

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015741.D
 Acq On : 26 Jun 2020 11:31
 Operator : SY/VA
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:34:02 PM

Quant Time: Jun 27 02:04:26 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	195971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102331	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	7.89	113	91343	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.32	98	367913	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	134356	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22677	19.407	ug/l	99
3) Chloromethane	2.21	50	27595	20.111	ug/l	98
4) Vinyl Chloride	2.37	62	45049	20.308	ug/l	100
5) Bromomethane	2.78	94	34698	21.282	ug/l	95
6) Chloroethane	2.93	64	30485	20.883	ug/l	99
7) Trichlorofluoromethane	3.26	101	33684	20.224	ug/l	100
8) Diethyl Ether	3.68	74	19453	20.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38859	19.793	ug/l	99
10) Methyl Iodide	4.28	142	54582	19.662	ug/l	99
11) Tert butyl alcohol	5.20	59	12971m	85.410	ug/l	
12) 1,1-Dichloroethene	4.04	96	37672	19.707	ug/l	98
13) Acrolein	3.90	56	13136	86.724	ug/l	99
14) Allyl chloride	4.67	41	58872	18.982	ug/l	99
15) Acrylonitrile	5.38	53	38060	95.901	ug/l	99
16) Acetone	4.13	43	39388	95.023	ug/l	96
17) Carbon Disulfide	4.38	76	98892	17.974	ug/l	99
18) Methyl Acetate	4.68	43	19730	20.249	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	57639	20.035	ug/l	98
20) Methylene Chloride	4.92	84	51199	22.881	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	42819	19.537	ug/l	96
22) Diisopropyl ether	6.32	45	121271	19.660	ug/l	96
23) Vinyl Acetate	6.26	43	343972	95.624	ug/l	99
24) 1,1-Dichloroethane	6.22	63	76080	19.594	ug/l	100
25) 2-Butanone	7.18	43	52734	94.130	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49368	18.957	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	45861	19.451	ug/l	98
28) Bromochloromethane	7.52	49	29987	20.077	ug/l	99
29) Tetrahydrofuran	7.54	42	31274	94.997	ug/l	99
30) Chloroform	7.68	83	77837	19.547	ug/l	100
31) Cyclohexane	7.96	56	70301	18.717	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	65371	19.258	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63403	19.672	ug/l	100
37) Ethyl Acetate	7.26	43	23051	18.732	ug/l	99
38) Carbon Tetrachloride	8.07	117	59609	19.080	ug/l	98

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Manual Integrations
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 6/29/2020 12:34:02 PM

Quant Time: Jun 27 02:04:26 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	74862	19.177	ug/l	98
40) Benzene	8.32	78	171671	19.590	ug/l	100
41) Methacrylonitrile	7.49	41	12990	18.393	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53624	19.780	ug/l	100
43) Isopropyl Acetate	8.43	43	45980	18.724	ug/l	98
44) Trichloroethene	9.10	130	45804	19.391	ug/l	95
45) 1,2-Dichloropropane	9.37	63	41604	19.423	ug/l	99
46) Dibromomethane	9.46	93	21743	19.619	ug/l	98
47) Bromodichloromethane	9.65	83	54755	18.940	ug/l	99
48) Methyl methacrylate	9.44	41	20654	18.396	ug/l	94
49) 1,4-Dioxane	9.46	88	5369	369.286	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	112614	95.090	ug/l	100
52) Toluene	10.39	92	113559	20.068	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50946	18.242	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62720	18.799	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30342	19.691	ug/l	98
56) Ethyl methacrylate	10.65	69	36261	18.912	ug/l	96
57) 1,3-Dichloropropane	10.93	76	53654	19.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94289	103.921	ug/l	99
59) 2-Hexanone	10.97	43	78397	97.236	ug/l	99
60) Dibromochloromethane	11.13	129	33308	18.549	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28907	19.626	ug/l	100
64) Tetrachloroethene	10.87	164	39123	19.661	ug/l	97
65) Chlorobenzene	11.66	112	119016	19.929	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40430	19.308	ug/l	98
67) Ethyl Benzene	11.73	91	220389	19.830	ug/l	99
68) m/p-Xylenes	11.84	106	168005	40.257	ug/l	98
69) o-Xylene	12.17	106	75673	19.721	ug/l	99
70) Styrene	12.18	104	129282	19.720	ug/l	98
71) Bromoform	12.35	173	17581	18.249	ug/l #	100
73) Isopropylbenzene	12.46	105	216899	19.056	ug/l	99
74) N-amyl acetate	12.27	43	44407	18.404	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33910	18.623	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29861m	21.941	ug/l	
77) Bromobenzene	12.75	156	46894	18.477	ug/l	96
78) n-propylbenzene	12.80	91	261151	19.061	ug/l	99
79) 2-Chlorotoluene	12.89	91	150443	19.502	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	184077	19.086	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	8658	16.031	ug/l	87
82) 4-Chlorotoluene	12.99	91	156490	19.175	ug/l	99
83) tert-Butylbenzene	13.21	119	156571	19.214	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	187310	19.475	ug/l	100
85) sec-Butylbenzene	13.38	105	225671	19.377	ug/l	99
86) p-Isopropyltoluene	13.50	119	204869	19.361	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96327	19.119	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	95281	19.095	ug/l	97
89) n-Butylbenzene	13.82	91	198061	19.499	ug/l	98
90) Hexachloroethane	14.10	117	33977	18.044	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	83989	19.280	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5138	17.621	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
VW0626SBSD01

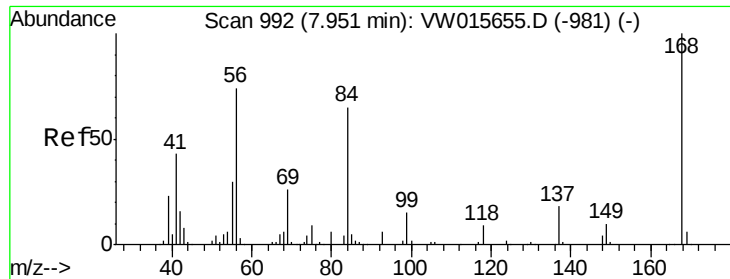
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	53075	18.450	ug/l	98
94) Hexachlorobutadiene	15.24	225	33743	18.412	ug/l	99
95) Naphthalene	15.37	128	86941	18.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45509	18.374	ug/l	96

(#) = 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: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBSD01

Tot Ion:168 Resp: 195971

Ion Ratio Lower Upper

168 100

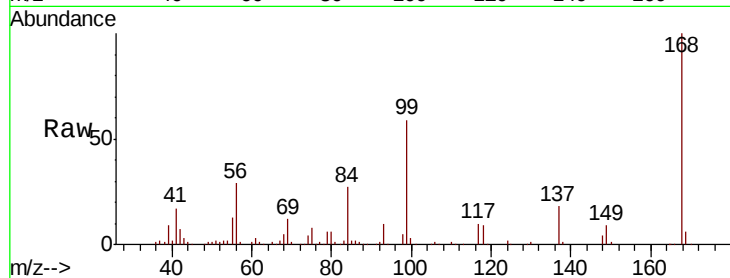
99 59.3 48.6 73.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

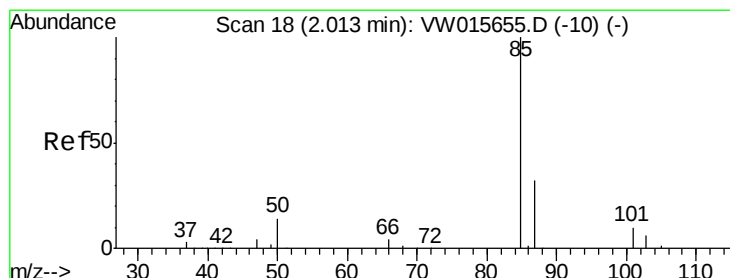
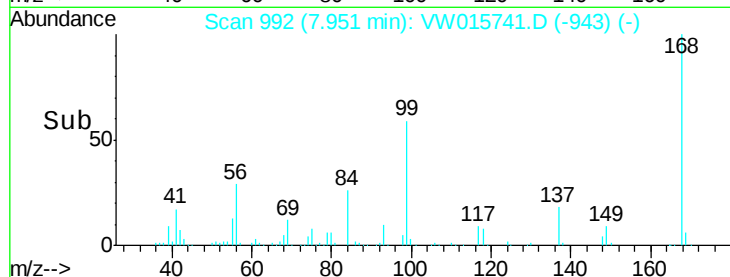
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.407 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015741.D

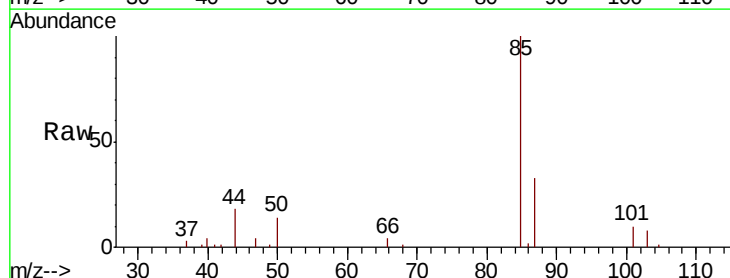
Acq: 26 Jun 2020 11:31

Tgt Ion: 85 Resp: 22677

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

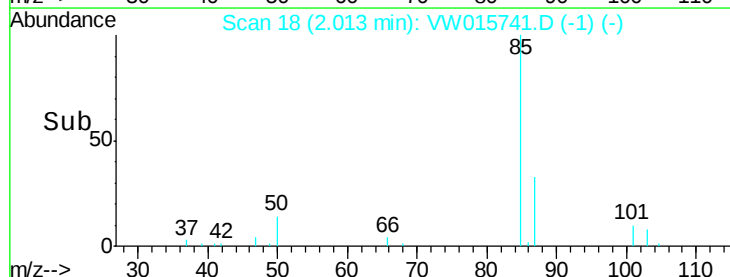
6000

4000

2000

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Time-->





#3

Chloromethane

Concen: 20.111 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 50 Resp: 27595

Ion Ratio Lower Upper

50 100

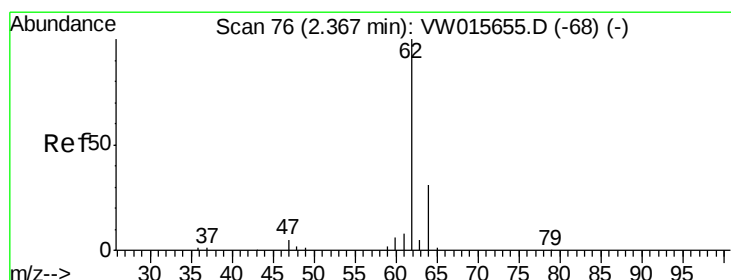
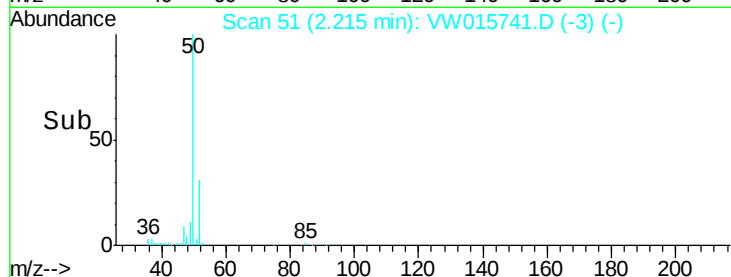
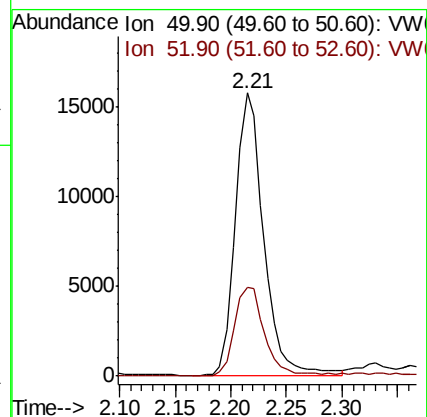
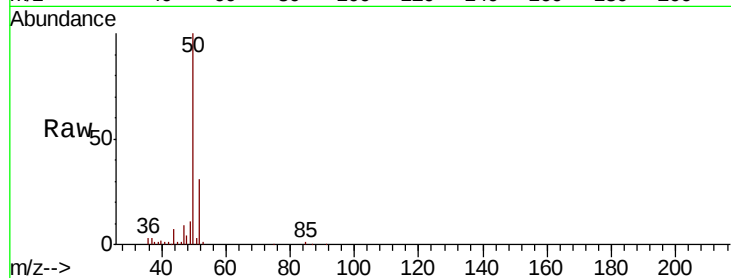
52 31.3 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.308 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015741.D

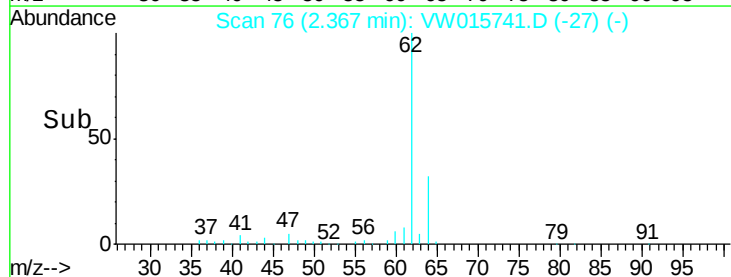
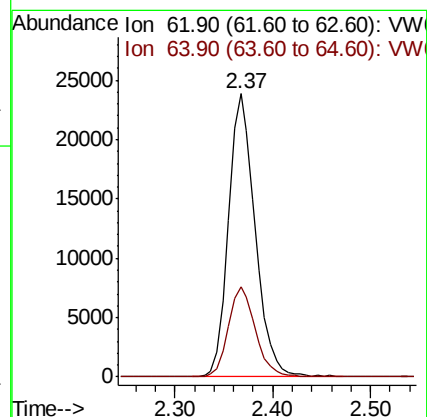
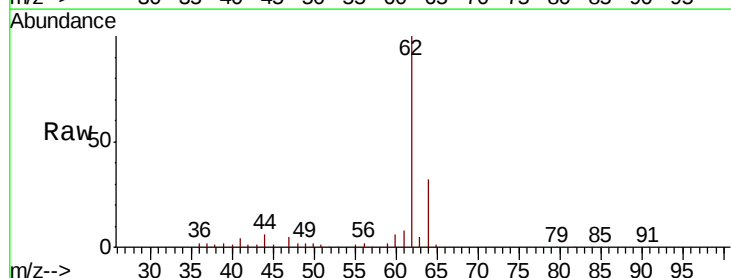
Acq: 26 Jun 2020 11:31

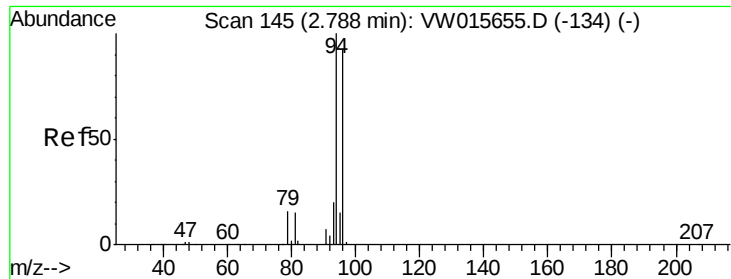
Tgt Ion: 62 Resp: 45049

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 21.282 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 94 Resp: 34698

Ion Ratio Lower Upper

94 100

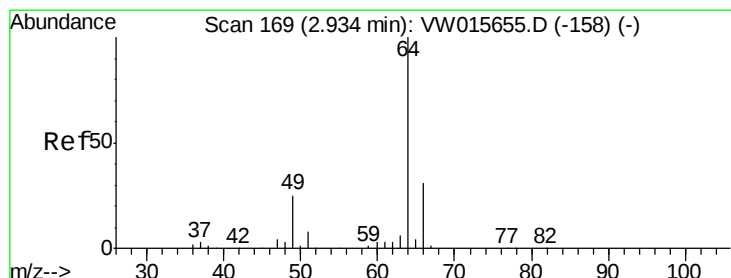
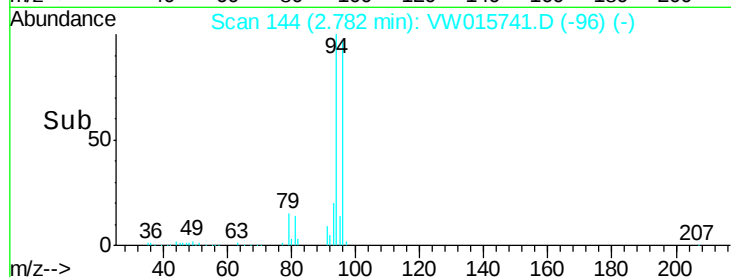
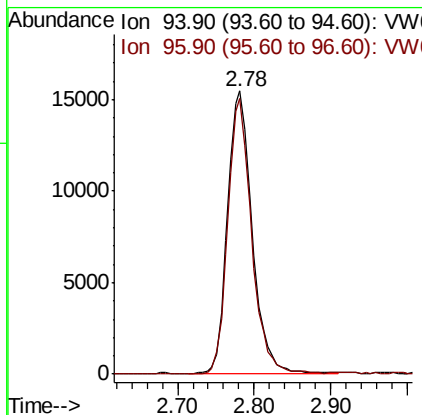
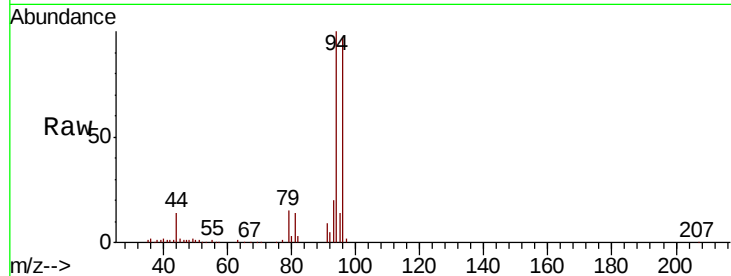
96 97.2 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 20.883 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015741.D

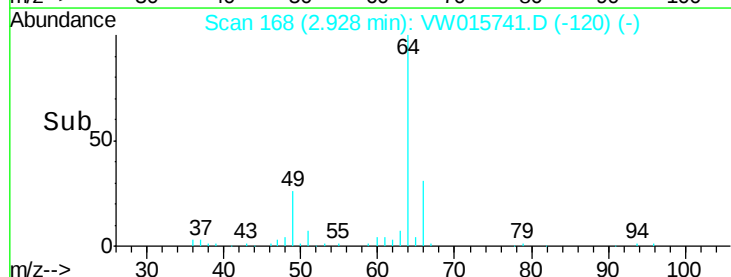
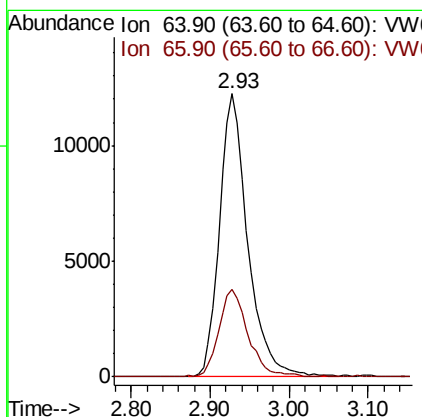
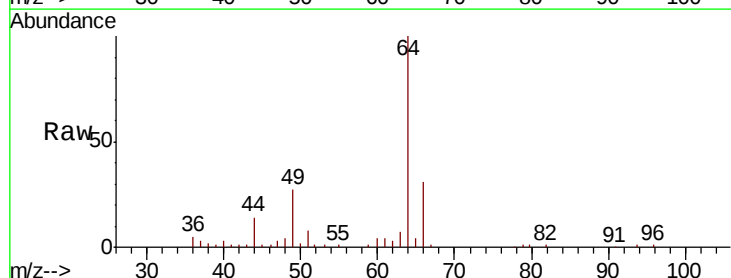
Acq: 26 Jun 2020 11:31

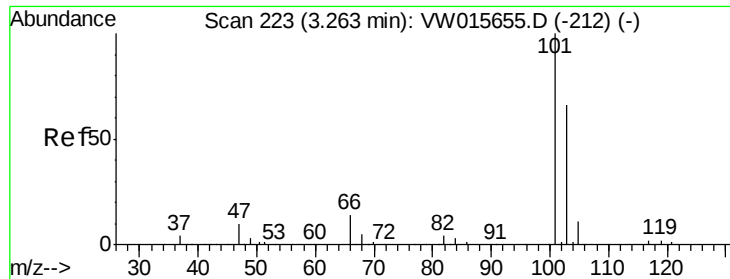
Tgt Ion: 64 Resp: 30485

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9





#7

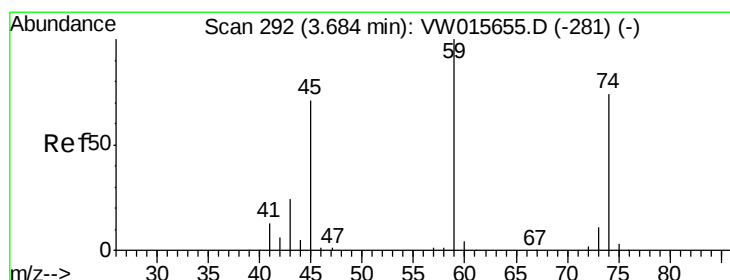
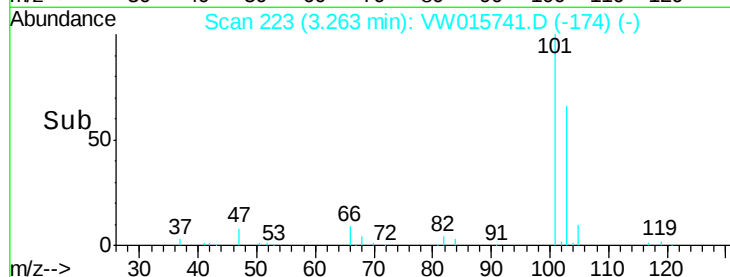
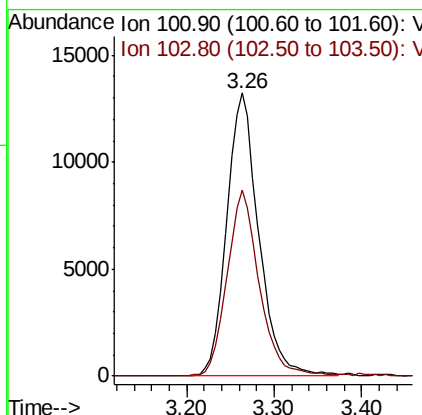
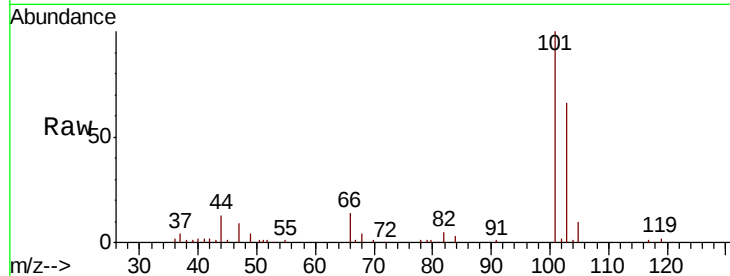
Trichlorofluoromethane
 Concen: 20.224 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion:101 Resp: 33684
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 78.8

Manual Integrations
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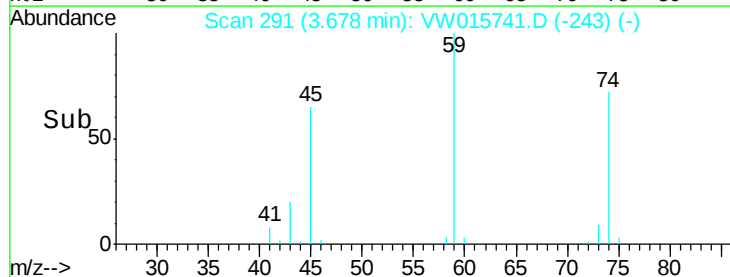
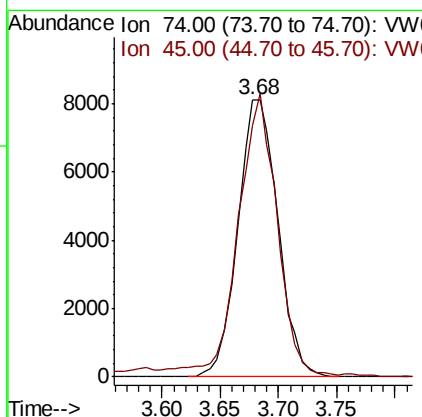
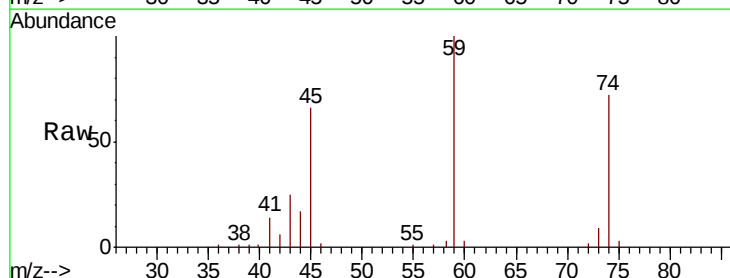
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 6/29/2020 12:34:02 PM

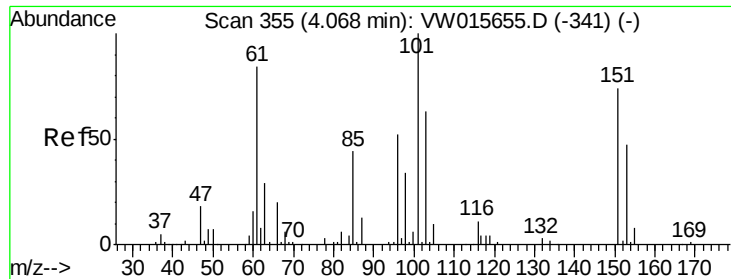


#8

Diethyl Ether
 Concen: 20.223 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion: 74 Resp: 19453
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.793 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

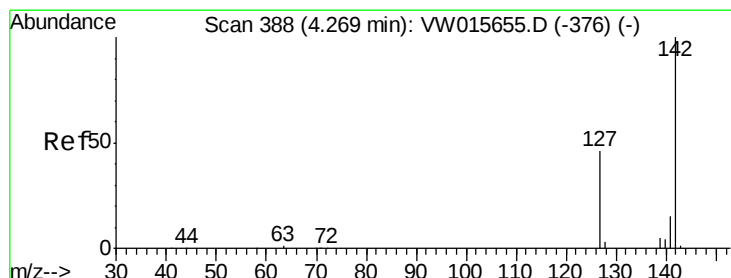
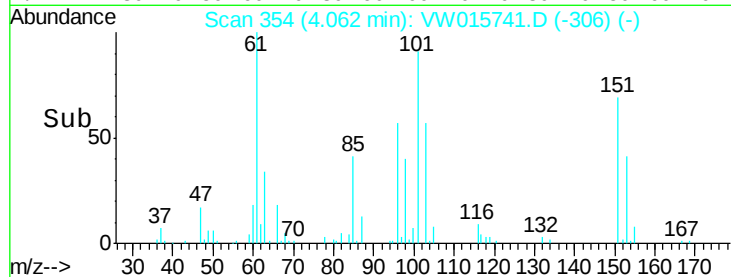
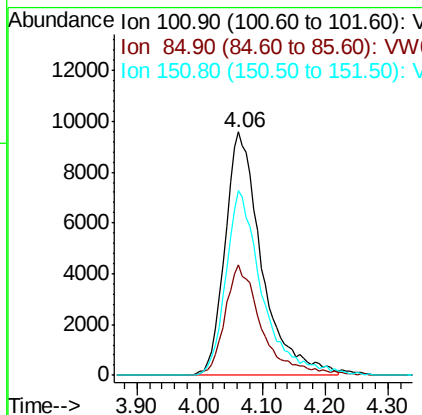
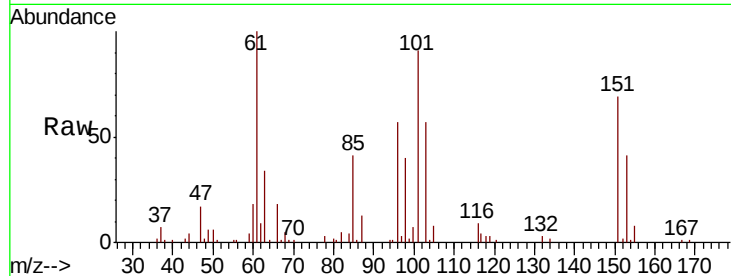
ClientSampleId :

VW0626SBS01

Tot Ion:	101	Resp:	38859
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.6	55.0
151	75.2	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 19.662 ug/l

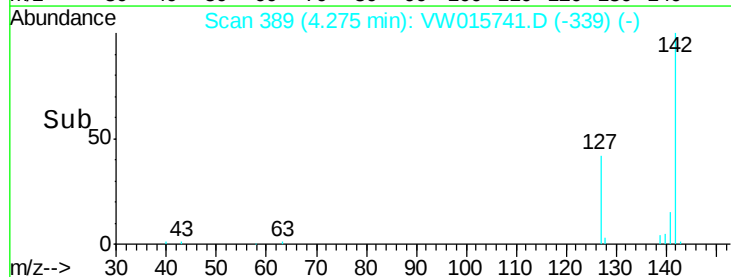
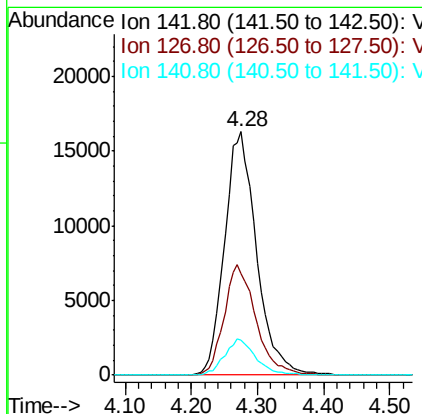
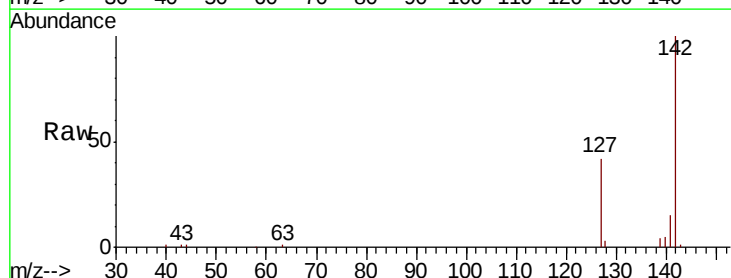
RT: 4.28 min Scan# 389

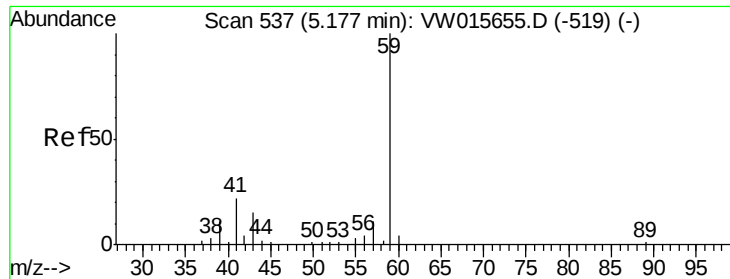
Delta R.T. 0.01 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Tgt Ion:	142	Resp:	54582
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.4	54.6
141	14.4	11.6	17.4





