

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015719.D
 Acq On : 25 Jun 2020 11:03
 Operator : SY/VA
 Sample : VW0625SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:21:18 AM

Quant Time: Jun 26 02:07:50 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	187757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	297143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105110	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.88	113	94321	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.32	98	374429	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	138950	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	23388	20.891	ug/l	89
3) Chloromethane	2.21	50	27530	20.942	ug/l	95
4) Vinyl Chloride	2.37	62	45823	21.561	ug/l	99
5) Bromomethane	2.78	94	37063	23.727	ug/l	98
6) Chloroethane	2.93	64	31688	22.657	ug/l	100
7) Trichlorofluoromethane	3.26	101	33768	21.161	ug/l	97
8) Diethyl Ether	3.68	74	19570	21.235	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39336	20.913	ug/l	99
10) Methyl Iodide	4.27	142	54466	20.479	ug/l	100
11) Tert butyl alcohol	5.23	59	14131m	102.369	ug/l	
12) 1,1-Dichloroethene	4.04	96	38043	20.771	ug/l	97
13) Acrolein	3.90	56	13446	92.654	ug/l	99
14) Allyl chloride	4.67	41	59582	20.052	ug/l	99
15) Acrylonitrile	5.37	53	38323	100.788	ug/l	99
16) Acetone	4.14	43	38683	97.405	ug/l	95
17) Carbon Disulfide	4.38	76	100026	18.976	ug/l	99
18) Methyl Acetate	4.68	43	18592	19.831	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	57413	20.829	ug/l	99
20) Methylene Chloride	4.92	84	52128	24.629	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	42897	20.429	ug/l	96
22) Diisopropyl ether	6.32	45	120796	20.440	ug/l	96
23) Vinyl Acetate	6.26	43	345936	100.377	ug/l	100
24) 1,1-Dichloroethane	6.22	63	77629	20.867	ug/l	99
25) 2-Butanone	7.18	43	52715	98.213	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49867	19.986	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	46636	20.646	ug/l	98
28) Bromochloromethane	7.51	49	30529	21.334	ug/l	98
29) Tetrahydrofuran	7.54	42	31019	98.345	ug/l	99
30) Chloroform	7.68	83	79646	20.876	ug/l	96
31) Cyclohexane	7.96	56	72216	20.068	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	66489	20.445	ug/l	98
36) 1,1-Dichloropropene	8.09	75	64558	20.889	ug/l	100
37) Ethyl Acetate	7.26	43	24514	20.774	ug/l	99
38) Carbon Tetrachloride	8.07	117	60533	20.206	ug/l	94

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 Misc : 5.00G/5ML/MSVOA W/SOIL
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Manual Integrations
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Quant Time: Jun 26 02:07:50 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76658	20.478	ug/l	98
40) Benzene	8.32	78	174027	20.709	ug/l	99
41) Methacrylonitrile	7.49	41	13829	20.419	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54578	20.994	ug/l	99
43) Isopropyl Acetate	8.43	43	46805	19.876	ug/l	100
44) Trichloroethene	9.09	130	46348	20.462	ug/l	90
45) 1,2-Dichloropropane	9.37	63	42798	20.836	ug/l	99
46) Dibromomethane	9.46	93	21589	20.314	ug/l	98
47) Bromodichloromethane	9.65	83	55659	20.078	ug/l	99
48) Methyl methacrylate	9.44	41	21548	20.014	ug/l	100
49) 1,4-Dioxane	9.47	88	5929	425.267	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	113526	99.966	ug/l	99
52) Toluene	10.39	92	114911	21.177	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	51647	19.285	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63850	19.957	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30381	20.560	ug/l	97
56) Ethyl methacrylate	10.65	69	37129	20.195	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54541	20.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92106	105.862	ug/l	99
59) 2-Hexanone	10.97	43	77378	100.082	ug/l	99
60) Dibromochloromethane	11.13	129	34438	19.999	ug/l	99
61) 1,2-Dibromoethane	11.24	107	29092	20.597	ug/l	98
64) Tetrachloroethene	10.87	164	39723	20.529	ug/l	99
65) Chlorobenzene	11.66	112	120710	20.786	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	40977	20.125	ug/l	98
67) Ethyl Benzene	11.73	91	223594	20.689	ug/l	100
68) m/p-Xylenes	11.84	106	166970	41.144	ug/l	97
69) o-Xylene	12.17	106	76779	20.577	ug/l	98
70) Styrene	12.18	104	133588	20.955	ug/l	100
71) Bromoform	12.35	173	17457	18.634	ug/l #	99
73) Isopropylbenzene	12.47	105	219370	19.766	ug/l	99
74) N-amyl acetate	12.27	43	44338	18.846	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	34224	19.276	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	25701m	19.367	ug/l	
77) Bromobenzene	12.75	156	47967	19.383	ug/l	98
78) n-propylbenzene	12.80	91	266104	19.920	ug/l	100
79) 2-Chlorotoluene	12.90	91	151466	20.137	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	189588	20.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	8762	16.639	ug/l	89
82) 4-Chlorotoluene	12.99	91	159229	20.010	ug/l	99
83) tert-Butylbenzene	13.21	119	157392	19.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	192373	20.513	ug/l	99
85) sec-Butylbenzene	13.38	105	230945	20.337	ug/l	99
86) p-Isopropyltoluene	13.50	119	211762	20.525	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102690	20.903	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98977	20.342	ug/l	97
89) n-Butylbenzene	13.83	91	201944	20.389	ug/l	99
90) Hexachloroethane	14.10	117	34839	18.974	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	86308	20.319	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5514	19.394	ug/l	94

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

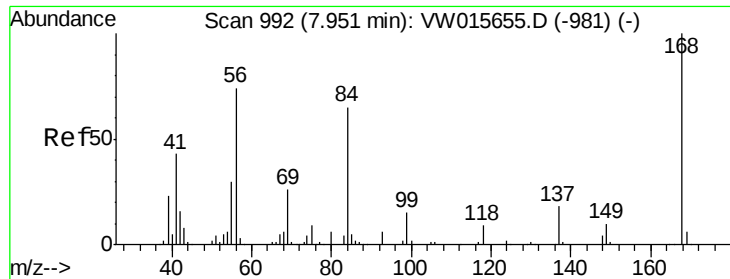
Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56577	20.170	ug/l	99
94) Hexachlorobutadiene	15.24	225	36141	20.225	ug/l	99
95) Naphthalene	15.37	128	92043	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	49910	20.666	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion:168 Resp: 187757

Ion Ratio Lower Upper

168 100

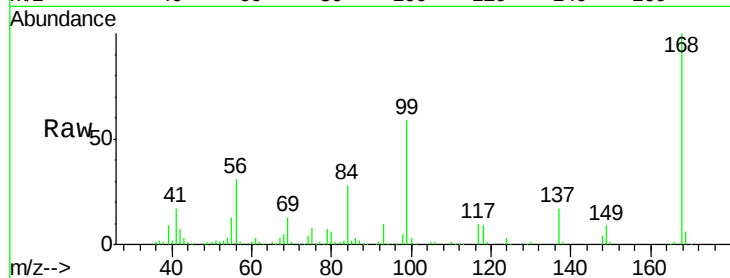
99 59.3 48.6 73.0

Manual Integrations

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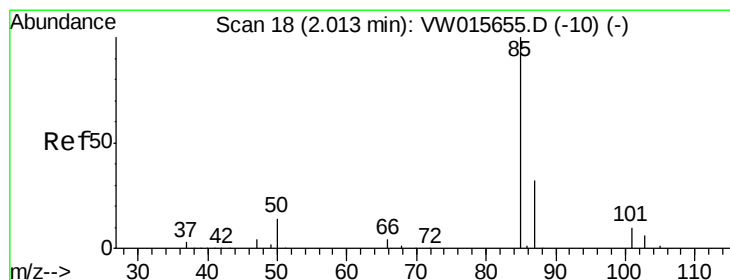
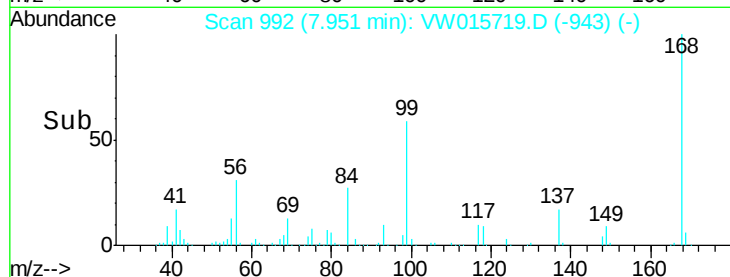
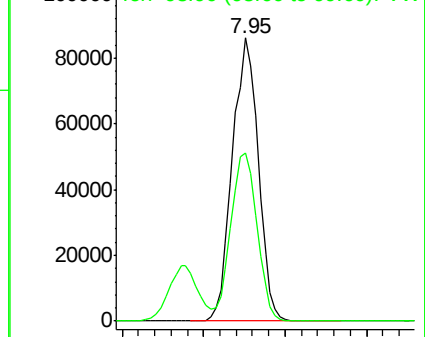
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.891 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015719.D

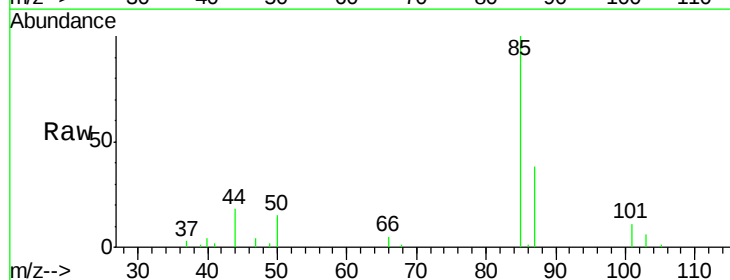
Acq: 25 Jun 2020 11:03

Tgt Ion: 85 Resp: 23388

Ion Ratio Lower Upper

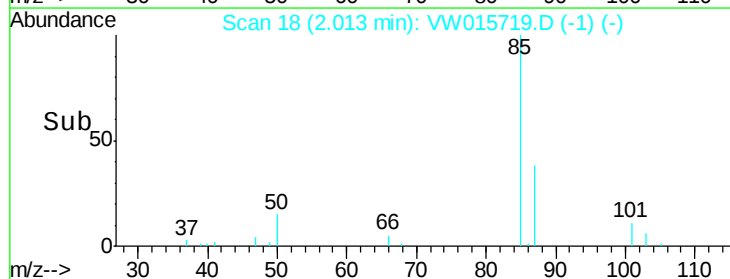
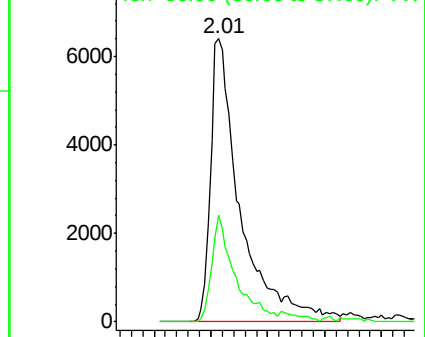
85 100

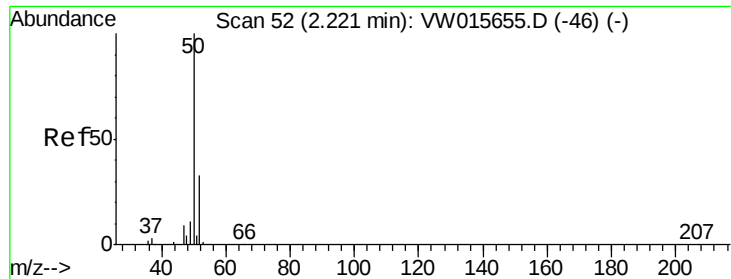
87 37.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.942 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 50 Resp: 27530

Ion Ratio Lower Upper

50 100

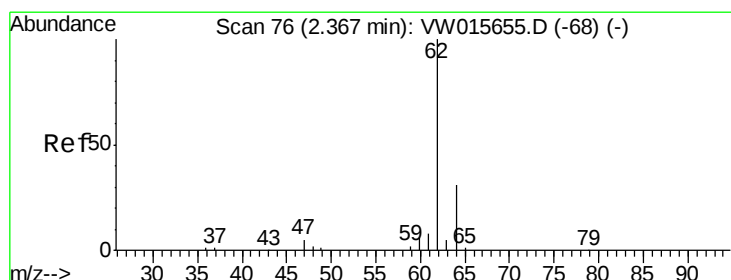
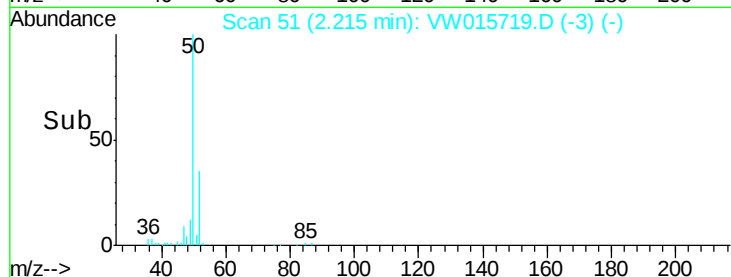
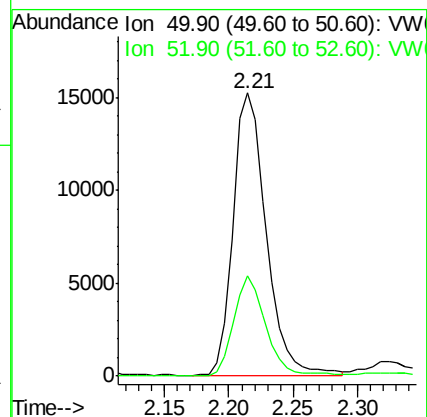
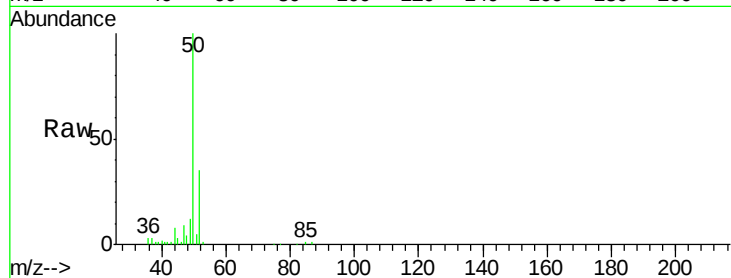
52 35.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.561 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015719.D

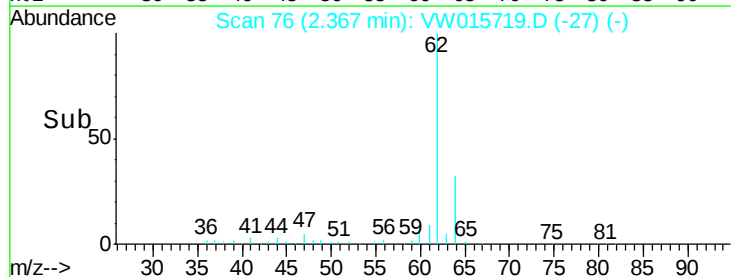
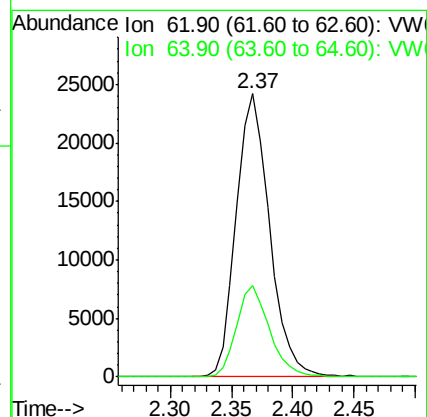
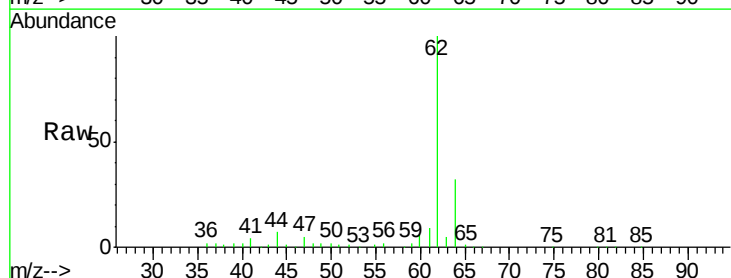
Acq: 25 Jun 2020 11:03

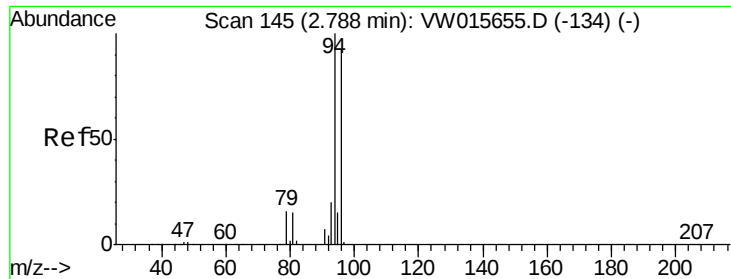
Tgt Ion: 62 Resp: 45823

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 23.727 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 94 Resp: 37063

Ion Ratio Lower Upper

94 100

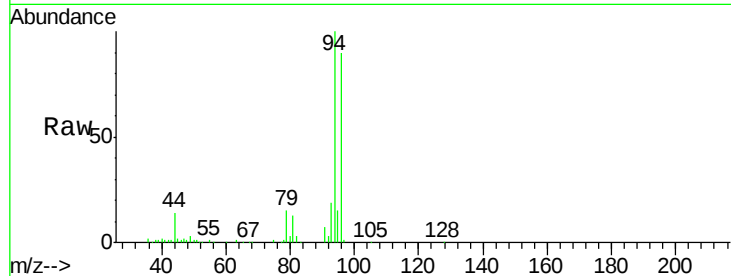
96 90.5 73.8 110.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

20000

15000

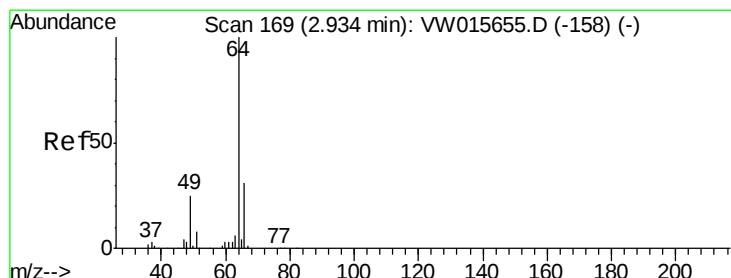
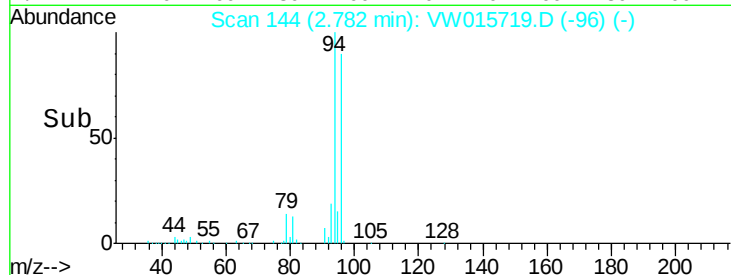
10000

5000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 22.657 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015719.D

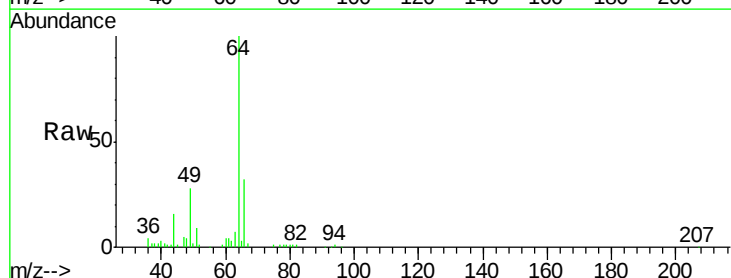
Acq: 25 Jun 2020 11:03

Tgt Ion: 64 Resp: 31688

Ion Ratio Lower Upper

64 100

66 31.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

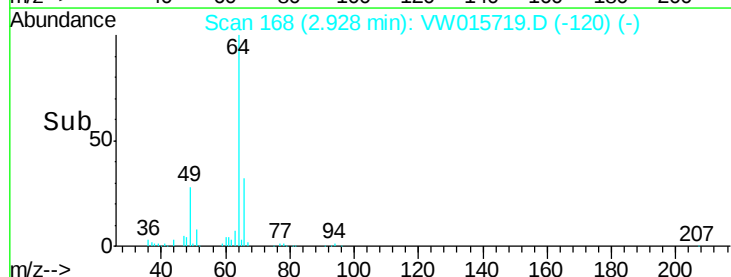
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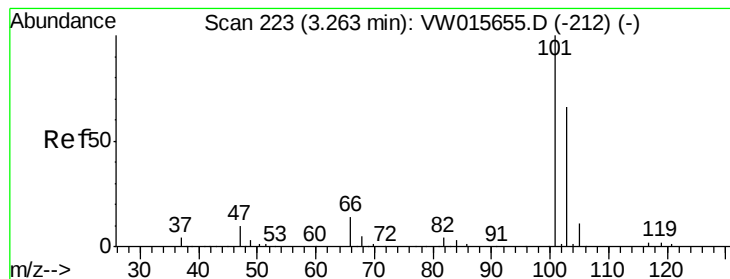
5000

0

Time-->

2.80 2.90 3.00 3.10





#7

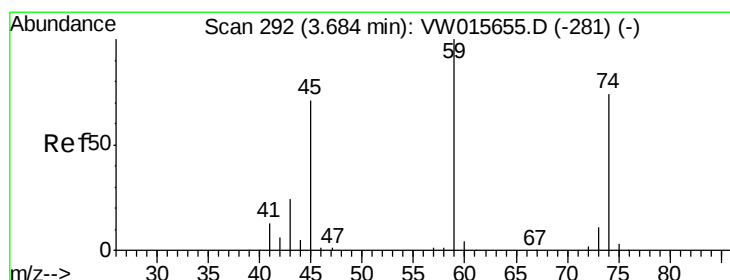
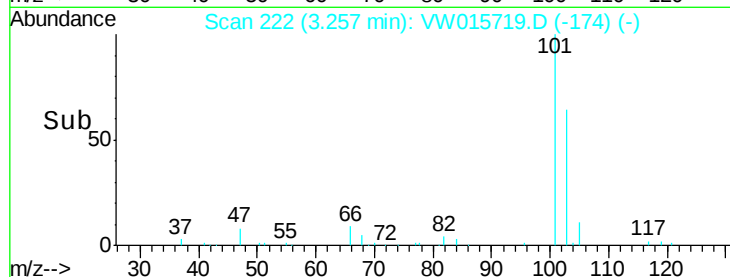
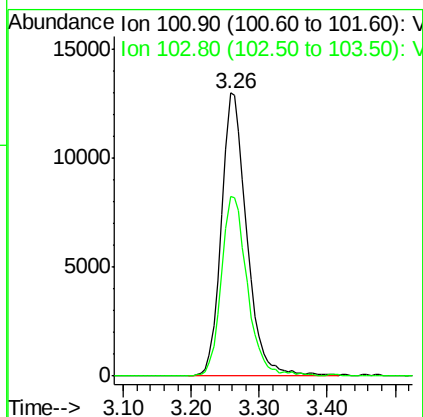
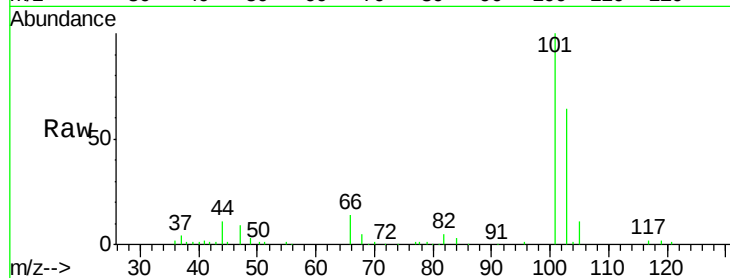
Trichlorofluoromethane
 Concen: 21.161 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
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 ClientSampleId :
 VW0625SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.6	78.8

Manual Integrations
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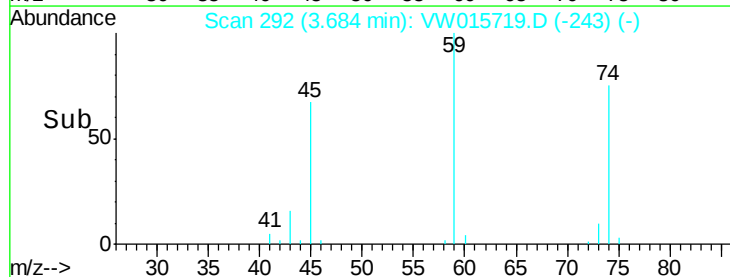
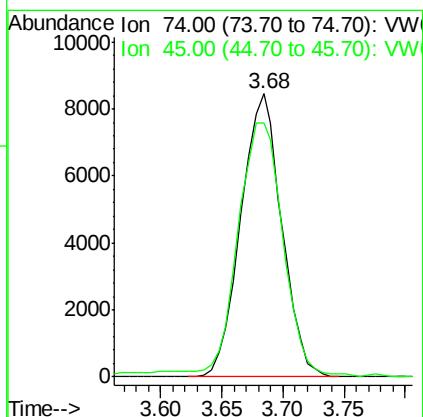
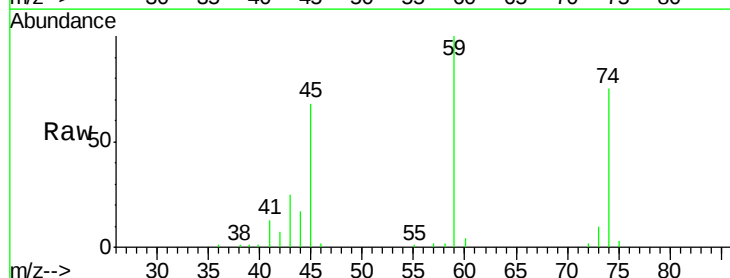
MMDadoda
 6/26/2020 11:21:18 AM

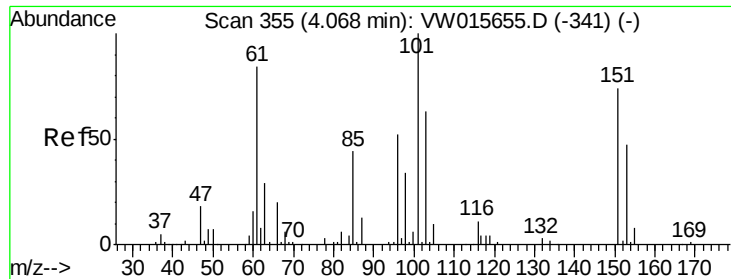


#8

Diethyl Ether
 Concen: 21.235 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.913 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

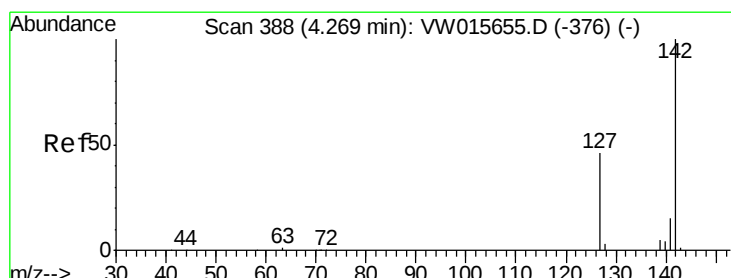
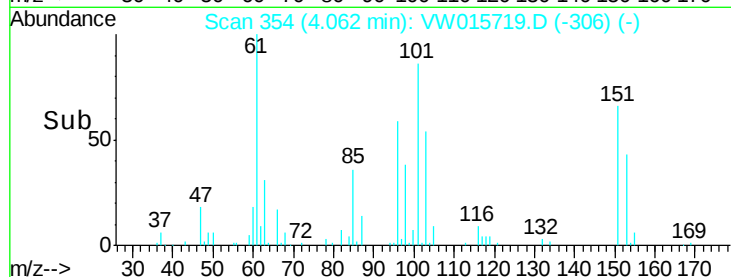
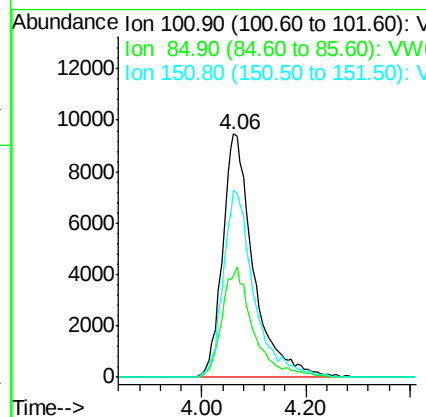
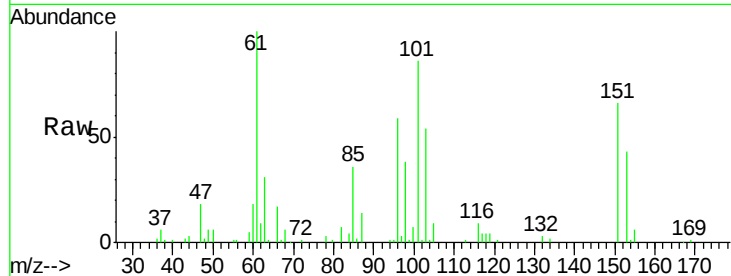
ClientSampleId :

VW0625SBSD01

Tot Ion:	101	Resp:	39336
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	55.0
151	76.1	60.4	90.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.479 ug/l

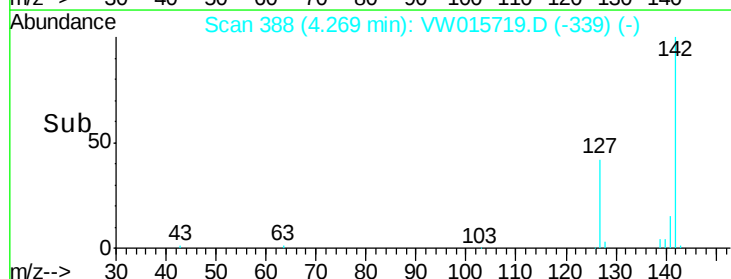
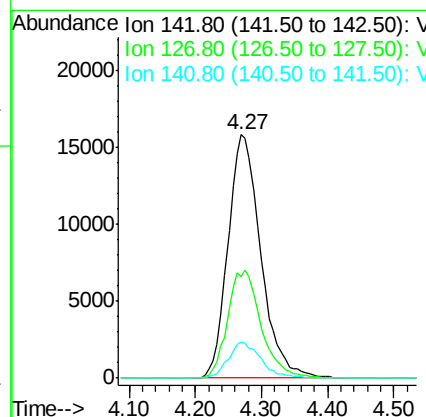
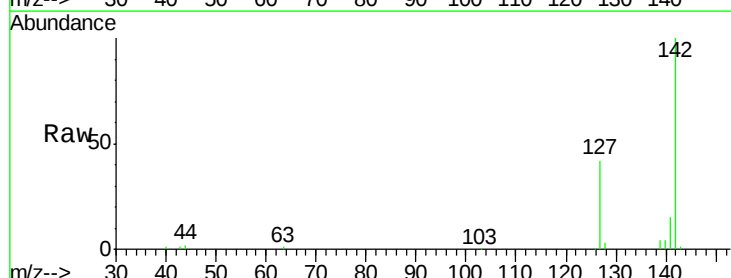
RT: 4.27 min Scan# 388

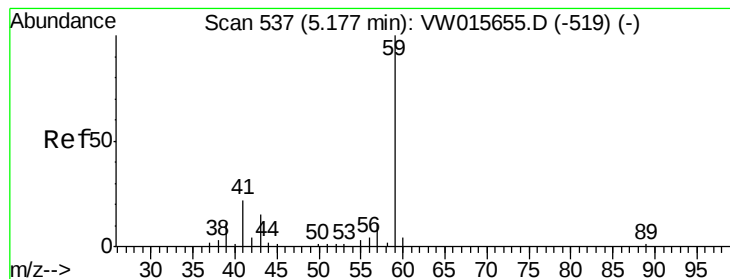
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	142	Resp:	54466
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.4	54.6
141	14.6	11.6	17.4





