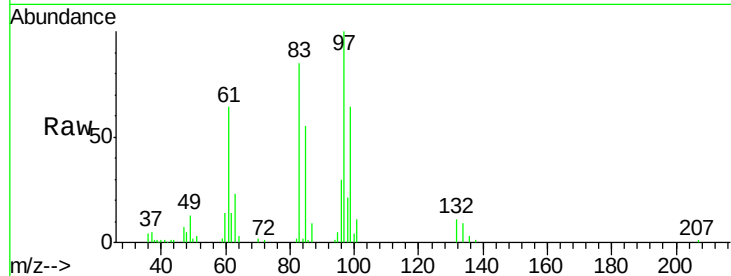
#55
 1,1,2-Trichloroethane
 Concen: 20.530 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		32775		
83	84.8	66.3	99.5		
85	55.0	42.5	63.7		
99	64.0	48.3	72.5		

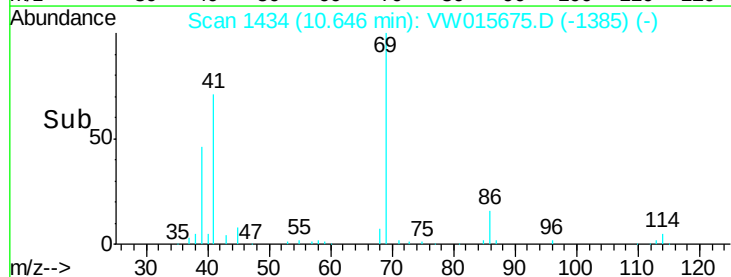
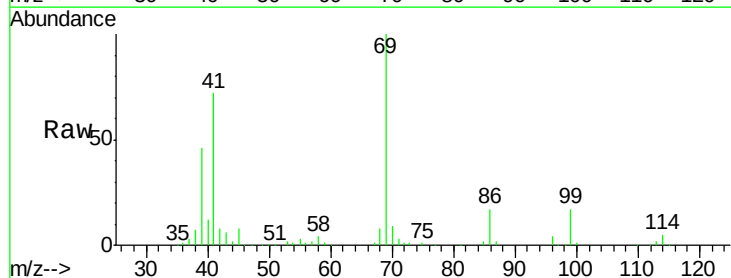
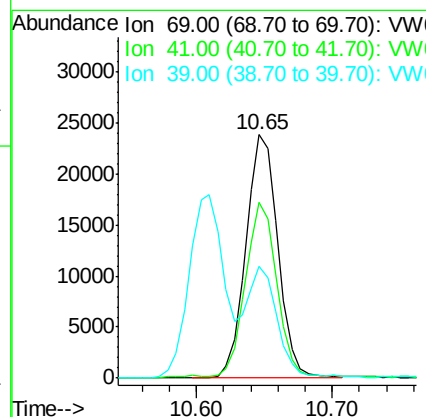
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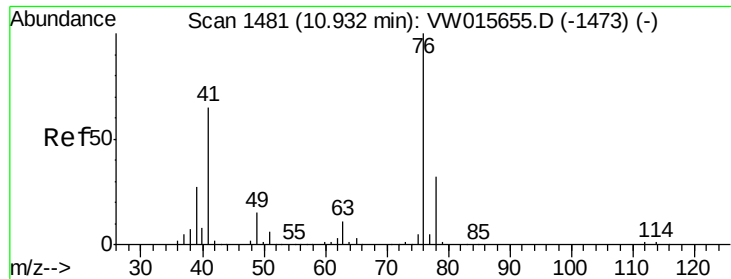
MMDadoda
 6/25/2020 4:15:30 PM



#56
 Ethyl methacrylate
 Concen: 19.808 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		39347		
41	73.5	55.8	83.6		
39	44.5	29.5	44.3#		





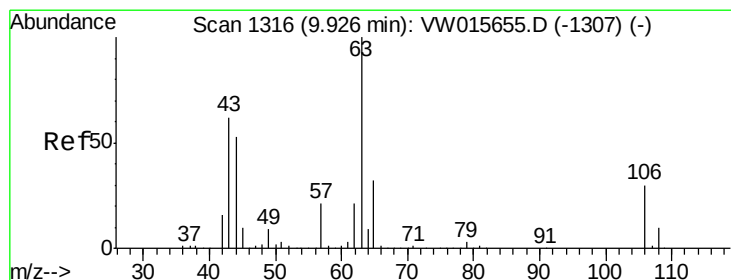
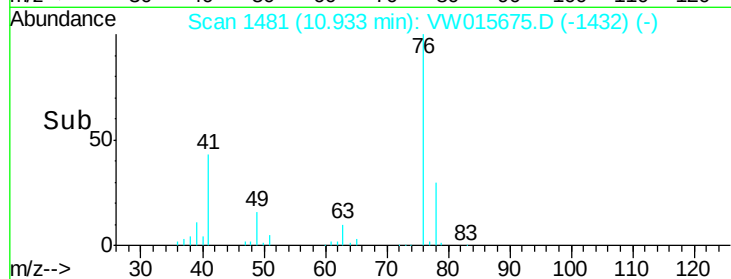
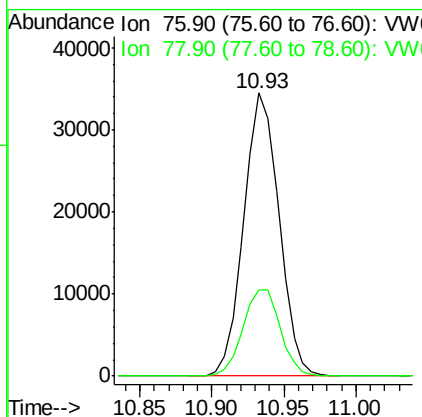
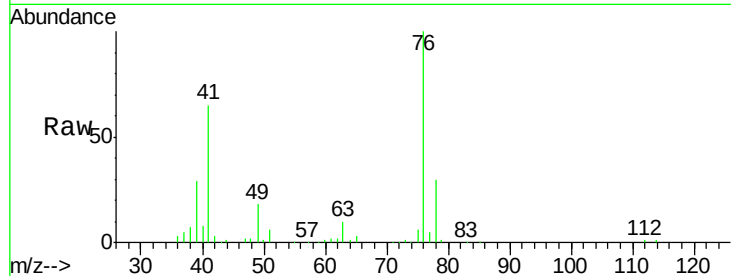
#57
 1,3-Dichloropropane
 Concen: 20.705 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Tot Ion: 76 Resp: 58600
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

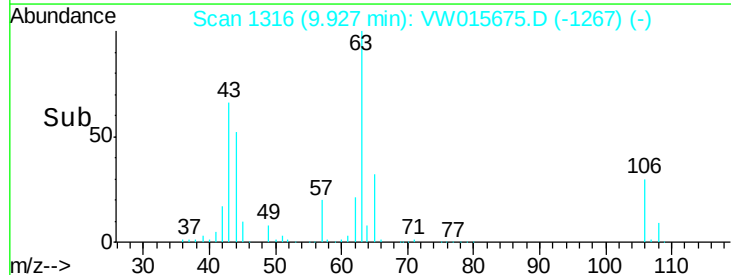
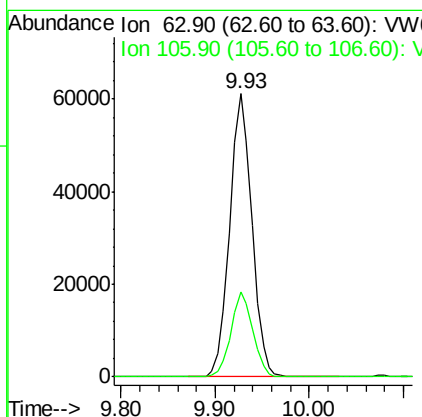
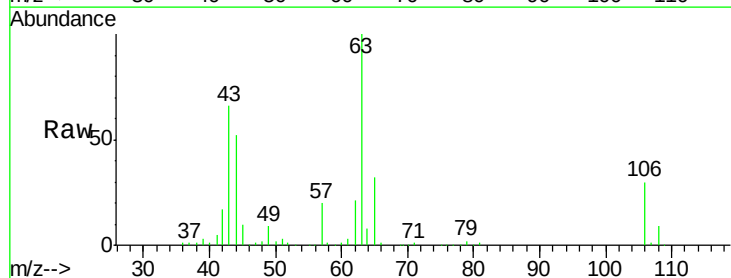
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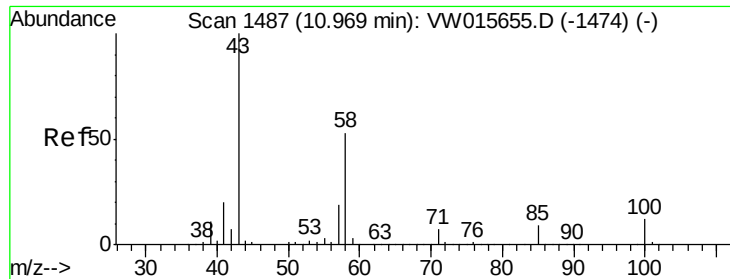
MMDadoda
 6/25/2020 4:15:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.435 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion: 63 Resp: 100050
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.3 34.9





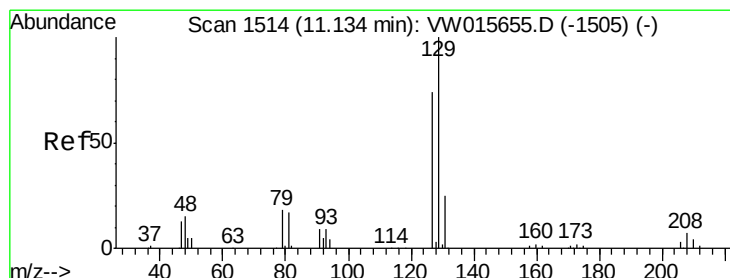
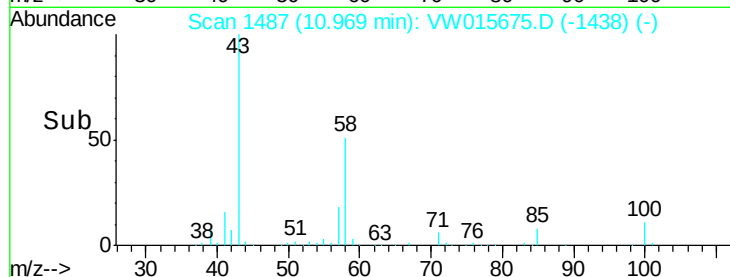
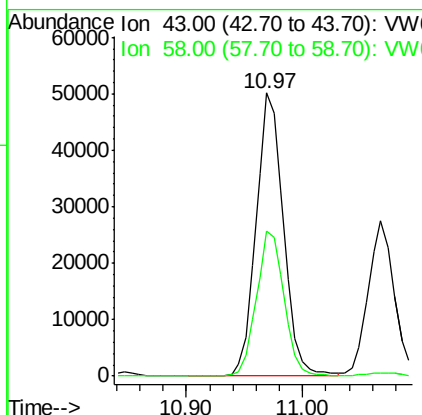
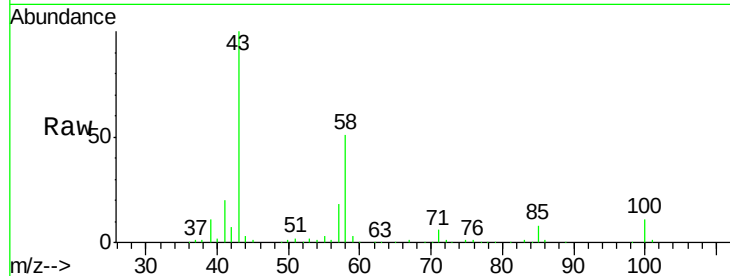
#59
2-Hexanone
Concen: 98.596 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 43 Resp: 82358
Ion Ratio Lower Upper
43 100
58 51.8 26.5 79.4

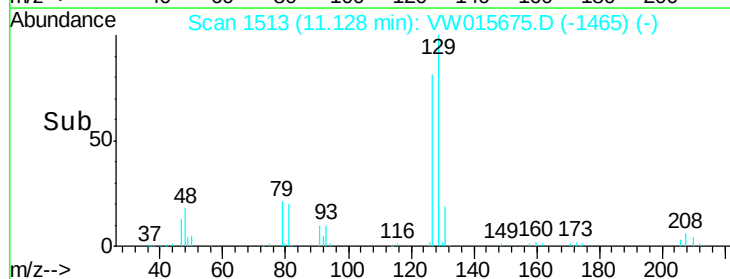
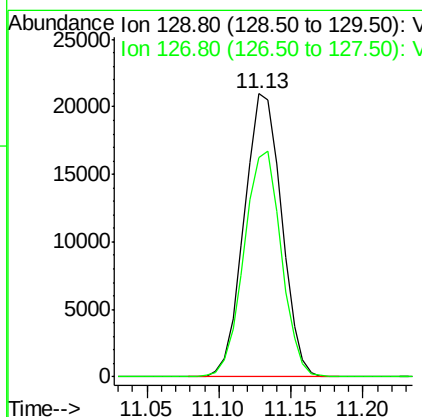
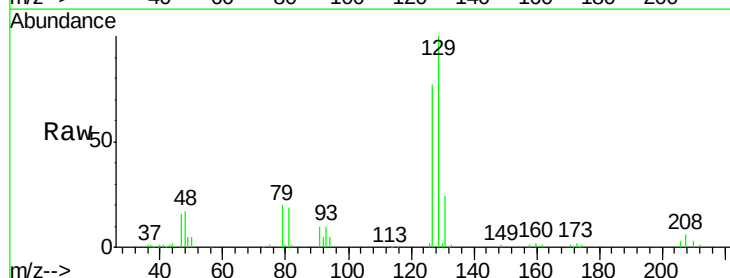
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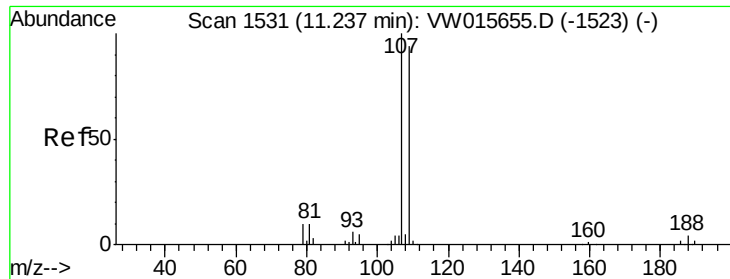
MMDadoda
6/25/2020 4:15:30 PM