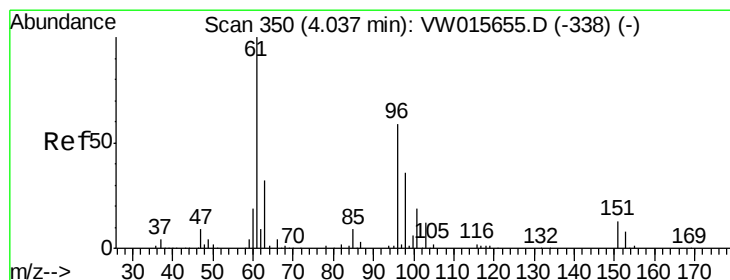
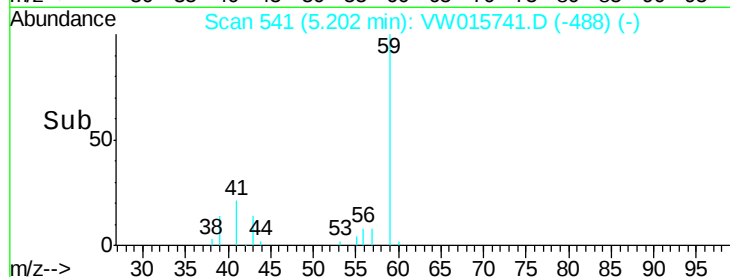
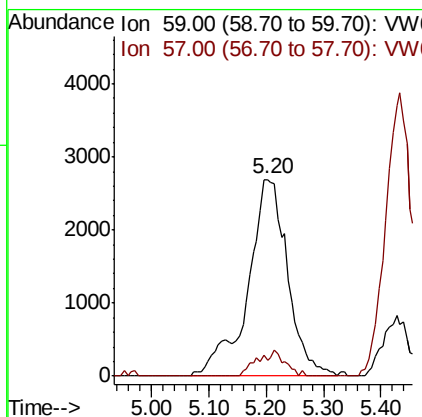
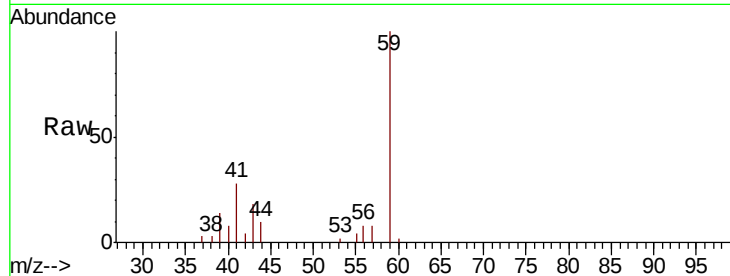
#11
Tert butyl alcohol
Concen: 85.410 ug/l m
RT: 5.20 min Scan# 541
Delta R.T. 0.02 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.4	12.6

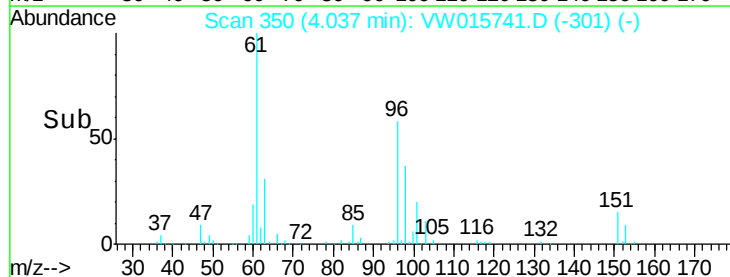
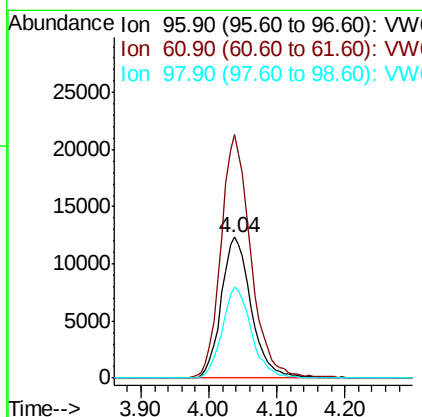
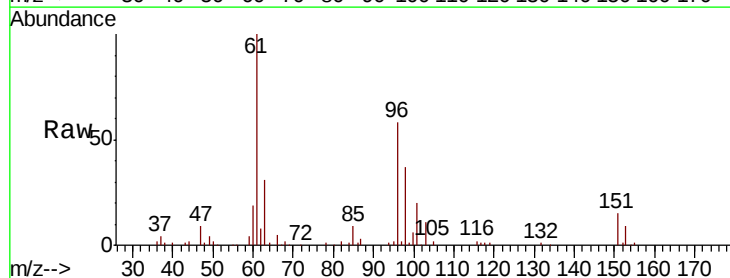
Manual Integrations
APPROVED

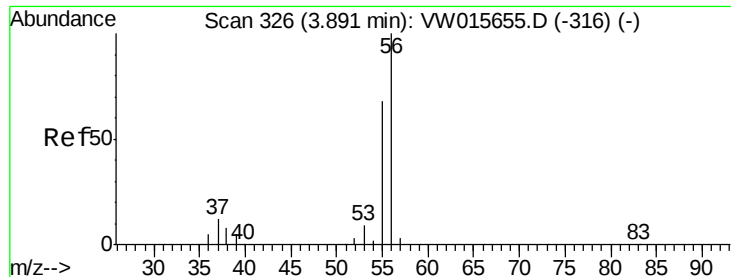
MMDadoda
6/29/2020 12:34:02 PM



#12
1,1-Dichloroethene
Concen: 19.707 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.5	136.7	205.1
98	64.4	49.2	73.8





#13

Acrolein

Concen: 86.724 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 56 Resp: 13136

Ion Ratio Lower Upper

56 100

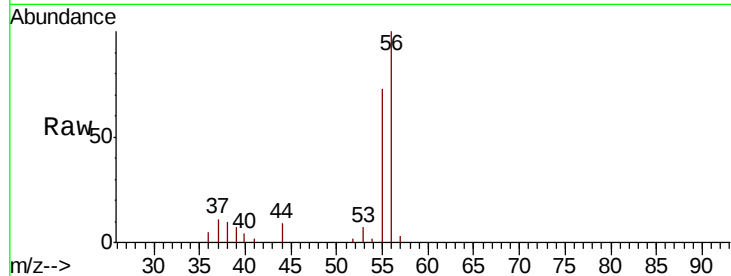
55 69.7 56.2 84.2

Manual Integrations

APPROVED

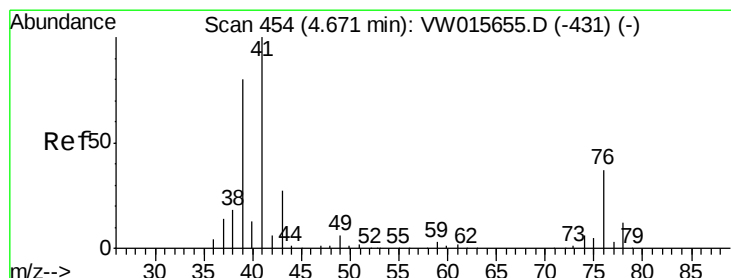
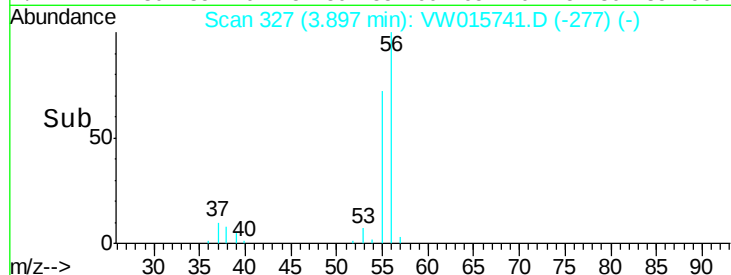
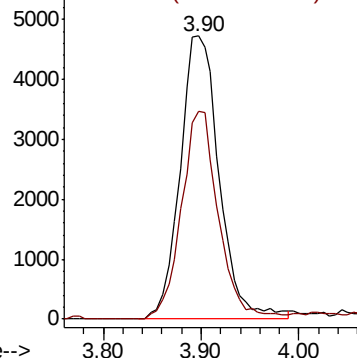
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.982 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

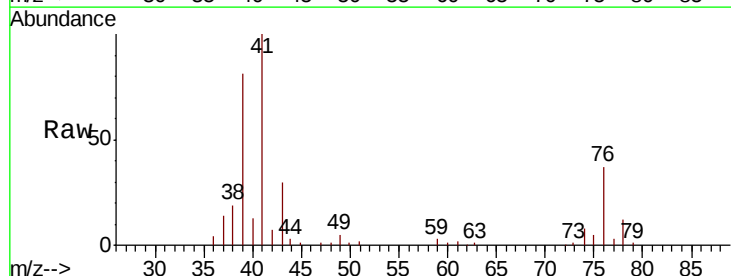
Tgt Ion: 41 Resp: 58872

Ion Ratio Lower Upper

41 100

39 81.5 64.6 97.0

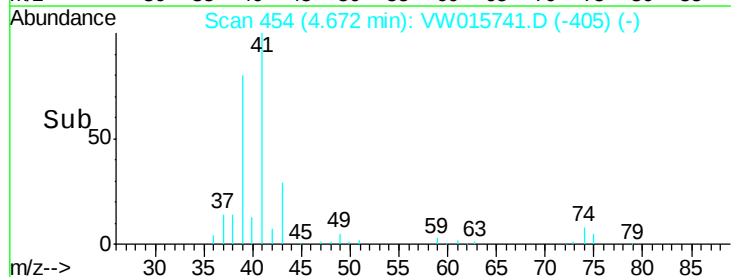
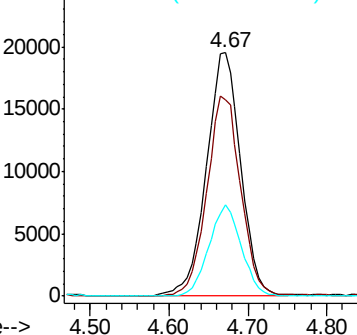
76 35.4 29.1 43.7

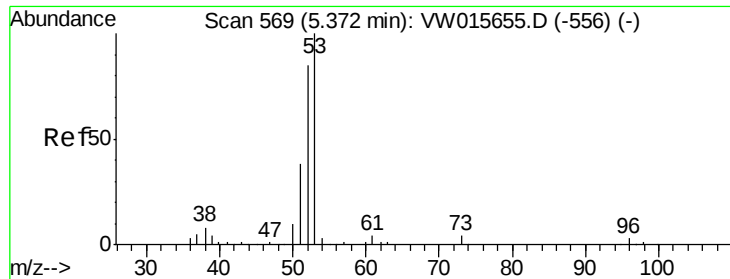


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





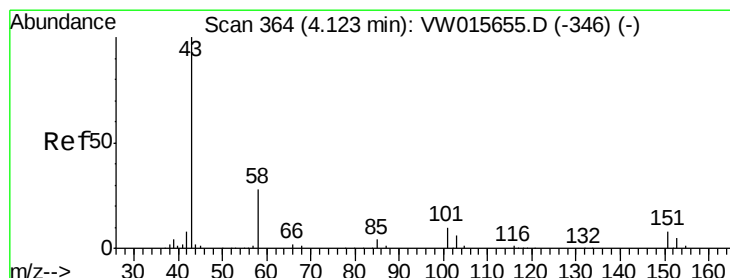
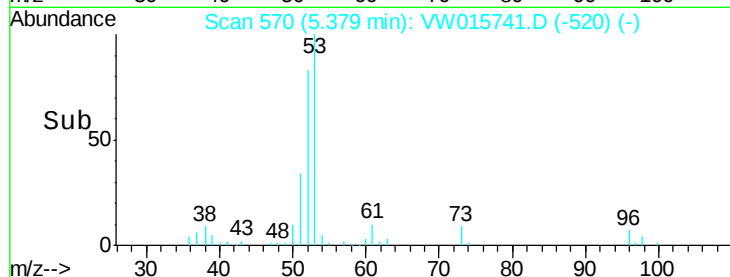
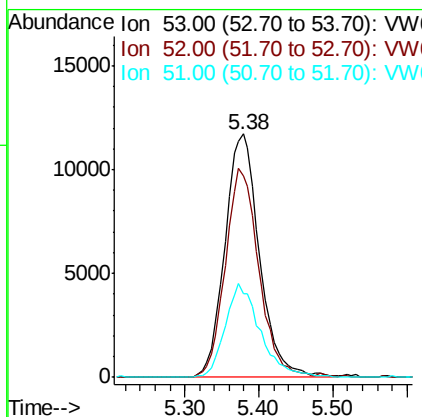
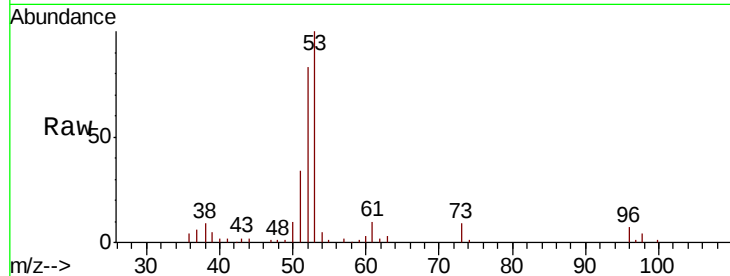
#15
Acrylonitrile
Concen: 95.901 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	39.1	30.7	46.1

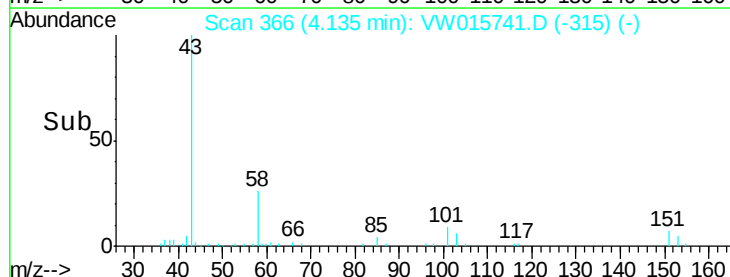
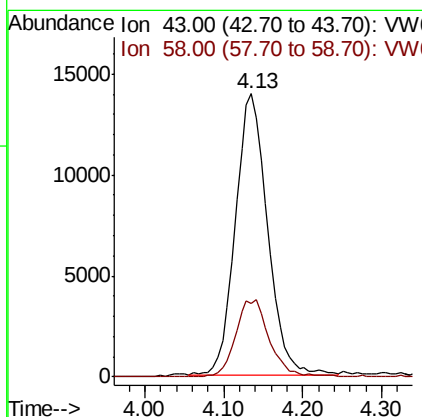
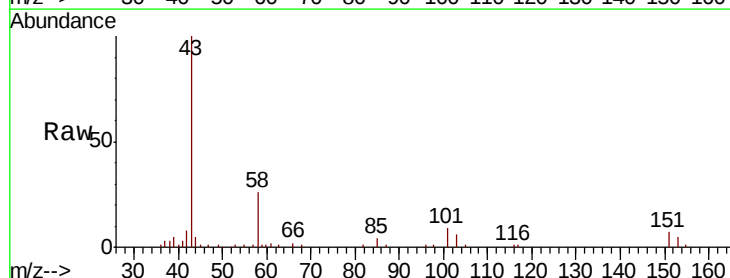
Manual Integrations
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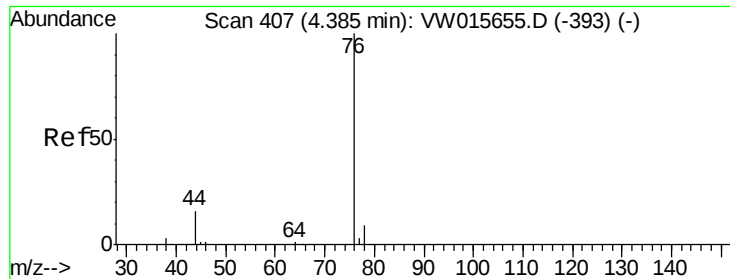
MMDadoda
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#16
Acetone
Concen: 95.023 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.6	33.8





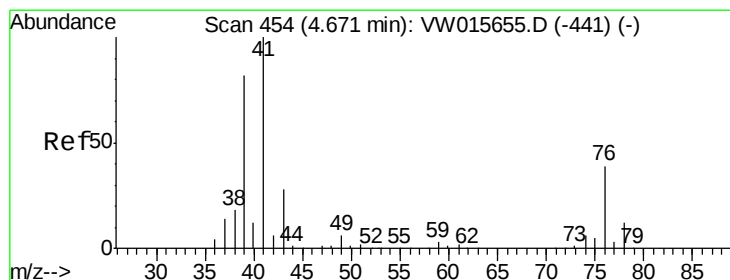
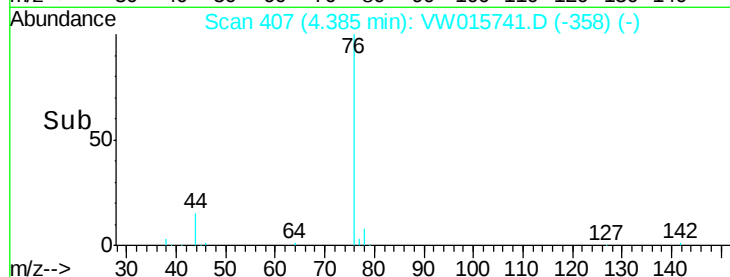
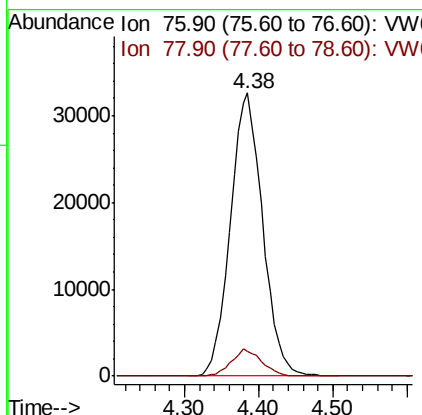
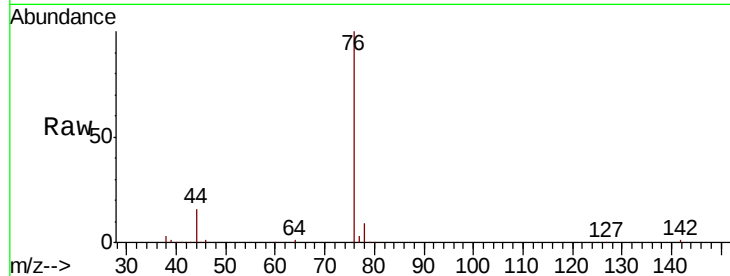
#17
Carbon Disulfide
Concen: 17.974 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBSD01

Tot Ion	76	Resp	98892
Ion Ratio	Lower	Upper	
76	100		
78	8.8	7.2	10.8

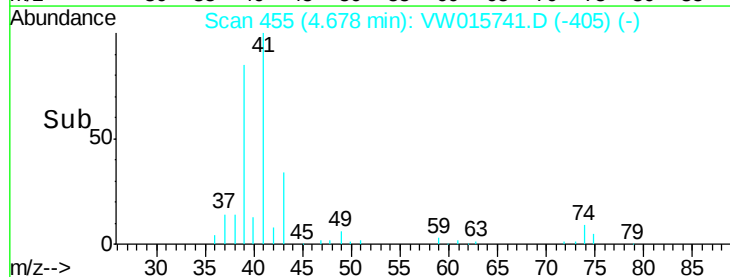
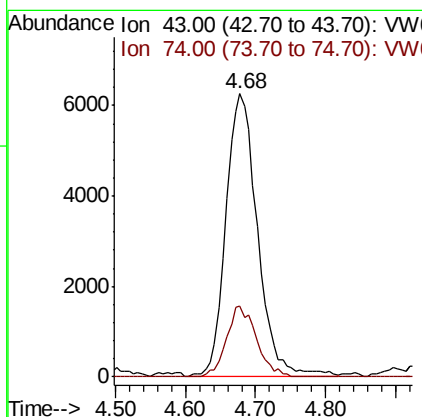
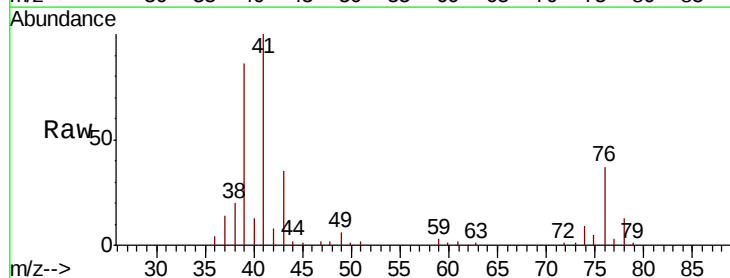
Manual Integrations
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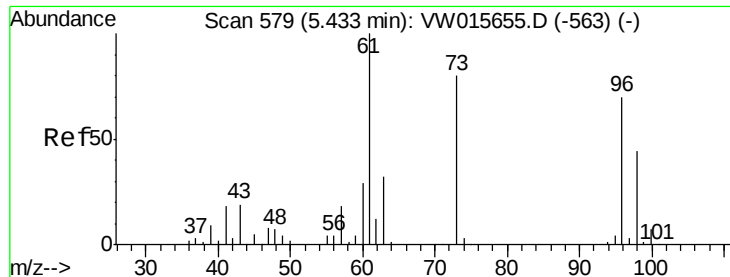
MMDadoda
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#18
Methyl Acetate
Concen: 20.249 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	43	Resp	19730
Ion Ratio	Lower	Upper	
43	100		
74	23.7	19.0	28.6





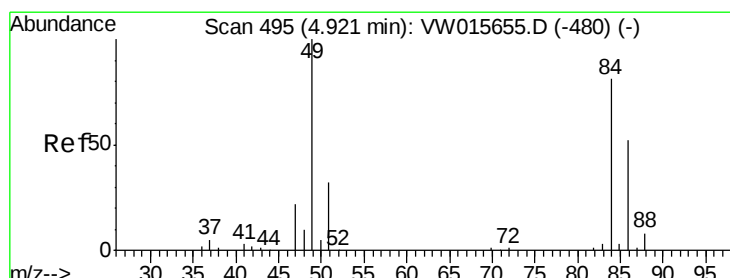
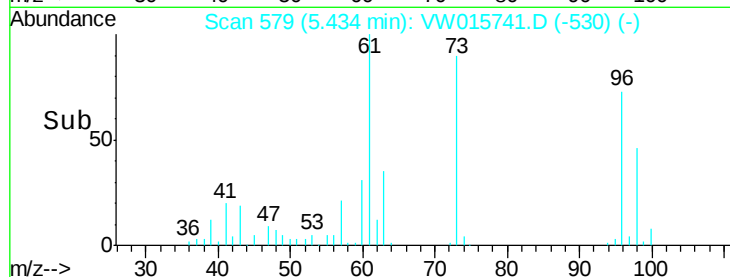
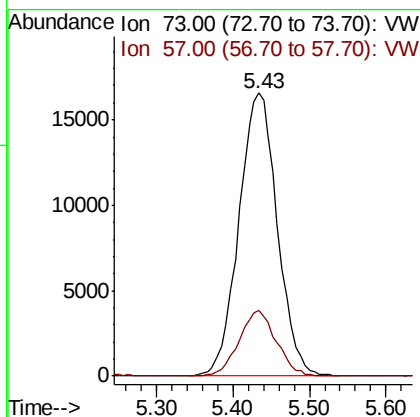
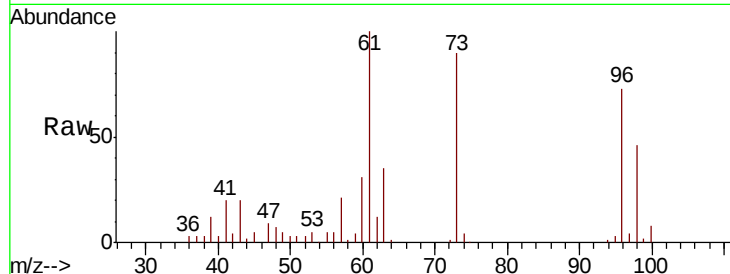
#19
Methyl tert-butyl Ether
Concen: 20.035 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 73 Resp: 57639
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1

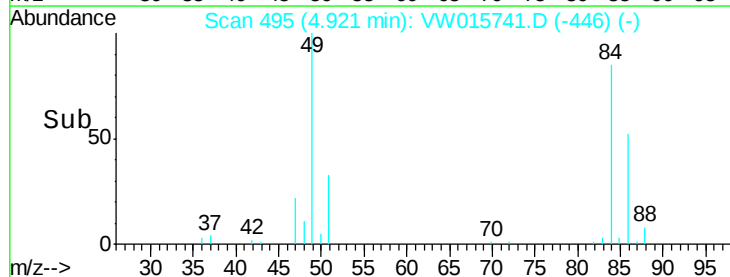
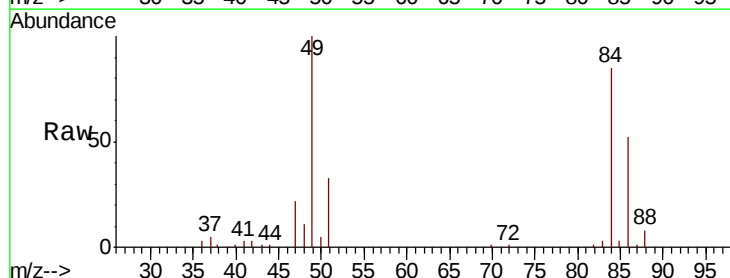
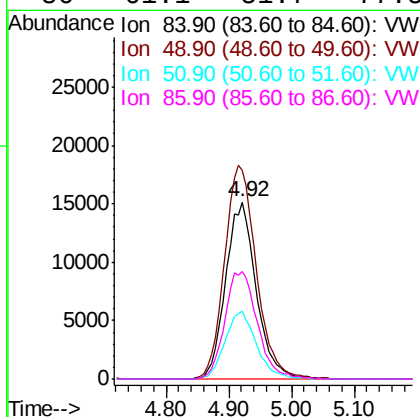
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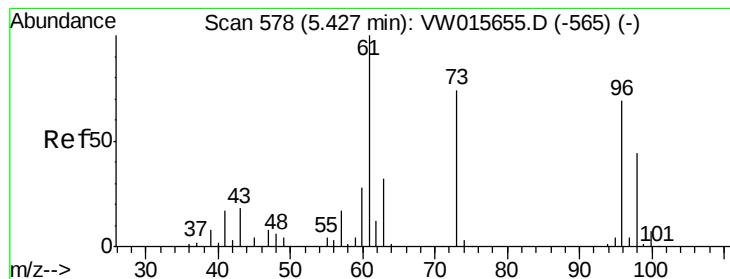
MMDadoda
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#20
Methylene Chloride
Concen: 22.881 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion: 84 Resp: 51199
Ion Ratio Lower Upper
84 100
49 118.0 99.3 148.9
51 38.7 31.8 47.6
86 61.1 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 19.537 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 96 Resp: 42819

Ion Ratio Lower Upper

96 100

61 139.6 116.2 174.2

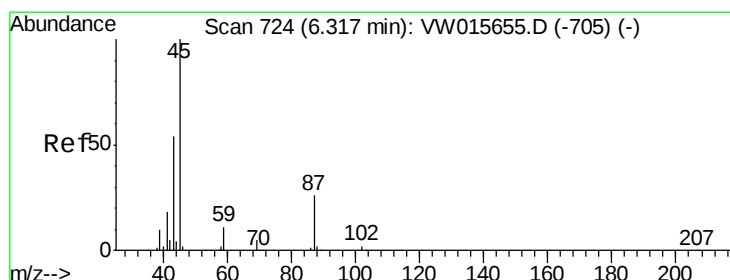
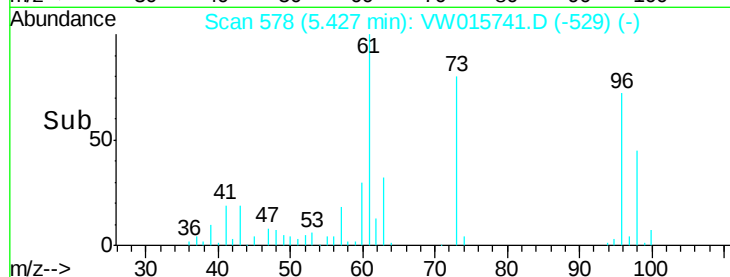
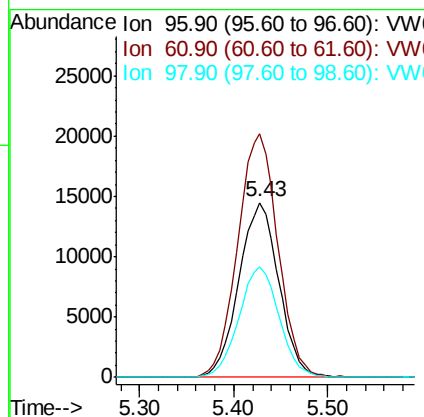
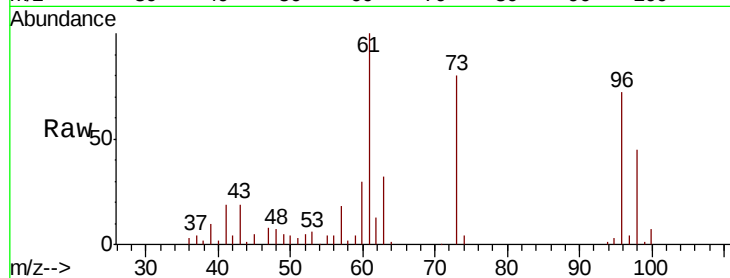
98 63.1 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.660 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Tgt Ion: 45 Resp: 121271

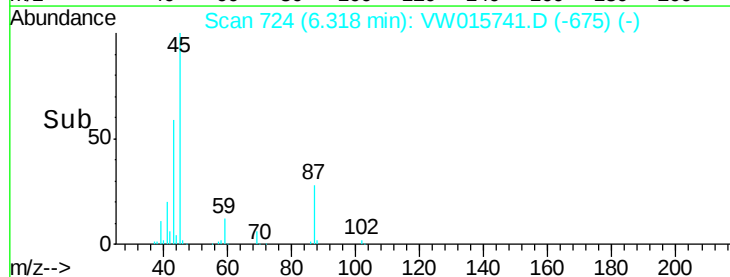
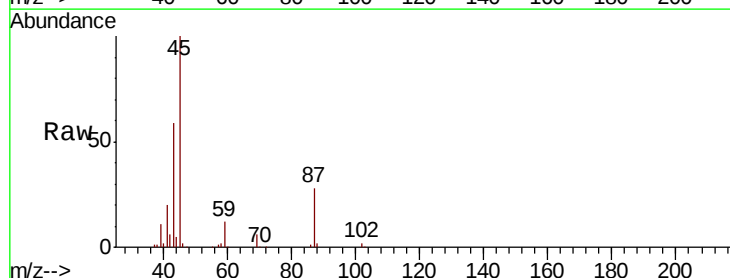
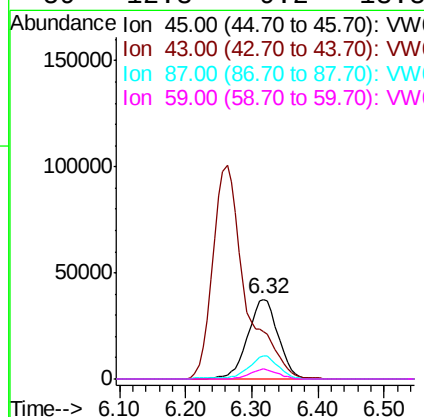
Ion Ratio Lower Upper

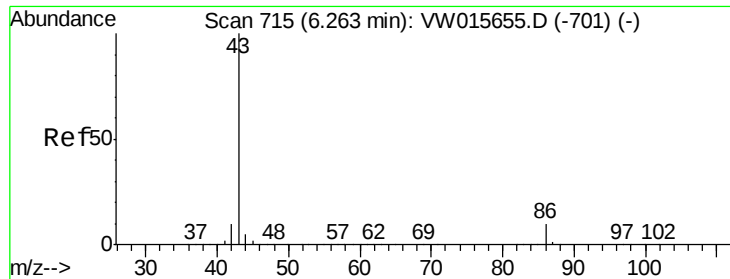
45 100

43 58.2 43.9 65.9

87 28.5 21.2 31.8

59 12.3 9.2 13.8





#23

Vinyl Acetate

Concen: 95.624 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 43 Resp: 343972

