

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015807.D
 Acq On : 08 Jul 2020 14:18
 Operator : SY/VA
 Sample : L3126-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:34 AM

Quant Time: Jul 09 06:00:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98781	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	85729	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	10.32	98	339477	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.62	95	122411	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3170	3.048	ug/l	97
3) Chloromethane	2.21	50	5036	3.565	ug/l	96
4) Vinyl Chloride	2.36	62	6472	2.968	ug/l	99
5) Bromomethane	2.78	94	5042	3.021	ug/l	96
6) Chloroethane	2.93	64	4198	2.852	ug/l	99
7) Trichlorofluoromethane	3.26	101	4163	2.656	ug/l	94
8) Diethyl Ether	3.68	74	3161	3.237	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4918	2.680	ug/l	98
10) Methyl Iodide	4.28	142	6924	2.699	ug/l	99
11) Tert butyl alcohol	5.23	59	2148	18.915	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	5142	2.850	ug/l	91
13) Acrolein	3.90	56	1785	12.653	ug/l	92
14) Allyl chloride	4.67	41	7953	2.712	ug/l	98
15) Acrylonitrile	5.38	53	5186	13.582	ug/l	99
16) Acetone	4.14	43	7299	19.182	ug/l #	87
17) Carbon Disulfide	4.38	76	14202	2.647	ug/l	97
18) Methyl Acetate	4.68	43	2937	3.392	ug/l #	80
19) Methyl tert-butyl Ether	5.43	73	7285	2.698	ug/l #	84
20) Methylene Chloride	4.92	84	22028	9.968	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	5740	2.747	ug/l	87
22) Diisopropyl ether	6.32	45	15068	2.550	ug/l	93
23) Vinyl Acetate	6.26	43	40764	11.599	ug/l	99
24) 1,1-Dichloroethane	6.22	63	10040	2.684	ug/l	100
25) 2-Butanone	7.18	43	7725	14.956	ug/l	94
26) 2,2-Dichloropropane	7.17	77	7777	3.314	ug/l	93
27) cis-1,2-Dichloroethene	7.17	96	6005	2.677	ug/l	88
28) Bromochloromethane	7.51	49	3974	2.680	ug/l #	98
29) Tetrahydrofuran	7.54	42	4089	13.046	ug/l	98
30) Chloroform	7.68	83	10387	2.716	ug/l	96
31) Cyclohexane	7.95	56	13334	3.787	ug/l #	62
32) 1,1,1-Trichloroethane	7.88	97	8538	2.663	ug/l	96
36) 1,1-Dichloropropene	8.09	75	8338	2.699	ug/l	98
37) Ethyl Acetate	7.26	43	3588	2.989	ug/l #	96
38) Carbon Tetrachloride	8.07	117	7722	2.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	9231	2.532	ug/l	94
40) Benzene	8.32	78	22823	2.697	ug/l	96
41) Methacrylonitrile	7.49	41	1477m	2.167	ug/l	
42) 1,2-Dichloroethane	8.40	62	7488	2.843	ug/l	100
43) Isopropyl Acetate	8.43	43	5864	2.503	ug/l	97
44) Trichloroethene	9.09	130	6102	2.726	ug/l	95
45) 1,2-Dichloropropane	9.37	63	5440	2.615	ug/l	100
46) Dibromomethane	9.46	93	2804	2.619	ug/l	97
47) Bromodichloromethane	9.65	83	6950	2.509	ug/l	100
48) Methyl methacrylate	9.44	41	2611	2.432	ug/l #	91
49) 1,4-Dioxane	9.48	88	703	53.102	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	14039	12.279	ug/l	97
52) Toluene	10.39	92	14593	2.680	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	6106	2.298	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	7520	2.366	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	3968	2.672	ug/l	95
56) Ethyl methacrylate	10.65	69	4064	2.226	ug/l	88
57) 1,3-Dichloropropane	10.93	76	6728	2.560	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	11205	12.562	ug/l	94
59) 2-Hexanone	10.98	43	9184	12.037	ug/l	94
60) Dibromochloromethane	11.13	129	4128	2.407	ug/l	94
61) 1,2-Dibromoethane	11.24	107	3481	2.450	ug/l	99
64) Tetrachloroethene	10.87	164	5352	2.963	ug/l	94
65) Chlorobenzene	11.66	112	15339	2.748	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	4981	2.521	ug/l	96
67) Ethyl Benzene	11.73	91	27617	2.672	ug/l	100
68) m/p-Xylenes	11.84	106	19133	4.927	ug/l	95
69) o-Xylene	12.17	106	8754	2.470	ug/l	97
70) Styrene	12.18	104	13939	2.285	ug/l	97
71) Bromoform	12.35	173	2046	2.269	ug/l #	95
73) Isopropylbenzene	12.46	105	23675	2.493	ug/l	99
74) N-amyl acetate	12.27	43	4658	2.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	4448	2.819	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	2633m	2.223	ug/l	
77) Bromobenzene	12.75	156	6182	2.904	ug/l	92
78) n-propylbenzene	12.80	91	31741	2.754	ug/l	98
79) 2-Chlorotoluene	12.90	91	17955	2.732	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	20924	2.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	982m	2.119	ug/l	
82) 4-Chlorotoluene	12.99	91	19076	2.779	ug/l	100
83) tert-Butylbenzene	13.21	119	16949	2.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	20519	2.539	ug/l	99
85) sec-Butylbenzene	13.38	105	26042	2.684	ug/l	99
86) p-Isopropyltoluene	13.50	119	22812	2.575	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	11859	2.779	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	11869	2.841	ug/l	83
89) n-Butylbenzene	13.82	91	22592	2.664	ug/l	97
90) Hexachloroethane	14.10	117	4068	2.533	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	10189	2.756	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	793	3.146	ug/l	79

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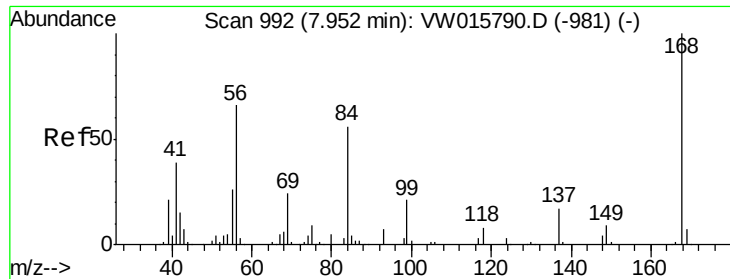
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6580	2.823	ug/l	99
94) Hexachlorobutadiene	15.24	225	4369	2.952	ug/l	98
95) Naphthalene	15.37	128	9596	2.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	5888	2.968	ug/l	98

(#) = 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: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion:168 Resp: 197489

Ion Ratio Lower Upper

168 100

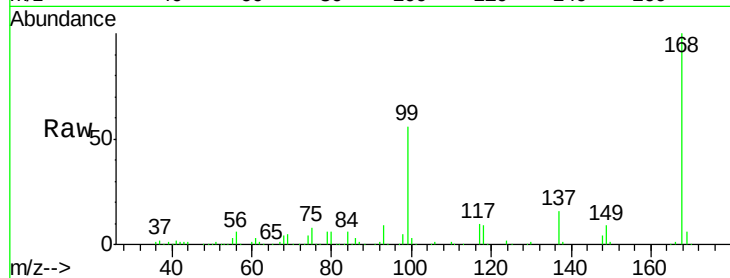
99 55.6 47.8 71.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

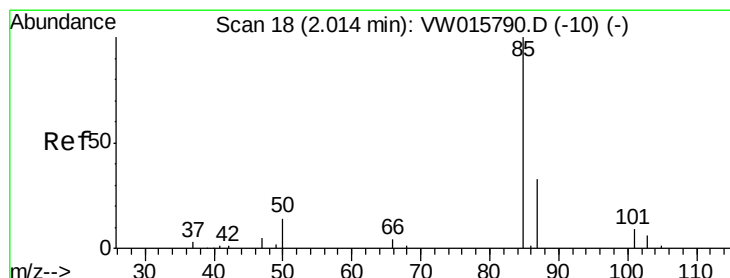
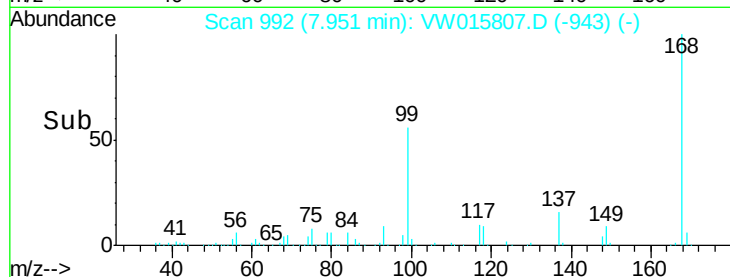
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.048 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015807.D

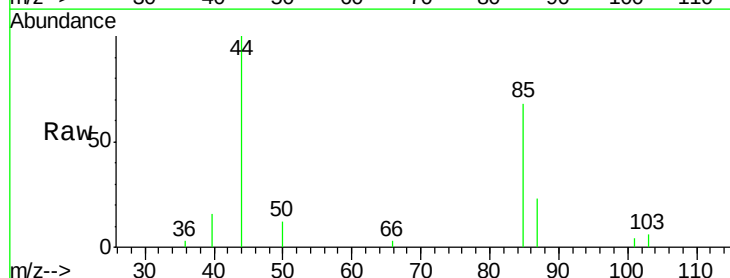
Acq: 08 Jul 2020 14:18

Tgt Ion: 85 Resp: 3170

Ion Ratio Lower Upper

85 100

87 34.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

1200

1000

800

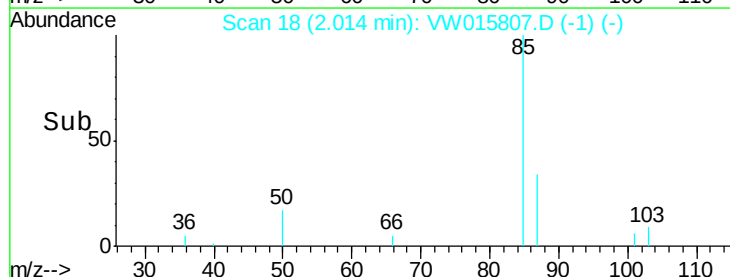
600

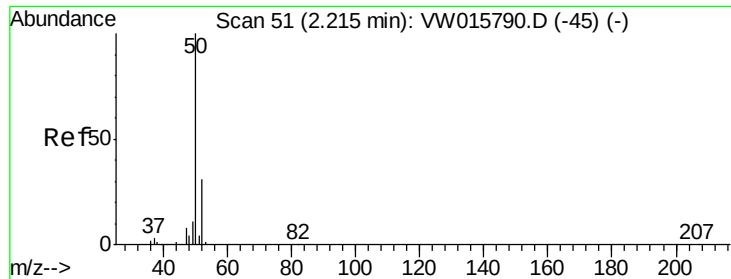
400

200

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 3.565 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

Tot Ion: 50 Resp: 5036

Ion Ratio Lower Upper

50 100

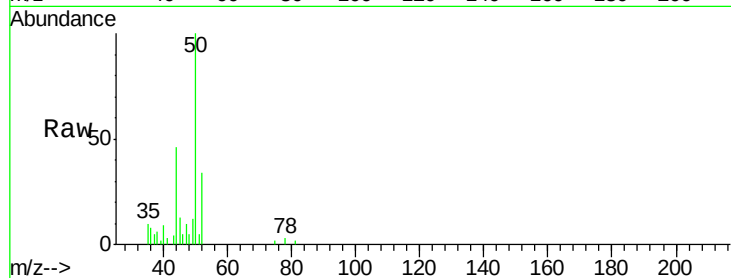
52 33.8 25.2 37.8

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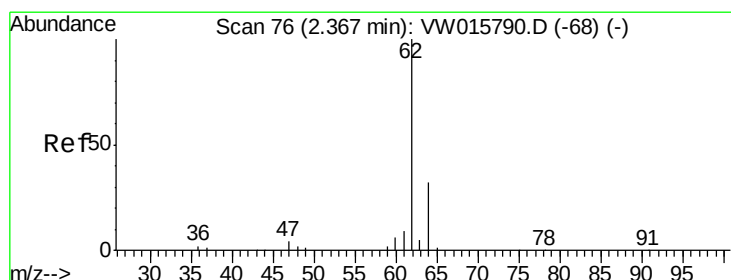
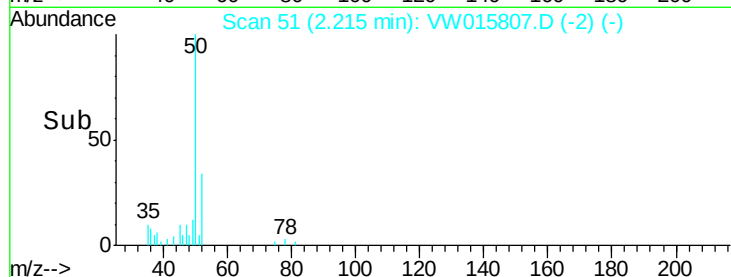
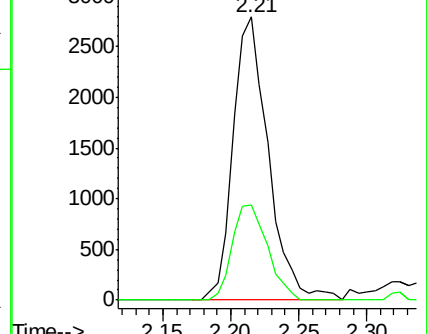
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 2.968 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015807.D

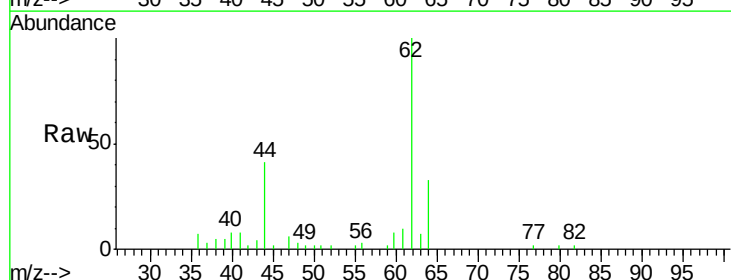
Acq: 08 Jul 2020 14:18

Tgt Ion: 62 Resp: 6472

Ion Ratio Lower Upper

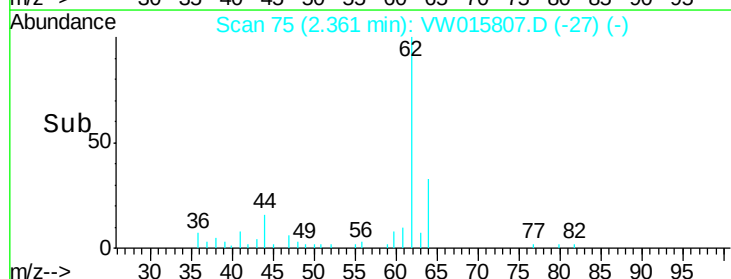
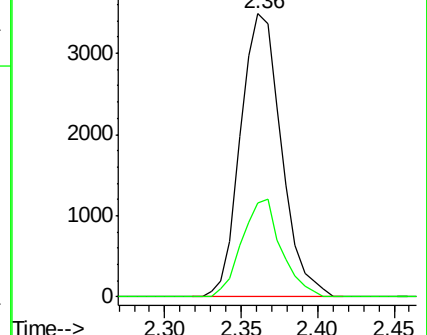
62 100

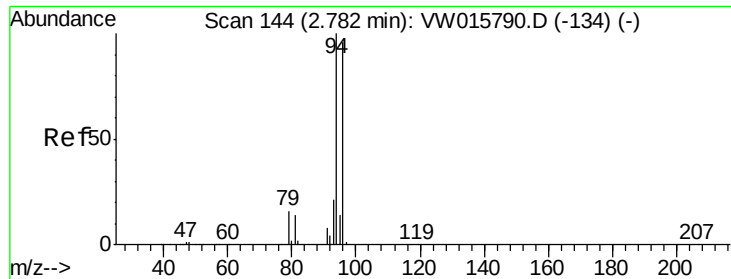
64 33.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 3.021 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW015807.D

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Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion: 94 Resp: 5042

Ion Ratio Lower Upper

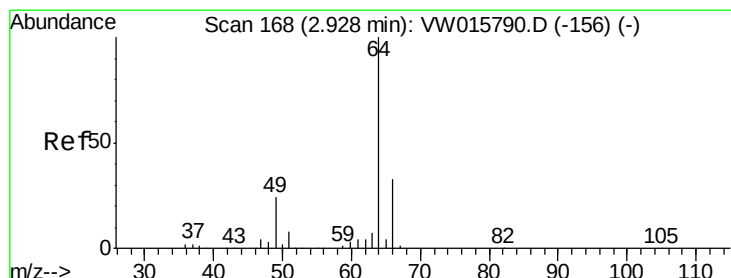
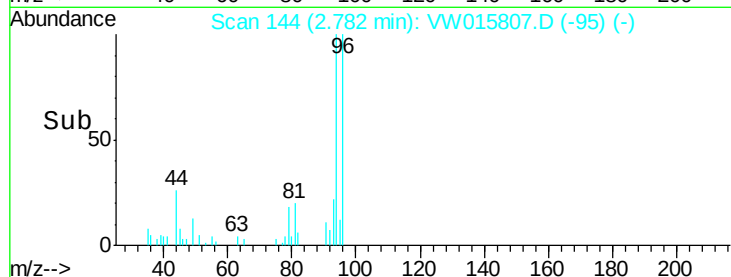
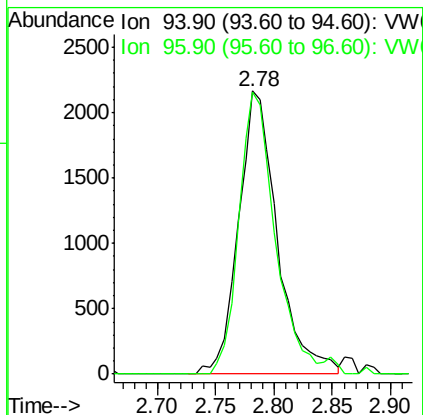
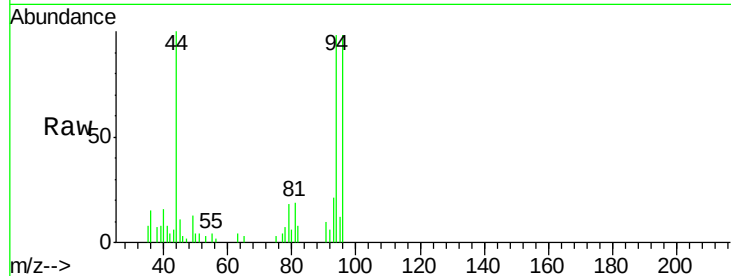
94 100

96 99.7 76.7 115.1

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#6

Chloroethane

Concen: 2.852 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW015807.D

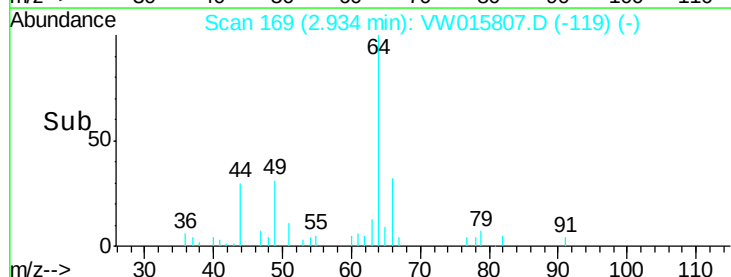
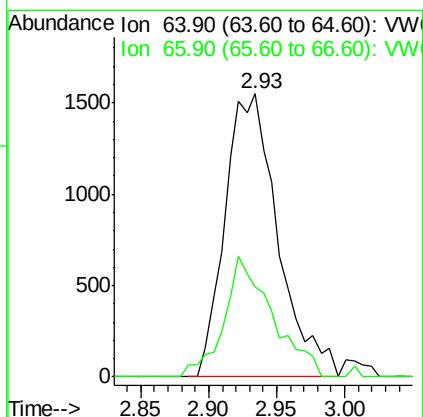
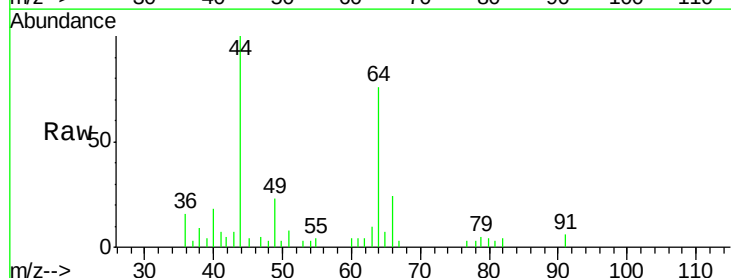
Acq: 08 Jul 2020 14:18

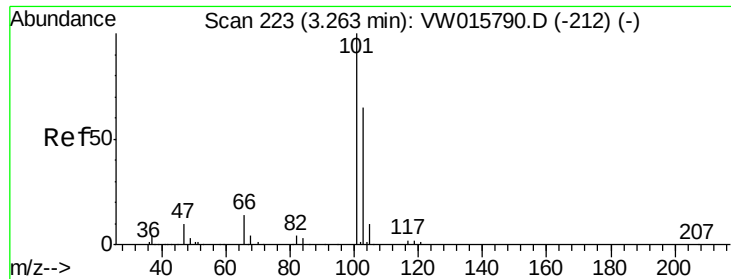
Tgt Ion: 64 Resp: 4198

Ion Ratio Lower Upper

64 100

66 32.1 26.0 39.0





#7

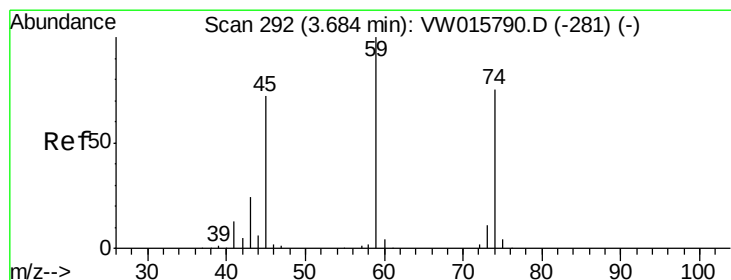
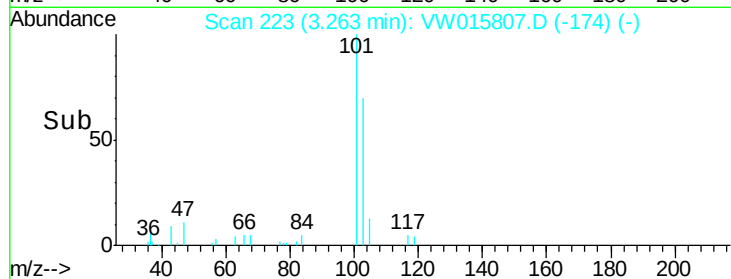
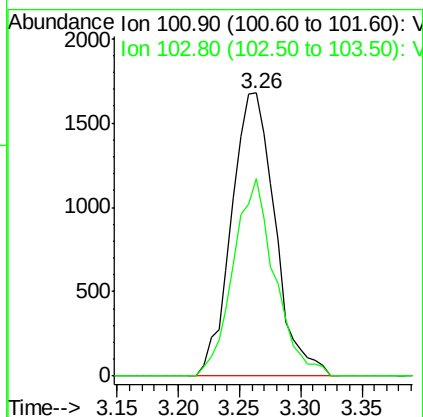
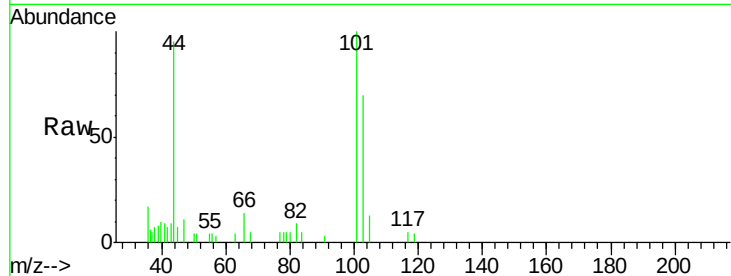
Trichlorofluoromethane
Concen: 2.656 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

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ClientSampleId :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.7	52.2	78.4

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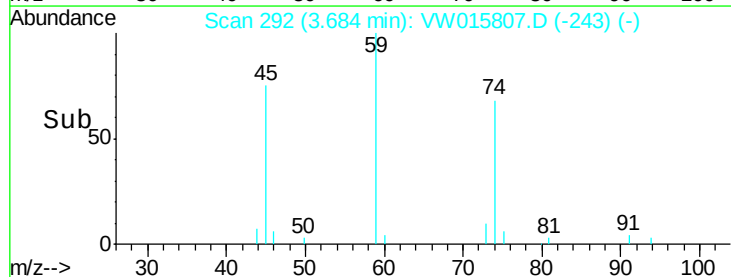
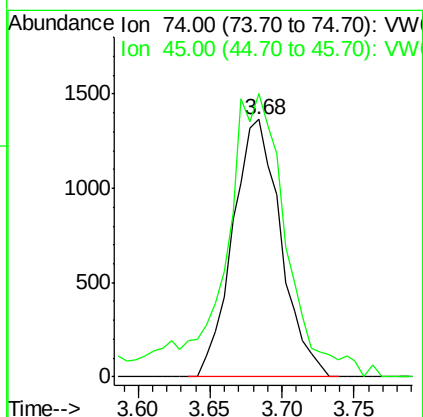
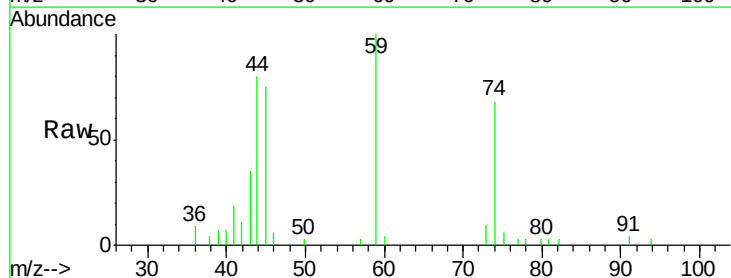
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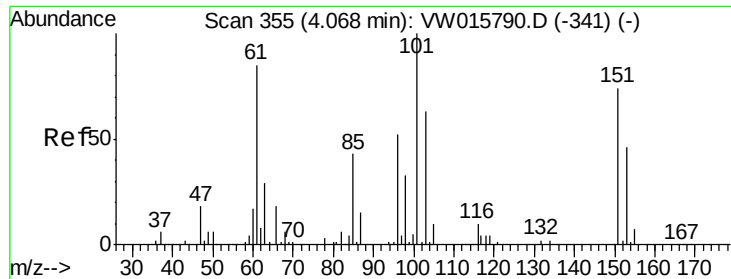


#8

Diethyl Ether
Concen: 3.237 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	142.9	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.680 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015807.D

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MSVOA_W

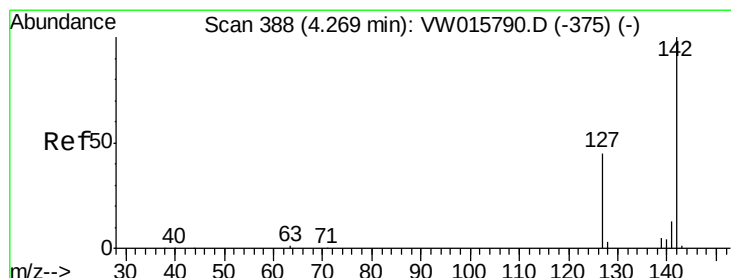
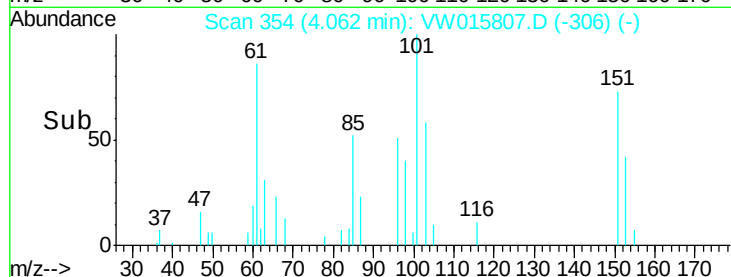
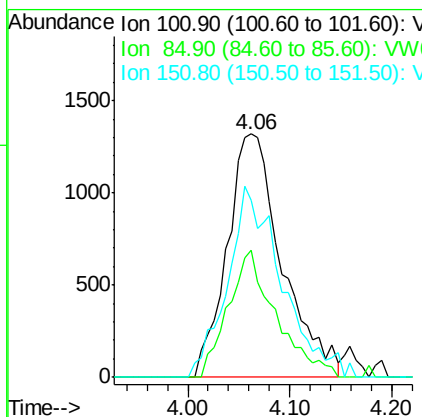
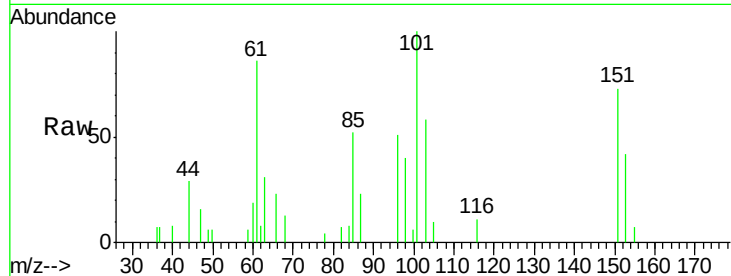
ClientSampled :

TP-8-S1

Tot Ion:	101	Resp:	4918
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.1	54.1
151	77.8	60.3	90.5

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#10

Methyl Iodide

Concen: 2.699 ug/l

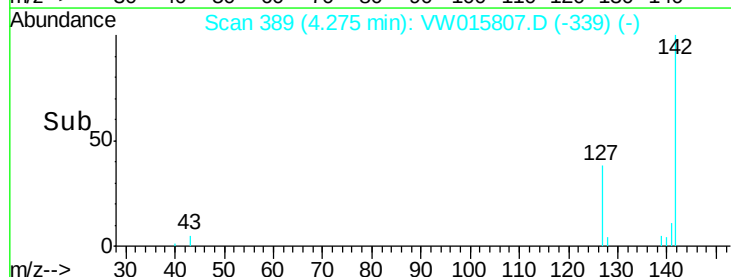
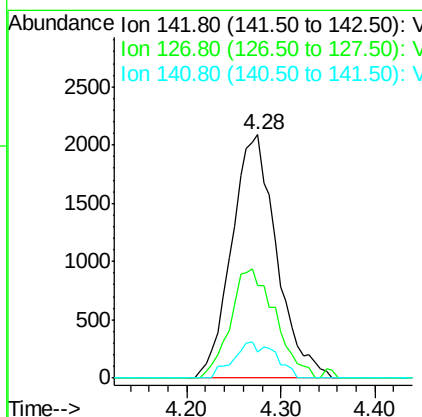
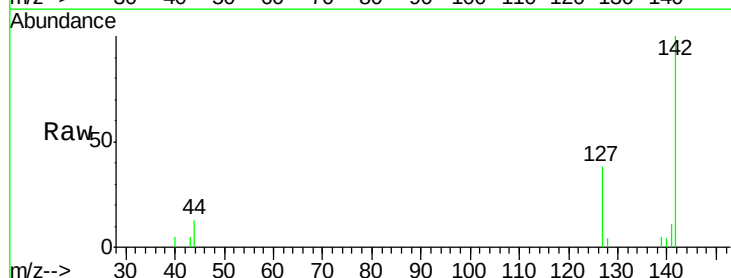
RT: 4.28 min Scan# 389