#60
Dibromochloromethane
Concen: 20.286 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion: 129 Resp: 37739
Ion Ratio Lower Upper
129 100
127 79.1 38.0 114.1





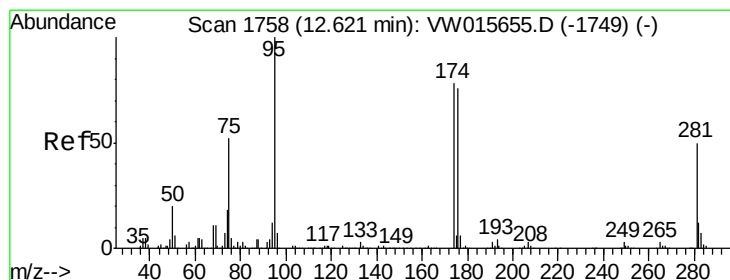
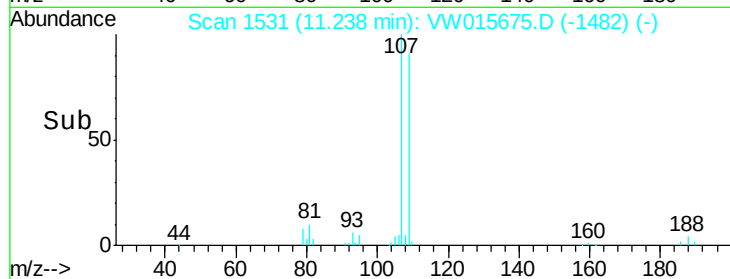
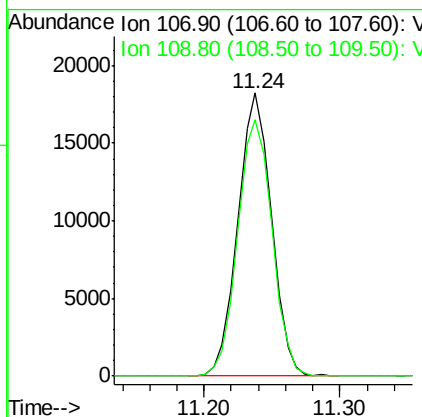
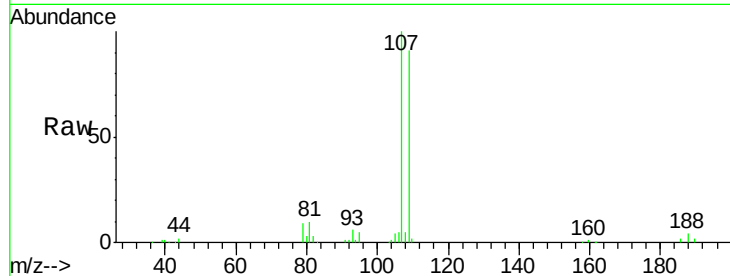
#61
 1,2-Dibromoethane
 Concen: 20.639 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	74.9	112.3

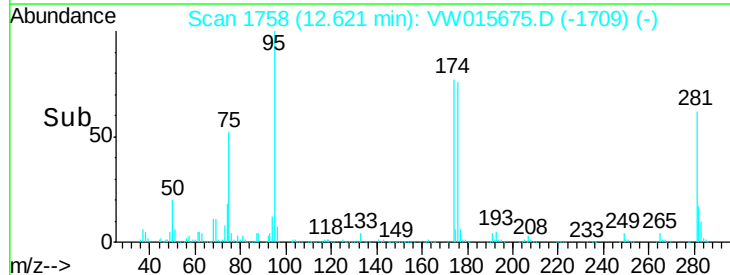
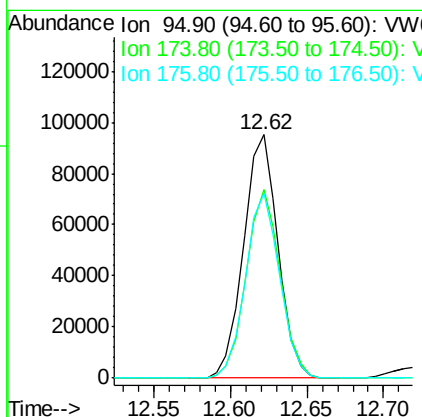
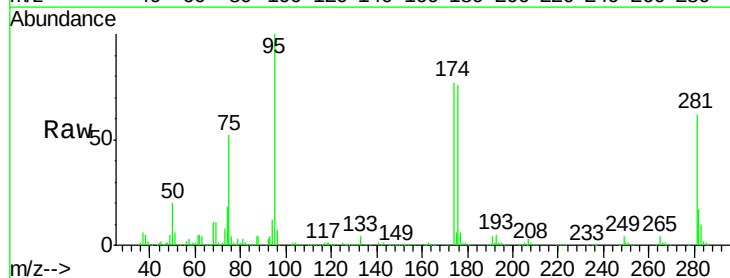
Manual Integrations
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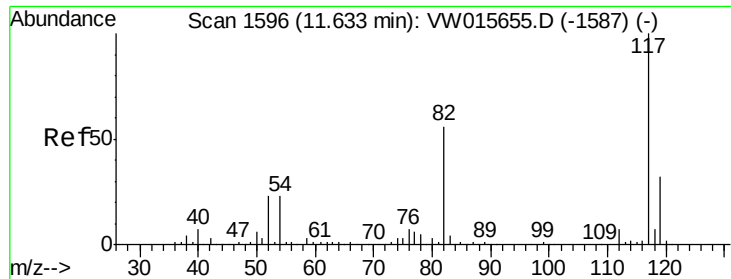
MMDadoda
 6/25/2020 4:15:30 PM



#62
 4-Bromofluorobenzene
 Concen: 50.693 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	157.0
176	75.4	0.0	151.4





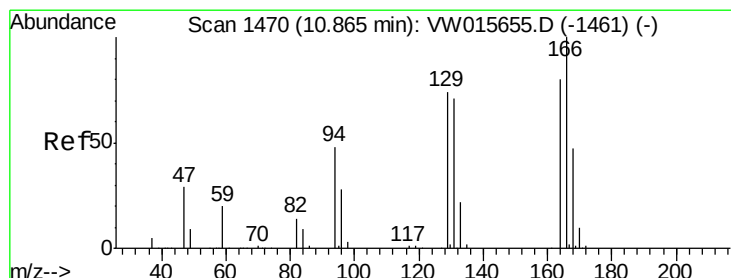
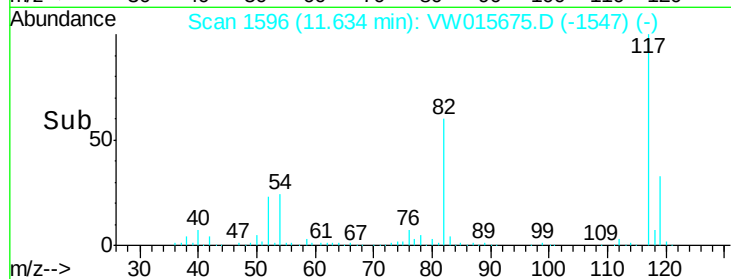
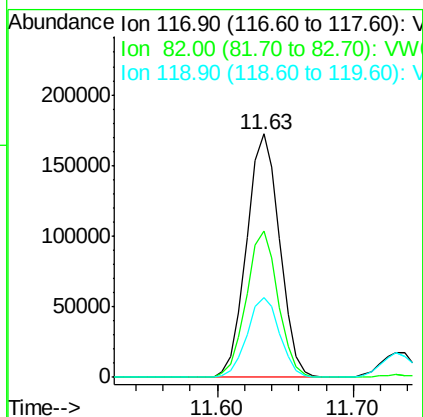
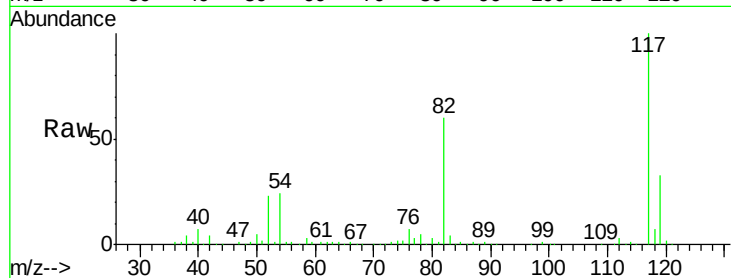
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	45.1	67.7
119	33.0	25.8	38.8

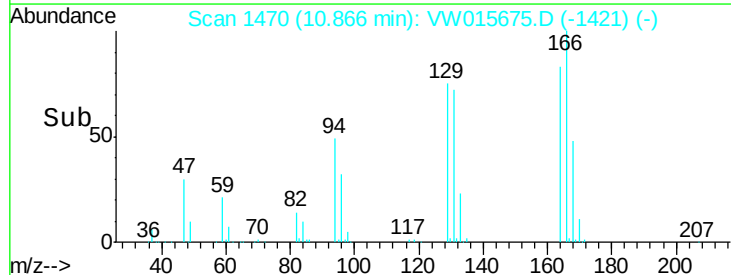
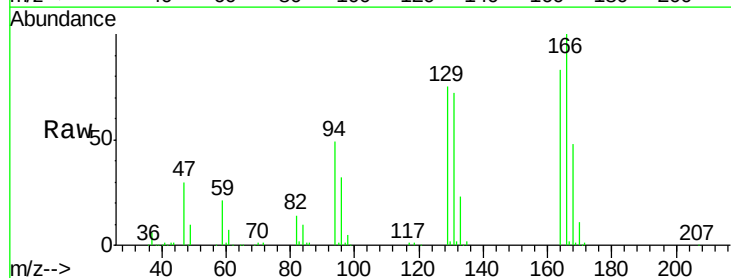
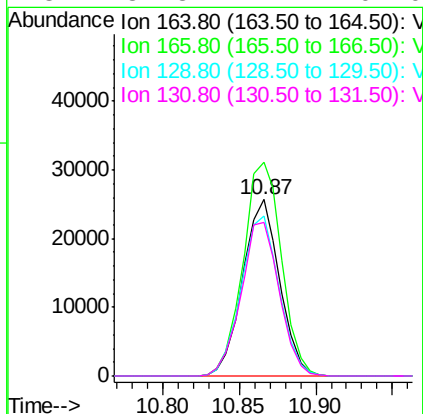
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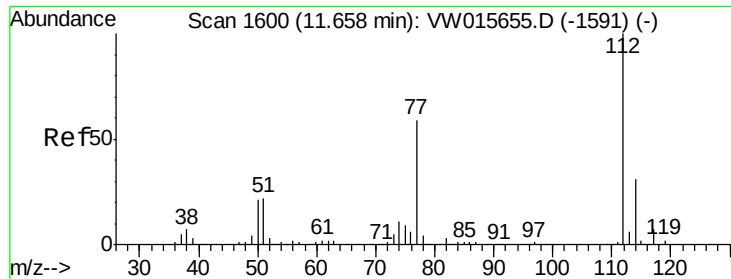
MMDadoda
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#64
Tetrachloroethene
Concen: 20.843 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	99.9	149.9
129	90.6	74.2	111.2
131	87.3	71.4	107.0





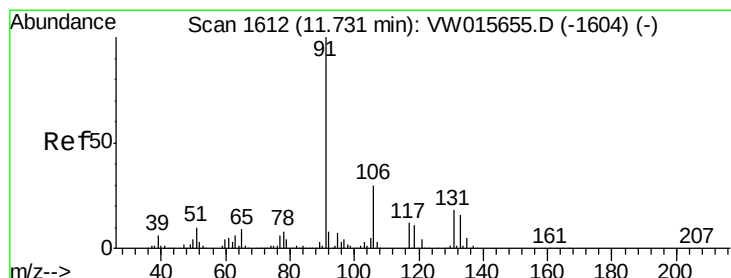
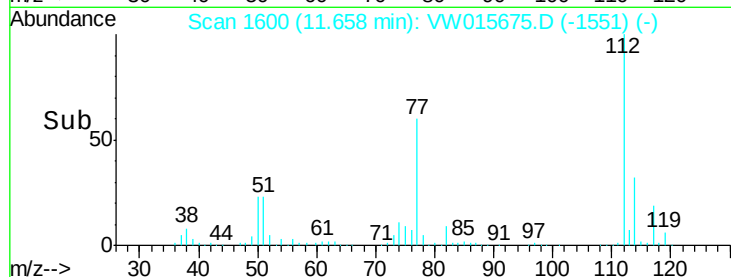
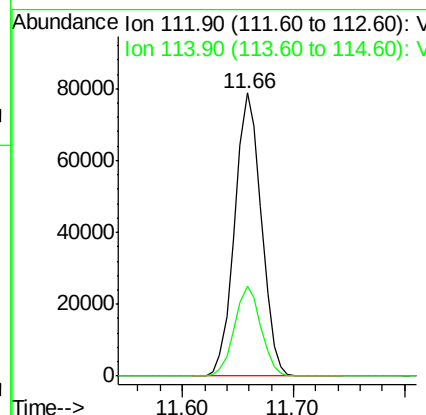
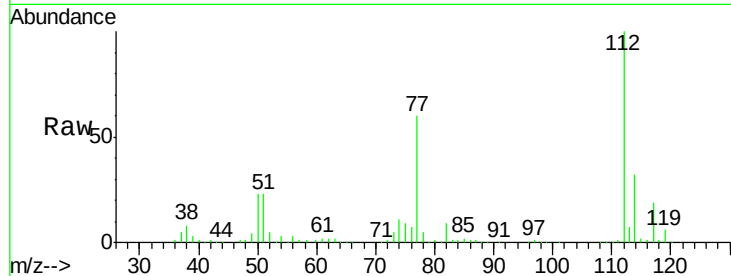
#65
Chlorobenzene
Concen: 21.137 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion:112 Resp: 130610
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3