Ion Ratio Lower Upper

43 100

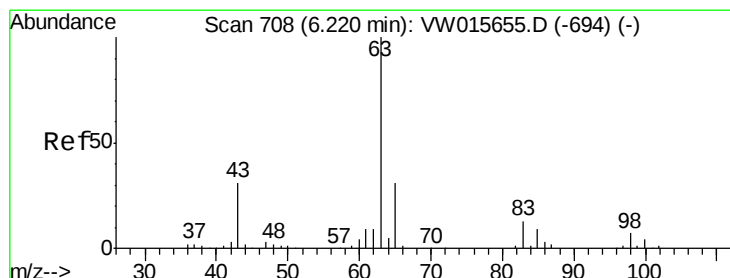
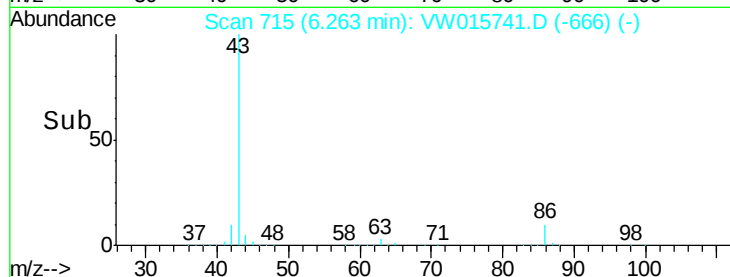
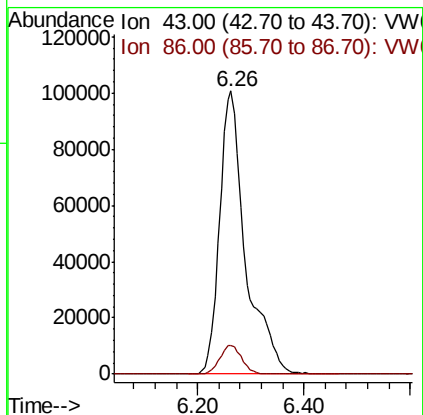
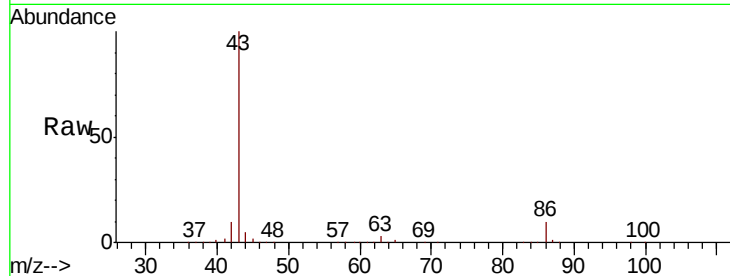
86 10.1 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.594 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

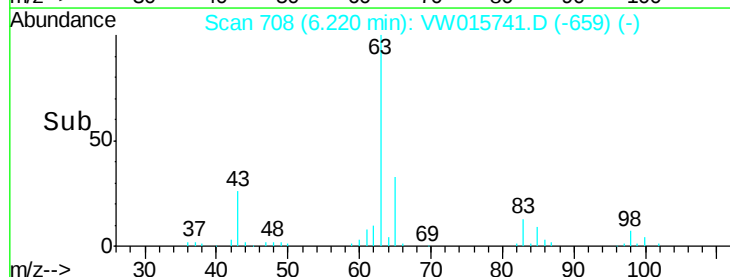
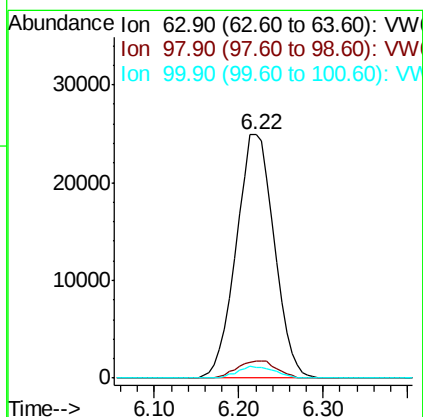
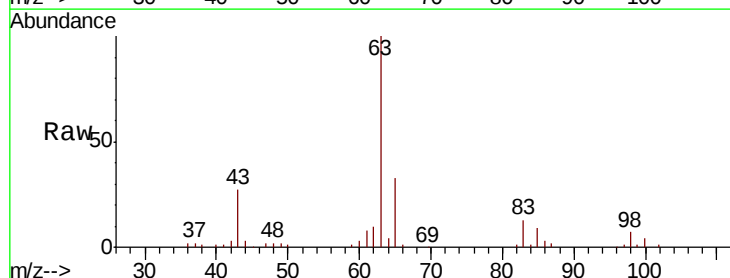
Tgt Ion: 63 Resp: 76080

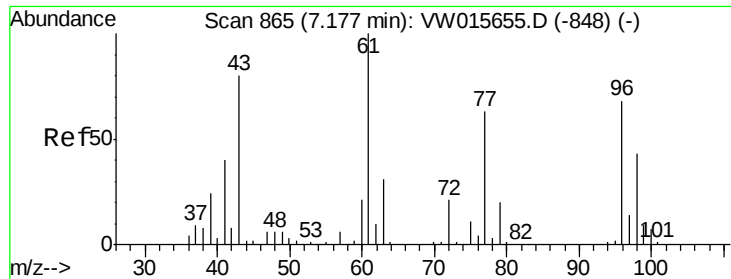
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.1 2.1 6.3





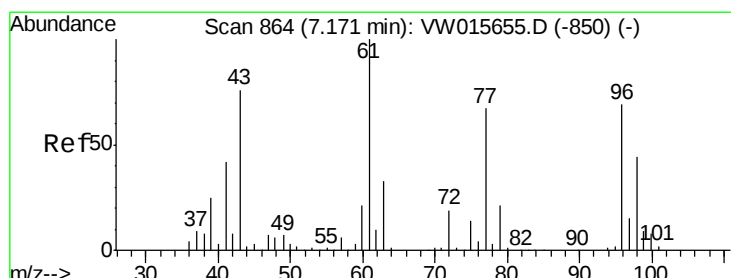
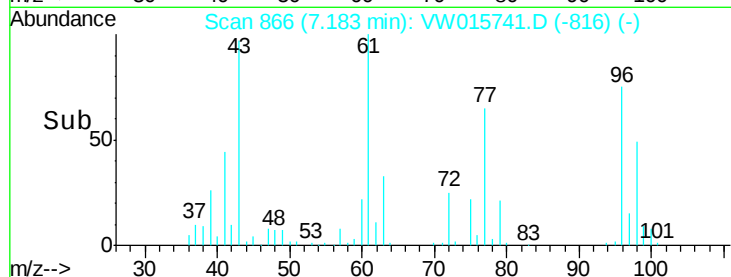
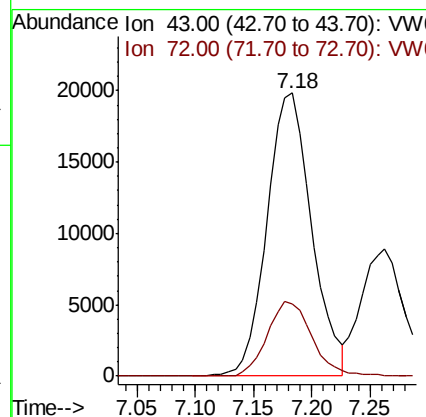
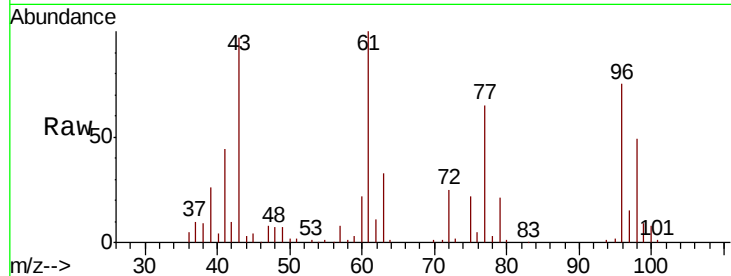
#25
 2-Butanone
 Concen: 94.130 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion: 43 Resp: 52734
 Ion Ratio Lower Upper
 43 100
 72 25.4 21.1 31.7

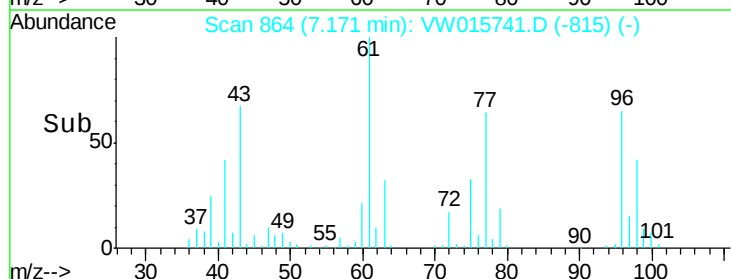
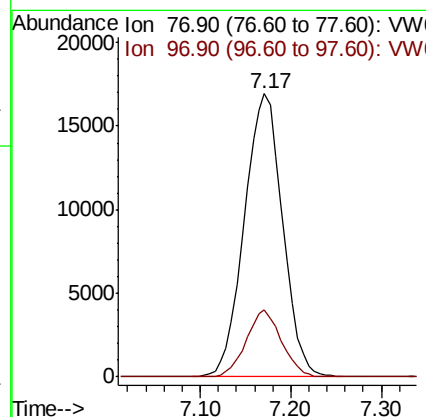
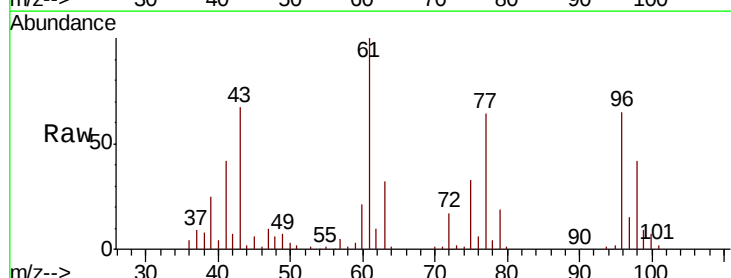
Manual Integrations
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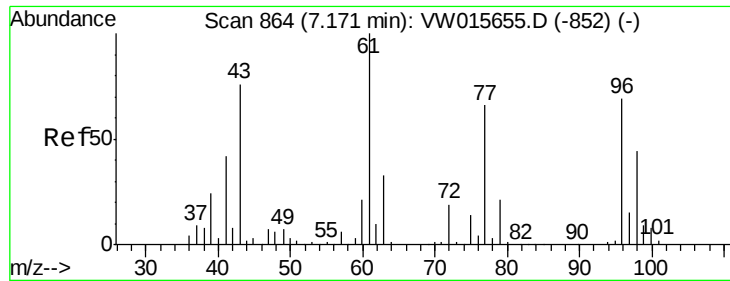
MMDadoda
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#26
 2,2-Dichloropropane
 Concen: 18.957 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion: 77 Resp: 49368
 Ion Ratio Lower Upper
 77 100
 97 21.7 11.2 33.5





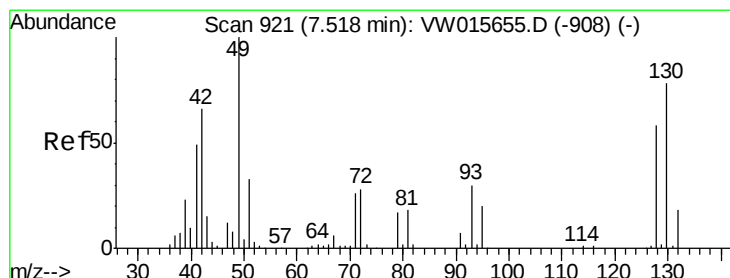
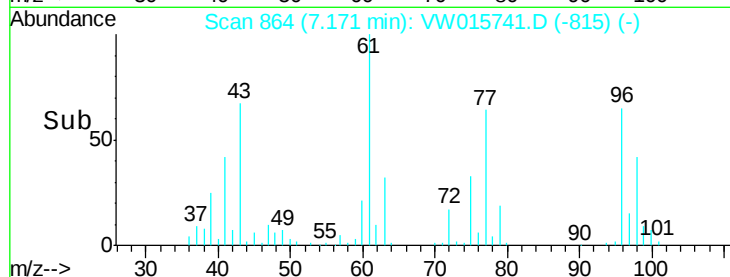
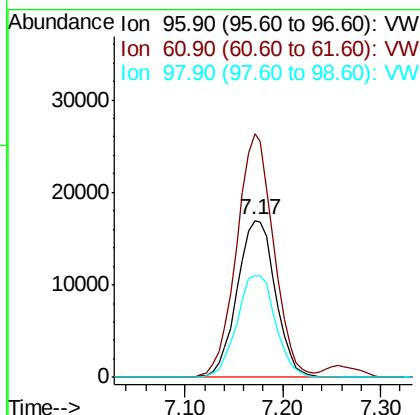
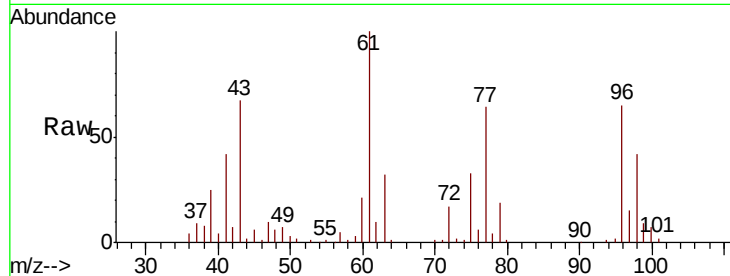
#27
 cis-1,2-Dichloroethene
 Concen: 19.451 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	296.8
98	65.8	0.0	128.0

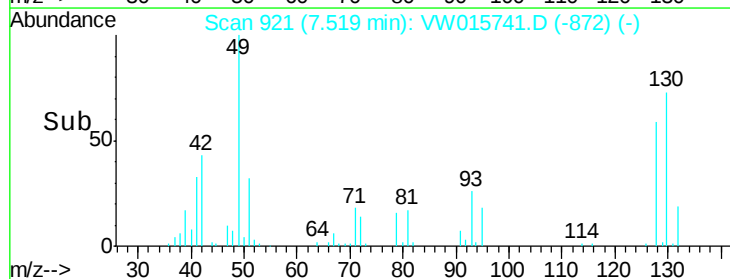
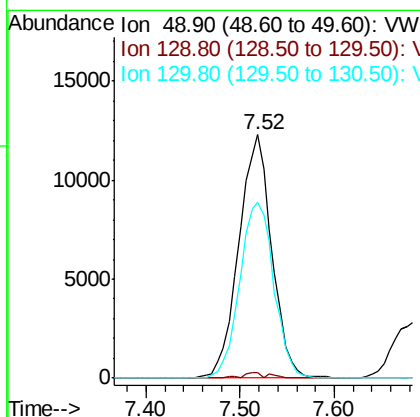
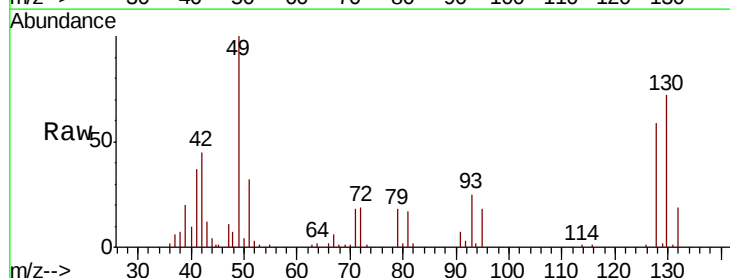
Manual Integrations
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 6/29/2020 12:34:02 PM



#28
 Bromochloromethane
 Concen: 20.077 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	75.1	61.0	91.4





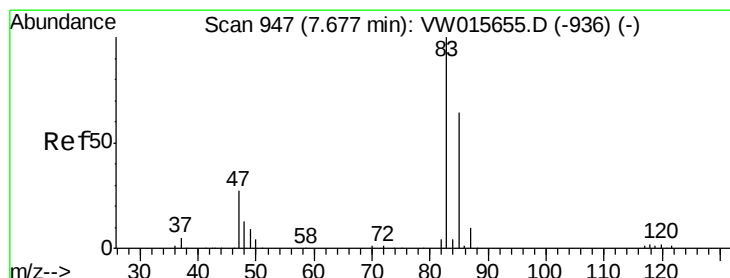
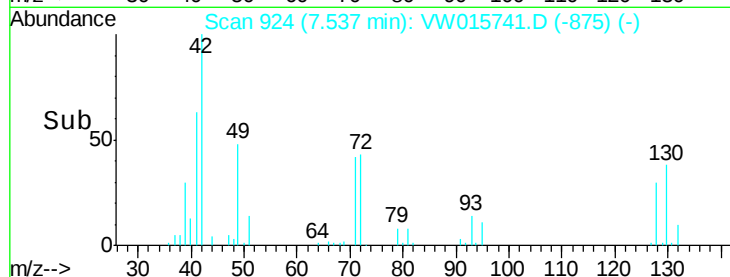
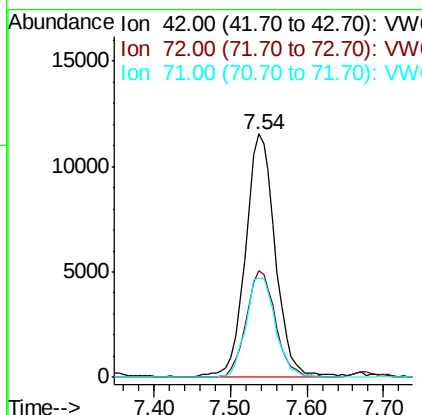
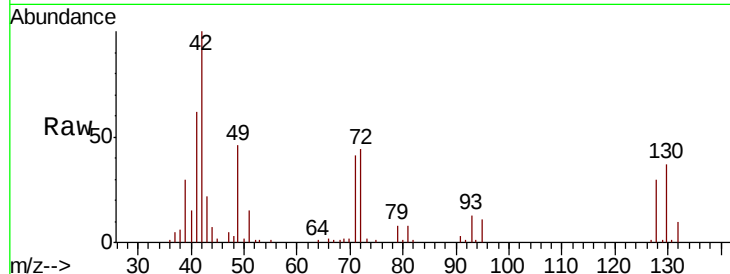
#29
Tetrahydrofuran
Concen: 94.997 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.0	52.6
71	40.7	32.6	49.0

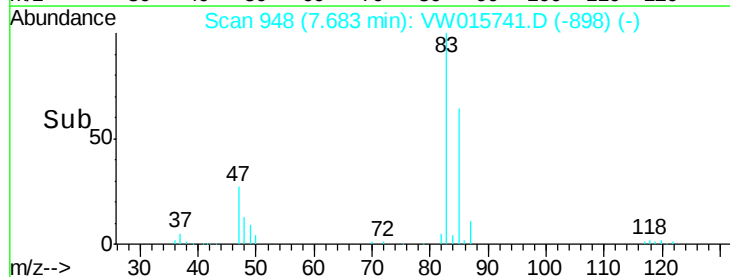
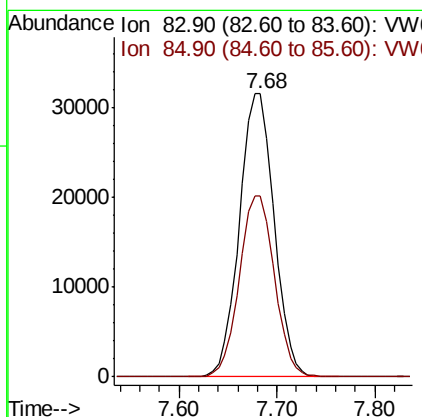
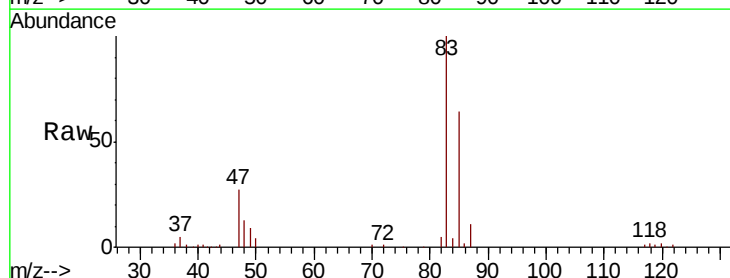
Manual Integrations
APPROVED

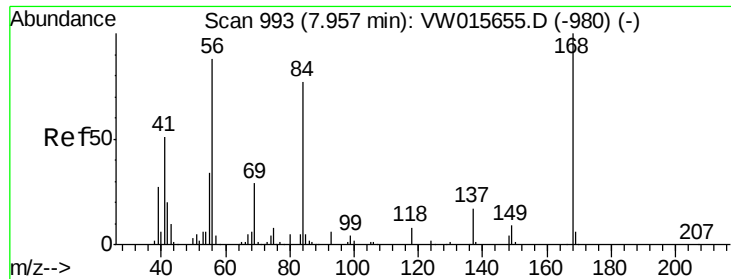
MMDadoda
6/29/2020 12:34:02 PM



#30
Chloroform
Concen: 19.547 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.0	76.4





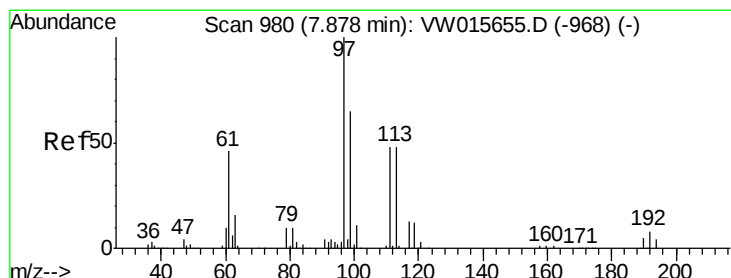
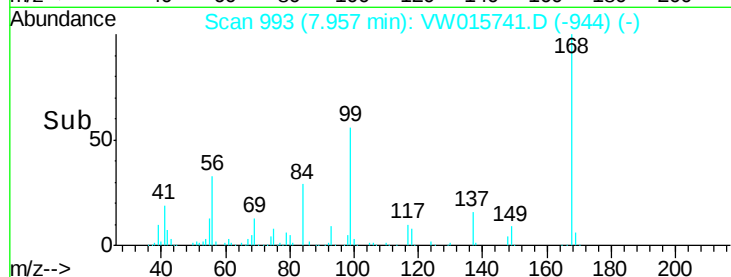
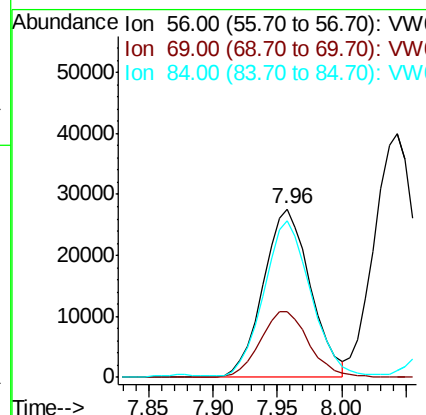
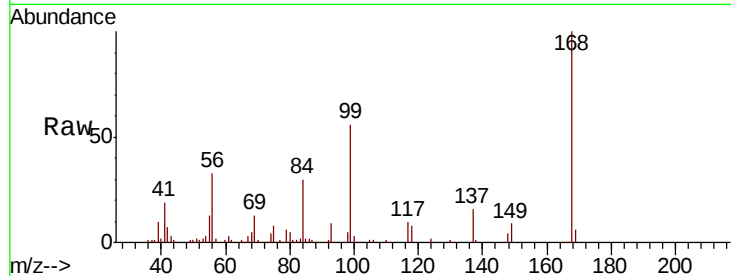
#31
Cyclohexane
Concen: 18.717 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.9	26.2	39.4
84	91.2	70.4	105.6

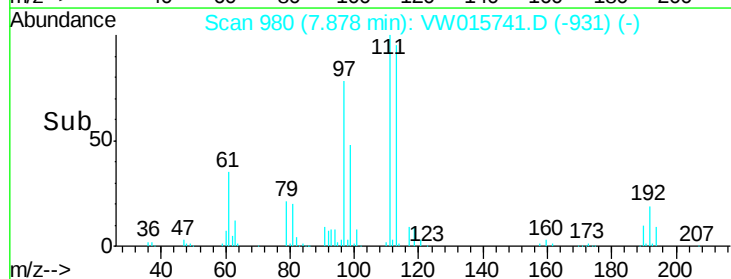
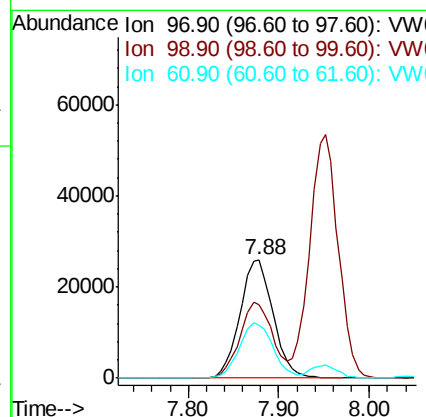
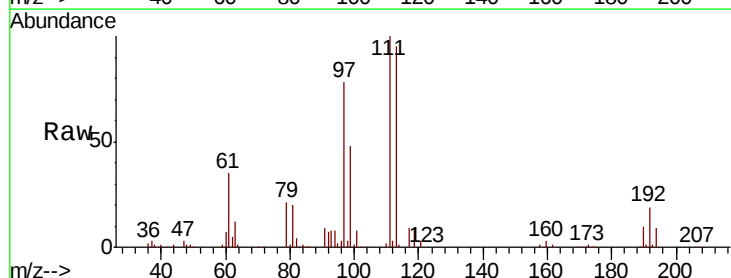
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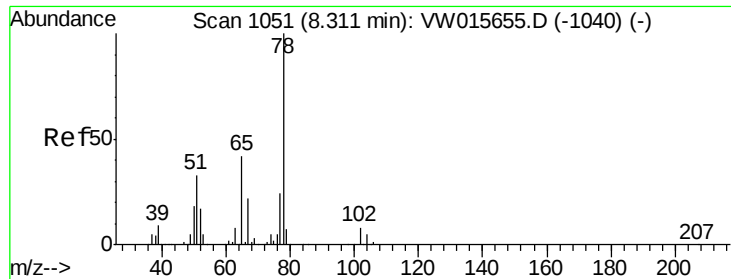
MMDadoda
6/29/2020 12:34:02 PM



#32
1,1,1-Trichloroethane
Concen: 19.258 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	47.7	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 46.931 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 65 Resp: 102331

Ion Ratio Lower Upper

65 100

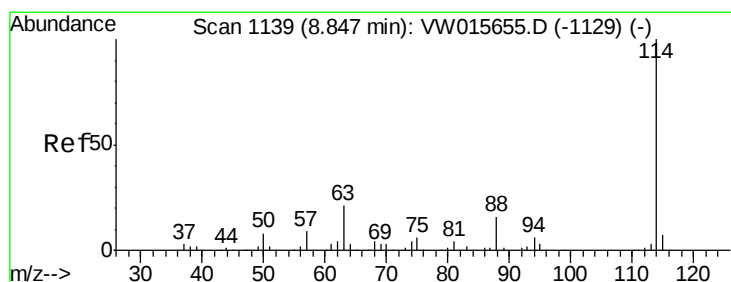
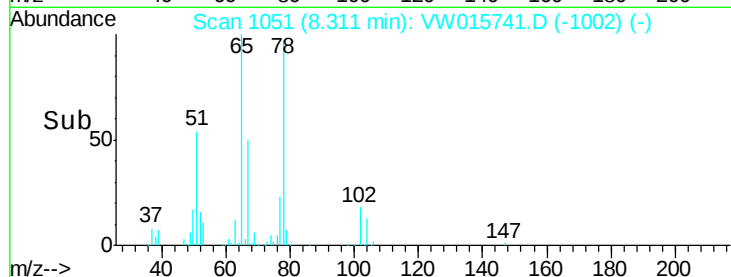
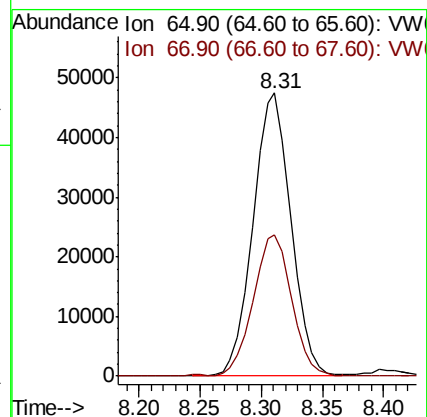
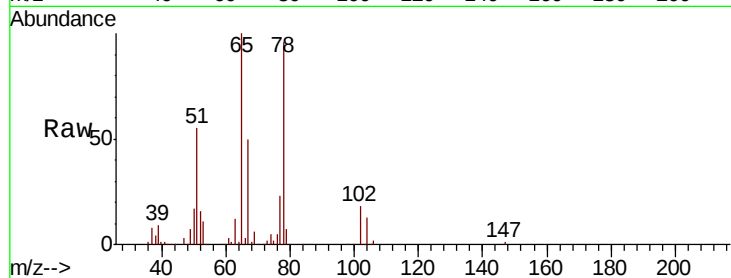
67 50.6 0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

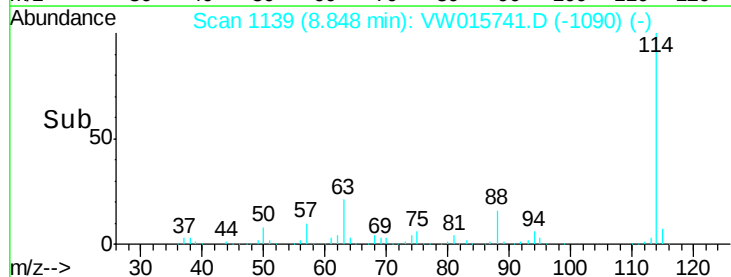
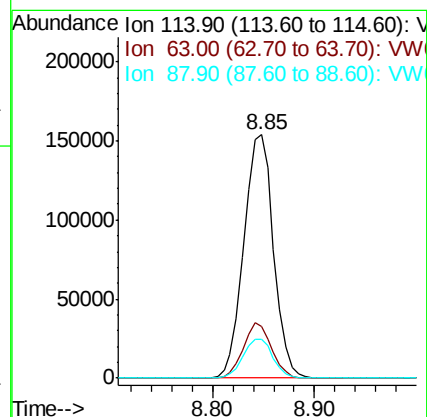
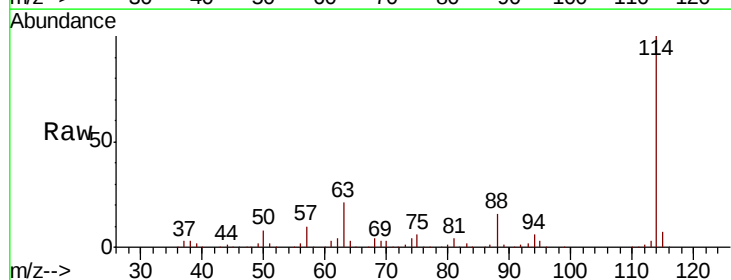
Tgt Ion: 114 Resp: 309868

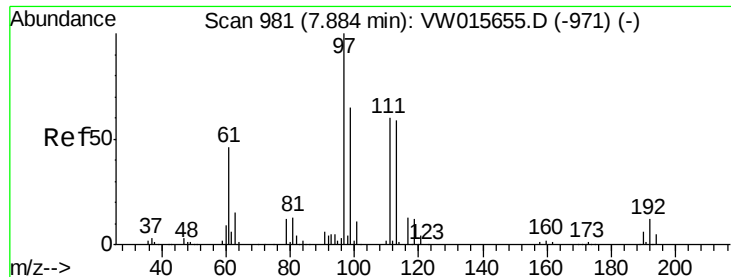
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

88 16.2 0.0 32.6





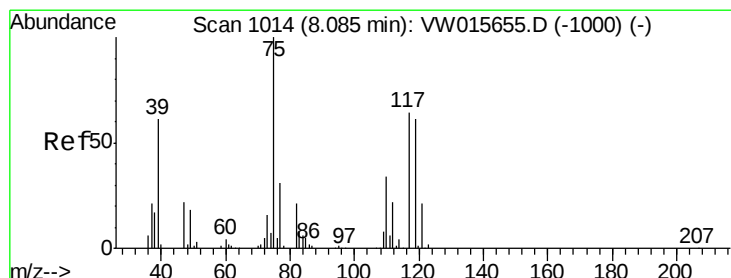
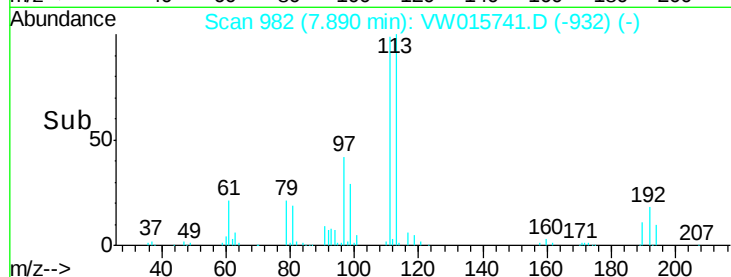
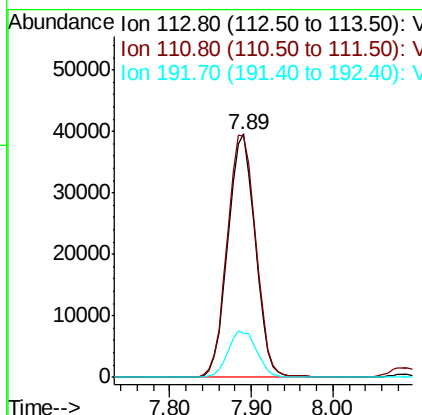
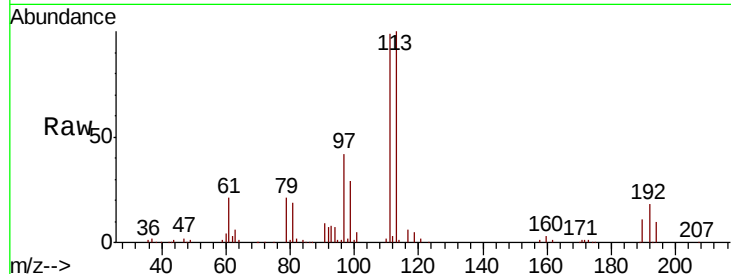
#35
 Dibromofluoromethane
 Concen: 46.863 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	91343		
111	104.3	82.3	123.5	
192	19.9	16.4	24.6	