#11

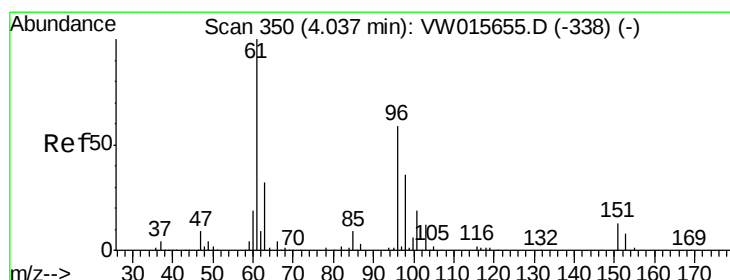
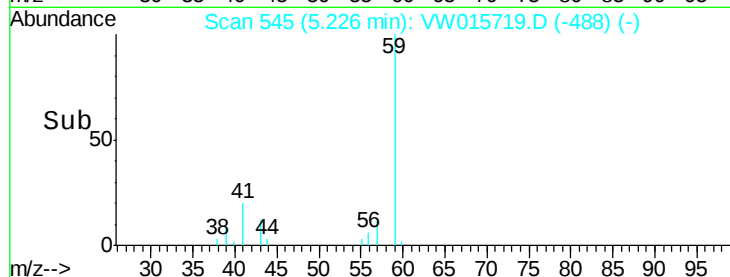
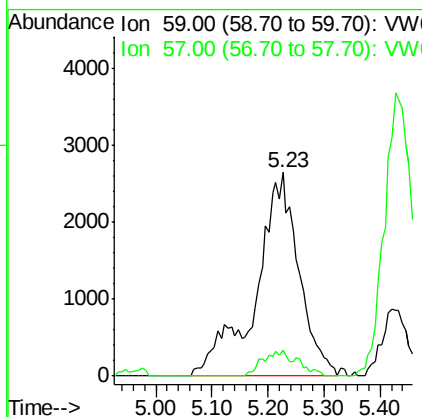
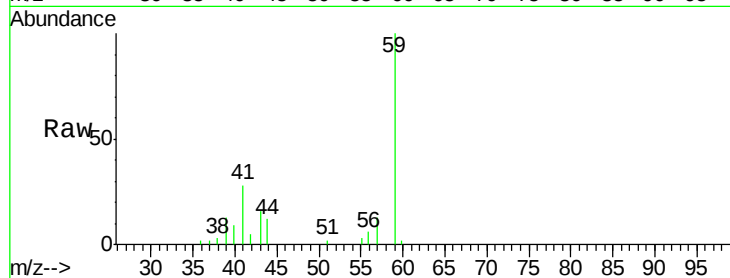
Tert butyl alcohol
 Concen: 102.369 ug/l m
 RT: 5.23 min Scan# 545
 Delta R.T. 0.05 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	59	57	Ratio	100	7.7	Resp	14131	Lower	Upper
Ion	59	57	Ratio	100	7.7	Resp	14131	Lower	Upper
								8.4	12.6#

Manual Integrations
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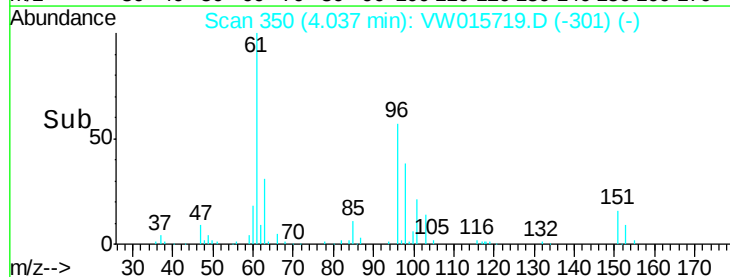
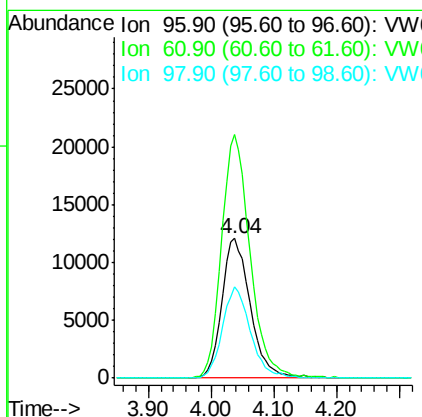
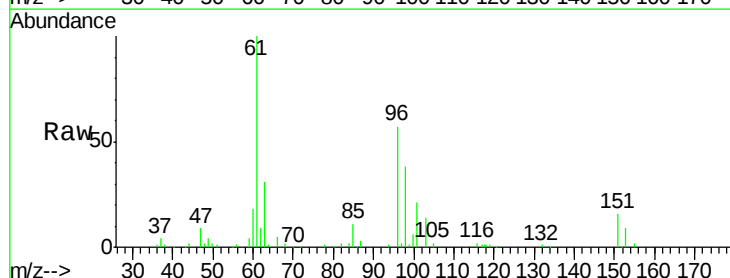
MMDadoda
 6/26/2020 11:21:18 AM

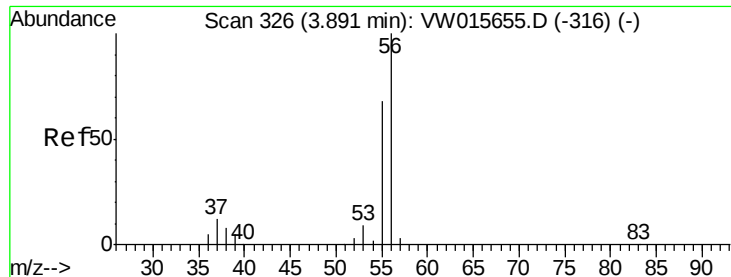


#12

1,1-Dichloroethene
 Concen: 20.771 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	96	61	98	Ratio	100	174.3	65.4	Resp	38043	Lower	Upper
Ion	96	61	98	Ratio	100	174.3	65.4	Resp	38043	Lower	Upper
										136.7	205.1
										49.2	73.8





#13

Acrolein

Concen: 92.654 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

Tot Ion: 56 Resp: 13446

Ion Ratio Lower Upper

56 100

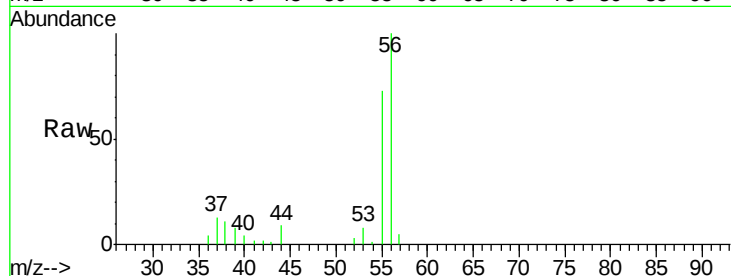
55 69.8 56.2 84.2

Manual Integrations

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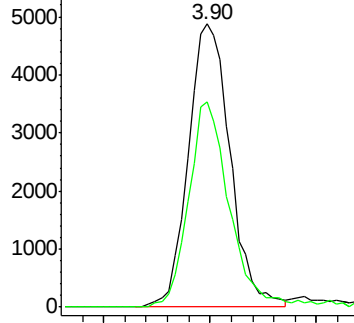
MMDadoda

6/26/2020 11:21:18 AM

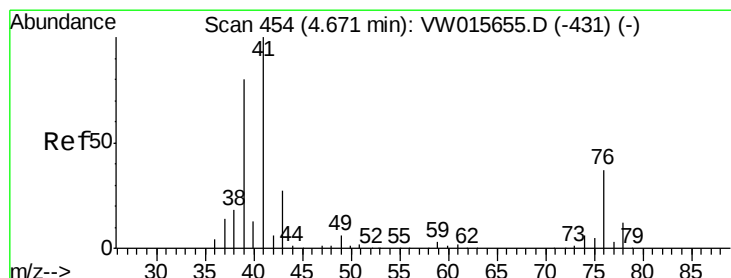
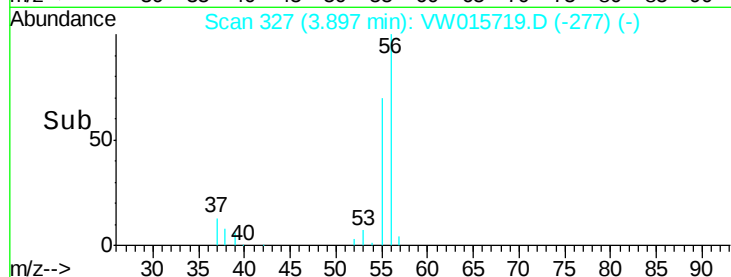


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 20.052 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

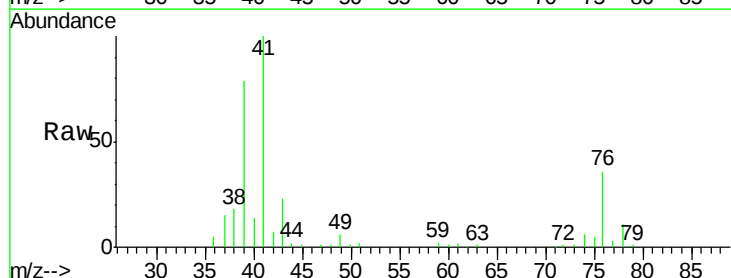
Tgt Ion: 41 Resp: 59582

Ion Ratio Lower Upper

41 100

39 80.2 64.6 97.0

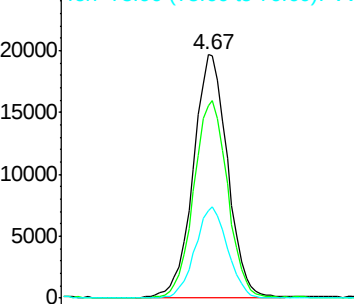
76 35.5 29.1 43.7



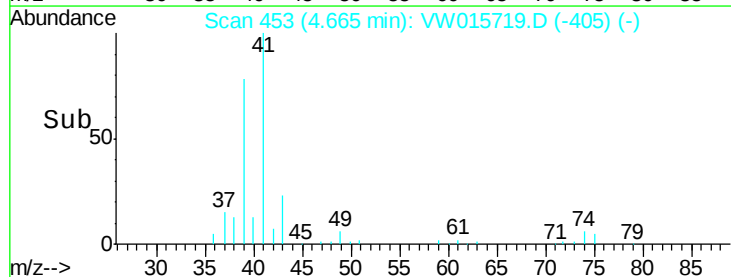
Abundance Ion 41.00 (40.70 to 41.70): VW

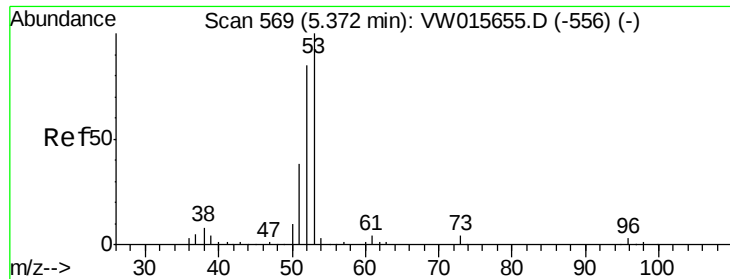
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 100.788 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

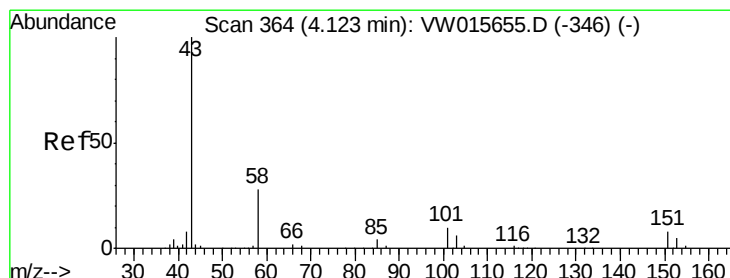
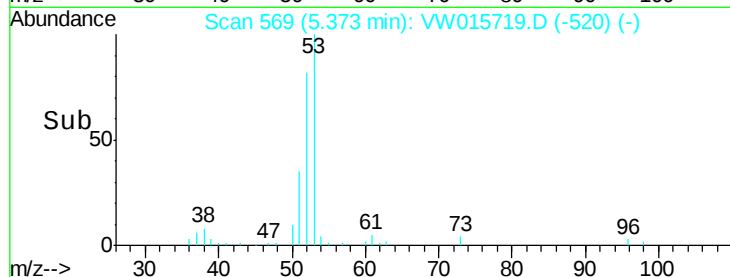
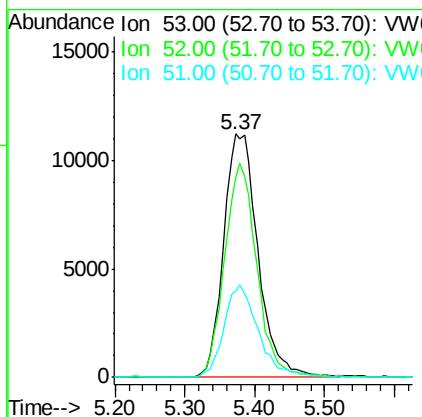
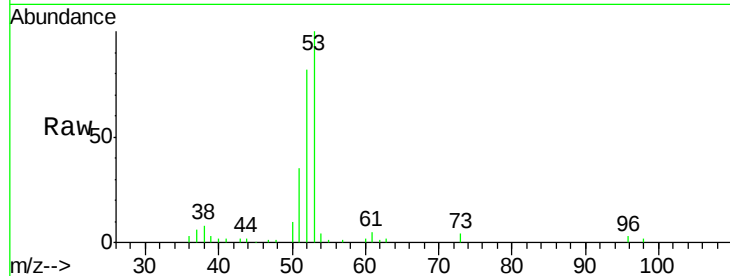
ClientSampleId :

VW0625SBS01

Tot Ion:	53	Resp:	38323
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	37.6	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 97.405 ug/l

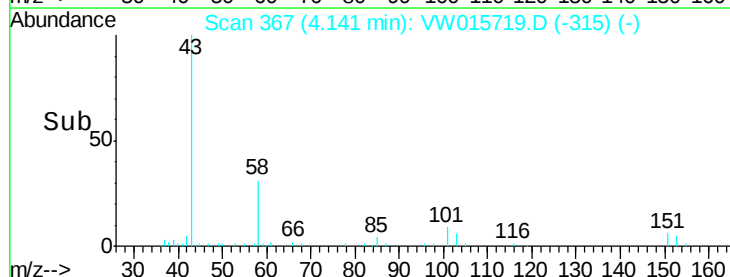
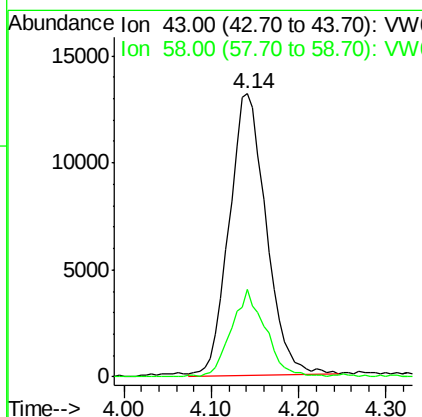
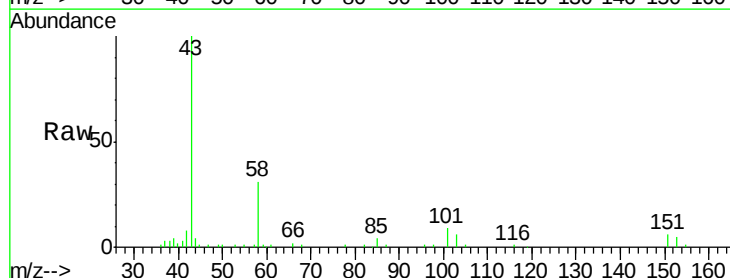
RT: 4.14 min Scan# 367

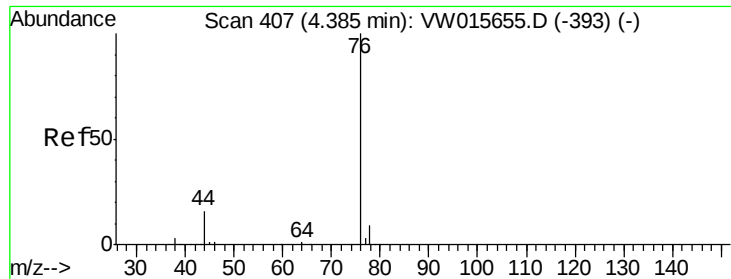
Delta R.T. 0.02 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	43	Resp:	38683
Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.6	33.8





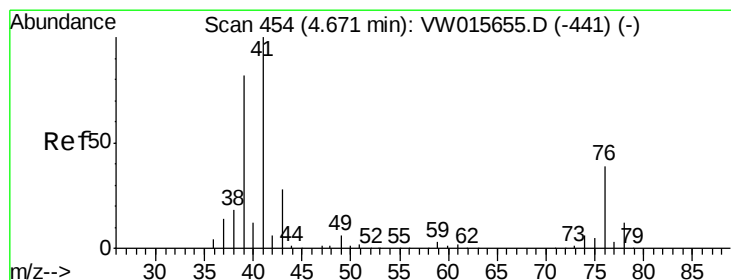
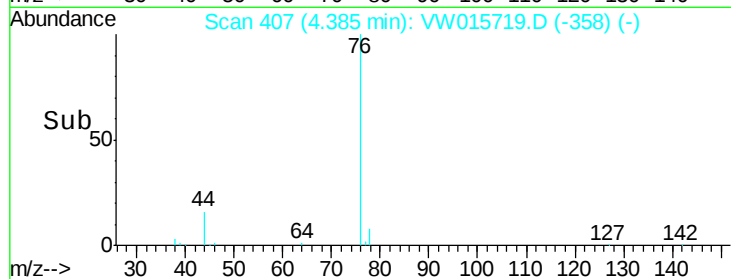
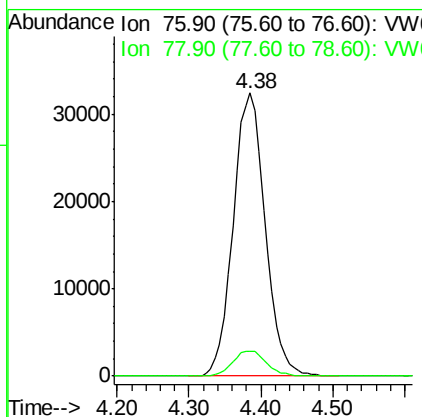
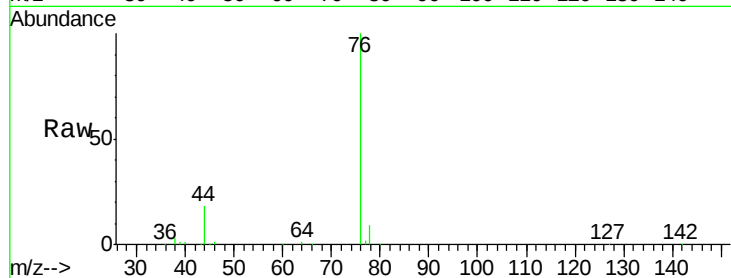
#17
Carbon Disulfide
Concen: 18.976 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

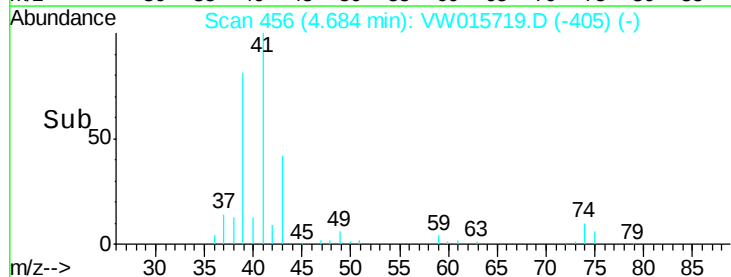
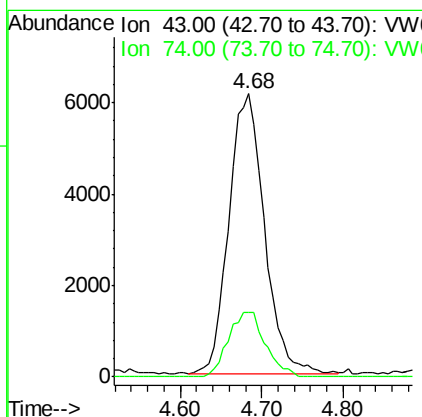
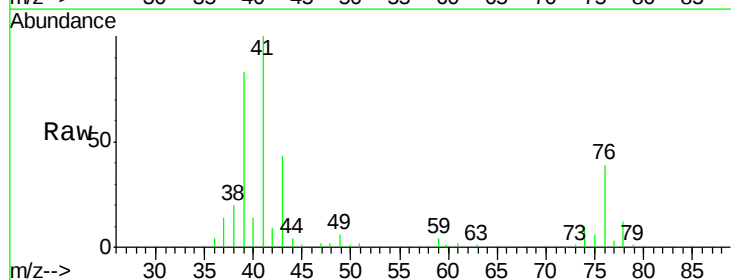
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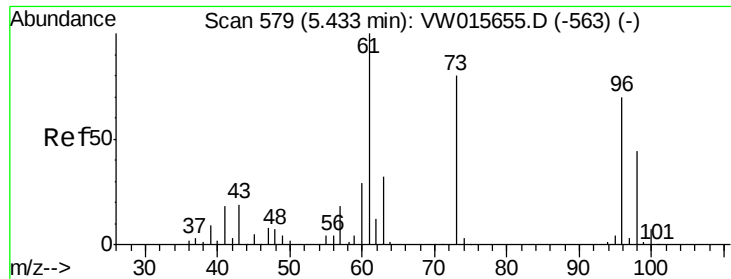
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#18
Methyl Acetate
Concen: 19.831 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.0	28.6





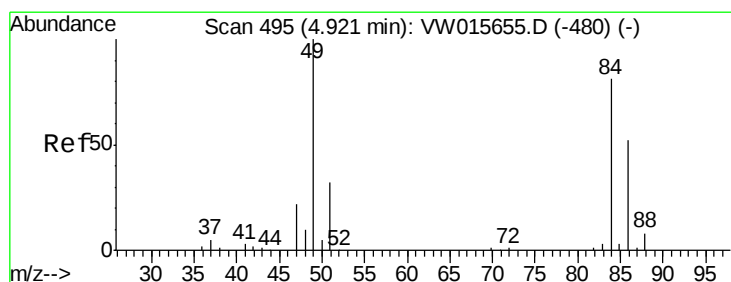
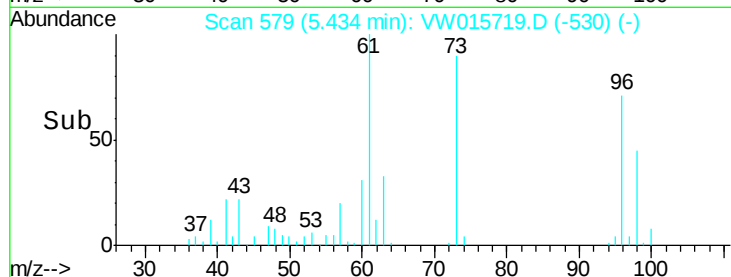
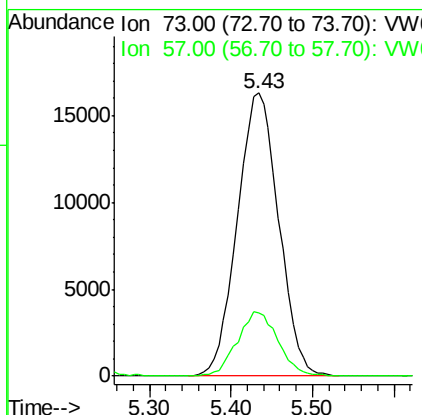
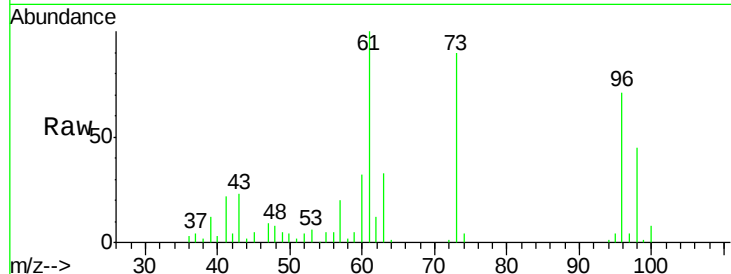
#19
Methyl tert-butyl Ether
Concen: 20.829 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 73 Resp: 57413
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1

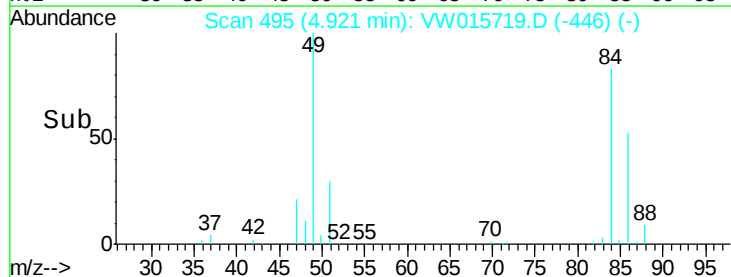
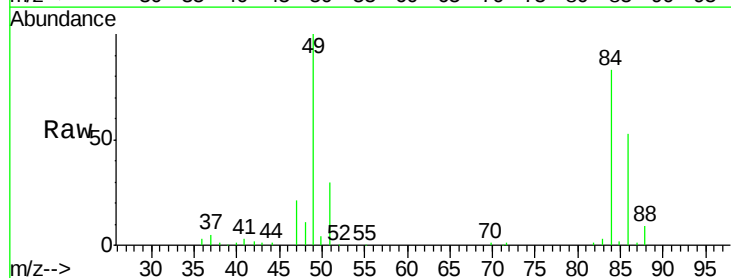
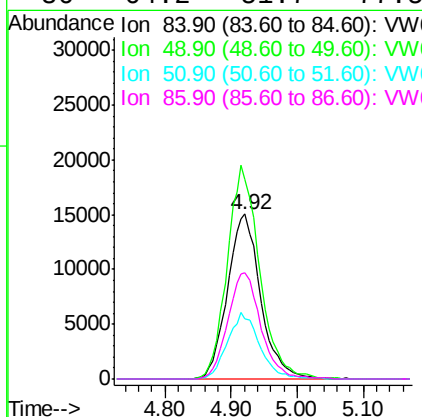
Manual Integrations
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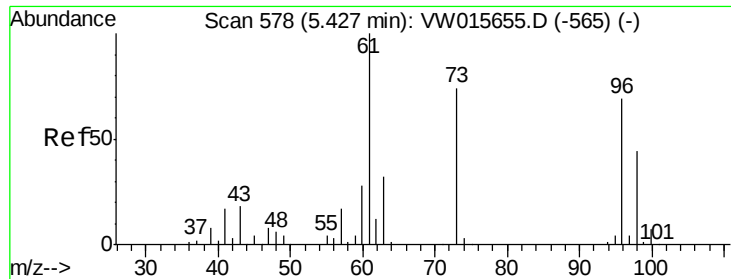
MMDadoda
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#20
Methylene Chloride
Concen: 24.629 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 84 Resp: 52128
Ion Ratio Lower Upper
84 100
49 120.9 99.3 148.9
51 36.2 31.8 47.6
86 64.2 51.7 77.5





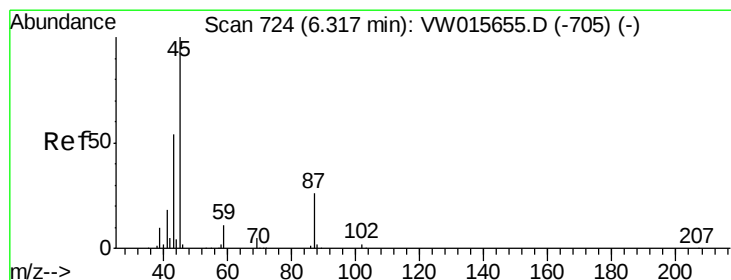
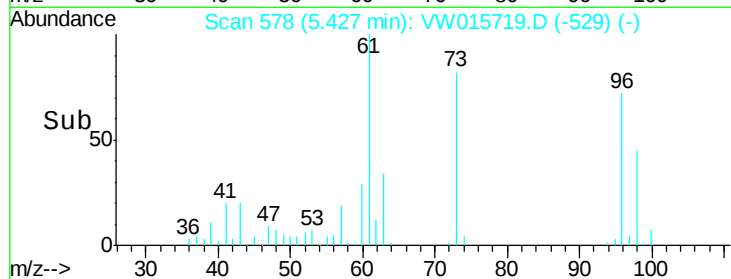
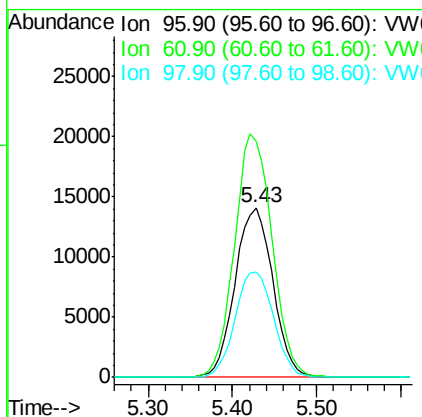
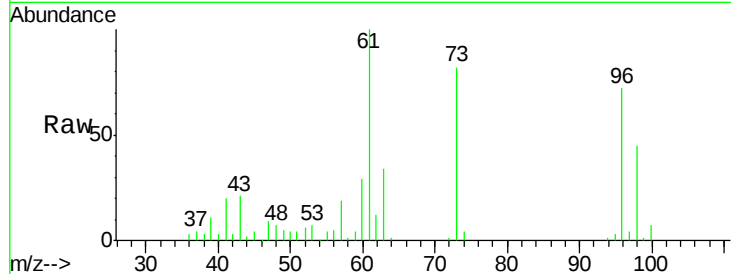
#21
trans-1,2-Dichloroethene
Concen: 20.429 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	116.2	174.2
98	62.0	51.4	77.0

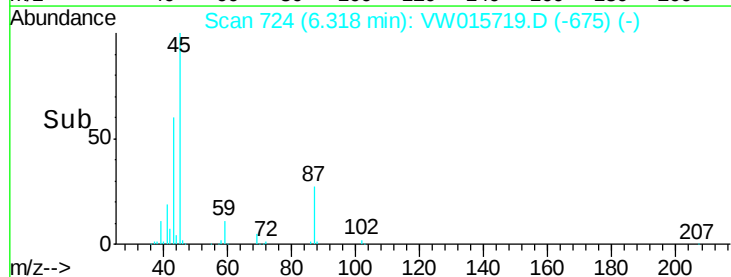
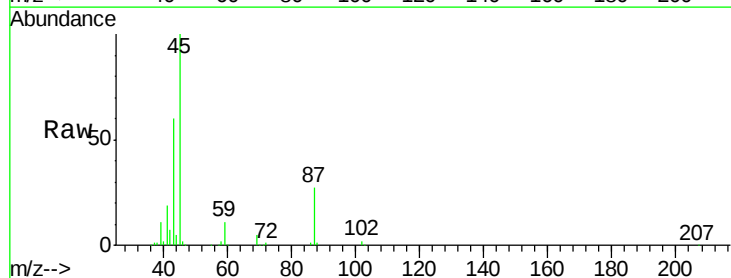
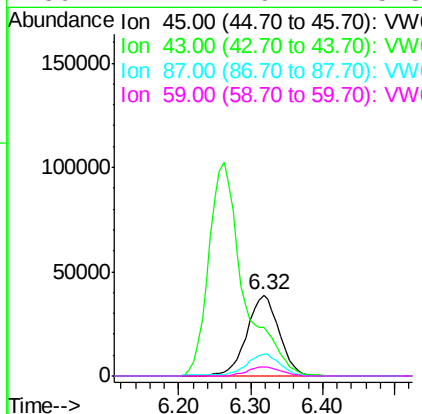
Manual Integrations
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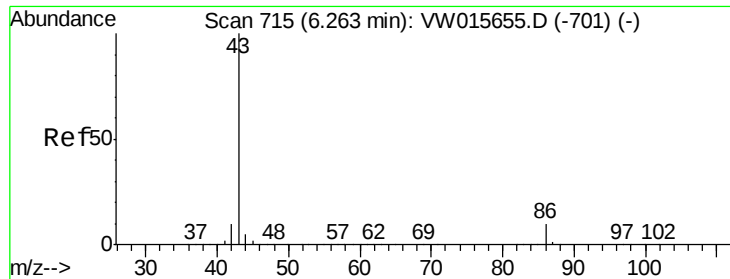
MMDadoda
6/26/2020 11:21:18 AM



#22
Diisopropyl ether
Concen: 20.440 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	43.9	65.9
87	27.0	21.2	31.8
59	11.4	9.2	13.8





#23

Vinyl Acetate

Concen: 100.377 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 43 Resp: 345936