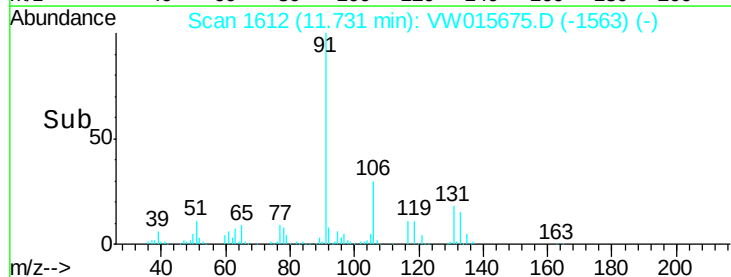
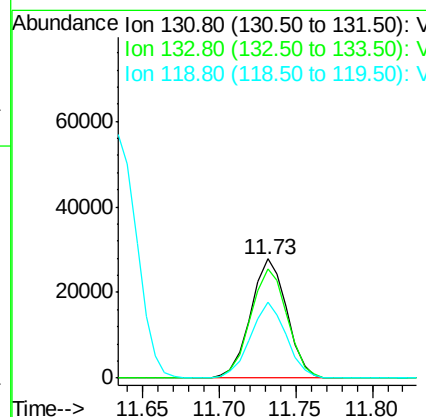
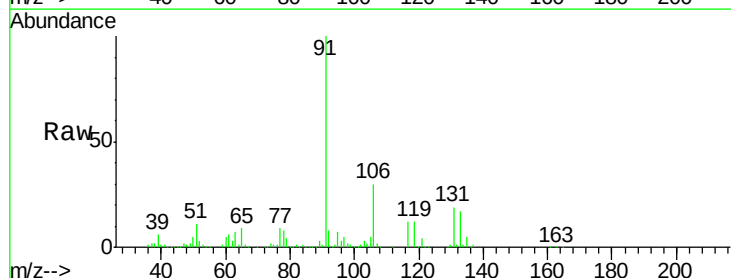
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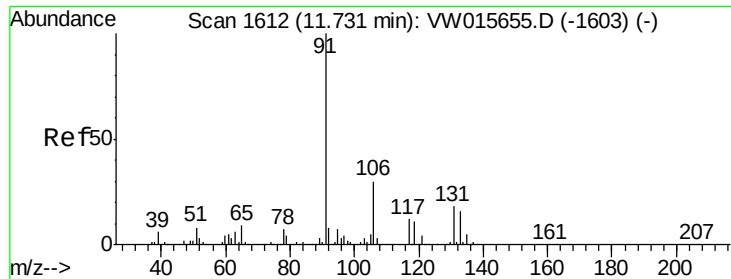
MMDadoda
6/25/2020 4:15:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.139 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion:131 Resp: 45799
Ion Ratio Lower Upper
131 100
133 93.7 46.5 139.5
119 63.1 32.5 97.5





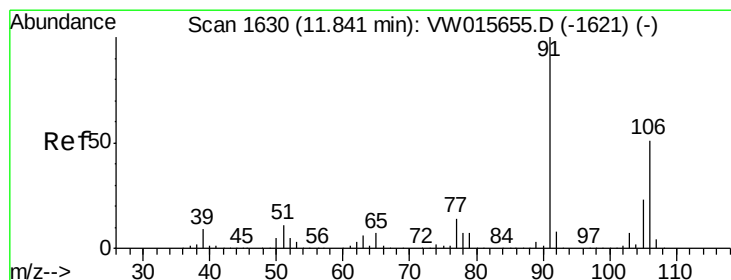
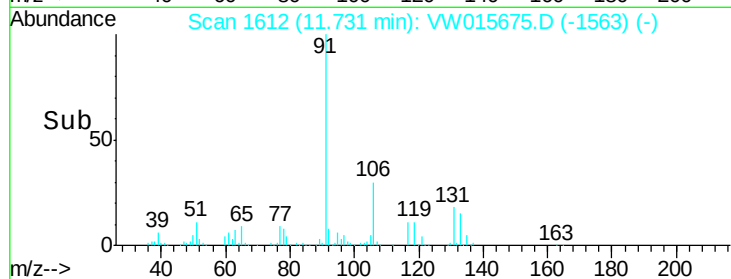
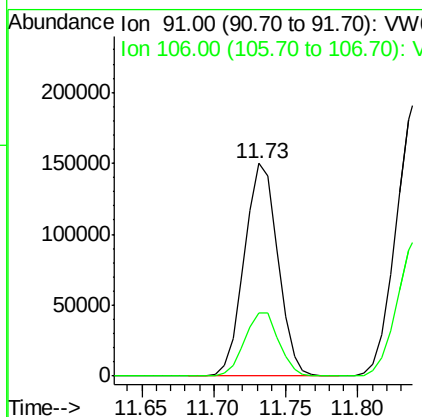
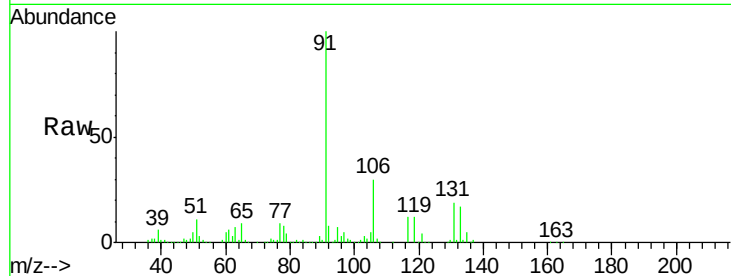
#67
Ethyl Benzene
Concen: 21.066 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion: 91 Resp: 242256
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

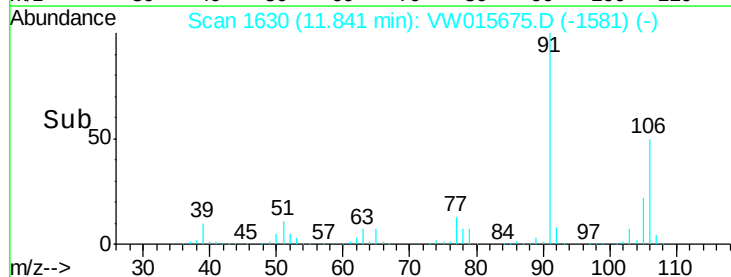
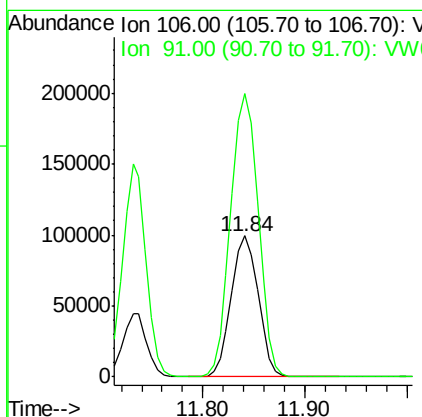
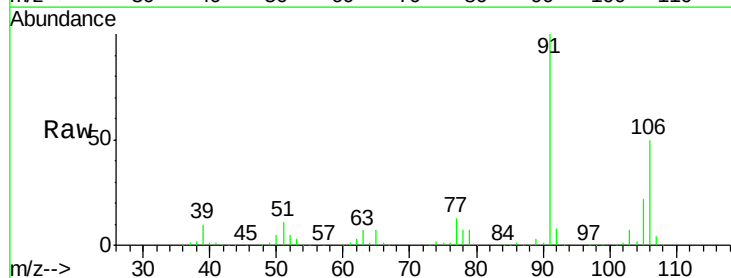
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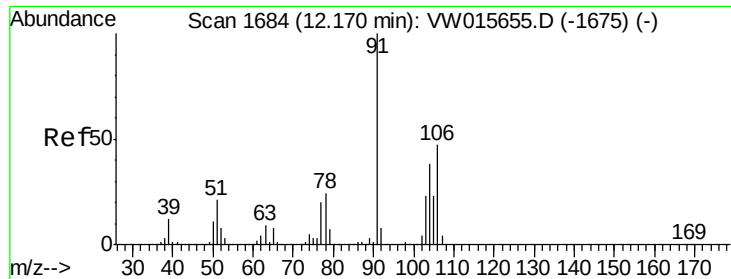
MMDadoda
6/25/2020 4:15:30 PM



#68
m/p-Xylenes
Concen: 42.344 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion:106 Resp: 182849
Ion Ratio Lower Upper
106 100
91 205.6 162.6 244.0





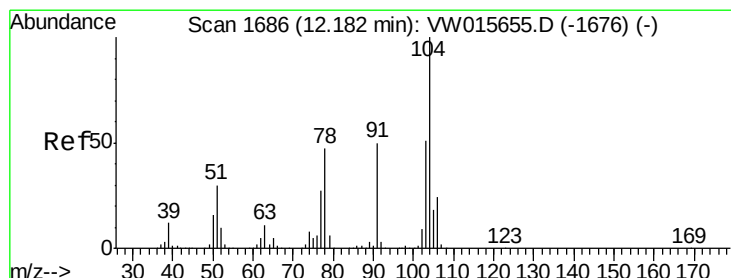
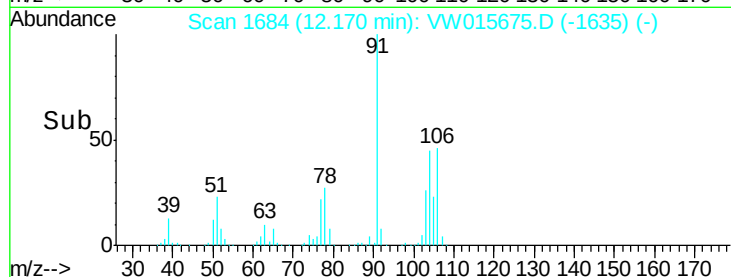
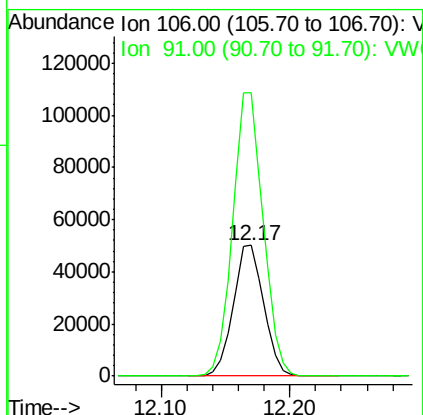
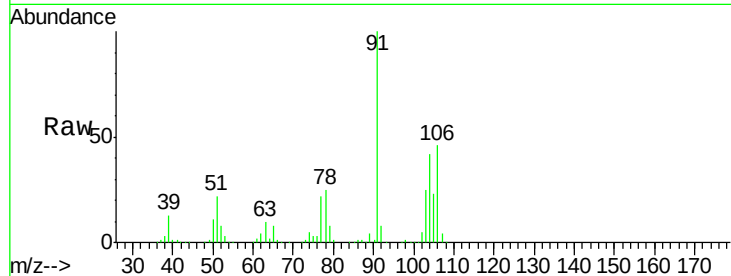
#69
o-Xylene
Concen: 20.764 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

Tot Ion:106 Resp: 82441
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.9

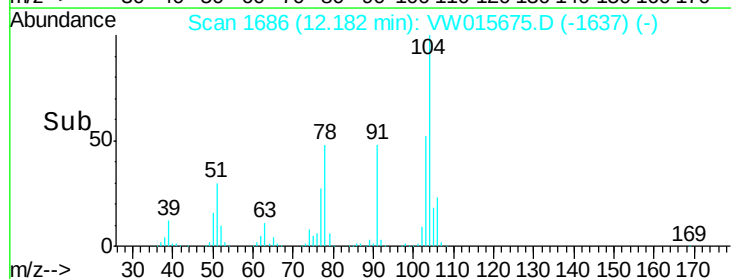
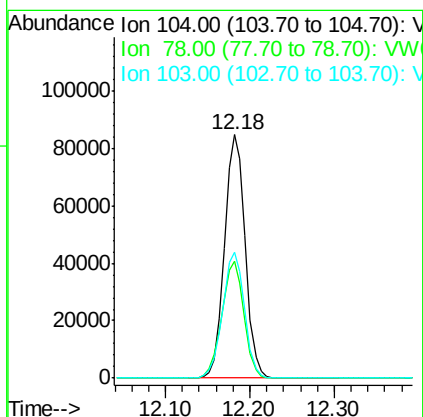
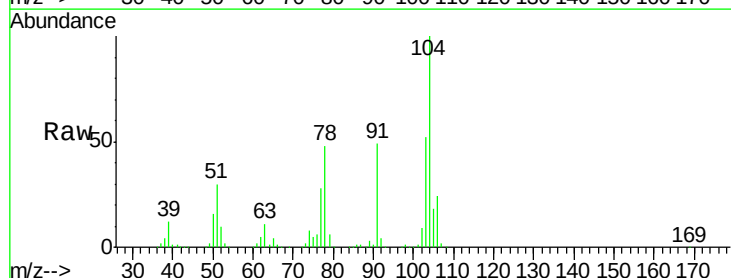
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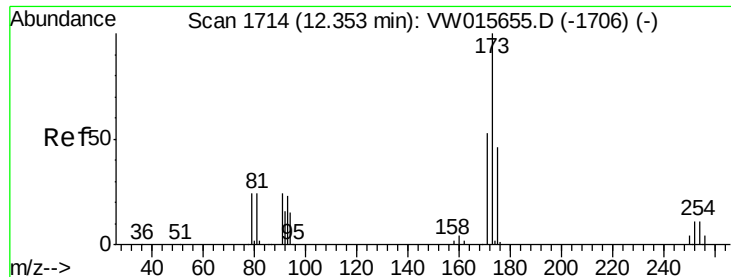
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#70
Styrene
Concen: 21.066 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion:104 Resp: 142901
Ion Ratio Lower Upper
104 100
78 51.3 40.9 61.3
103 54.8 43.1 64.7