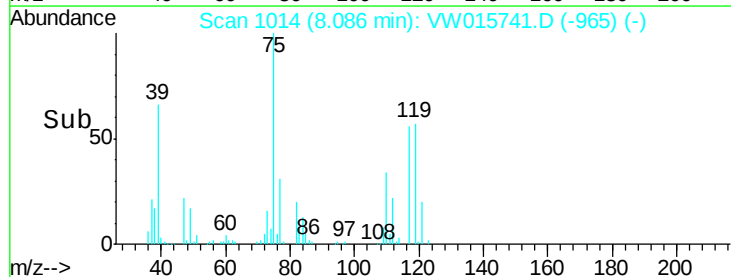
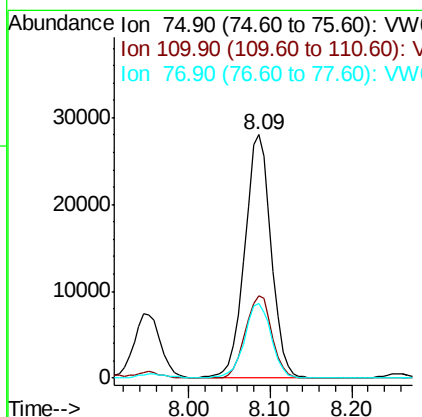
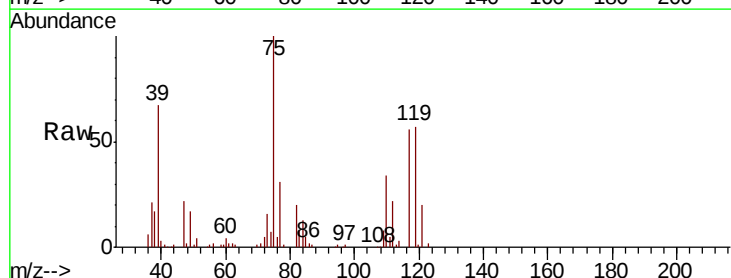
Manual Integrations
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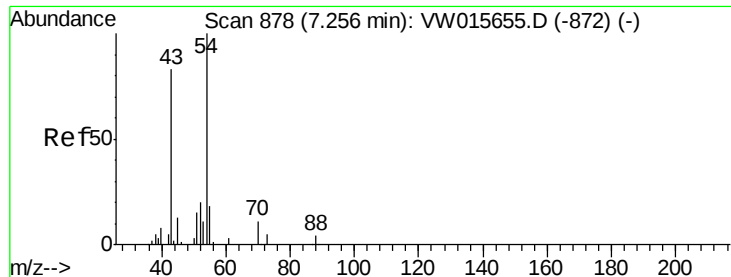
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.672 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63403		
110	34.0	17.0	51.0	
77	31.1	24.6	36.8	





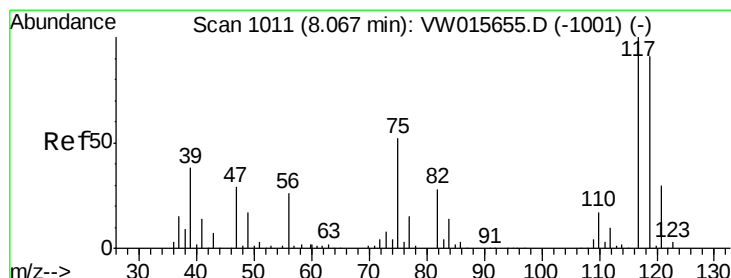
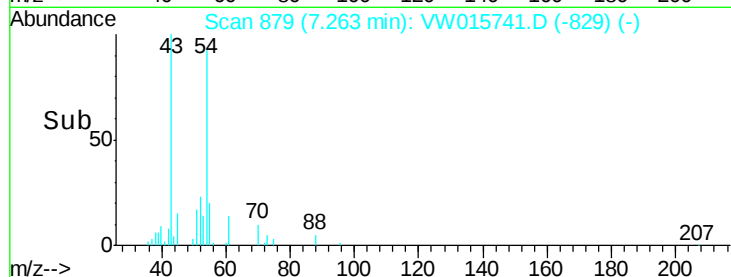
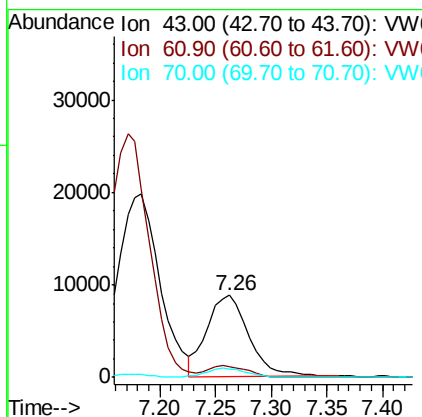
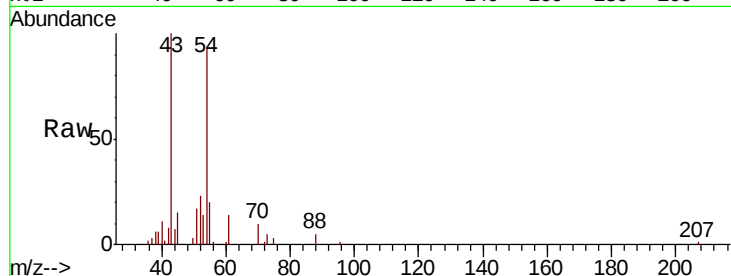
#37
Ethyl Acetate
Concen: 18.732 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	43	Resp	23051
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.4	15.6
70	10.5	8.4	12.6

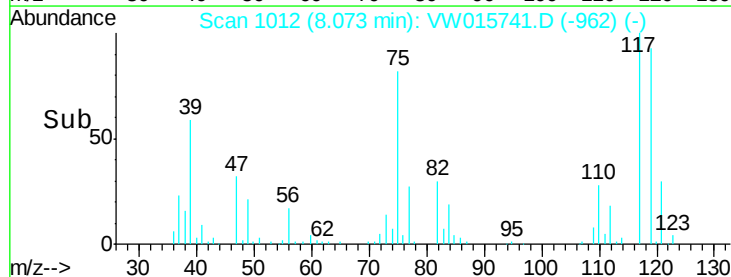
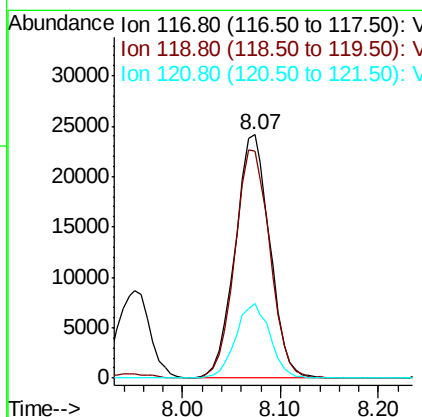
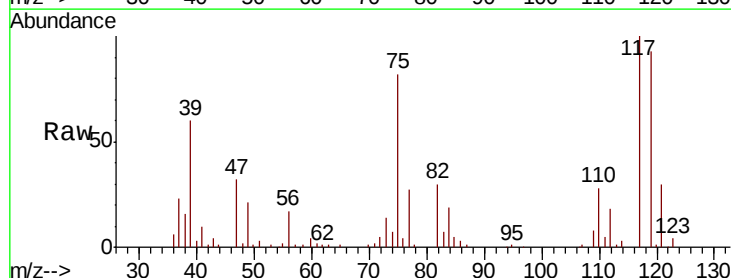
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#38
Carbon Tetrachloride
Concen: 19.080 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	117	Resp	59609
Ion Ratio	Lower	Upper	
117	100		
119	93.3	73.2	109.8
121	30.4	23.9	35.9





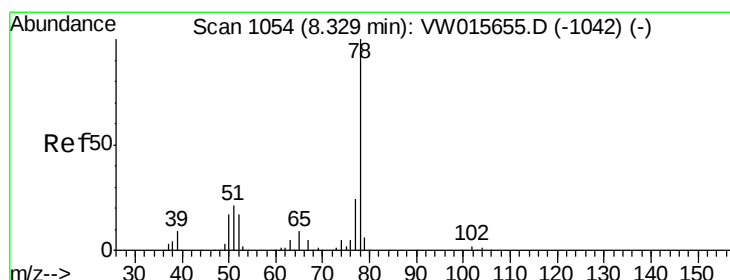
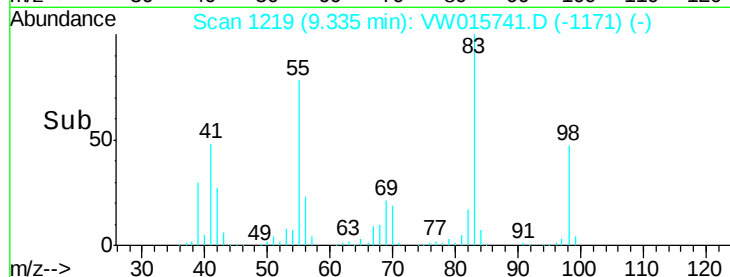
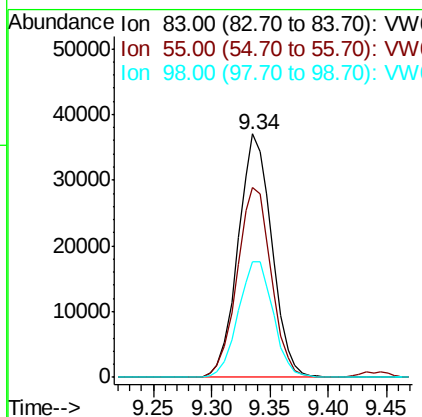
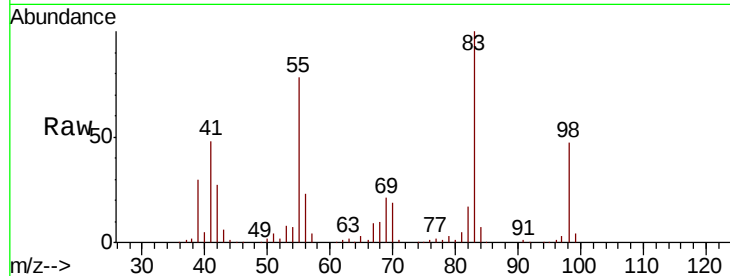
#39
Methvlcvclohexane
Concen: 19.177 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.8	94.2
98	47.4	39.9	59.9

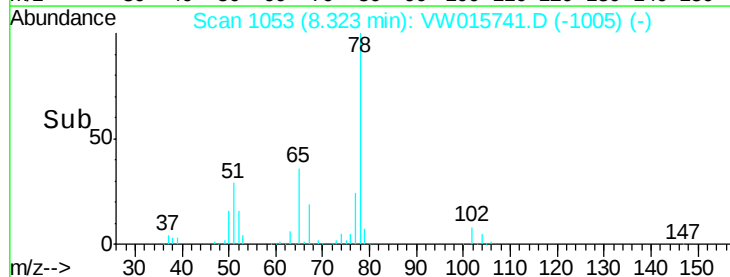
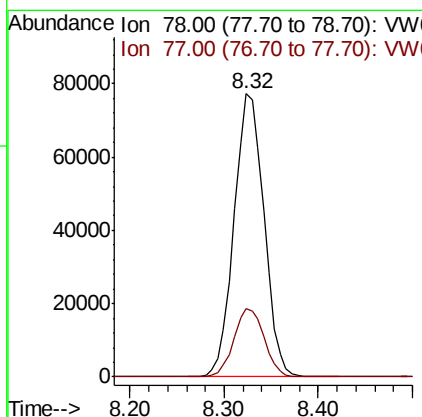
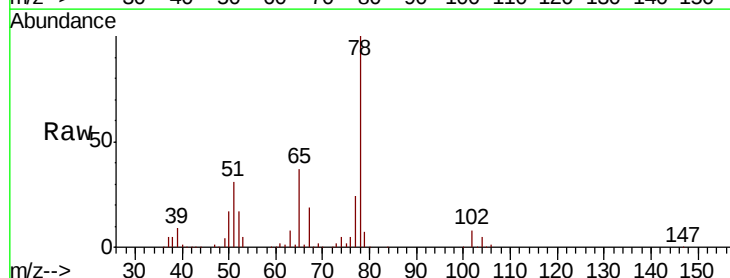
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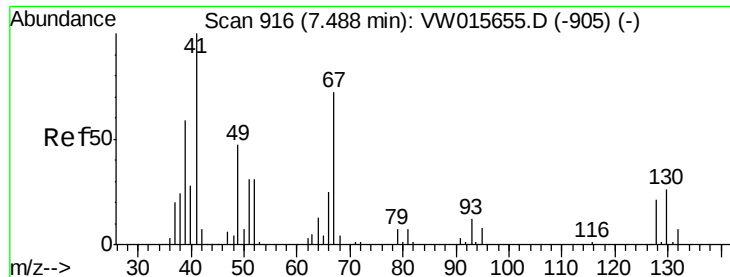
MMDadoda
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#40
Benzene
Concen: 19.590 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





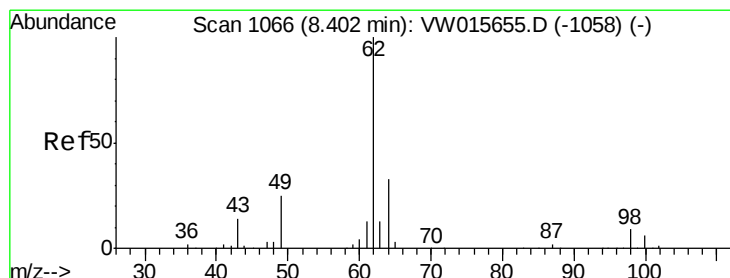
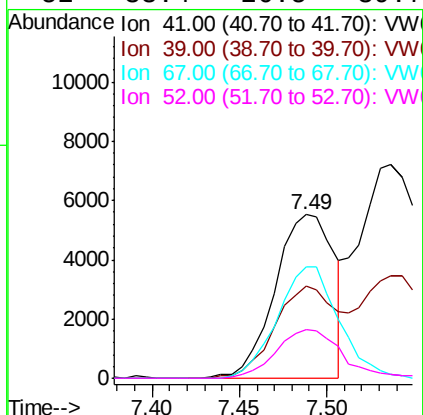
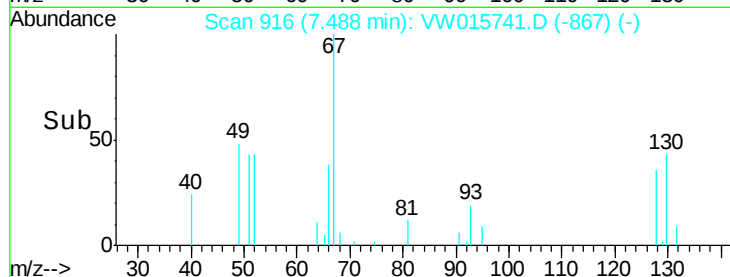
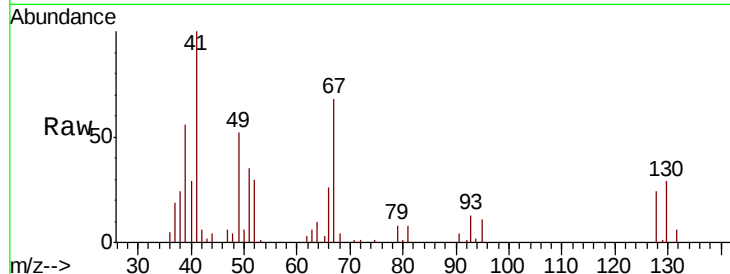
#41
Methacrylonitrile
Concen: 18.393 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBSD01

Tot Ion	41	Resp	12990
Ion Ratio	Lower	Upper	
41	100		
39	62.3	52.0	78.0
67	71.1	57.5	86.3
52	33.4	26.5	39.7

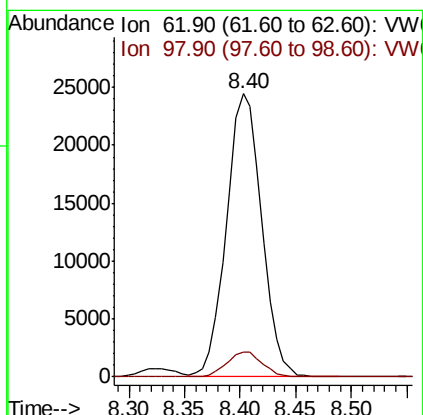
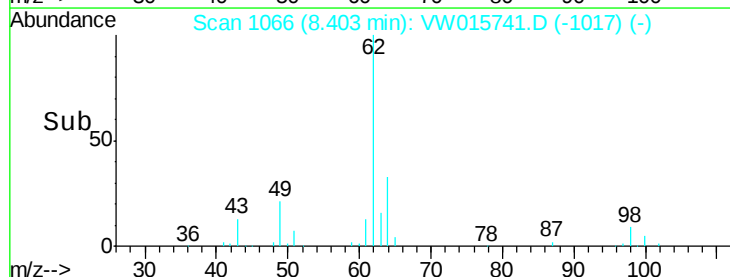
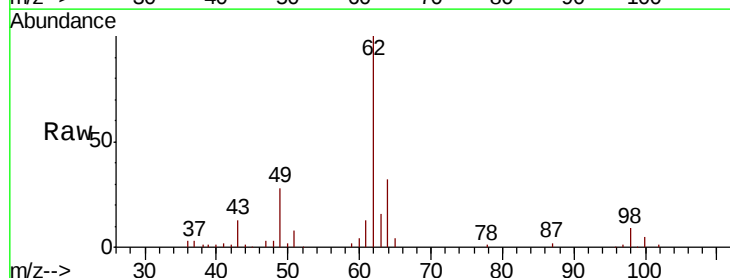
Manual Integrations
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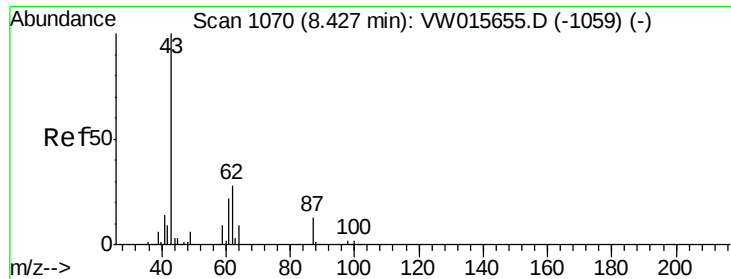
MMDadoda
6/29/2020 12:34:02 PM



#42
1,2-Dichloroethane
Concen: 19.780 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	62	Resp	53624
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.4





#43

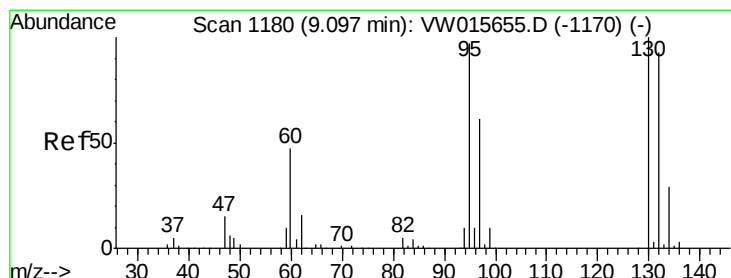
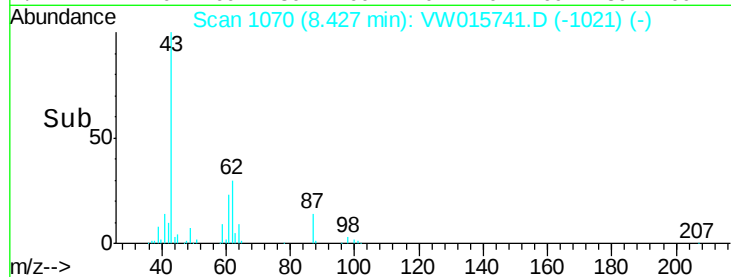
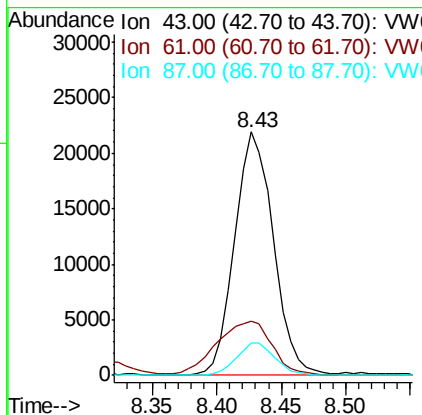
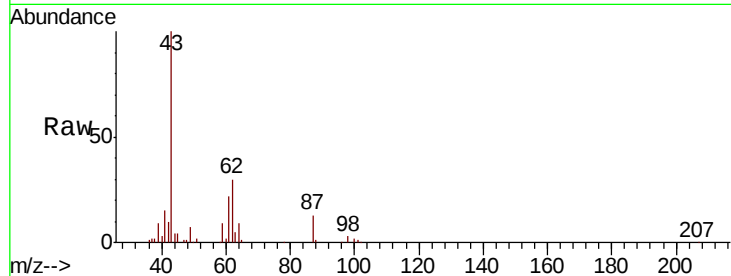
Isopropyl Acetate
 Concen: 18.724 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.0	24.7	37.1
87	13.0	10.2	15.2

Manual Integrations
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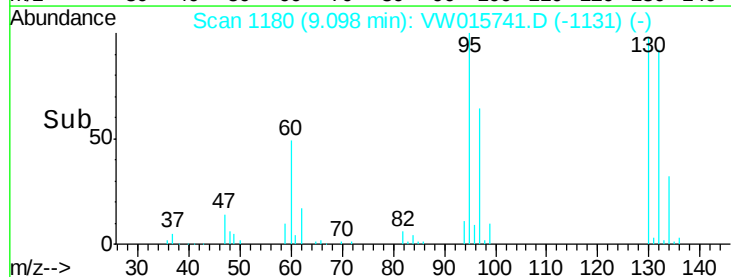
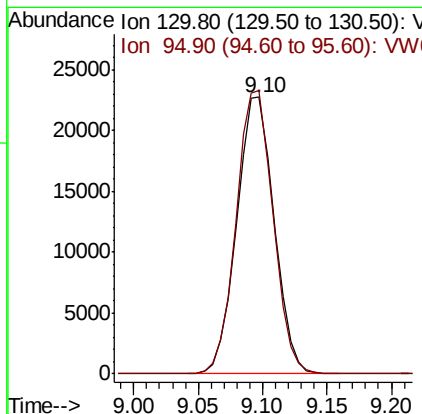
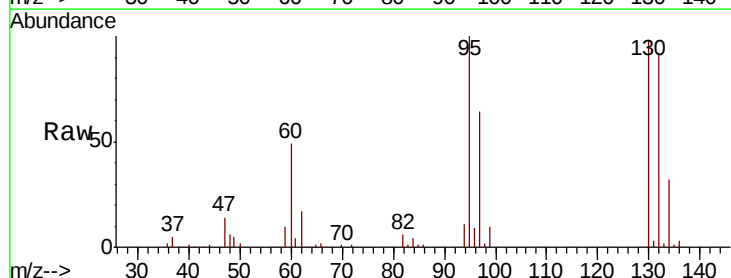
MMDadoda
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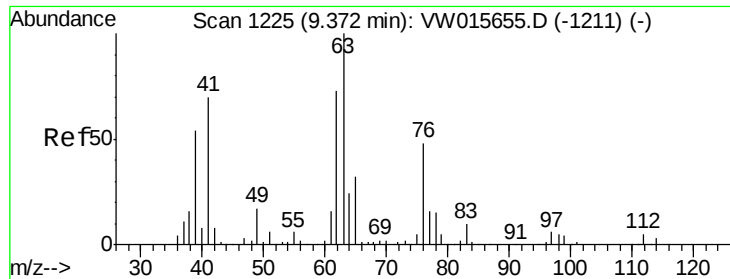


#44

Trichloroethene
 Concen: 19.391 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	194.4





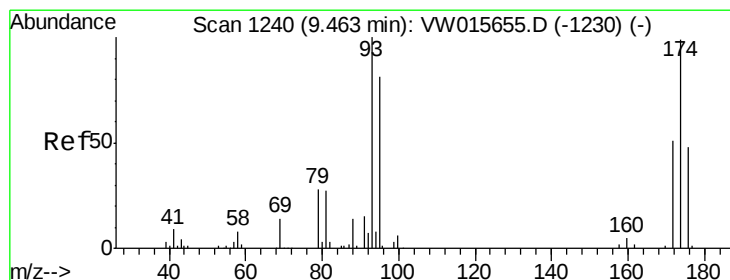
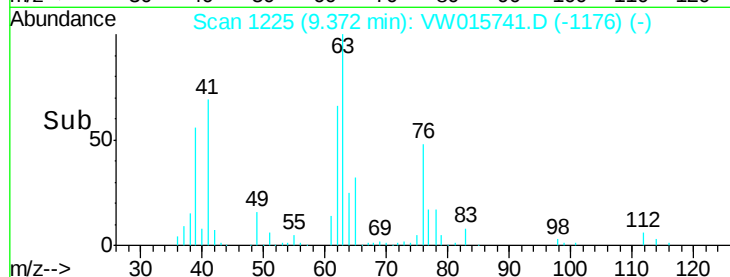
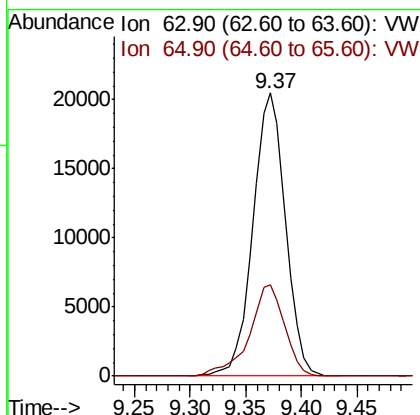
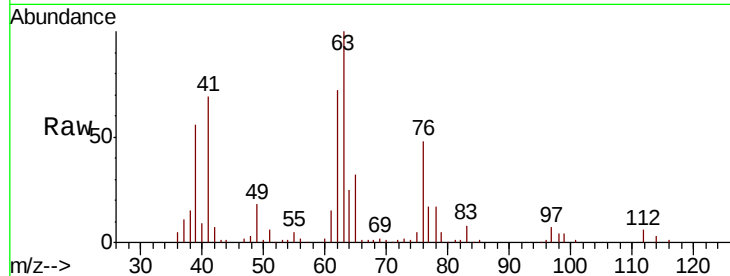
#45
 1,2-Dichloropropane
 Concen: 19.423 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion: 63 Resp: 41604
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.3 37.9

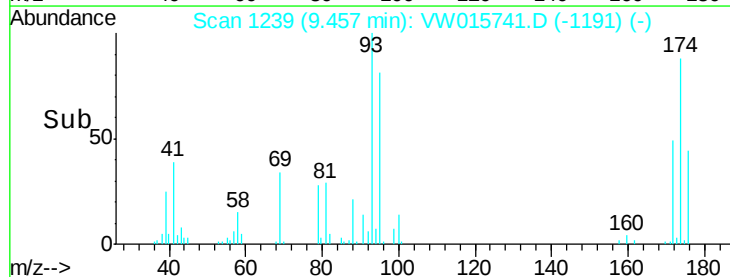
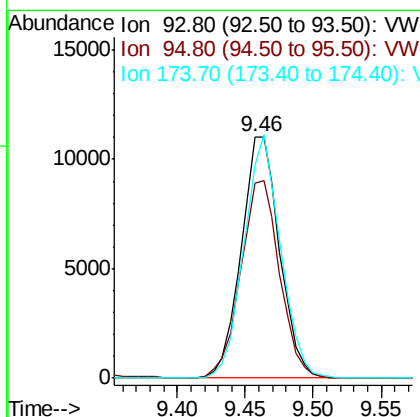
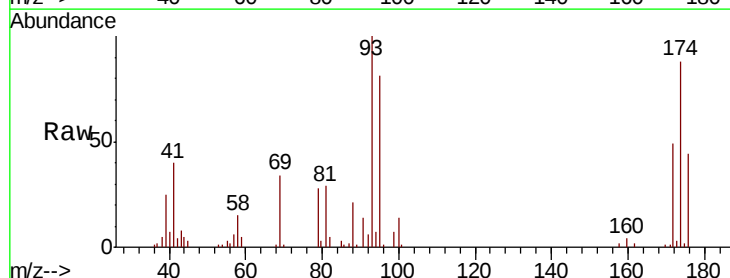
Manual Integrations
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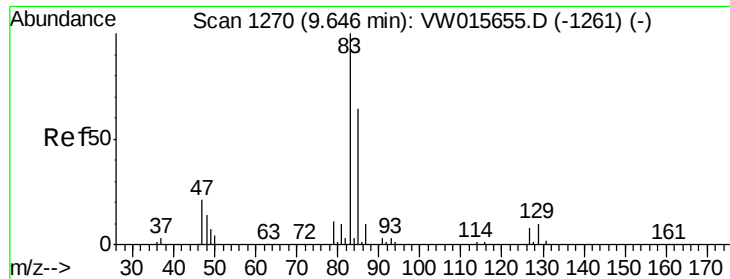
MMDadoda
 6/29/2020 12:34:02 PM



#46
 Dibromomethane
 Concen: 19.619 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion: 93 Resp: 21743
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.7 98.5
 174 95.7 79.0 118.6





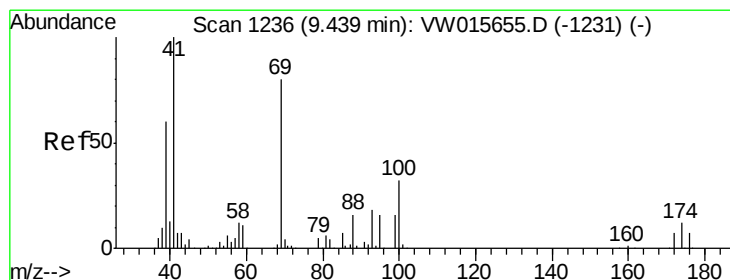
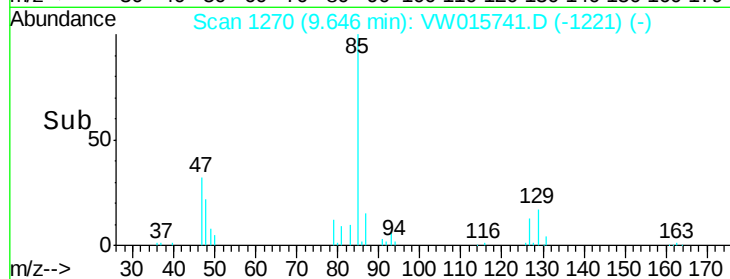
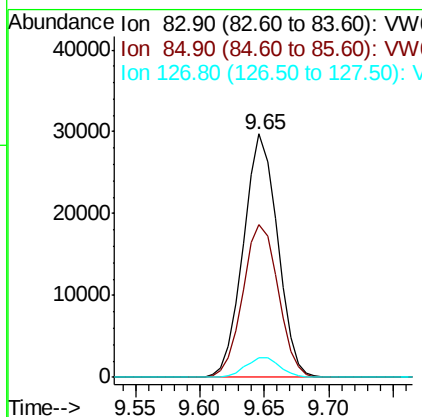
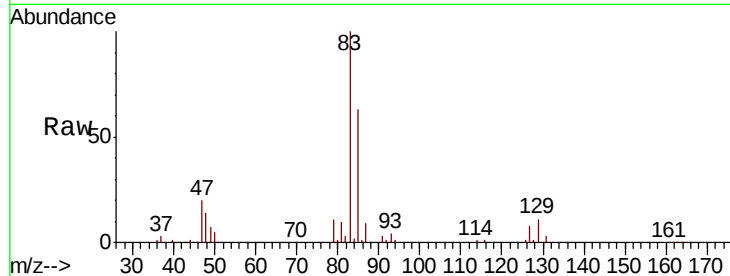
#47
Bromodichloromethane
Concen: 18.940 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	83	Resp	54755
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	50.8	76.2
127	8.1	6.3	9.5