Ion Ratio Lower Upper

43 100

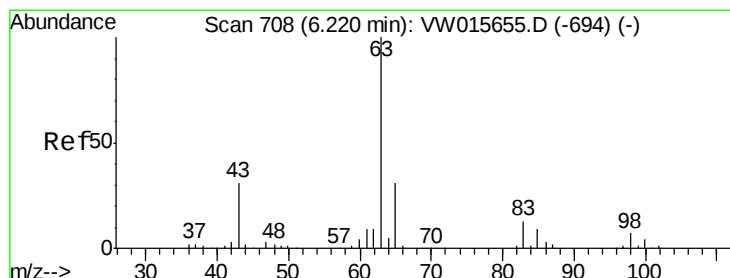
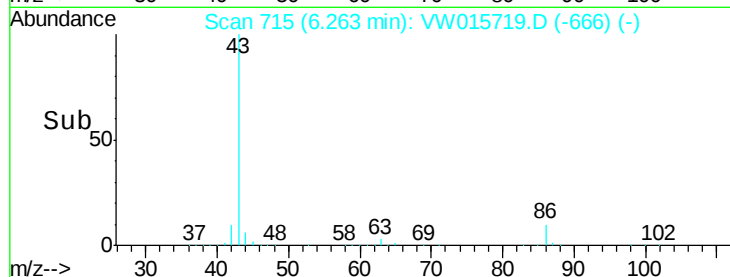
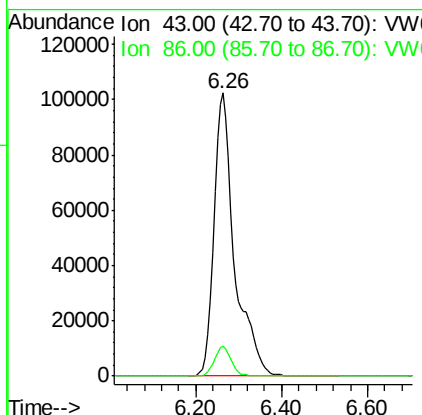
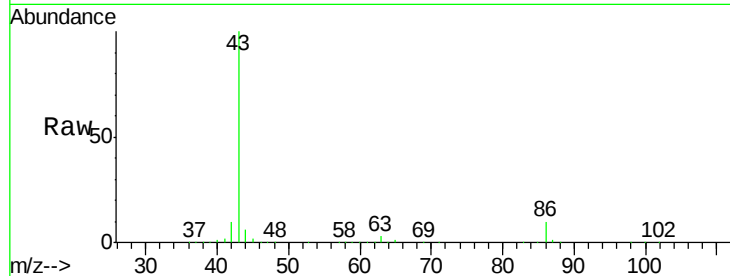
86 10.5 8.3 12.5

Manual Integrations

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MMDadoda

6/26/2020 11:21:18 AM



#24

1,1-Dichloroethane

Concen: 20.867 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

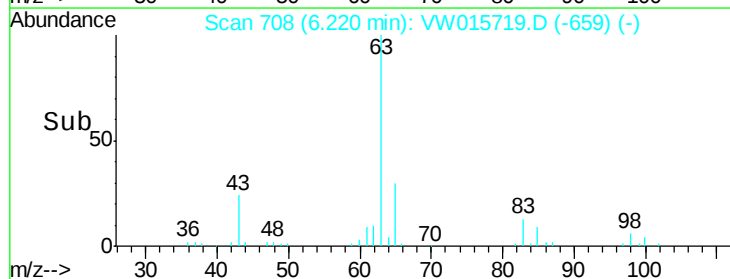
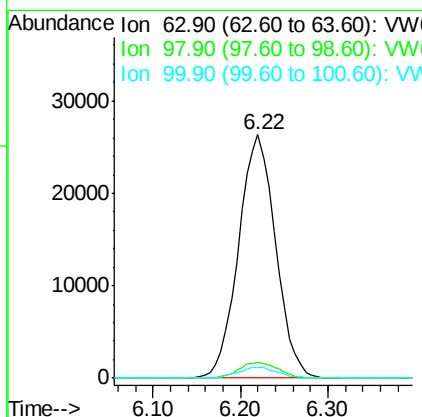
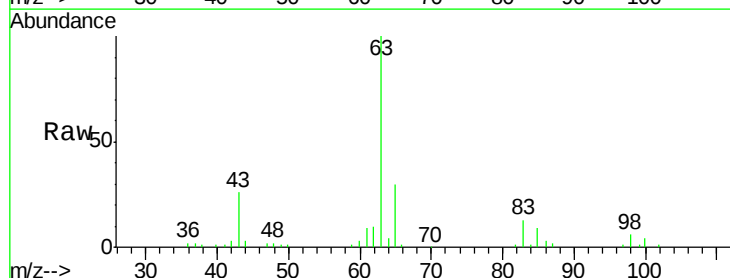
Tgt Ion: 63 Resp: 77629

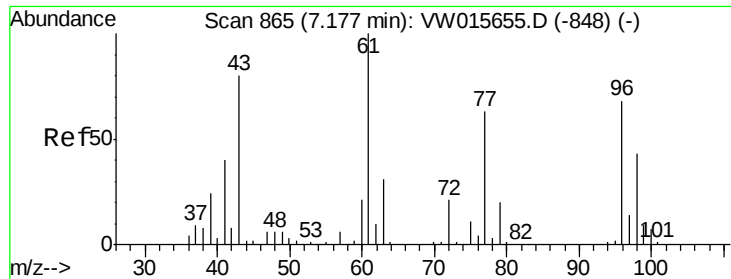
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.4 2.1 6.3





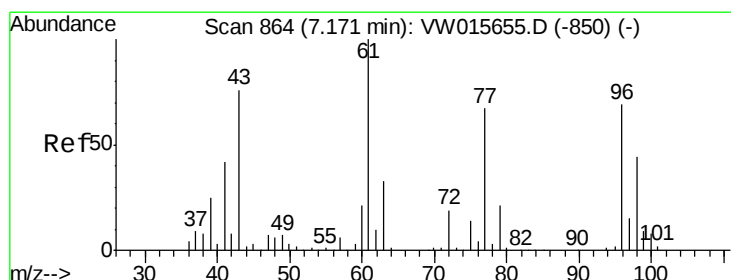
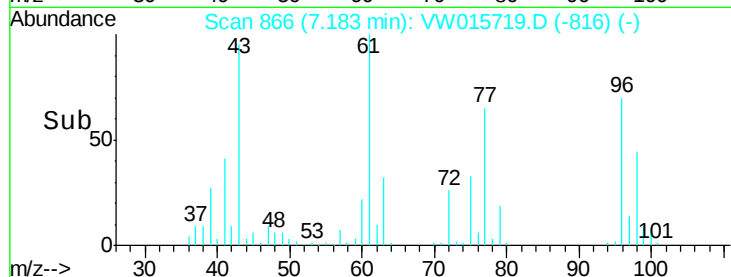
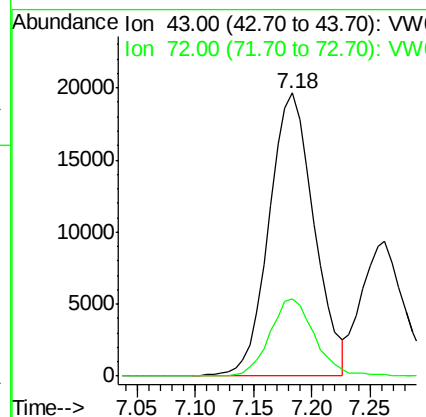
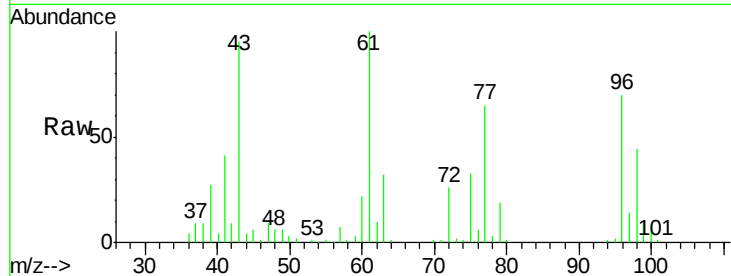
#25
2-Butanone
Concen: 98.213 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 43 Resp: 52715
Ion Ratio Lower Upper
43 100
72 27.3 21.1 31.7

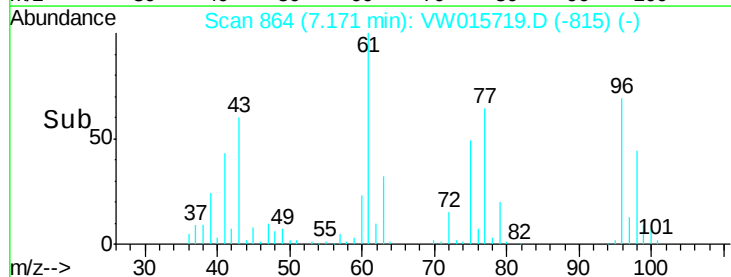
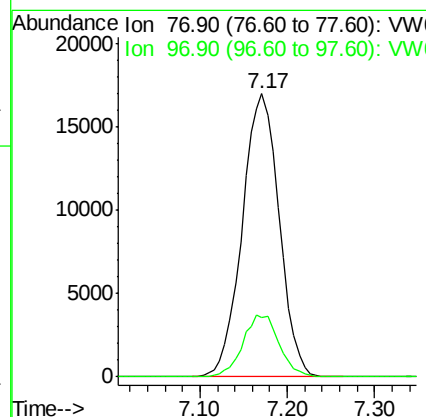
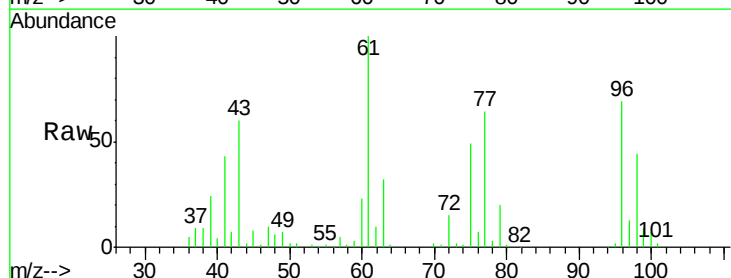
Manual Integrations
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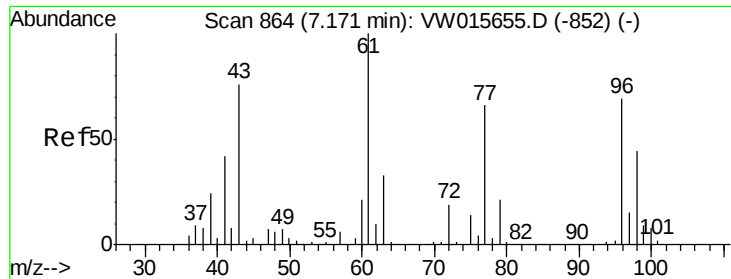
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#26
2,2-Dichloropropane
Concen: 19.986 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 77 Resp: 49867
Ion Ratio Lower Upper
77 100
97 21.4 11.2 33.5





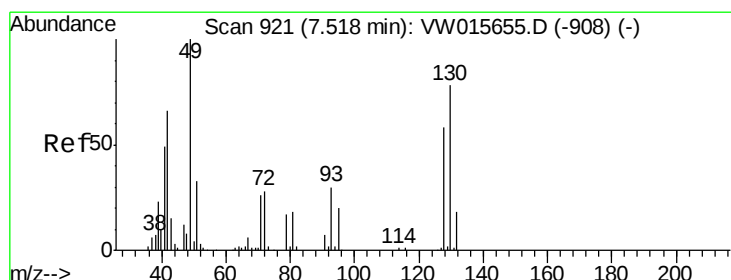
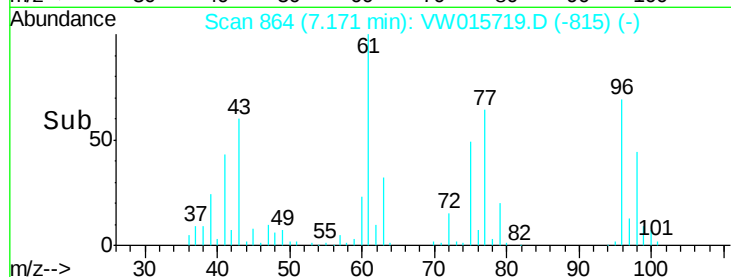
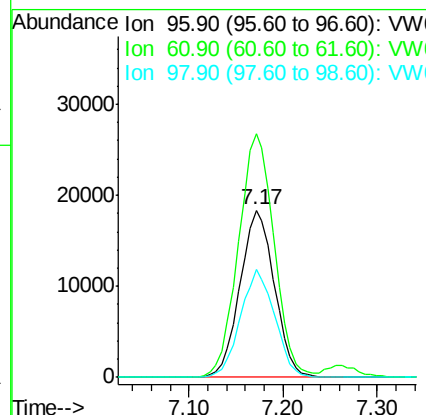
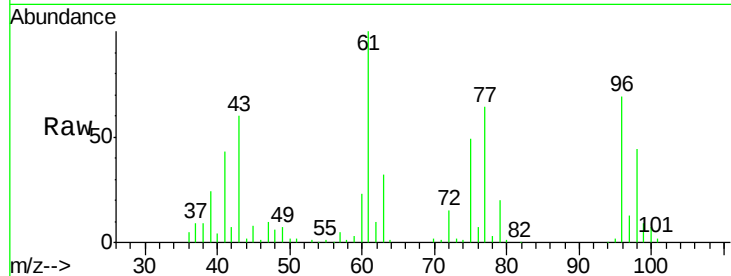
#27
 cis-1,2-Dichloroethene
 Concen: 20.646 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampled :
 VW0625SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	46636		
61	151.0	0.0	296.8	
98	64.2	0.0	128.0	

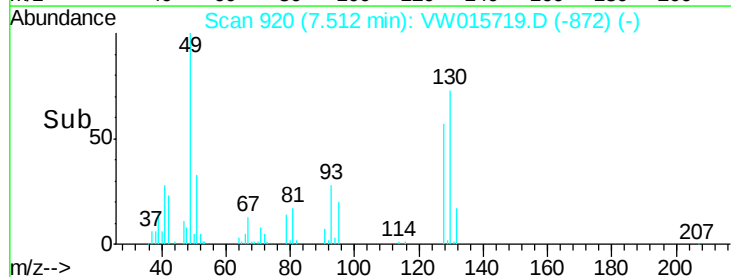
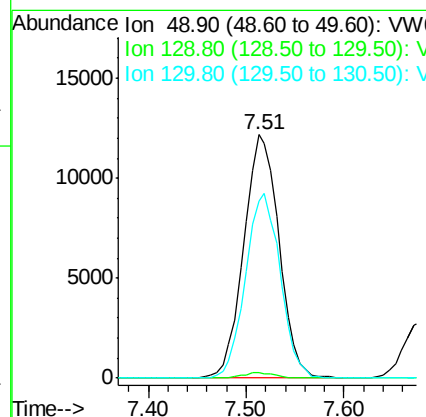
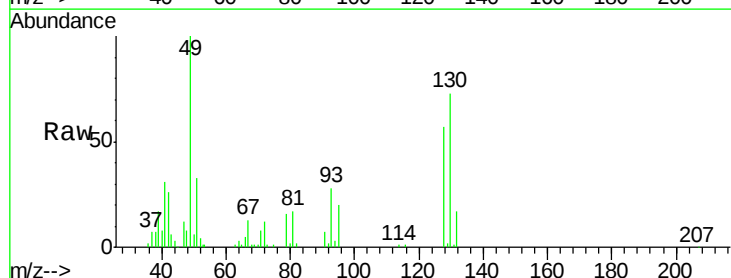
Manual Integrations
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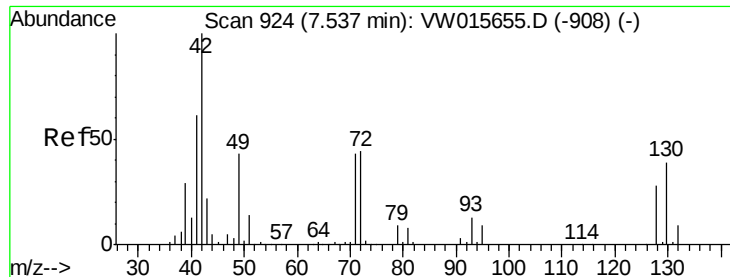
MMDadoda
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#28
 Bromochloromethane
 Concen: 21.334 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30529		
129	2.0	0.0	2.2	
130	74.8	61.0	91.4	





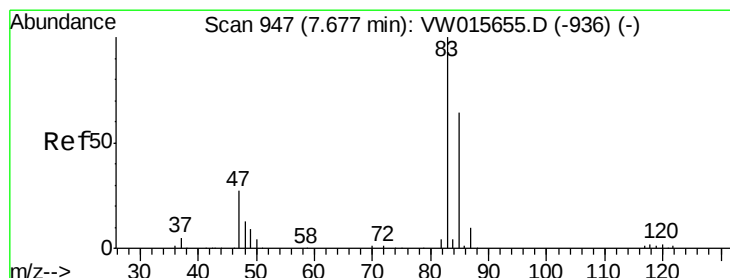
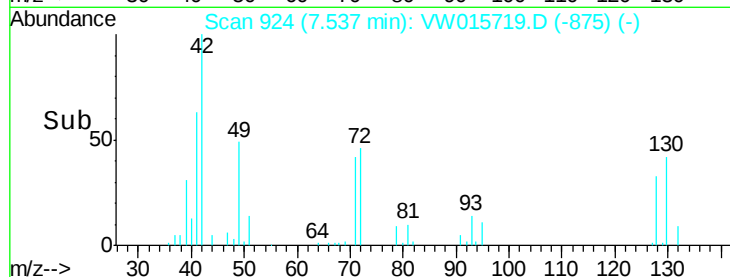
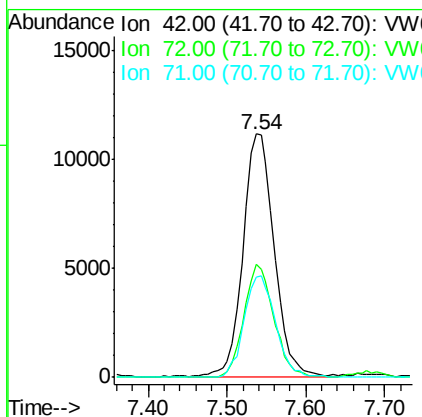
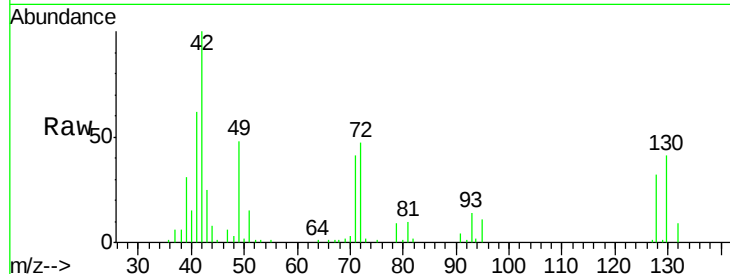
#29
Tetrahydrofuran
Concen: 98.345 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.0	52.6
71	41.4	32.6	49.0

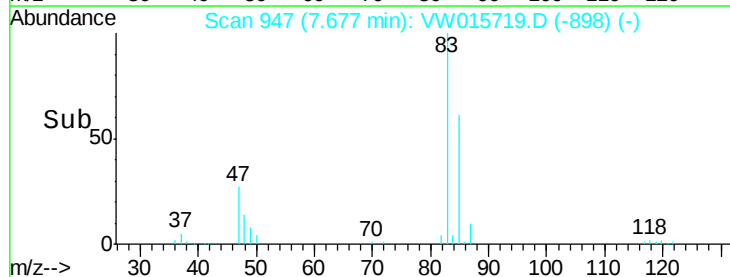
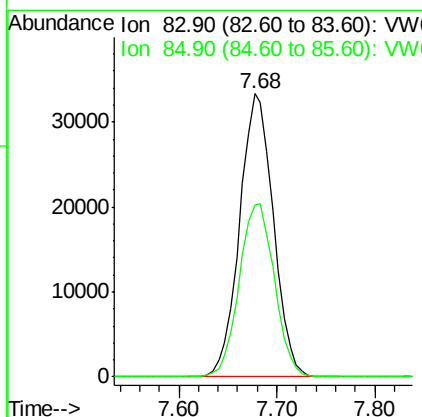
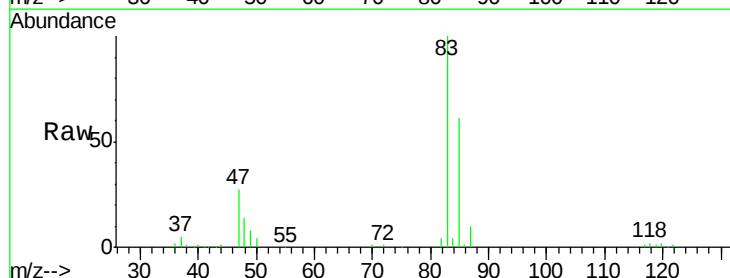
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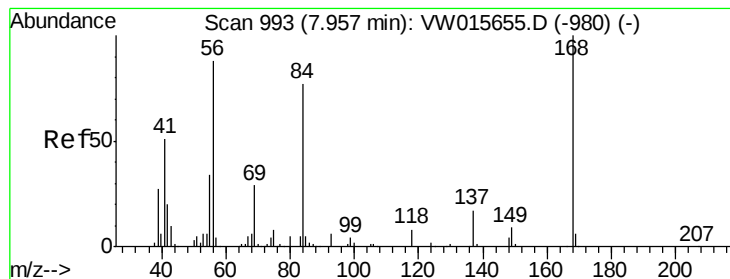
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#30
Chloroform
Concen: 20.876 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.0	76.4





#31

Cyclohexane

Concen: 20.068 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

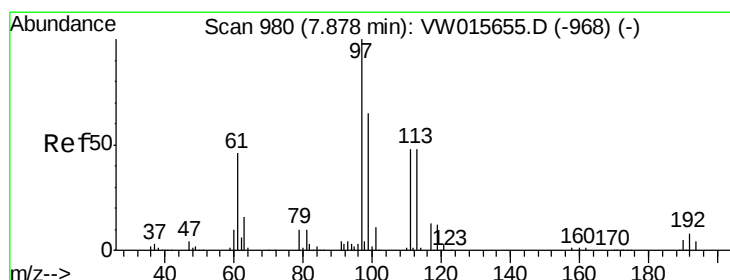
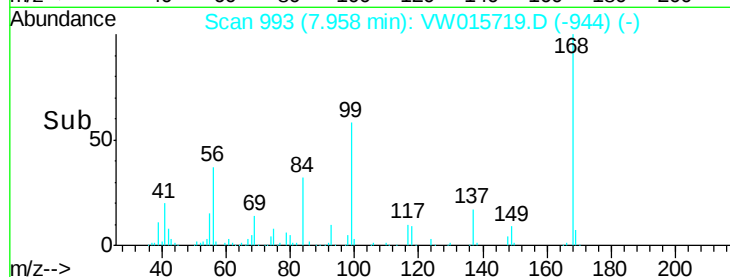
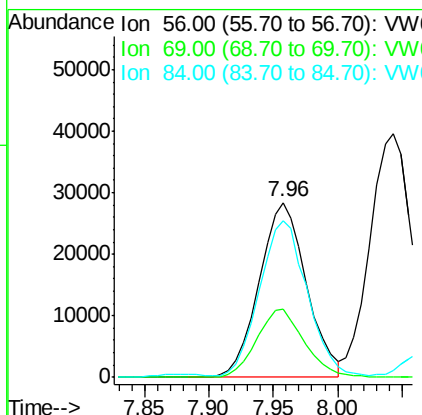
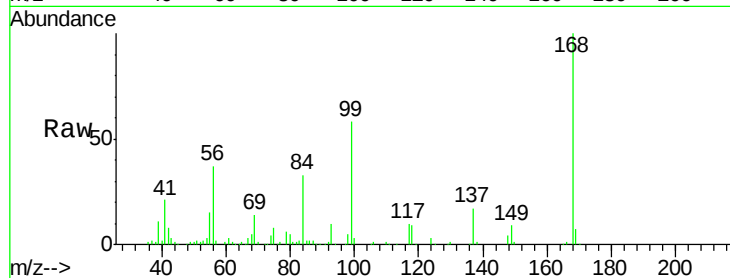
ClientSampleID :

VW0625SBS01

Tot Ion:	56	Resp:	72216
Ion Ratio	Lower	Upper	
56	100		
69	39.3	26.2	39.4
84	88.1	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 20.445 ug/l

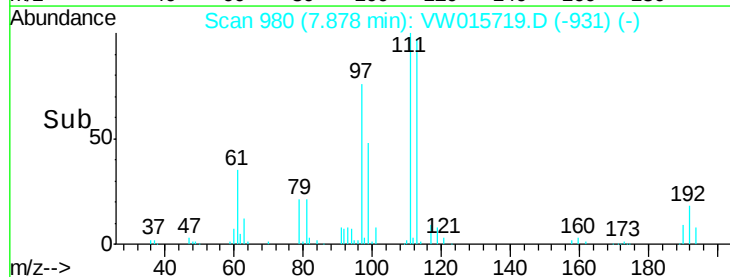
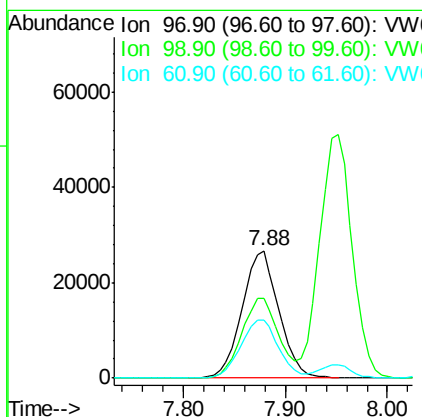
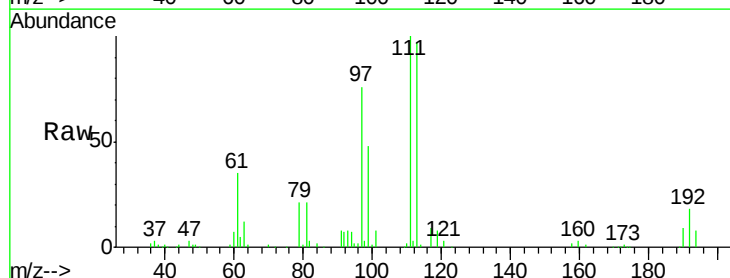
RT: 7.88 min Scan# 980

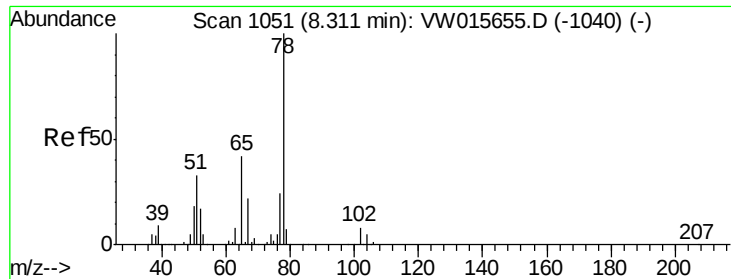
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	97	Resp:	66489
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.9	77.9
61	47.3	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 50.315 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 65 Resp: 105110

Ion Ratio Lower Upper

65 100

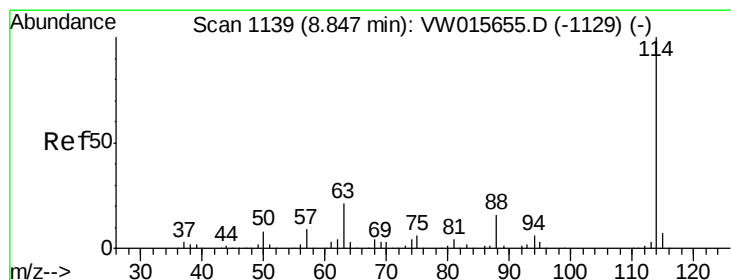
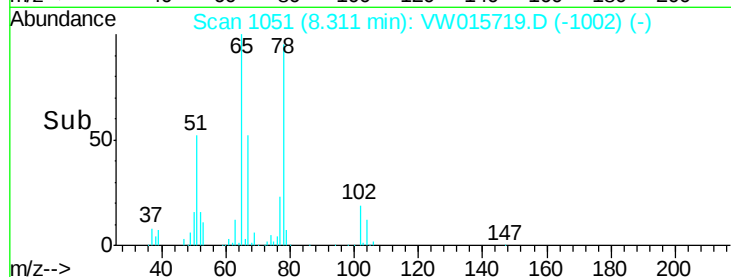
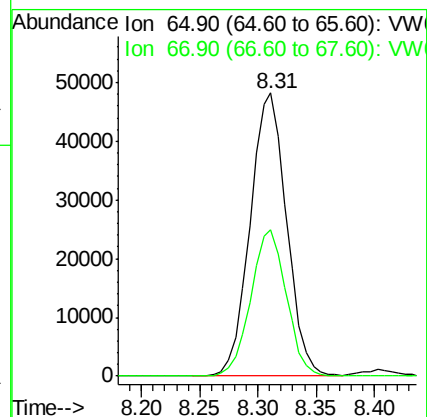
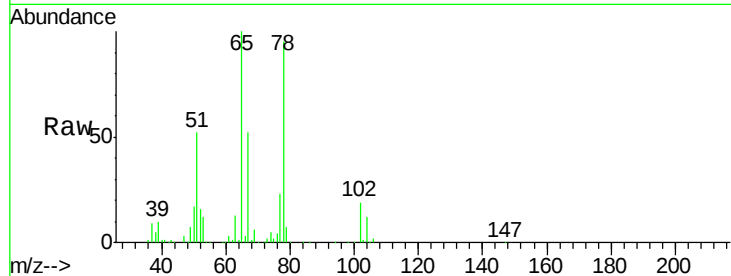
67 50.7 0.0 102.2

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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: VW015719.D

Acq: 25 Jun 2020 11:03

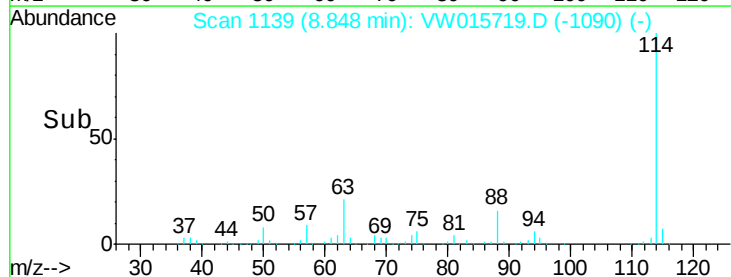
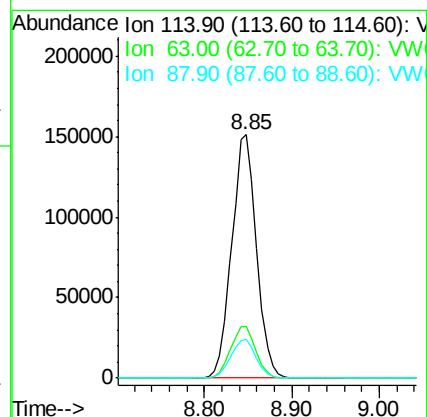
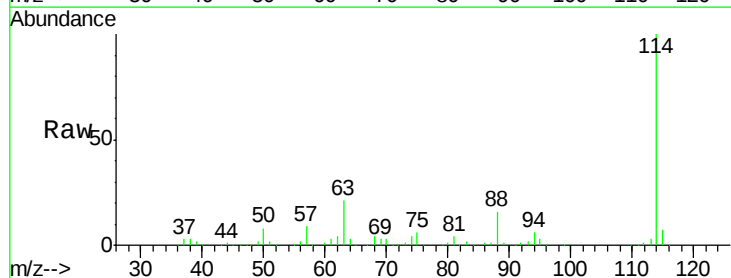
Tgt Ion: 114 Resp: 297143

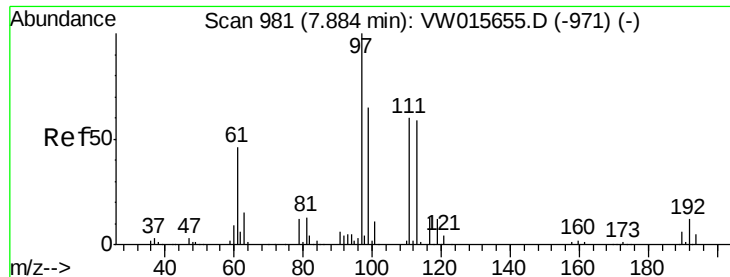
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.463 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