#71

Bromoform

Concen: 20.124 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBSD01

Tot Ion:173 Resp: 20061

Ion Ratio Lower Upper

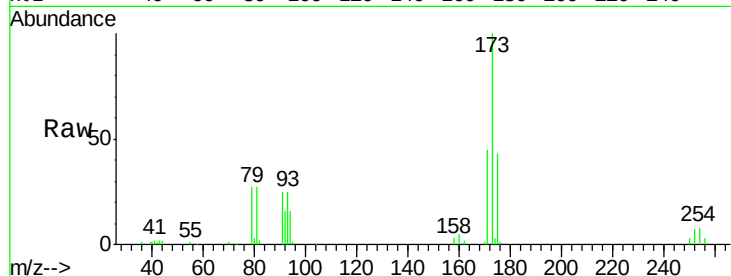
173 100

175 47.1 23.5 70.6

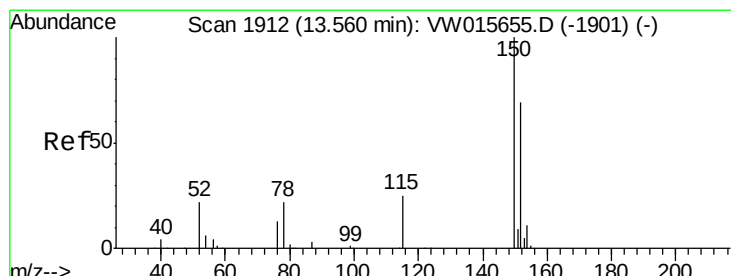
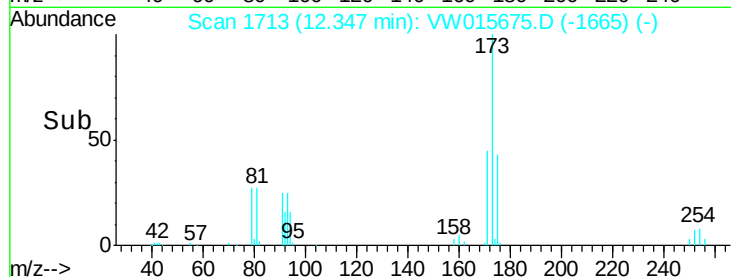
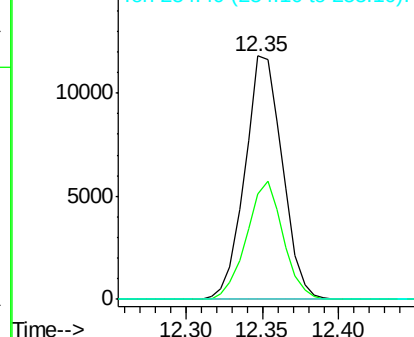
254 0.0 0.1 0.1#

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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: VW015675.D

Acq: 24 Jun 2020 11:52

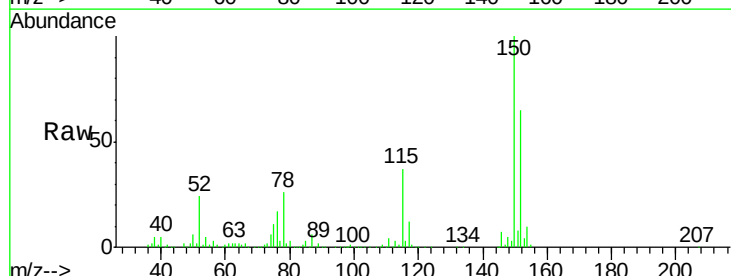
Tgt Ion:152 Resp: 149703

Ion Ratio Lower Upper

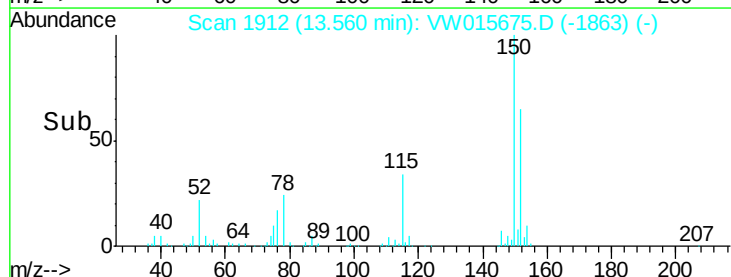
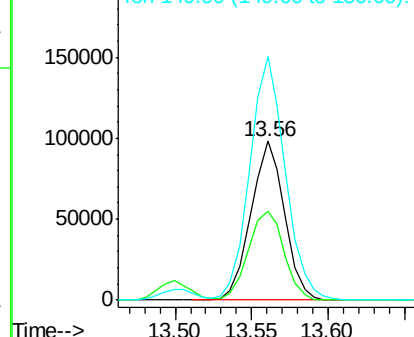
152 100

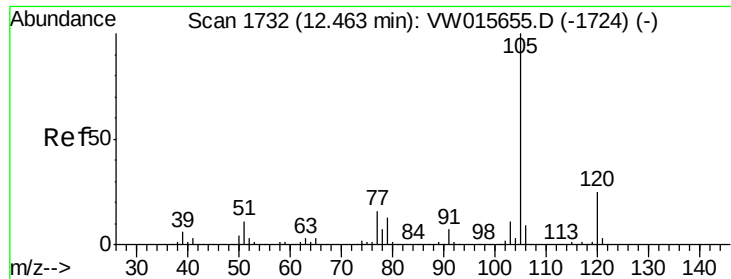
115 59.5 30.1 90.5

150 161.6 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





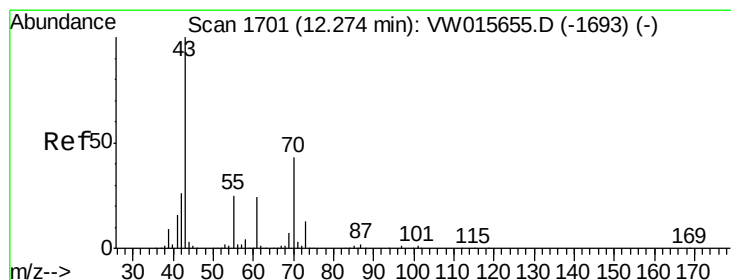
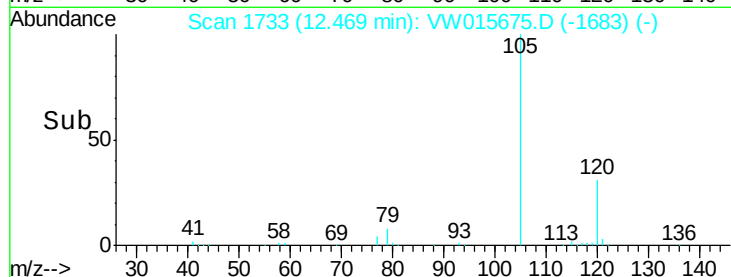
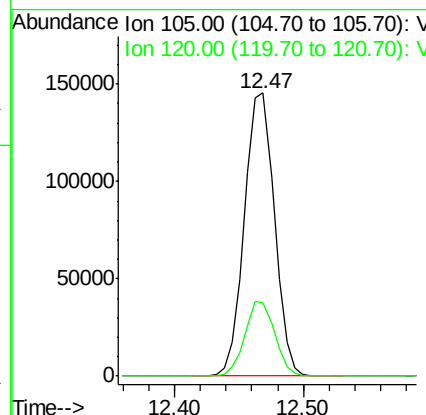
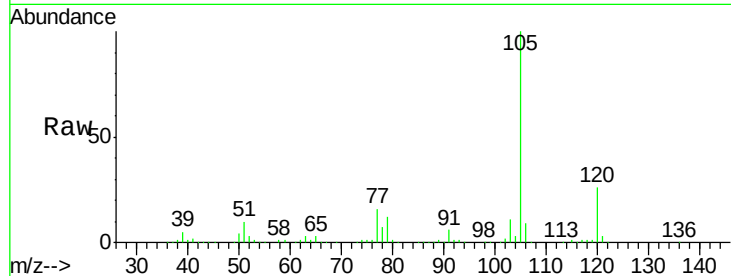
#73
Isopropylbenzene
Concen: 20.523 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.9	38.7

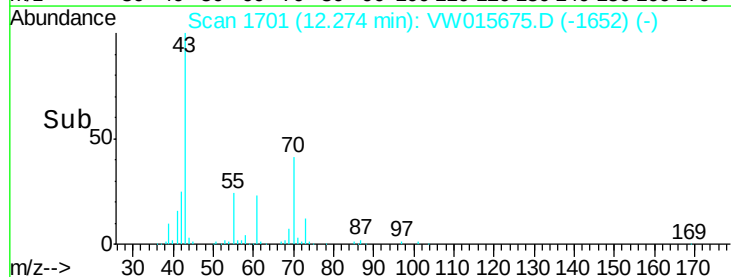
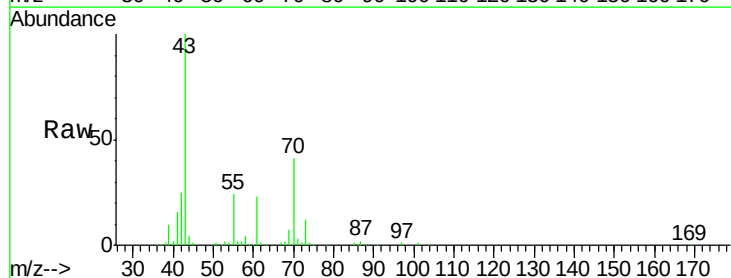
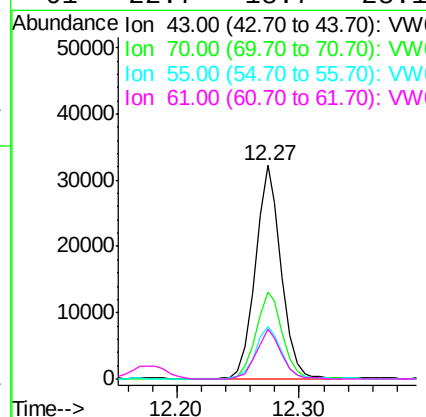
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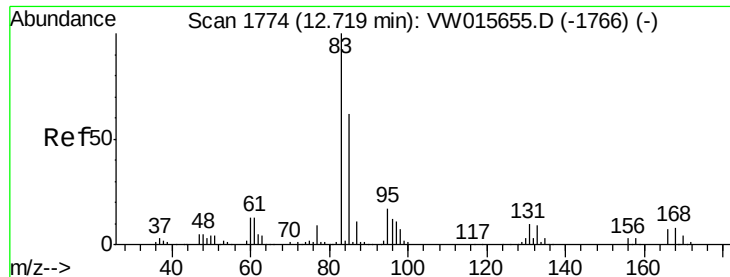
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#74
N-ethyl acetate
Concen: 19.572 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.6	33.6	50.4
55	24.9	19.7	29.5
61	22.7	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.459 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

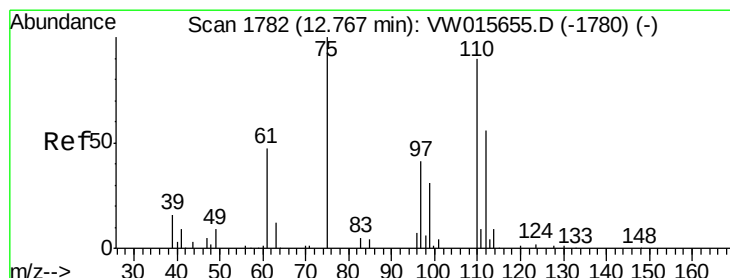
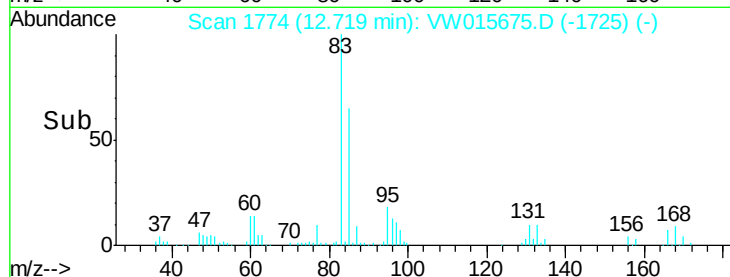
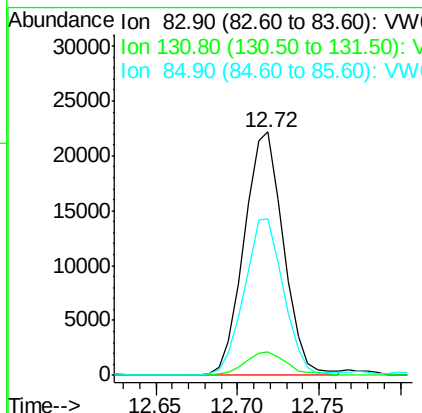
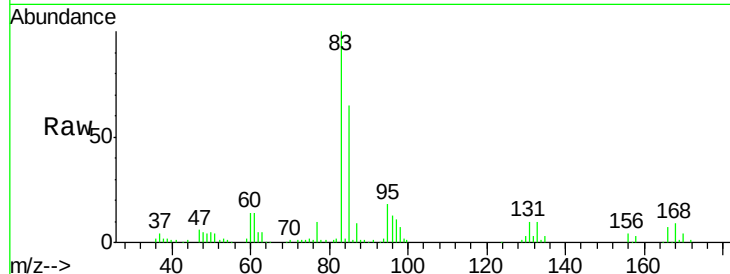
ClientSampleId :