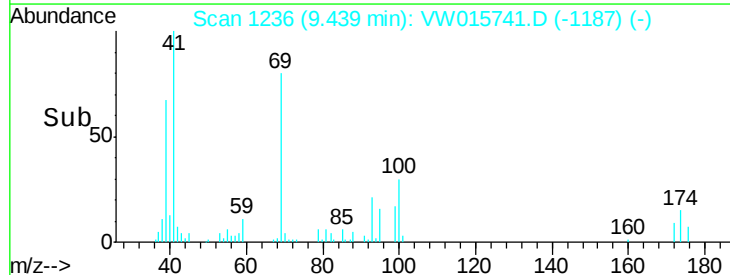
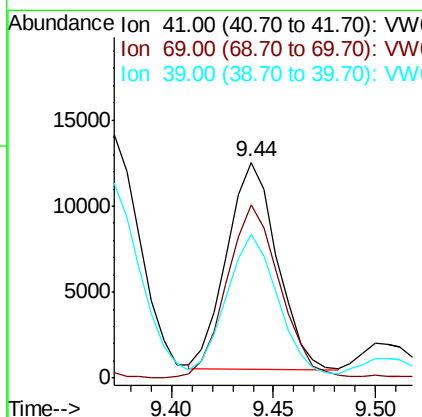
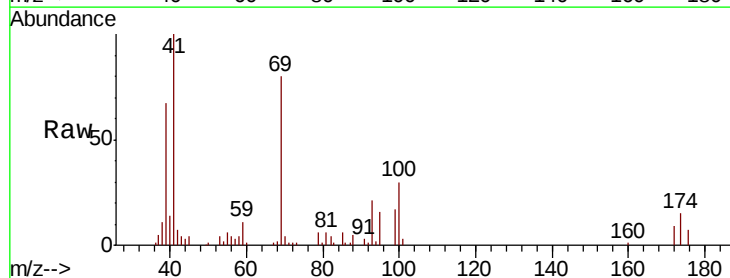
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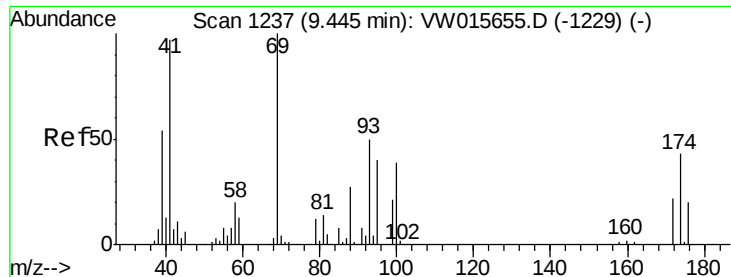
MMDadoda
6/29/2020 12:34:02 PM



#48
Methyl methacrylate
Concen: 18.396 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	41	Resp	20654
Ion Ratio	100	Lower	Upper
41	100		
69	89.7	68.2	102.2
39	67.1	49.8	74.6





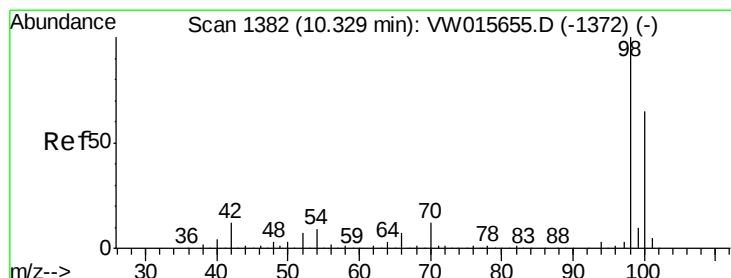
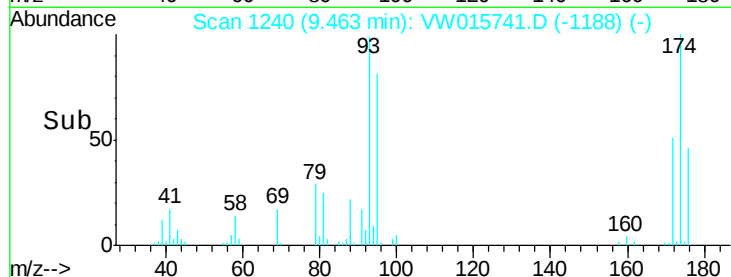
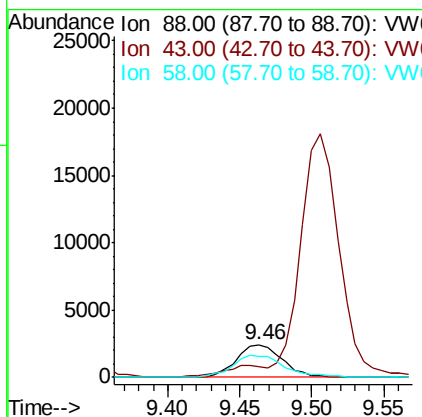
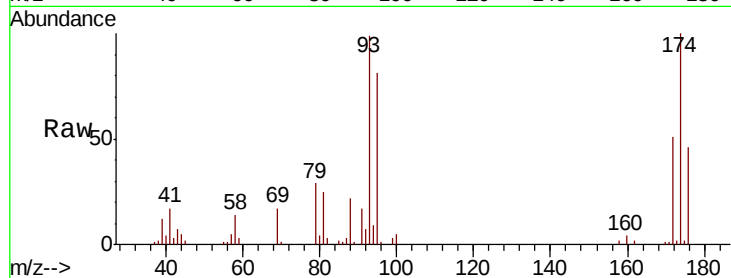
#49
1,4-Dioxane
Concen: 369.286 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion:	88	Resp:	5369
Ion	Ratio	Lower	Upper
88	100		
43	36.3	30.1	45.1
58	75.2	56.1	84.1

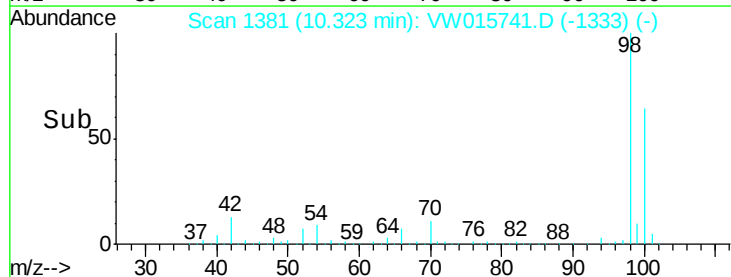
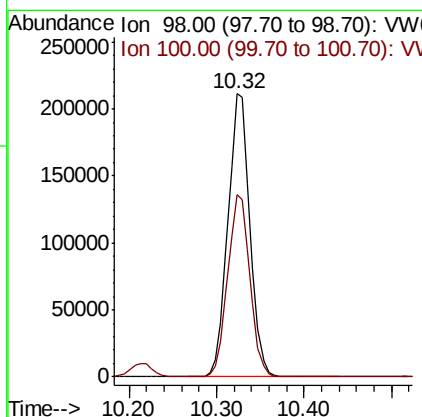
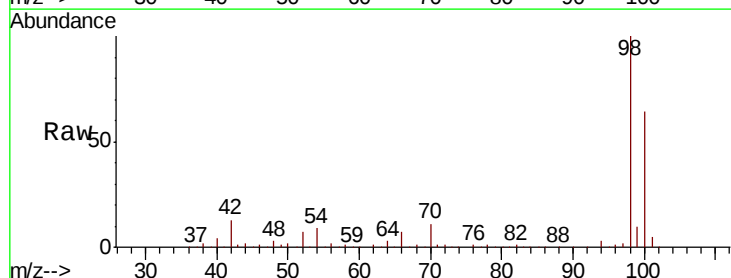
Manual Integrations
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#50
Toluene-d8
Concen: 47.963 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion:	98	Resp:	367913
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.8	79.2





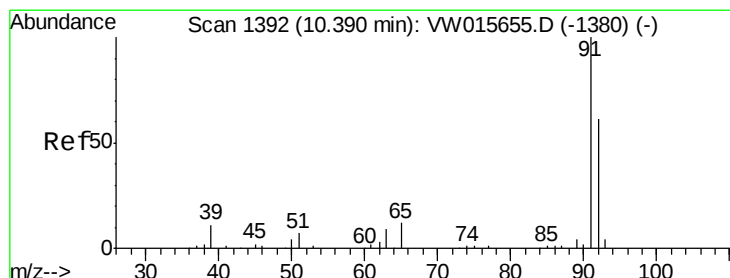
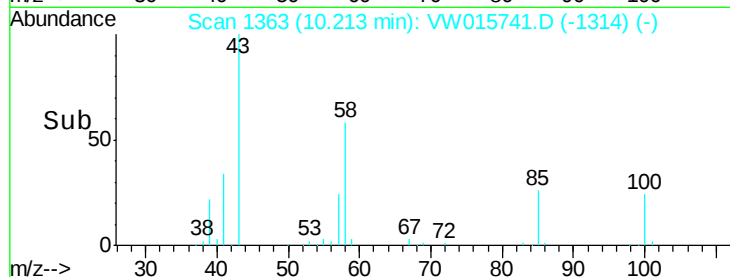
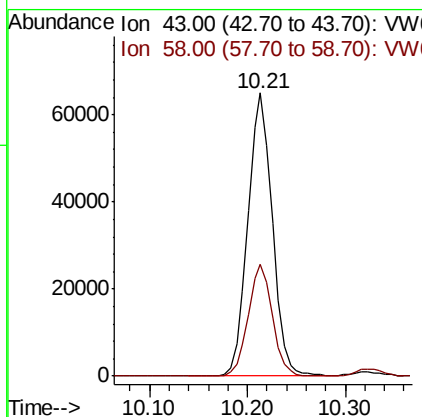
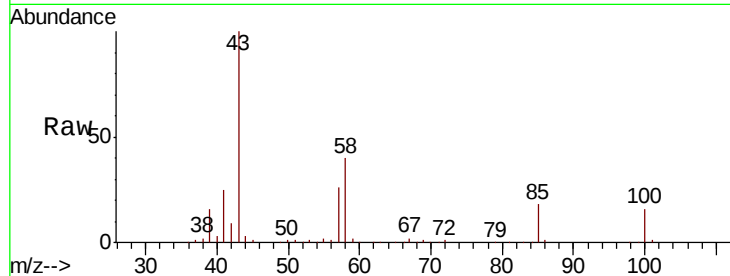
#51
4-Methyl-2-Pentanone
Concen: 95.090 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.2	46.8

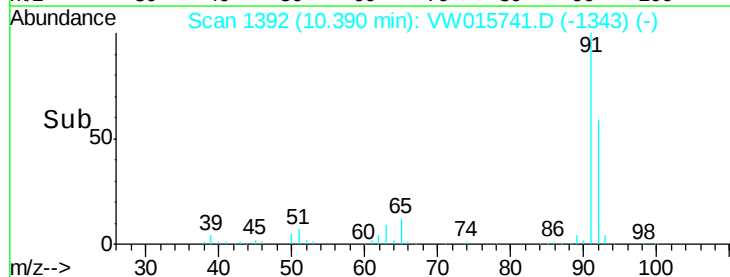
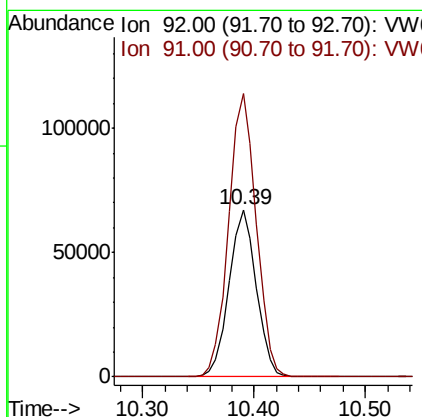
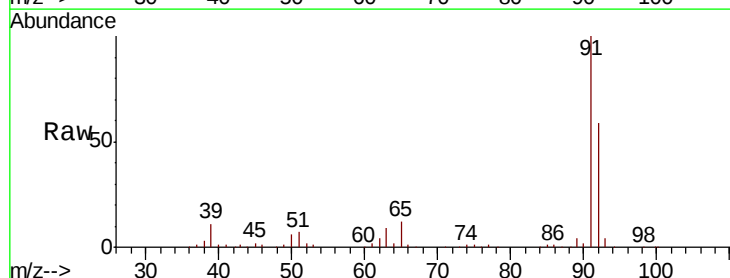
Manual Integrations
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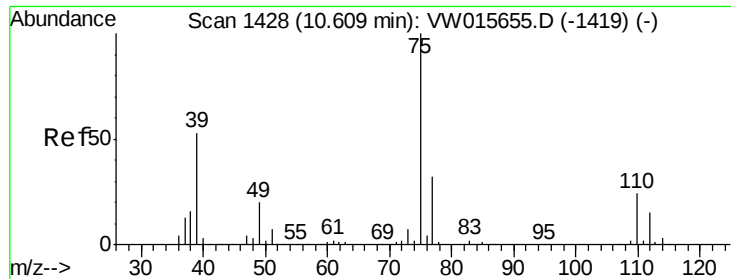
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#52
Toluene
Concen: 20.068 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	135.5	203.3





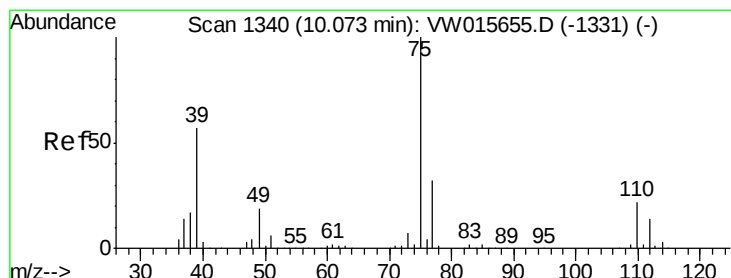
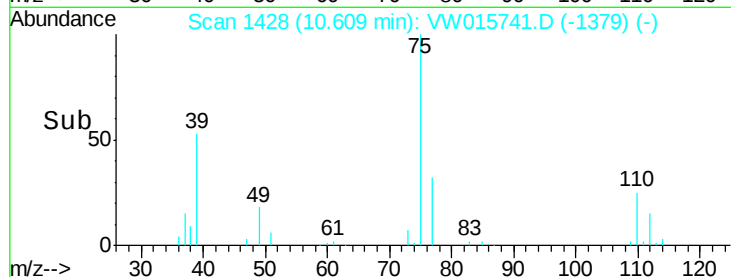
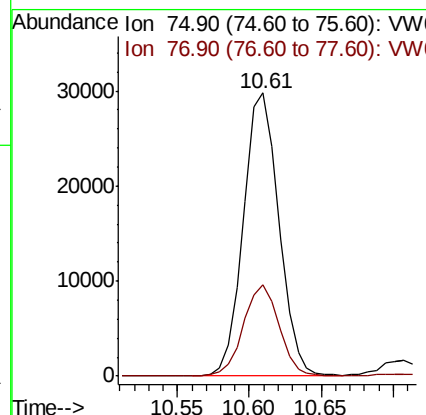
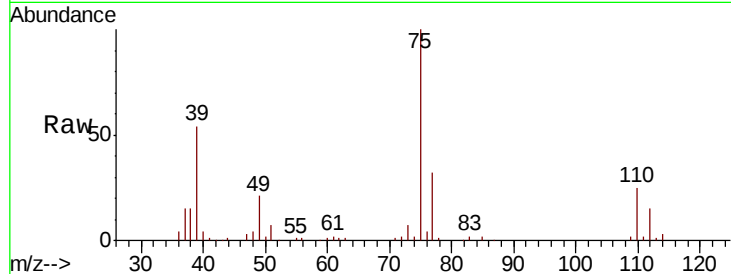
#53
t-1,3-Dichloropropene
Concen: 18.242 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 75 Resp: 50946
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9

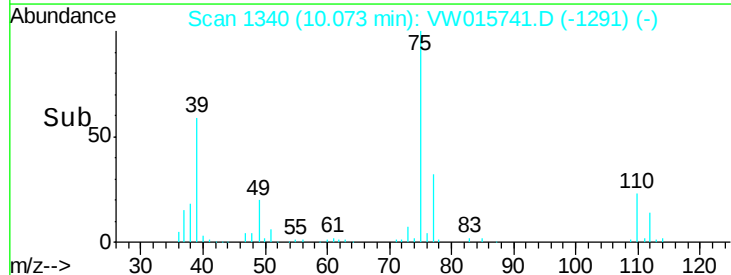
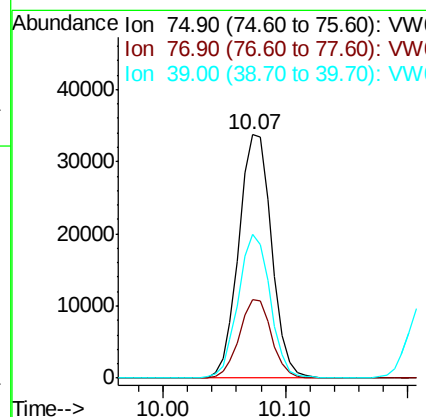
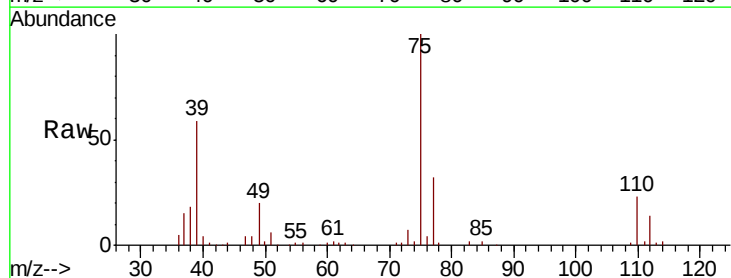
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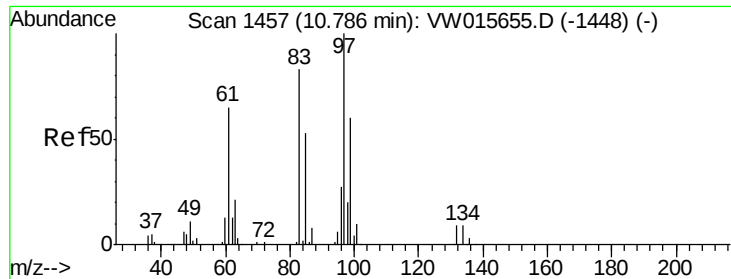
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#54
cis-1,3-Dichloropropene
Concen: 18.799 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion: 75 Resp: 62720
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2
39 59.1 45.8 68.6





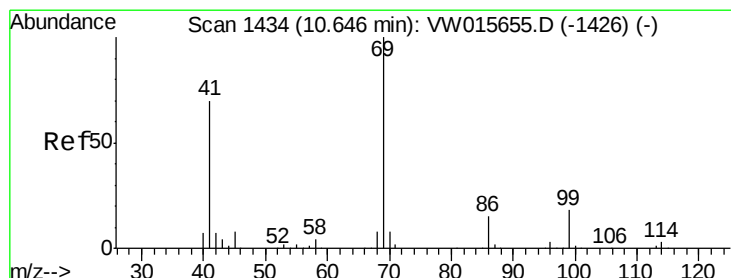
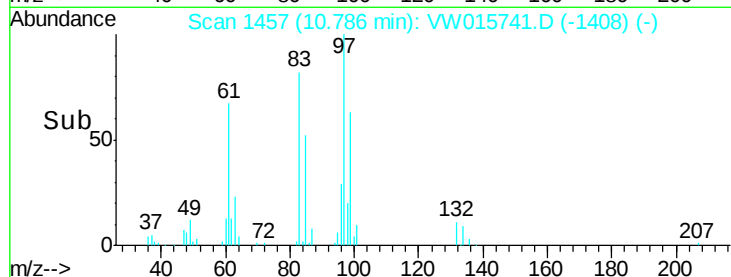
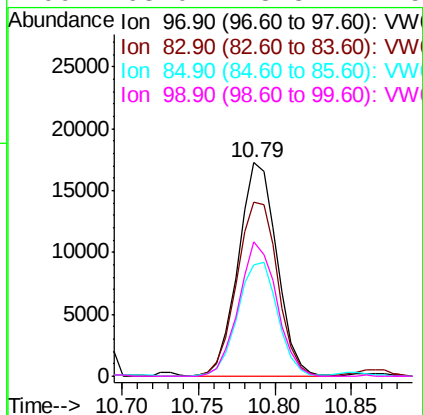
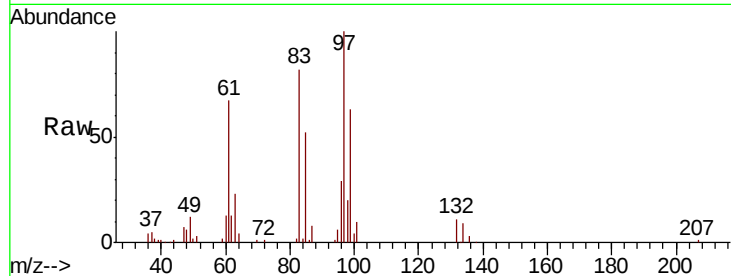
#55
 1,1,2-Trichloroethane
 Concen: 19.691 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampled :
 VW0626SBS01

Tot Ion:	97	Resp:	30342
Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.3	99.5
85	52.2	42.5	63.7
99	63.0	48.3	72.5

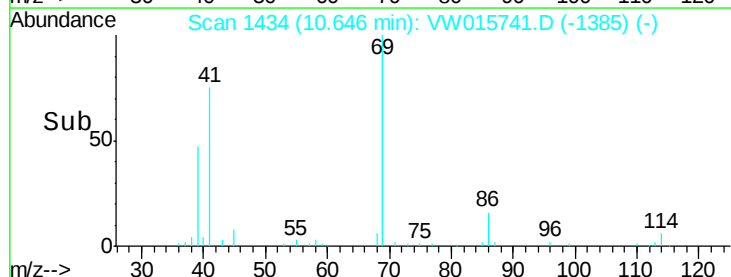
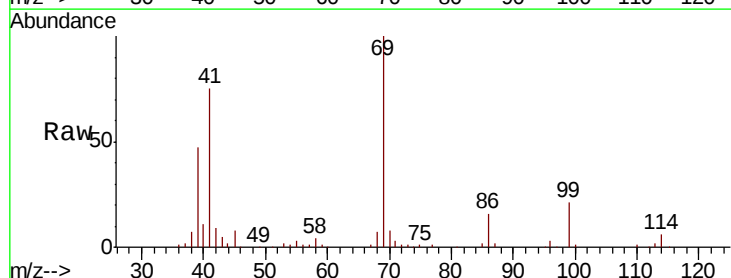
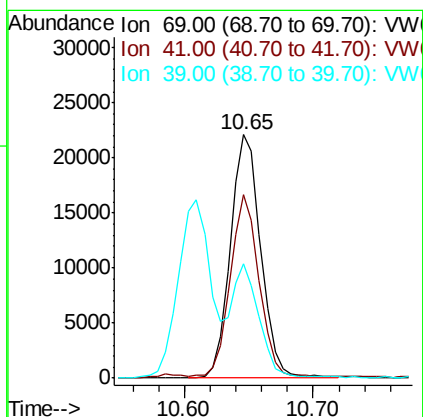
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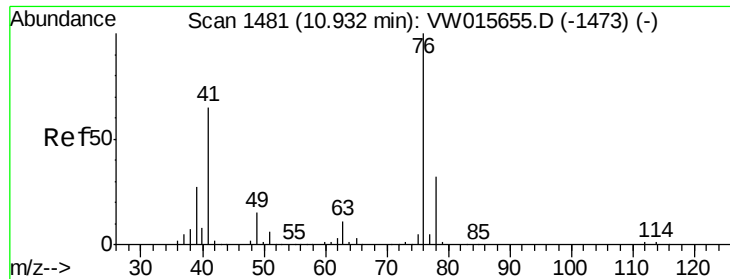
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#56
 Ethyl methacrylate
 Concen: 18.912 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion:	69	Resp:	36261
Ion	Ratio	Lower	Upper
69	100		
41	70.4	55.8	83.6
39	42.4	29.5	44.3





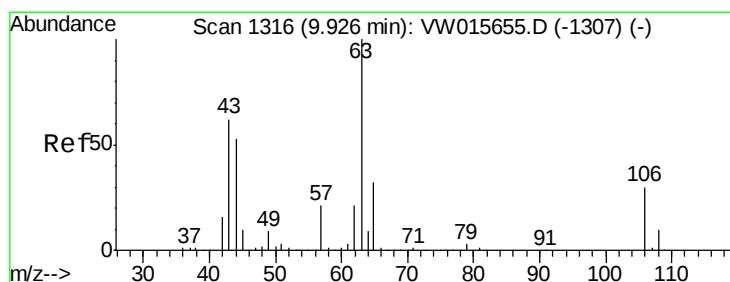
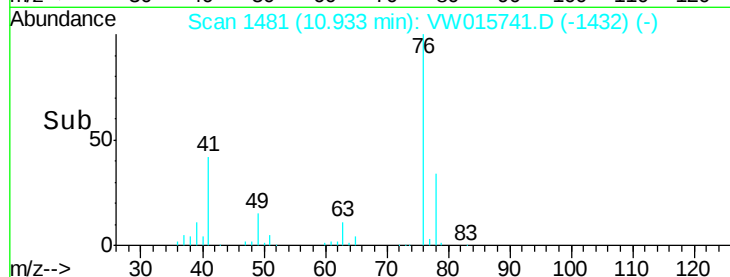
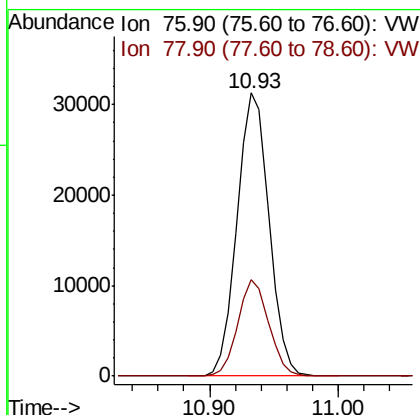
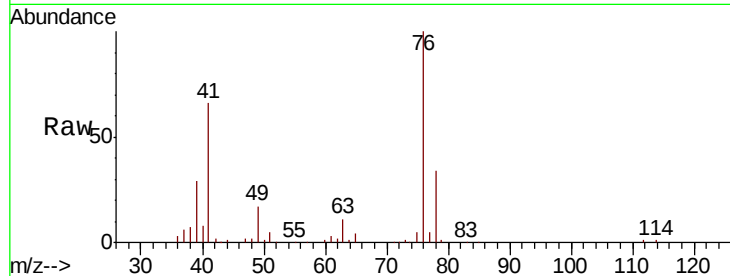
#57
 1,3-Dichloropropane
 Concen: 19.640 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion: 76 Resp: 53654
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2

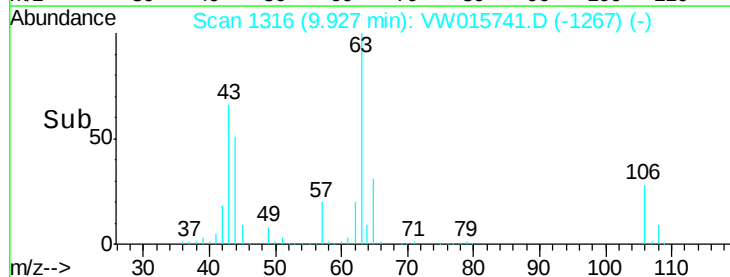
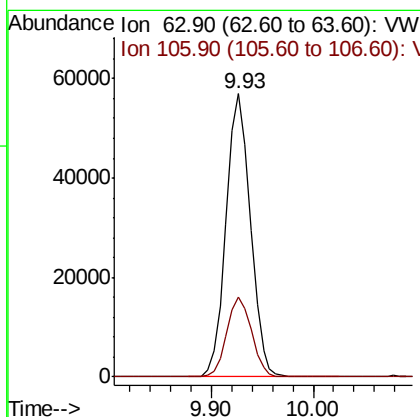
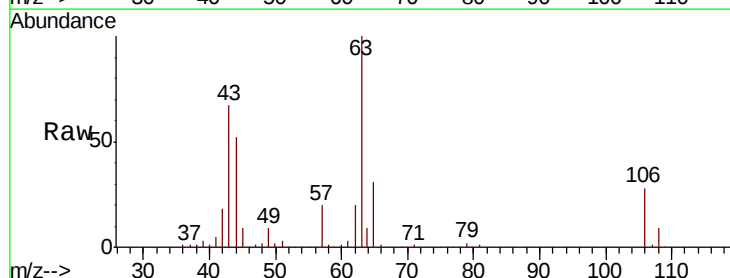
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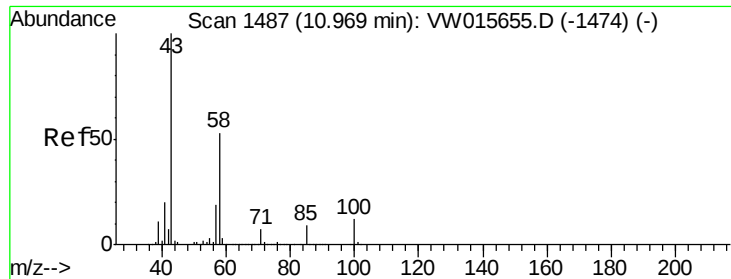
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.921 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion: 63 Resp: 94289
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.3 34.9





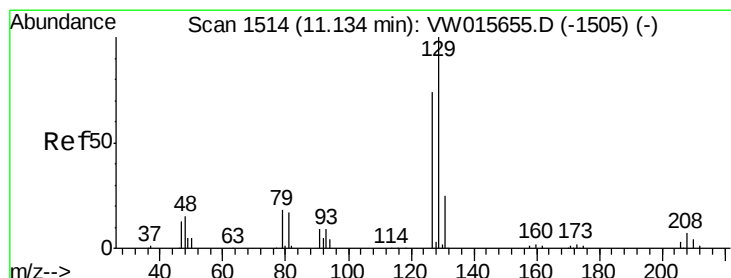
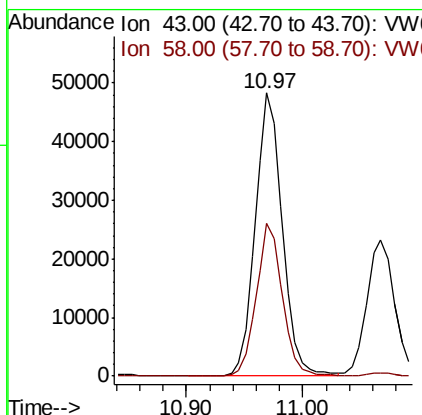
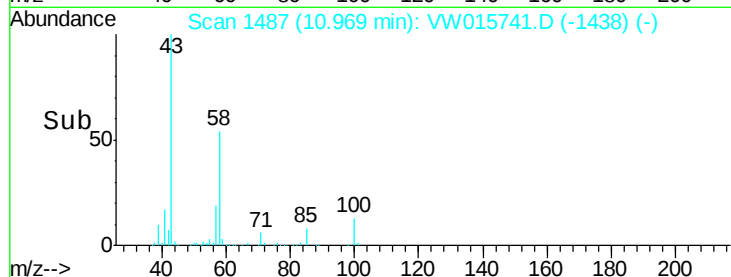
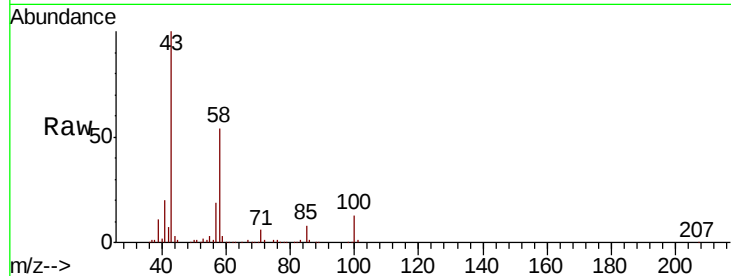
#59
2-Hexanone
Concen: 97.236 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 43 Resp: 78397
Ion Ratio Lower Upper
43 100
58 52.0 26.5 79.4