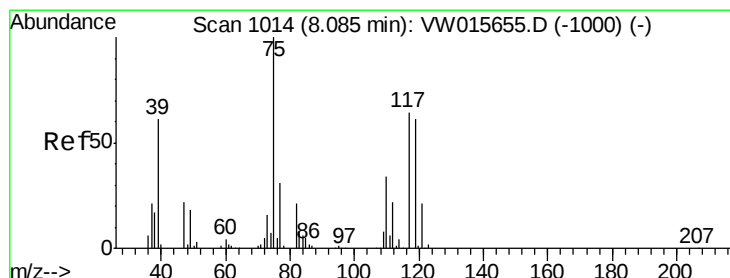
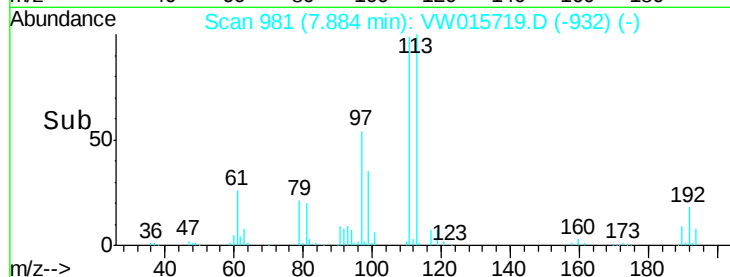
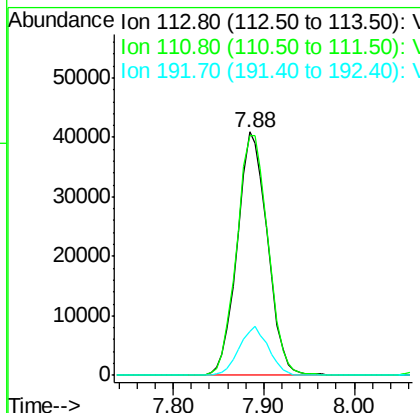
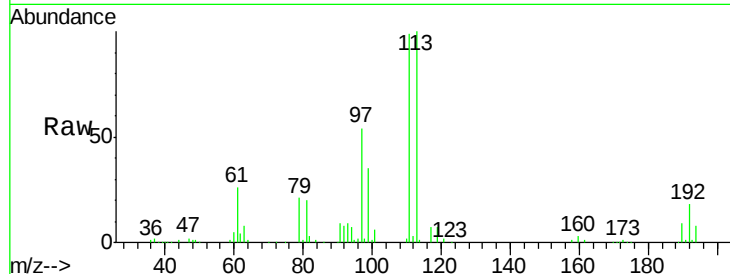
ClientSampleId :

VW0625SBS01

Tot Ion:	113	Resp:	94321
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.3	123.5
192	19.5	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 20.889 ug/l

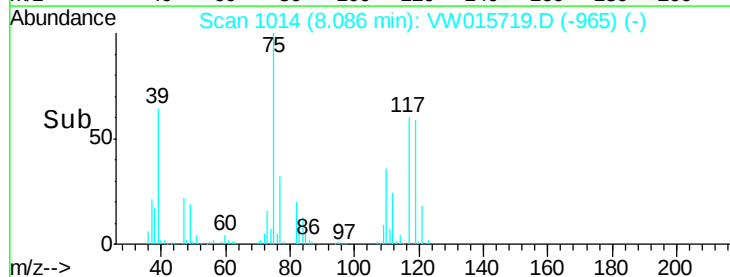
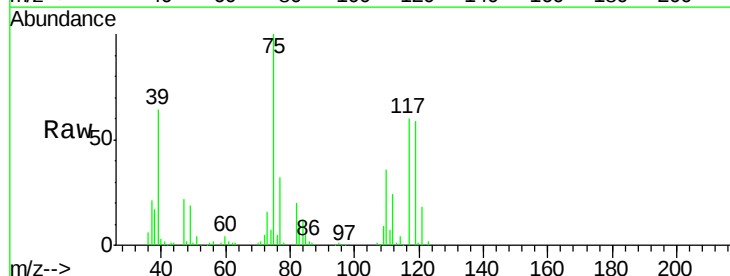
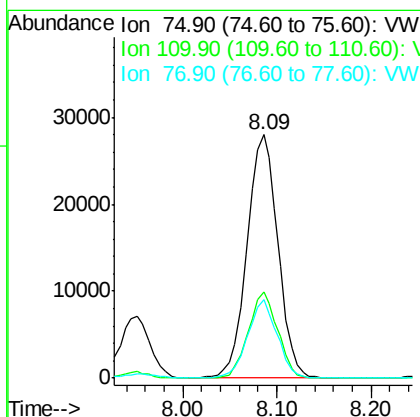
RT: 8.09 min Scan# 1014

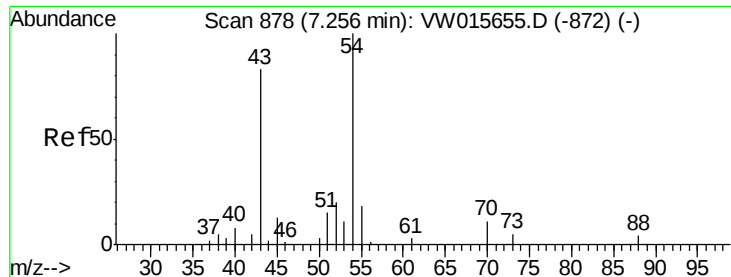
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	75	Resp:	64558
Ion Ratio	Lower	Upper	
75	100		
110	33.8	17.0	51.0
77	30.6	24.6	36.8





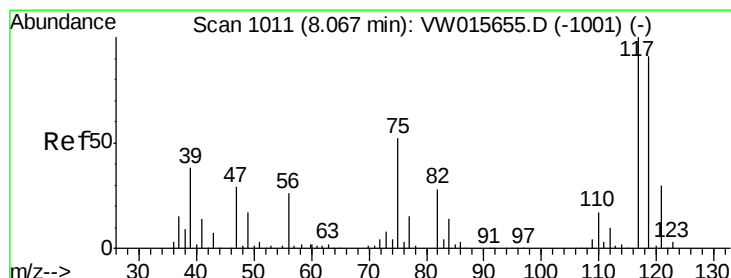
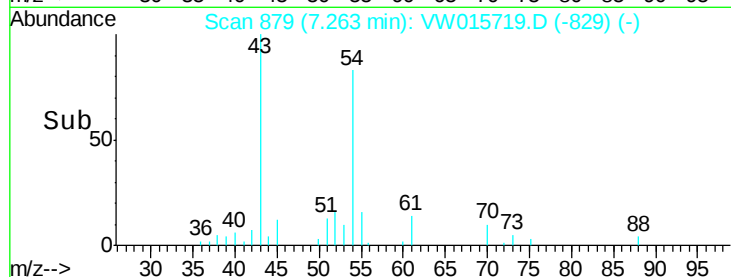
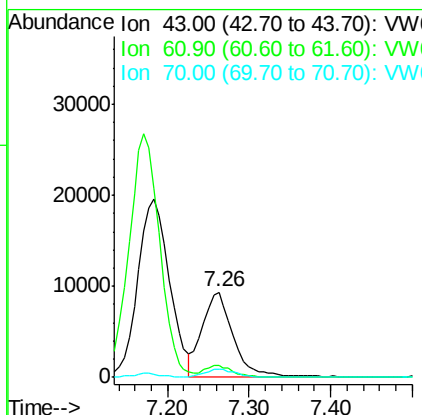
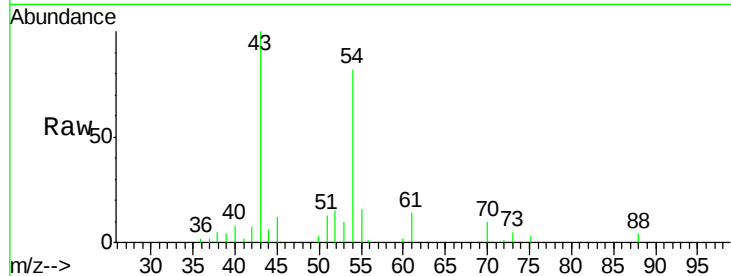
#37
Ethyl Acetate
Concen: 20.774 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampled :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	9.8	8.4	12.6

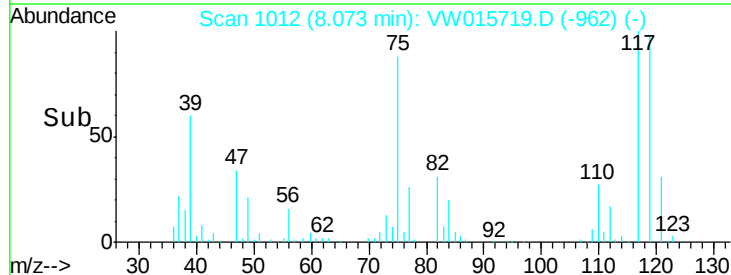
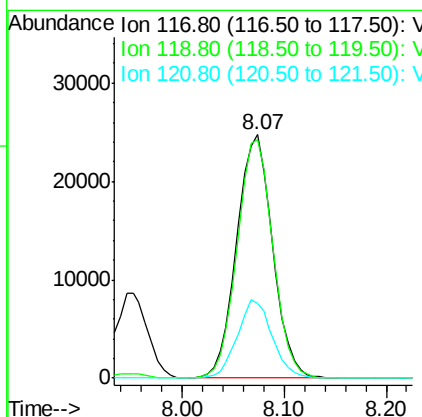
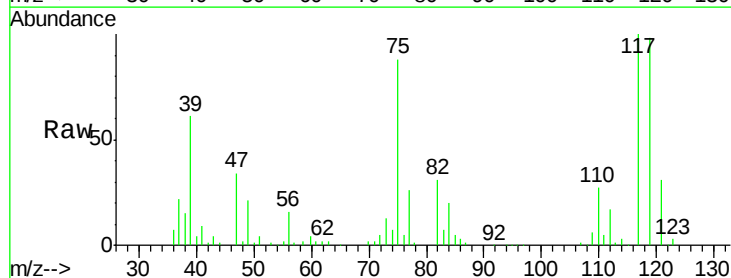
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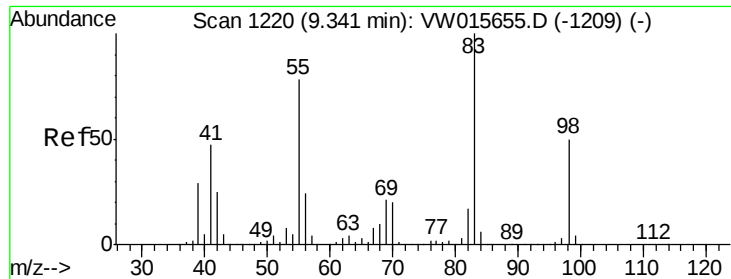
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#38
Carbon Tetrachloride
Concen: 20.206 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	73.2	109.8
121	30.6	23.9	35.9





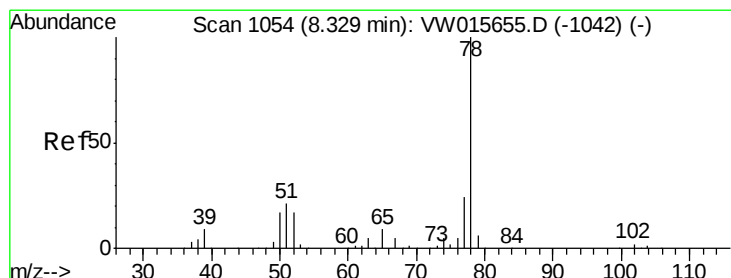
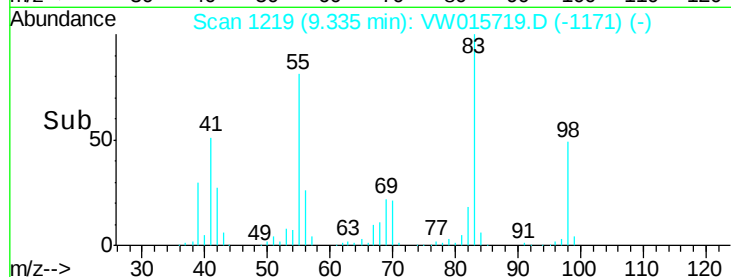
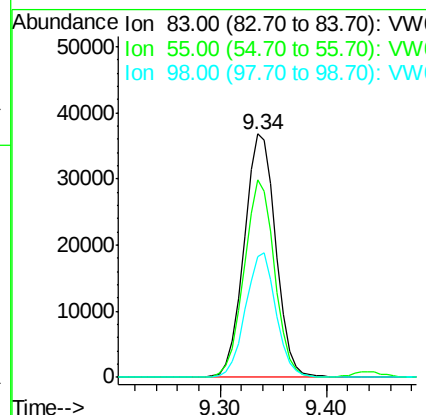
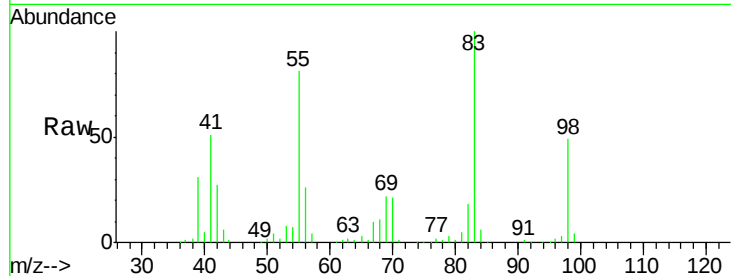
#39
Methvlcvclohexane
Concen: 20.478 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	62.8	94.2
98	49.3	39.9	59.9

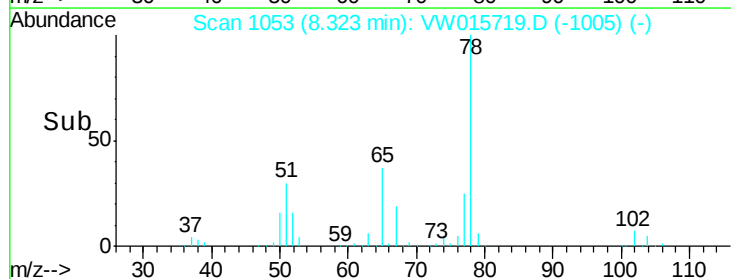
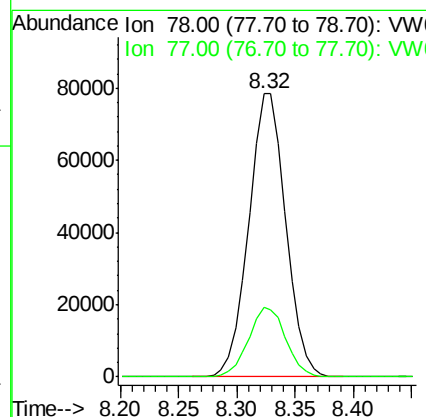
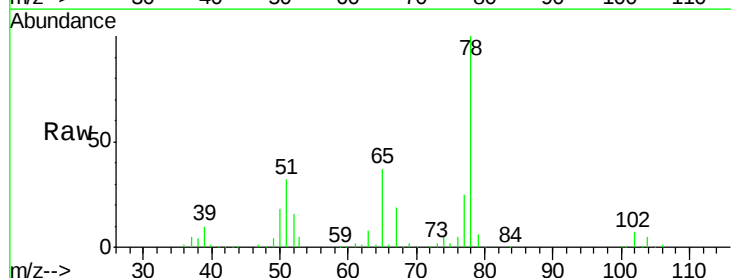
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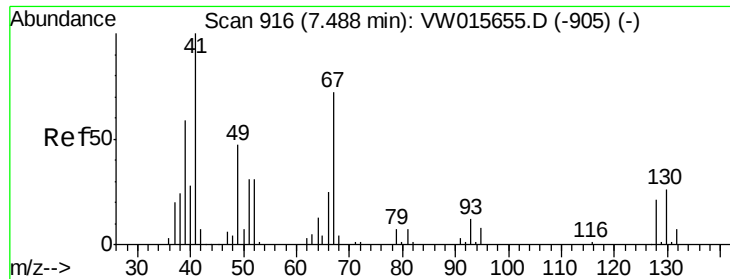
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#40
Benzene
Concen: 20.709 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





#41

Methacrylonitrile

Concen: 20.419 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

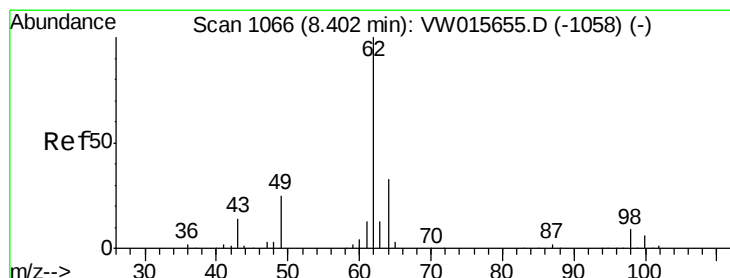
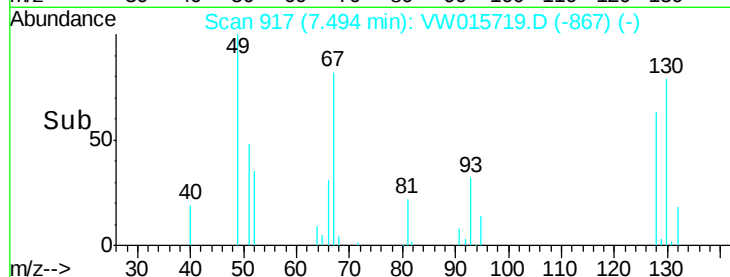
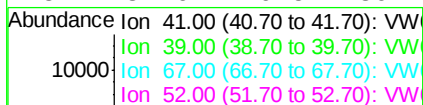
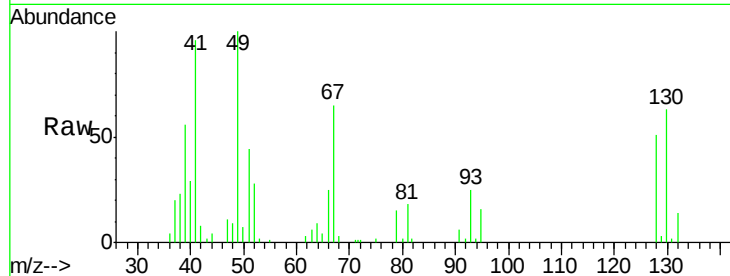
ClientSampleId :

VW0625SBS01

Tot Ion	41	Resp	13829
Ion	Ratio	Lower	Upper
41	100		
39	58.5	52.0	78.0
67	69.5	57.5	86.3
52	31.6	26.5	39.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.994 ug/l

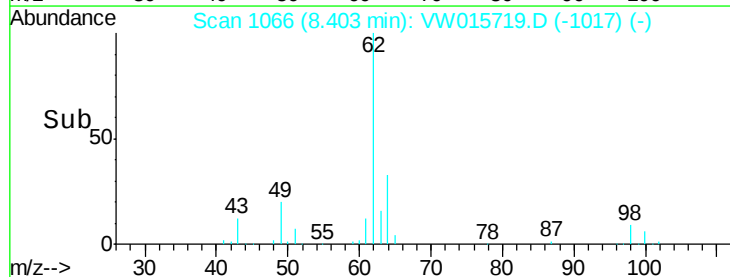
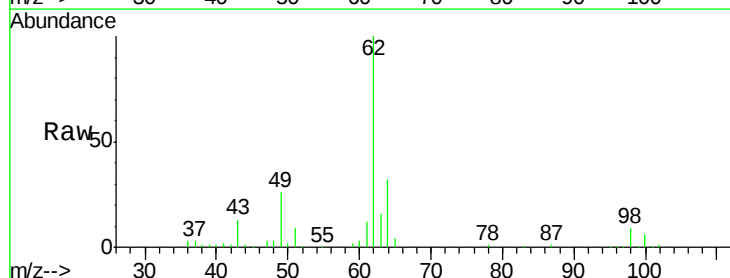
RT: 8.40 min Scan# 1066

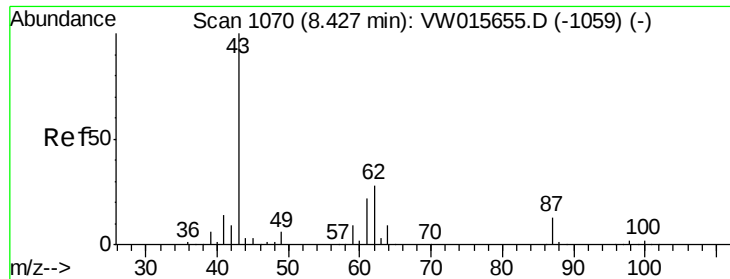
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion	62	Resp	54578
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4





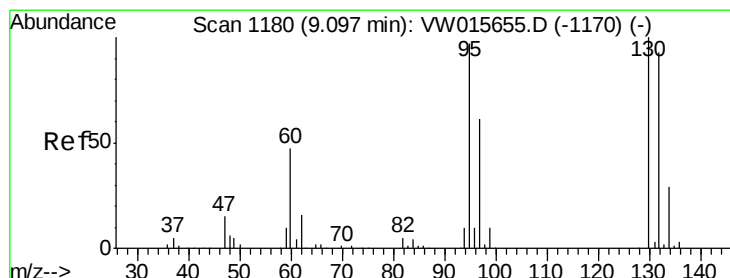
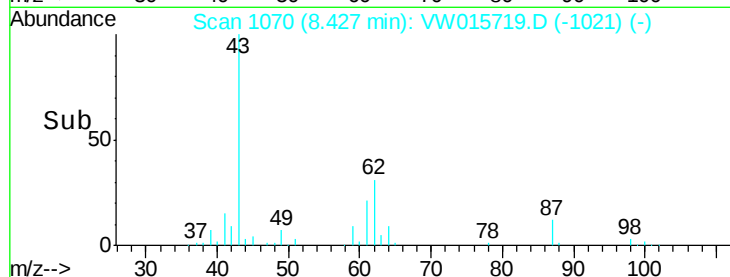
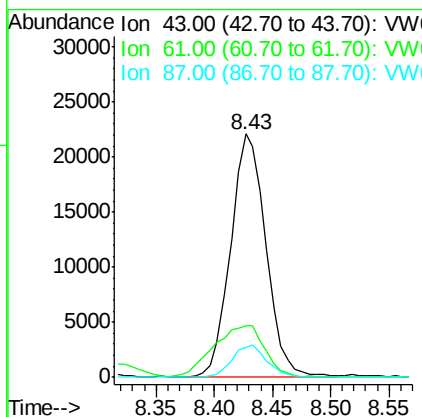
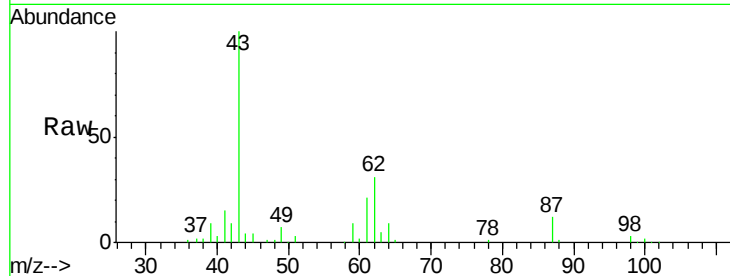
#43
Isopropyl Acetate
Concen: 19.876 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.7	37.1
87	12.9	10.2	15.2

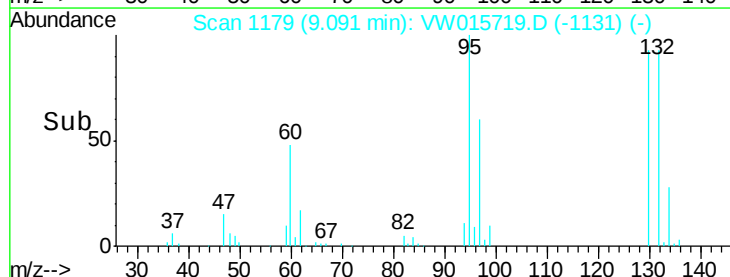
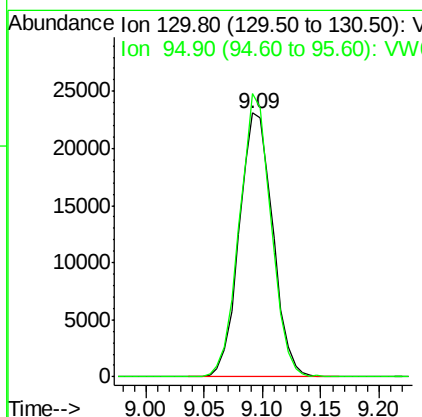
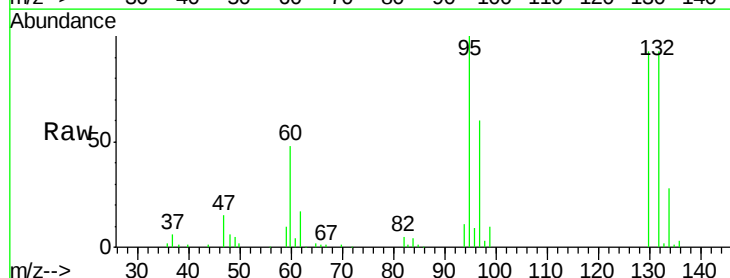
Manual Integrations
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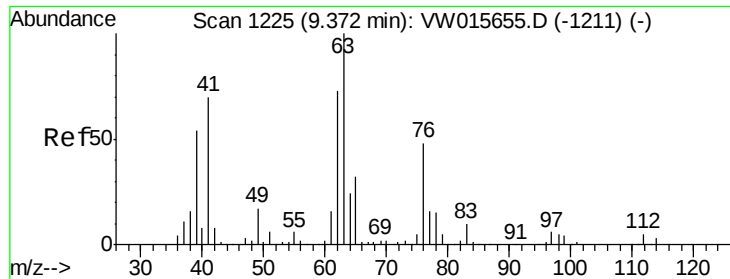
MMDadoda
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#44
Trichloroethene
Concen: 20.462 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	194.4





#45

1,2-Dichloropropane

Concen: 20.836 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

Tot Ion: 63 Resp: 42798

Ion Ratio Lower Upper

63 100

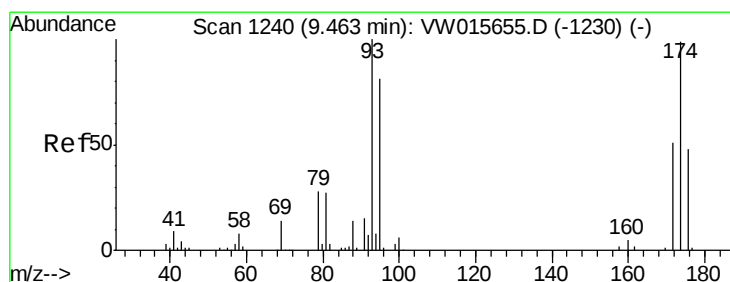
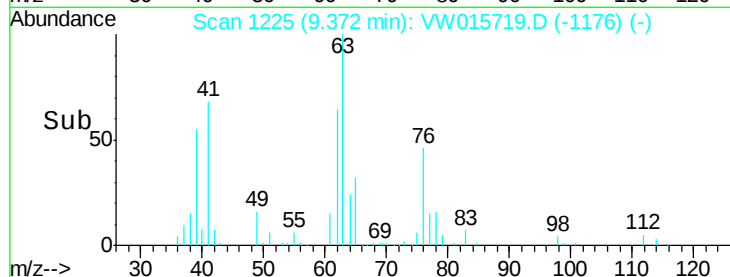
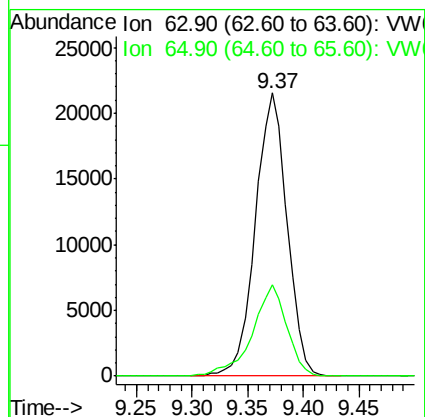
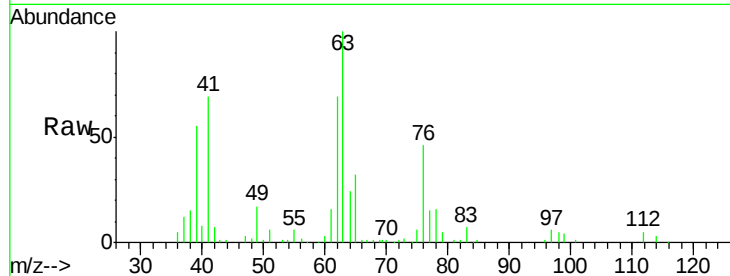
65 32.2 25.3 37.9

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#46

Dibromomethane

Concen: 20.314 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

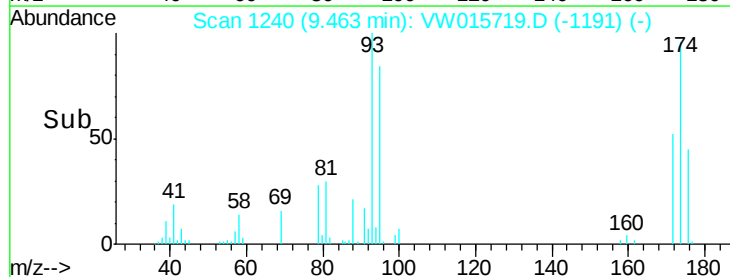
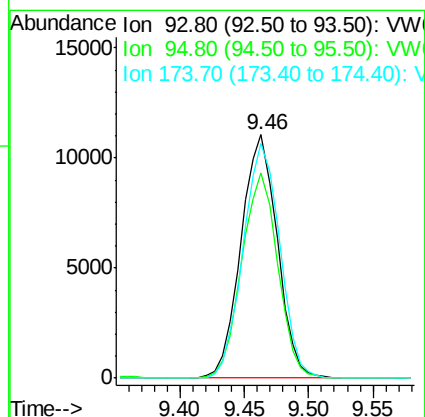
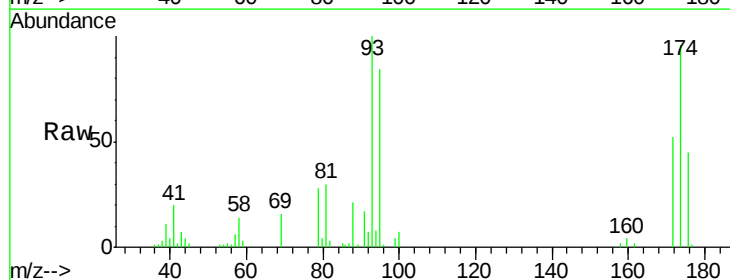
Tgt Ion: 93 Resp: 21589

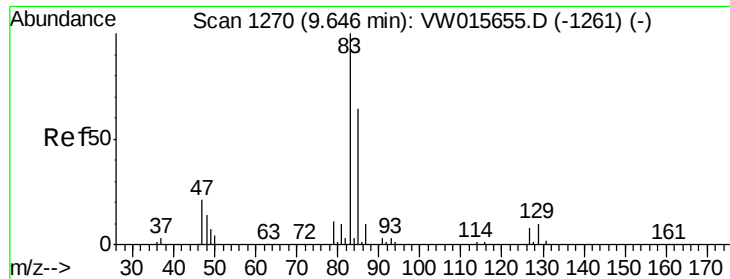
Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