VW0624SBSD01

Tot Ion:	83	Resp:	37377
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.5	16.4
85	64.1	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.789 ug/l m

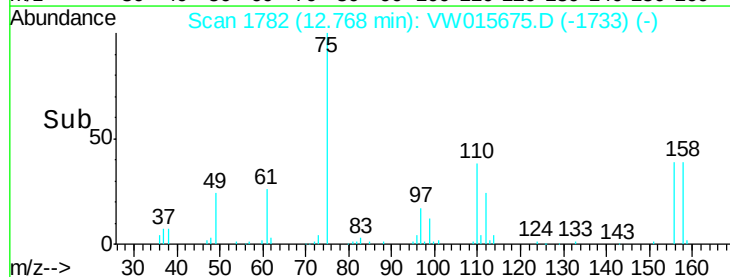
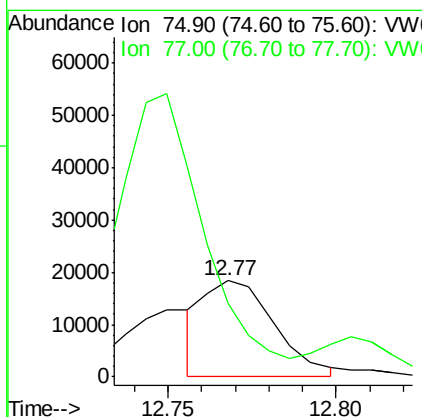
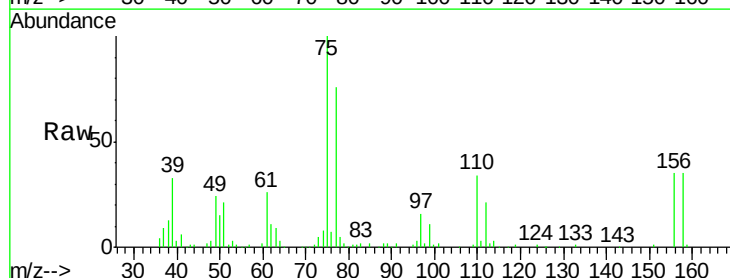
RT: 12.77 min Scan# 1782

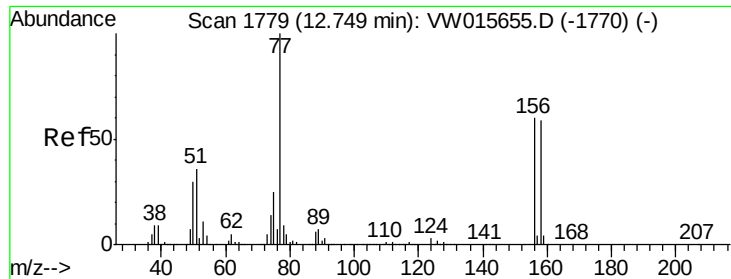
Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	75	Resp:	27022
Ion	Ratio	Lower	Upper
75	100		
77	365.8	179.1	537.1





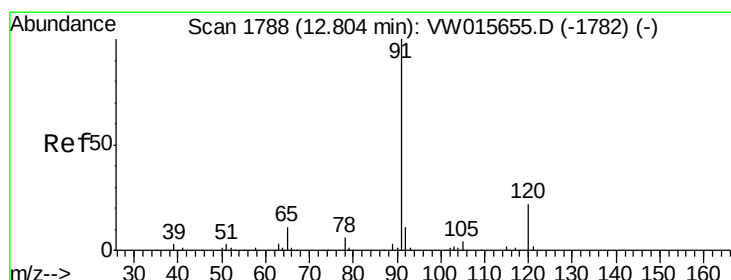
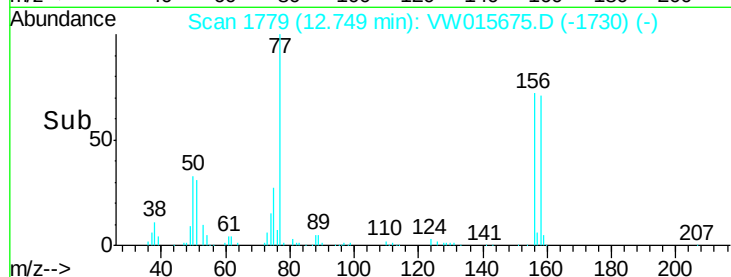
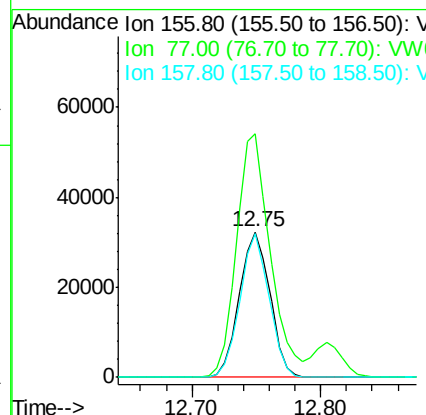
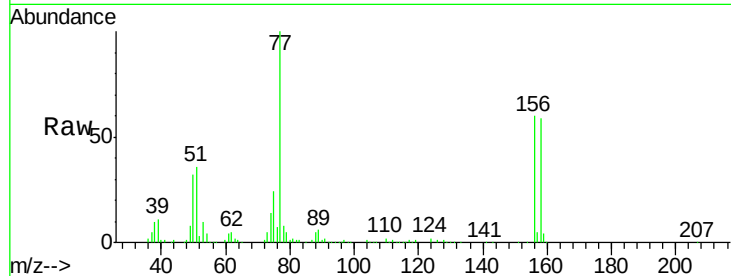
#77
Bromobenzene
Concen: 20.869 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampled :
VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.0	94.5	283.5
158	94.6	47.9	143.6

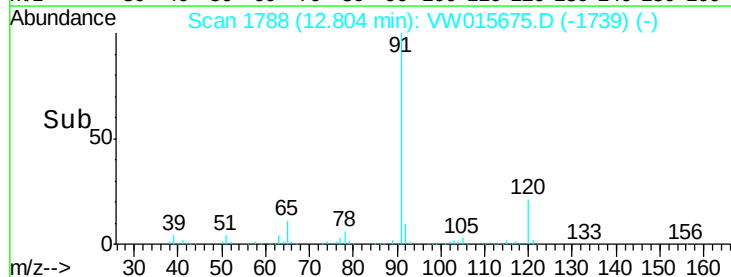
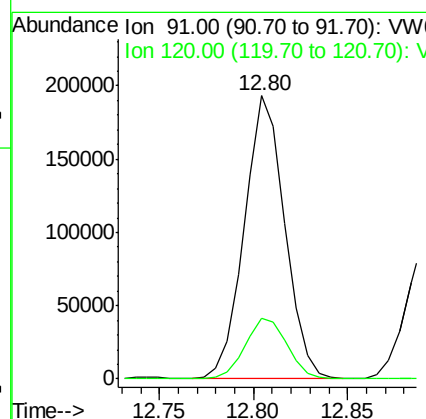
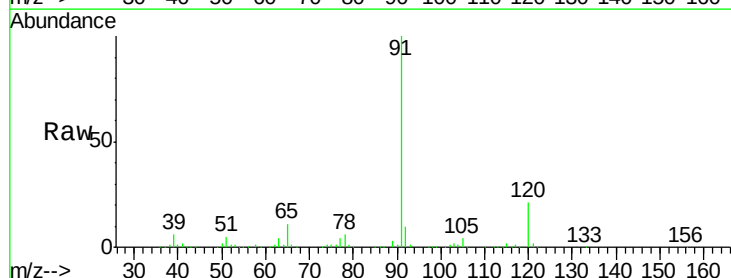
Manual Integrations
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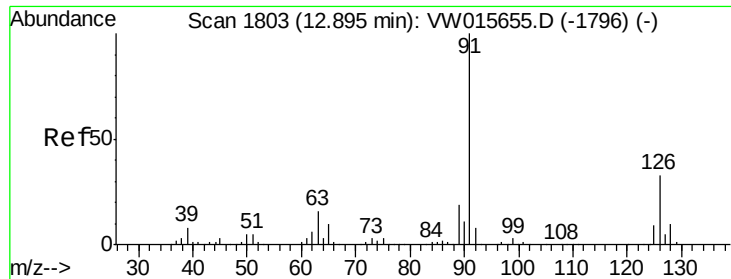
MMDadoda
6/25/2020 4:15:30 PM



#78
n-propylbenzene
Concen: 20.831 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





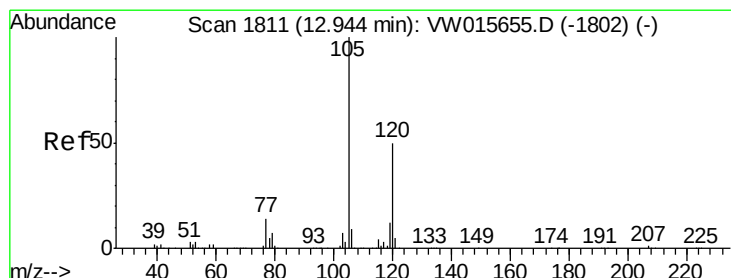
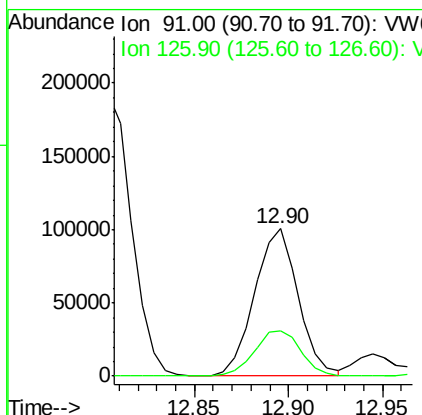
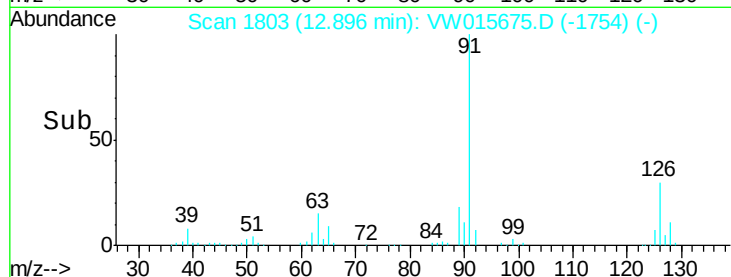
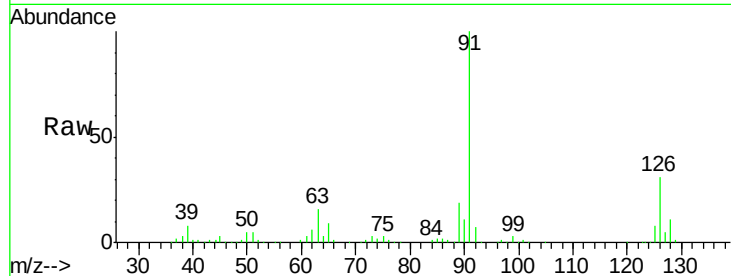
#79
 2-Chlorotoluene
 Concen: 20.838 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion: 91 Resp: 161278
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.6 49.8

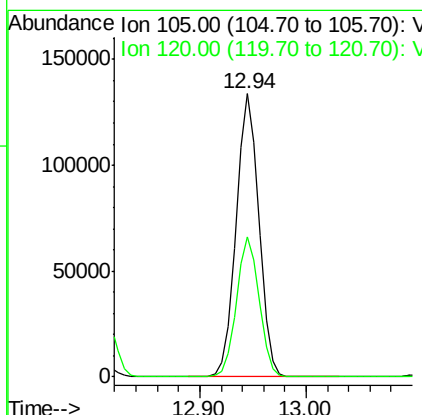
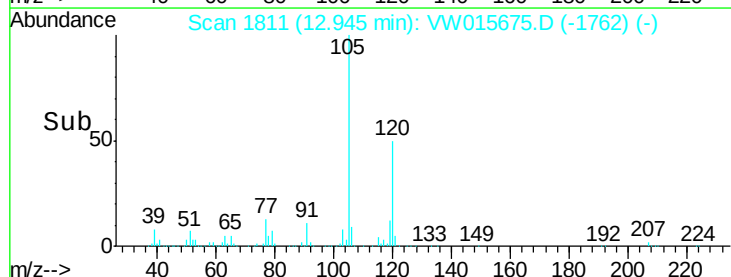
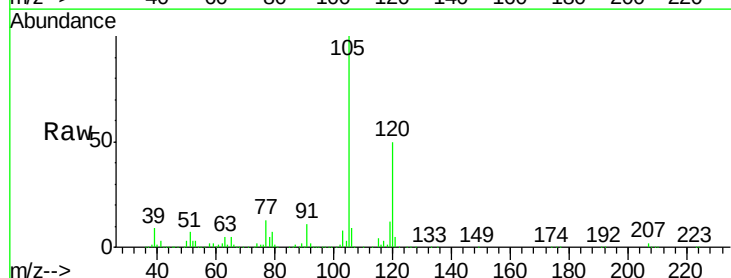
Manual Integrations
 APPROVED

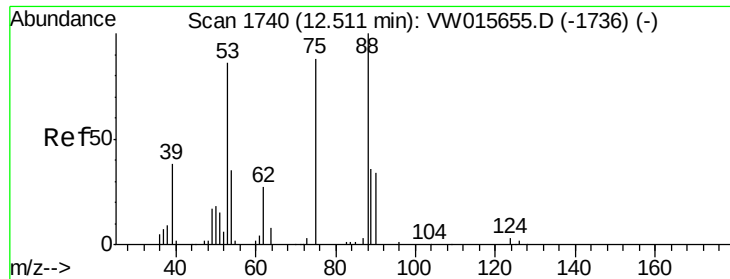
MMDadoda
 6/25/2020 4:15:30 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.808 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion: 105 Resp: 201344
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.019 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