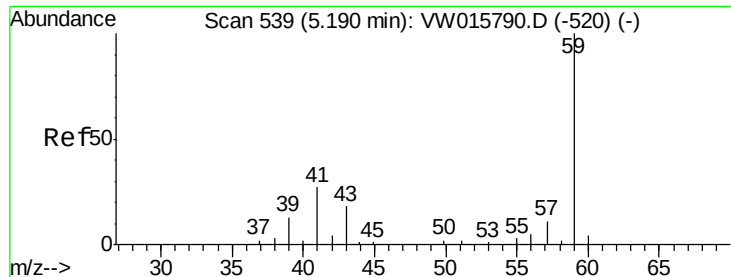
Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:	142	Resp:	6924
Ion Ratio	Lower	Upper	
142	100		
127	44.8	36.1	54.1
141	13.8	11.7	17.5





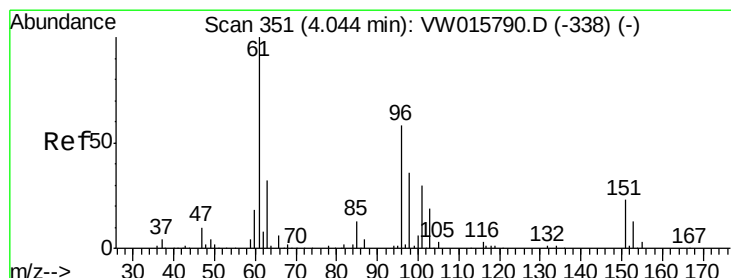
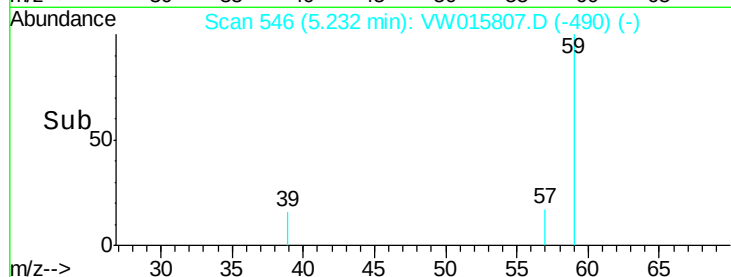
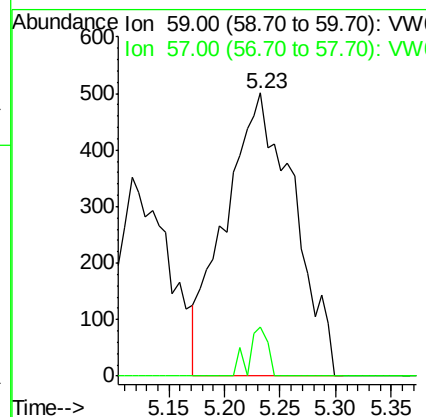
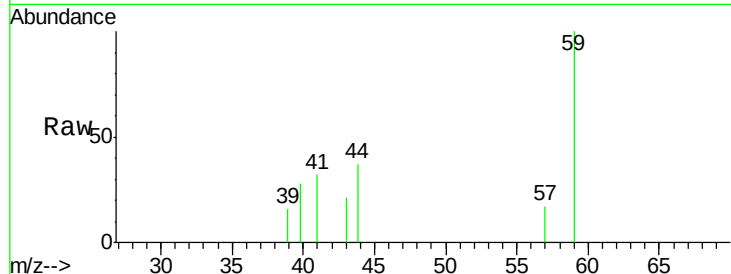
#11
Tert butyl alcohol
Concen: 18.915 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.04 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 59 Resp: 2148
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1#

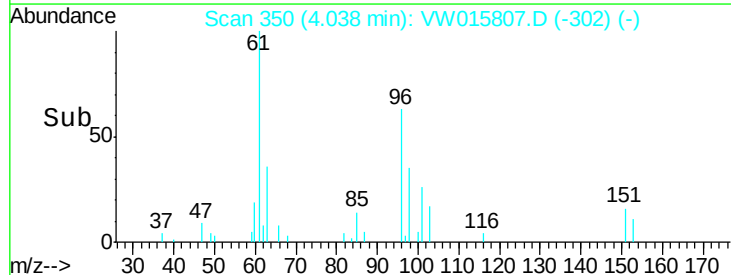
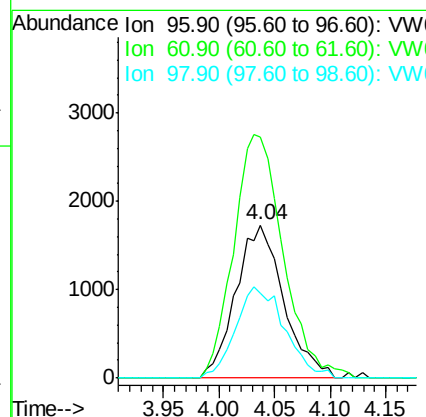
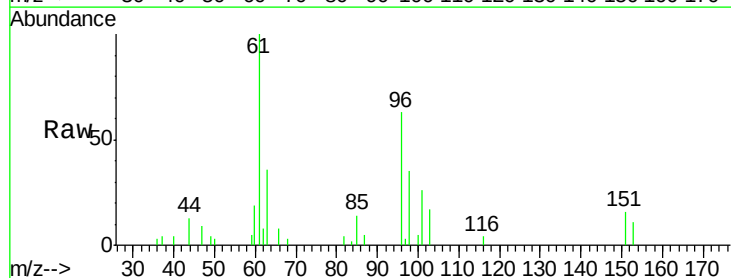
Manual Integrations
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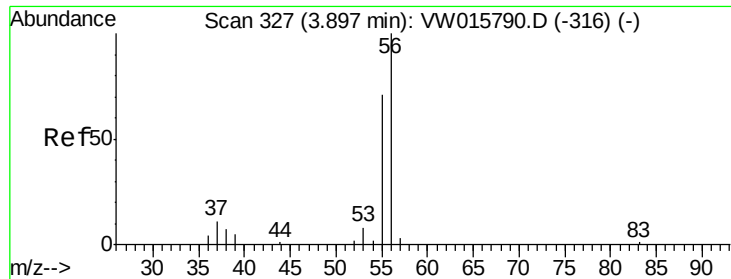
MMDadoda
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#12
1,1-Dichloroethene
Concen: 2.850 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 96 Resp: 5142
Ion Ratio Lower Upper
96 100
61 157.7 137.0 205.4
98 55.5 49.3 73.9





#13

Acrolein

Concen: 12.653 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion: 56 Resp: 1785

Ion Ratio Lower Upper

56 100

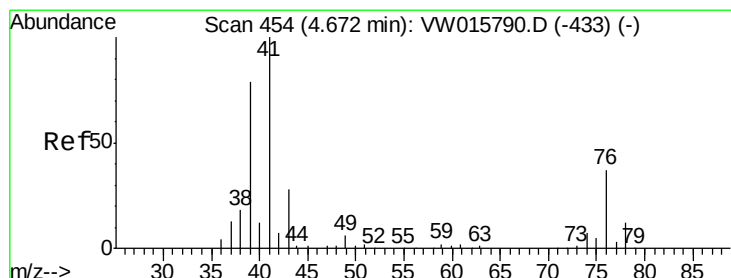
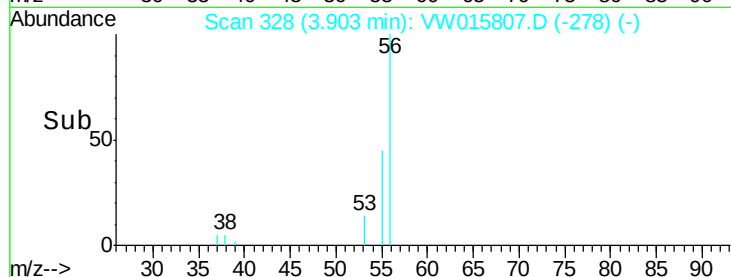
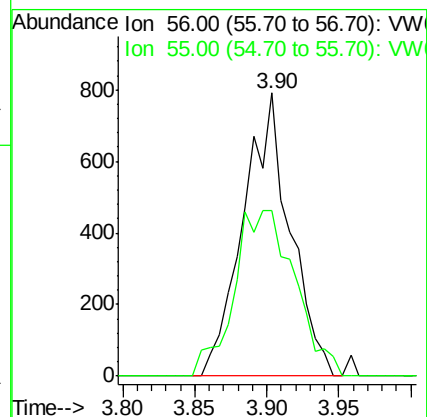
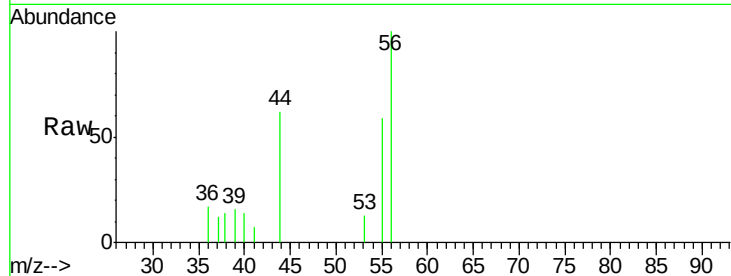
55 76.3 55.8 83.6

Manual Integrations

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#14

Allyl chloride

Concen: 2.712 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

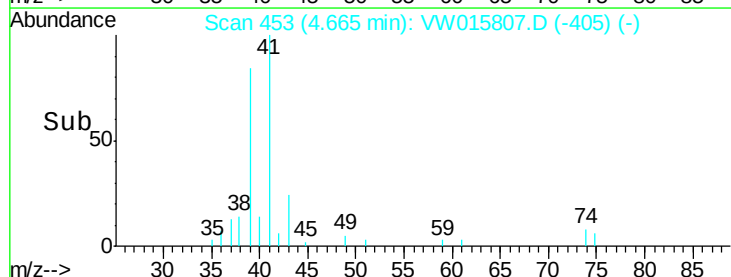
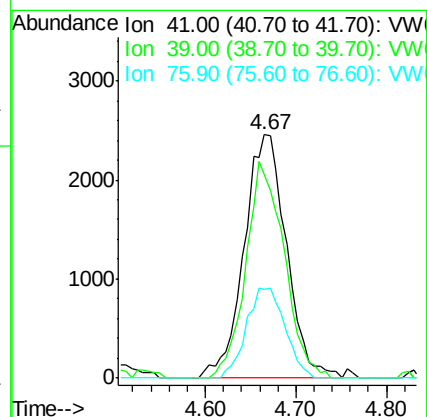
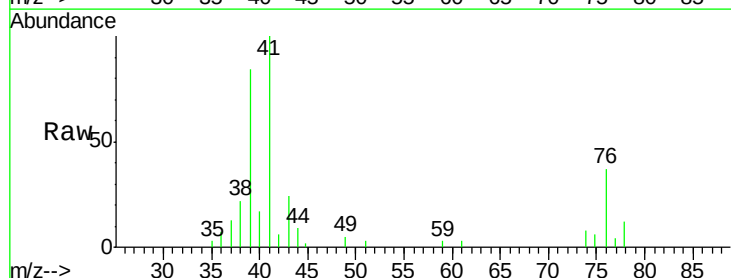
Tgt Ion: 41 Resp: 7953

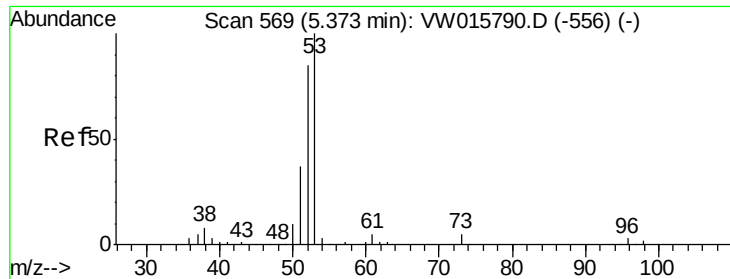
Ion Ratio Lower Upper

41 100

39 80.7 64.0 96.0

76 33.6 28.9 43.3





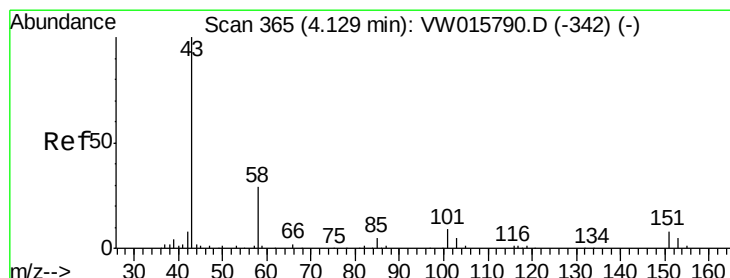
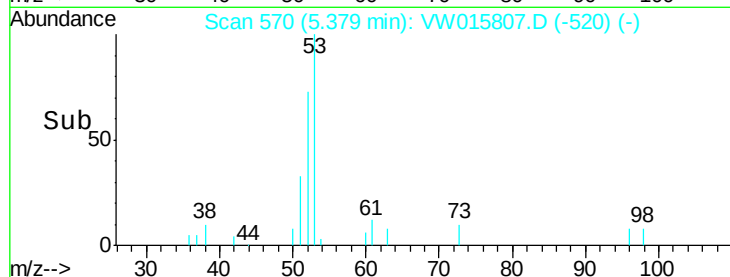
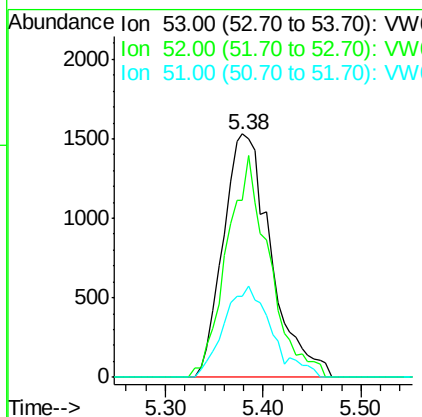
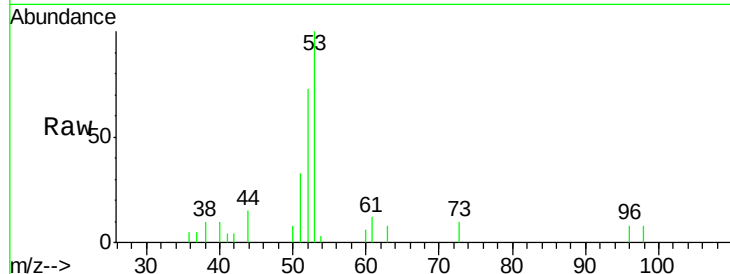
#15
 Acrylonitrile
 Concen: 13.582 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.8	98.8
51	37.4	30.2	45.2

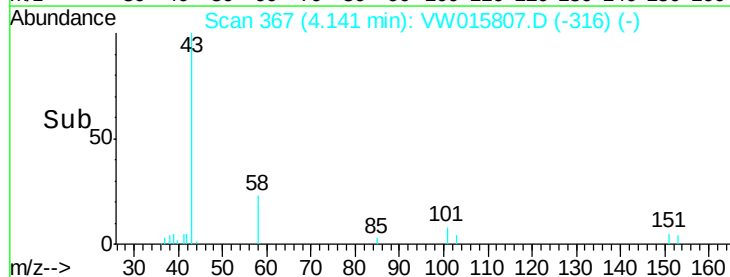
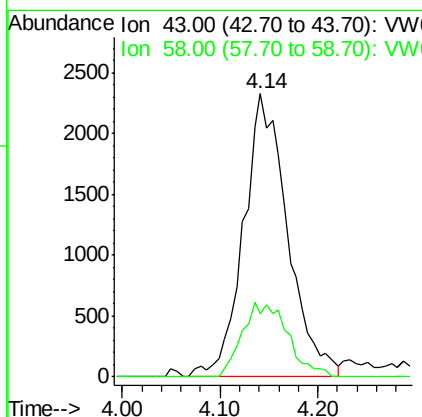
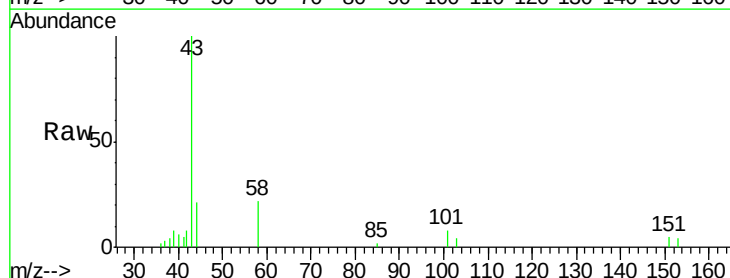
Manual Integrations
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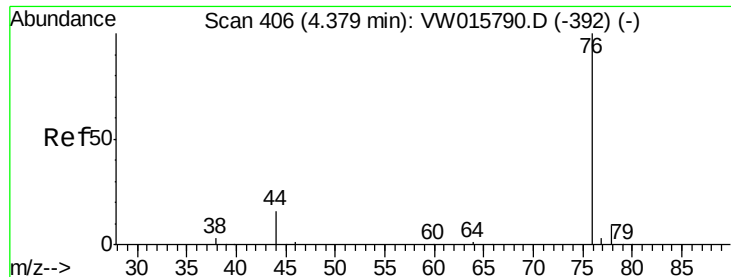
MMDadoda
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#16
 Acetone
 Concen: 19.182 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.3	23.5	35.3#





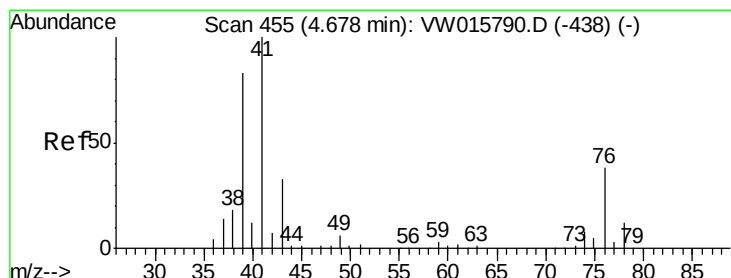
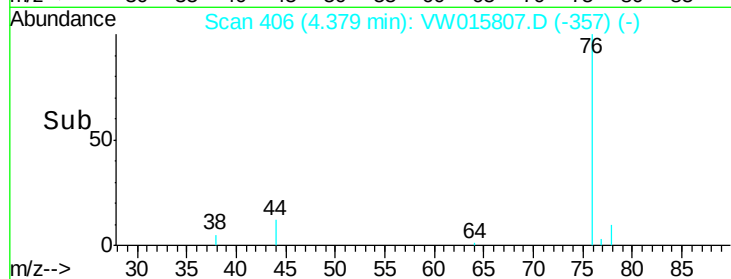
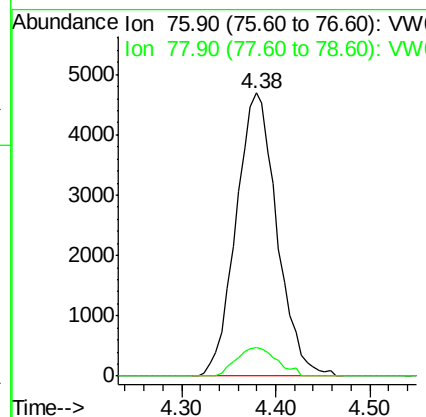
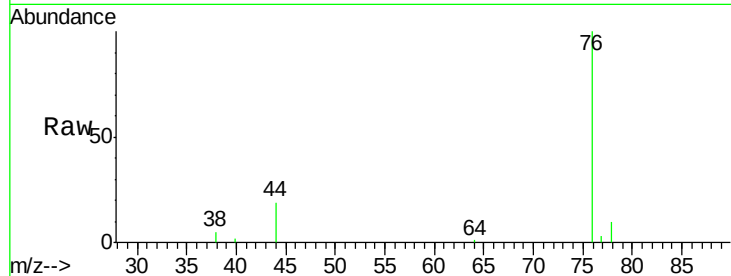
#17
Carbon Disulfide
Concen: 2.647 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 76 Resp: 14202
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

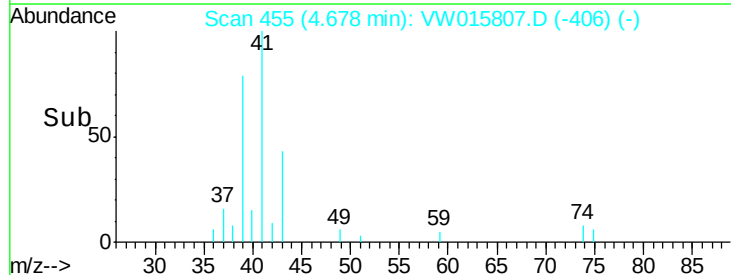
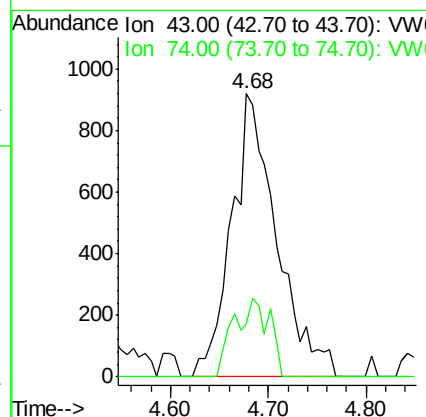
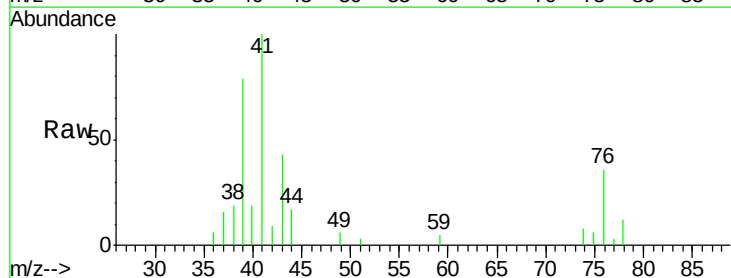
Manual Integrations
APPROVED

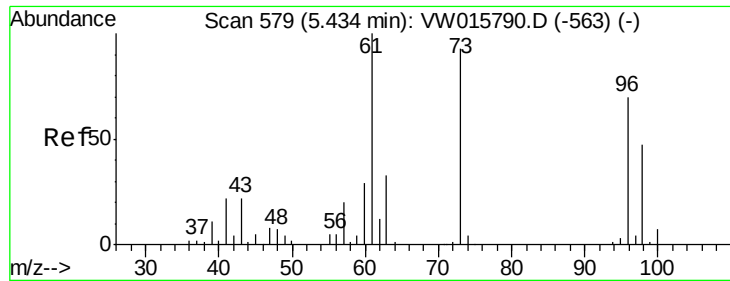
MMDadoda
7/9/2020 10:47:34 AM



#18
Methyl Acetate
Concen: 3.392 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
74 14.1 19.2 28.8#





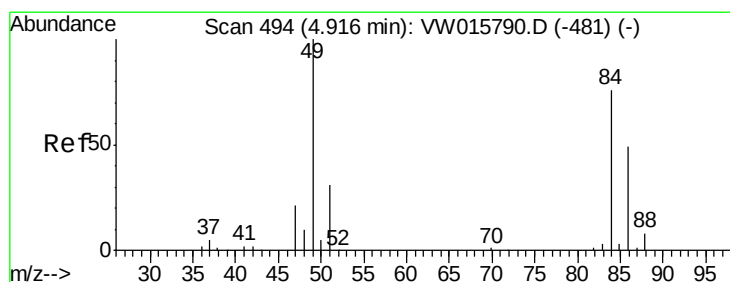
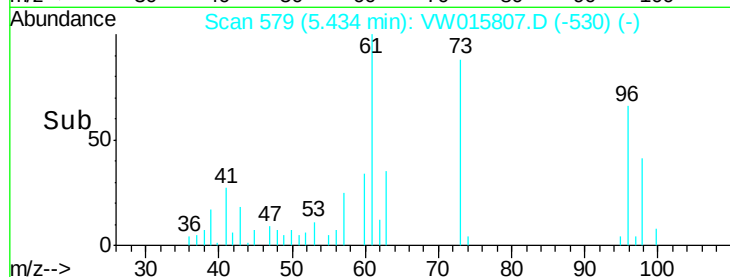
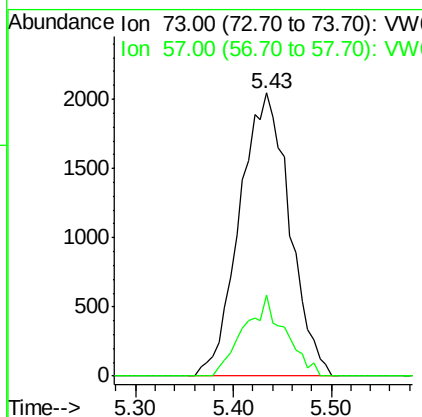
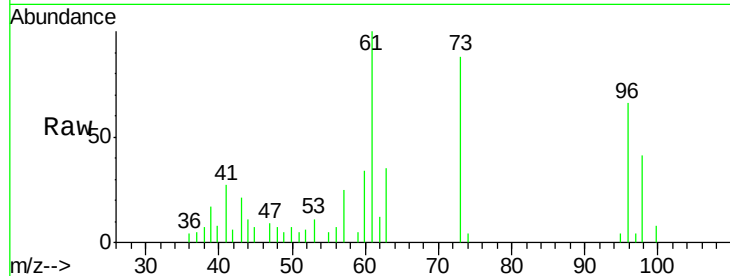
#19
Methyl tert-butyl Ether
Concen: 2.698 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion: 73 Resp: 7285
Ion Ratio Lower Upper
73 100
57 28.5 16.8 25.2#

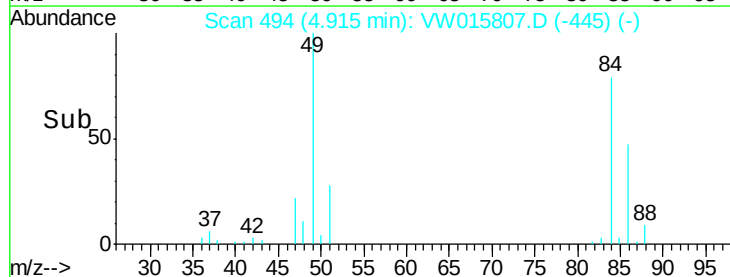
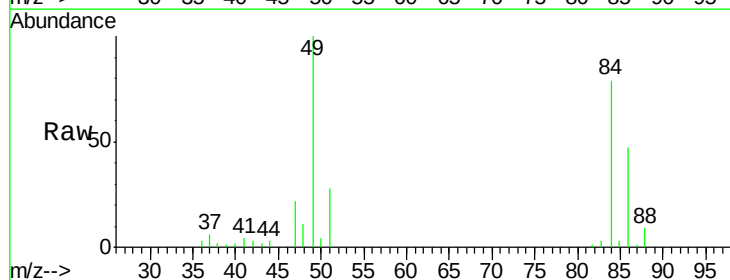
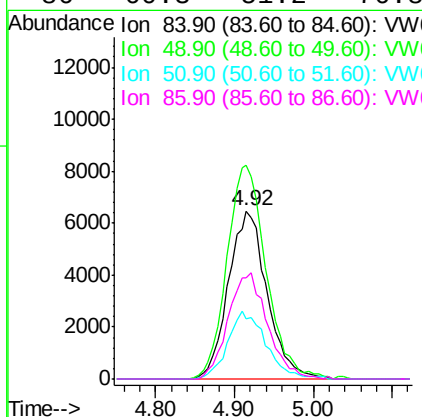
Manual Integrations
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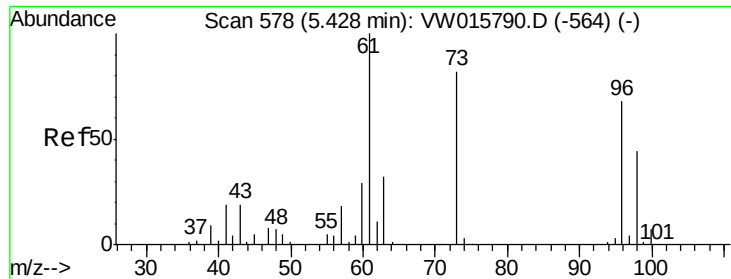
MMDadoda
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#20
Methylene Chloride
Concen: 9.968 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 84 Resp: 22028
Ion Ratio Lower Upper
84 100
49 127.4 105.0 157.6
51 36.1 32.3 48.5
86 60.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 2.747 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

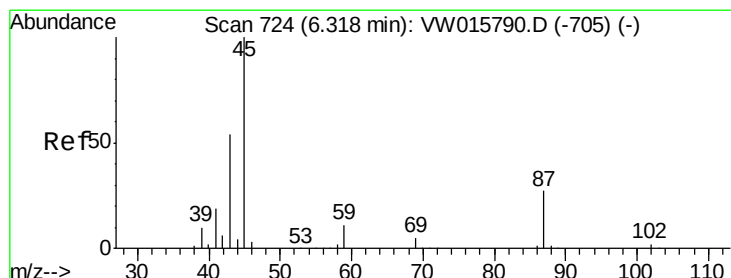
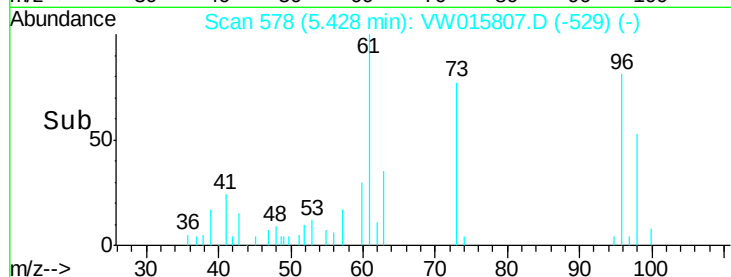
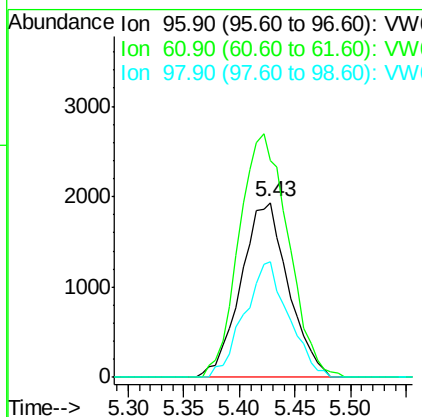
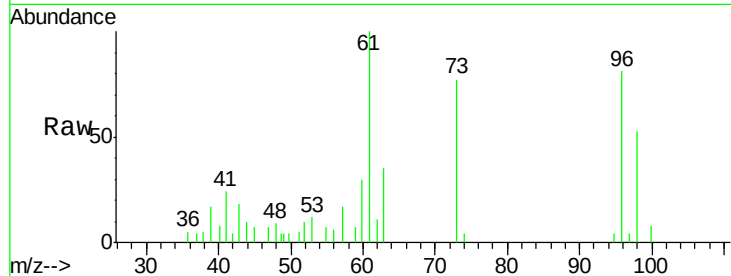
ClientSampleId :