174 97.2 79.0 118.6





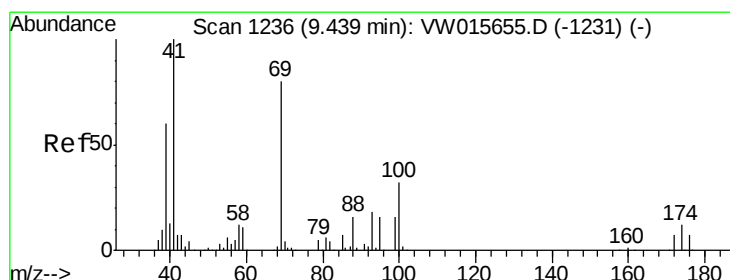
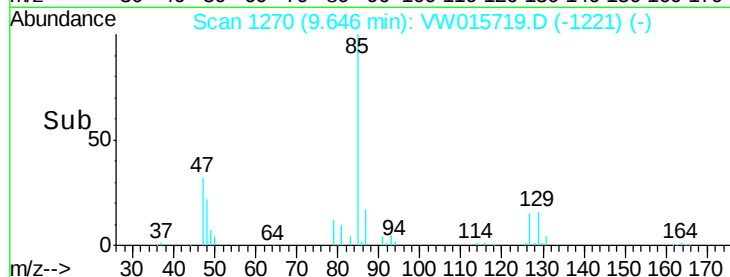
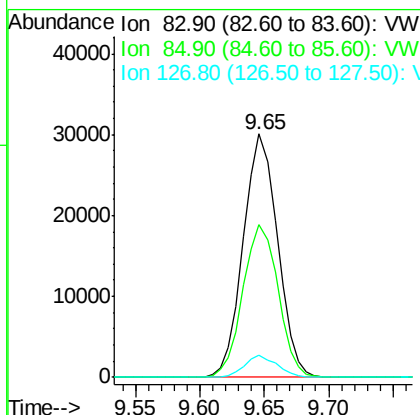
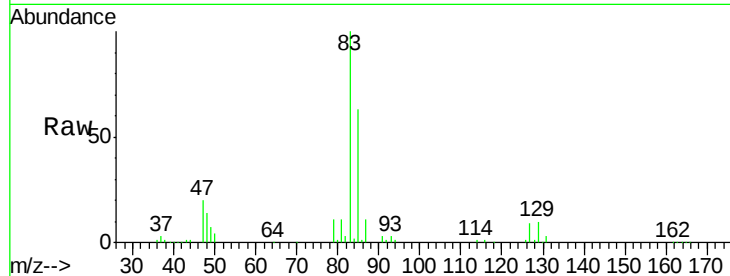
#47
 Bromodichloromethane
 Concen: 20.078 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	83	Resp	55659
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	50.8	76.2
127	9.1	6.3	9.5

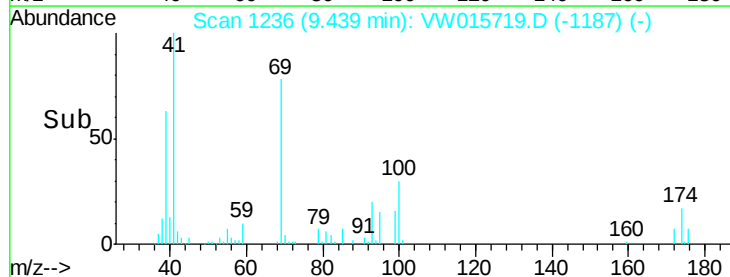
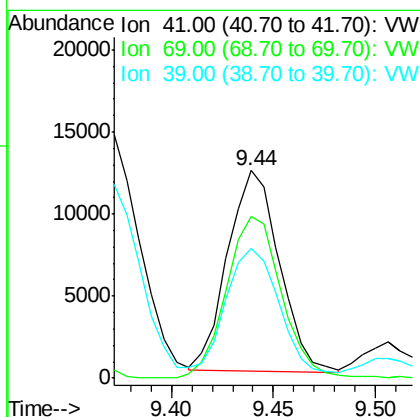
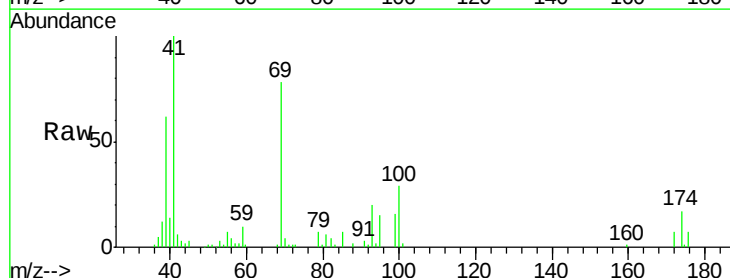
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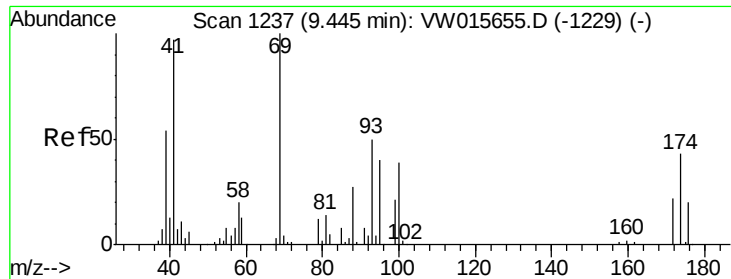
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#48
 Methyl methacrylate
 Concen: 20.014 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	41	Resp	21548
Ion Ratio	100	Lower	Upper
41	100		
69	85.6	68.2	102.2
39	62.2	49.8	74.6





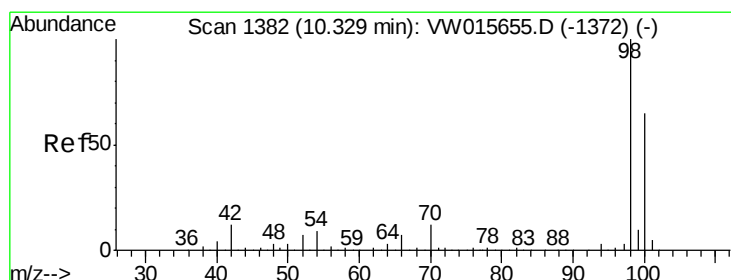
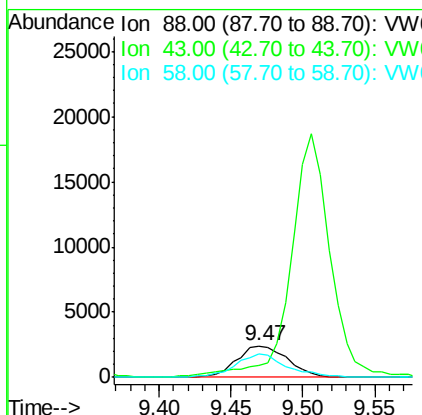
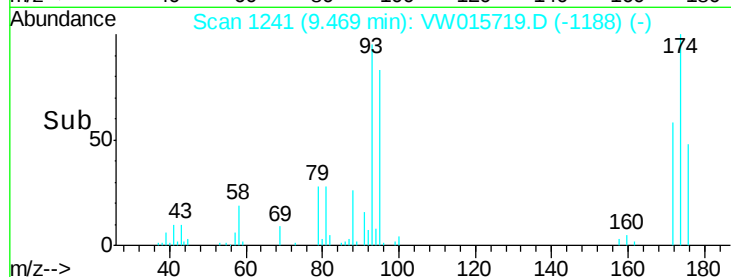
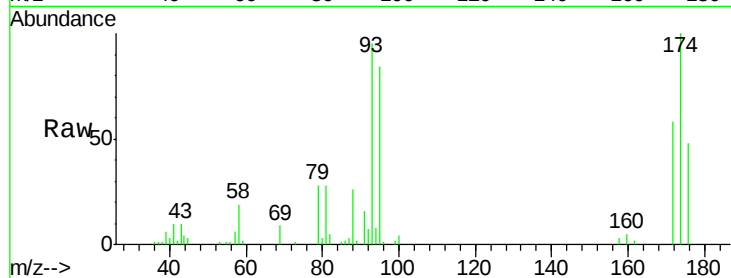
#49
1,4-Dioxane
Concen: 425.267 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.02 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.1	45.1#
58	75.5	56.1	84.1

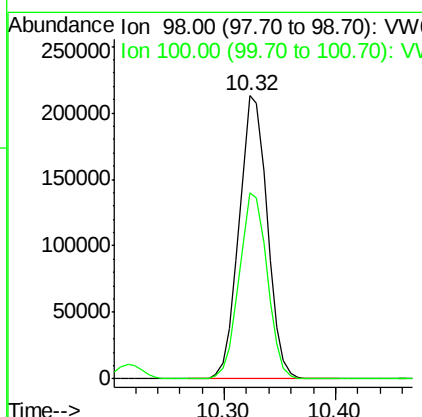
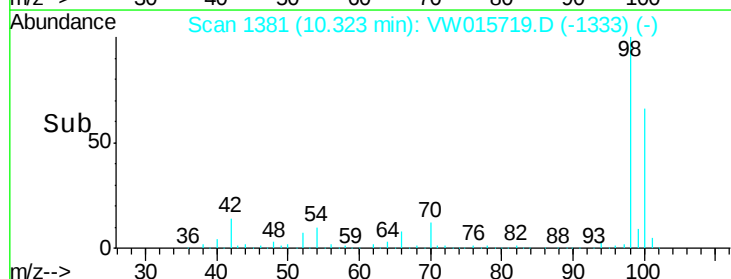
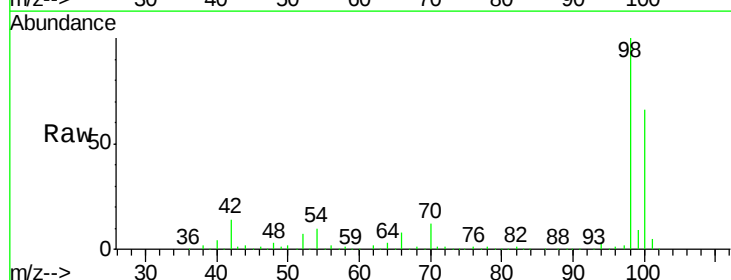
Manual Integrations
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#50
Toluene-d8
Concen: 50.903 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 99.966 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 43 Resp: 113526

Ion Ratio Lower Upper

43 100

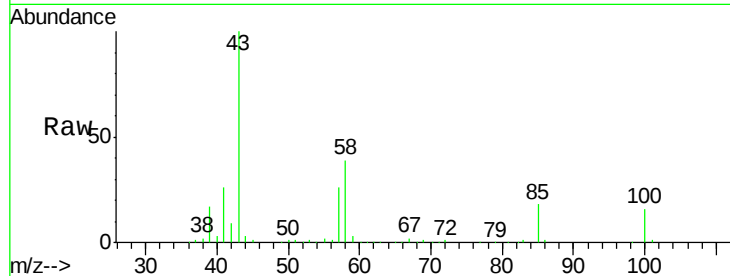
58 38.3 31.2 46.8

Manual Integrations

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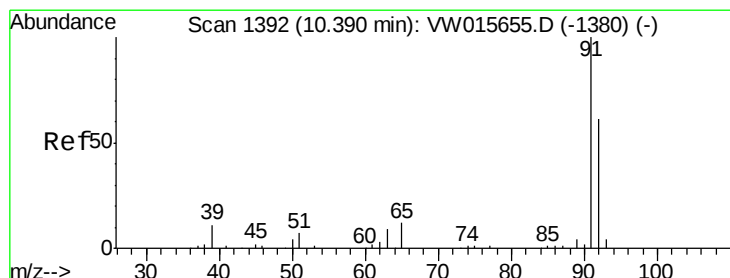
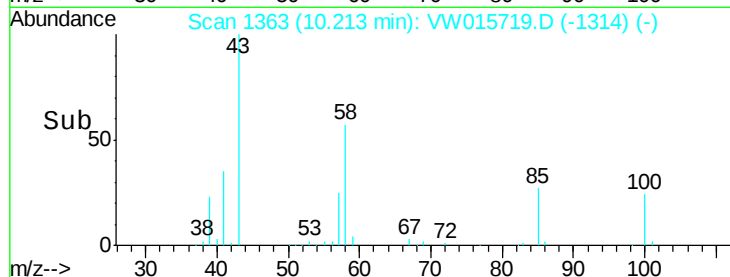
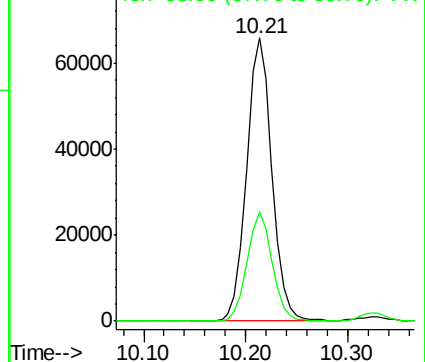
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.177 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015719.D

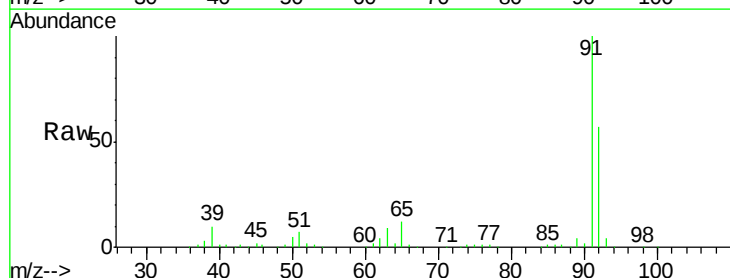
Acq: 25 Jun 2020 11:03

Tgt Ion: 92 Resp: 114911

Ion Ratio Lower Upper

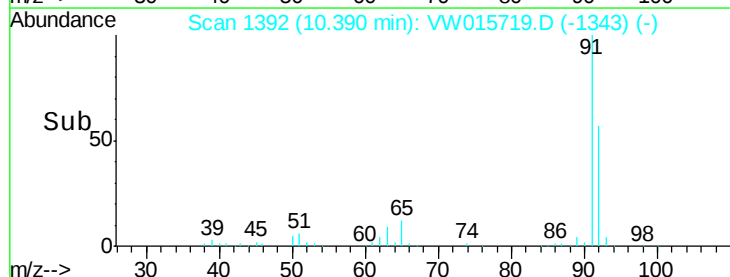
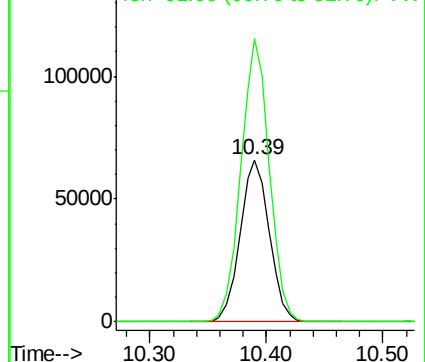
92 100

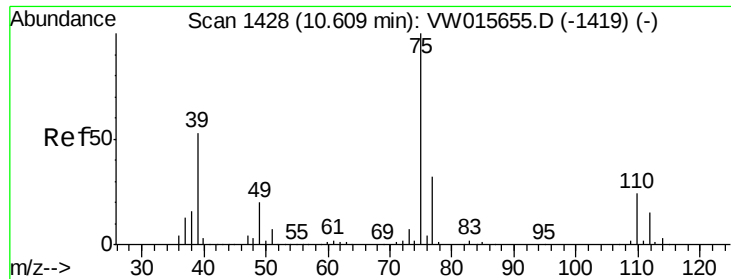
91 170.2 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





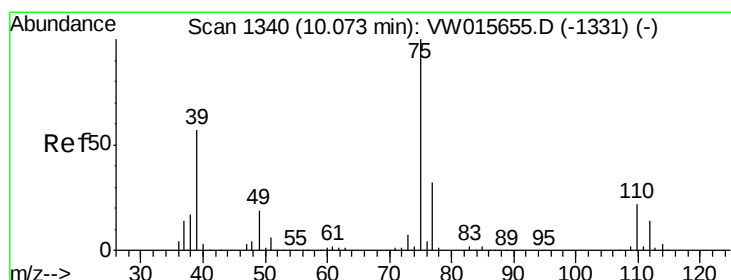
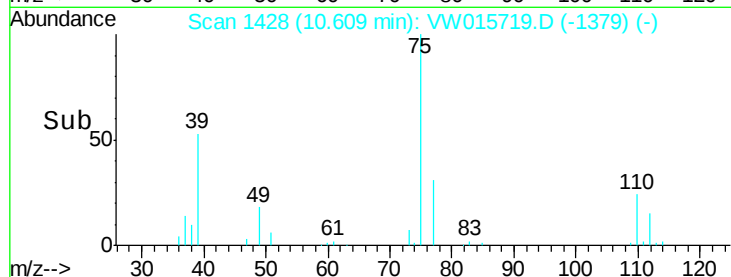
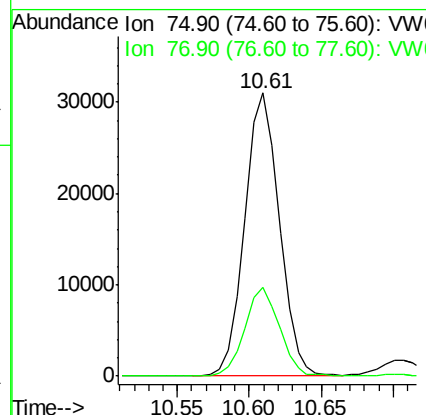
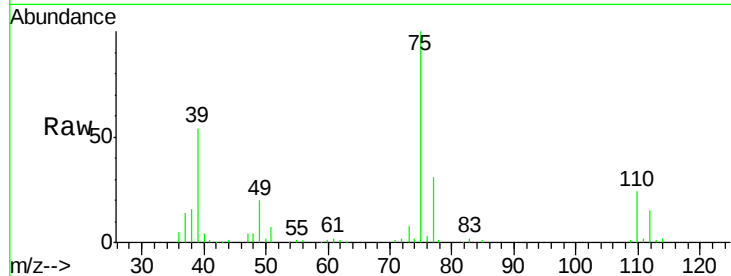
#53
 t-1,3-Dichloropropene
 Concen: 19.285 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion: 75 Resp: 51647
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9

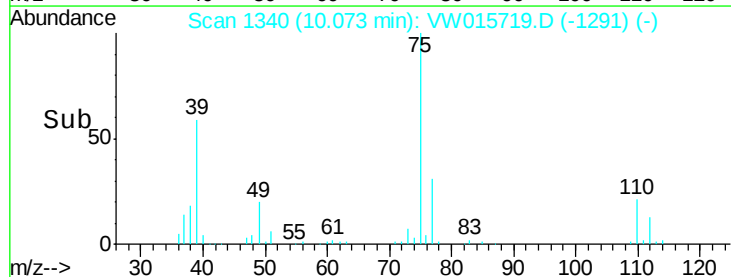
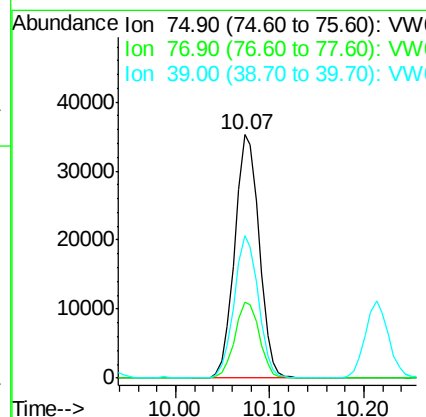
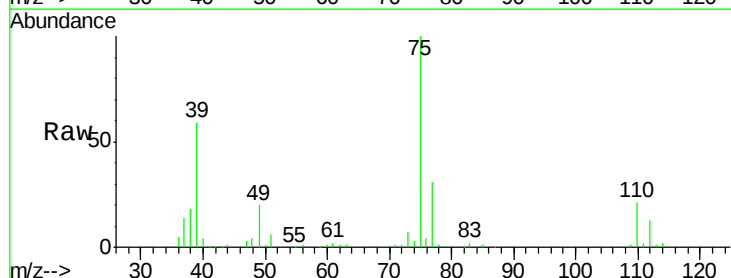
Manual Integrations
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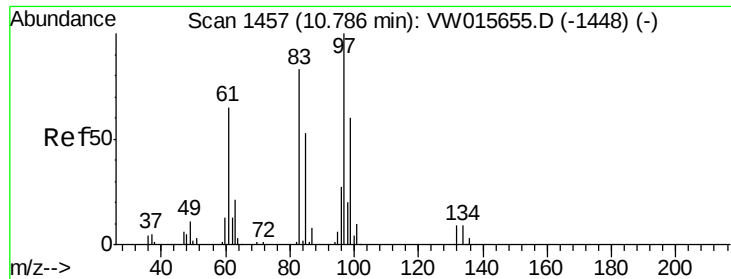
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#54
 cis-1,3-Dichloropropene
 Concen: 19.957 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 75 Resp: 63850
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2
 39 58.8 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 20.560 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

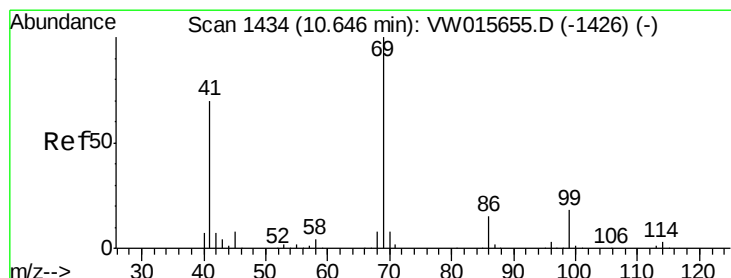
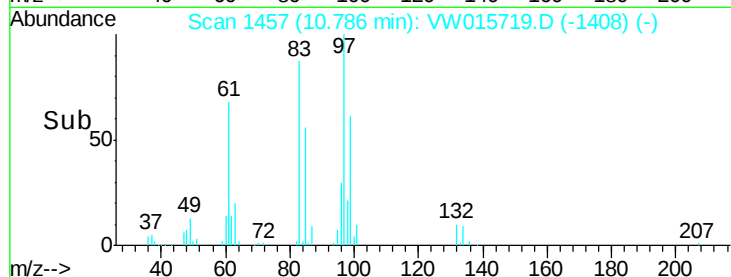
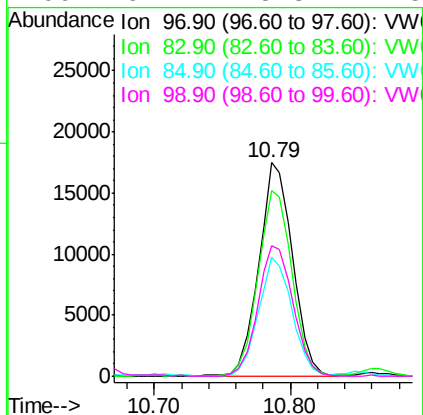
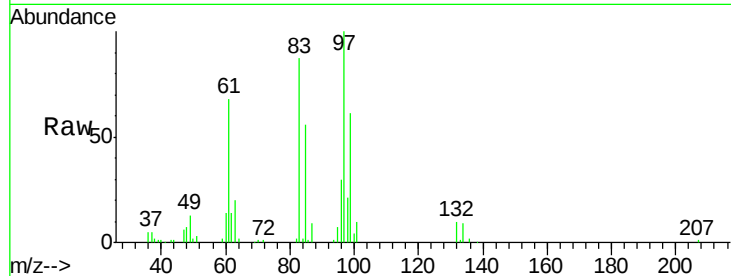
ClientSampleId :

VW0625SBS01

Tot Ion:	97	Resp:	30381
Ion	Ratio	Lower	Upper
97	100		
83	87.0	66.3	99.5
85	55.4	42.5	63.7
99	61.2	48.3	72.5

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#56

Ethyl methacrylate

Concen: 20.195 ug/l

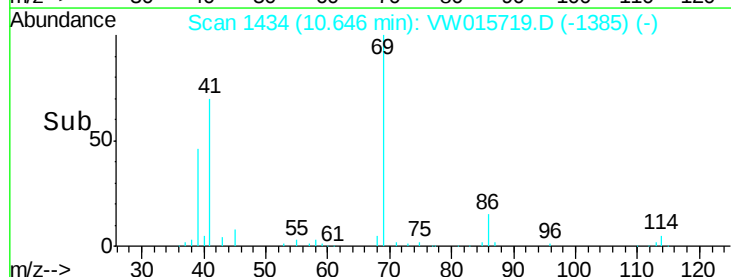
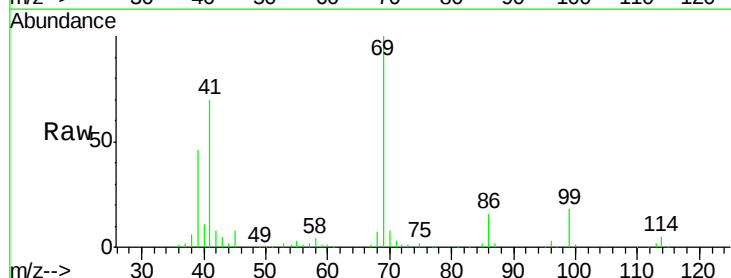
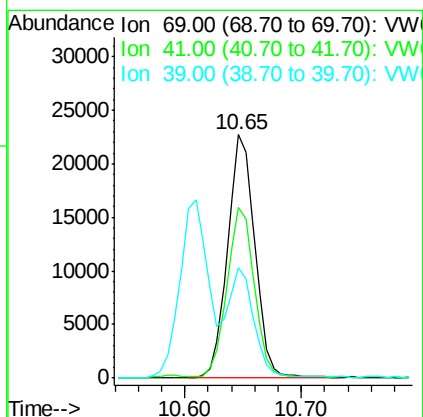
RT: 10.65 min Scan# 1434

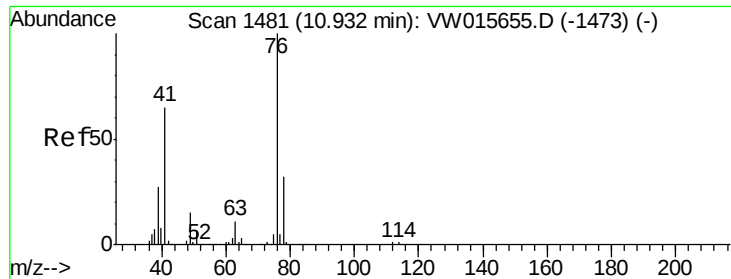
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	69	Resp:	37129
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.8	83.6
39	43.8	29.5	44.3





#57

1,3-Dichloropropane

Concen: 20.820 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion: 76 Resp: 54541

Ion Ratio Lower Upper

76 100

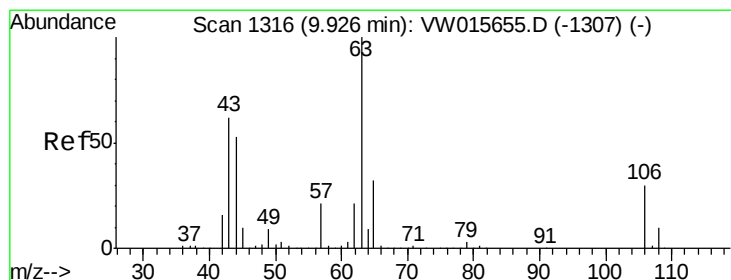
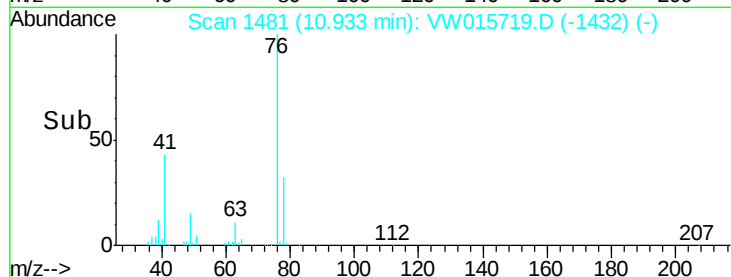
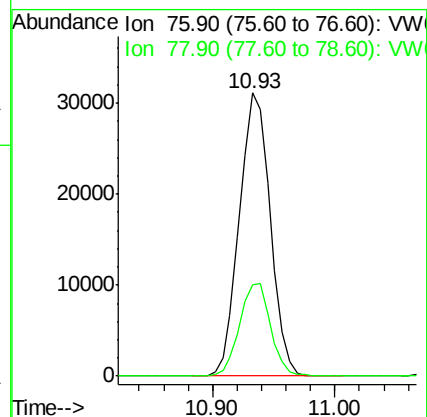
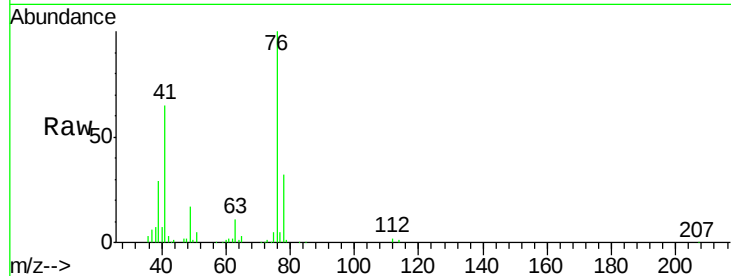
78 32.7 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 105.862 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW015719.D

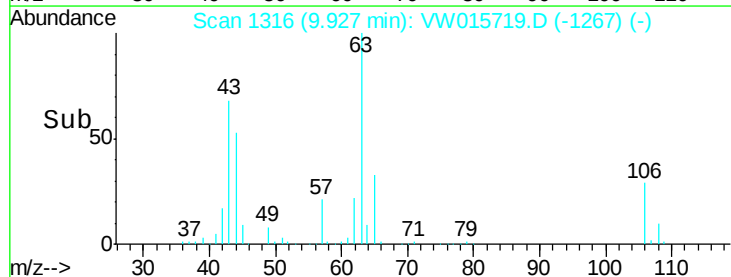
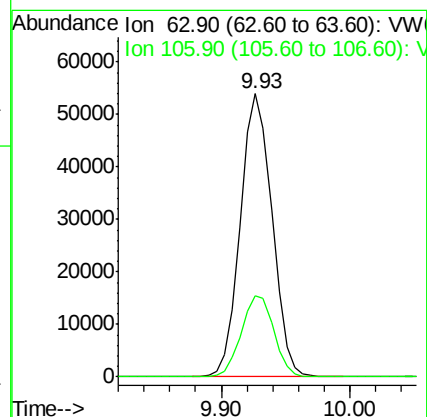
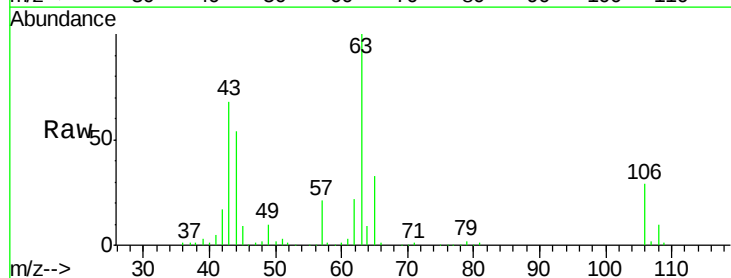
Acq: 25 Jun 2020 11:03

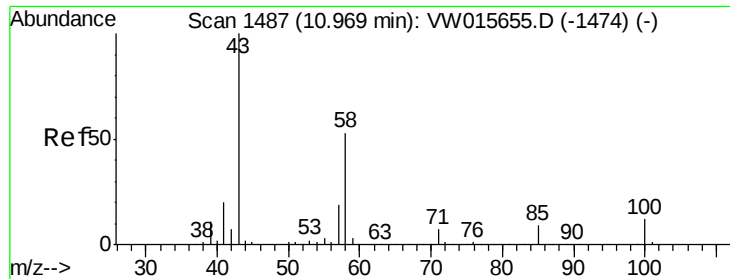
Tgt Ion: 63 Resp: 92106

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





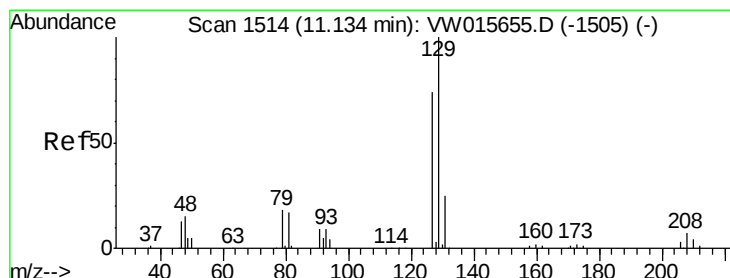
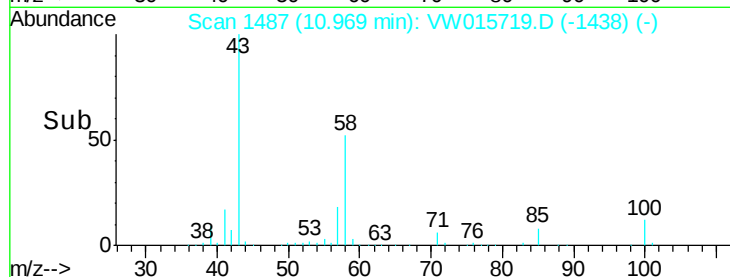
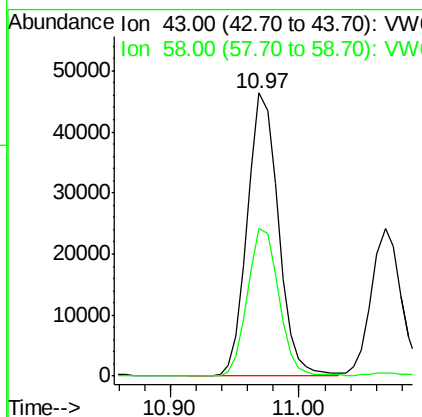
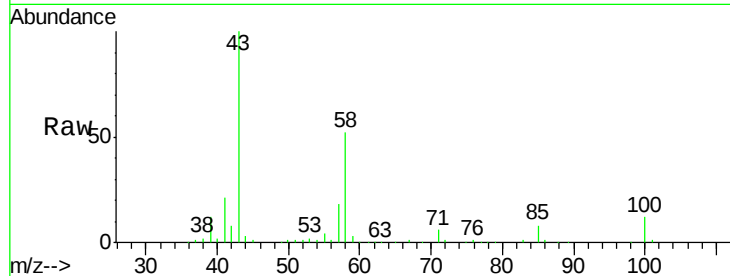
#59
2-Hexanone
Concen: 100.082 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 43 Resp: 77378
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4