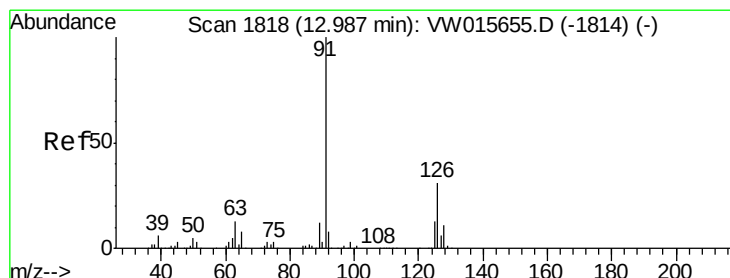
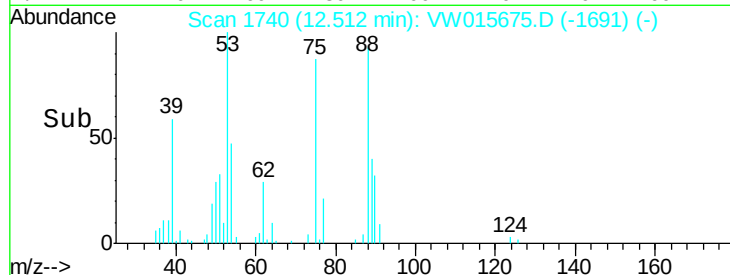
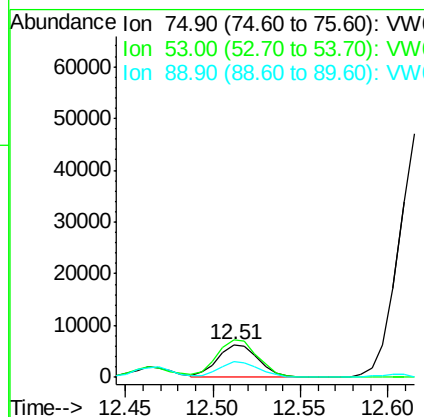
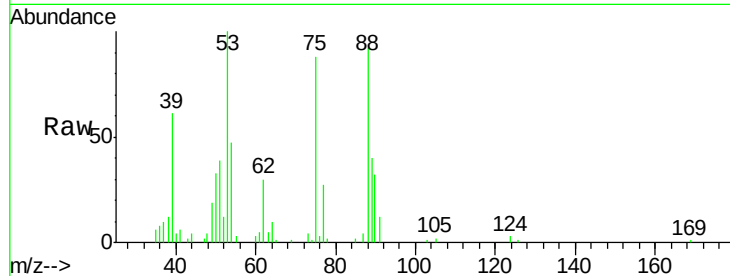
ClientSampleId :

VW0624SBSD01

Tot Ion:	75	Resp:	10306
Ion	Ratio	Lower	Upper
75	100		
53	114.3	83.8	125.8
89	46.1	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.918 ug/l

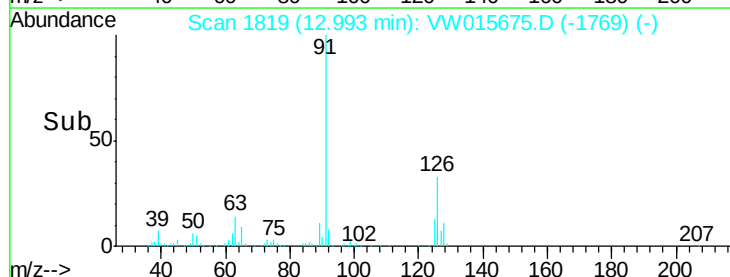
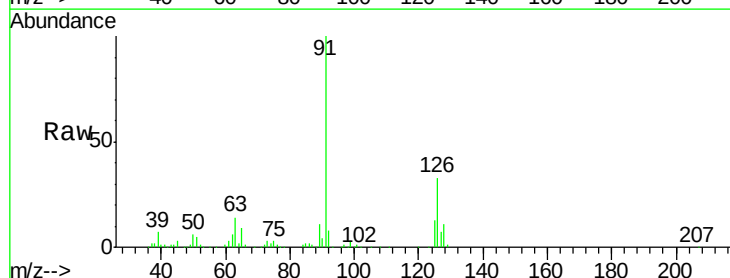
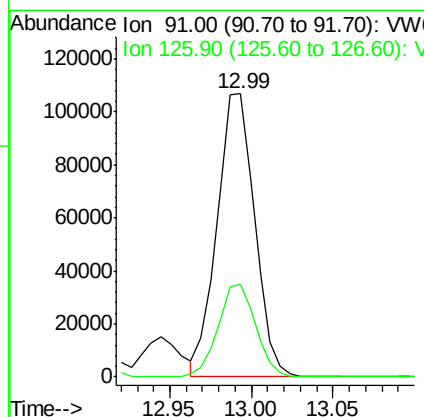
RT: 12.99 min Scan# 1819

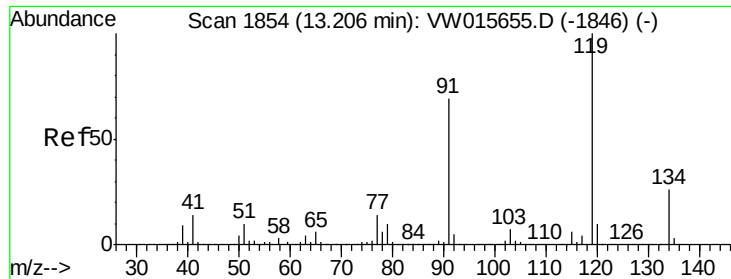
Delta R.T. 0.01 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Tgt Ion:	91	Resp:	171282
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





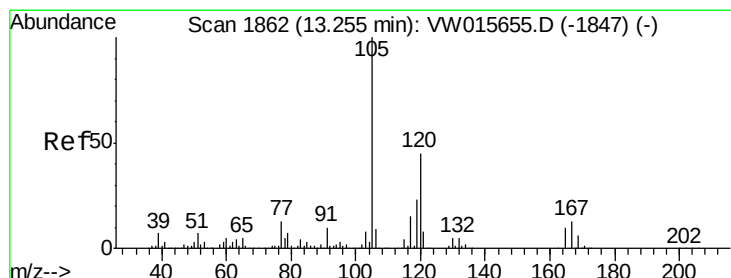
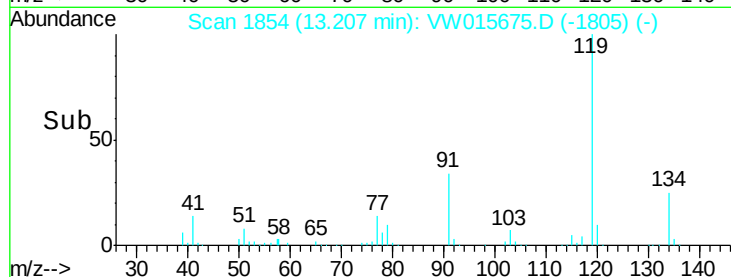
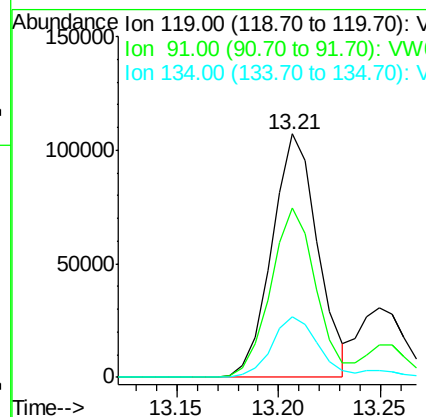
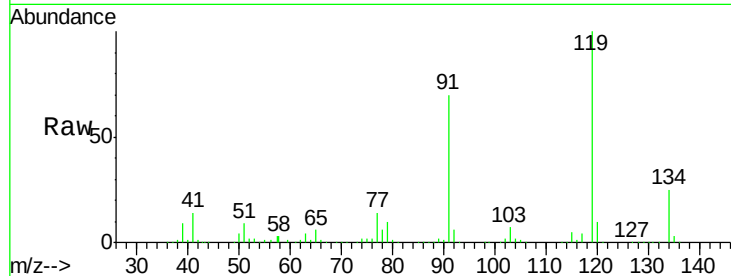
#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	167935		
91	69.7	34.7	104.1	
134	25.1	13.8	41.4	

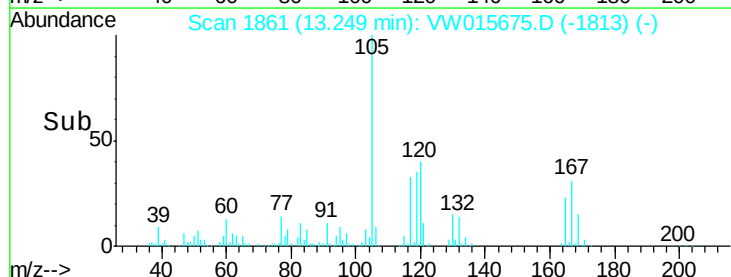
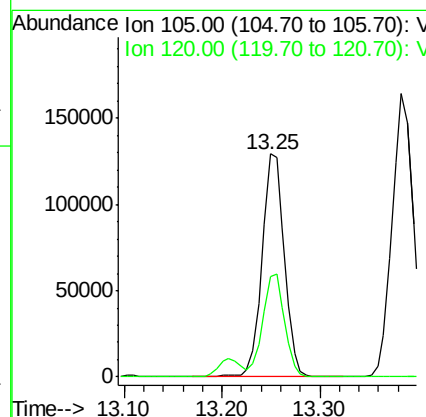
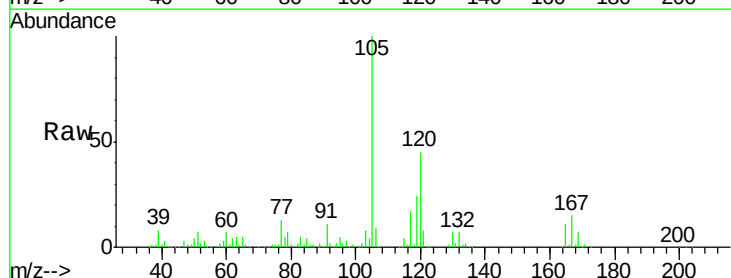
Manual Integrations
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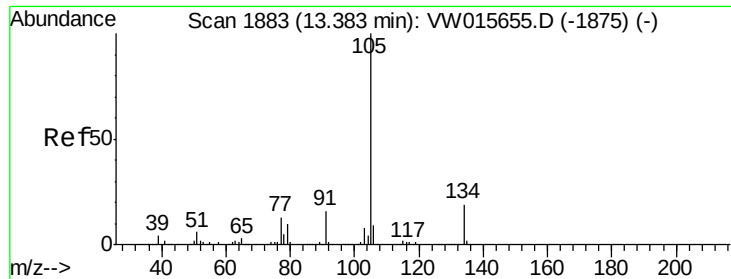
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.167 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204267		
120	44.8	22.8	68.3	





#85

sec-Butylbenzene

Concen: 21.220 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS01

Tot Ion:105 Resp: 247953

Ion Ratio Lower Upper

105 100

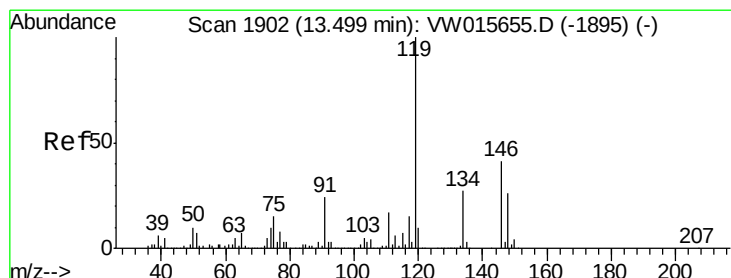
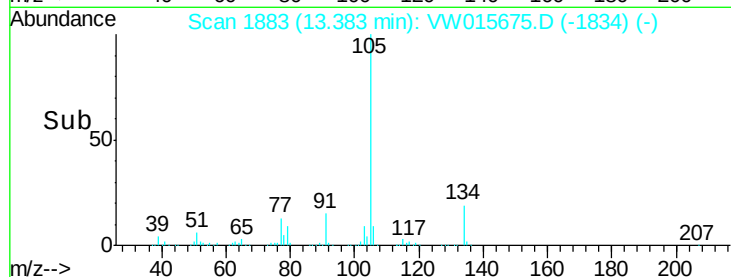
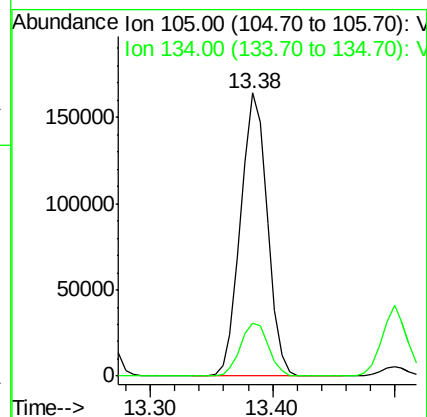
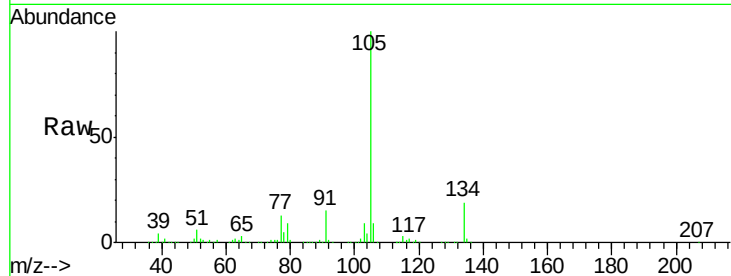
134 19.6 10.0 29.8