TP-8-S1

Tot Ion:	96	Resp:	5740
Ion	Ratio	Lower	Upper
96	100		
61	124.1	118.1	177.1
98	66.2	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 2.550 ug/l

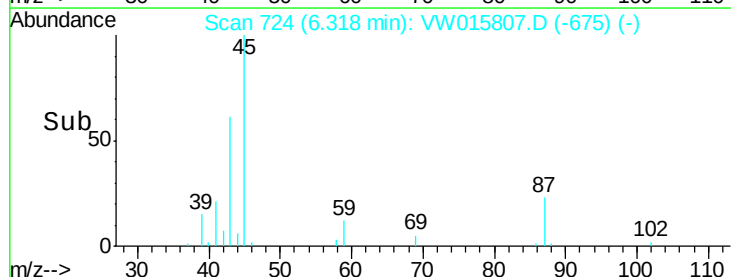
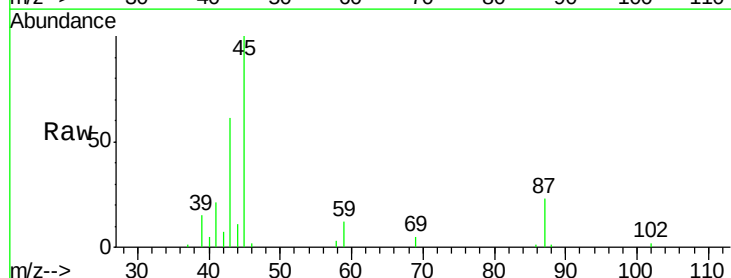
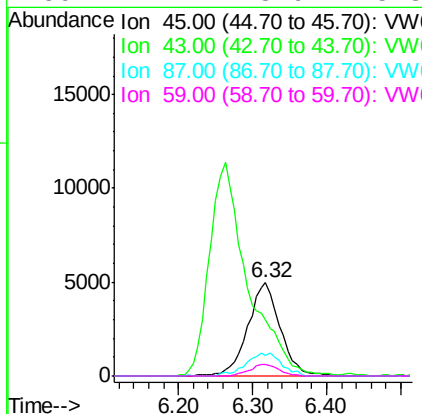
RT: 6.32 min Scan# 724

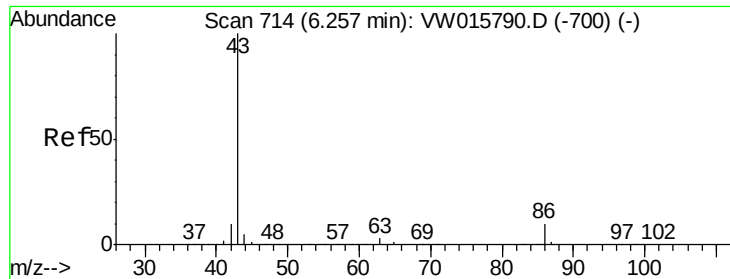
Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:	45	Resp:	15068
Ion	Ratio	Lower	Upper
45	100		
43	59.3	43.8	65.6
87	22.6	22.1	33.1
59	12.1	8.9	13.3





#23

Vinyl Acetate

Concen: 11.599 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion: 43 Resp: 40764

Ion Ratio Lower Upper

43 100

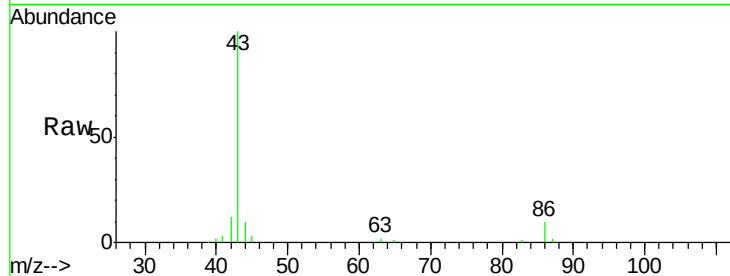
86 9.8 8.2 12.4

Manual Integrations

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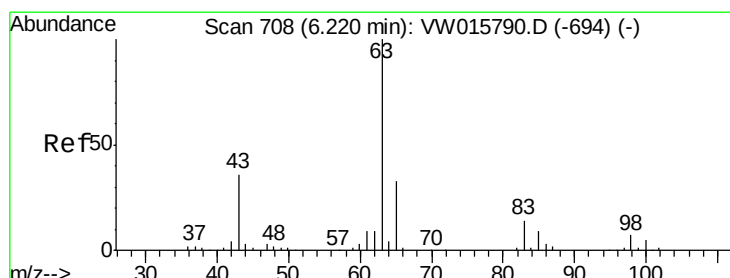
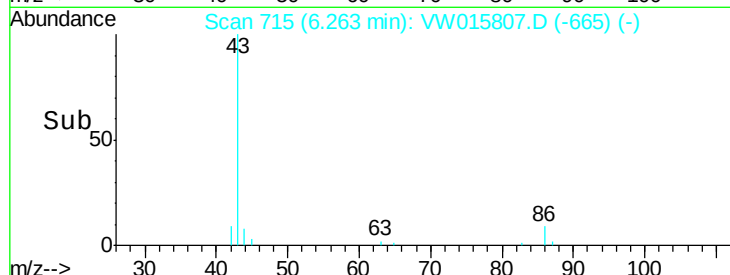
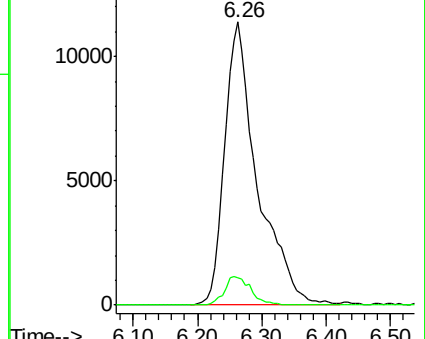
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 2.684 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

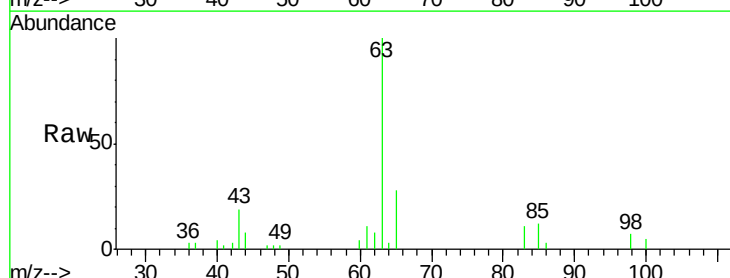
Tgt Ion: 63 Resp: 10040

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

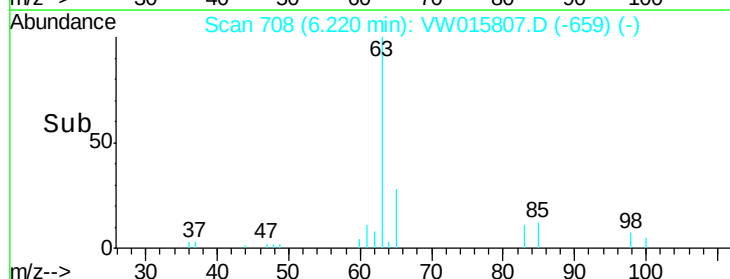
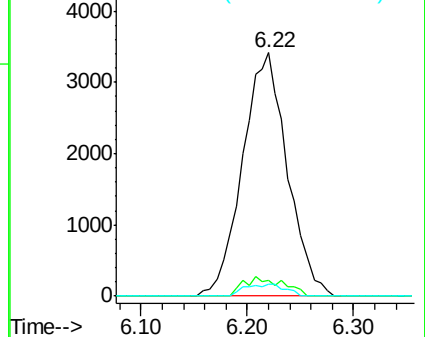
100 4.7 2.4 7.1

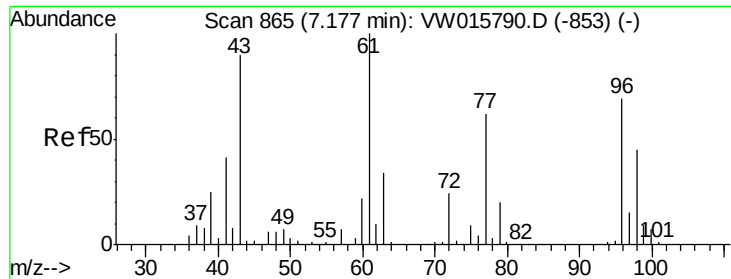


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





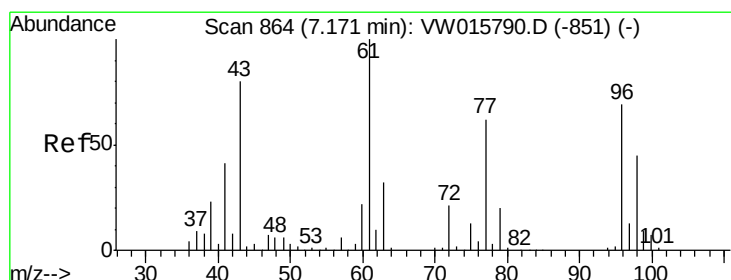
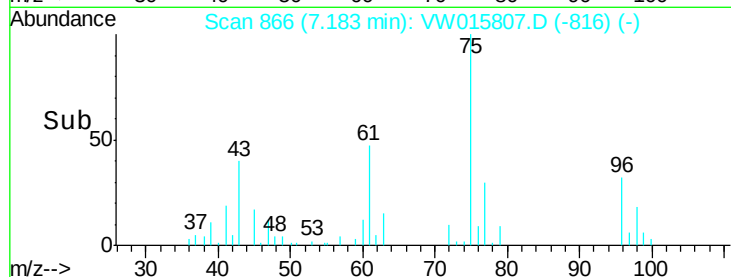
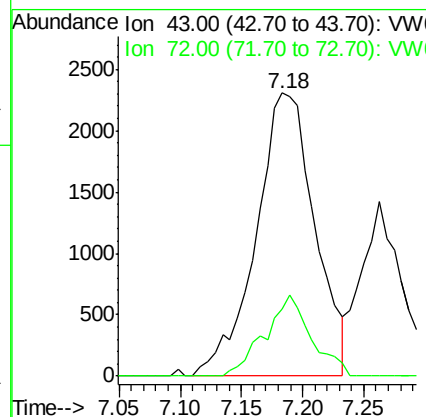
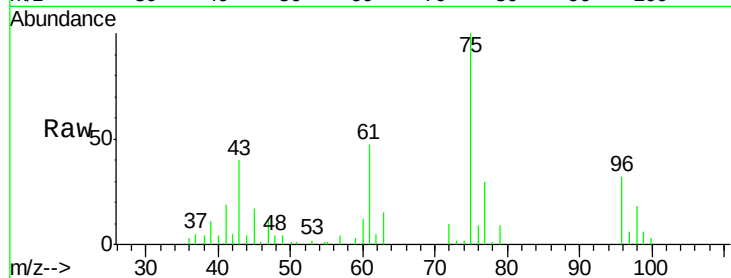
#25
 2-Butanone
 Concen: 14.956 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion: 43 Resp: 7725
 Ion Ratio Lower Upper
 43 100
 72 23.6 21.3 31.9

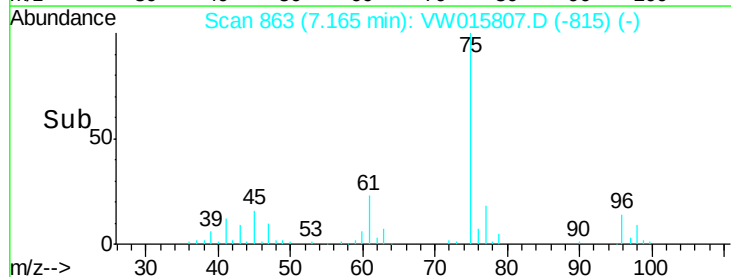
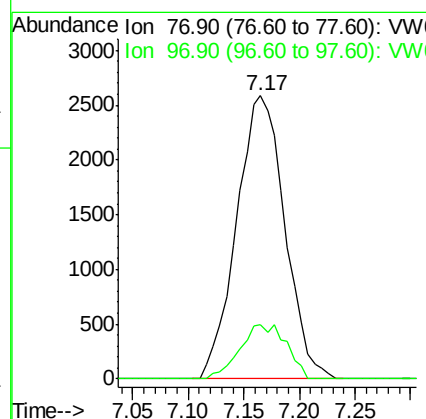
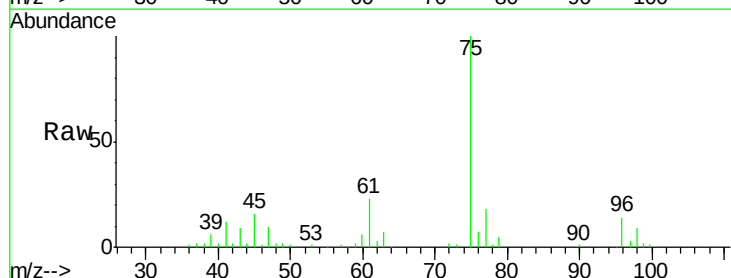
Manual Integrations
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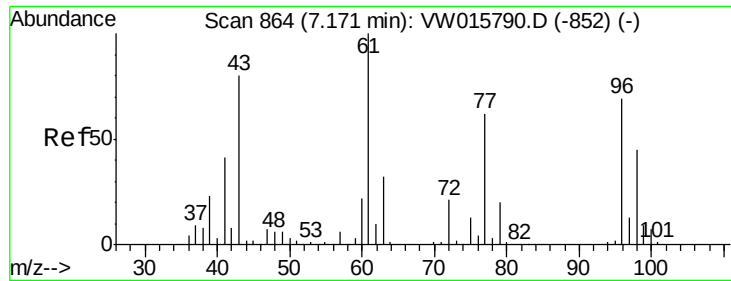
MMDadoda
 7/9/2020 10:47:34 AM



#26
 2,2-Dichloropropane
 Concen: 3.314 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 77 Resp: 7777
 Ion Ratio Lower Upper
 77 100
 97 18.5 11.0 33.0





#27

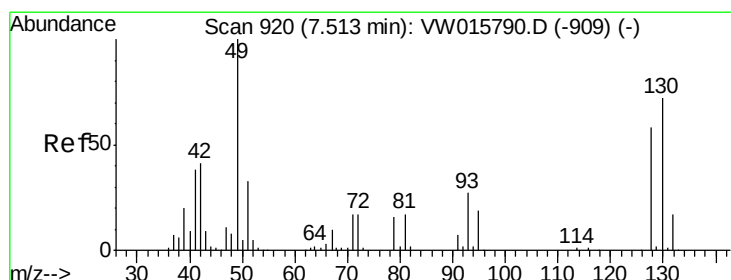
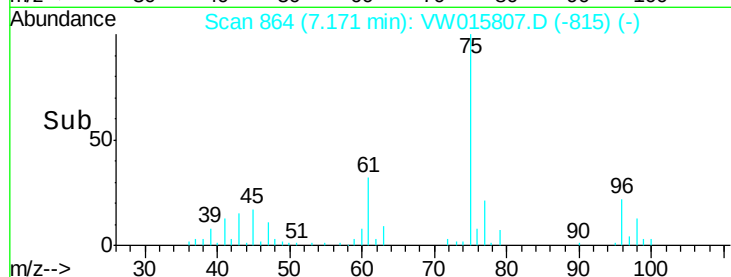
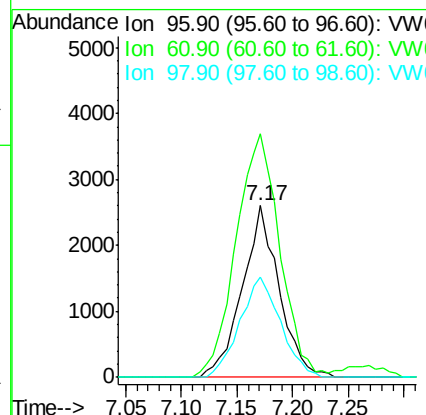
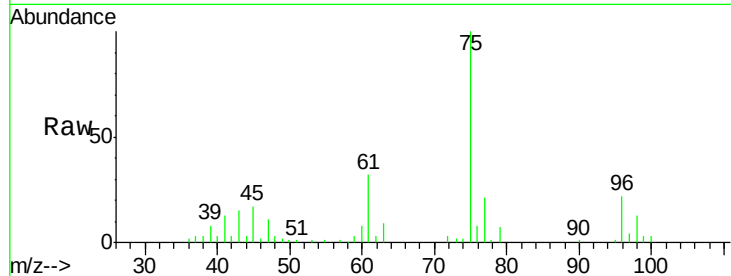
cis-1,2-Dichloroethene
Concen: 2.677 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.3	0.0	292.2
98	64.0	0.0	129.0

Manual Integrations
APPROVED

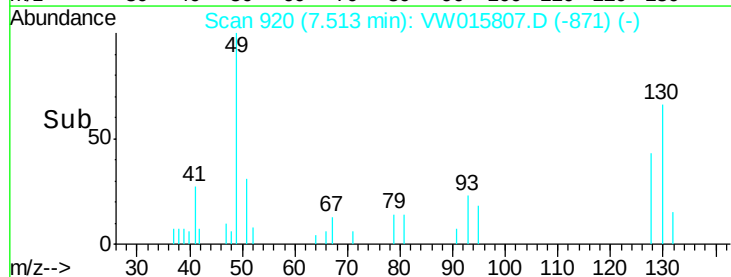
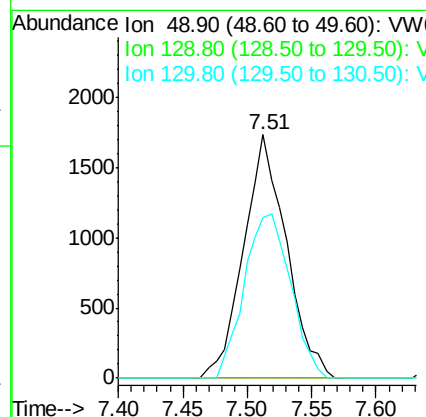
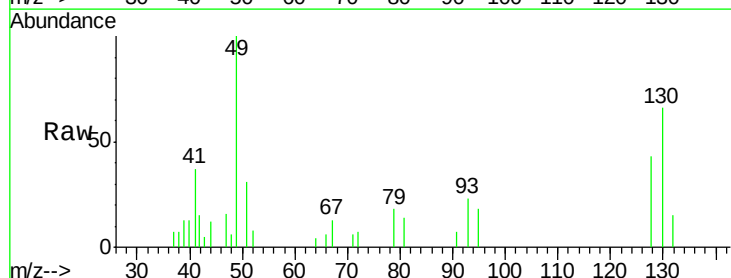
MMDadoda
7/9/2020 10:47:34 AM

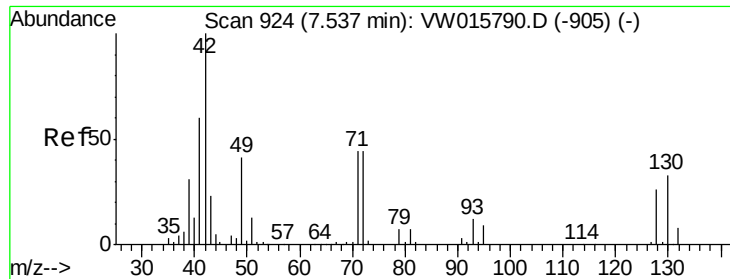


#28

Bromochloromethane
Concen: 2.680 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.6
130	73.1	59.5	89.3





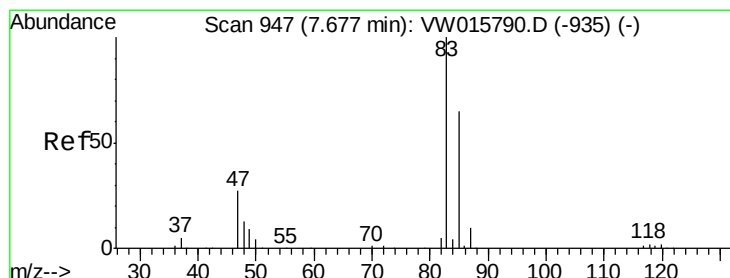
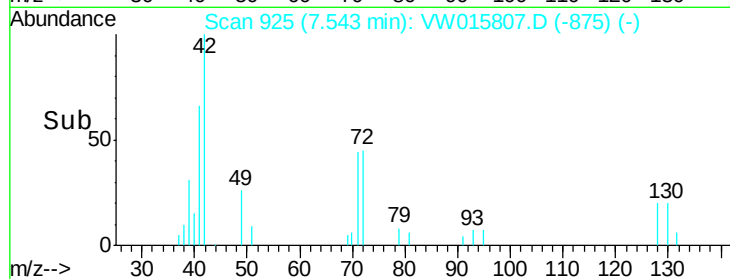
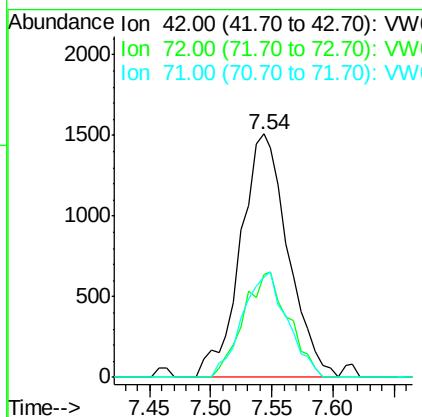
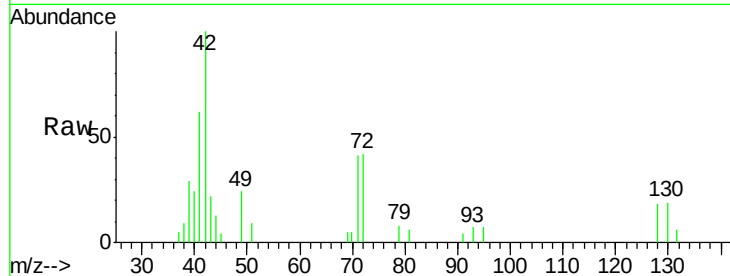
#29
Tetrahydrofuran
Concen: 13.046 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	34.6	51.8
71	40.5	32.8	49.2

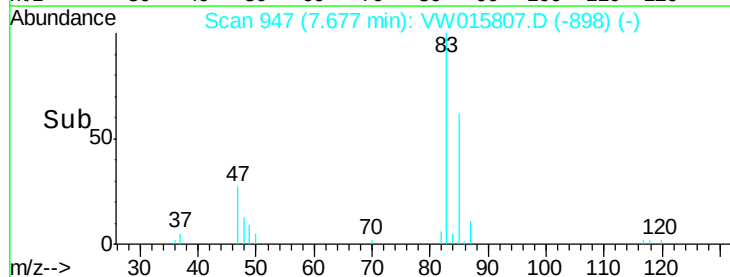
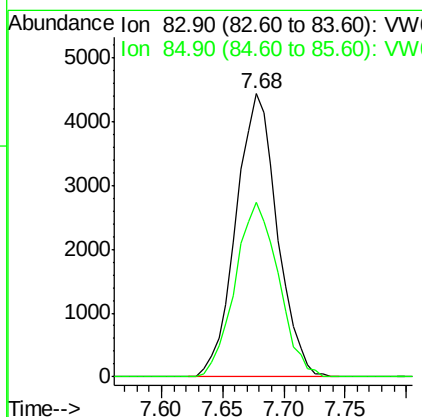
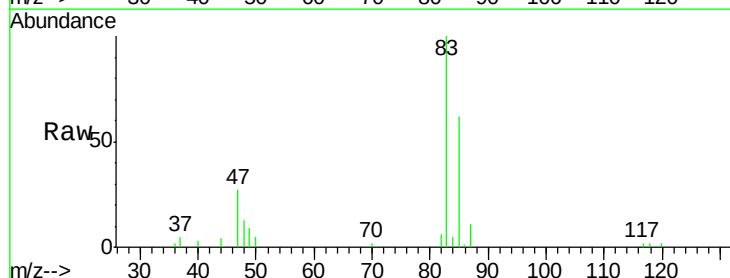
Manual Integrations
APPROVED

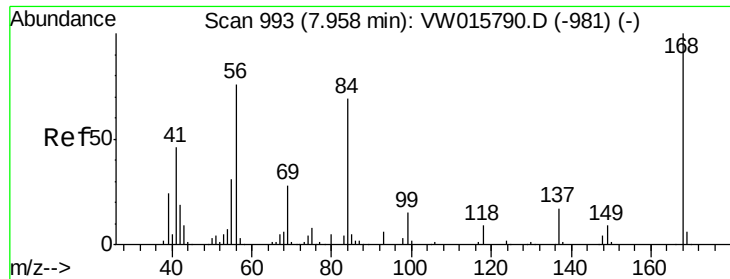
MMDadoda
7/9/2020 10:47:34 AM



#30
Chloroform
Concen: 2.716 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.6	77.4





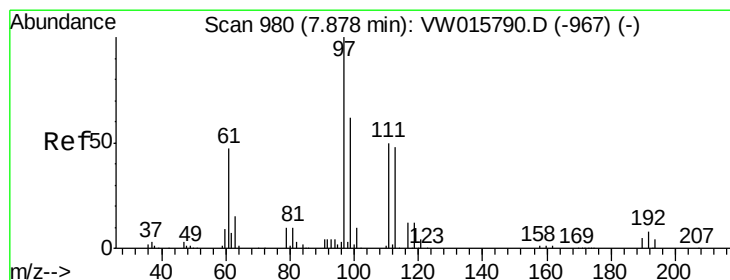
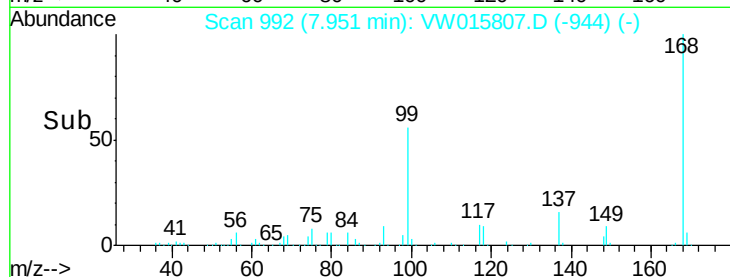
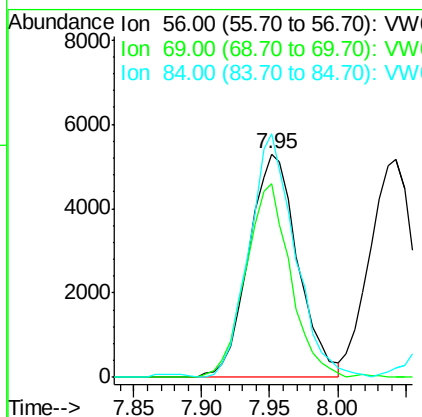
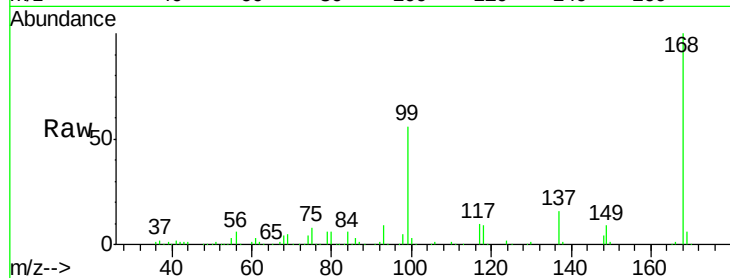
#31
Cyclohexane
Concen: 3.787 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	56	69	84
Resp	13334		
Ratio	100	86.7	107.9
Lower		28.9	72.2
Upper		43.3#	108.4

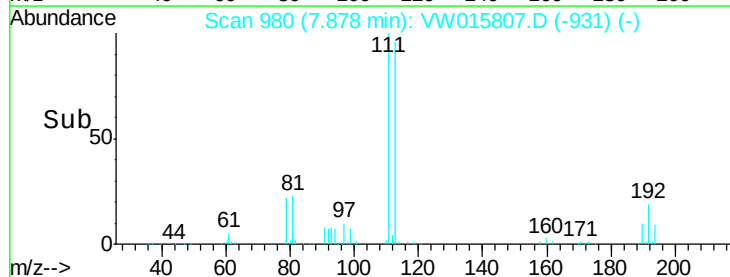
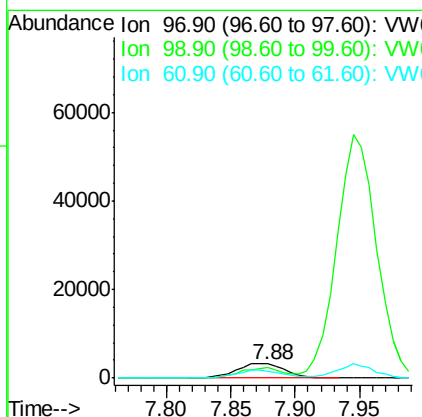
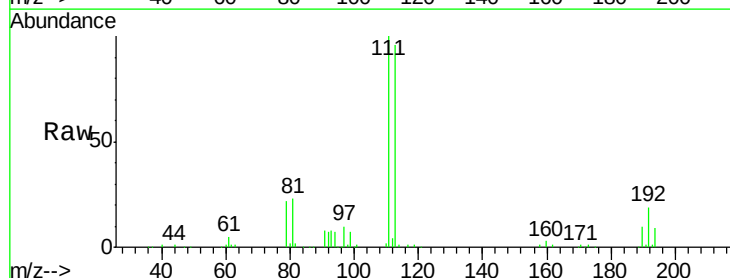
Manual Integrations
APPROVED

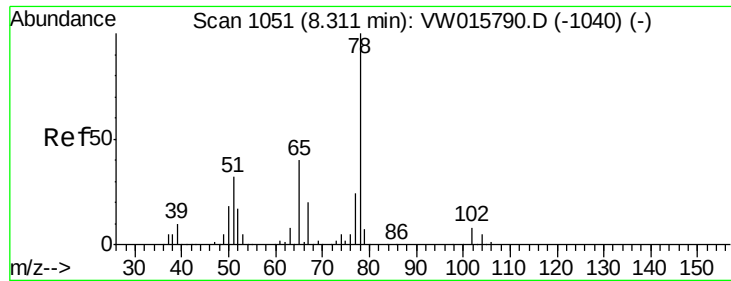
MMDadoda
7/9/2020 10:47:34 AM



#32
1,1,1-Trichloroethane
Concen: 2.663 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	97	99	61
Resp	8538		
Ratio	100	61.0	51.8
Lower		51.0	38.6
Upper		76.4	57.8