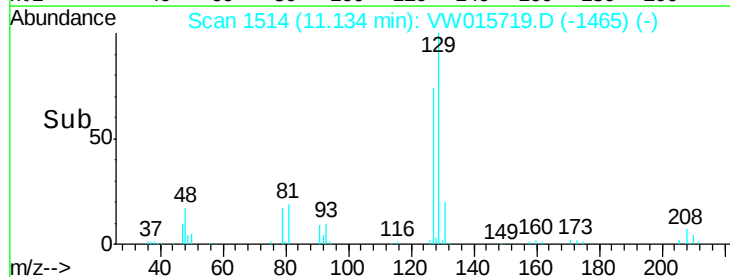
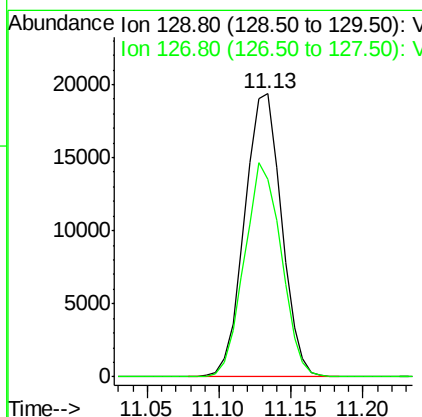
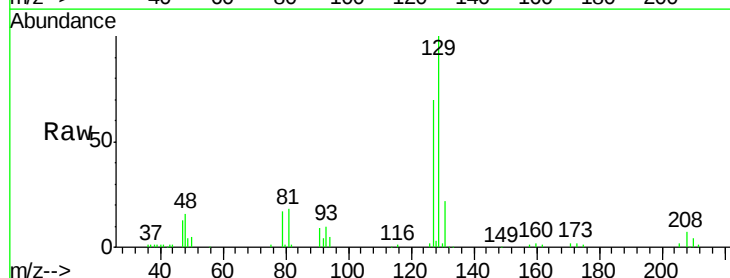
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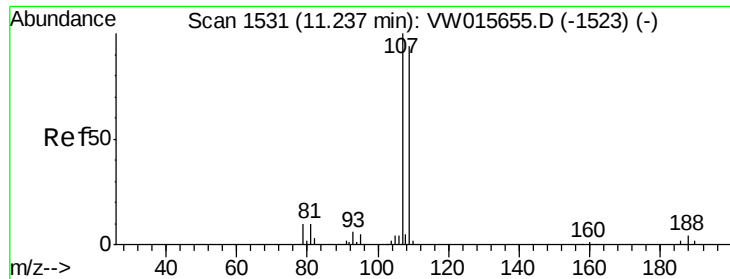
MMDadoda
6/26/2020 11:21:18 AM



#60
Dibromochloromethane
Concen: 19.999 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 129 Resp: 34438
Ion Ratio Lower Upper
129 100
127 75.5 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.597 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

Tot Ion: 107 Resp: 29092

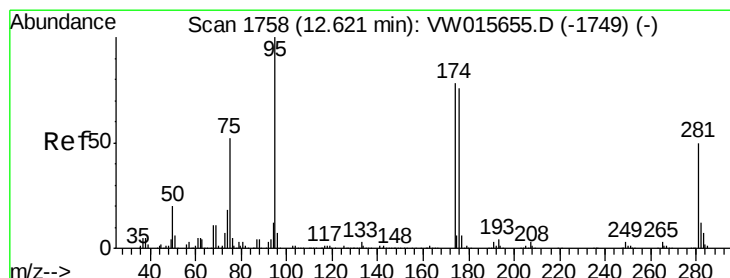
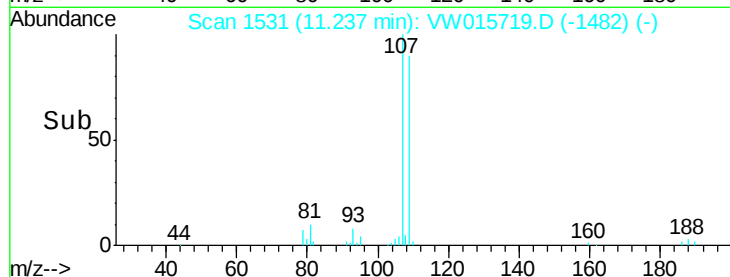
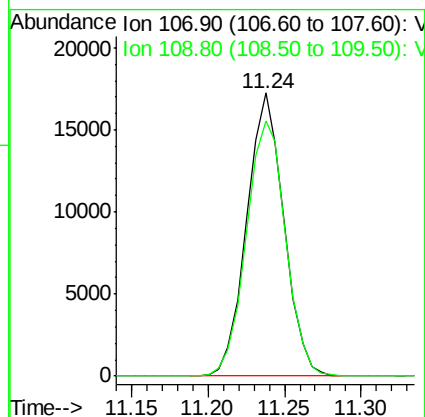
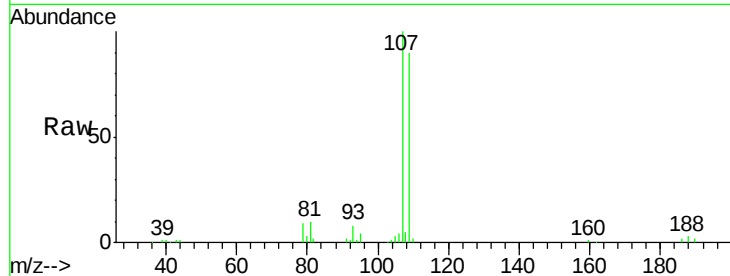
Ion Ratio Lower Upper

107 100

109 95.1 74.9 112.3

Manual Integrations
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MMDadoda
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#62

4-Bromofluorobenzene

Concen: 51.294 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

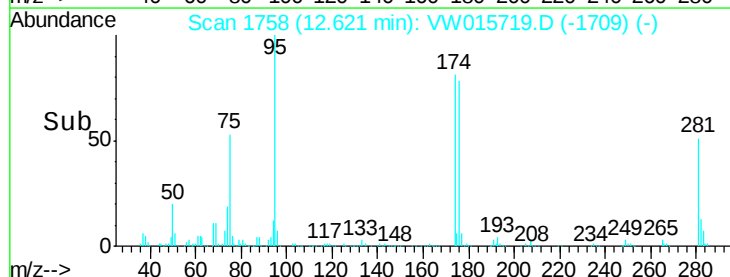
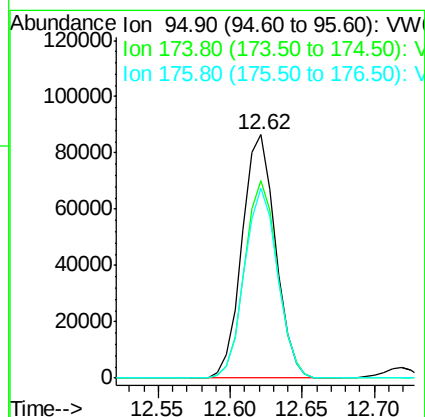
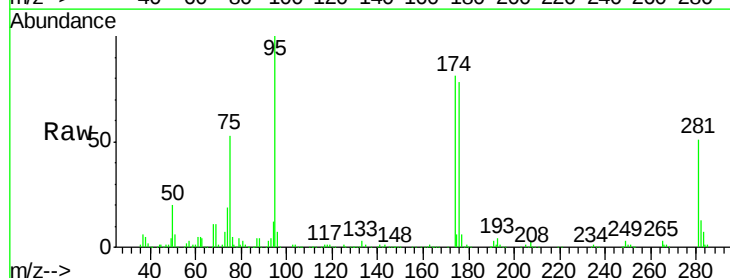
Tgt Ion: 95 Resp: 138950

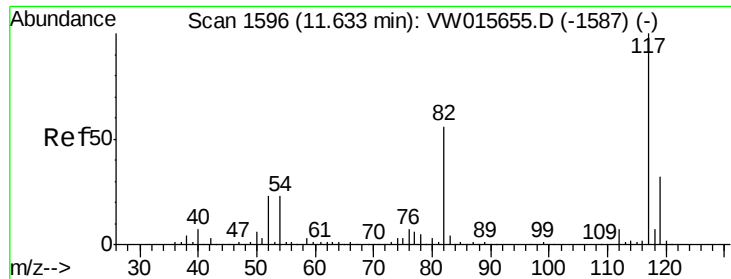
Ion Ratio Lower Upper

95 100

174 79.8 0.0 157.0

176 77.6 0.0 151.4





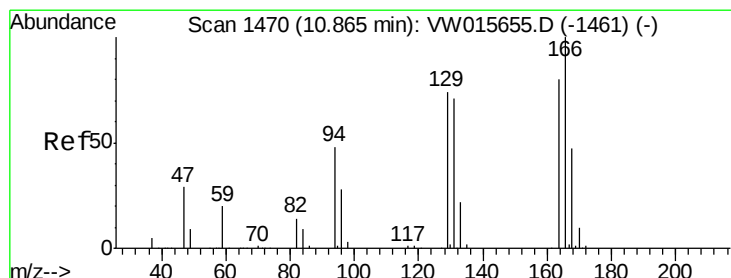
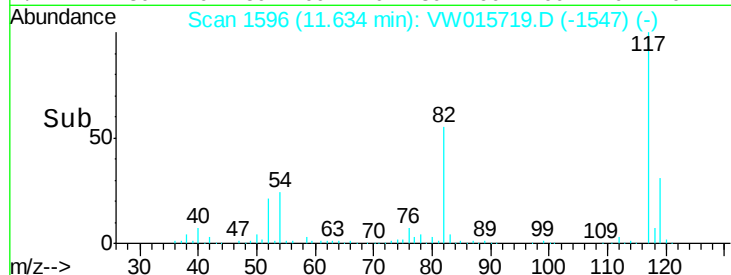
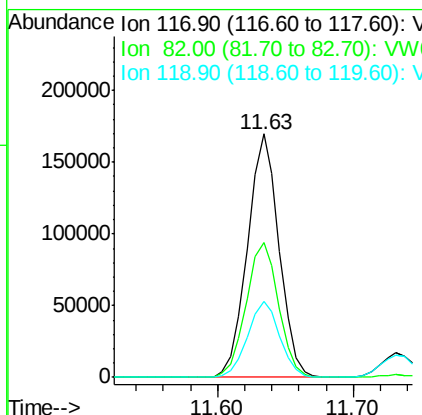
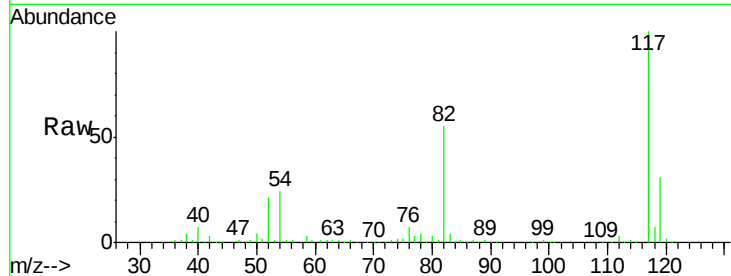
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.1	67.7
119	31.2	25.8	38.8

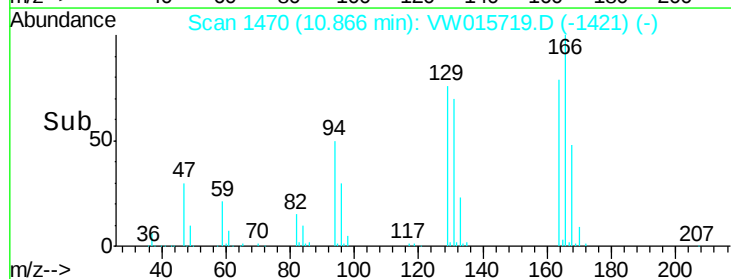
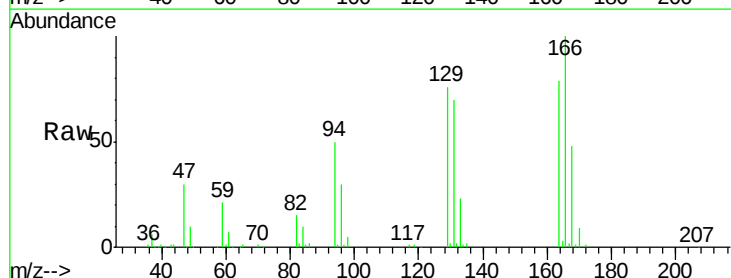
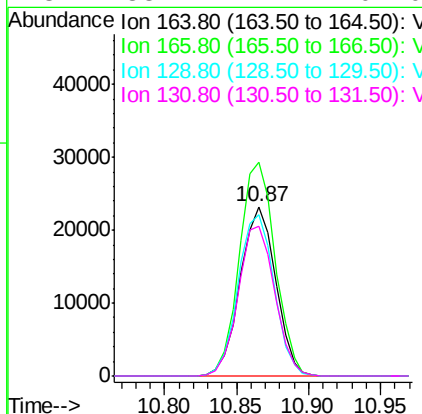
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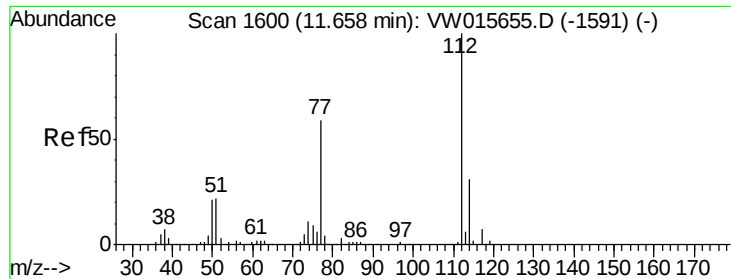
MMDadoda
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#64
Tetrachloroethene
Concen: 20.529 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.9	149.9
129	95.3	74.2	111.2
131	88.7	71.4	107.0





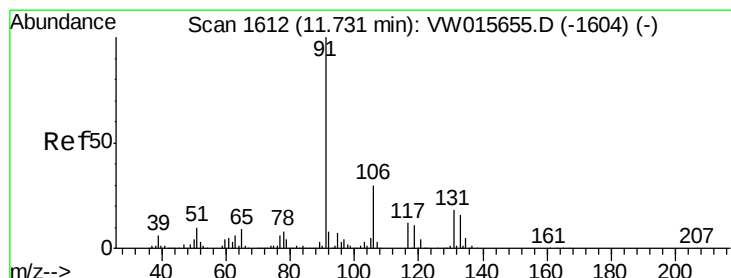
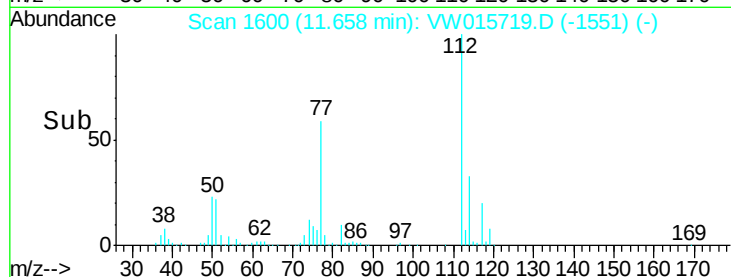
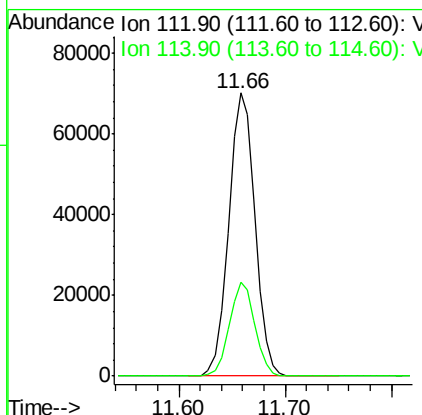
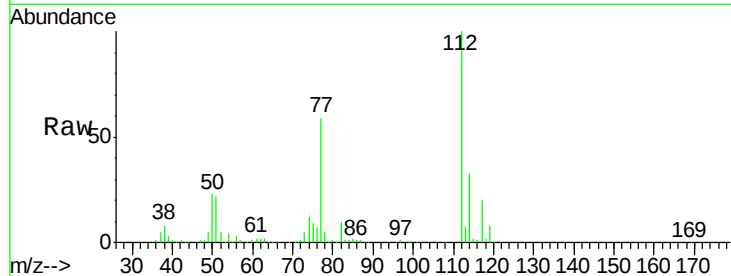
#65
Chlorobenzene
Concen: 20.786 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion:112 Resp: 120710
Ion Ratio Lower Upper
112 100
114 33.3 24.9 37.3

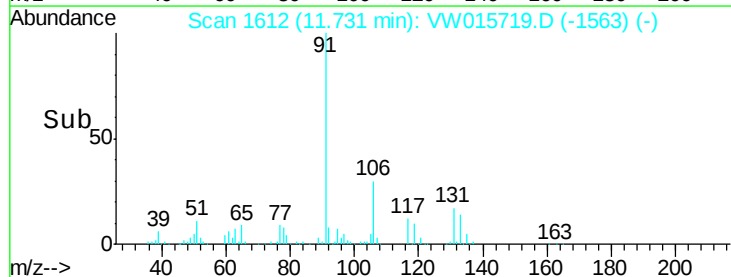
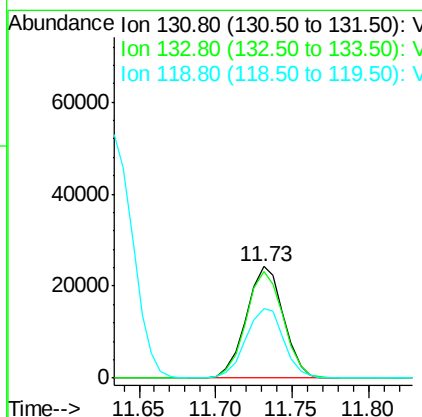
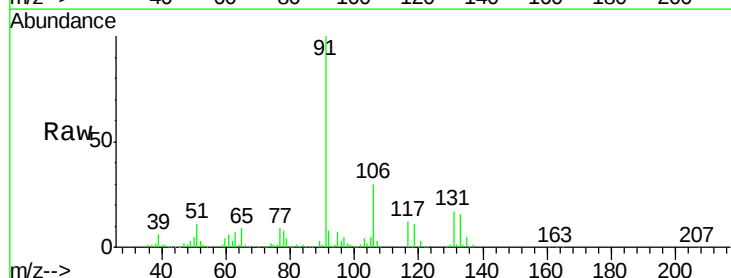
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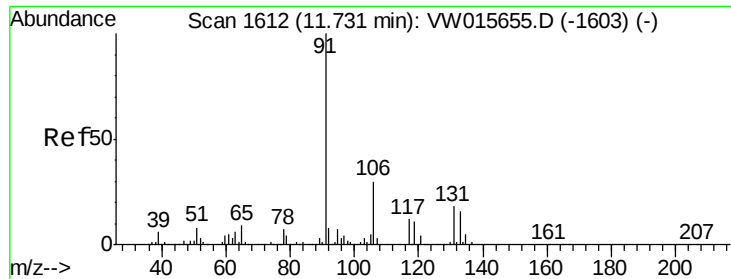
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:131 Resp: 40977
Ion Ratio Lower Upper
131 100
133 95.3 46.5 139.5
119 64.1 32.5 97.5





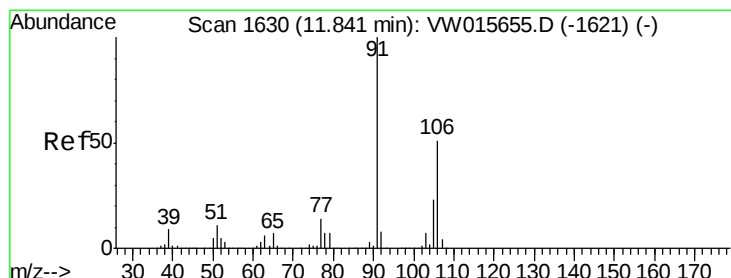
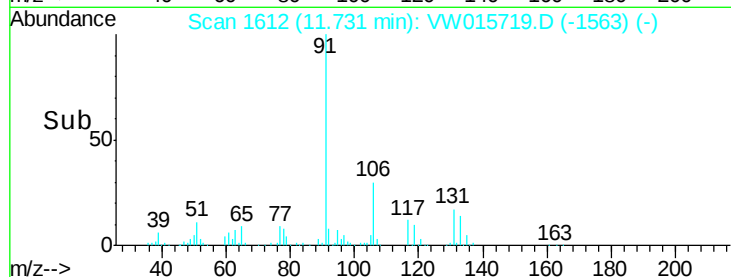
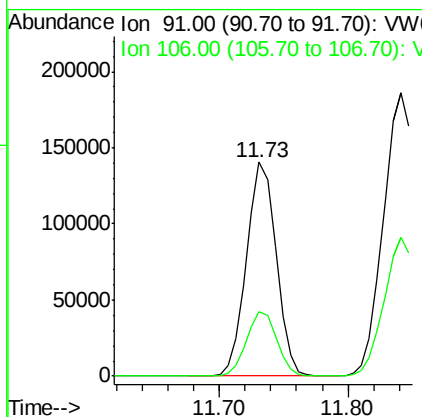
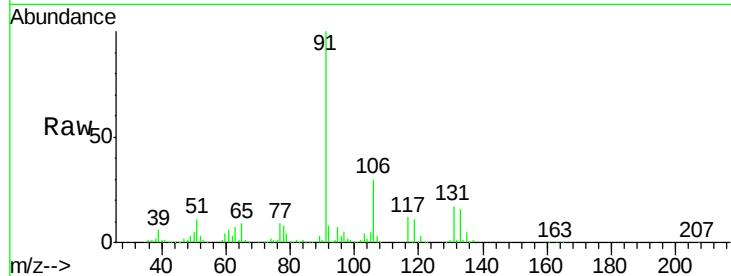
#67
Ethyl Benzene
Concen: 20.689 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 91 Resp: 223594
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

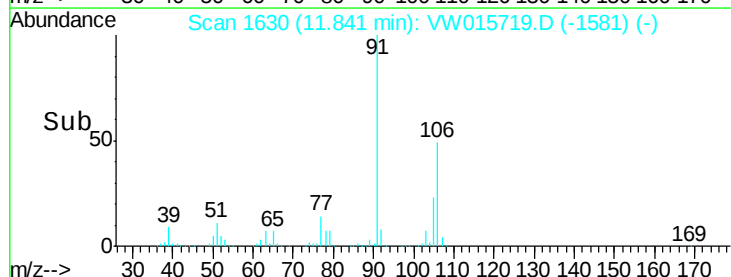
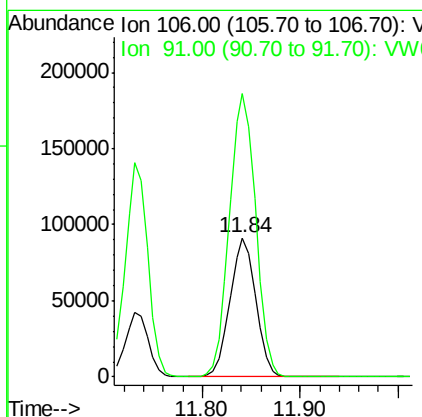
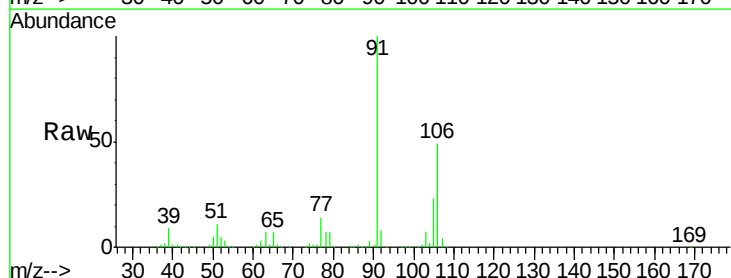
Manual Integrations
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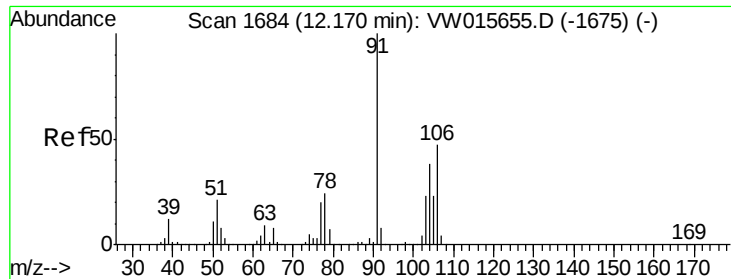
MMDadoda
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#68
m/p-Xylenes
Concen: 41.144 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 106 Resp: 166970
Ion Ratio Lower Upper
106 100
91 207.6 162.6 244.0





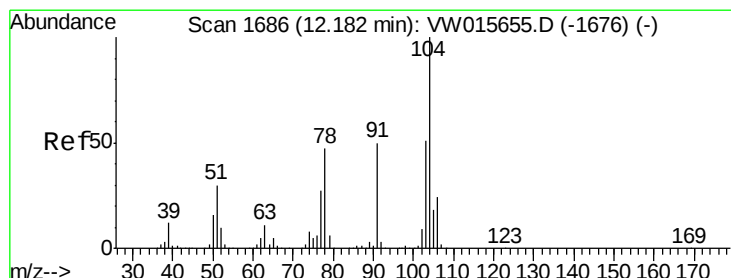
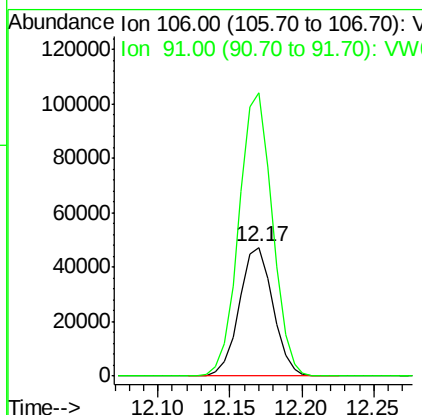
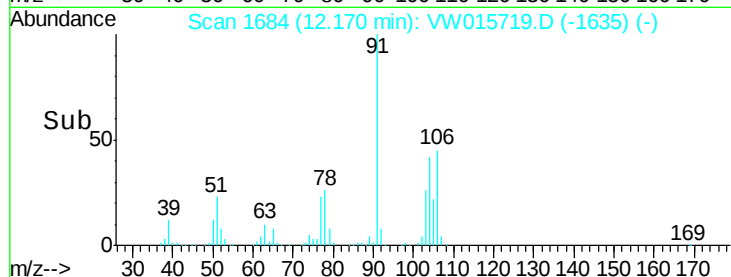
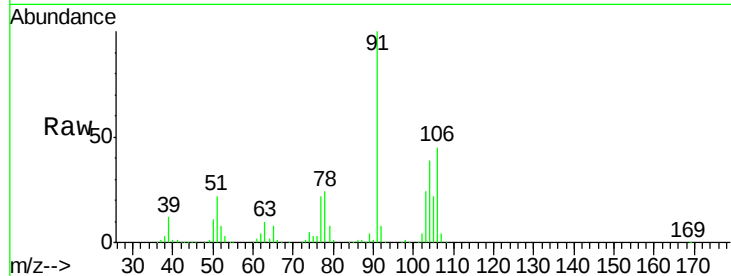
#69
o-Xylene
Concen: 20.577 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion:106 Resp: 76779
Ion Ratio Lower Upper
106 100
91 219.2 108.3 324.9

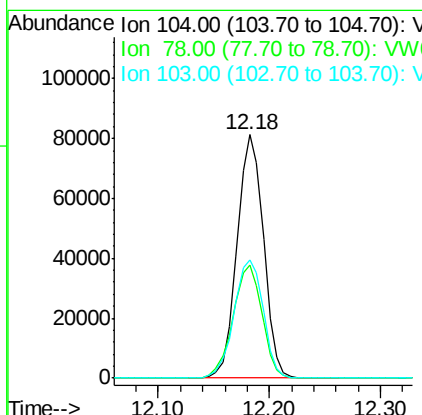
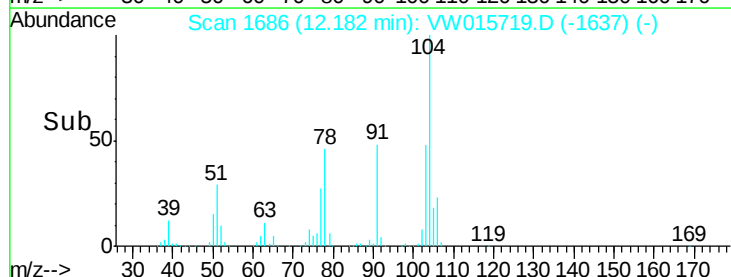
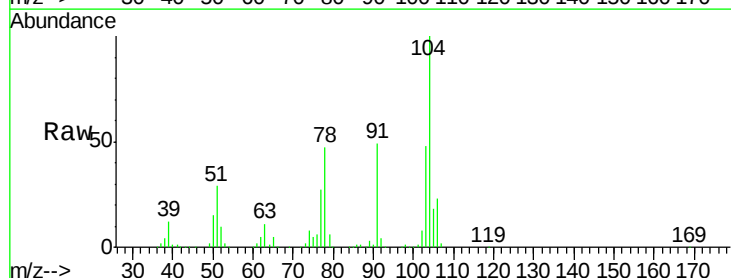
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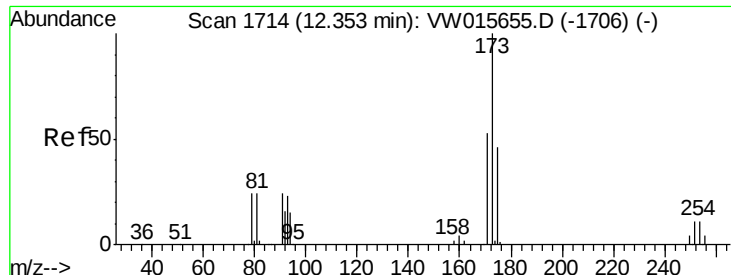
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#70
Styrene
Concen: 20.955 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion:104 Resp: 133588
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 53.5 43.1 64.7





#71

Bromoform

Concen: 18.634 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBSD01

Tot Ion:173 Resp: 17457

Ion Ratio Lower Upper

173 100

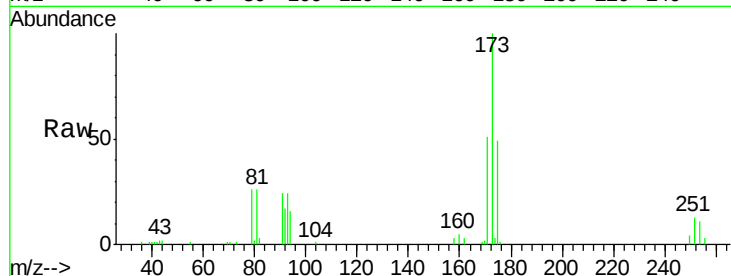
175 47.8 23.5 70.6

254 0.0 0.1 0.1#

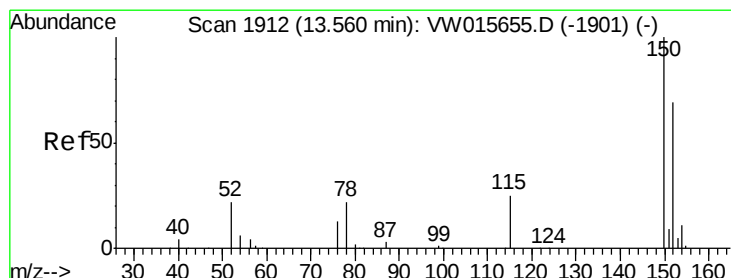
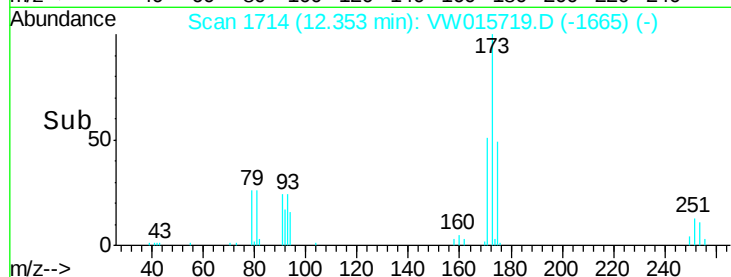
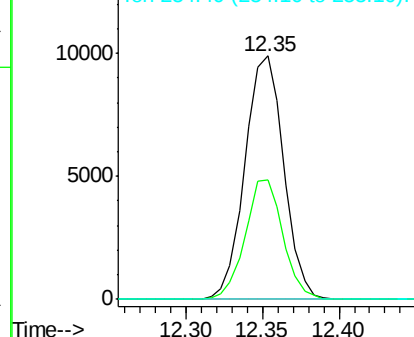
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