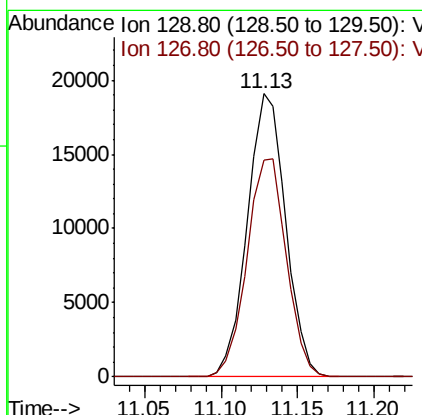
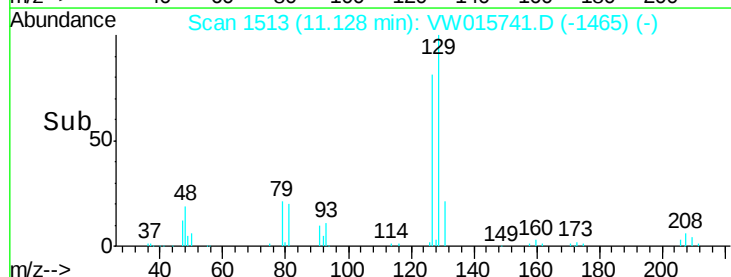
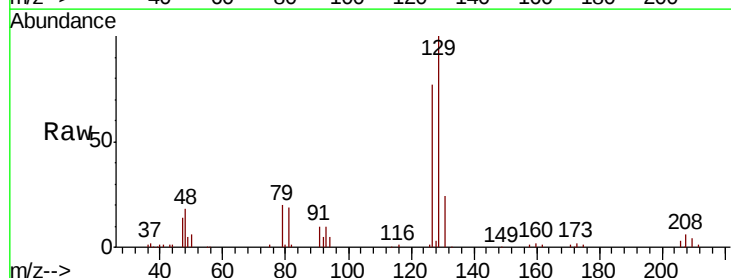
Manual Integrations
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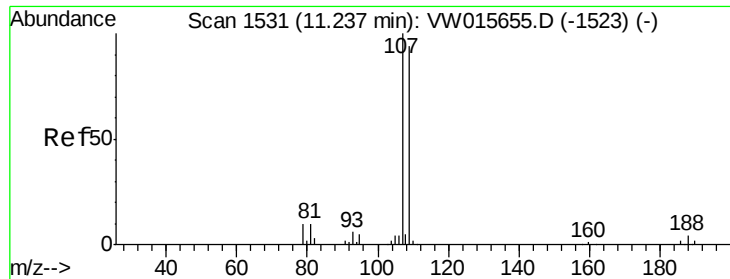
MMDadoda
6/29/2020 12:34:02 PM



#60
Dibromochloromethane
Concen: 18.549 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion: 129 Resp: 33308
Ion Ratio Lower Upper
129 100
127 79.3 38.0 114.1





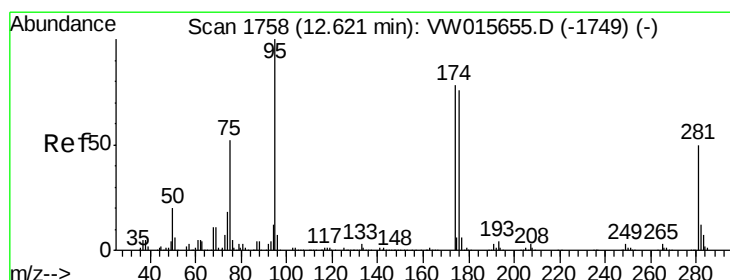
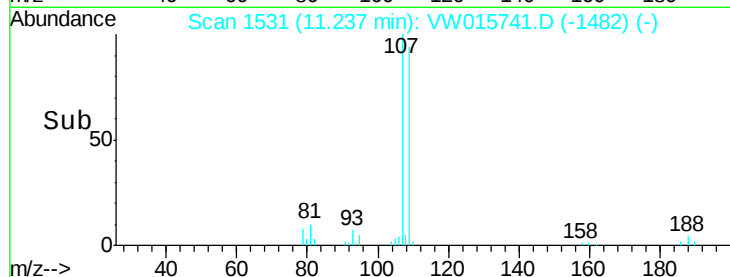
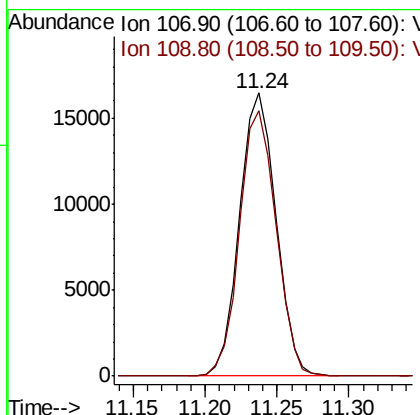
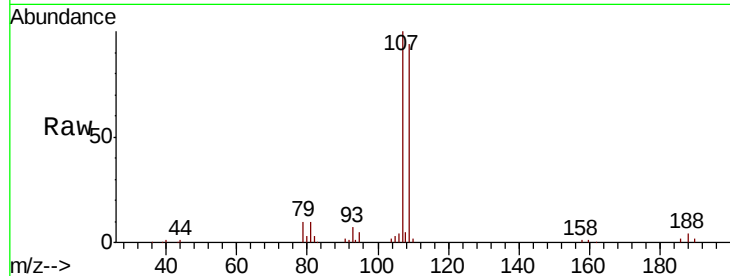
#61
 1,2-Dibromoethane
 Concen: 19.626 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion: 107 Resp: 28907
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.9 112.3

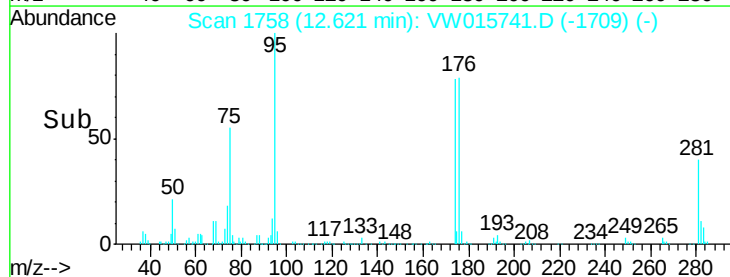
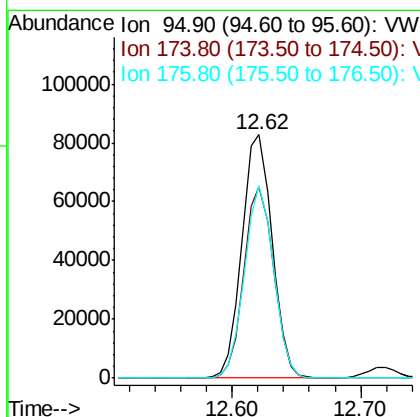
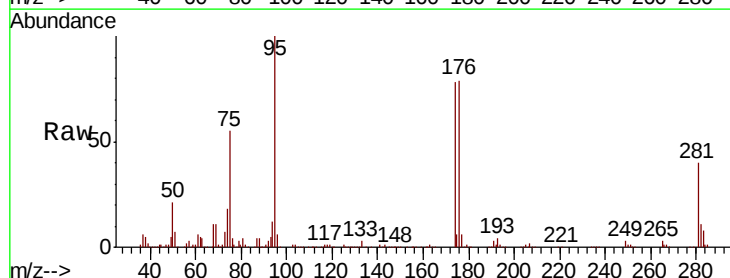
Manual Integrations
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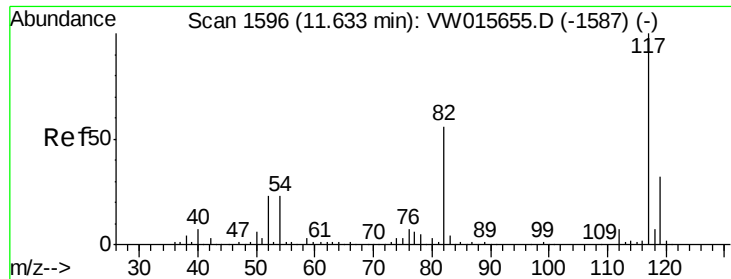
MMDadoda
 6/29/2020 12:34:02 PM



#62
 4-Bromofluorobenzene
 Concen: 47.561 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion: 95 Resp: 134356
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 157.0
 176 76.2 0.0 151.4





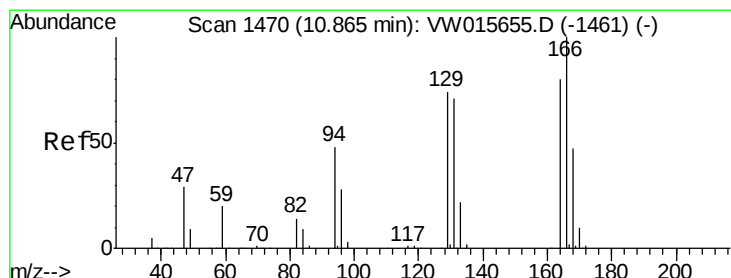
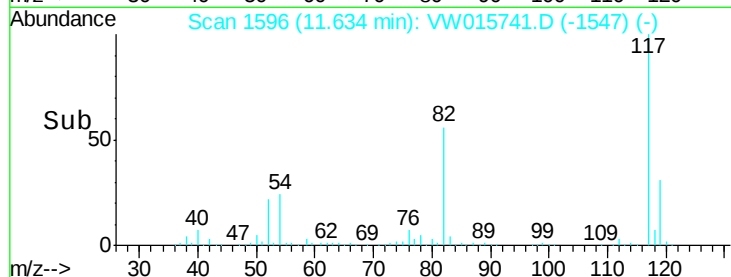
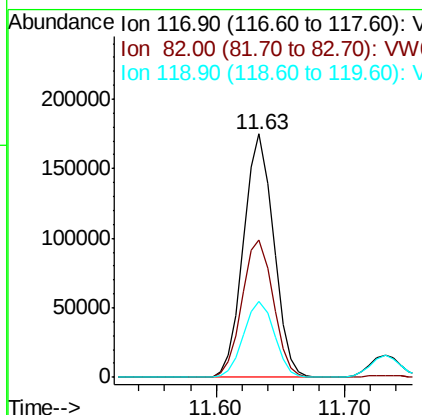
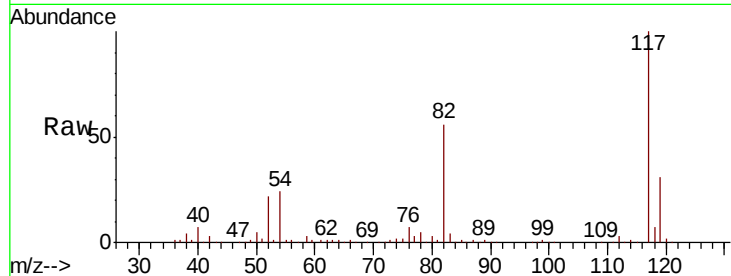
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	31.1	25.8	38.8

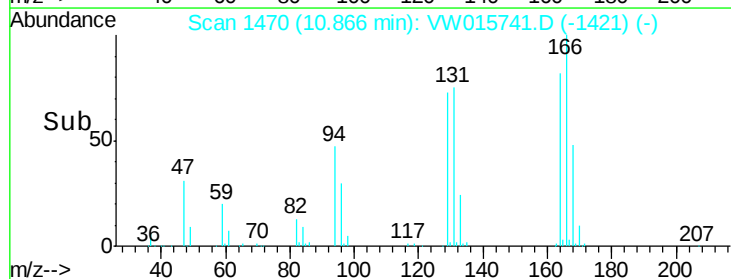
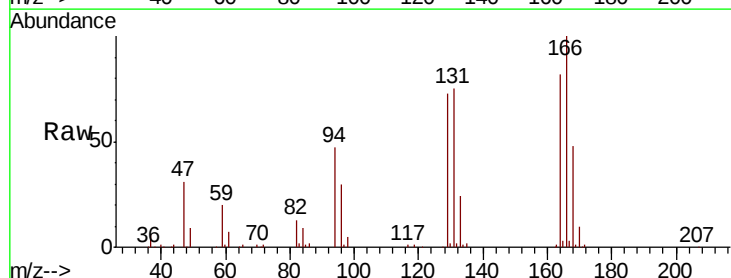
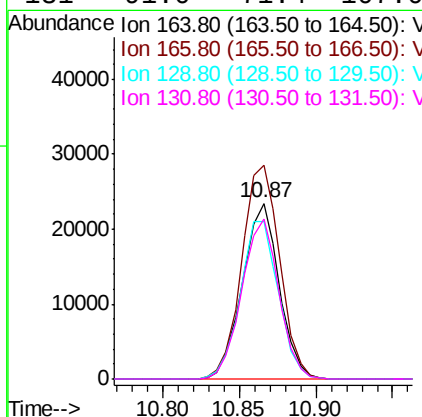
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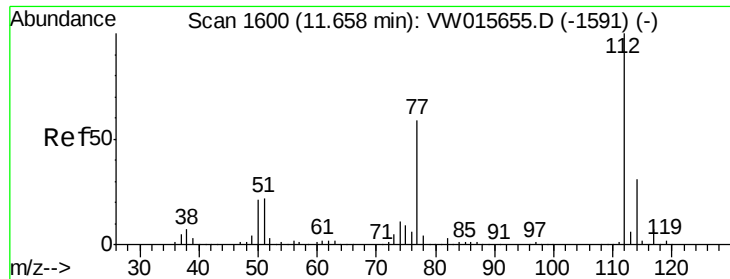
MMDadoda
6/29/2020 12:34:02 PM



#64
Tetrachloroethene
Concen: 19.661 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.7	99.9	149.9
129	89.5	74.2	111.2
131	91.0	71.4	107.0





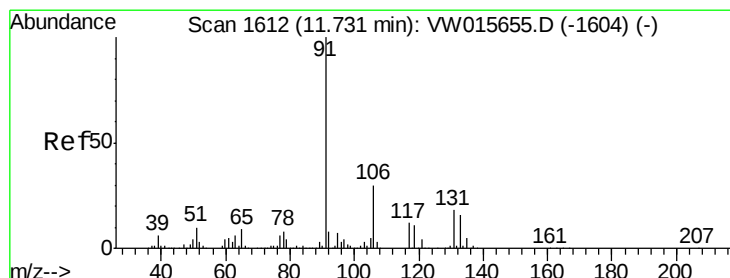
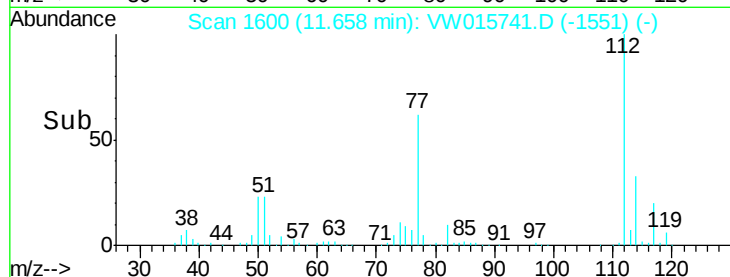
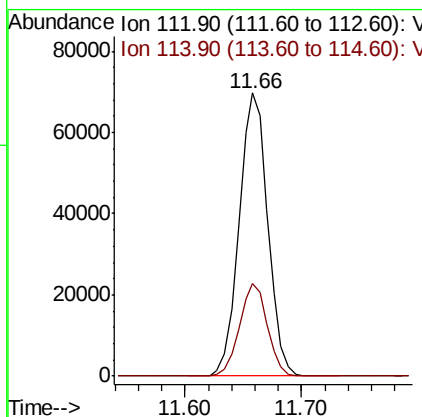
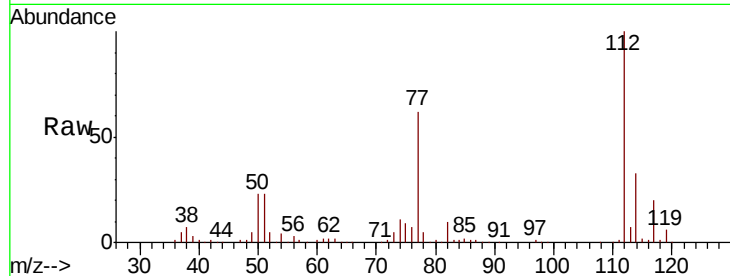
#65
Chlorobenzene
Concen: 19.929 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion:112 Resp: 119016
Ion Ratio Lower Upper
112 100
114 32.9 24.9 37.3

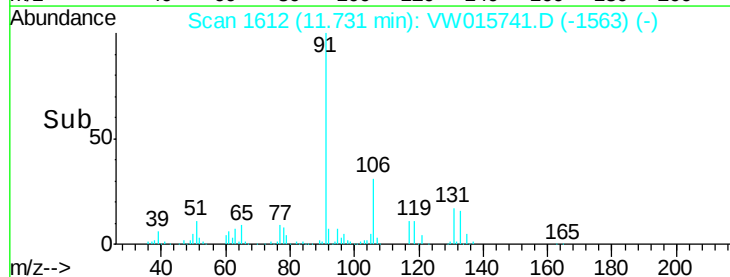
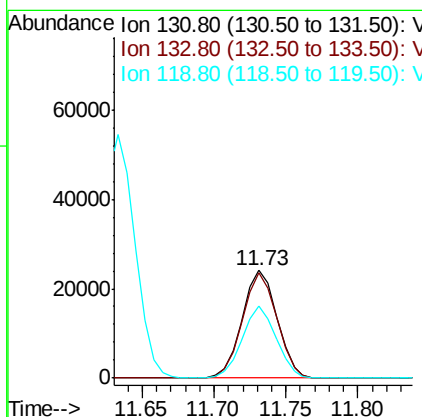
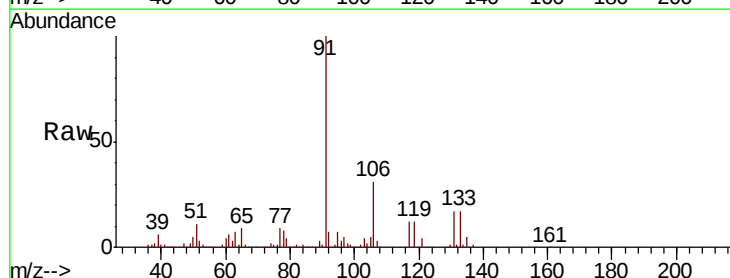
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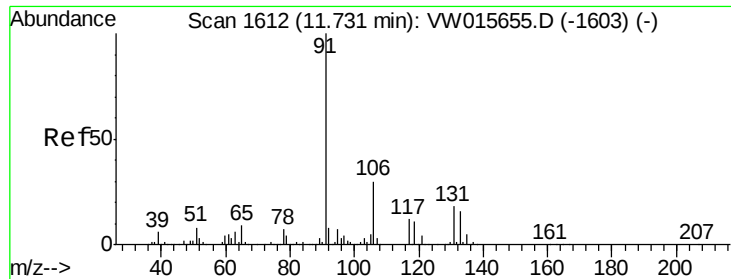
MMDadoda
6/29/2020 12:34:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.308 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion:131 Resp: 40430
Ion Ratio Lower Upper
131 100
133 96.3 46.5 139.5
119 65.2 32.5 97.5





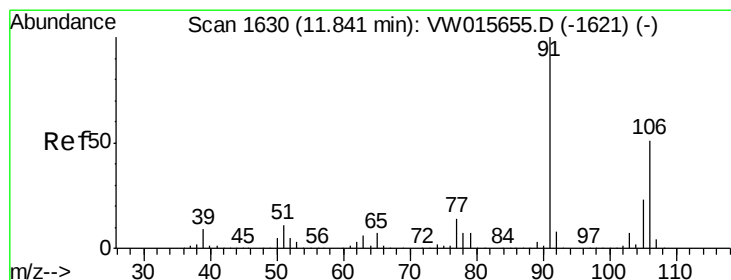
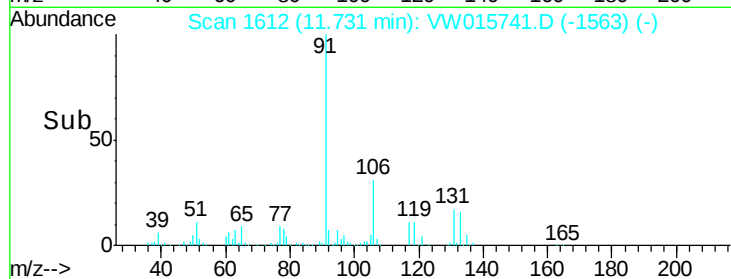
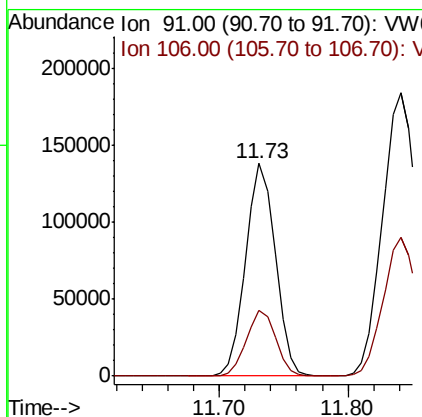
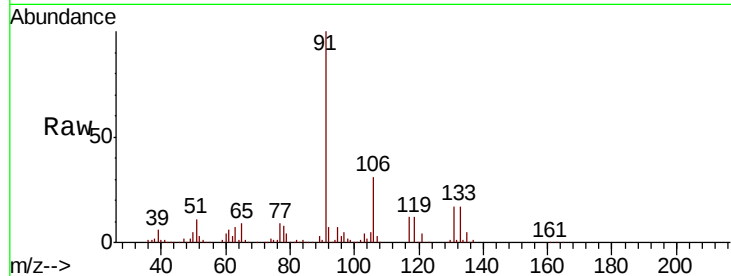
#67
Ethyl Benzene
Concen: 19.830 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 91 Resp: 220389
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

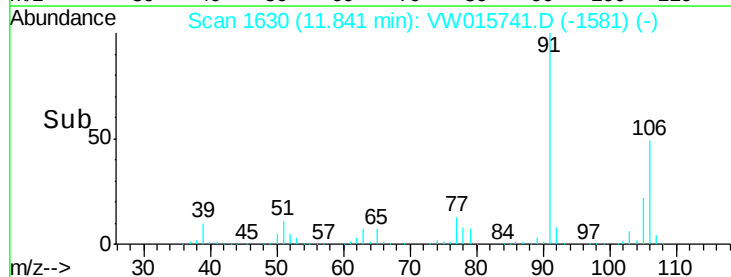
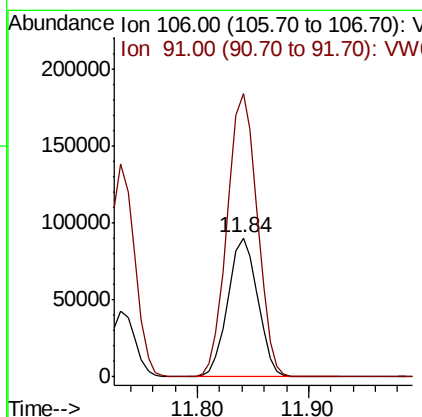
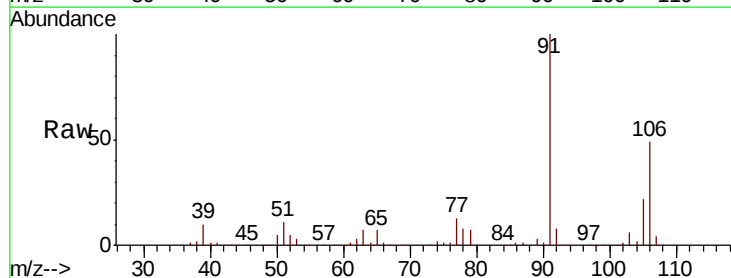
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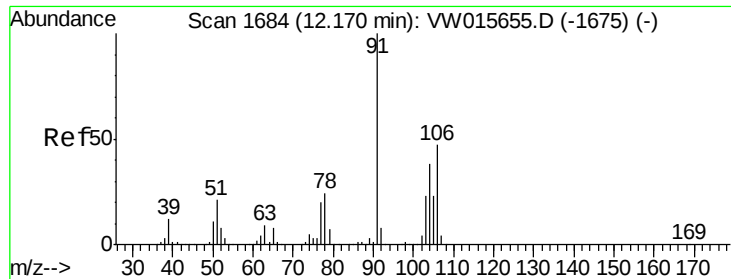
MMDadoda
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#68
m/p-Xylenes
Concen: 40.257 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion: 106 Resp: 168005
Ion Ratio Lower Upper
106 100
91 205.8 162.6 244.0





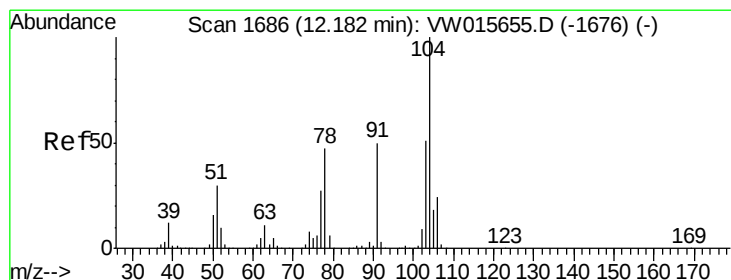
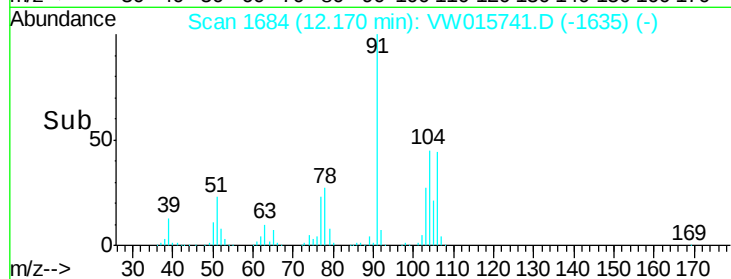
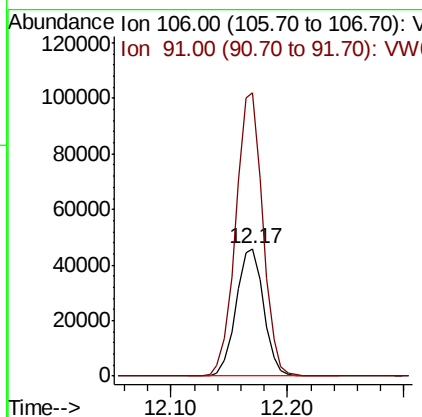
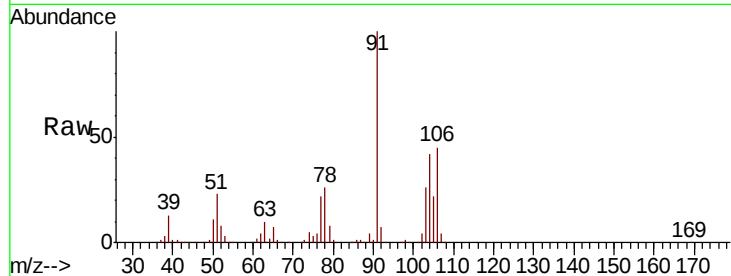
#69
o-Xylene
Concen: 19.721 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion:106 Resp: 75673
Ion Ratio Lower Upper
106 100
91 218.2 108.3 324.9

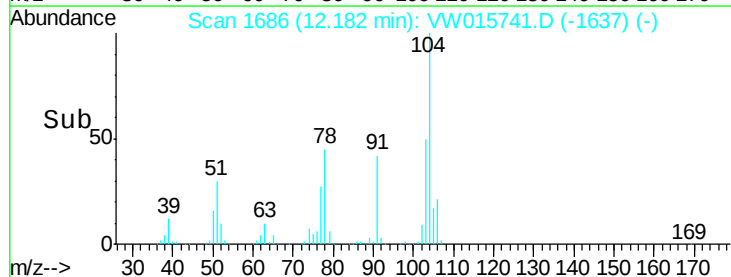
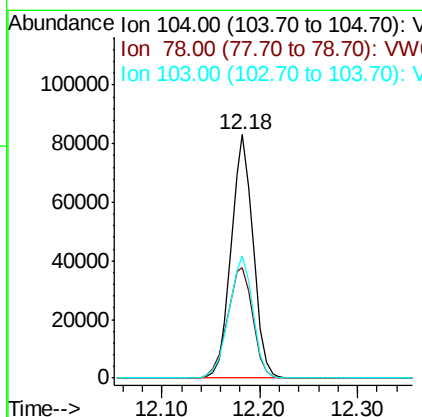
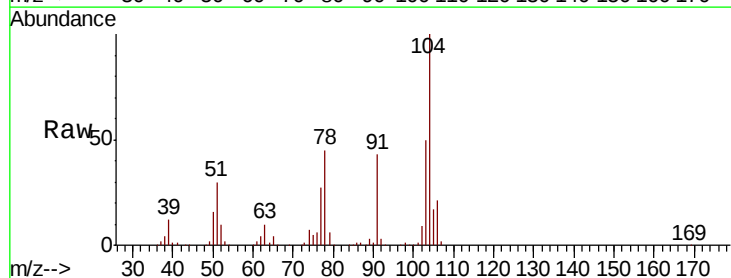
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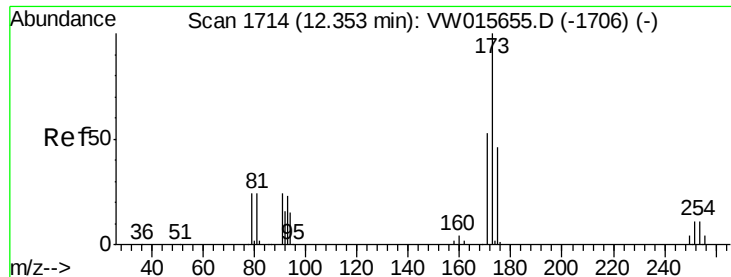
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#70
Styrene
Concen: 19.720 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion:104 Resp: 129282
Ion Ratio Lower Upper
104 100
78 52.5 40.9 61.3
103 54.8 43.1 64.7





#71

Bromoform

Concen: 18.249 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

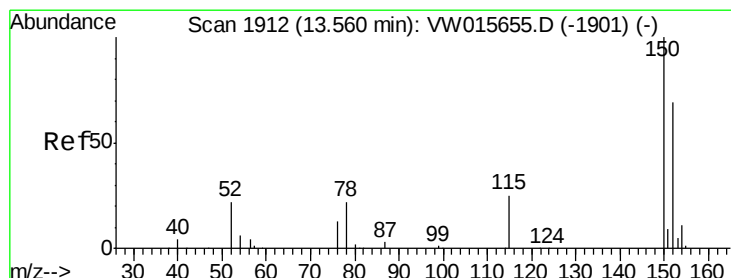
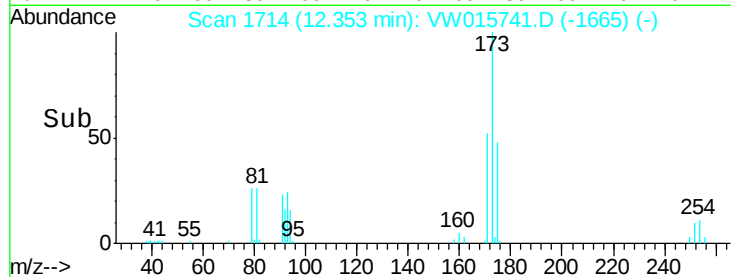
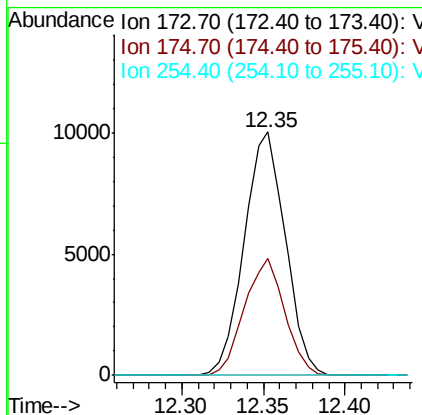
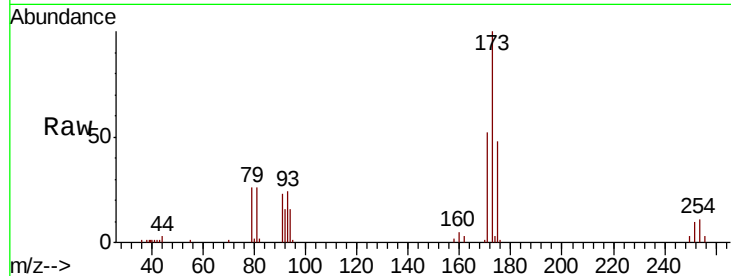
ClientSampleId :