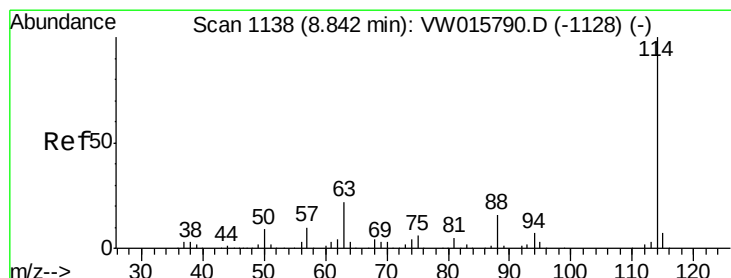
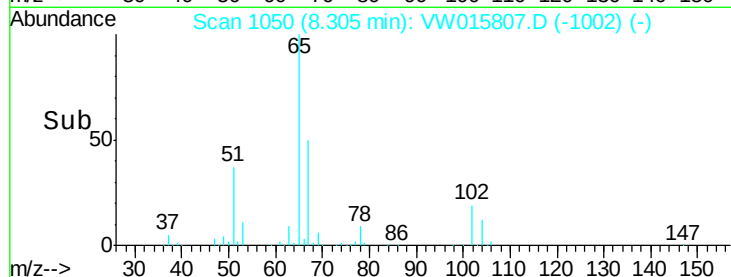
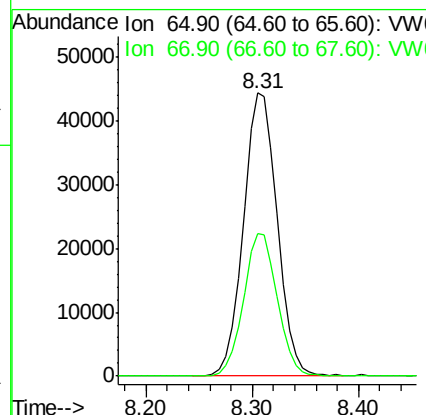
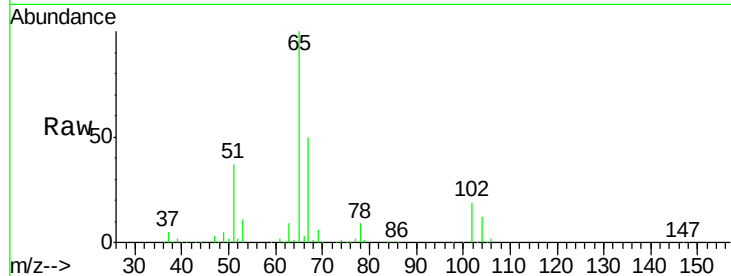
#33
 1,2-Dichloroethane-d4
 Concen: 48.573 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.4

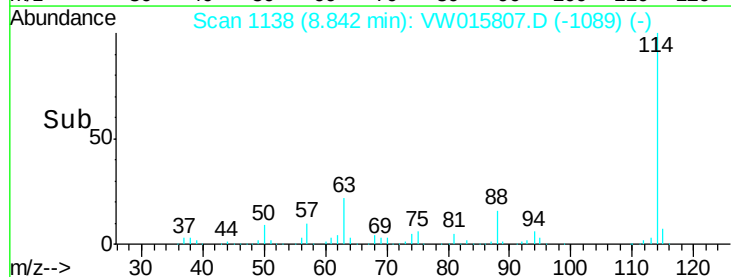
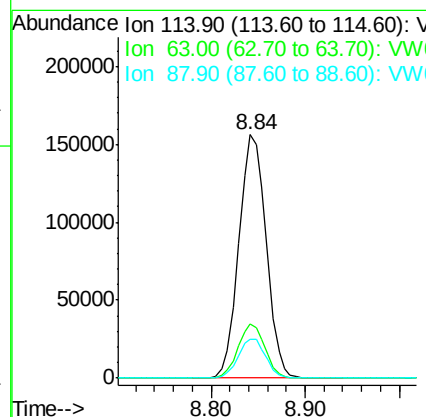
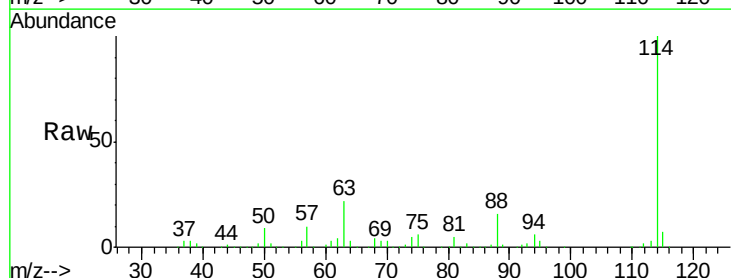
Manual Integrations
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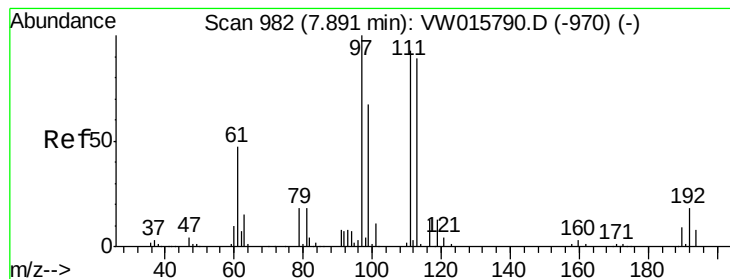
MMDadoda
 7/9/2020 10:47:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.4
88	16.1	0.0	32.6





#35

Dibromofluoromethane

Concen: 46.891 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion:113 Resp: 85729

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

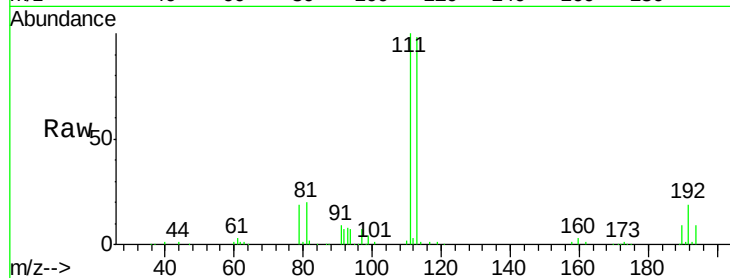
192 19.7 15.4 23.2

Manual Integrations

APPROVED

MMDadoda

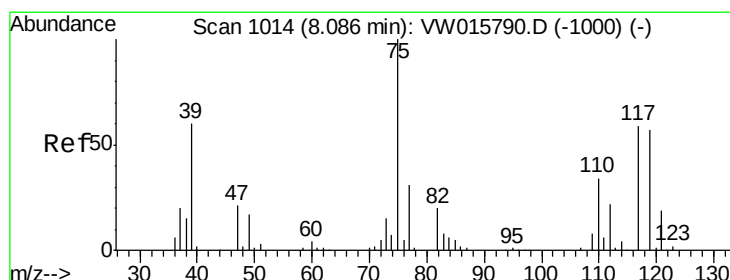
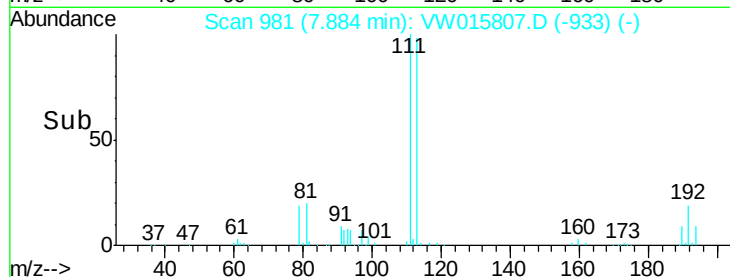
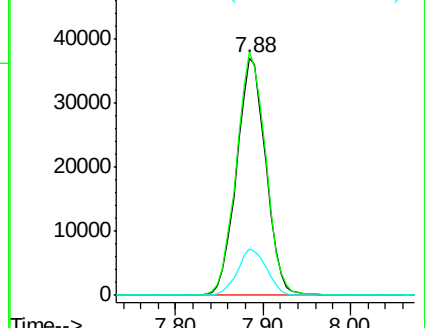
7/9/2020 10:47:34 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 2.699 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

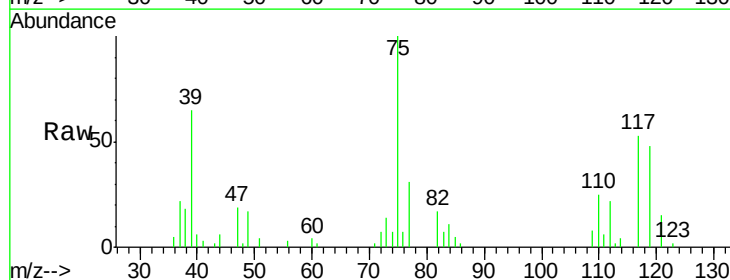
Tgt Ion: 75 Resp: 8338

Ion Ratio Lower Upper

75 100

110 32.2 16.8 50.3

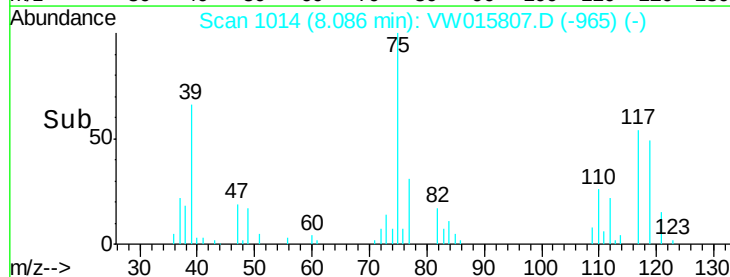
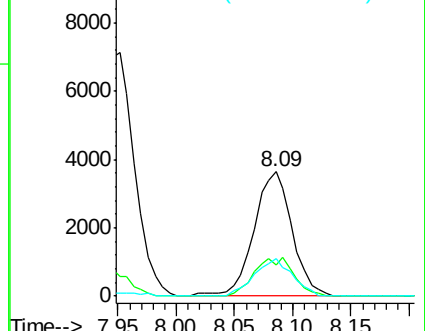
77 29.9 24.7 37.1

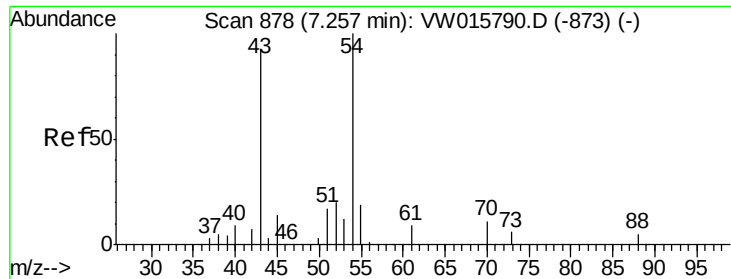


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





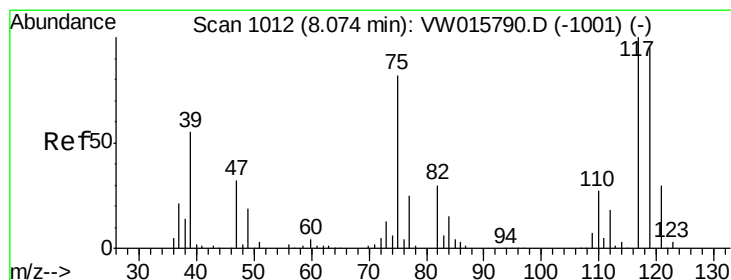
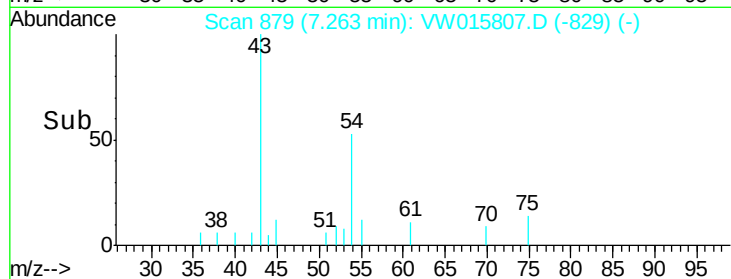
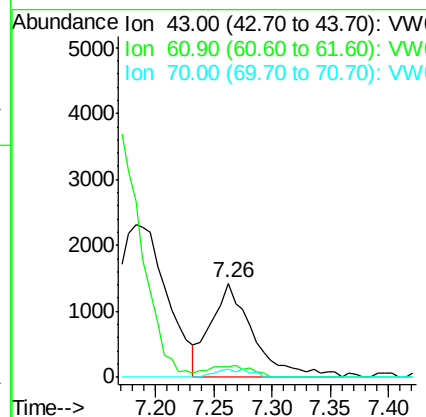
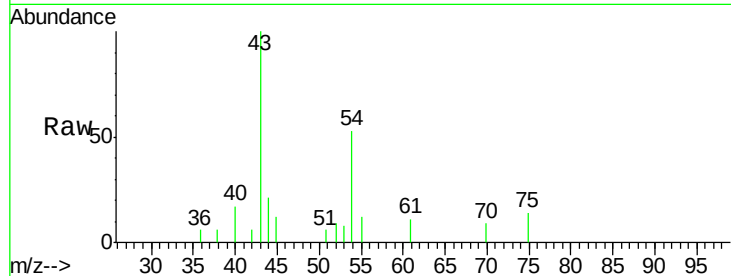
#37
Ethyl Acetate
Concen: 2.989 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	7.2	8.4	12.6

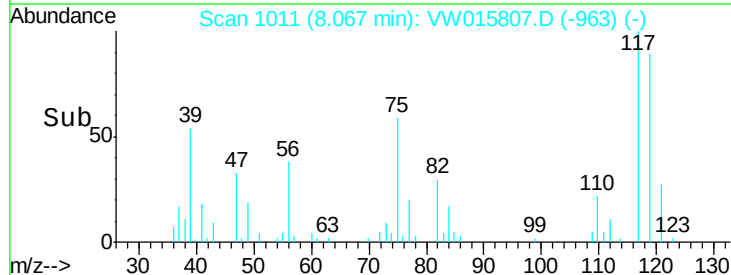
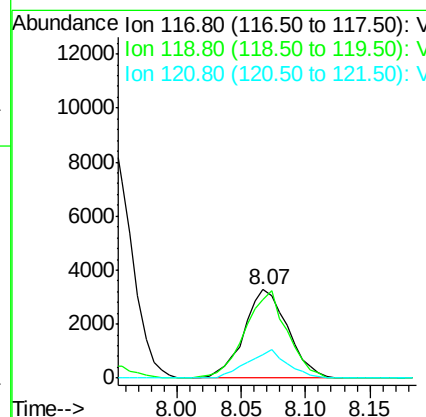
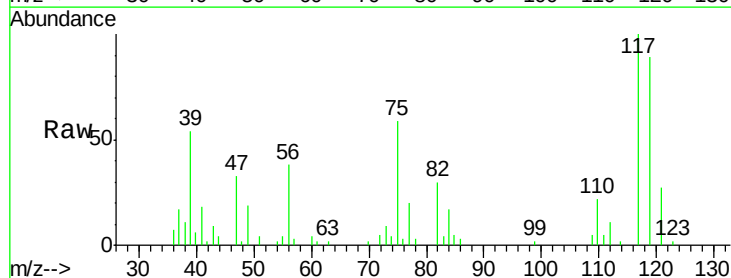
Manual Integrations
APPROVED

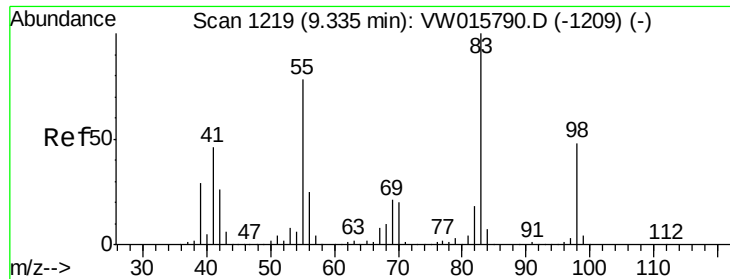
MMDadoda
7/9/2020 10:47:34 AM



#38
Carbon Tetrachloride
Concen: 2.583 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	76.3	114.5
121	26.9	24.0	36.0





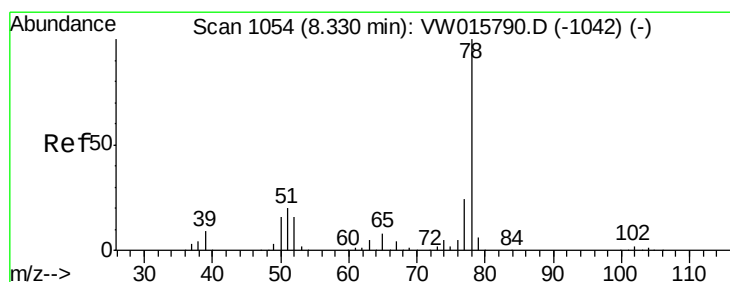
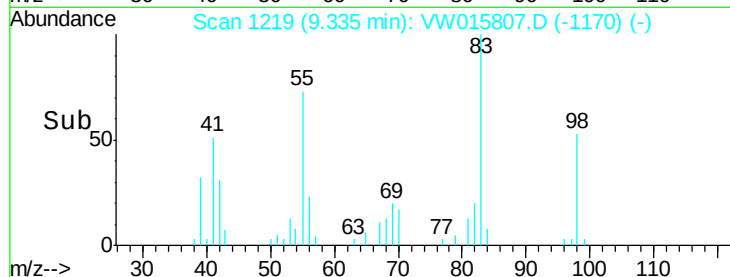
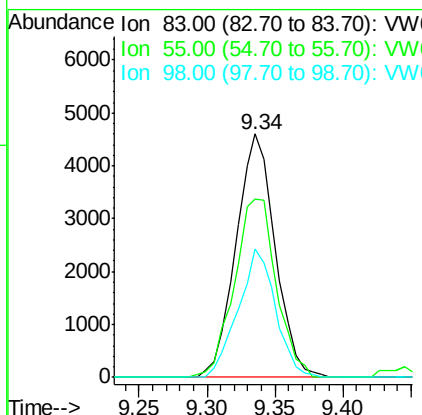
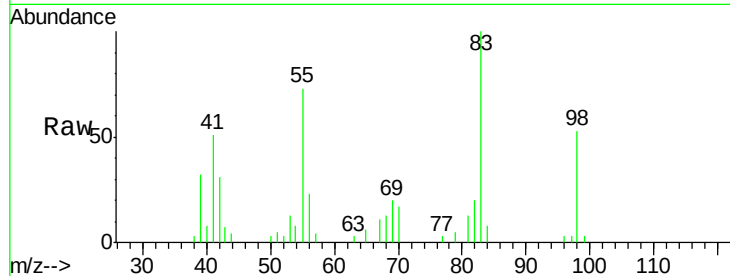
#39
Methylvlcyclohexane
Concen: 2.532 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion	83	Resp	9231
Ion Ratio	100	Lower	Upper
83	100		
55	73.5	62.6	94.0
98	52.8	38.6	58.0

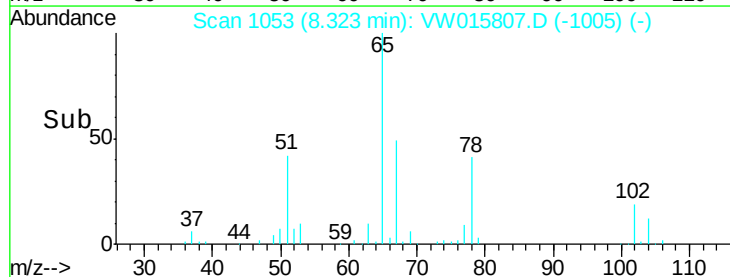
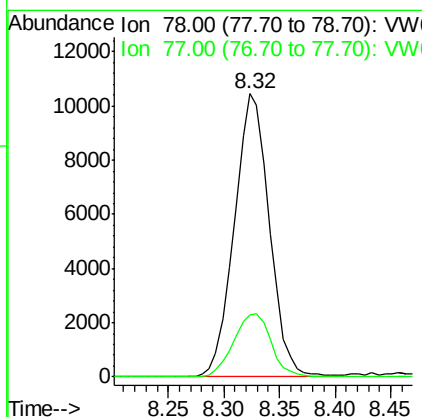
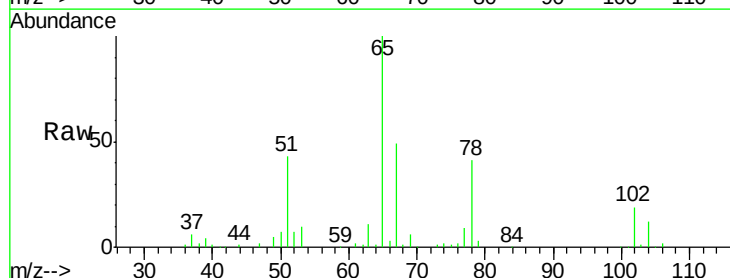
Manual Integrations
APPROVED

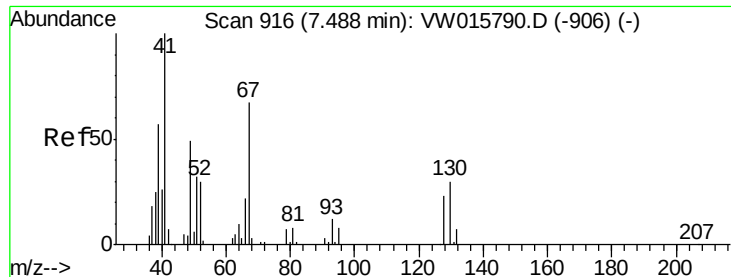
MMDadoda
7/9/2020 10:47:34 AM



#40
Benzene
Concen: 2.697 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	78	Resp	22823
Ion Ratio	100	Lower	Upper
78	100		
77	21.8	19.0	28.6





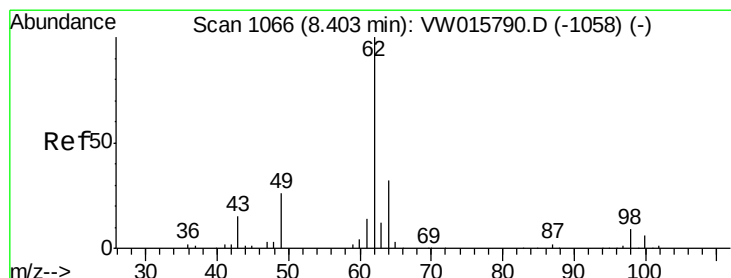
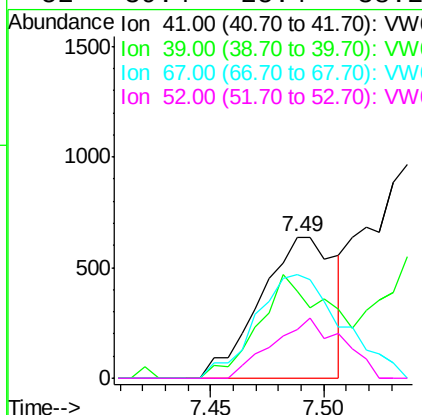
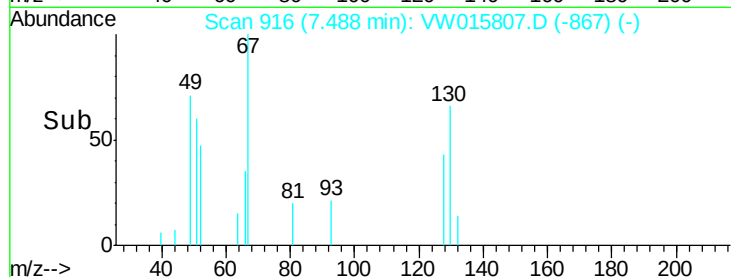
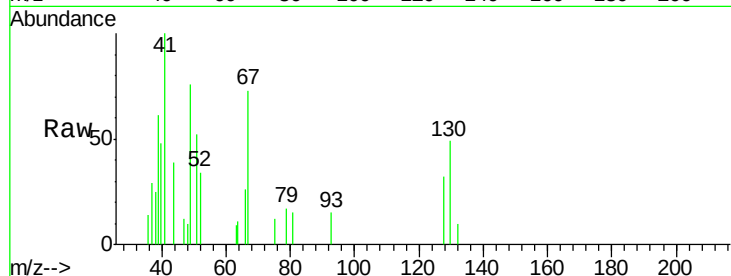
#41
Methacrylonitrile
Concen: 2.167 ug/l m
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.6	44.6	66.8#
67	83.9	56.4	84.6
52	39.4	25.4	38.2#

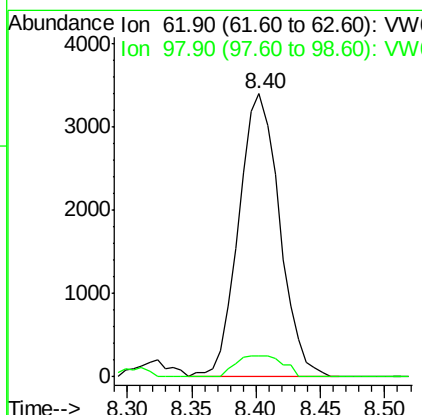
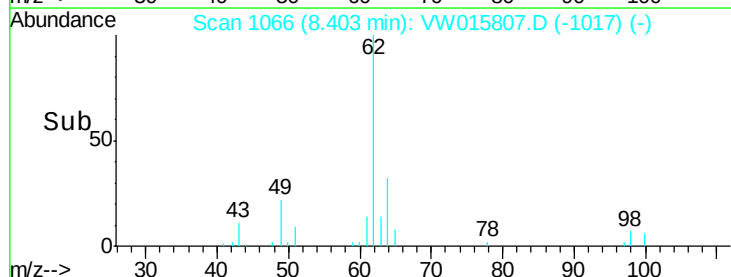
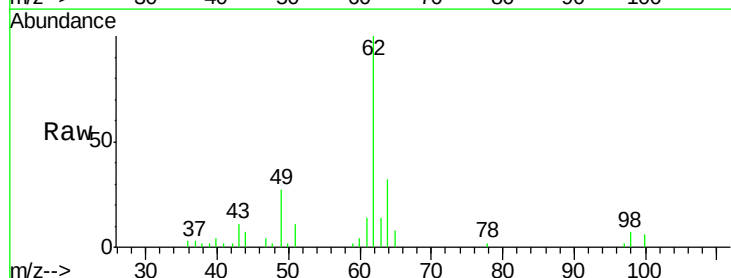
Manual Integrations
APPROVED

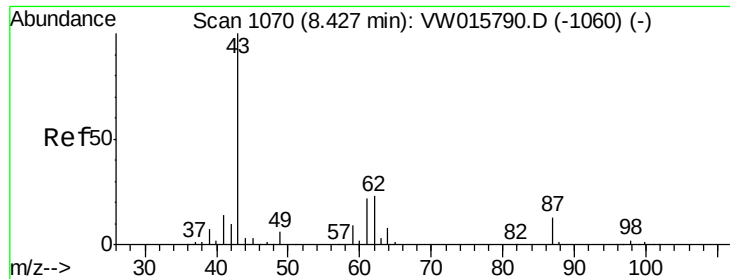
MMDadoda
7/9/2020 10:47:34 AM



#42
1,2-Dichloroethane
Concen: 2.843 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 2.503 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

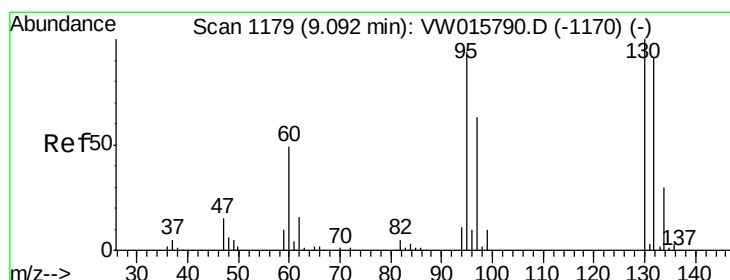
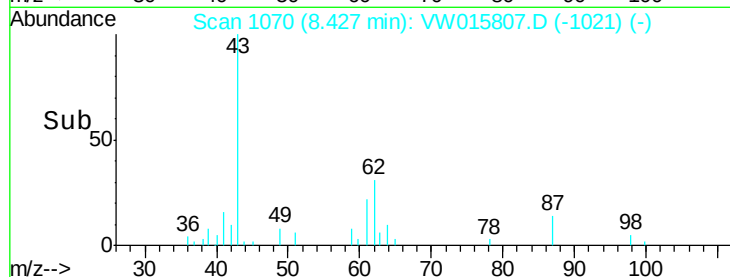
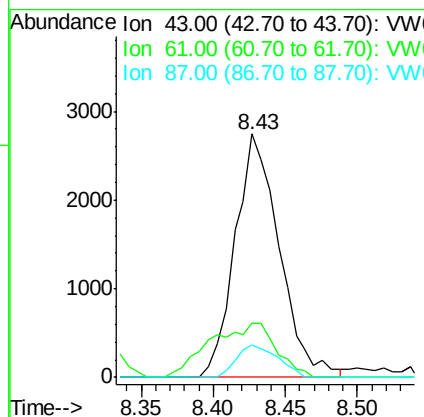
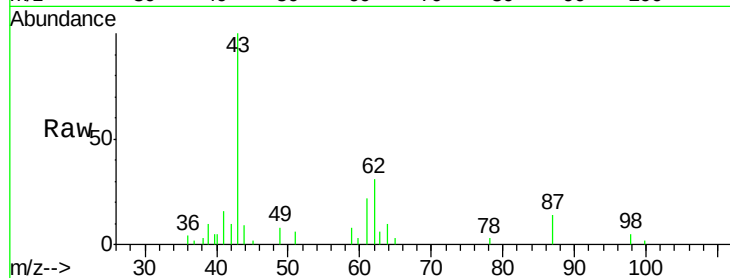
ClientSampled :

TP-8-S1

Tot Ion:	43	Resp:	5864
Ion	Ratio	Lower	Upper
43	100		
61	33.2	24.8	37.2
87	12.5	10.4	15.6

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#44

Trichloroethene

Concen: 2.726 ug/l

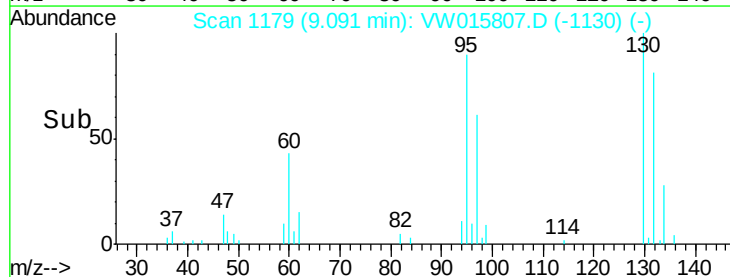
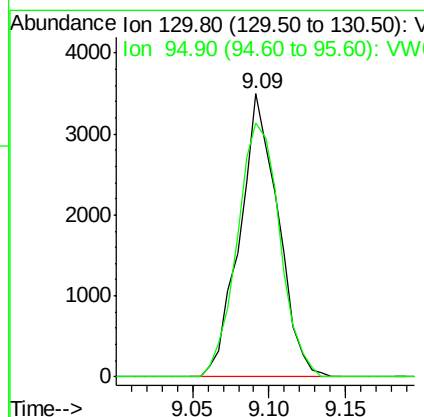
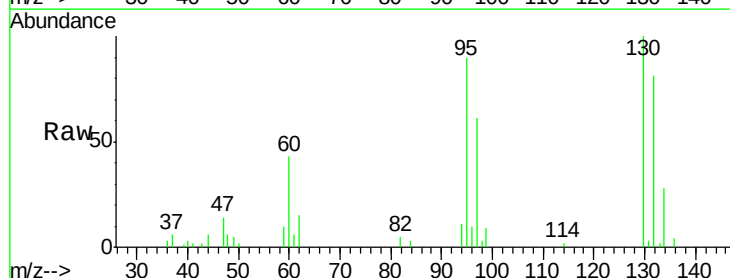
RT: 9.09 min Scan# 1179