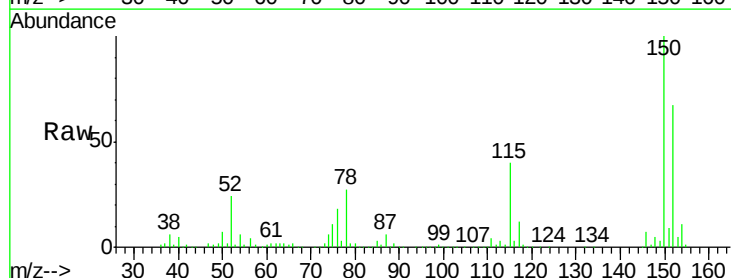
Tgt Ion:152 Resp: 145487

Ion Ratio Lower Upper

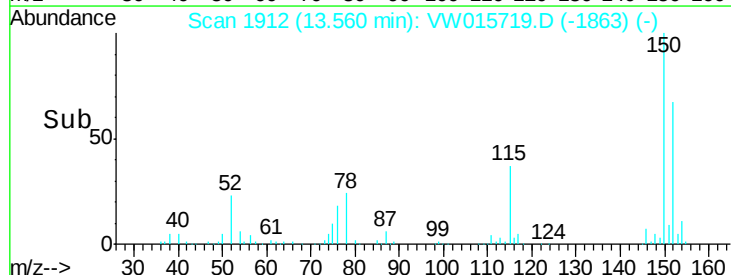
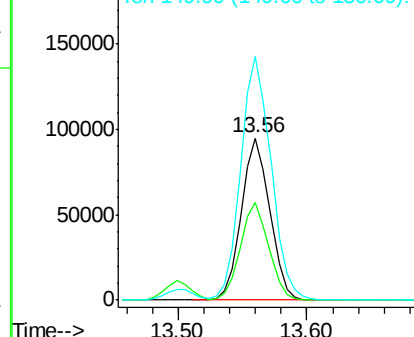
152 100

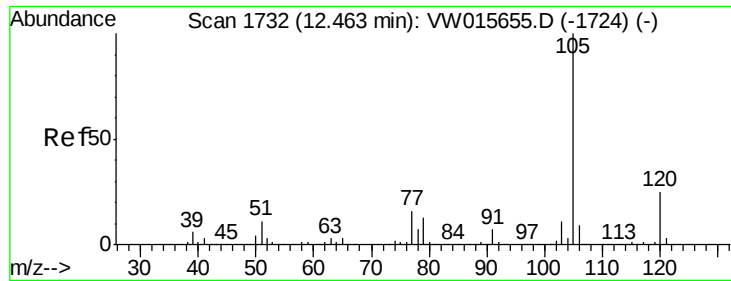
115 59.4 30.1 90.5

150 159.8 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





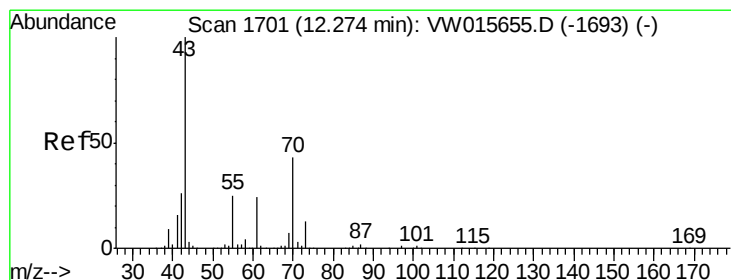
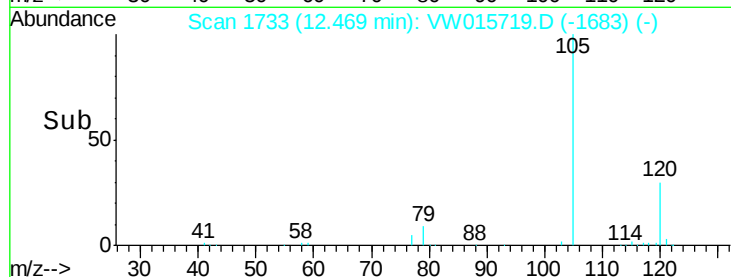
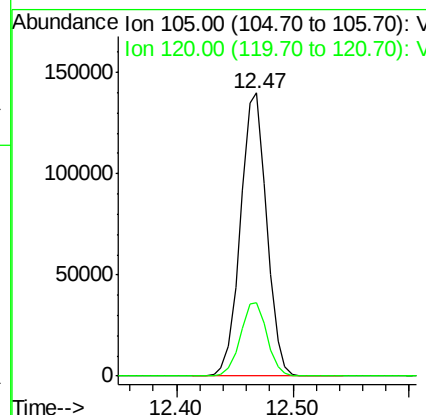
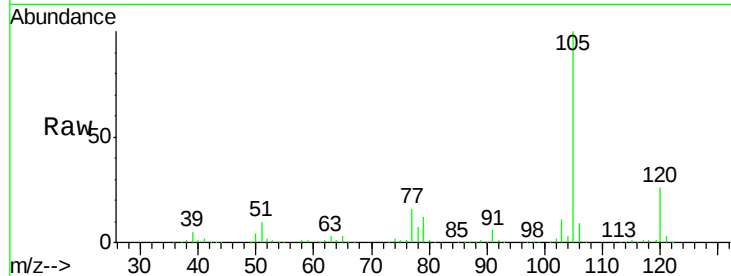
#73
Isopropylbenzene
Concen: 19.766 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion: 105 Resp: 219370
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

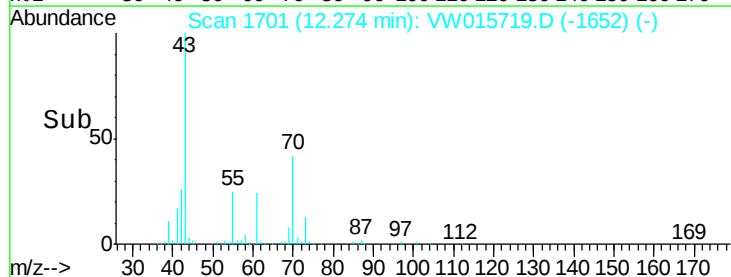
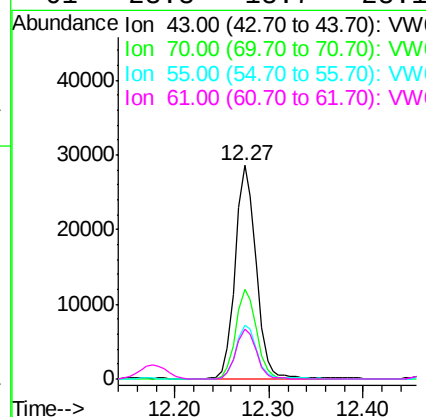
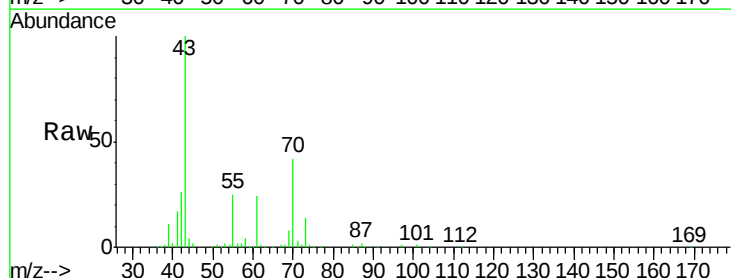
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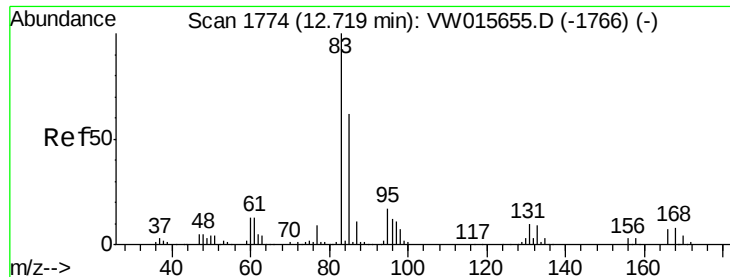
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#74
N-ethyl acetate
Concen: 18.846 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion: 43 Resp: 44338
Ion Ratio Lower Upper
43 100
70 41.7 33.6 50.4
55 24.8 19.7 29.5
61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.276 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

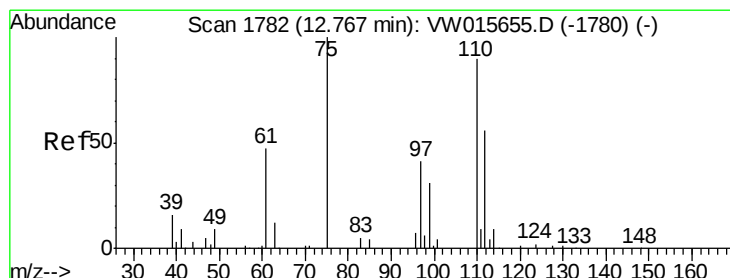
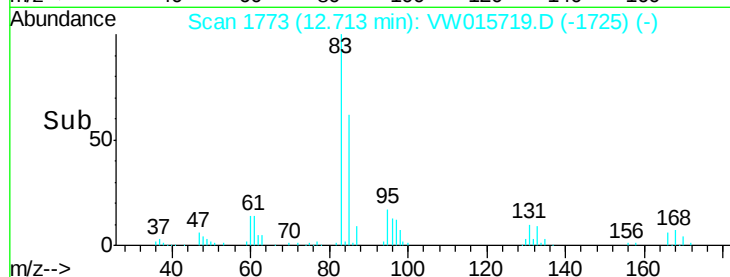
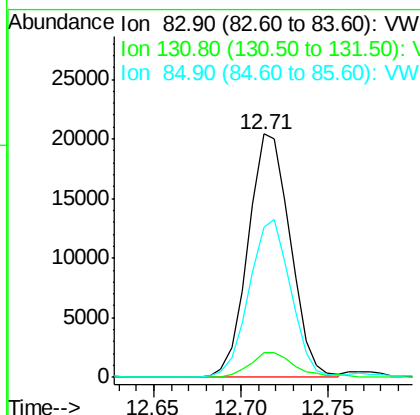
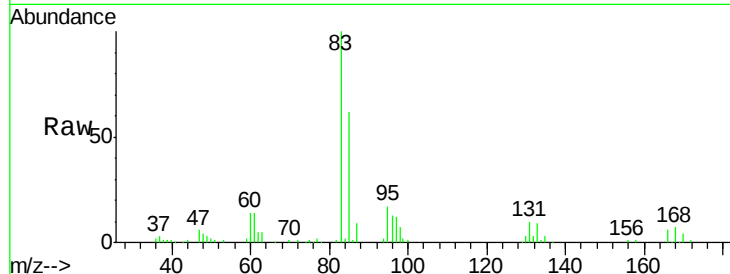
ClientSampleId :

VW0625SBSD01

Tot Ion:	83	Resp:	34224
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.367 ug/l m

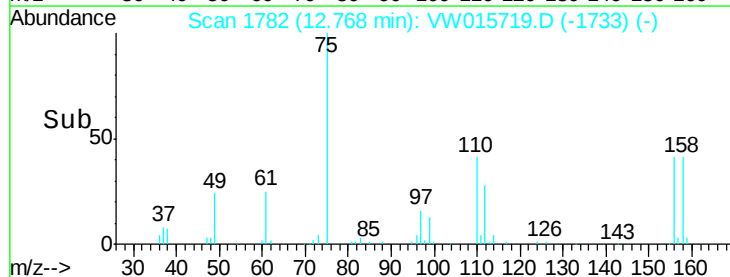
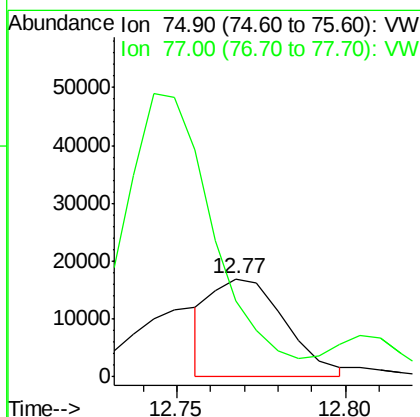
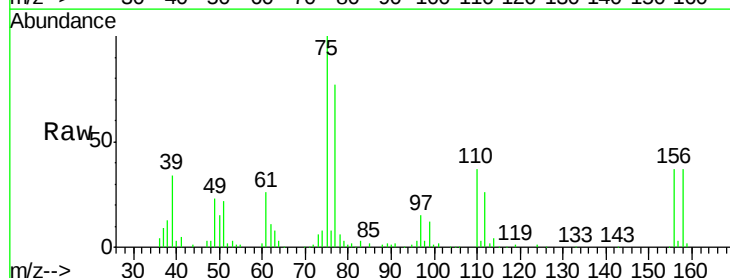
RT: 12.77 min Scan# 1782

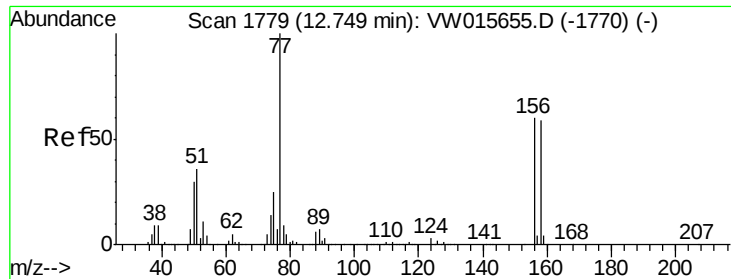
Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Tgt Ion:	75	Resp:	25701
Ion Ratio	Lower	Upper	
75	100		
77	0.0	179.1	537.1#





#77

Bromobenzene

Concen: 19.383 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015719.D

Acq: 25 Jun 2020 11:03

Instrument :

MSVOA_W

ClientSampleId :

VW0625SBS01

Tot Ion:156 Resp: 47967

Ion Ratio Lower Upper

156 100

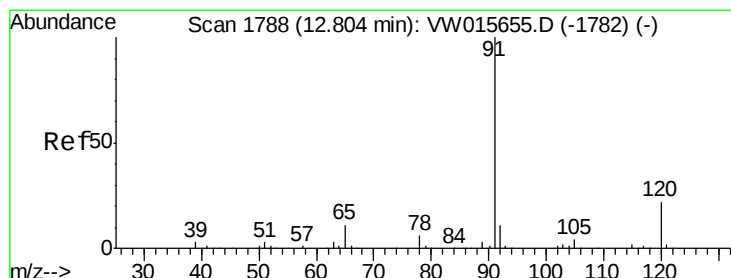
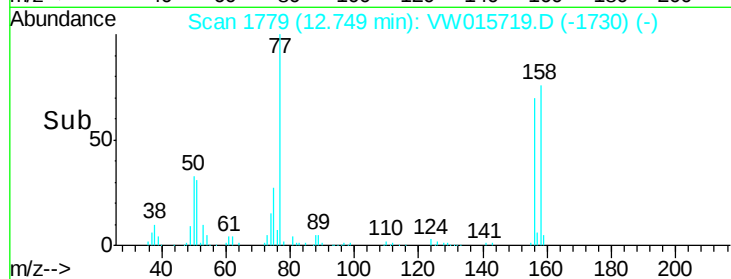
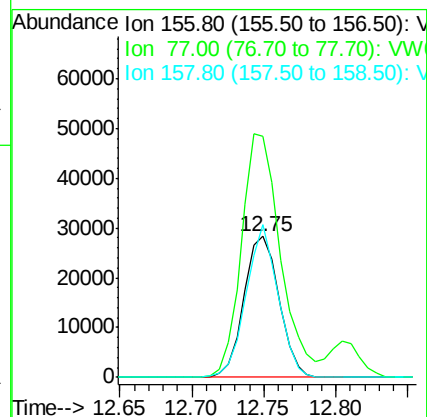
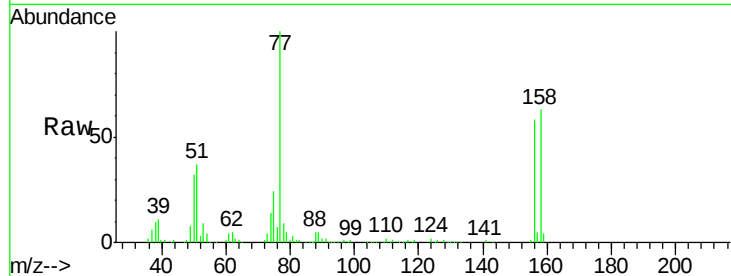
77 191.3 94.5 283.5

158 97.8 47.9 143.6

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#78

n-propylbenzene

Concen: 19.920 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015719.D

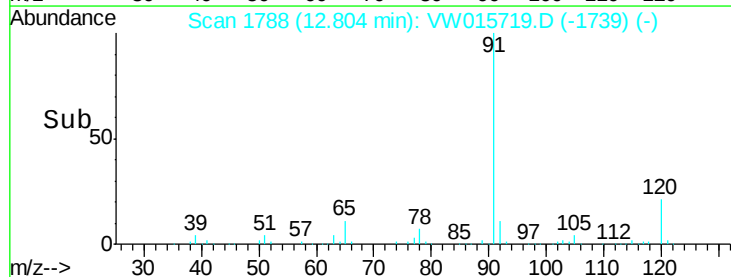
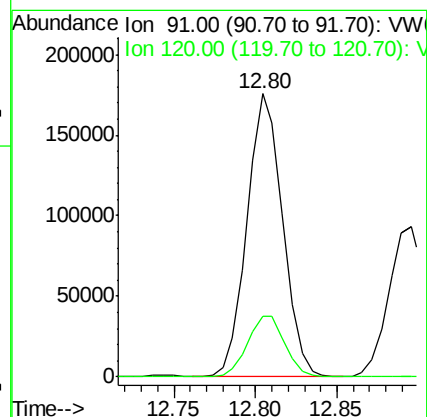
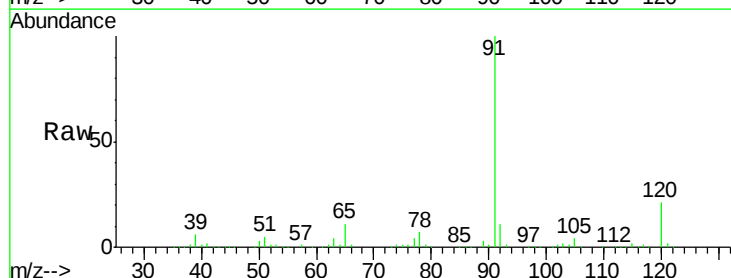
Acq: 25 Jun 2020 11:03

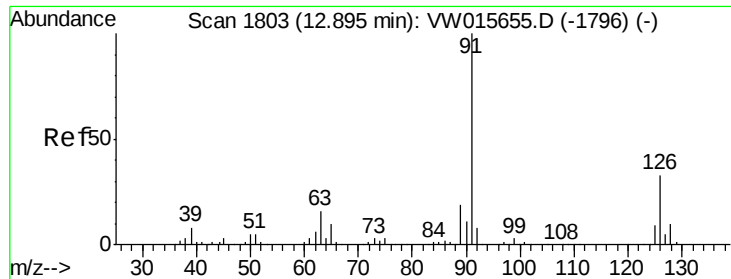
Tgt Ion: 91 Resp: 266104

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5





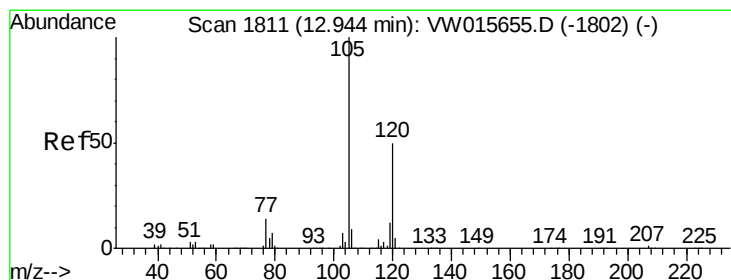
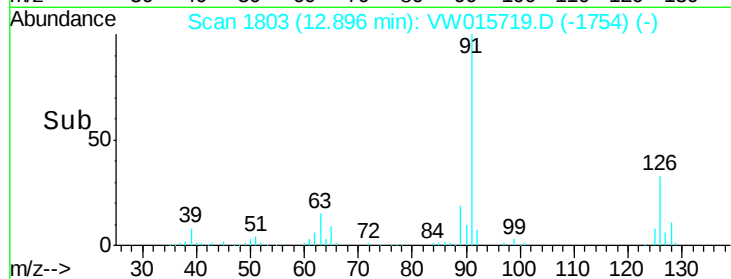
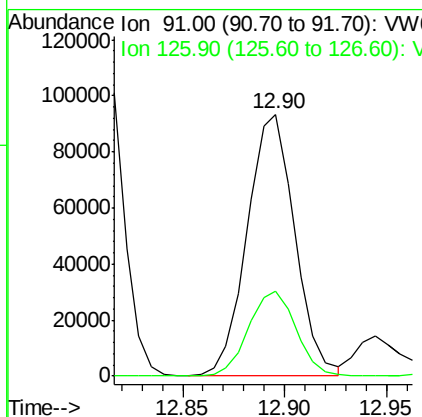
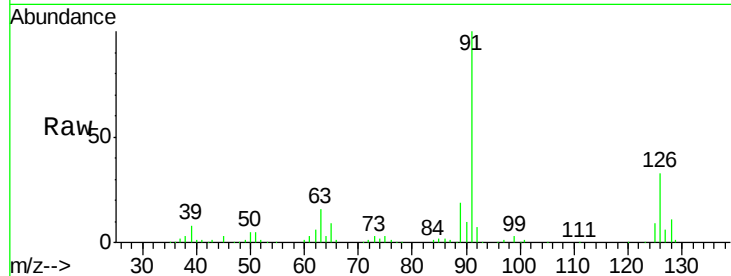
#79
 2-Chlorotoluene
 Concen: 20.137 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion: 91 Resp: 151466
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.6 49.8

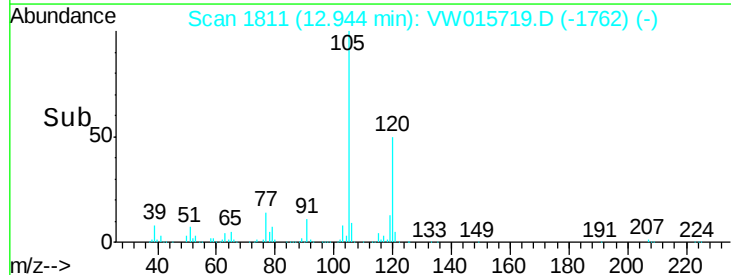
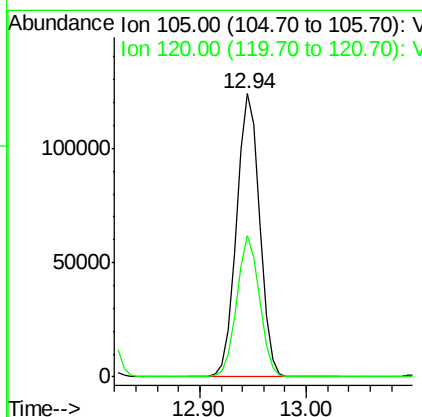
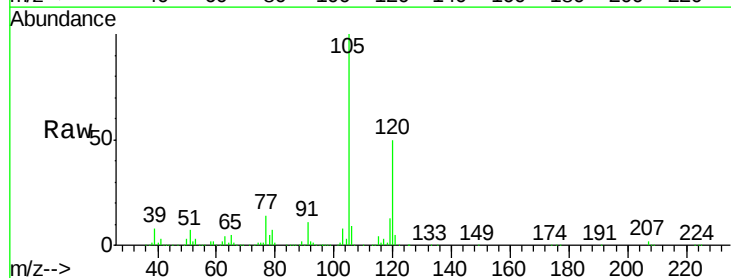
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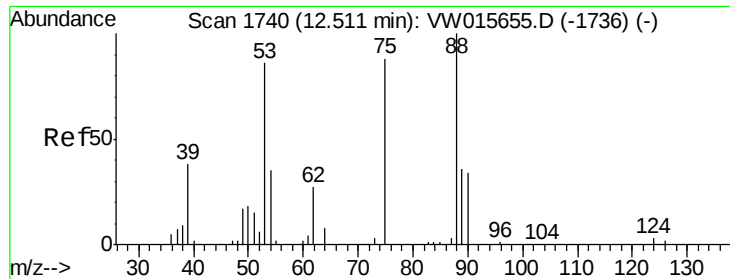
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.160 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion: 105 Resp: 189588
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2





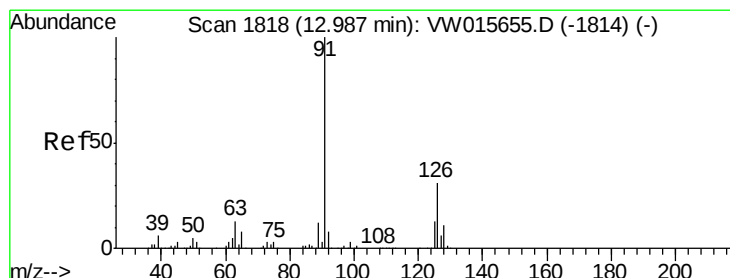
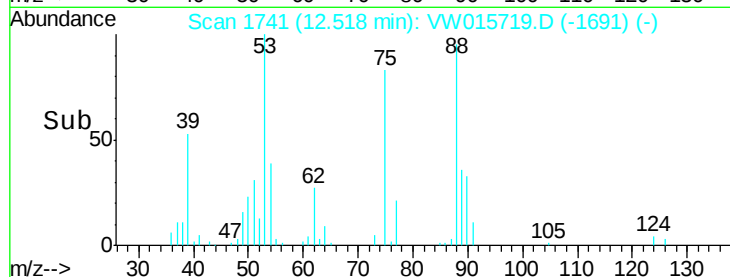
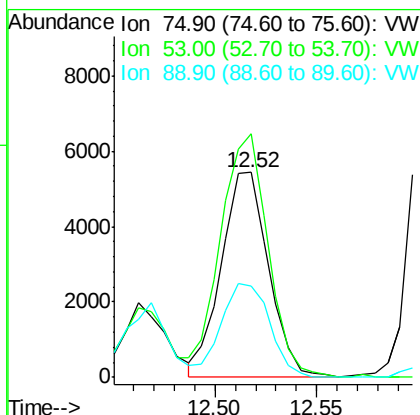
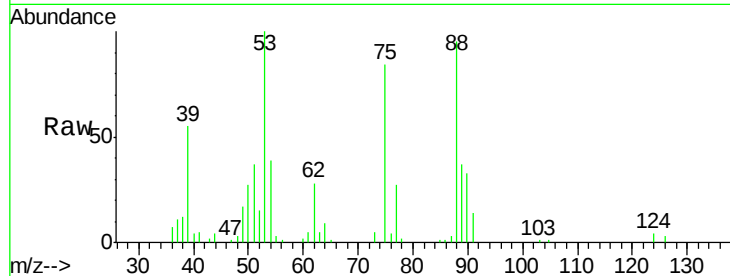
#81
trans-1,4-Dichloro-2-butene
Concen: 16.639 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	121.0	83.8	125.8
89	46.9	36.6	55.0

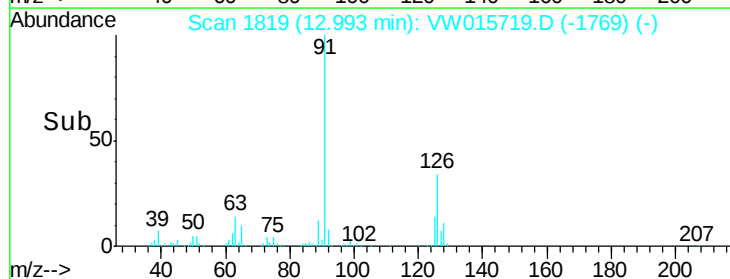
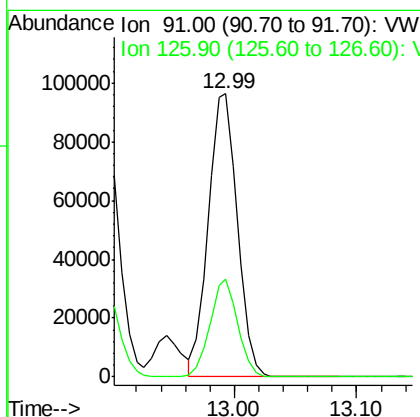
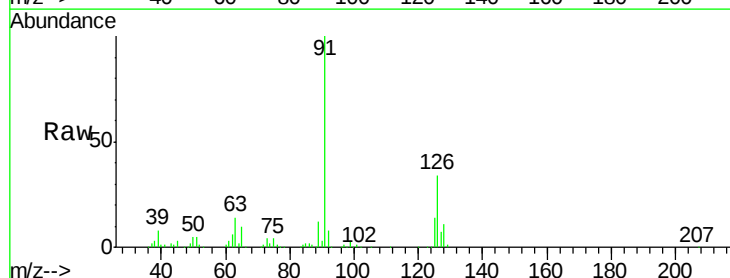
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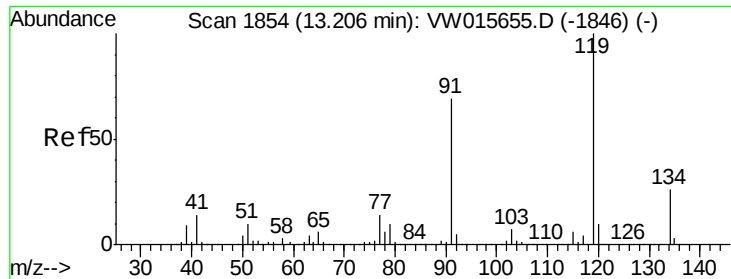
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.010 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





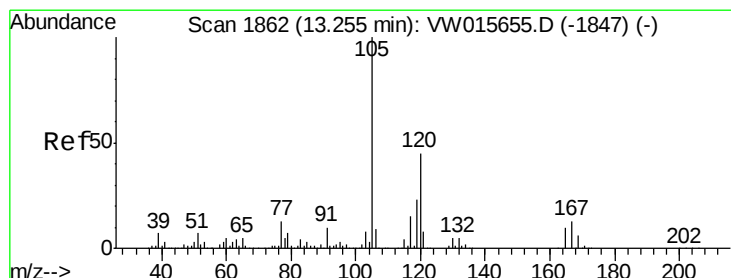
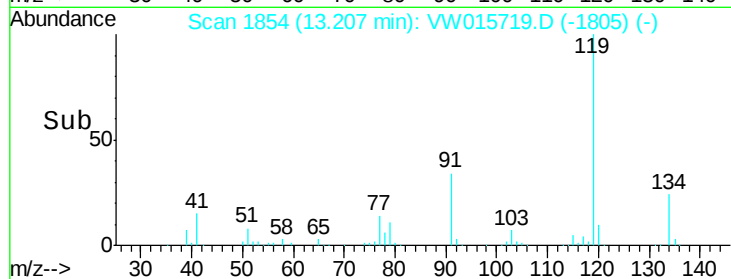
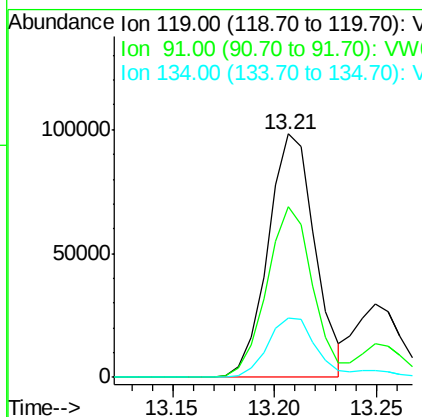
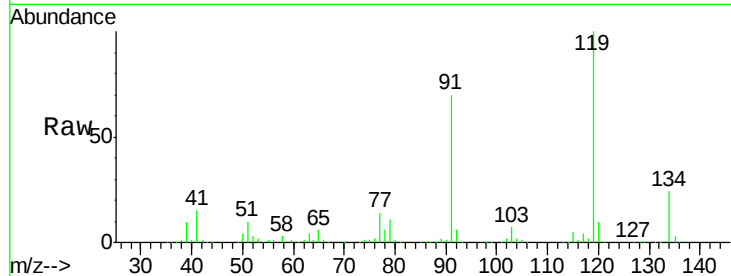
#83
 tert-Butylbenzene
 Concen: 19.808 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.7	104.1
134	25.1	13.8	41.4