VW0626SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.5	70.6
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

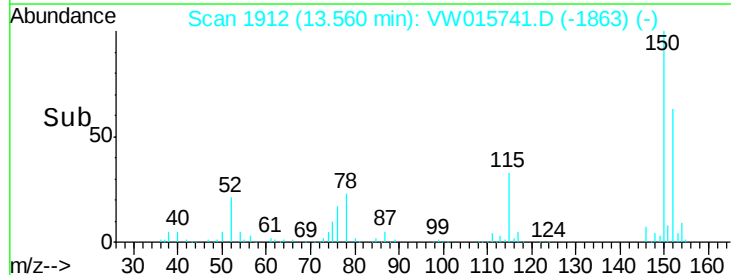
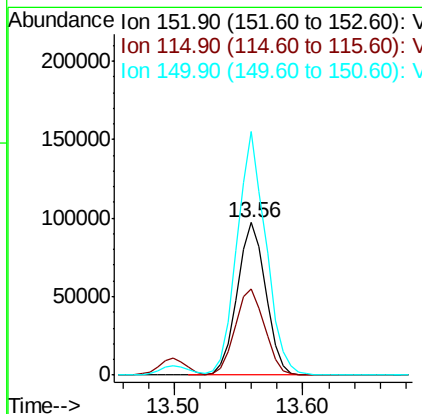
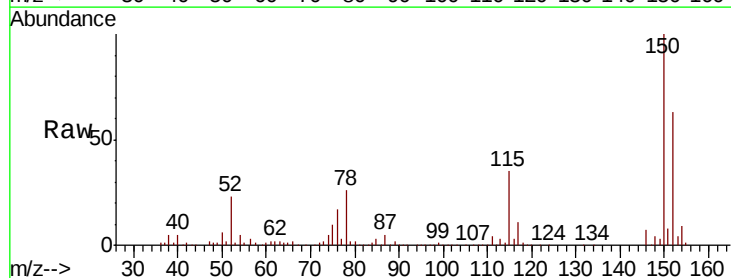
RT: 13.56 min Scan# 1912

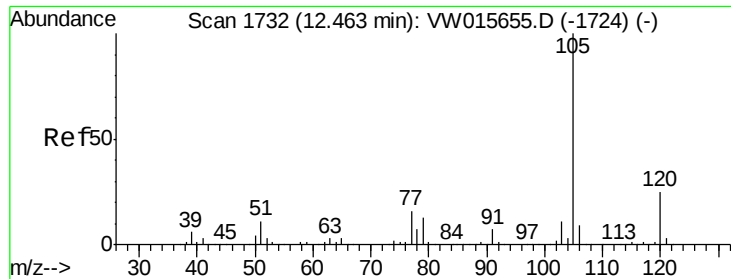
Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.1	90.5
150	161.2	0.0	345.6





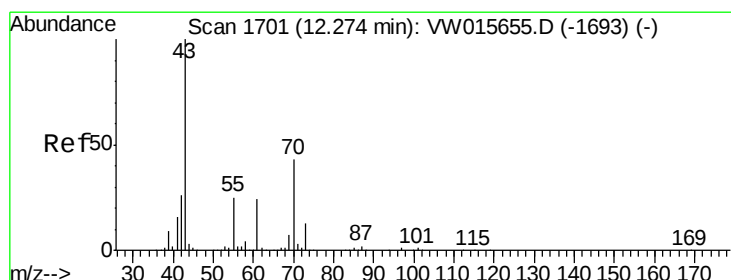
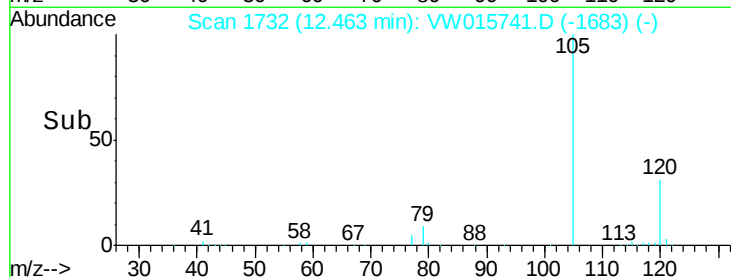
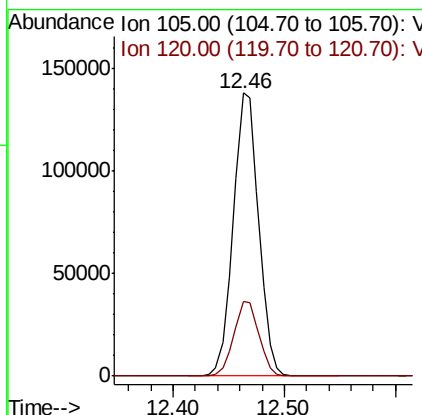
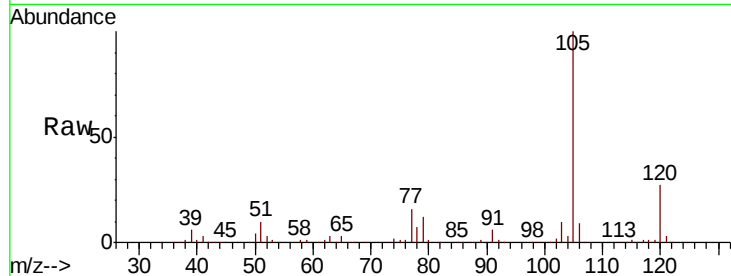
#73
Isopropylbenzene
Concen: 19.056 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 105 Resp: 216899
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

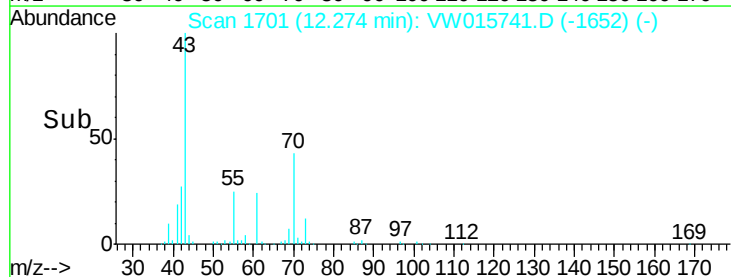
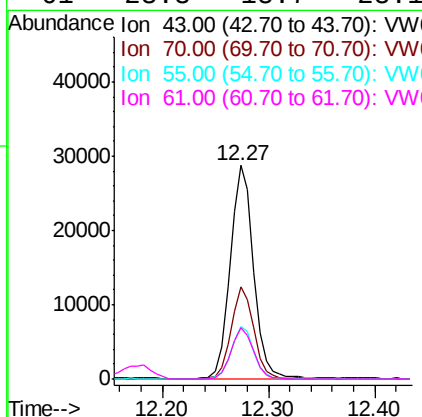
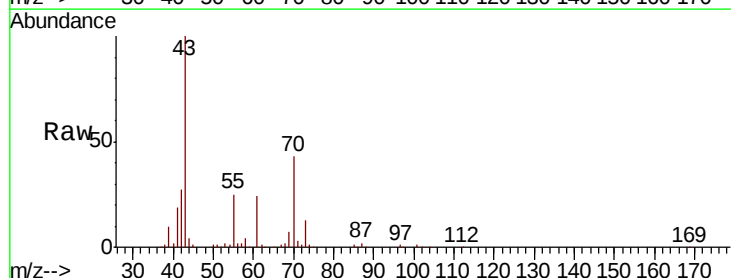
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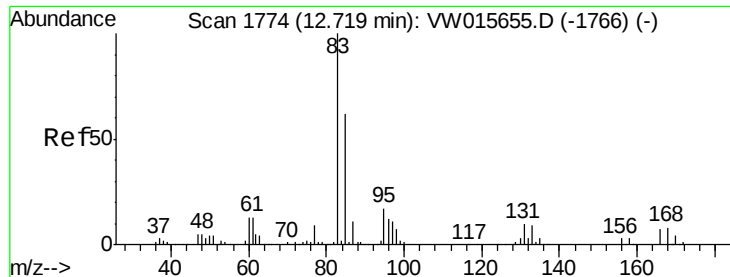
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#74
N-ethyl acetate
Concen: 18.404 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion: 43 Resp: 44407
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 24.1 19.7 29.5
61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.623 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

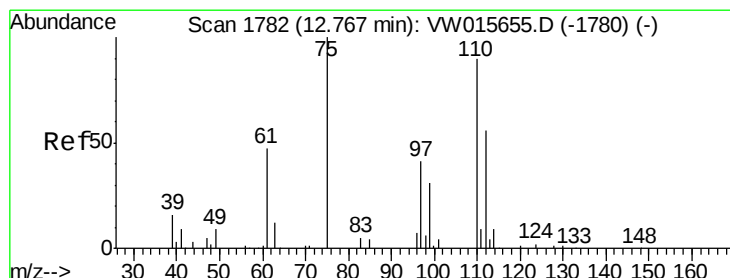
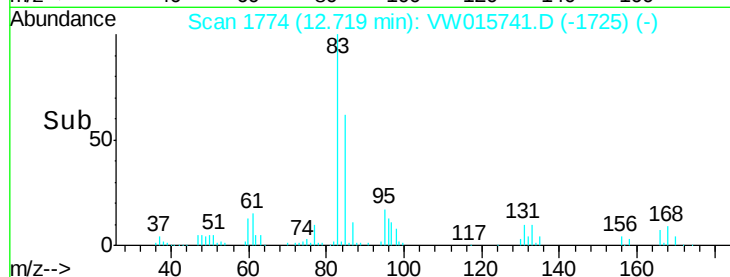
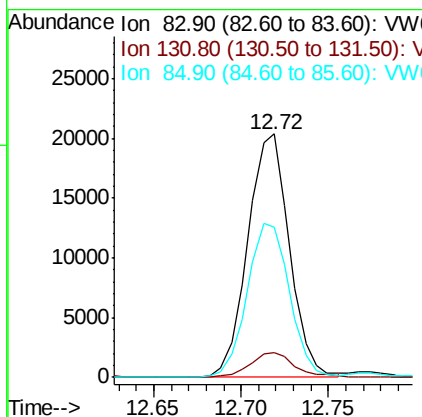
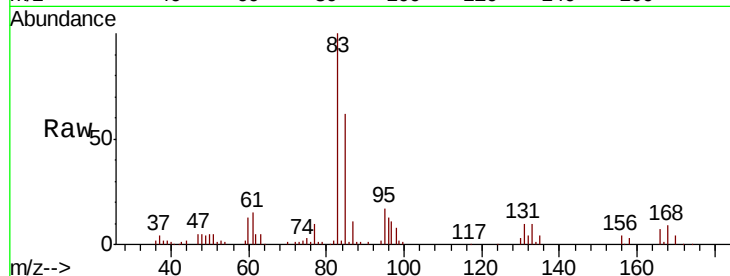
ClientSampleId :

VW0626SBS01

Tot Ion:	83	Resp:	33910
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.941 ug/l m

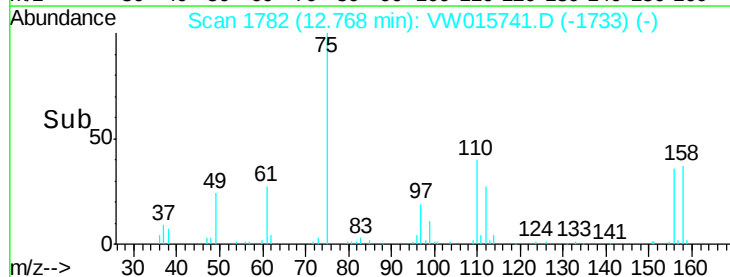
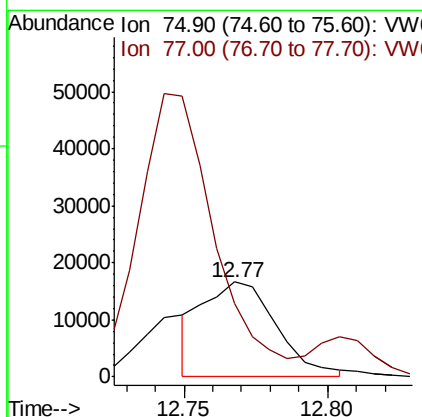
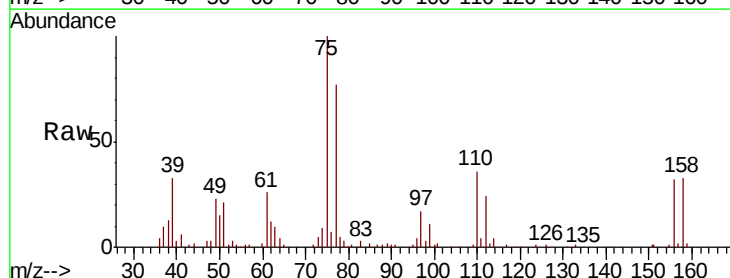
RT: 12.77 min Scan# 1782

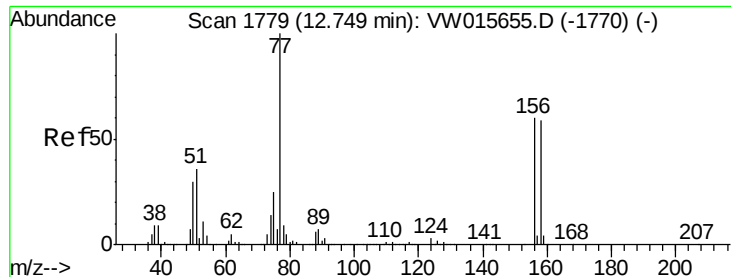
Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Tgt Ion:	75	Resp:	29861
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.1	537.1#





#77

Bromobenzene

Concen: 18.477 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion:156 Resp: 46894

Ion Ratio Lower Upper

156 100

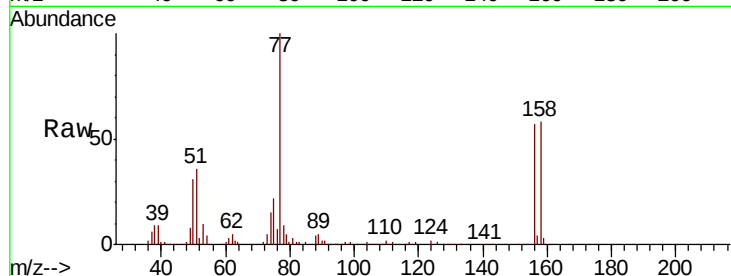
77 195.4 94.5 283.5

158 98.9 47.9 143.6

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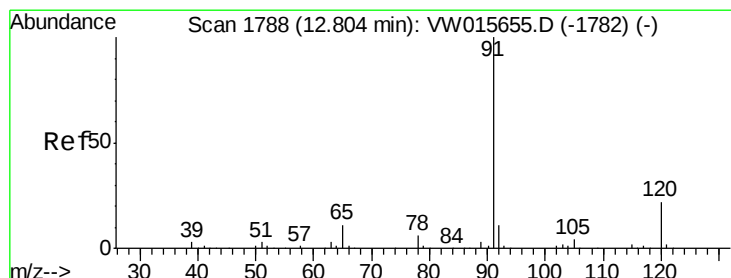
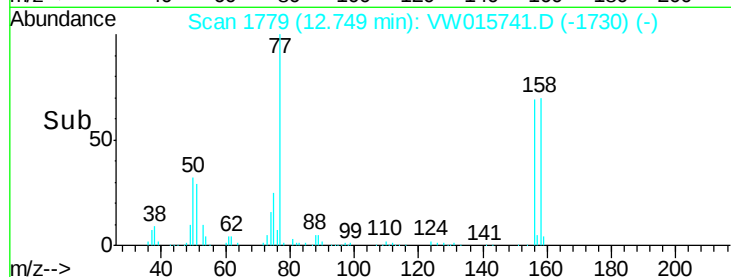
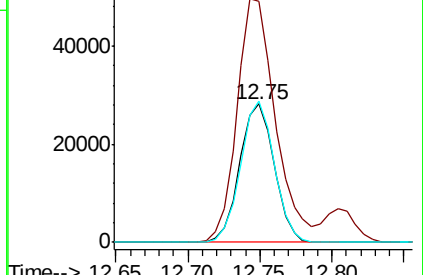
6/29/2020 12:34:02 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.061 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015741.D

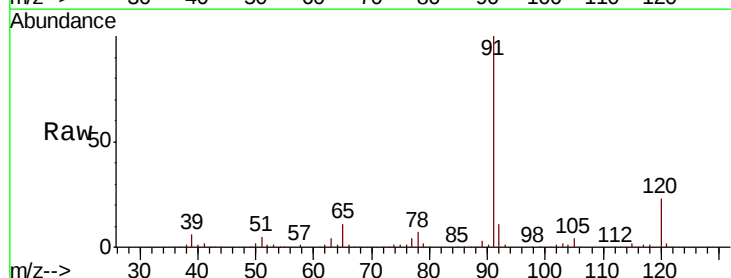
Acq: 26 Jun 2020 11:31

Tgt Ion: 91 Resp: 261151

Ion Ratio Lower Upper

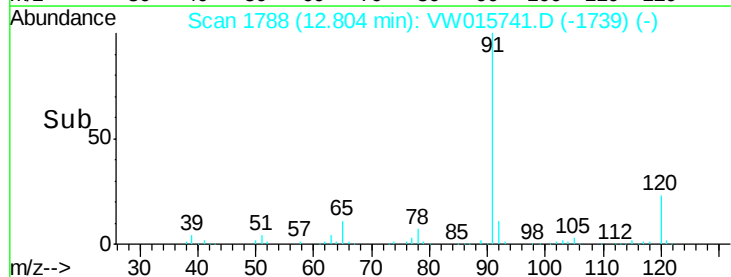
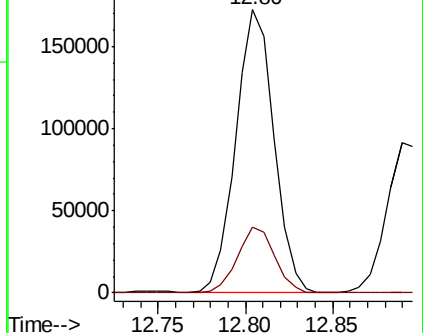
91 100

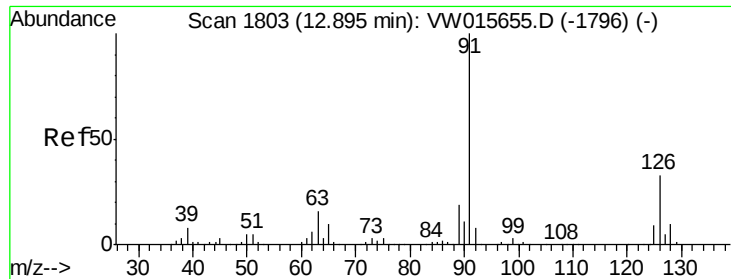
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





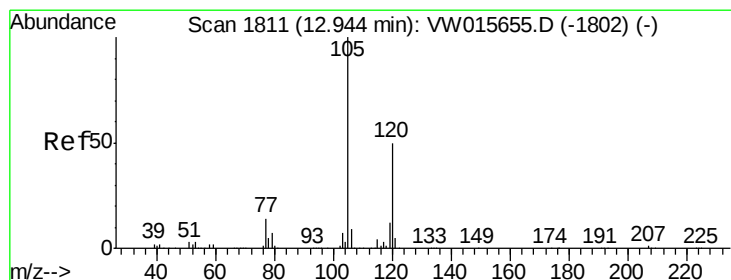
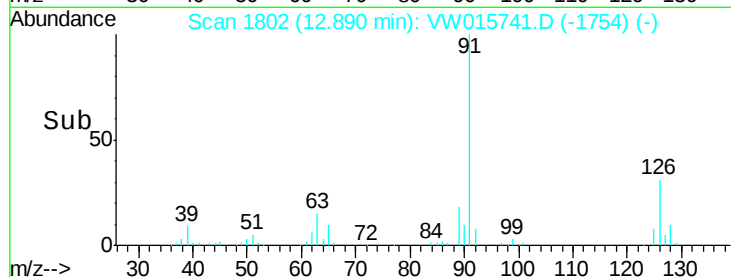
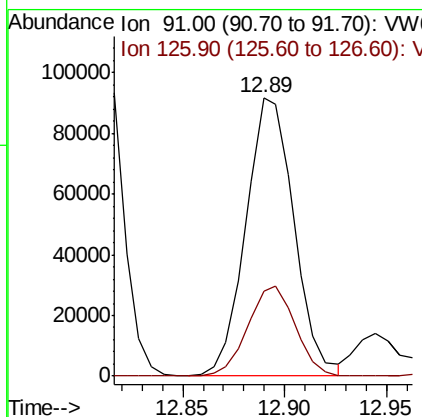
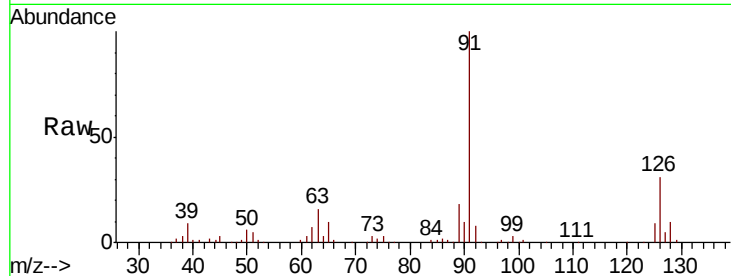
#79
2-Chlorotoluene
Concen: 19.502 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion: 91 Resp: 150443
Ion Ratio Lower Upper
91 100
126 31.9 16.6 49.8

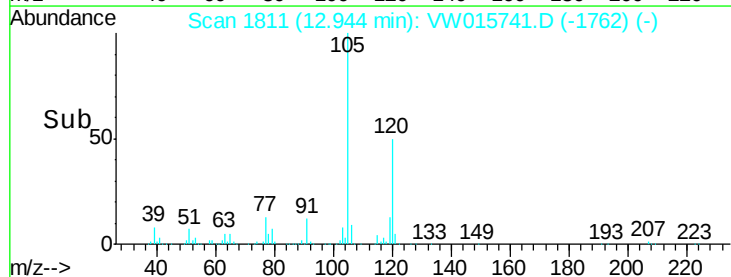
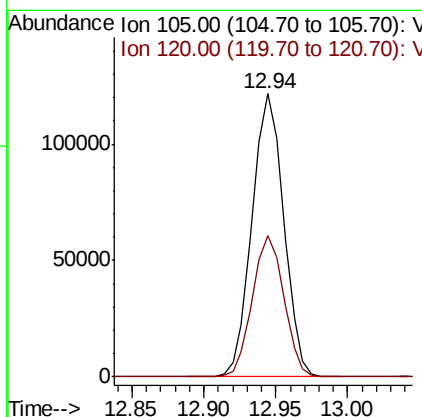
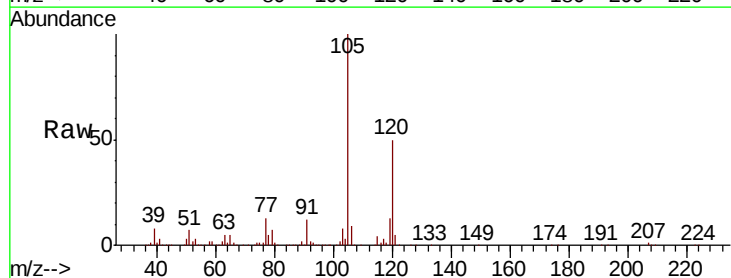
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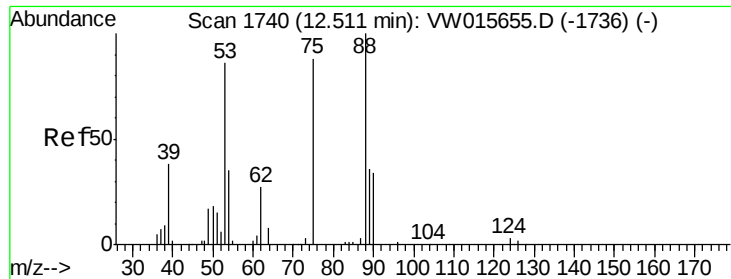
MMDadoda
6/29/2020 12:34:02 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.086 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion:105 Resp: 184077
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.031 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015741.D

Acq: 26 Jun 2020 11:31

Instrument :

MSVOA_W

ClientSampleId :

VW0626SBS01

Tot Ion: 75 Resp: 8658

Ion Ratio Lower Upper

75 100

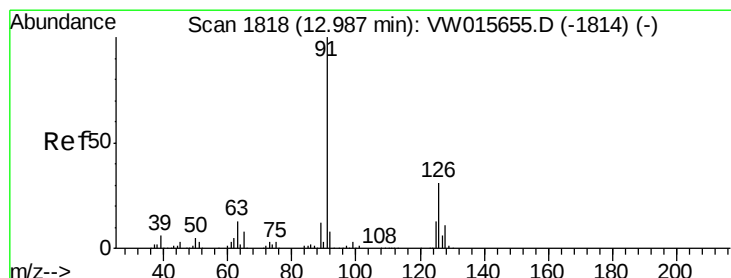
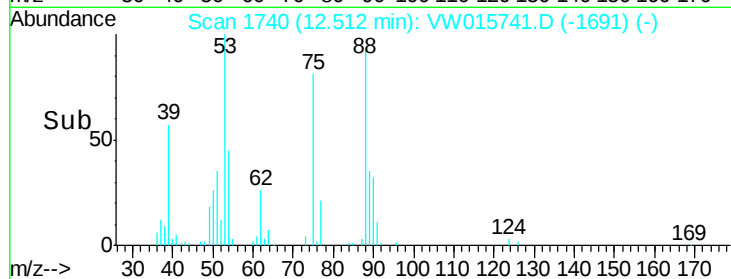
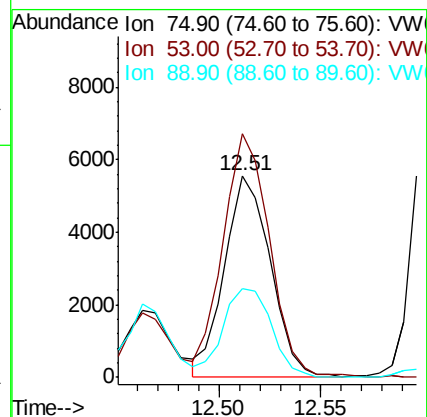
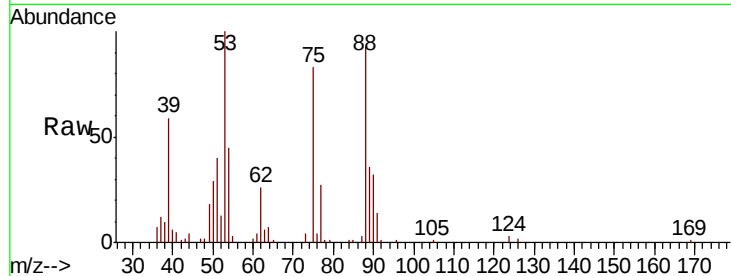
53 123.1 83.8 125.8

89 46.9 36.6 55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.175 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015741.D

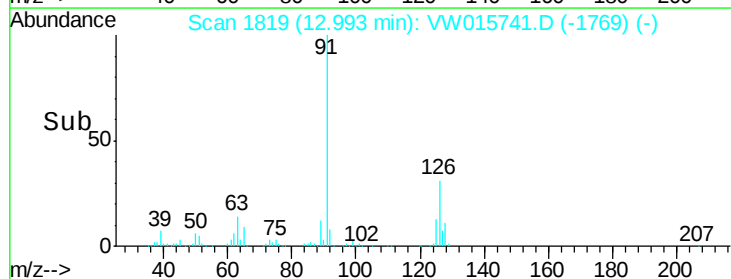
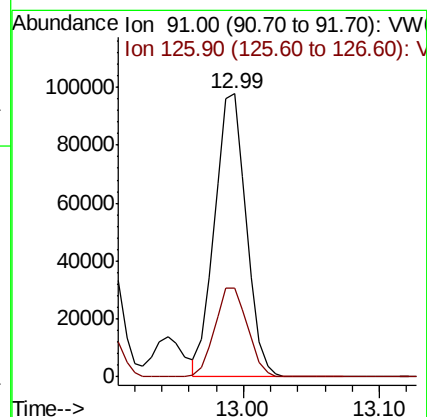
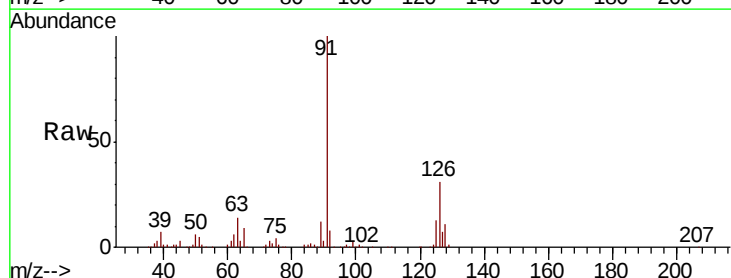
Acq: 26 Jun 2020 11:31

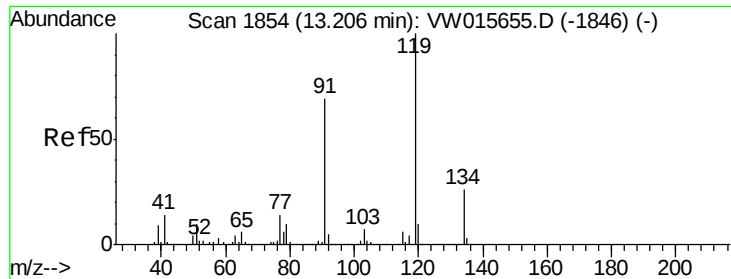
Tgt Ion: 91 Resp: 156490

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9





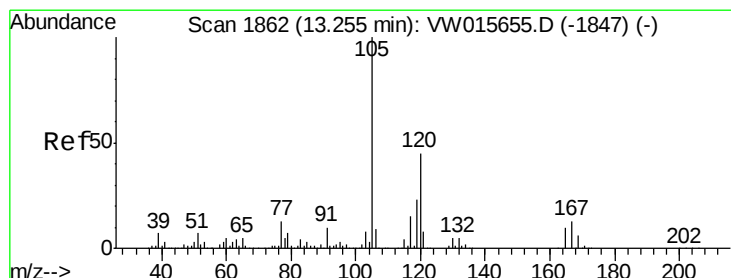
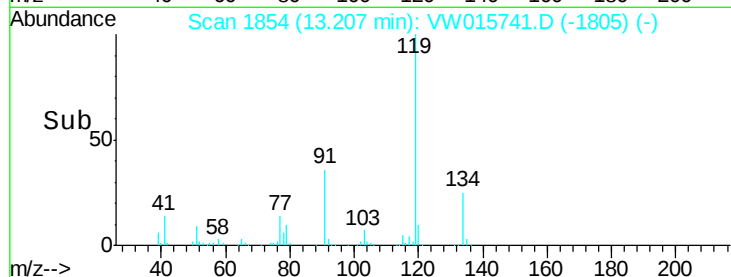
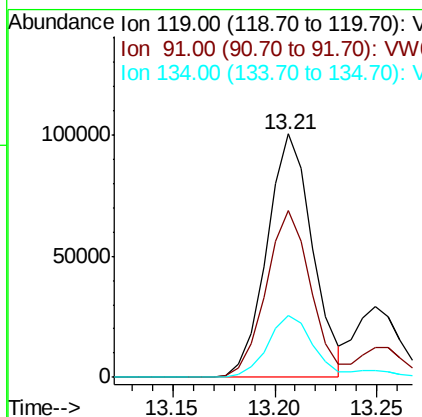
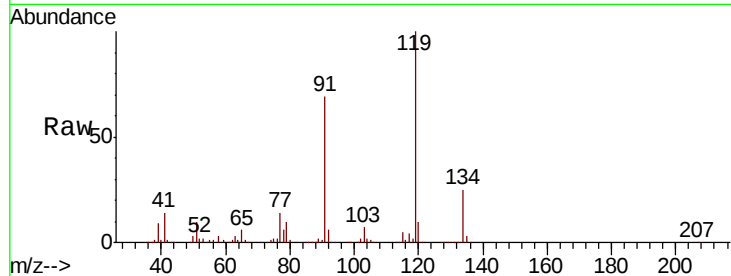
#83
tert-Butylbenzene
Concen: 19.214 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.7	104.1
134	25.3	13.8	41.4