Manual Integrations

APPROVED

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#86

p-Isopropyltoluene

Concen: 21.217 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015675.D

Acq: 24 Jun 2020 11:52

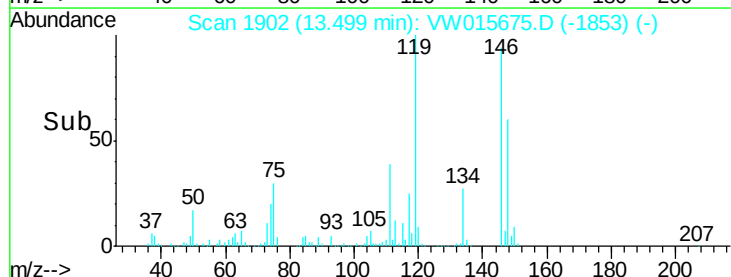
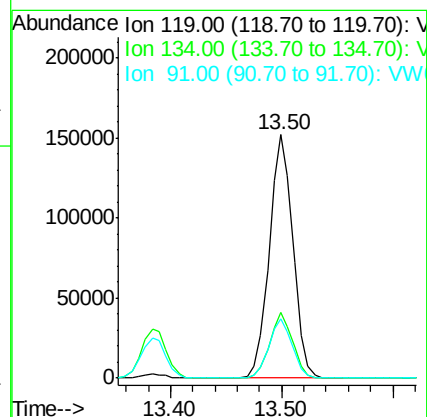
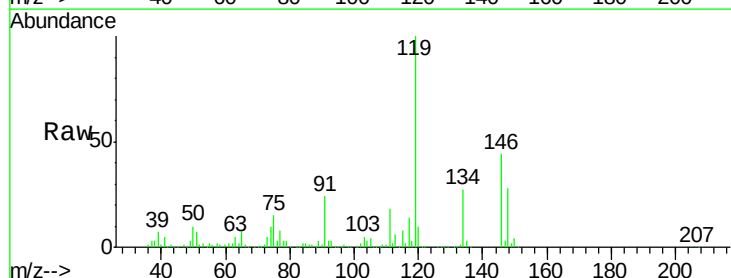
Tgt Ion:119 Resp: 225251

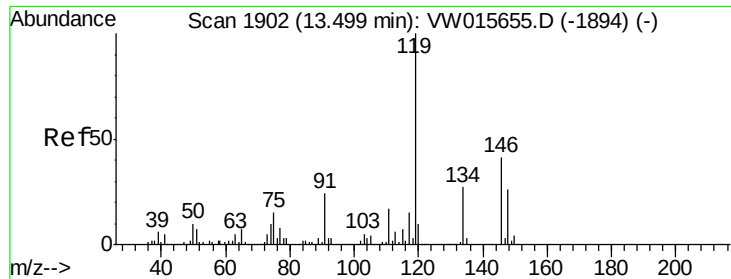
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

91 24.0 12.3 36.8





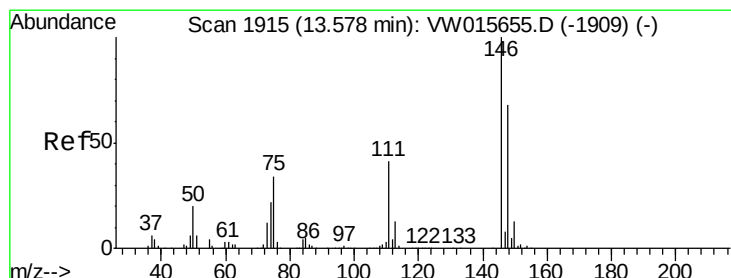
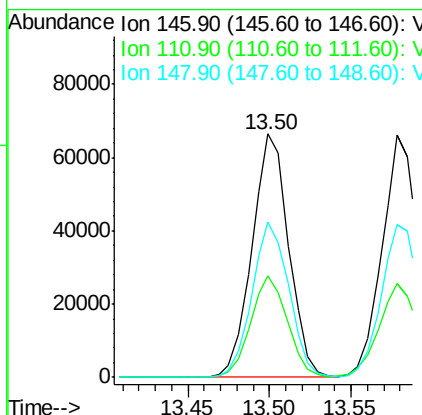
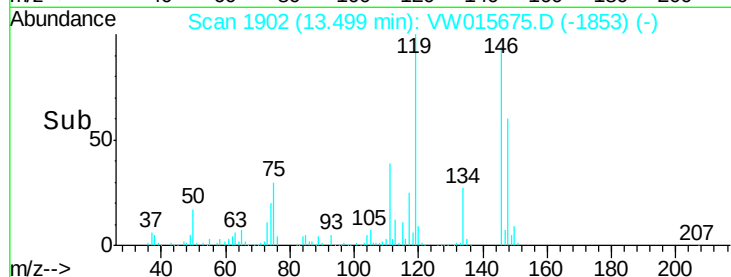
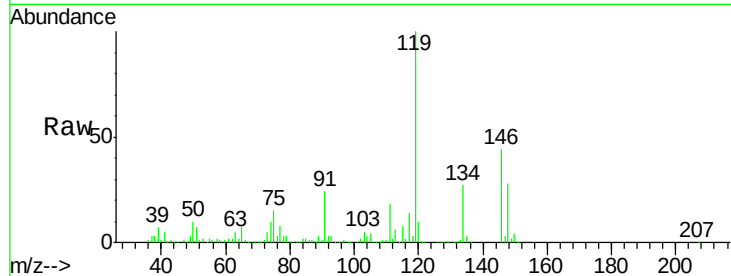
#87
 1,3-Dichlorobenzene
 Concen: 20.591 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.6	20.3	60.8	
148	64.1	31.6	94.7	

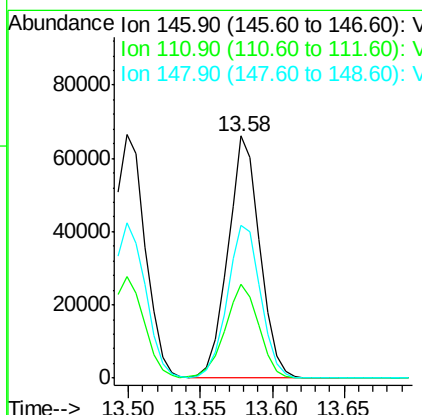
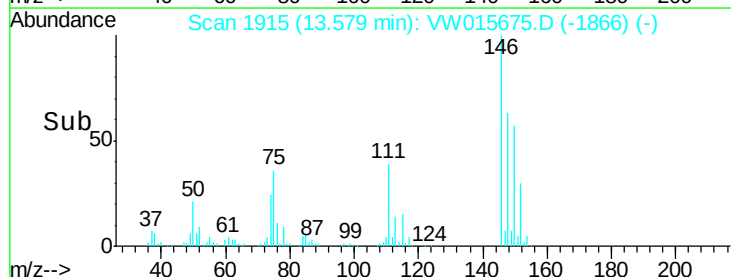
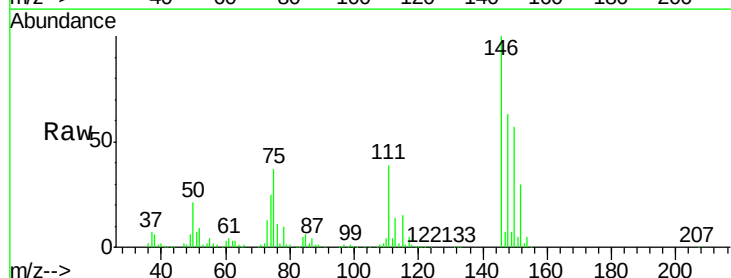
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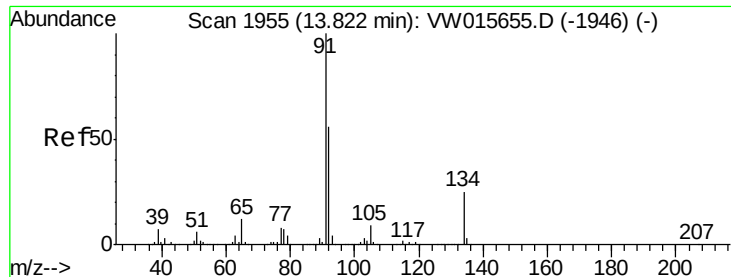
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 6/25/2020 4:15:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.0	20.3	60.9	
148	65.8	33.7	101.1	





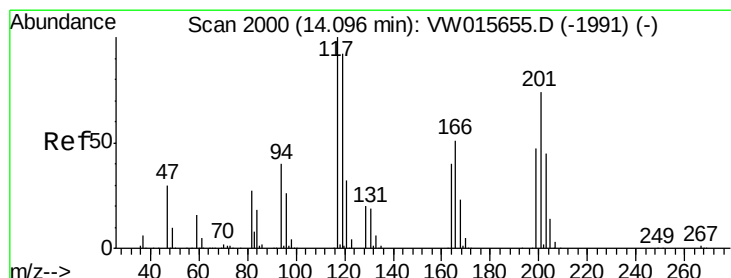
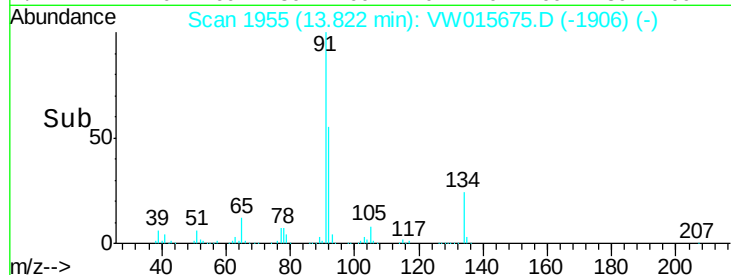
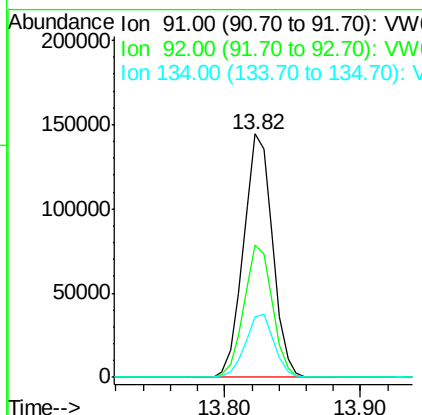
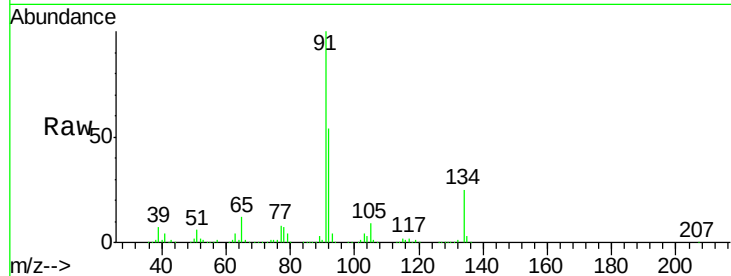
#89
n-Butylbenzene
Concen: 21.098 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	215015		
92	53.3		27.5	82.4
134	25.8		13.0	38.9

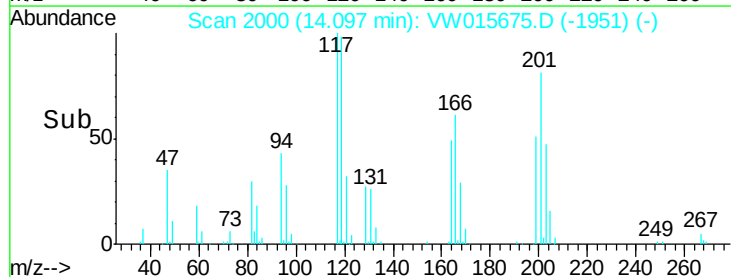
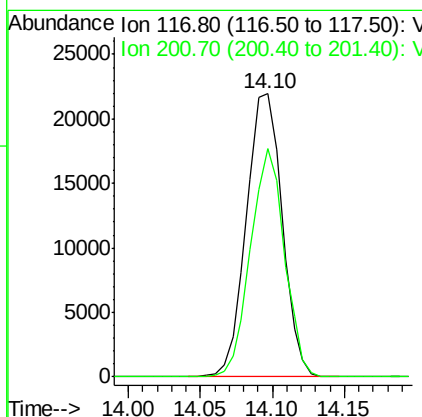
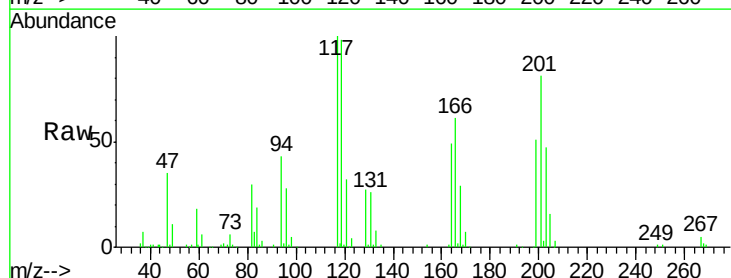
Manual Integrations
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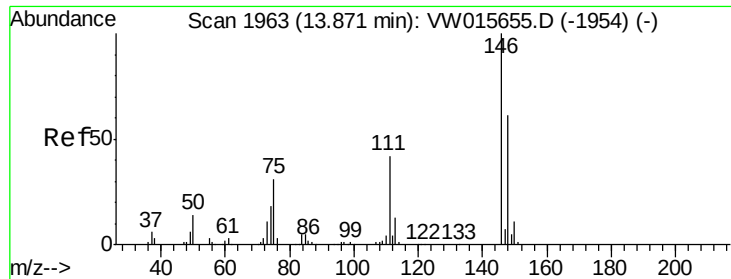
MMDadoda
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#90
Hexachloroethane
Concen: 20.006 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37797		
201	76.2		37.1	111.5