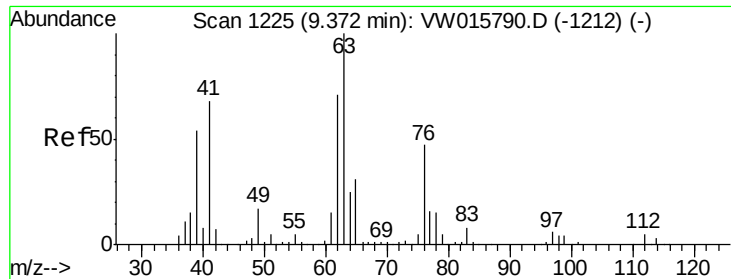
Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:	130	Resp:	6102
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.6





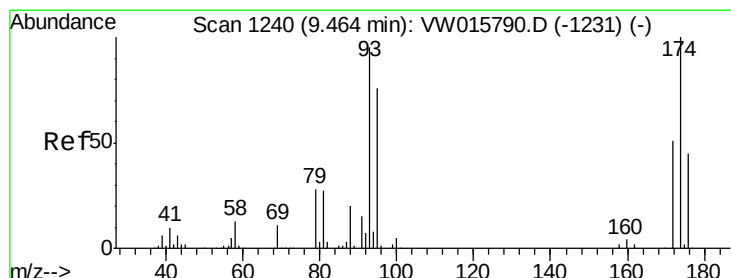
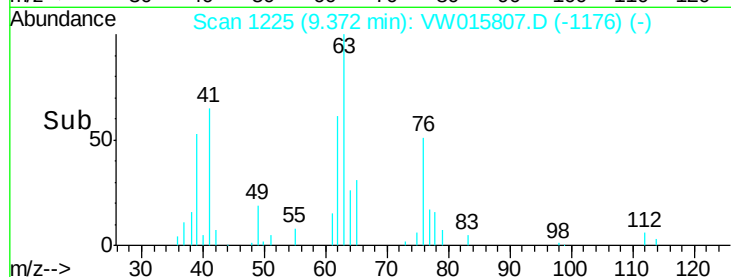
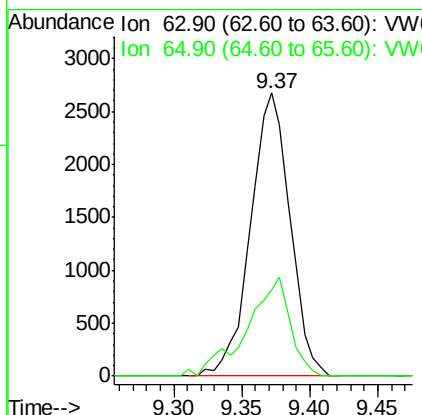
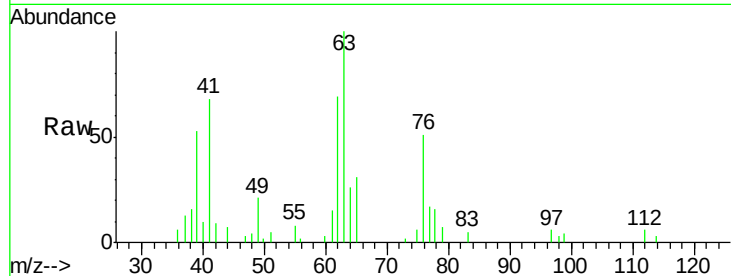
#45
 1,2-Dichloropropane
 Concen: 2.615 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion: 63 Resp: 5440
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.5 36.7

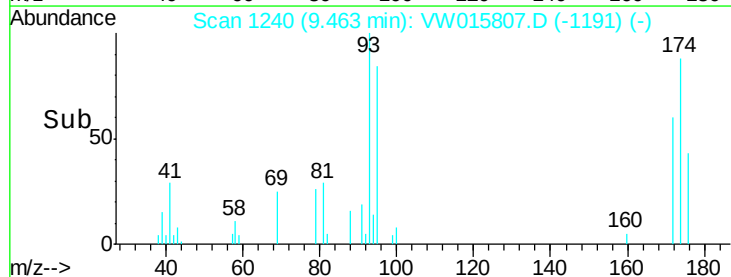
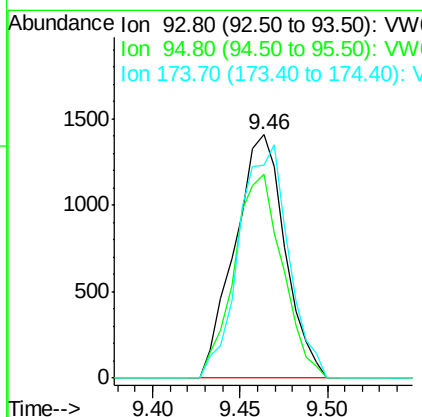
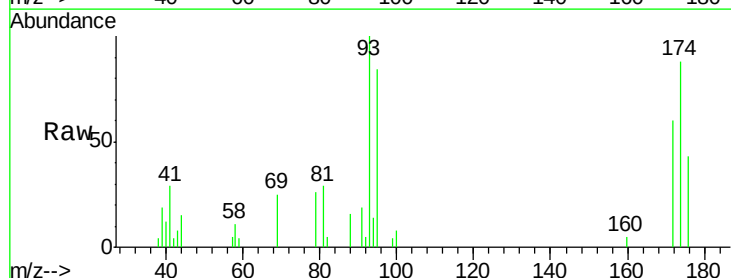
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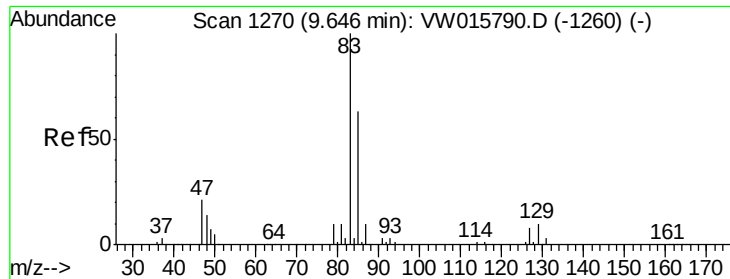
MMDadoda
 7/9/2020 10:47:34 AM



#46
 Dibromomethane
 Concen: 2.619 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 93 Resp: 2804
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.0 99.0
 174 94.4 78.7 118.1





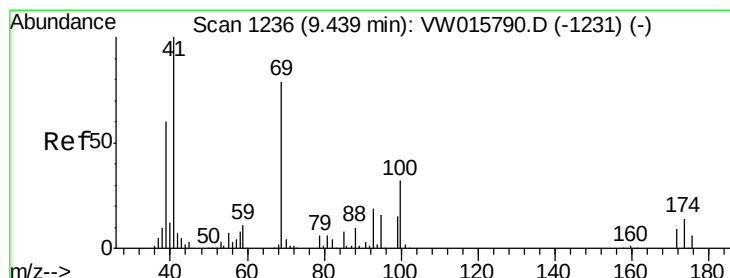
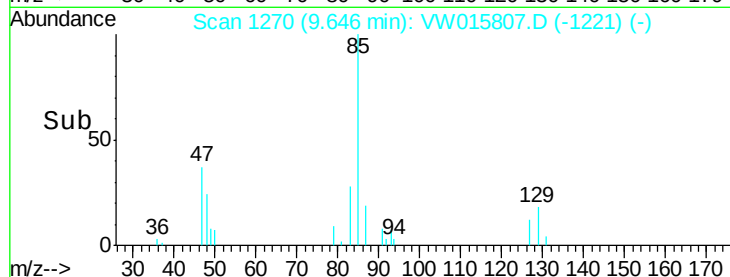
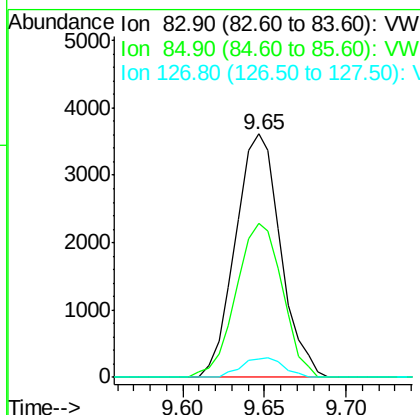
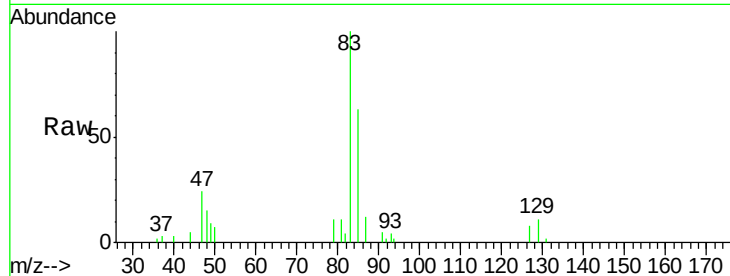
#47
 Bromodichloromethane
 Concen: 2.509 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	83	Resp	6950
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	50.6	76.0
127	7.6	6.2	9.2

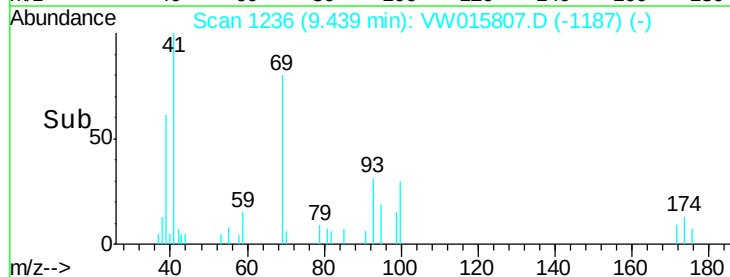
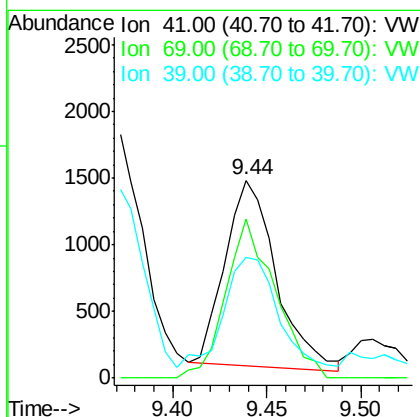
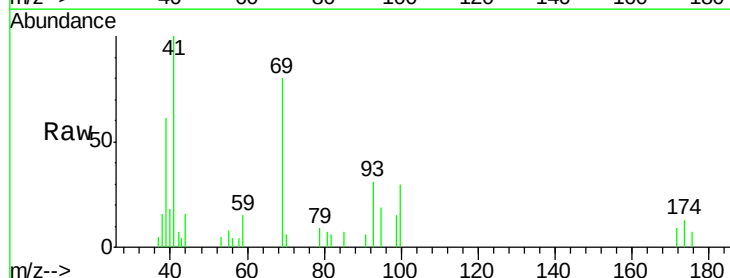
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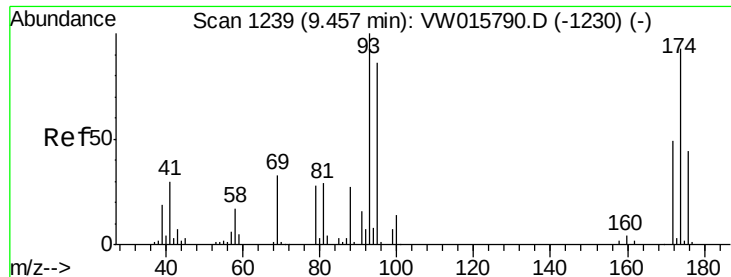
MMDadoda
 7/9/2020 10:47:34 AM



#48
 Methyl methacrylate
 Concen: 2.432 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	41	Resp	2611
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	67.1	100.7
39	77.2	49.9	74.9#





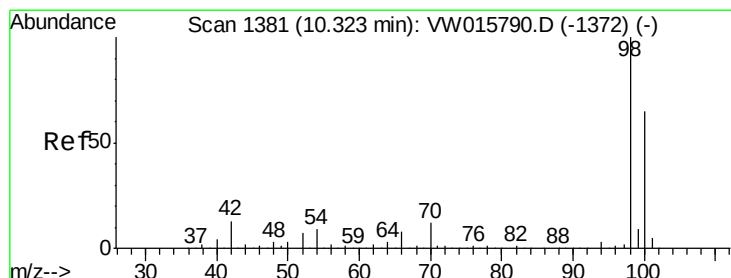
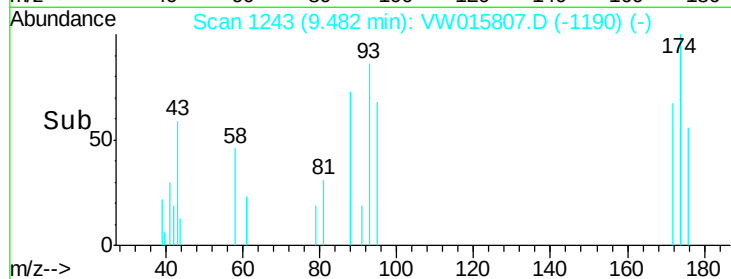
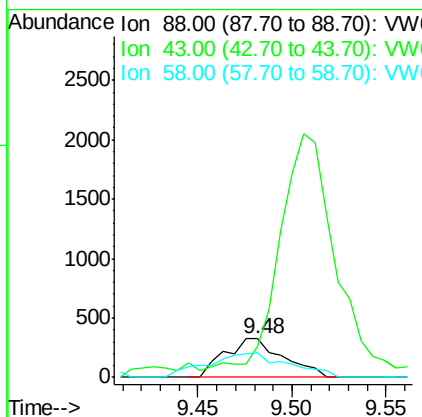
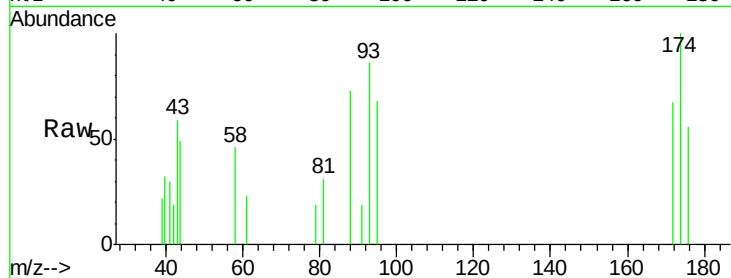
#49
1,4-Dioxane
Concen: 53.102 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.1	42.1#
58	87.3	59.3	88.9

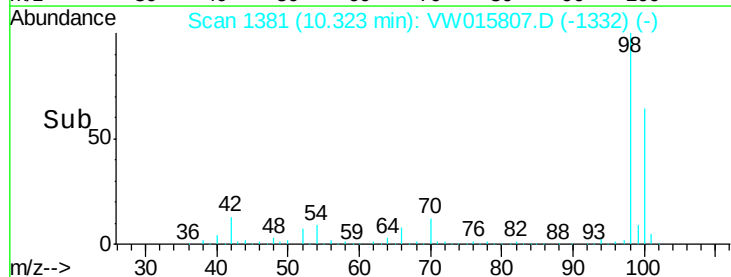
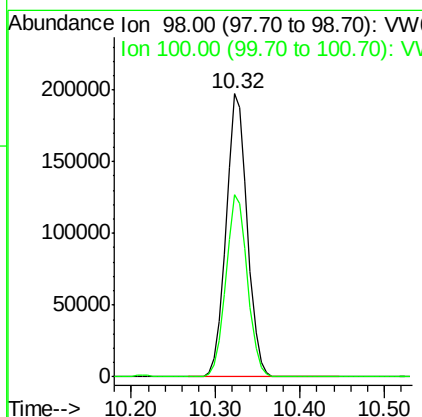
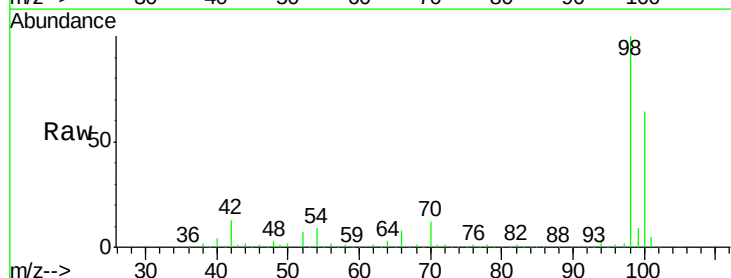
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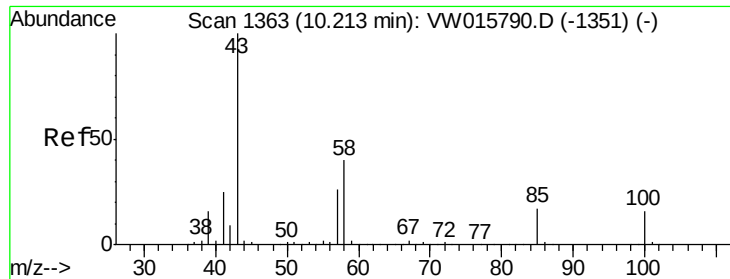
MMDadoda
7/9/2020 10:47:34 AM



#50
Toluene-d8
Concen: 48.340 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 12.279 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion: 43 Resp: 14039

Ion Ratio Lower Upper

43 100

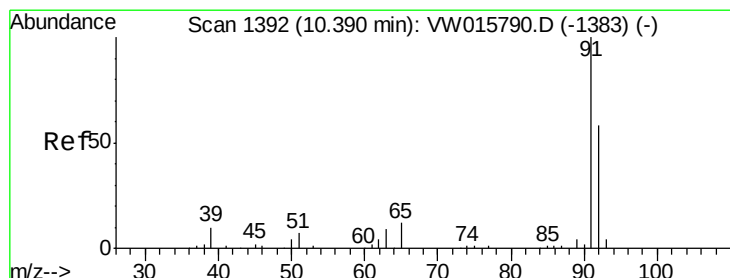
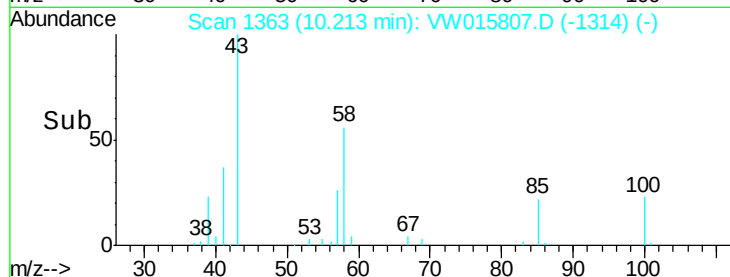
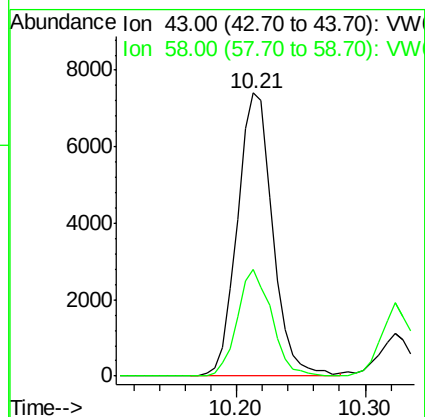
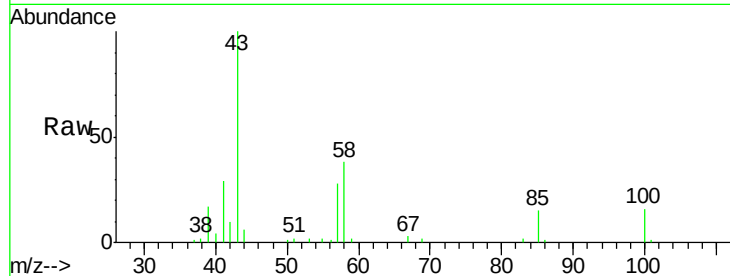
58 36.6 30.9 46.3

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MMDadoda

7/9/2020 10:47:34 AM



#52

Toluene

Concen: 2.680 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015807.D

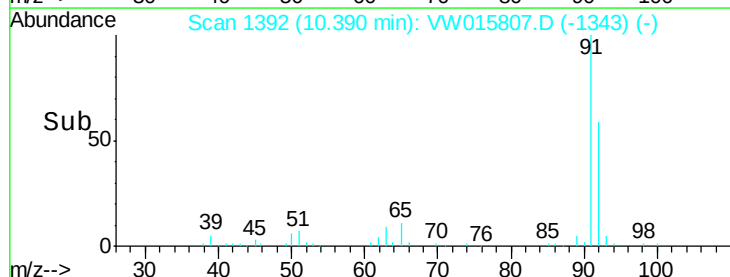
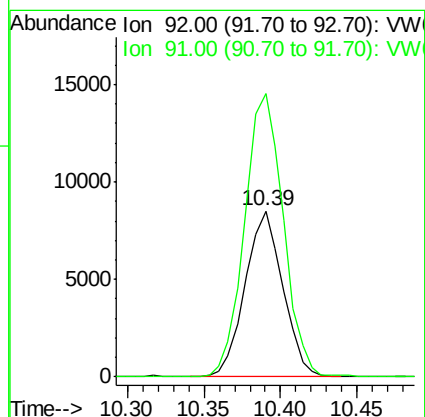
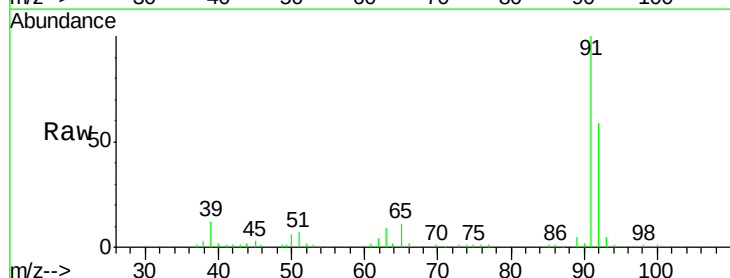
Acq: 08 Jul 2020 14:18

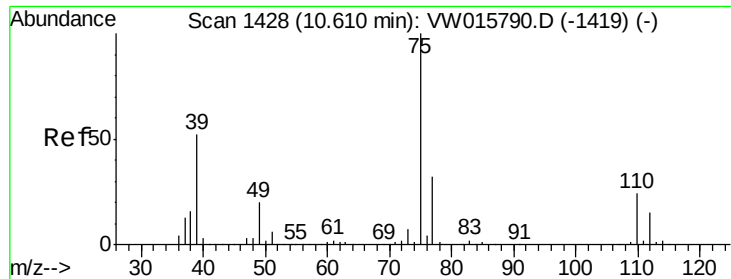
Tgt Ion: 92 Resp: 14593

Ion Ratio Lower Upper

92 100

91 175.5 137.1 205.7





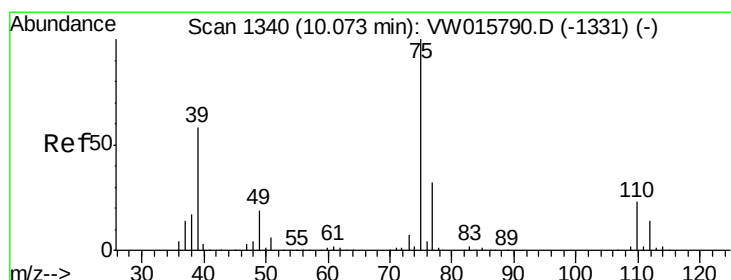
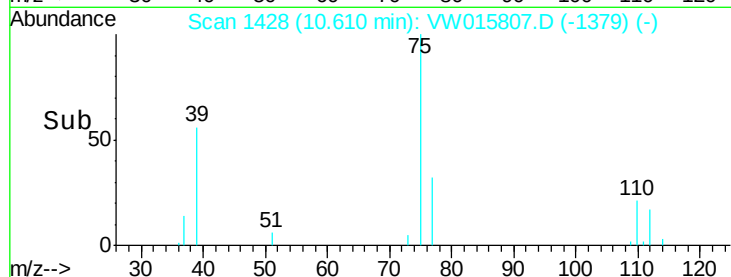
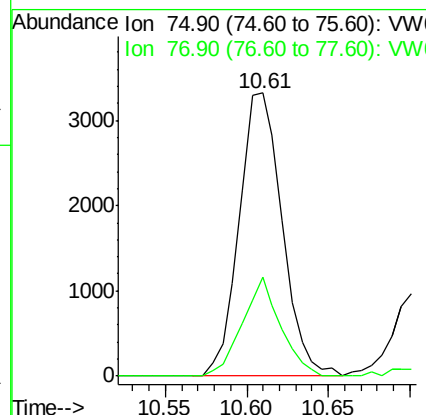
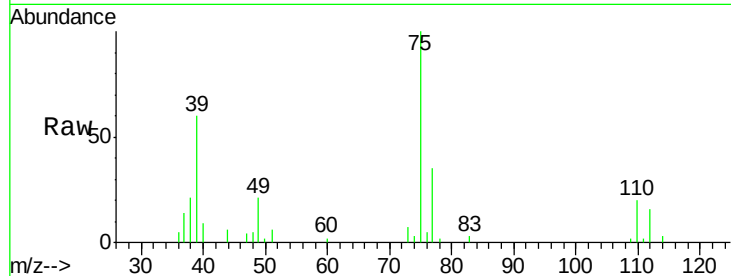
#53
t-1,3-Dichloropropene
Concen: 2.298 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion: 75 Resp: 6106
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0

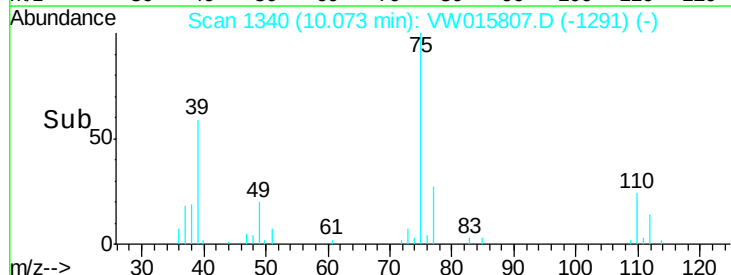
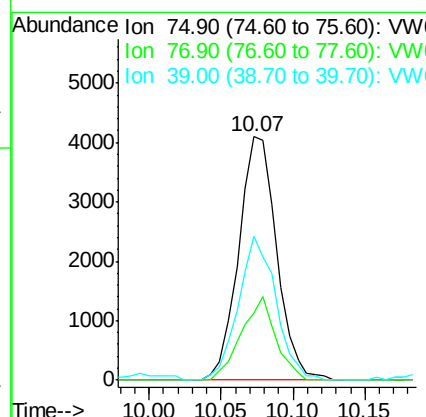
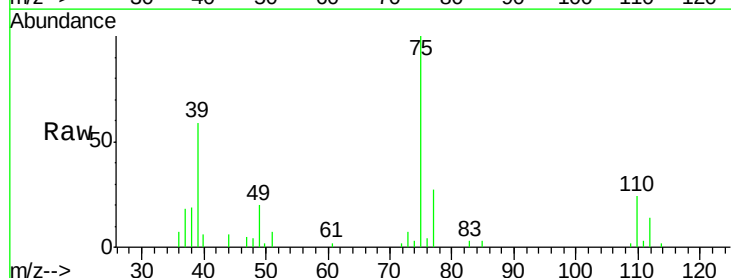
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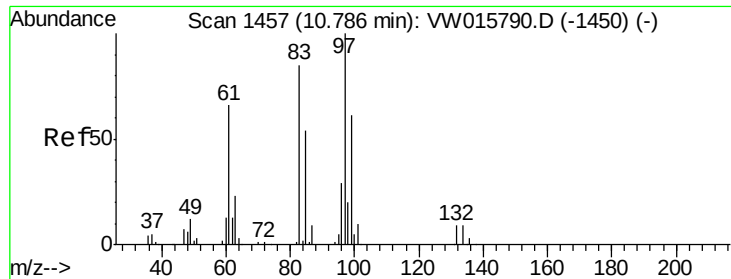
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 2.366 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 75 Resp: 7520
Ion Ratio Lower Upper
75 100
77 27.4 25.2 37.8
39 59.3 46.0 69.0





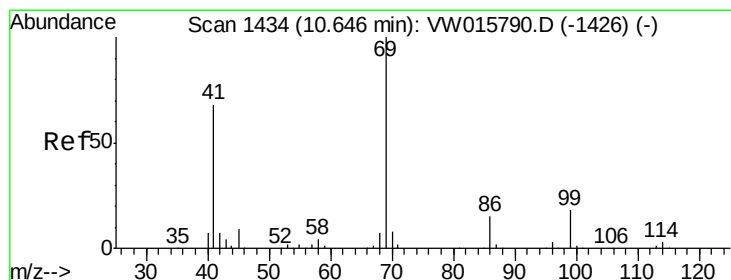
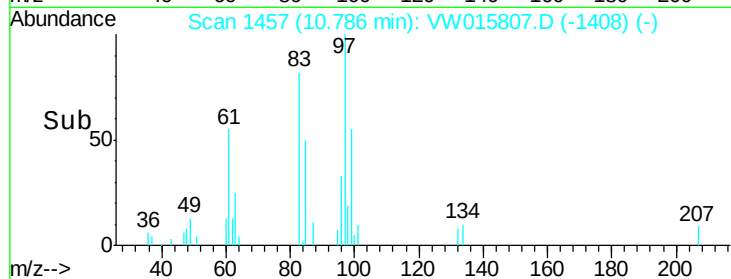
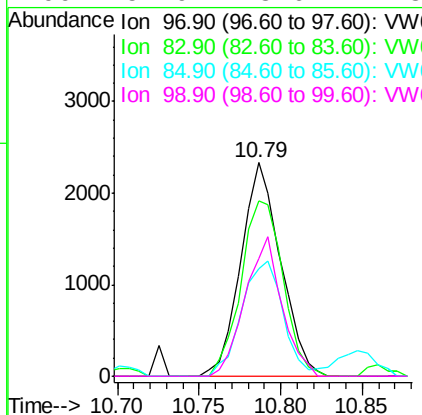
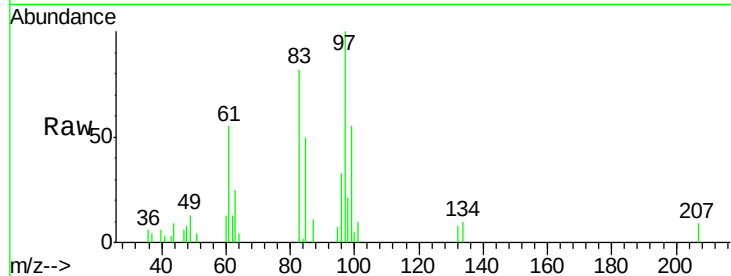
#55
 1,1,2-Trichloroethane
 Concen: 2.672 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion:	97	Resp:	3968
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.2	102.4
85	50.2	43.4	65.0
99	54.9	48.6	72.8