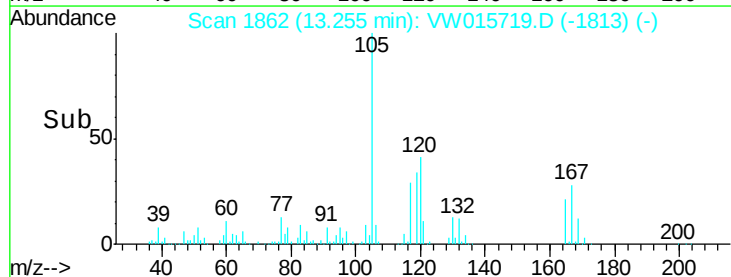
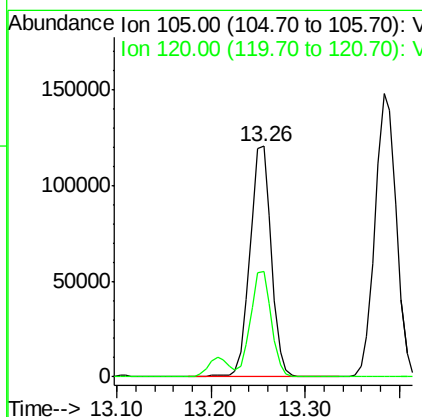
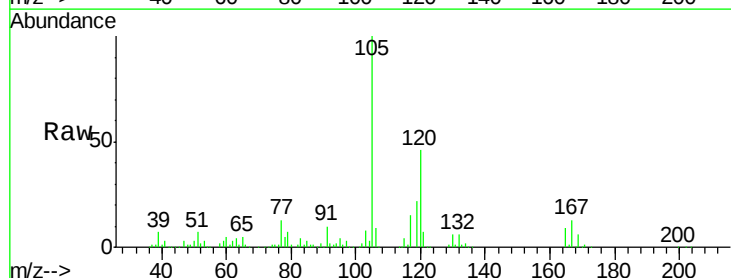
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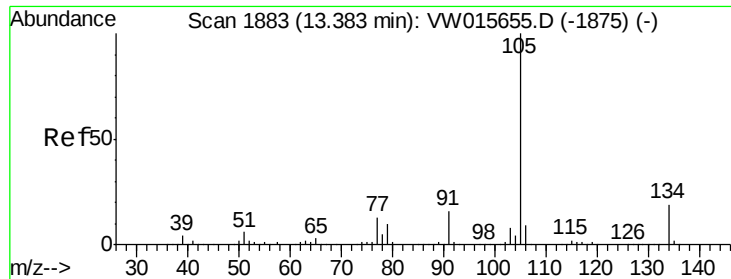
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.513 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.8	68.3





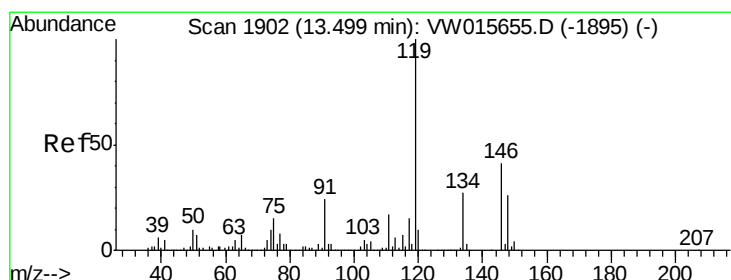
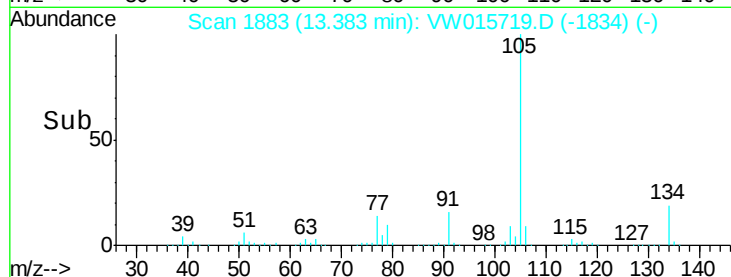
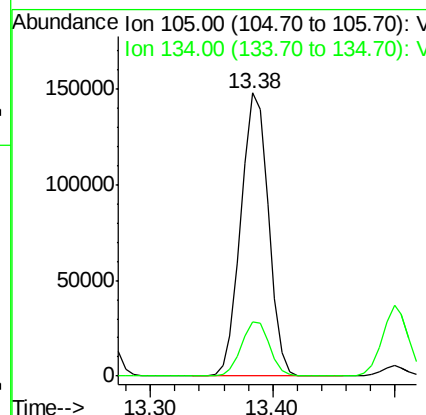
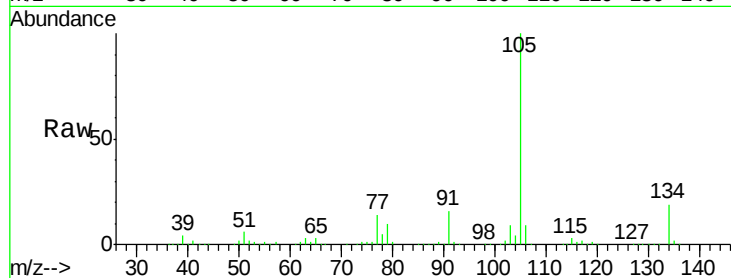
#85
 sec-Butylbenzene
 Concen: 20.337 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.0	29.8

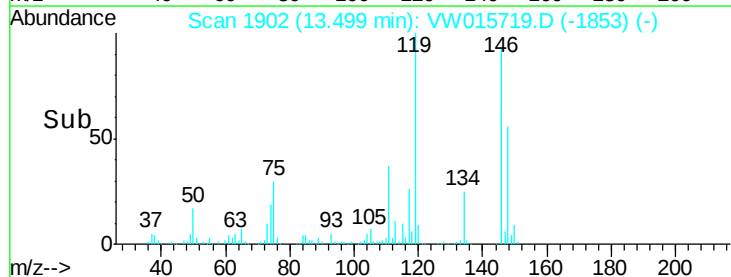
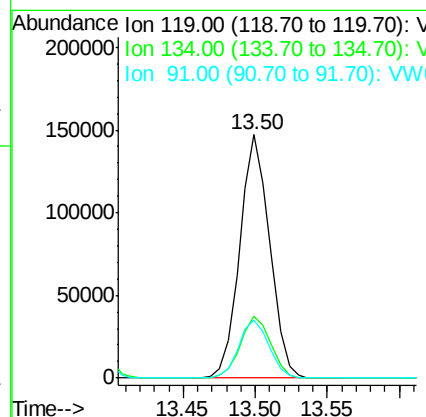
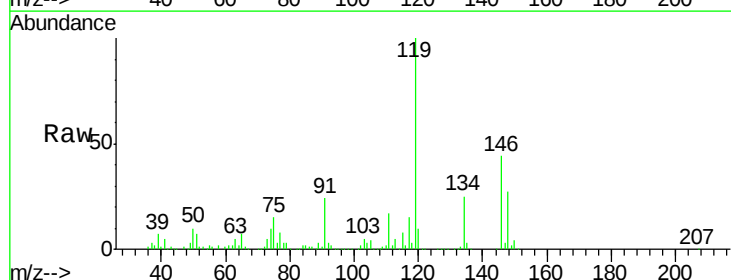
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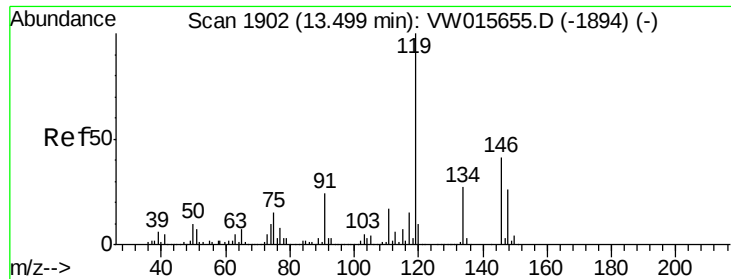
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 20.525 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

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





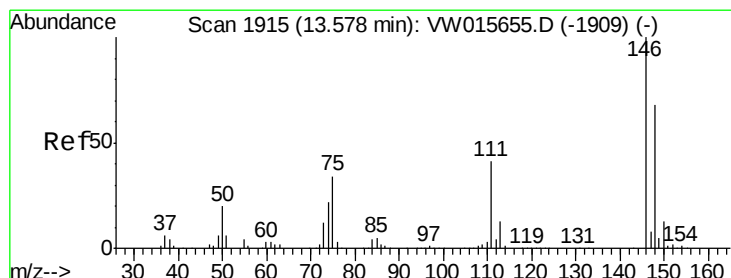
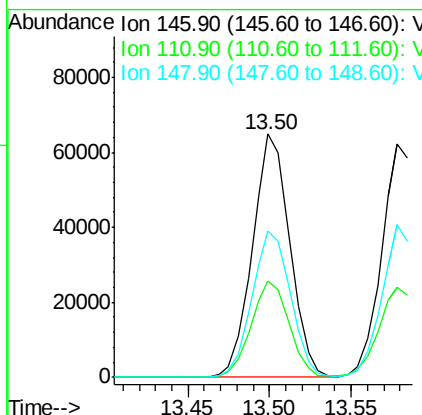
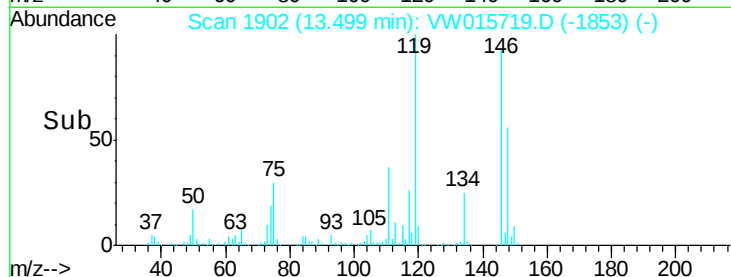
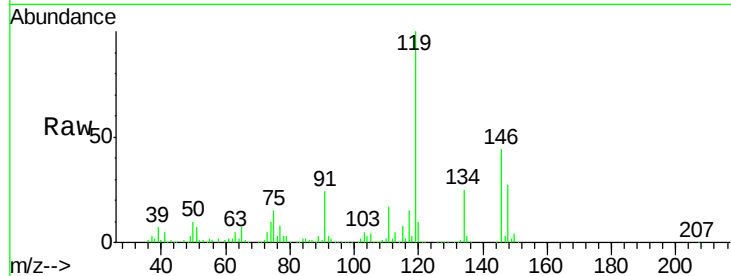
#87
 1,3-Dichlorobenzene
 Concen: 20.903 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	102690		
111	40.2		20.3	60.8
148	62.3		31.6	94.7

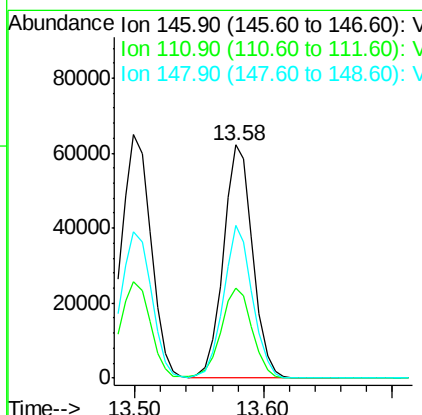
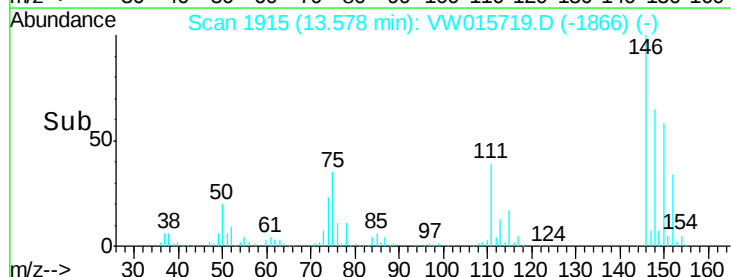
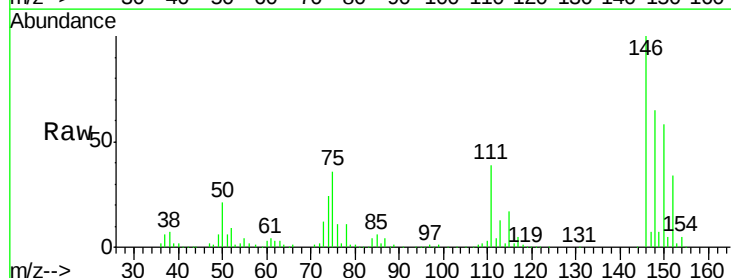
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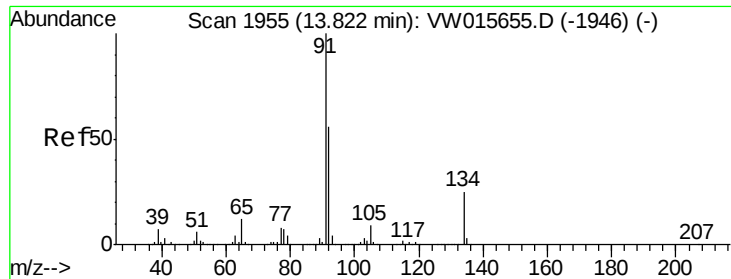
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#88
 1,4-Dichlorobenzene
 Concen: 20.342 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98977		
111	41.2		20.3	60.9
148	64.4		33.7	101.1





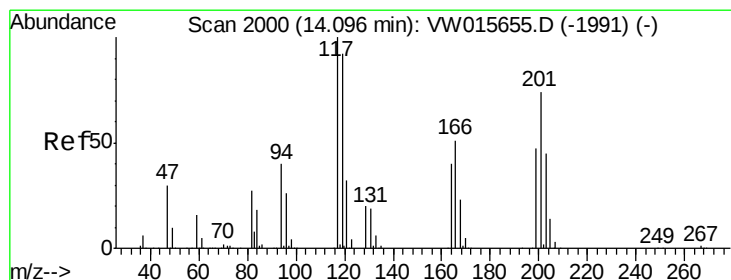
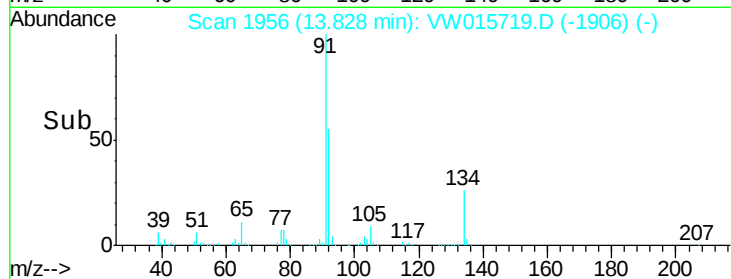
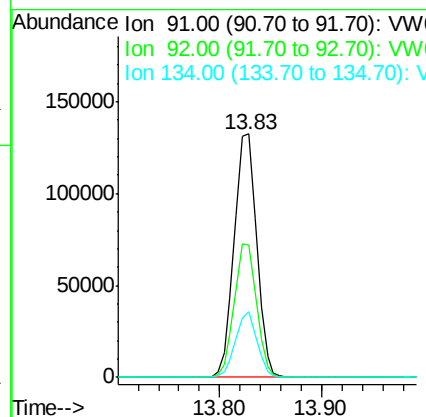
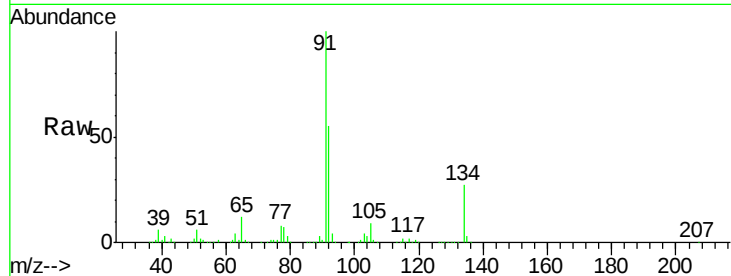
#89
n-Butylbenzene
Concen: 20.389 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	25.6	13.0	38.9

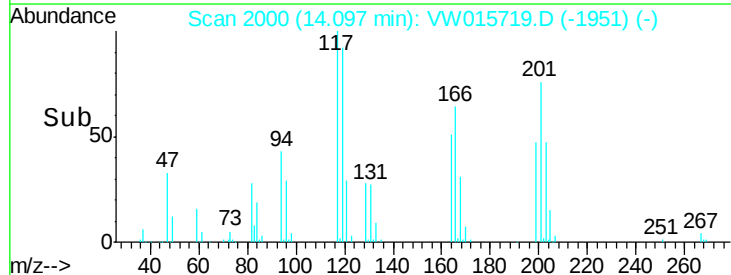
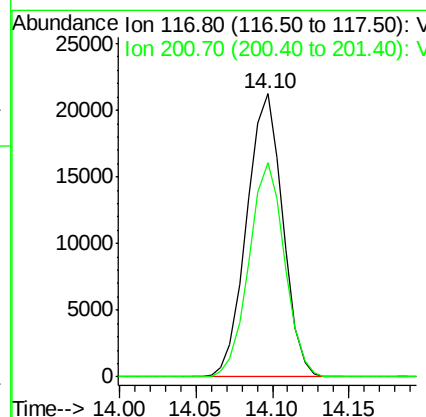
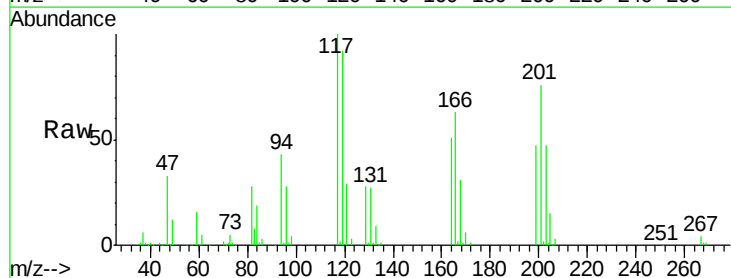
Manual Integrations
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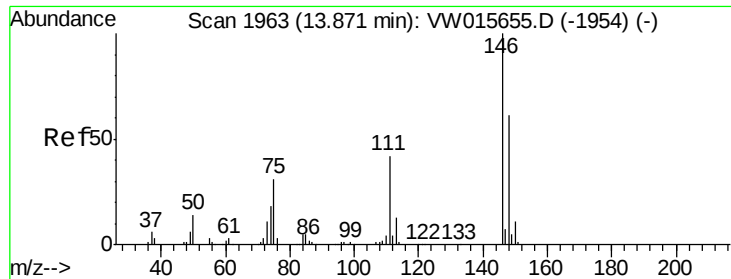
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#90
Hexachloroethane
Concen: 18.974 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	37.1	111.5





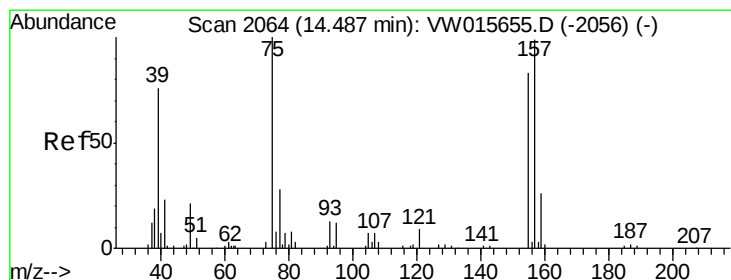
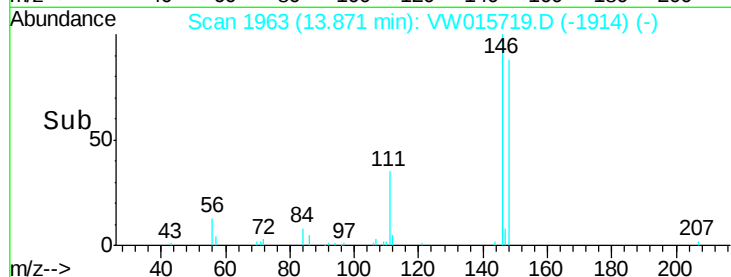
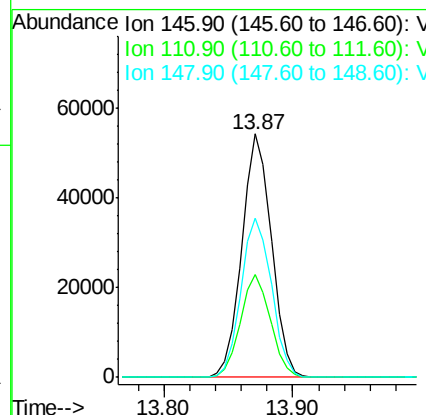
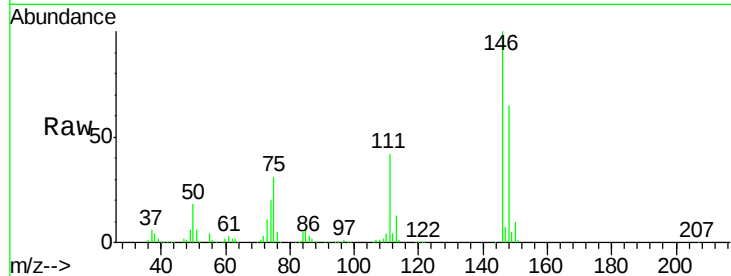
#91
 1,2-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	67.4	32.2	96.6

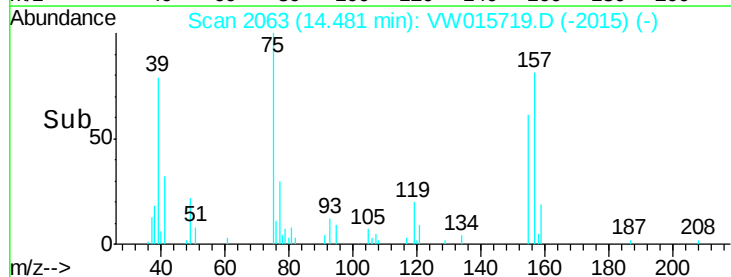
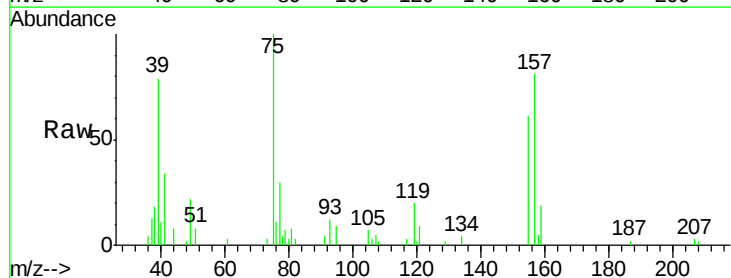
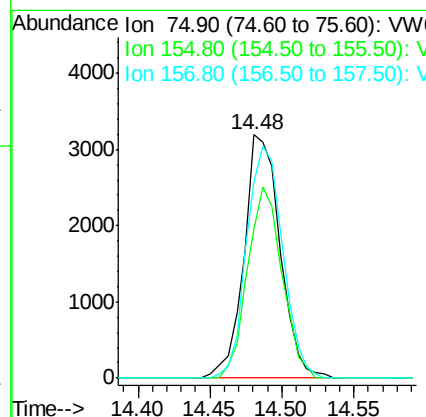
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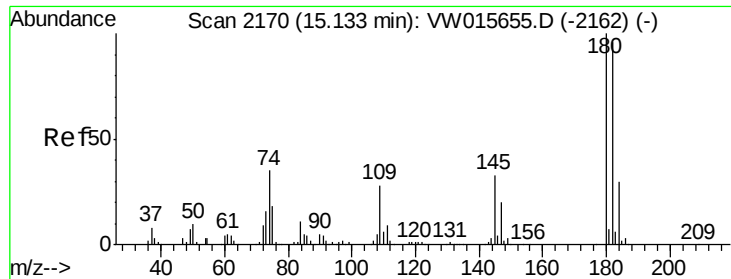
MMDadoda
 6/26/2020 11:21:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.394 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.1	40.8	122.2
157	95.4	50.7	152.1





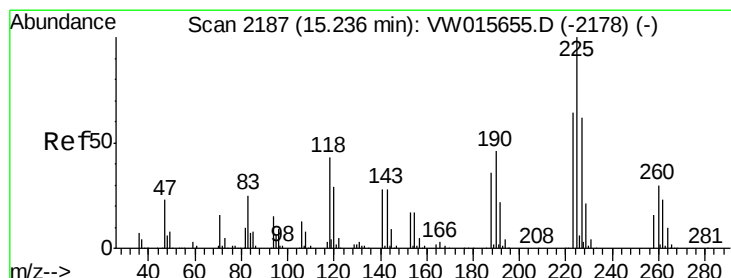
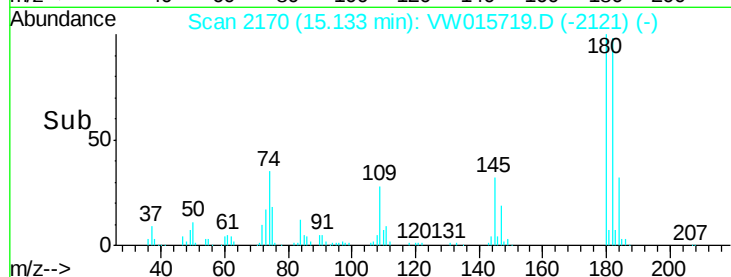
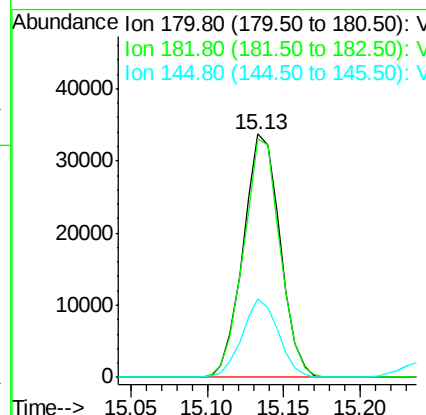
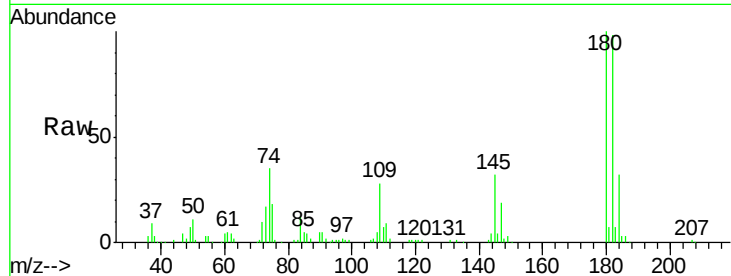
#93
 1,2,4-Trichlorobenzene
 Concen: 20.170 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0625SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.9	143.6
145	31.5	15.6	46.7

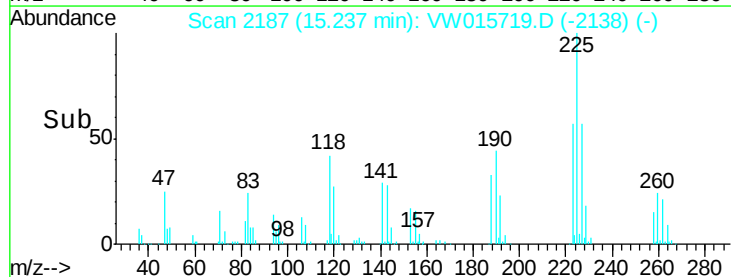
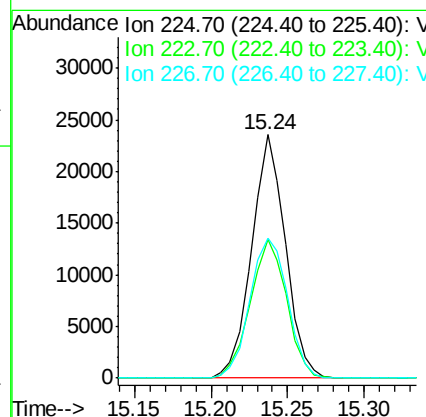
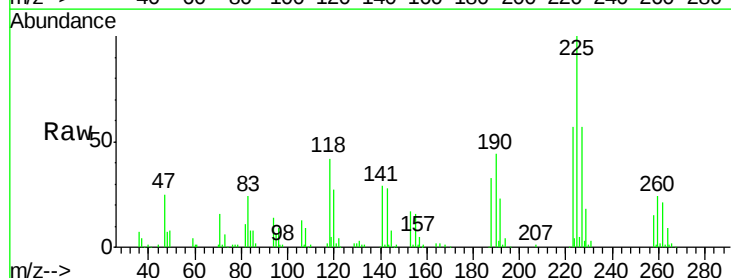
Manual Integrations
 APPROVED

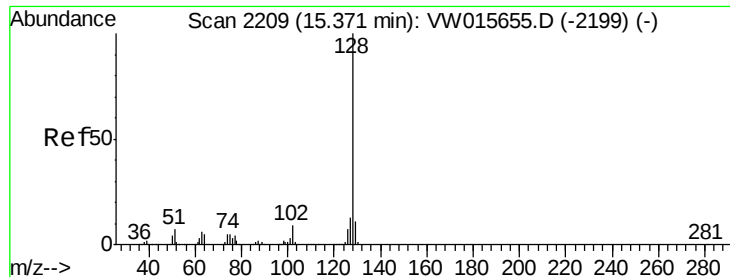
MMDadoda
 6/26/2020 11:21:18 AM



#94
 Hexachlorobutadiene
 Concen: 20.225 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015719.D
 Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.0	93.0
227	64.4	31.9	95.9





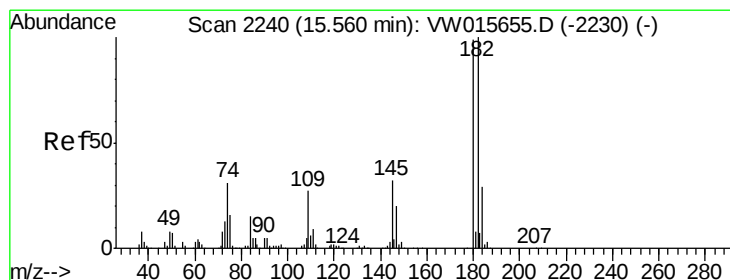
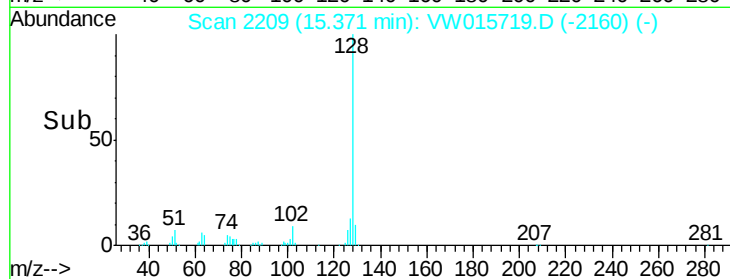
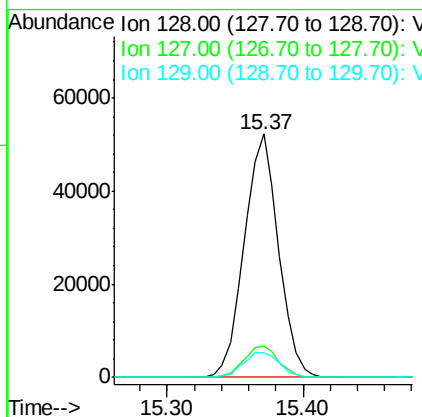
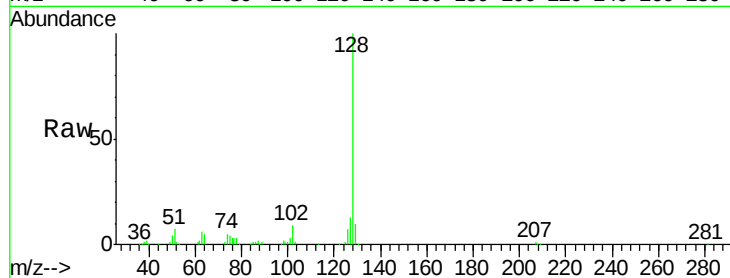
#95
Naphthalene
Concen: 19.840 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Instrument :
MSVOA_W
ClientSampleId :
VW0625SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:21:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.666 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015719.D
Acq: 25 Jun 2020 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	49.0	147.0
145	31.9	16.4	49.2