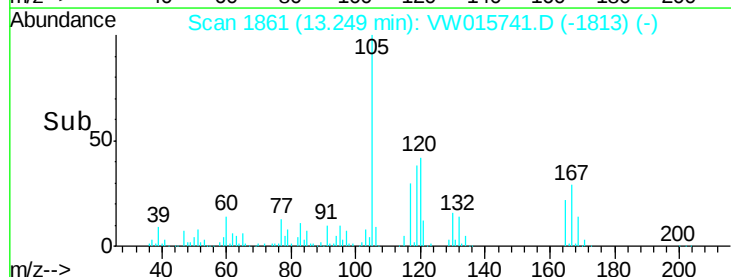
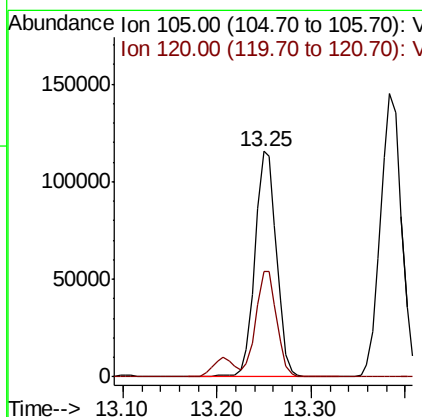
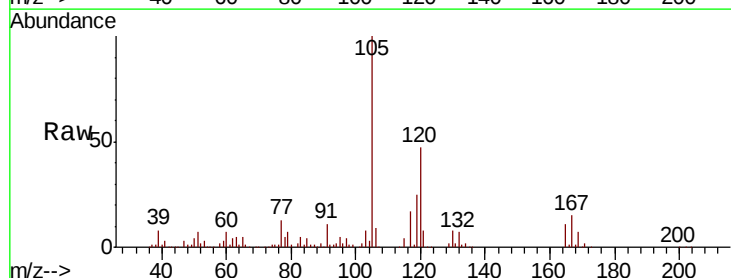
Manual Integrations
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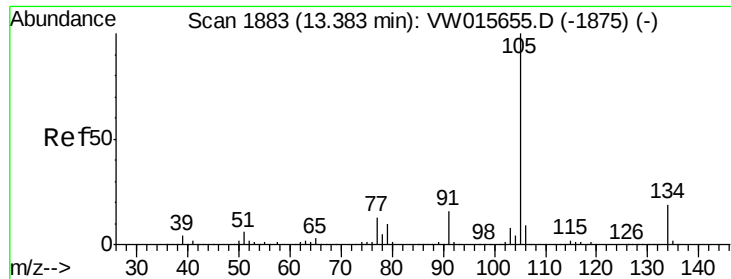
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#84
1,2,4-Trimethylbenzene
Concen: 19.475 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3





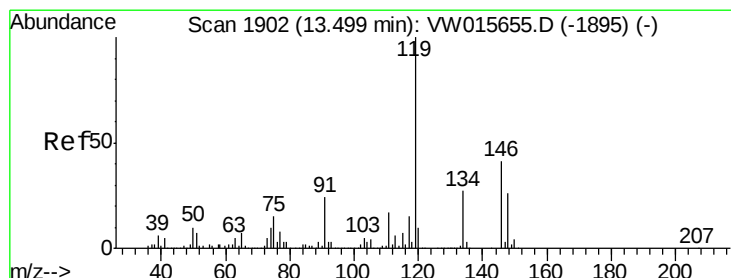
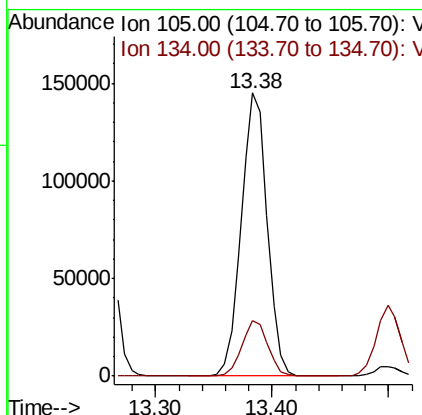
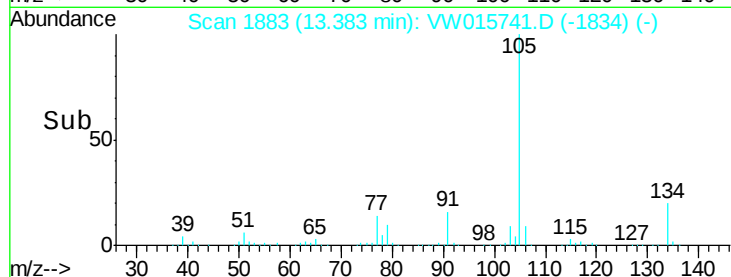
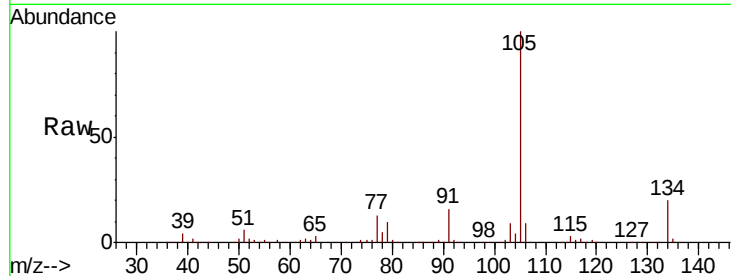
#85
 sec-Butylbenzene
 Concen: 19.377 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.0	29.8

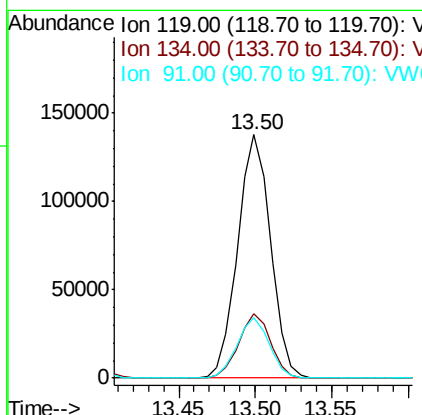
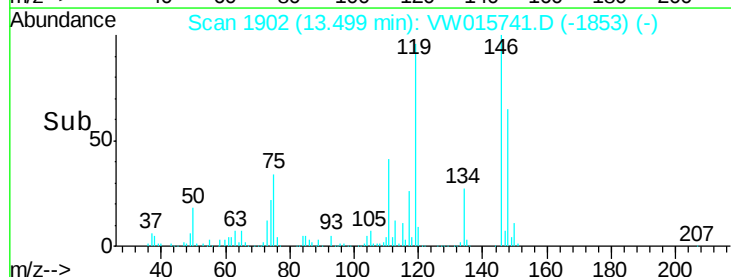
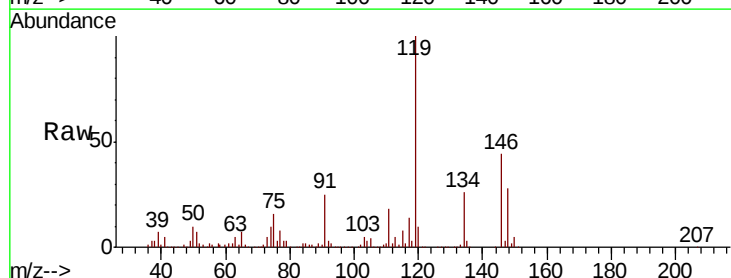
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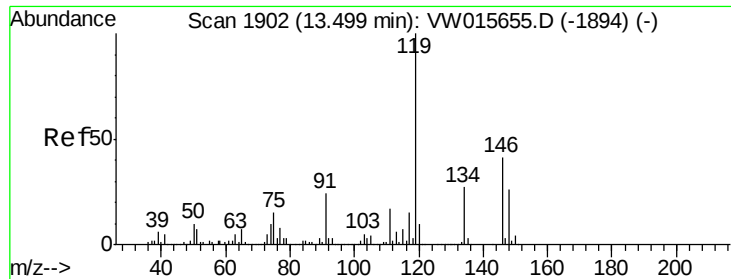
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#86
 p-Isopropyltoluene
 Concen: 19.361 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.5	40.4
91	24.5	12.3	36.8





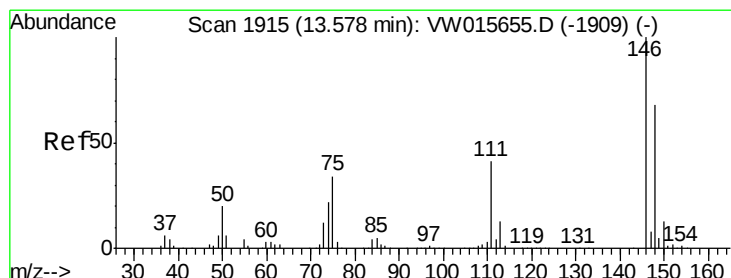
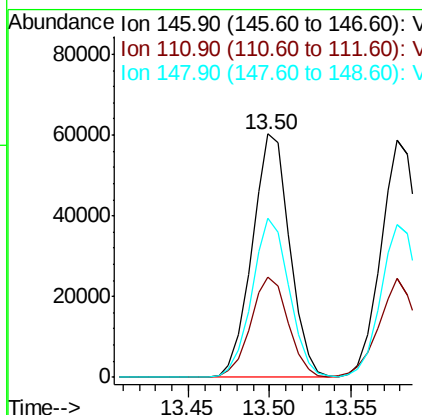
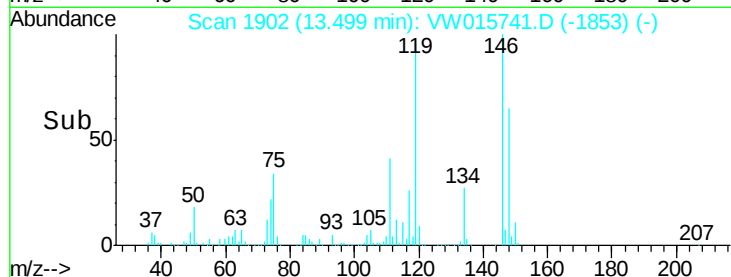
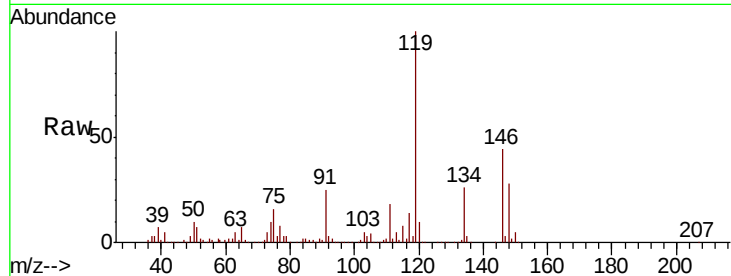
#87
 1,3-Dichlorobenzene
 Concen: 19.119 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	60.8
148	64.7	31.6	94.7

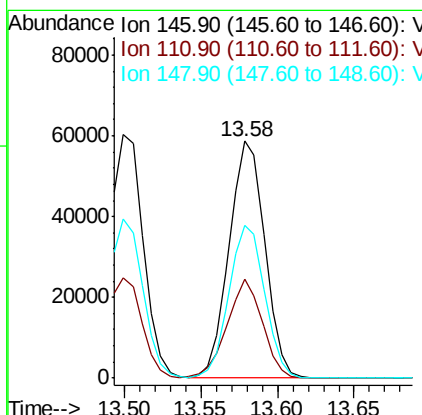
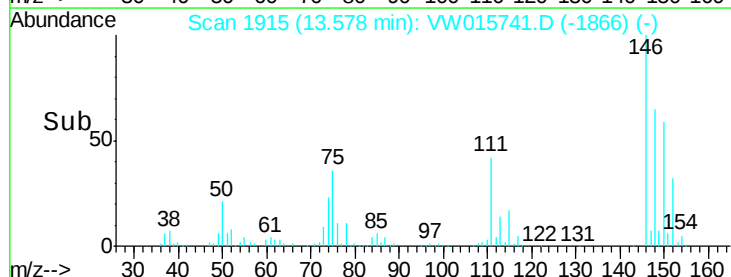
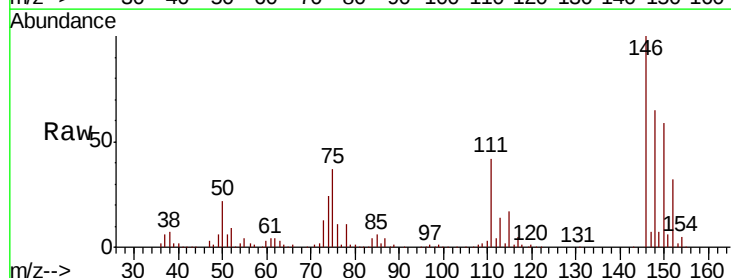
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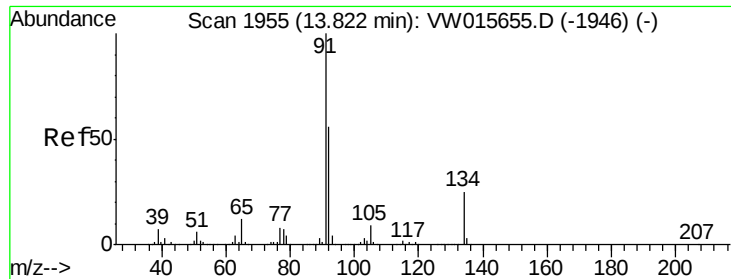
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#88
 1,4-Dichlorobenzene
 Concen: 19.095 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.9
148	64.5	33.7	101.1





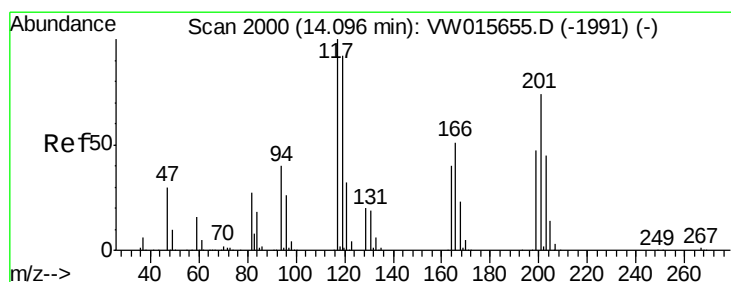
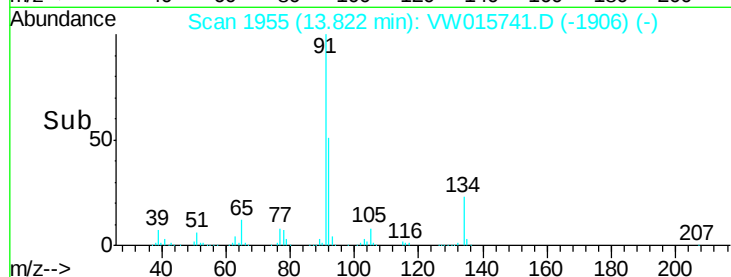
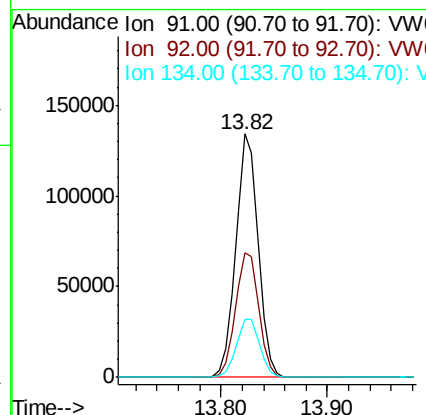
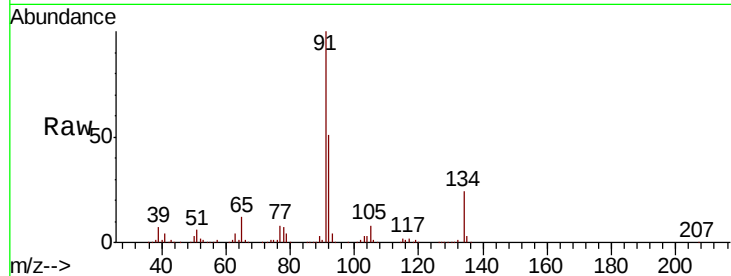
#89
n-Butylbenzene
Concen: 19.499 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	198061		
92	53.3		27.5	82.4
134	25.0		13.0	38.9

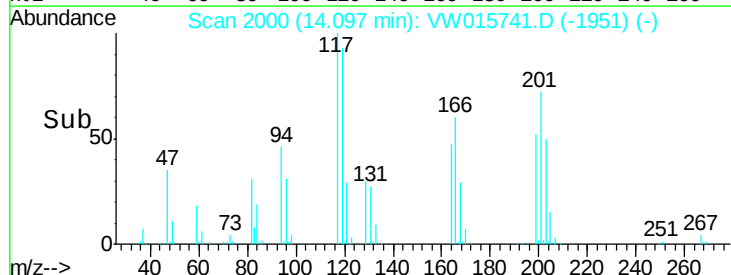
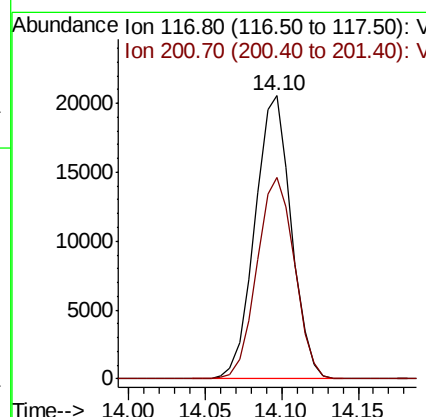
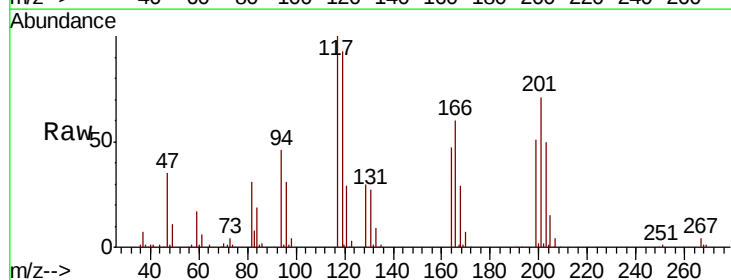
Manual Integrations
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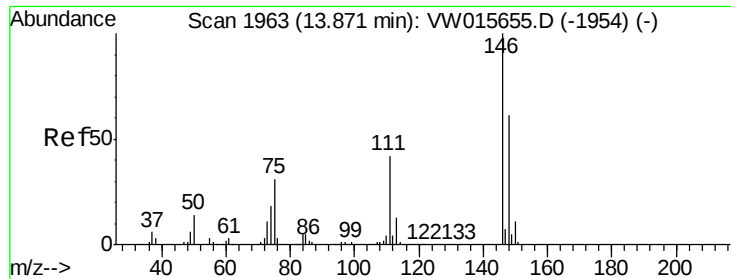
MMDadoda
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#90
Hexachloroethane
Concen: 18.044 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33977		
201	73.6		37.1	111.5





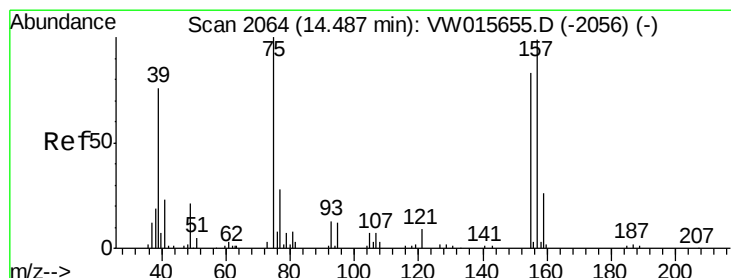
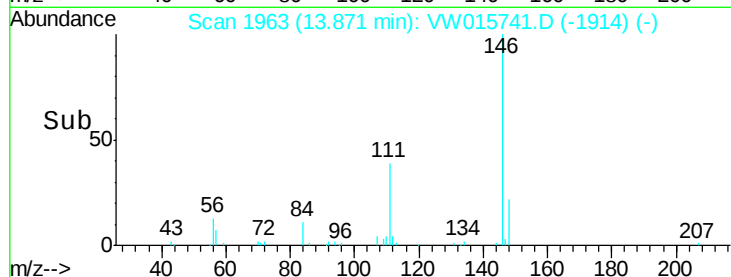
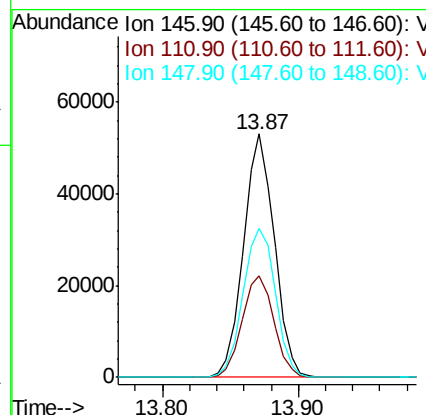
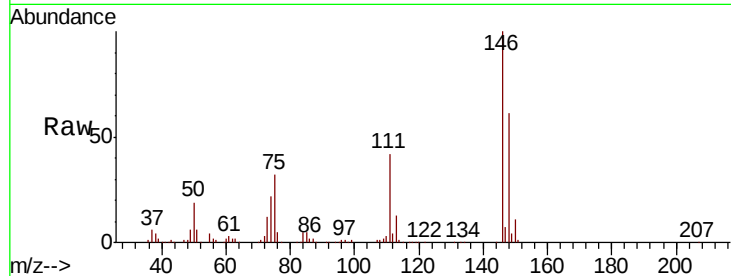
#91
 1,2-Dichlorobenzene
 Concen: 19.280 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.7
148	64.2	32.2	96.6

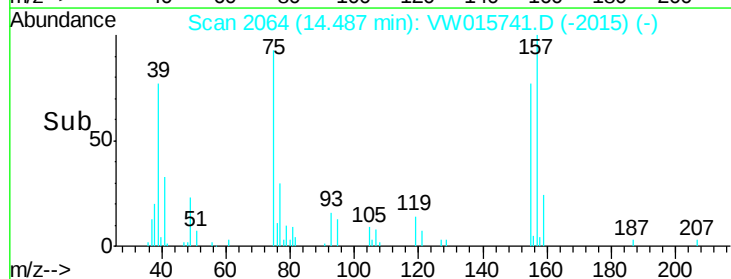
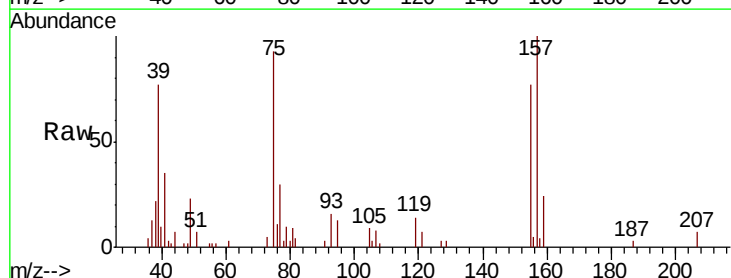
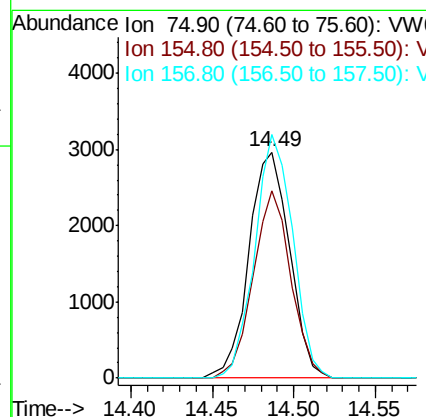
Manual Integrations
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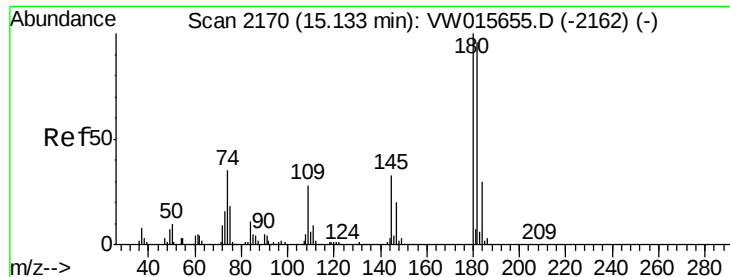
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.621 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015741.D
 Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	40.8	122.2
157	100.4	50.7	152.1





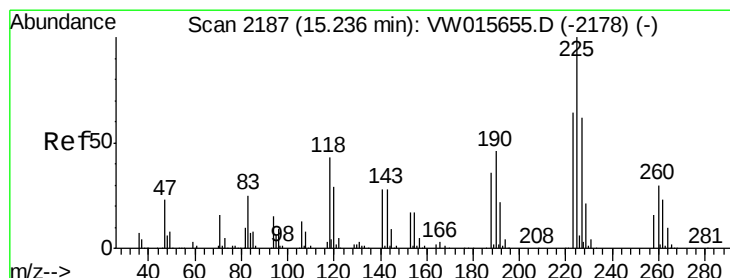
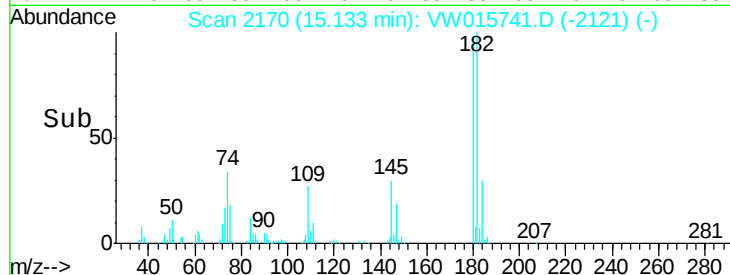
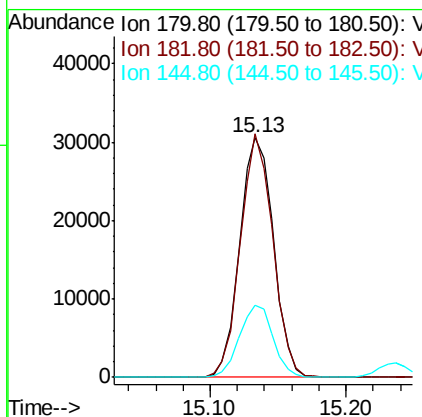
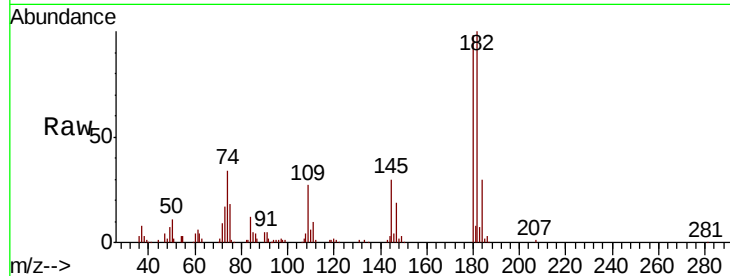
#93
1,2,4-Trichlorobenzene
Concen: 18.450 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.2	47.9	143.6	
145	30.0	15.6	46.7	

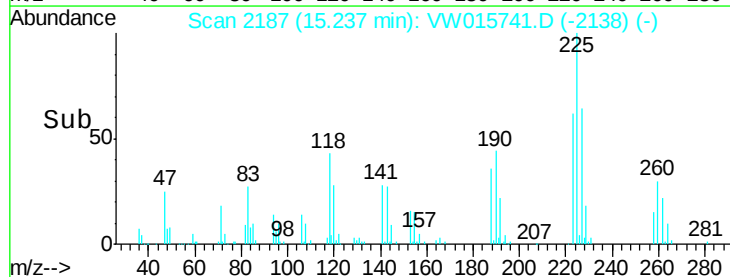
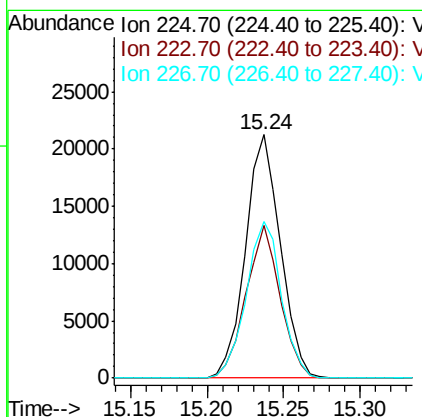
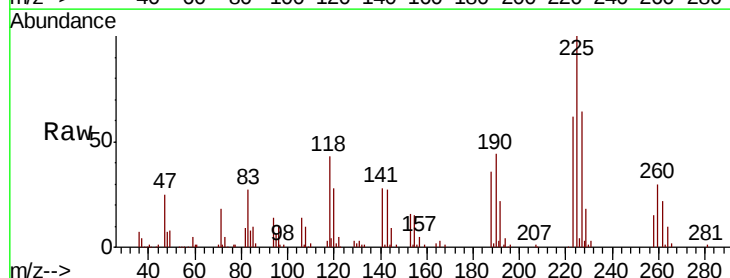
Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:34:02 PM



#94
Hexachlorobutadiene
Concen: 18.412 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	31.0	93.0	
227	65.1	31.9	95.9	





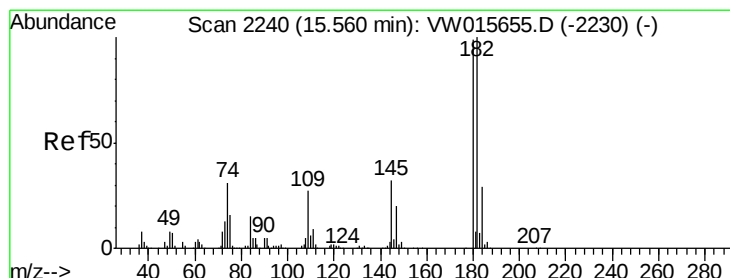
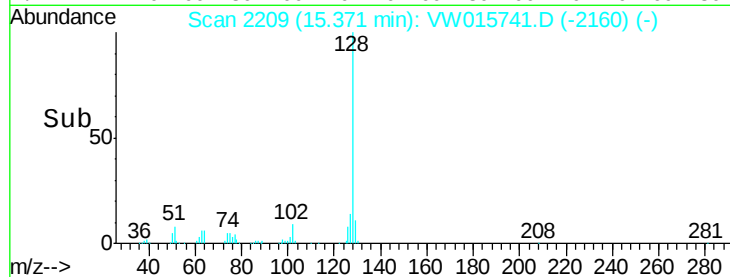
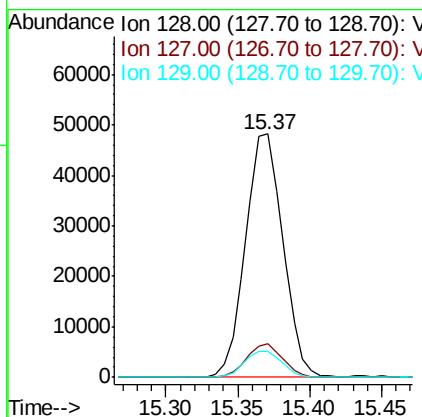
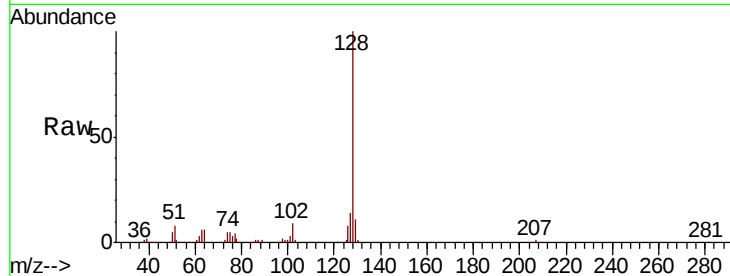
#95
Naphthalene
Concen: 18.273 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Instrument :
MSVOA_W
ClientSampleId :
VW0626SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:34:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.374 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015741.D
Acq: 26 Jun 2020 11:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	49.0	147.0
145	31.8	16.4	49.2