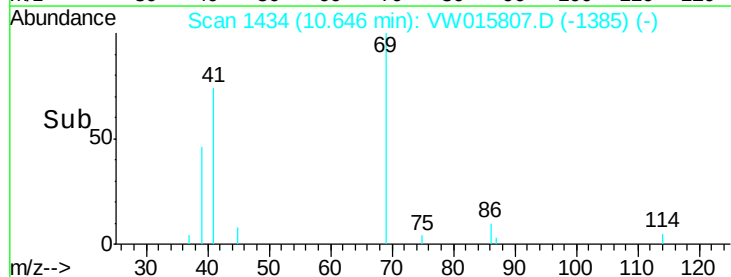
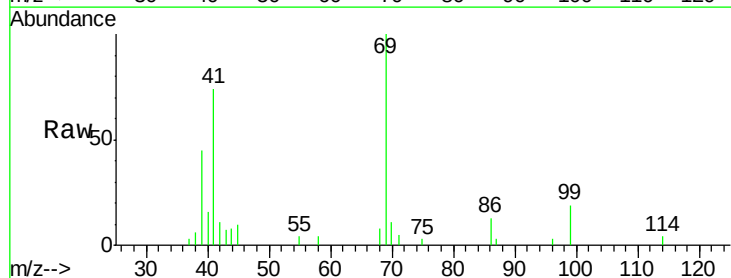
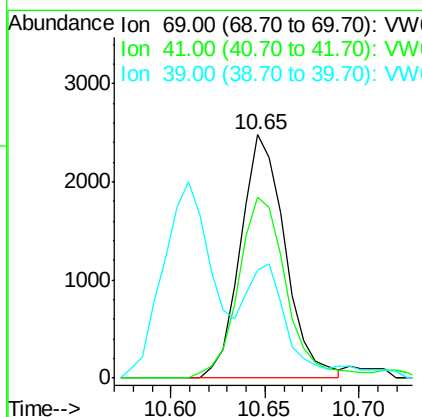
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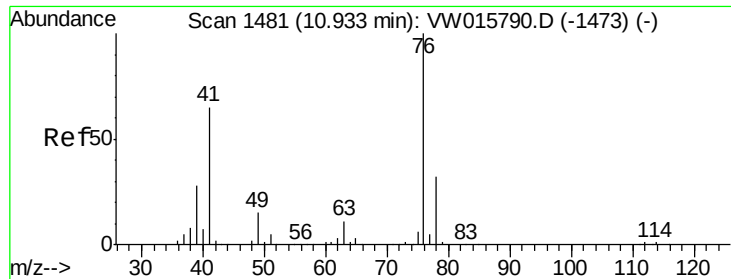
MMDadoda
 7/9/2020 10:47:34 AM



#56
 Ethyl methacrylate
 Concen: 2.226 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion:	69	Resp:	4064
Ion	Ratio	Lower	Upper
69	100		
41	80.1	55.0	82.6
39	36.8	33.8	50.8





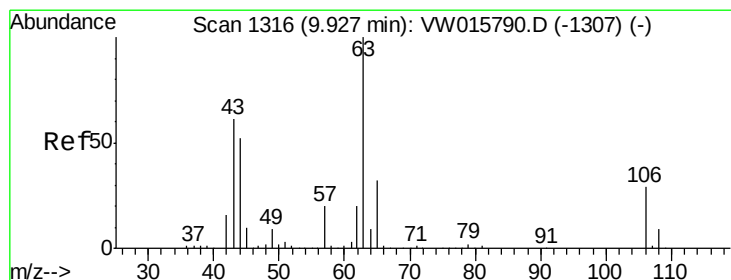
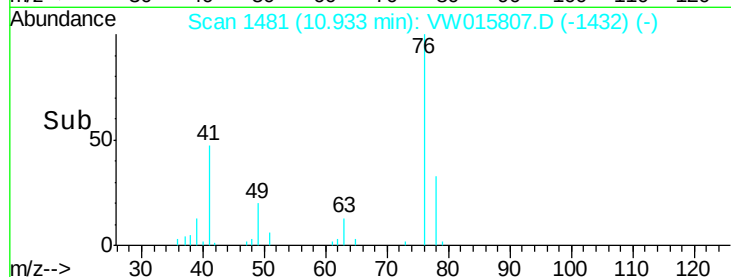
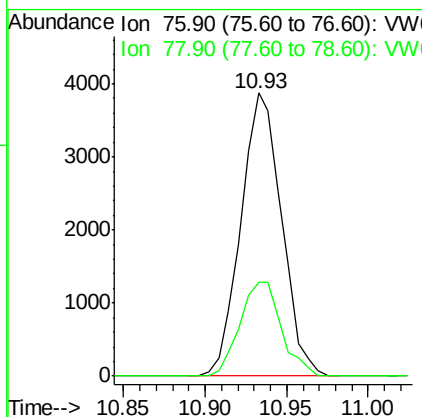
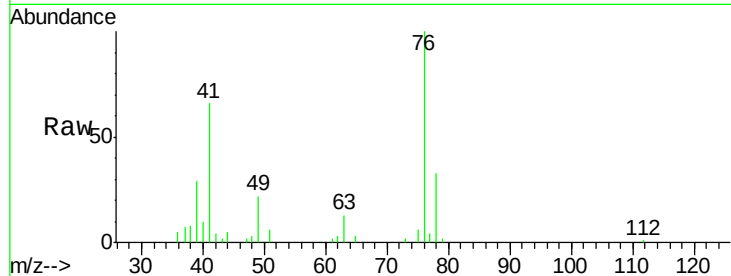
#57
 1,3-Dichloropropane
 Concen: 2.560 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion: 76 Resp: 6728
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.7 38.5

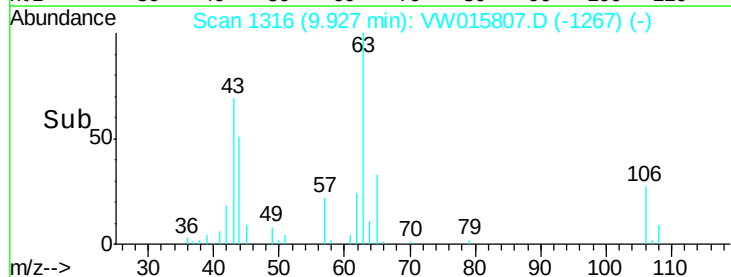
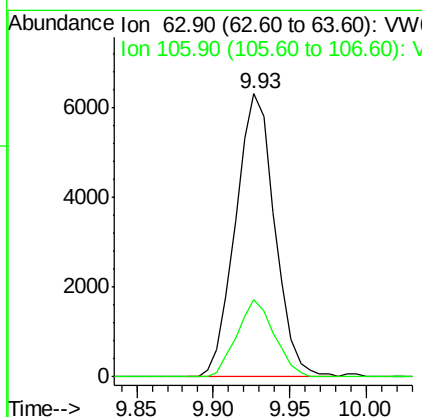
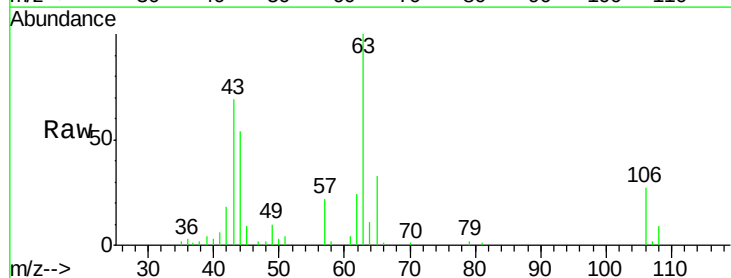
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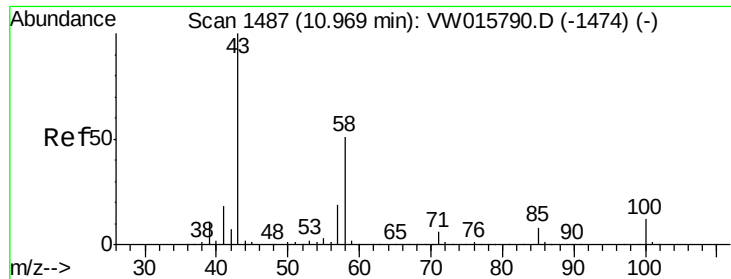
MMDadoda
 7/9/2020 10:47:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.562 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion: 63 Resp: 11205
 Ion Ratio Lower Upper
 63 100
 106 25.9 23.1 34.7





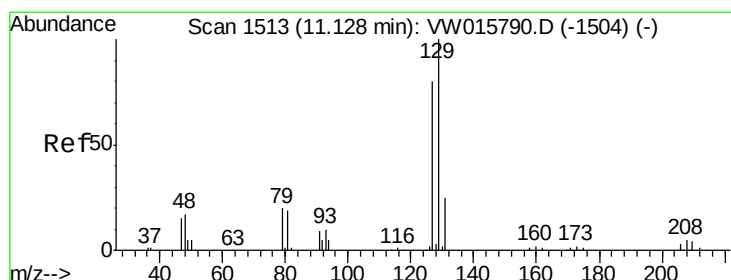
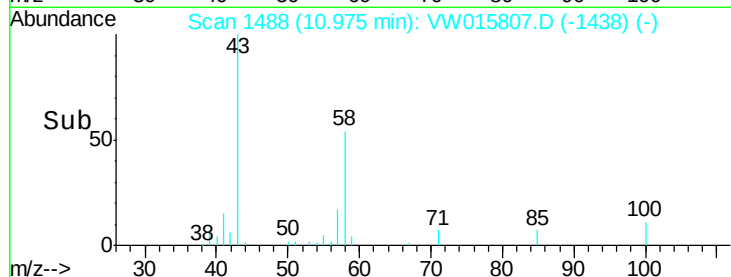
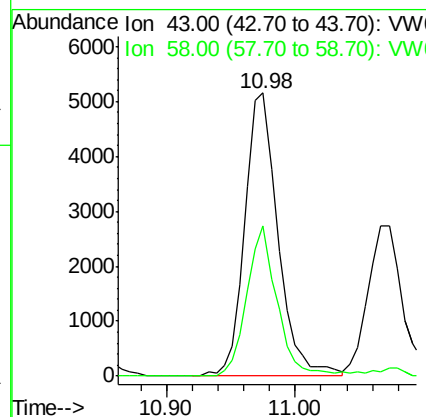
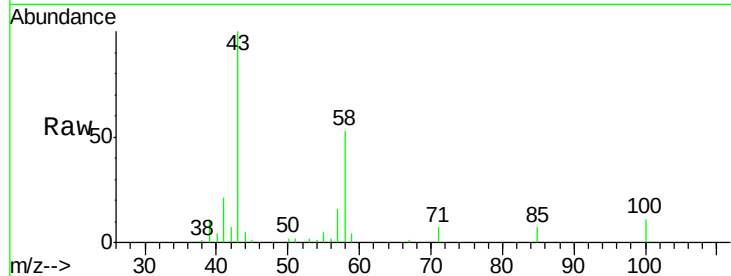
#59
2-Hexanone
Concen: 12.037 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion: 43 Resp: 9184
Ion Ratio Lower Upper
43 100
58 47.9 26.2 78.5

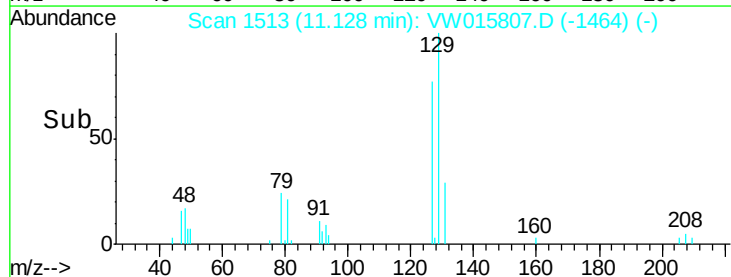
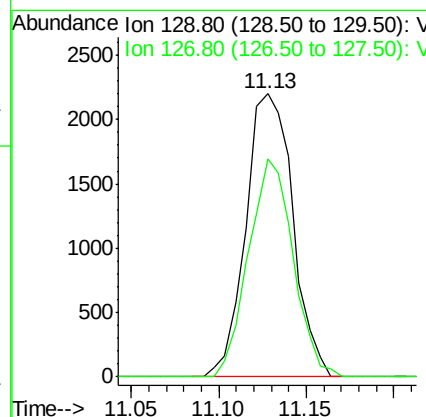
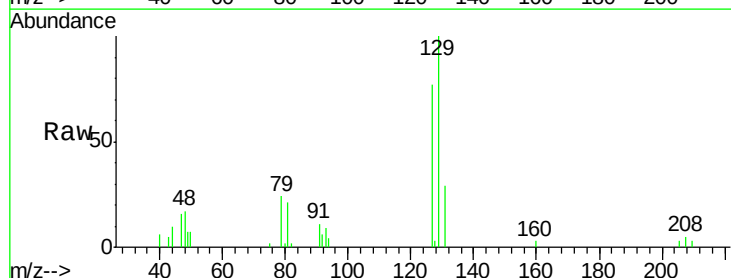
Manual Integrations
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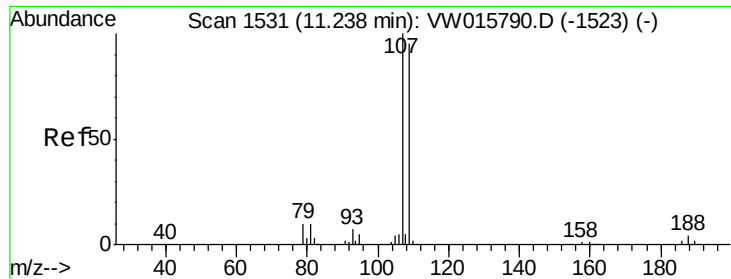
MMDadoda
7/9/2020 10:47:34 AM



#60
Dibromochloromethane
Concen: 2.407 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:129 Resp: 4128
Ion Ratio Lower Upper
129 100
127 73.4 39.4 118.1





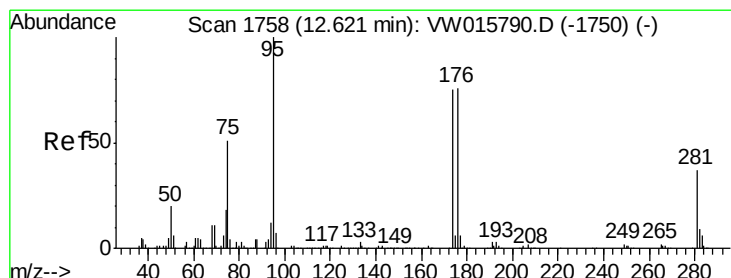
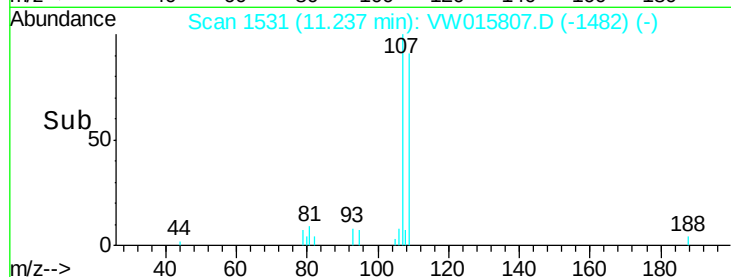
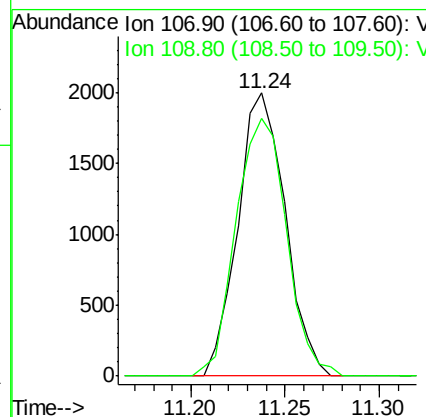
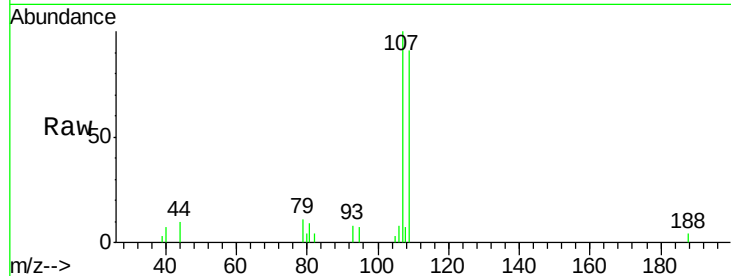
#61
 1,2-Dibromoethane
 Concen: 2.450 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	Ratio	Resp	Lower	Upper
107	100	3481		
109	97.1	77.0	115.6	

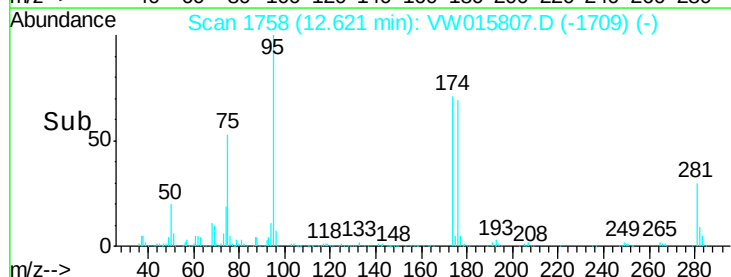
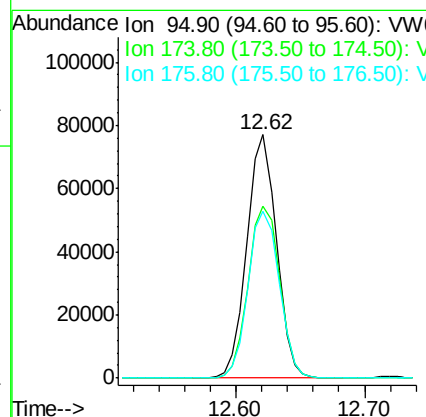
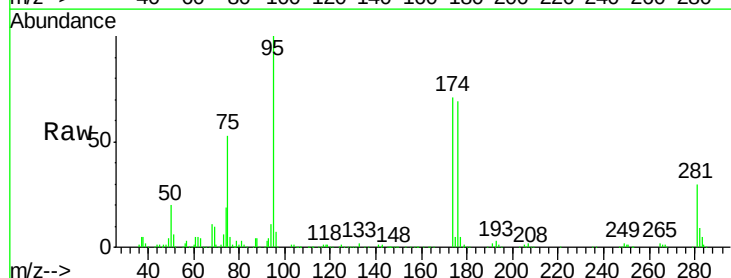
Manual Integrations
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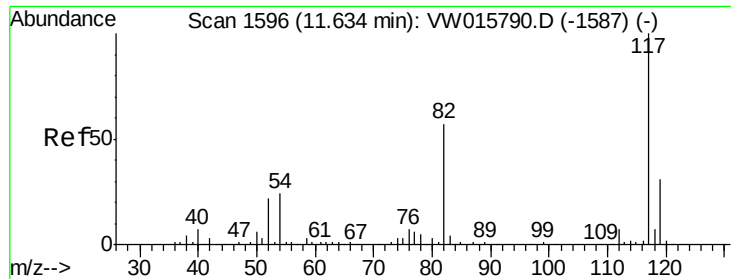
MMDadoda
 7/9/2020 10:47:34 AM



#62
 4-Bromofluorobenzene
 Concen: 47.503 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	122411		
174	75.0	0.0	150.2	
176	72.1	0.0	148.4	





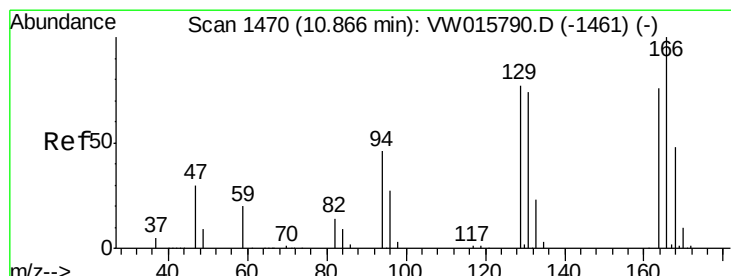
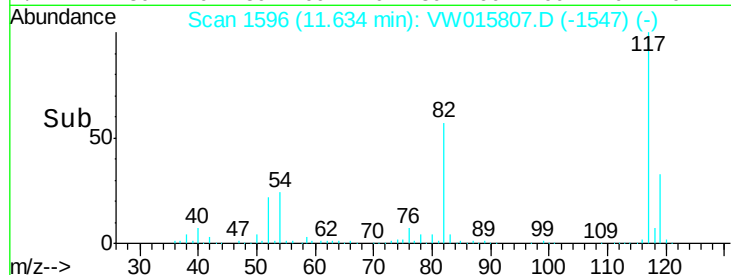
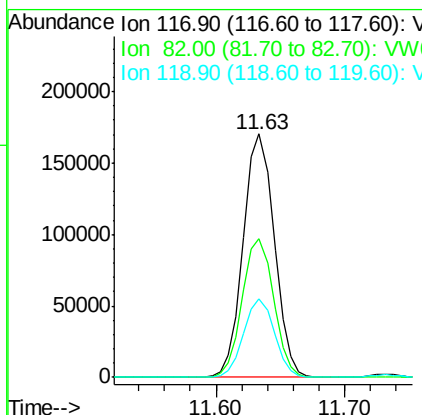
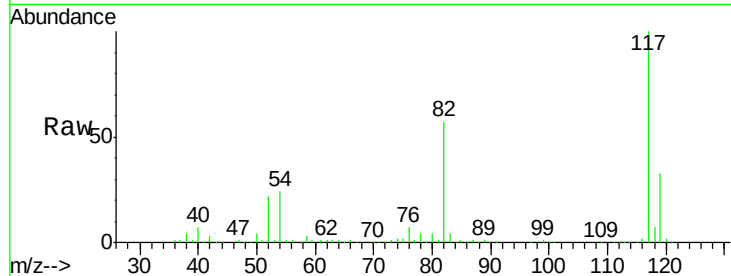
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	32.5	25.0	37.6

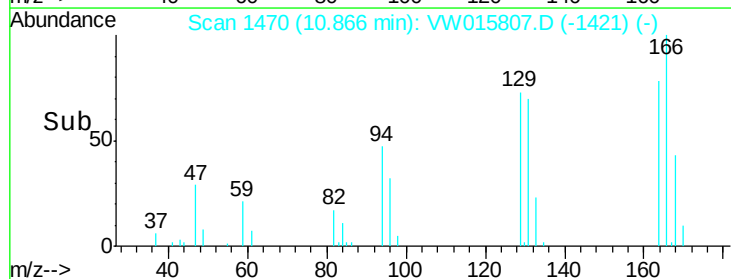
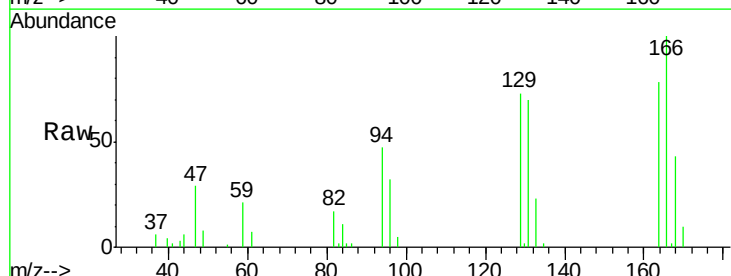
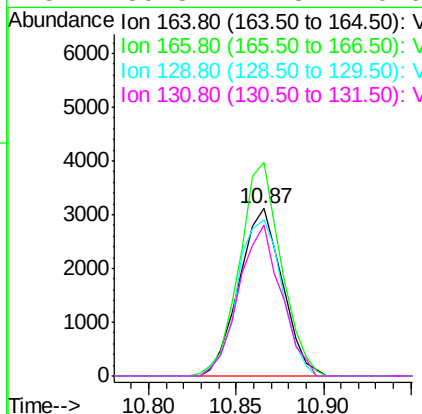
Manual Integrations
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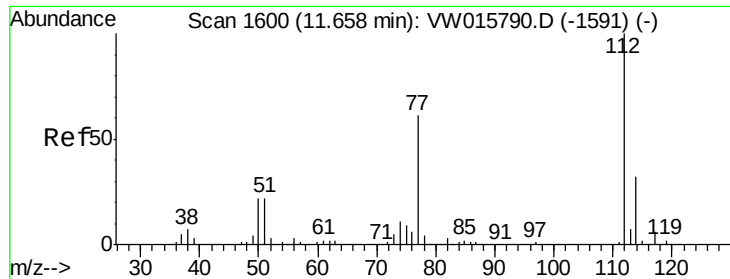
MMDadoda
7/9/2020 10:47:34 AM



#64
Tetrachloroethene
Concen: 2.963 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	105.1	157.7
129	92.8	80.6	121.0
131	89.8	77.8	116.6





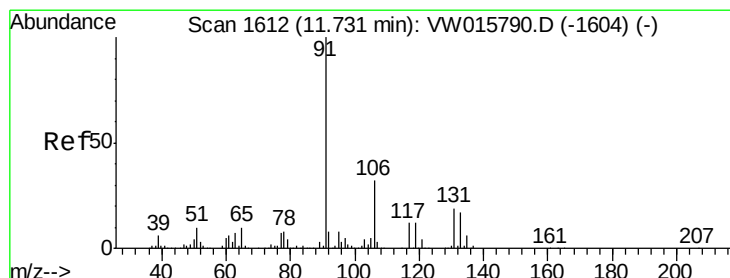
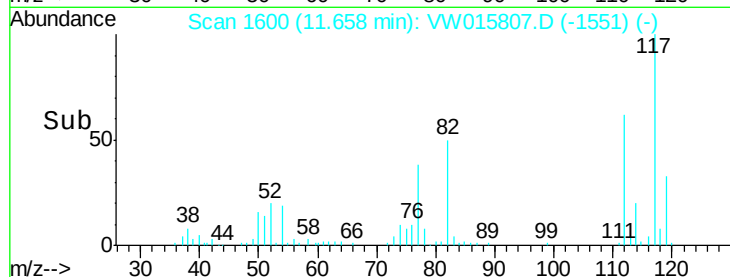
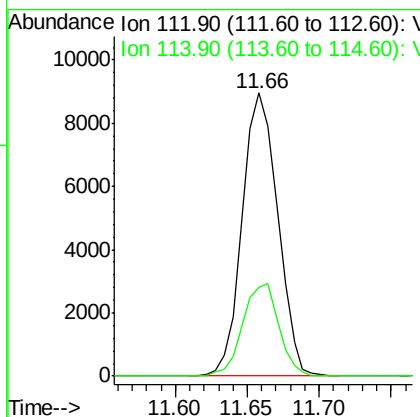
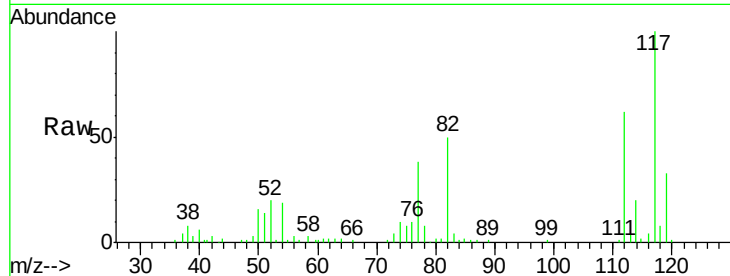
#65
Chlorobenzene
Concen: 2.748 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion:112 Resp: 15339
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9

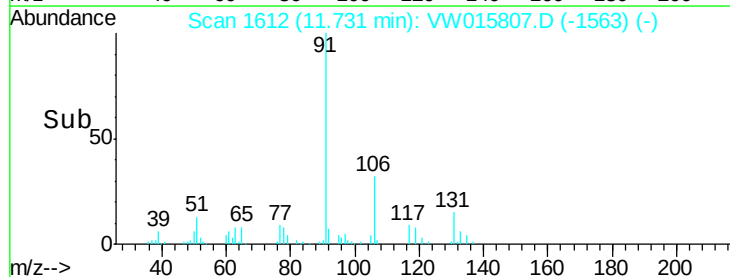
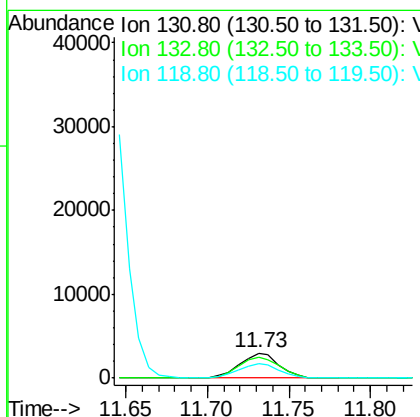
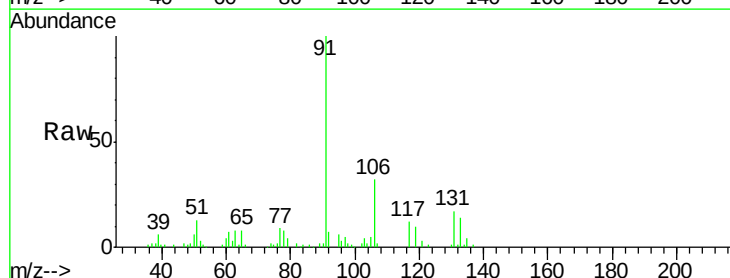
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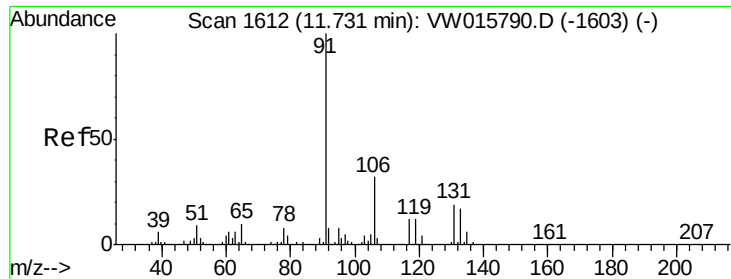
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.521 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:131 Resp: 4981
Ion Ratio Lower Upper
131 100
133 89.0 47.0 141.2
119 62.5 32.3 96.8





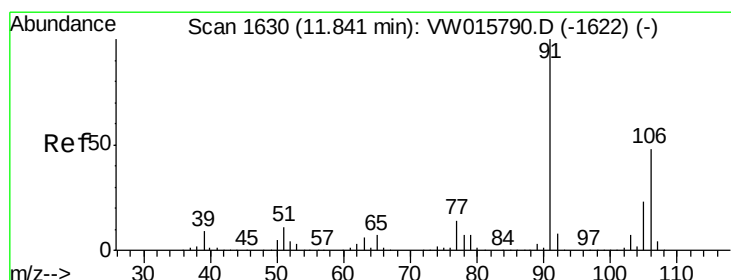
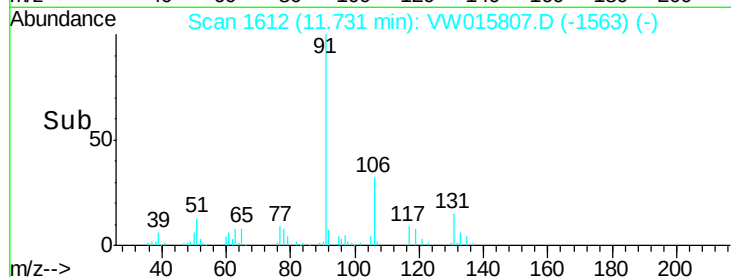
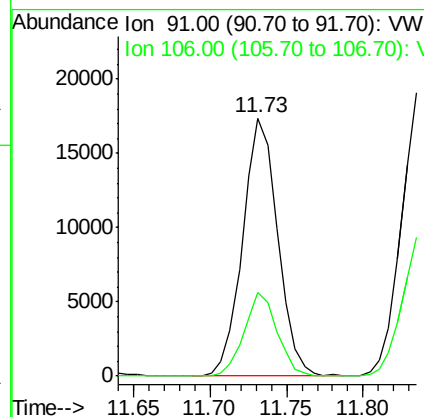
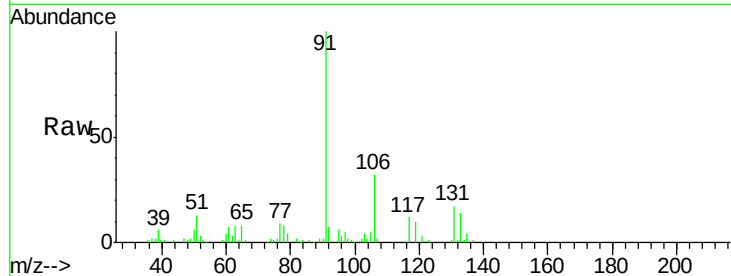
#67
Ethyl Benzene
Concen: 2.672 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion: 91 Resp: 27617
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