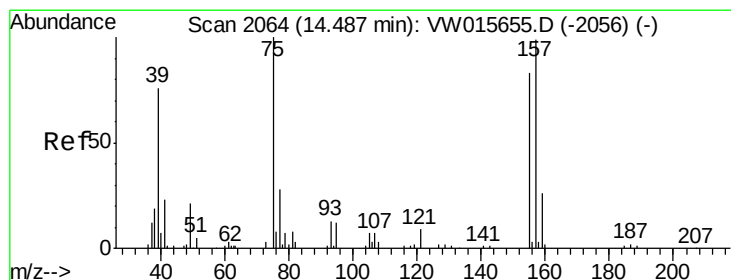
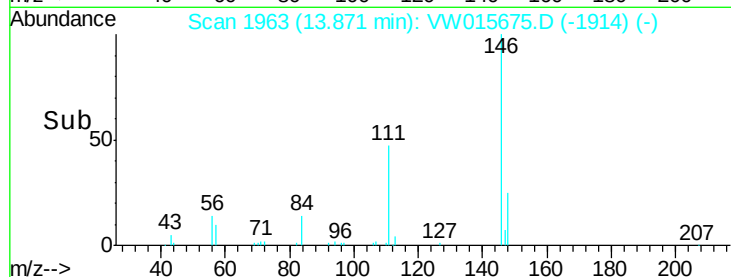
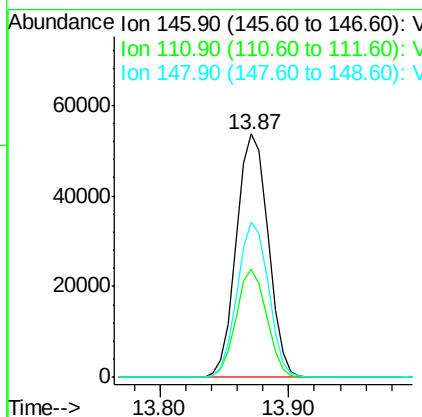
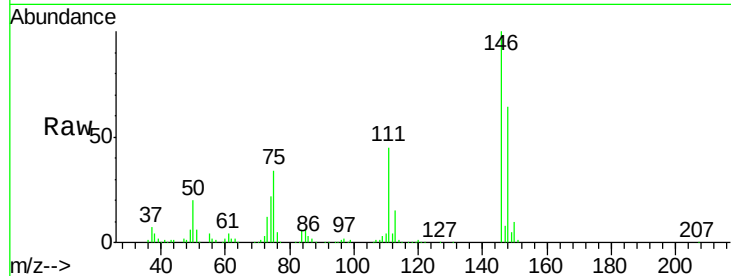
#91
 1,2-Dichlorobenzene
 Concen: 20.976 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampled :
 VW0624SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.7
148	62.8	32.2	96.6

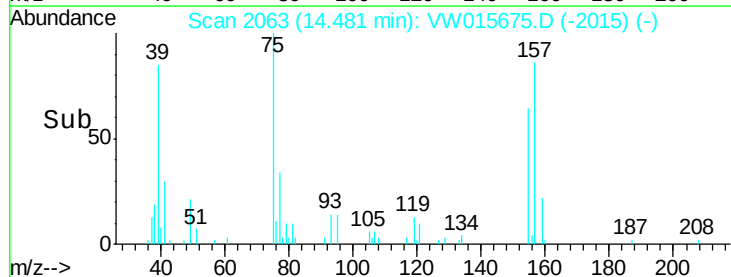
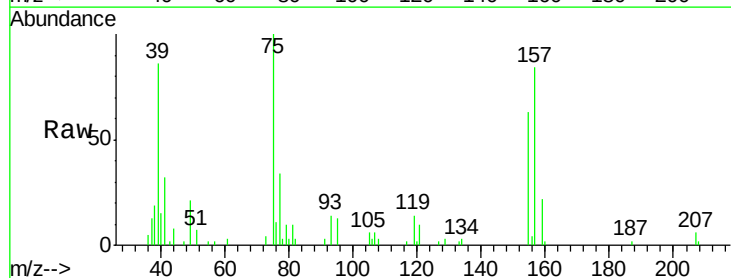
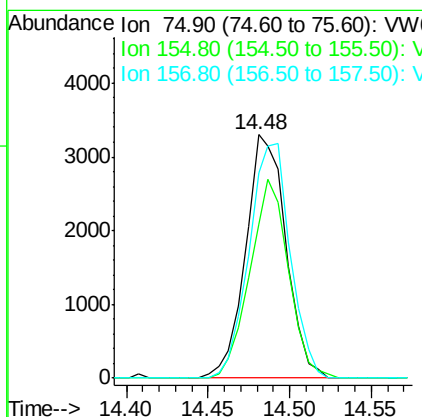
Manual Integrations
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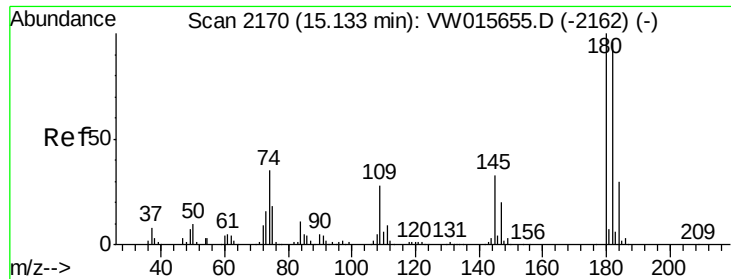
MMDadoda
 6/25/2020 4:15:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.368 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	40.8	122.2
157	98.1	50.7	152.1





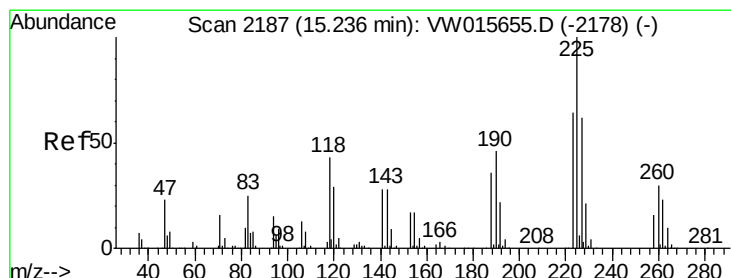
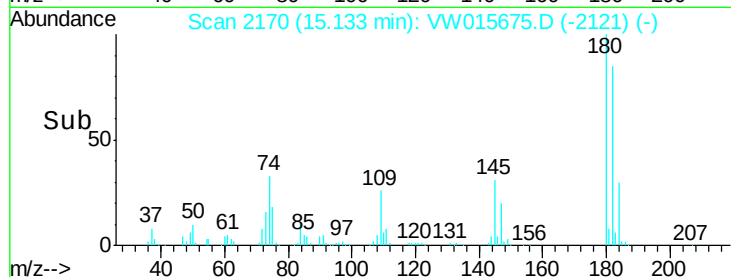
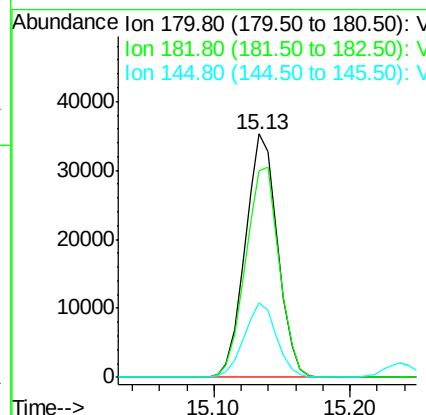
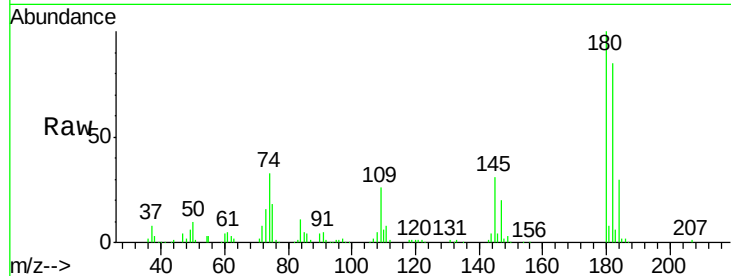
#93
 1,2,4-Trichlorobenzene
 Concen: 20.294 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58573		
182	90.2		47.9	143.6
145	30.7		15.6	46.7

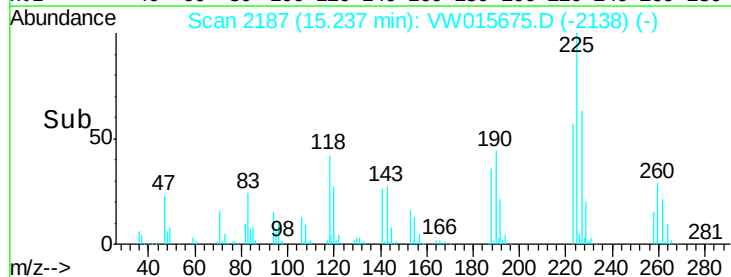
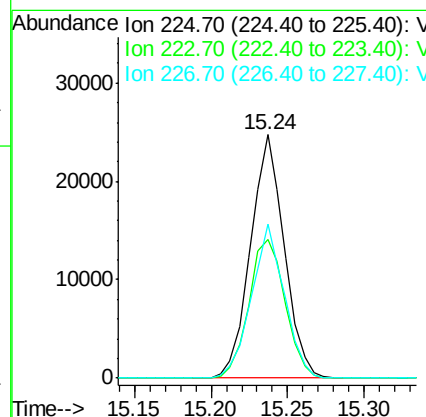
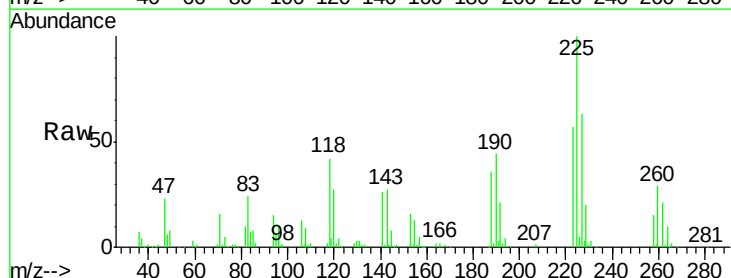
Manual Integrations
 APPROVED

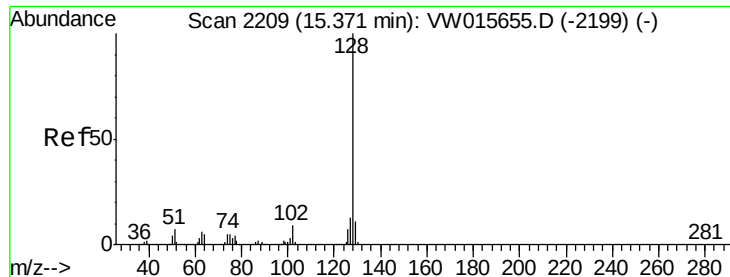
MMDadoda
 6/25/2020 4:15:30 PM



#94
 Hexachlorobutadiene
 Concen: 20.517 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015675.D
 Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37725		
223	61.6		31.0	93.0
227	61.8		31.9	95.9





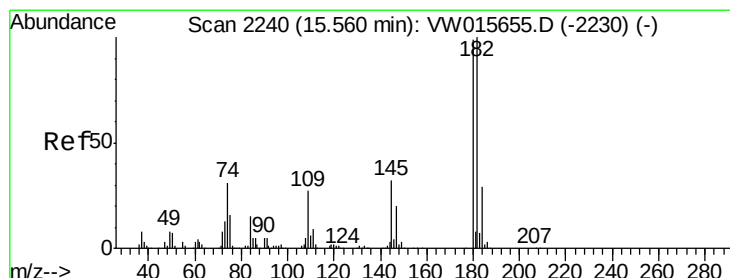
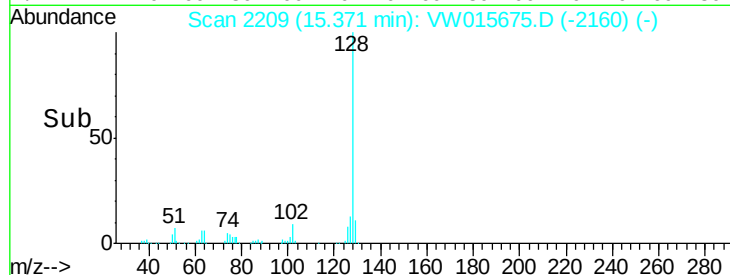
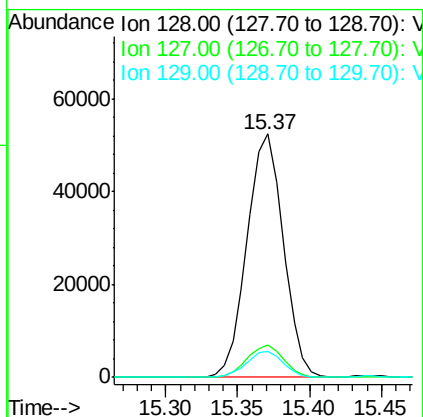
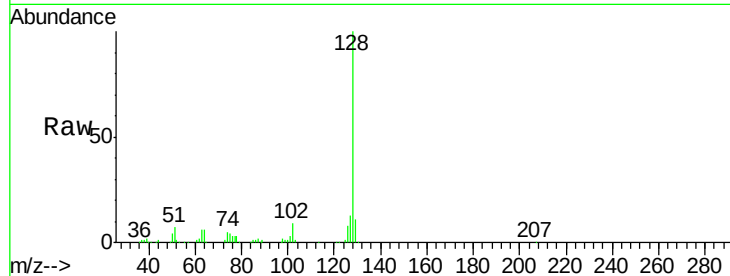
#95
Naphthalene
Concen: 19.182 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBSD01

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

Manual Integrations
APPROVED

MMDadoda
6/25/2020 4:15:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.190 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015675.D
Acq: 24 Jun 2020 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	49.0	147.0
145	33.3	16.4	49.2