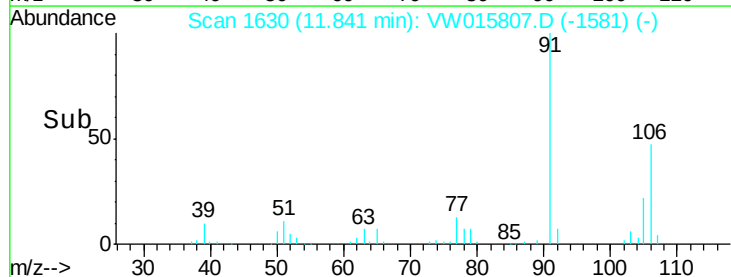
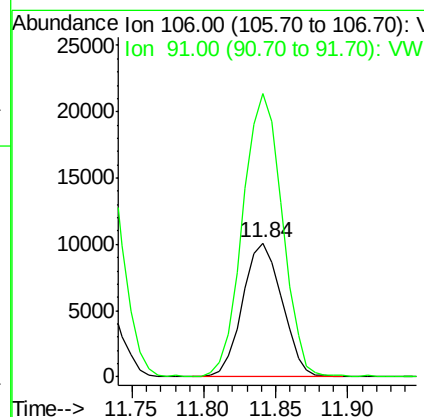
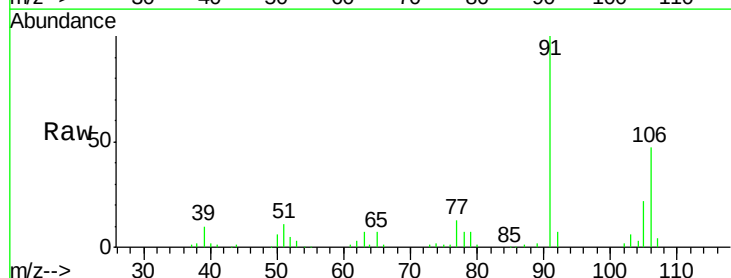
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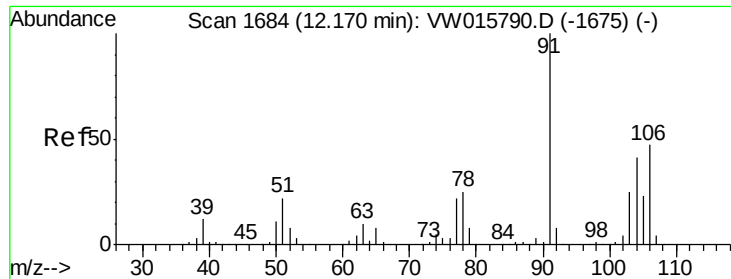
MMDadoda
7/9/2020 10:47:34 AM



#68
m/p-Xylenes
Concen: 4.927 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion: 106 Resp: 19133
Ion Ratio Lower Upper
106 100
91 212.6 164.1 246.1





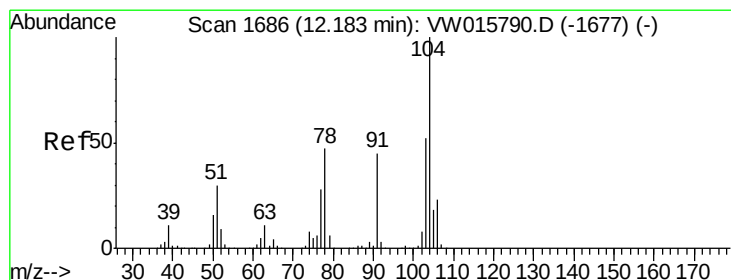
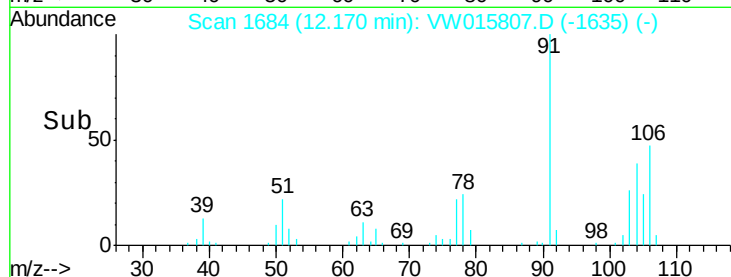
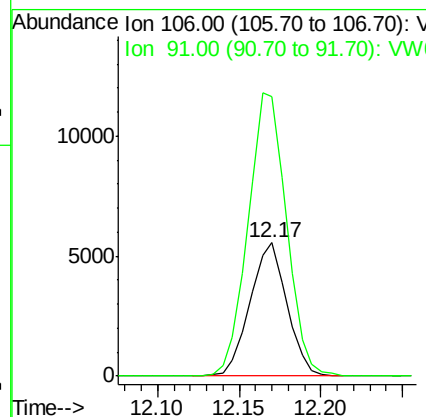
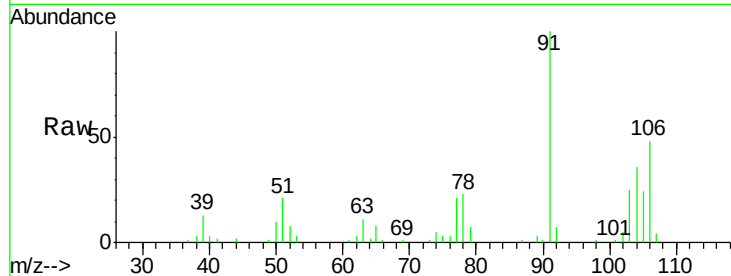
#69
o-Xylene
Concen: 2.470 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion:106 Resp: 8754
Ion Ratio Lower Upper
106 100
91 220.9 108.5 325.3

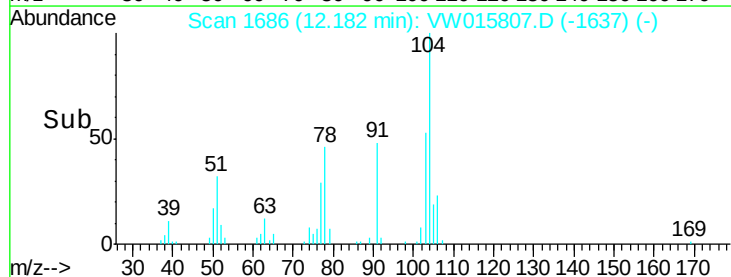
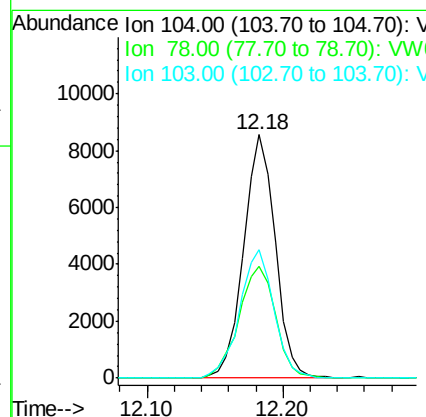
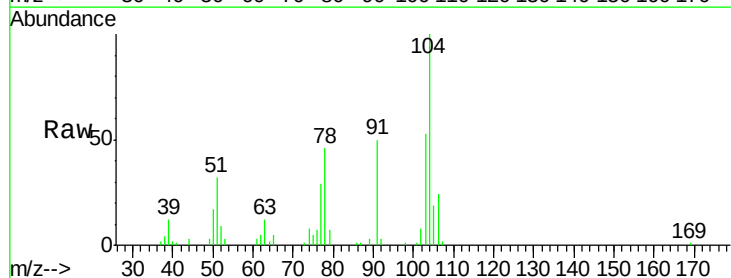
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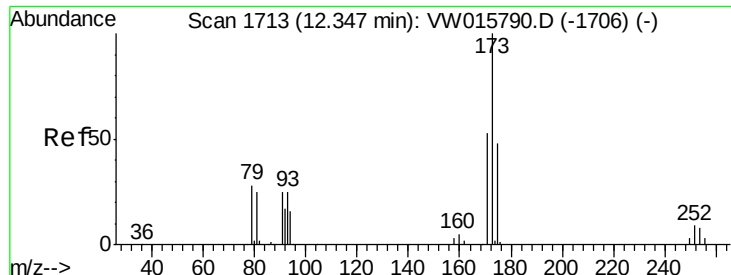
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#70
Styrene
Concen: 2.285 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion:104 Resp: 13939
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 56.8 43.8 65.8





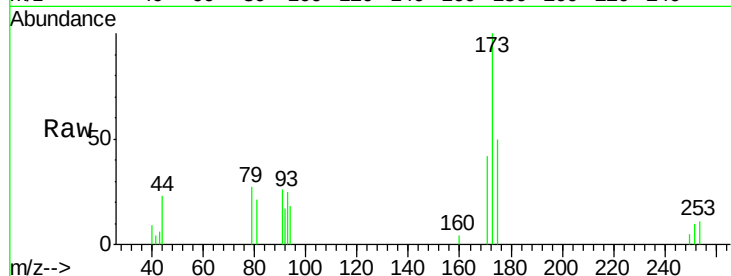
#71
Bromoform
Concen: 2.269 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

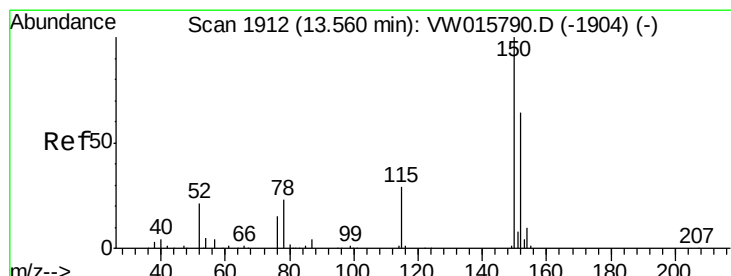
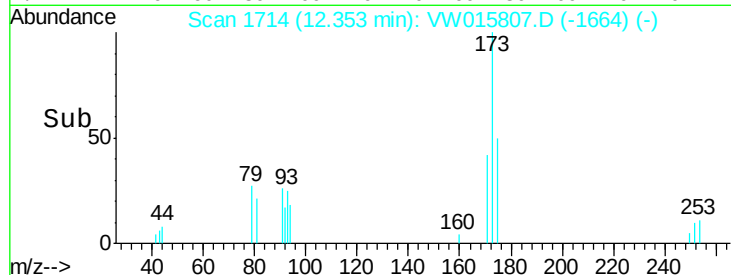
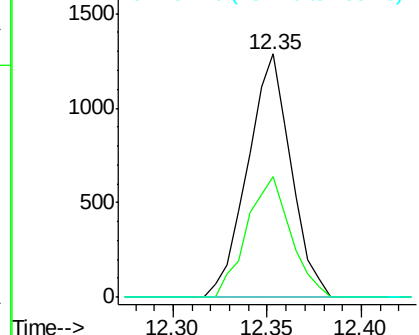
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	23.5	70.5
254	0.0	0.0	0.0

Manual Integrations
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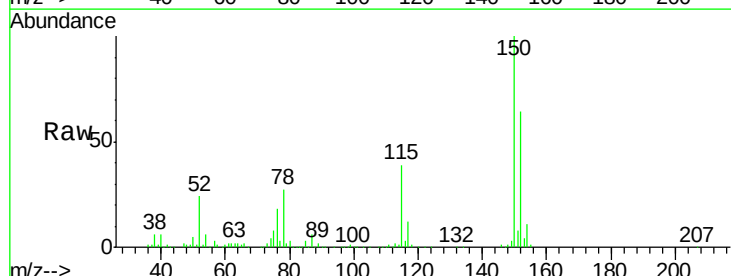


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

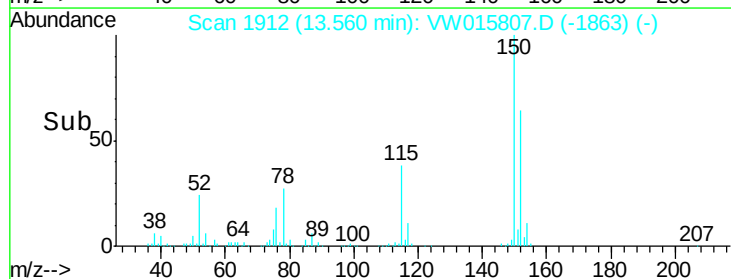
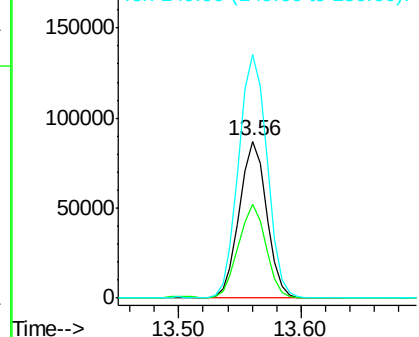


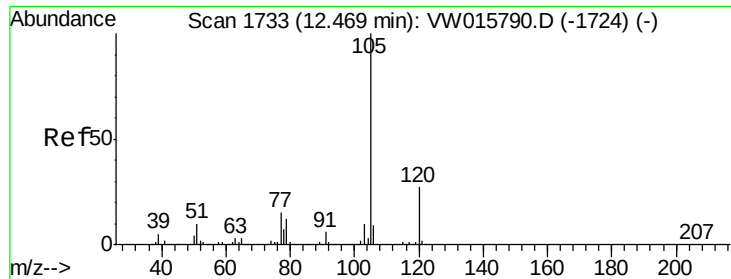
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.9	89.7
150	161.7	0.0	350.8



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





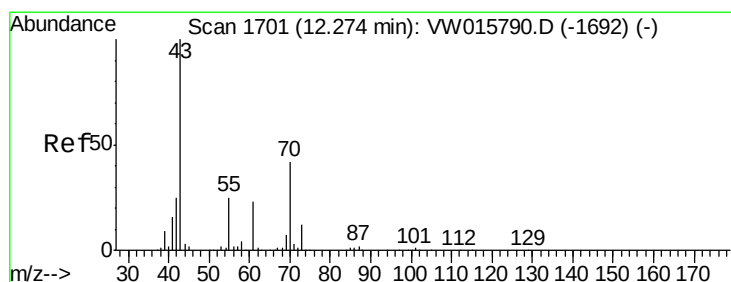
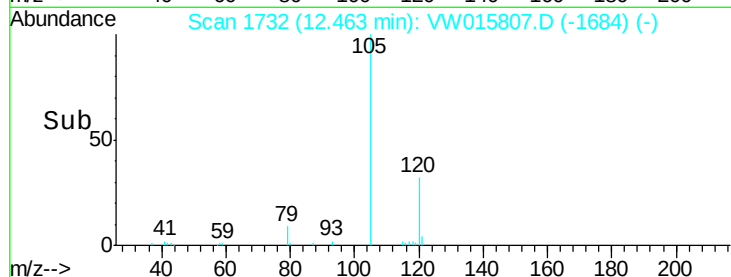
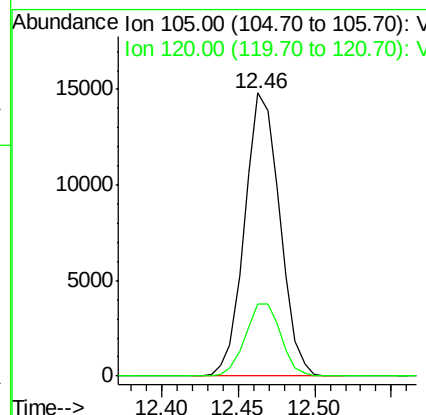
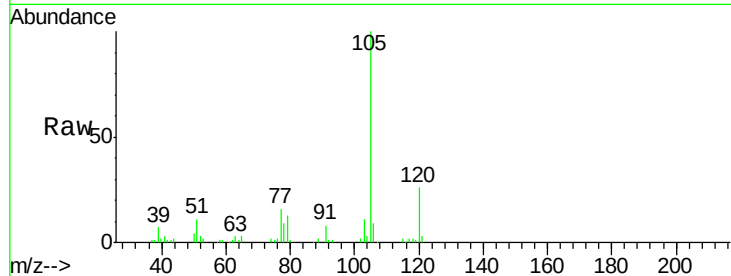
#73
Isopropylbenzene
Concen: 2.493 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.2	39.6

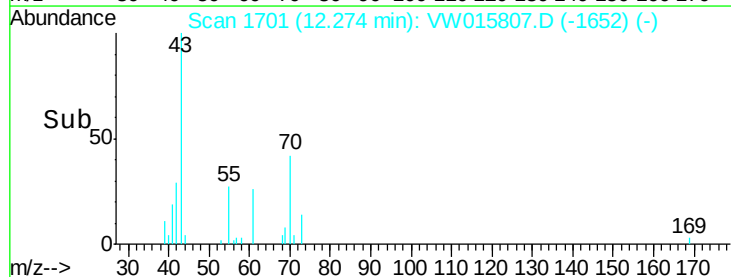
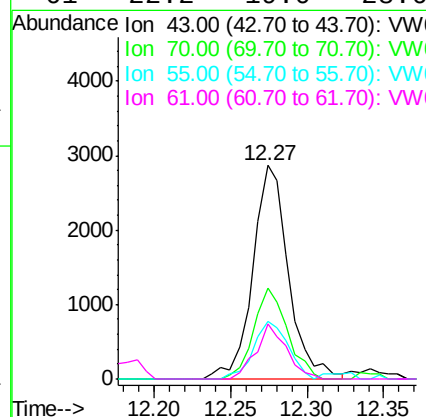
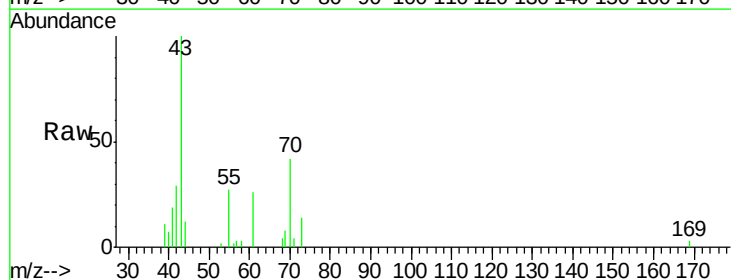
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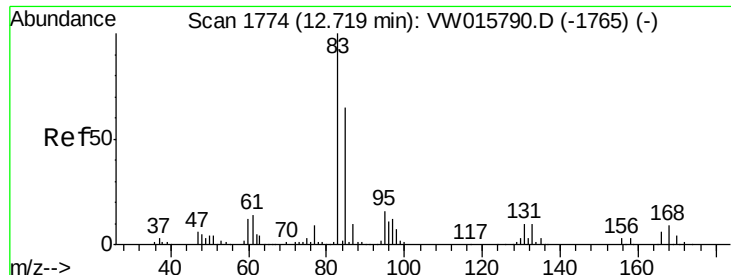
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#74
N-ethyl acetate
Concen: 2.293 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.2	34.1	51.1
55	25.9	20.0	30.0
61	22.2	19.0	28.6





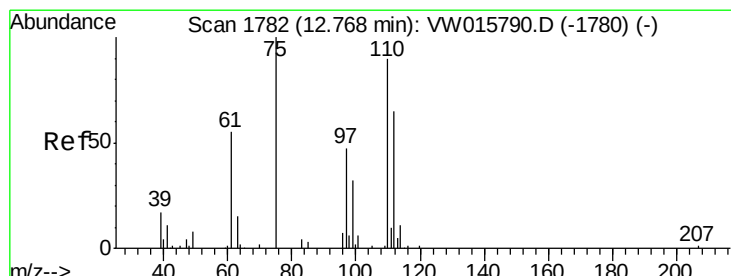
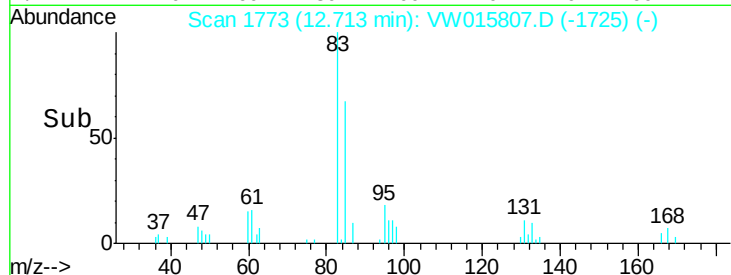
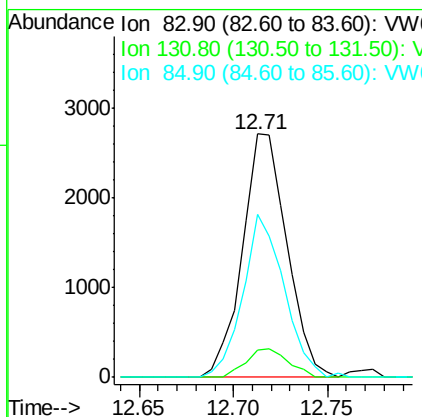
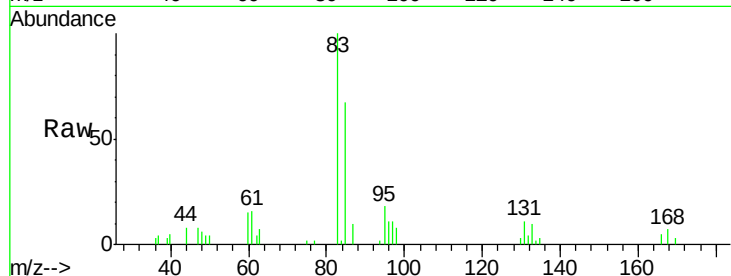
#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.819 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8-S1

Tot Ion	83	Resp	4448
Ion Ratio	100	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	62.1	31.9	95.9

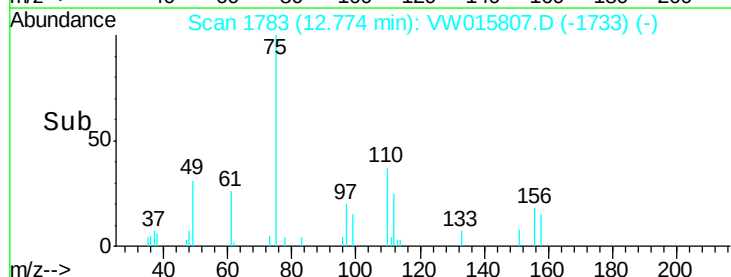
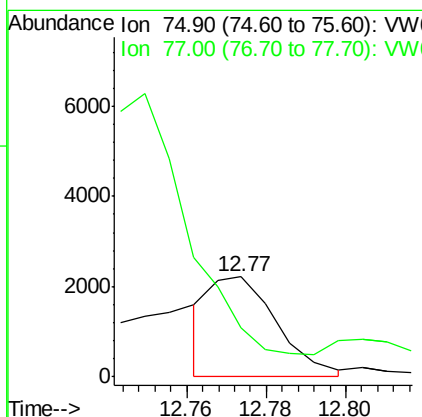
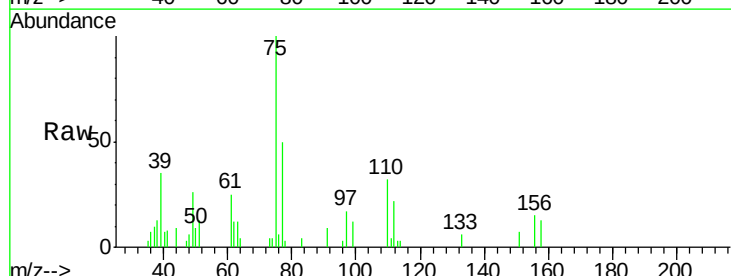
Manual Integrations
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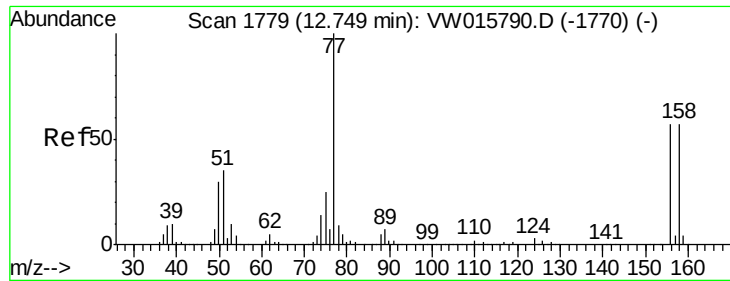
MMDadoda
 7/9/2020 10:47:34 AM



#76
 1,2,3-Trichloropropane
 Concen: 2.223 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	75	Resp	2633
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	177.3	532.0#





#77

Bromobenzene

Concen: 2.904 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

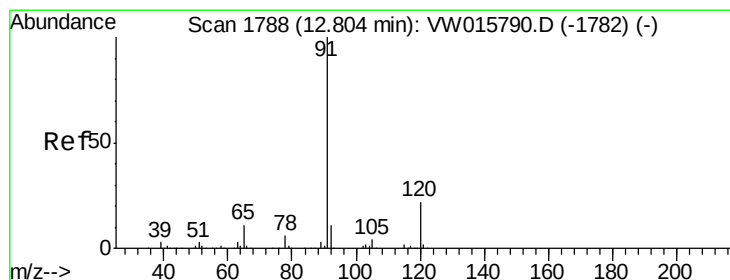
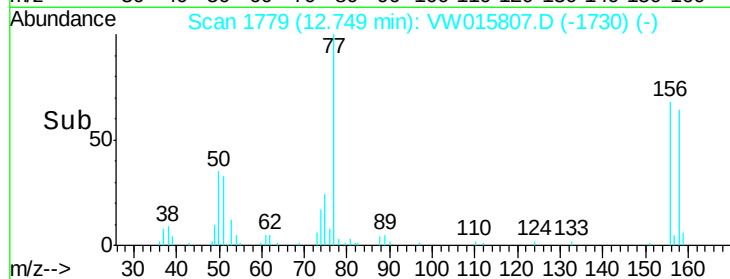
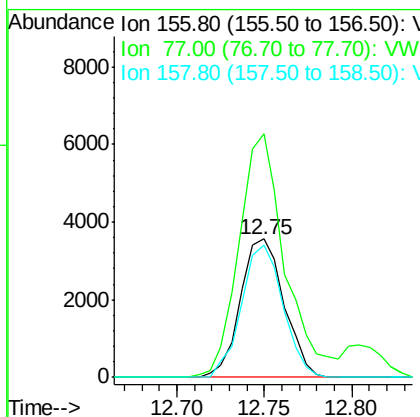
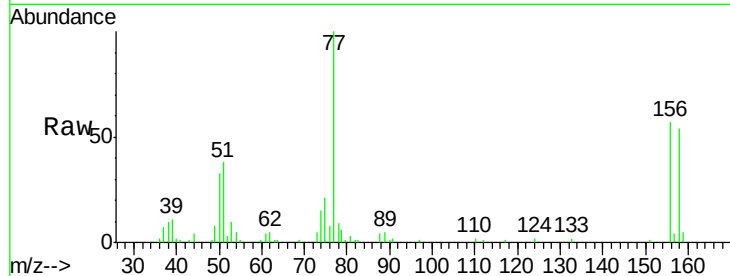
ClientSampleId :

TP-8-S1

Tot Ion:	156	Resp:	6182
Ion	Ratio	Lower	Upper
156	100		
77	187.0	98.8	296.4
158	90.9	50.0	149.8

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#78

n-propylbenzene

Concen: 2.754 ug/l

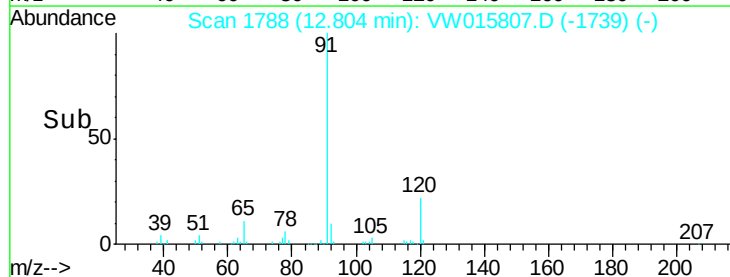
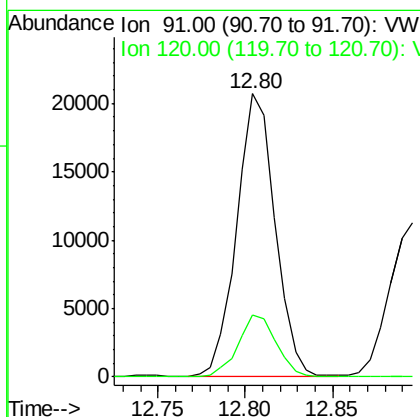
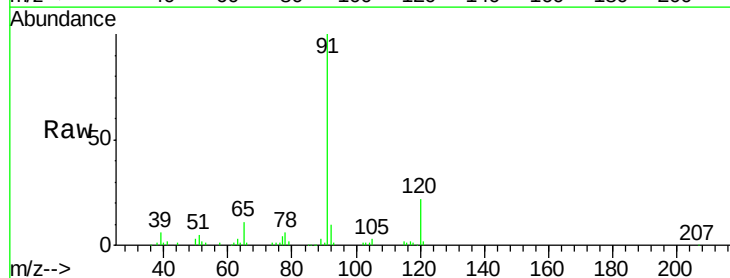
RT: 12.80 min Scan# 1788

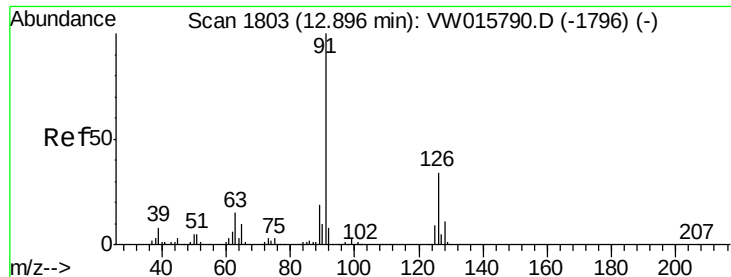
Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:	91	Resp:	31741
Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.6





#79

2-Chlorotoluene

Concen: 2.732 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampled :

TP-8-S1

Tot Ion: 91 Resp: 17955

Ion Ratio Lower Upper

91 100

126 33.1

16.5

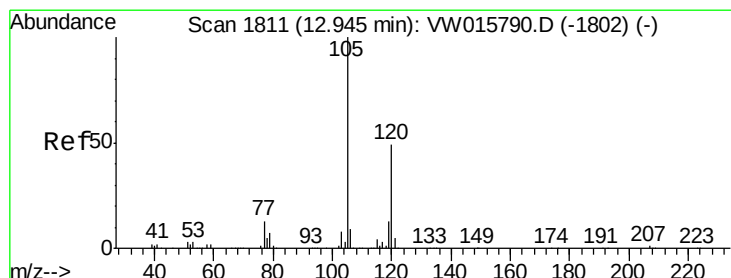
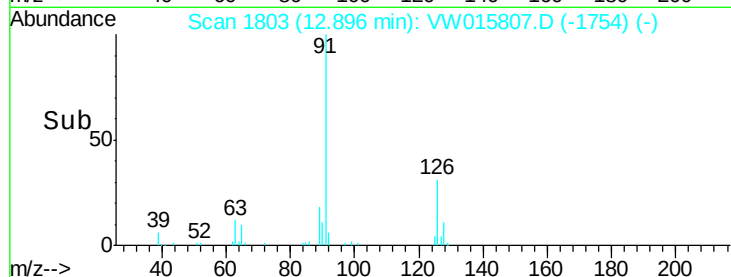
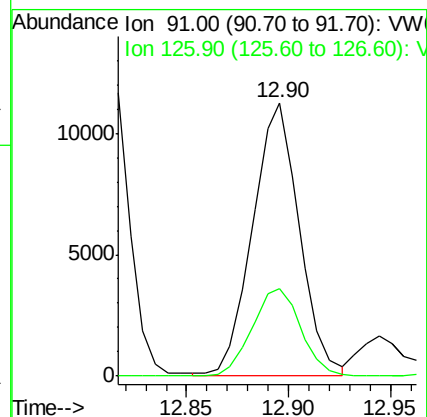
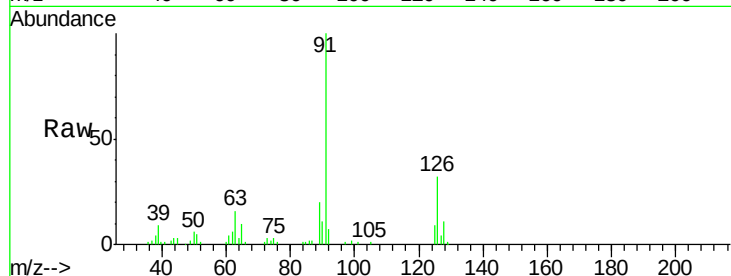
49.5

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#80

1,3,5-Trimethylbenzene

Concen: 2.586 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:105 Resp: 20924

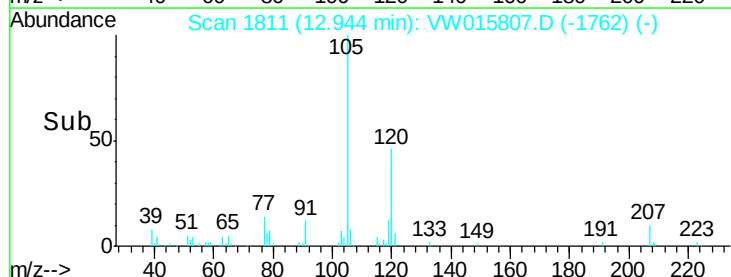
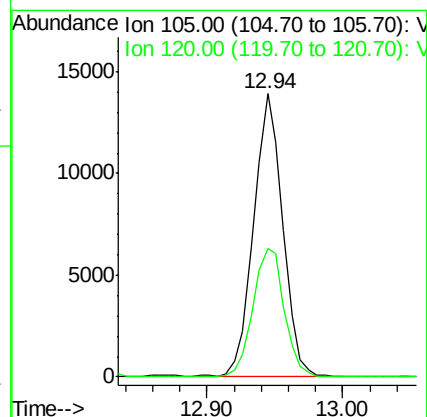
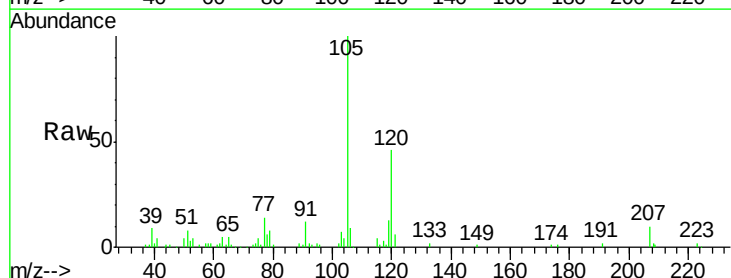
Ion Ratio Lower Upper

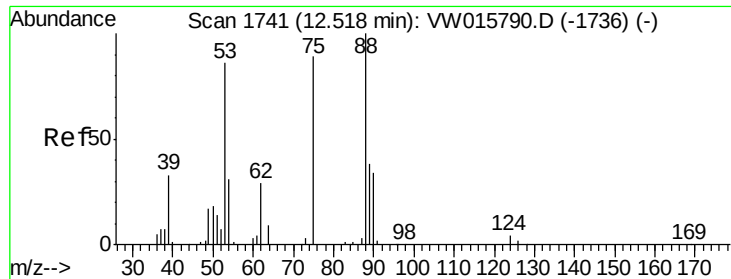
105 100

120 48.6

25.1

75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 2.119 ug/l m

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

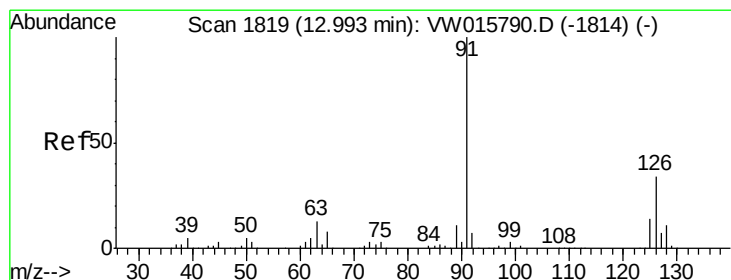
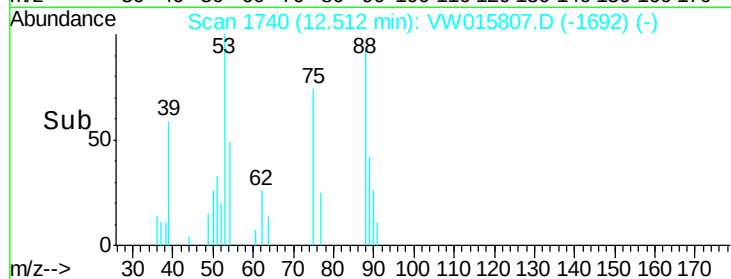
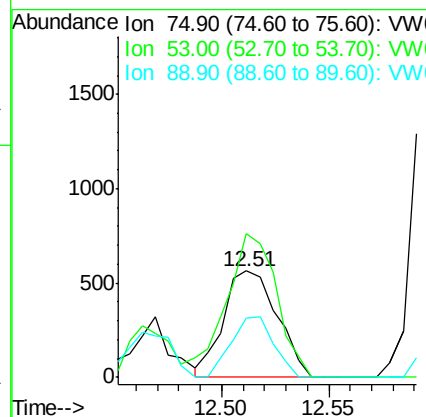
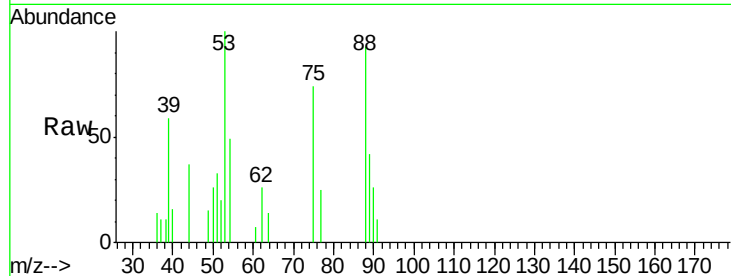
ClientSampleId :

TP-8-S1

Tot Ion:	75	Resp:	982
Ion Ratio	Lower	Upper	
75	100		
53	0.0	85.9	128.9#
89	40.7	36.2	54.4

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#82

4-Chlorotoluene

Concen: 2.779 ug/l

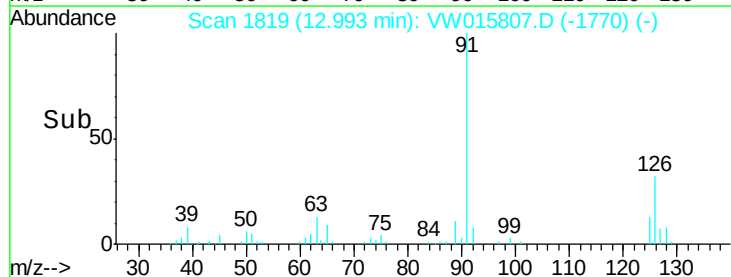
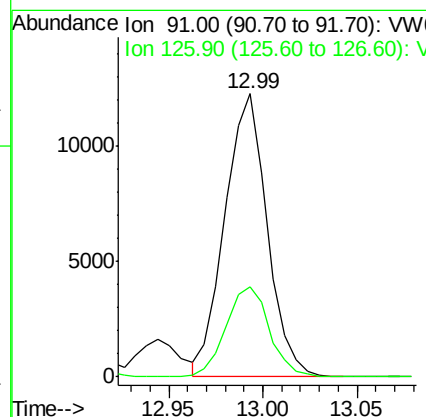
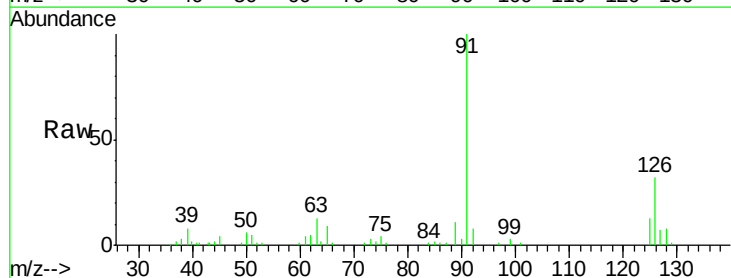
RT: 12.99 min Scan# 1819

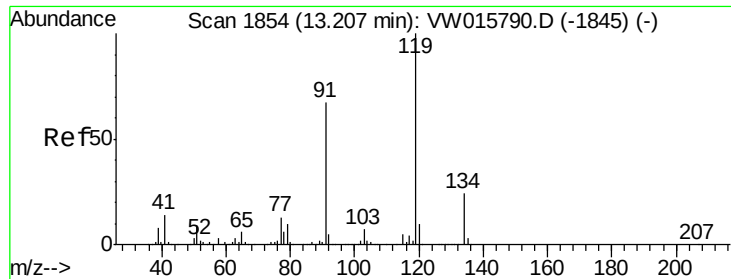
Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Tgt Ion:	91	Resp:	19076
Ion Ratio	Lower	Upper	
91	100		
126	32.6	16.3	48.9





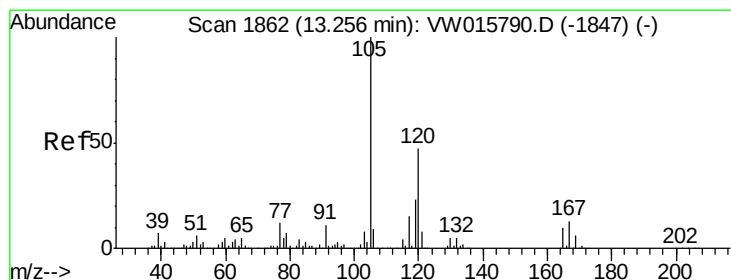
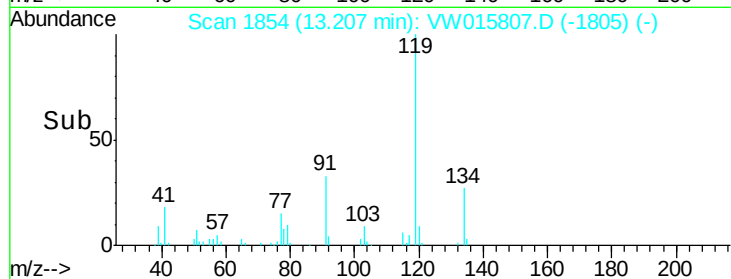
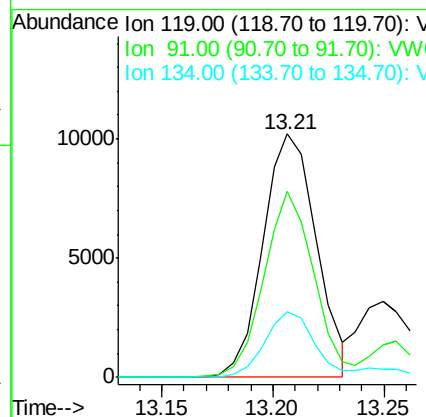
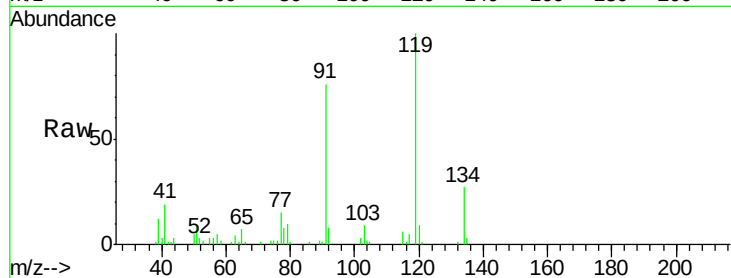
#83
tert-Butylbenzene
Concen: 2.523 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampled :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.8	34.4	103.3
134	25.5	13.6	40.7

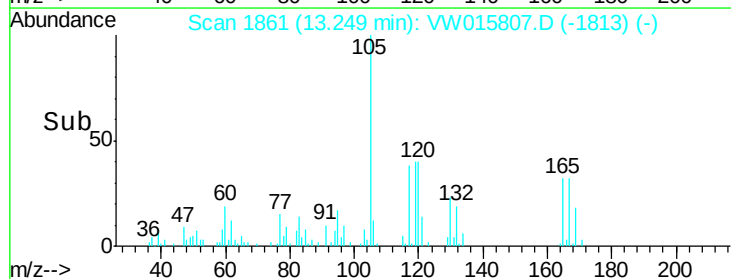
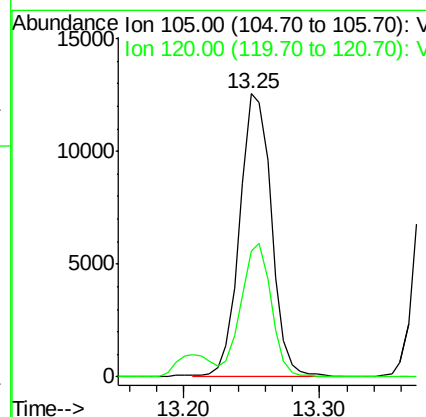
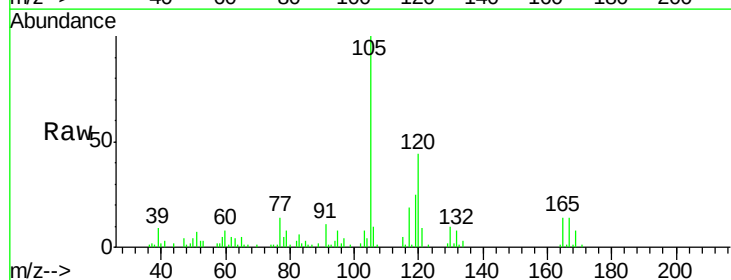
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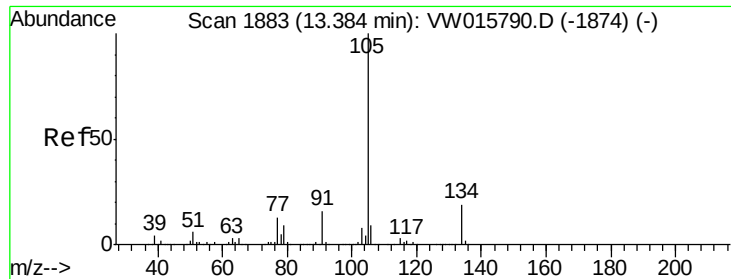
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#84
1,2,4-Trimethylbenzene
Concen: 2.539 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.4





#85

sec-Butylbenzene

Concen: 2.684 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

Instrument :

MSVOA_W

ClientSampleId :

TP-8-S1

Tot Ion:105 Resp: 26042

Ion Ratio Lower Upper

105 100

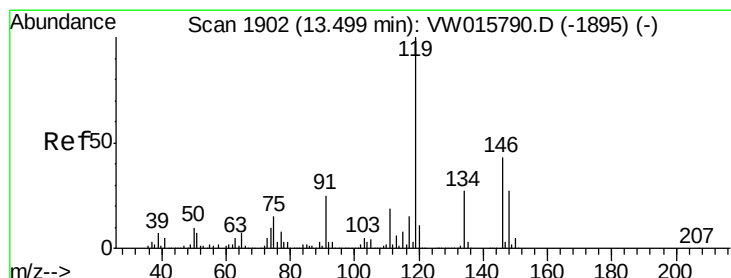
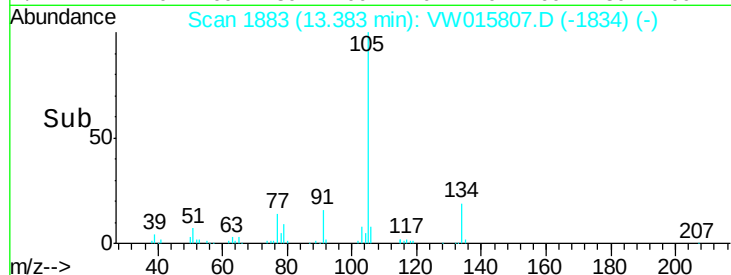
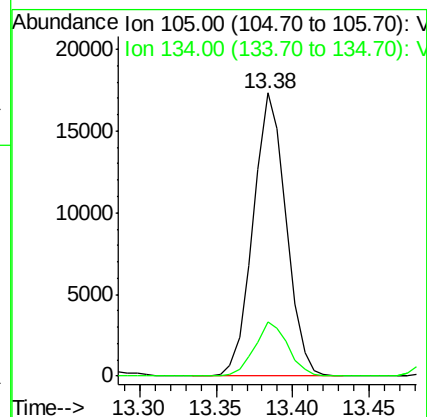
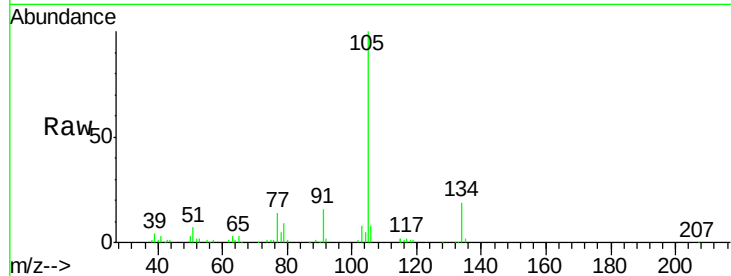
134 19.3 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 2.575 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015807.D

Acq: 08 Jul 2020 14:18

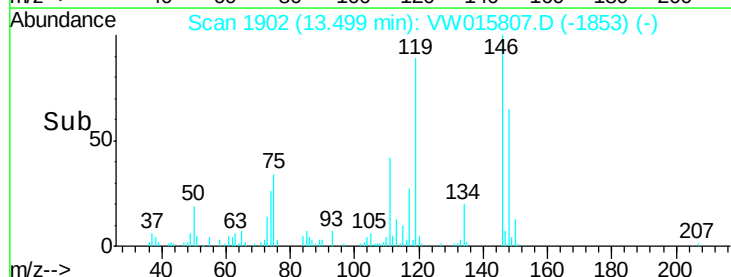
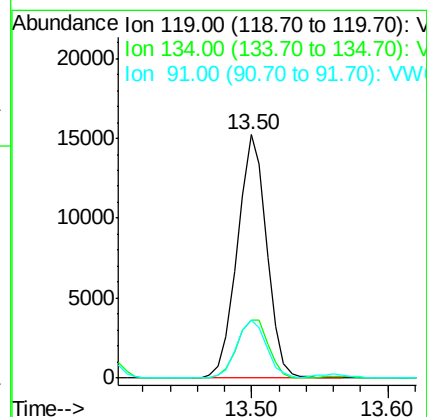
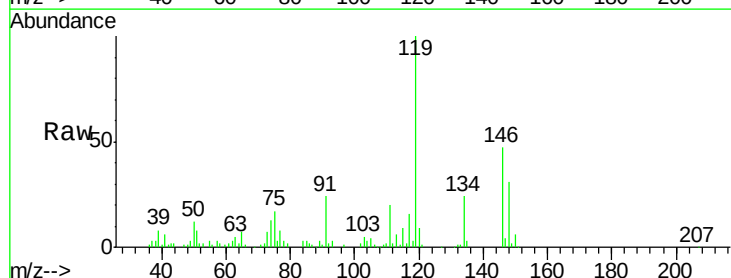
Tgt Ion:119 Resp: 22812

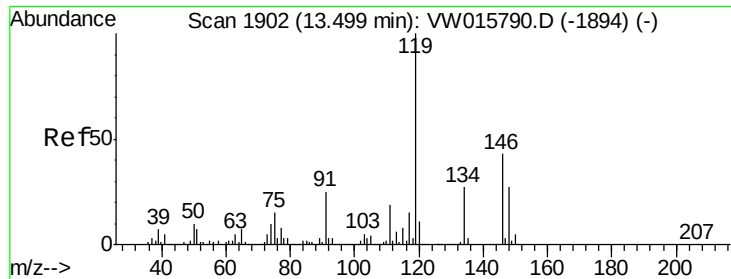
Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.6

91 24.3 12.2 36.6





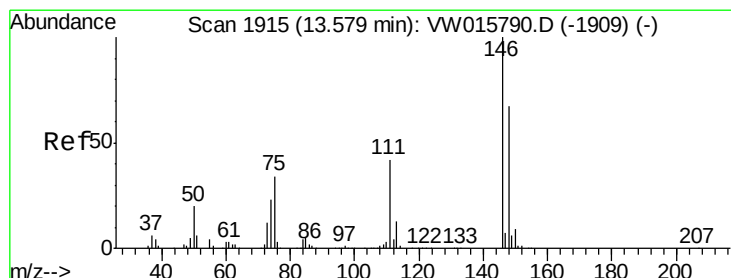
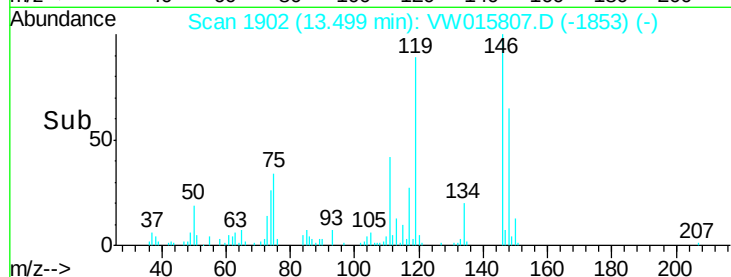
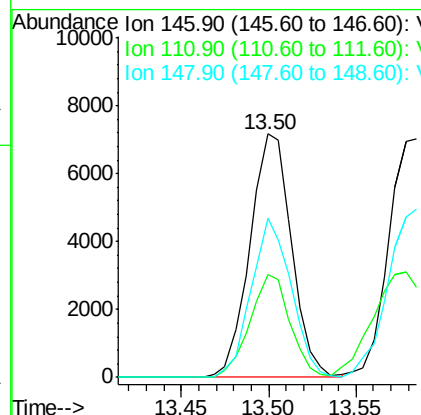
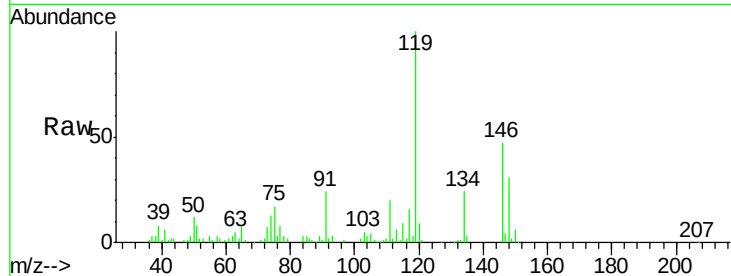
#87
 1,3-Dichlorobenzene
 Concen: 2.779 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.4
148	62.5	31.4	94.2

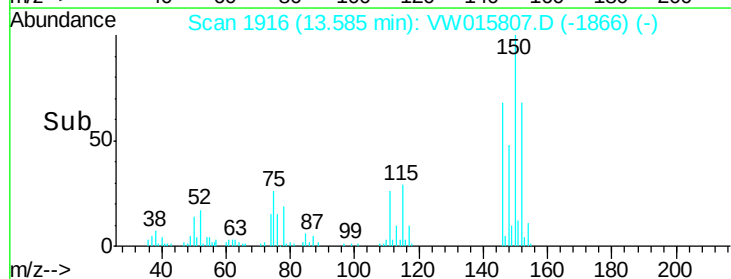
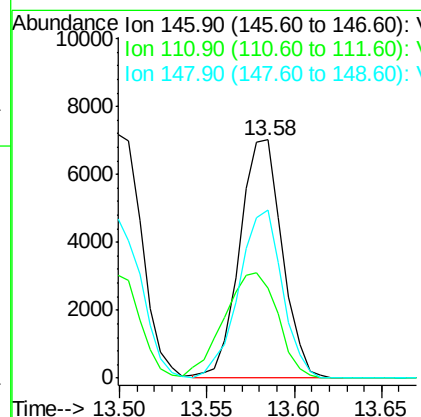
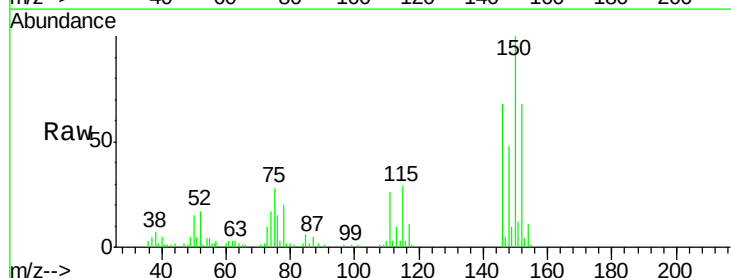
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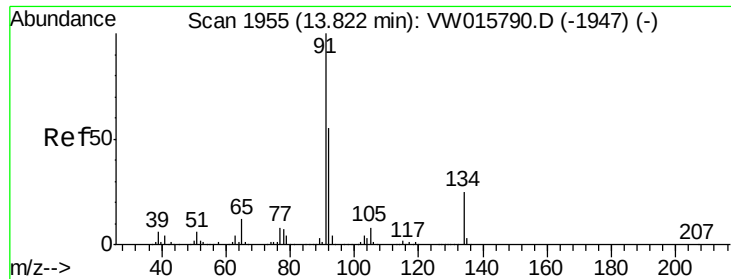
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#88
 1,4-Dichlorobenzene
 Concen: 2.841 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	55.9	20.2	60.6
148	72.3	31.8	95.4





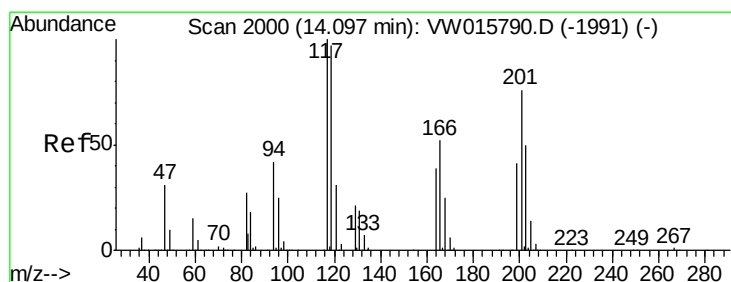
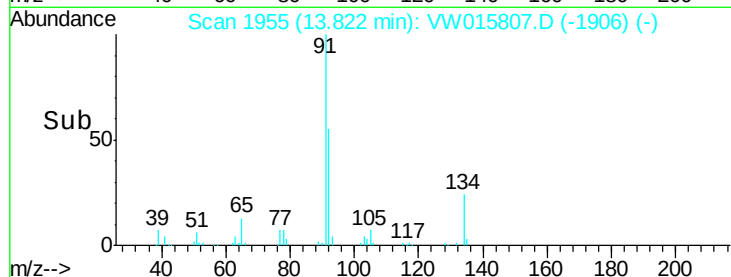
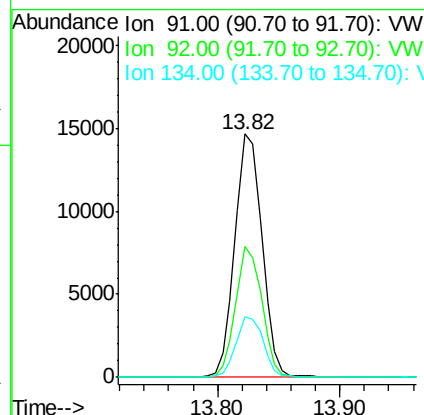
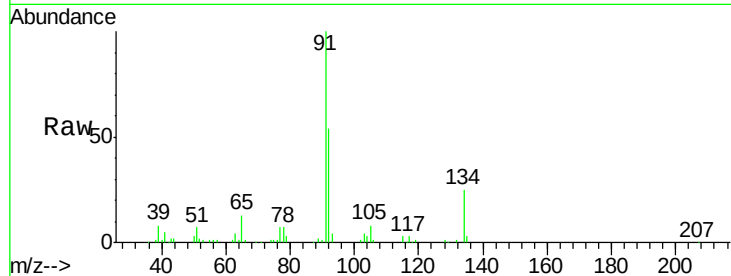
#89
n-Butylbenzene
Concen: 2.664 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	27.2	81.6
134	24.9	12.7	38.1

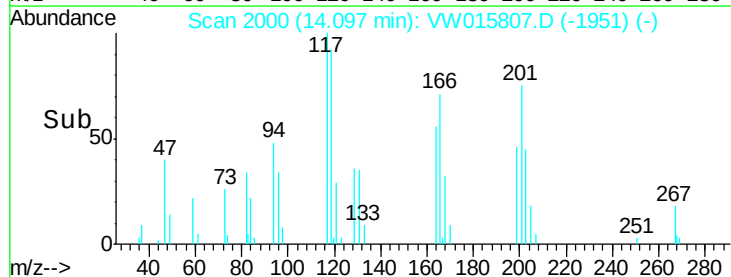
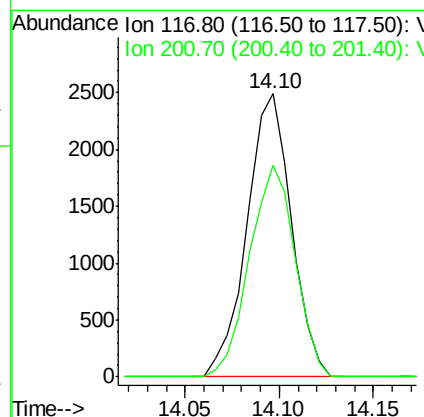
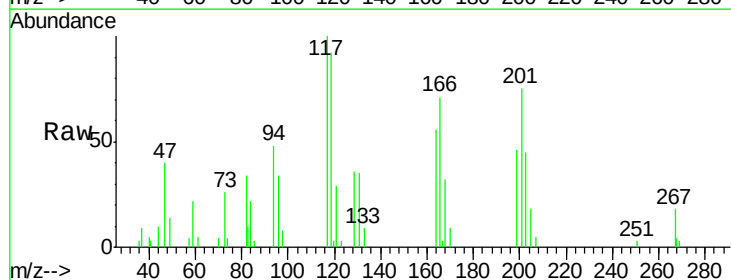
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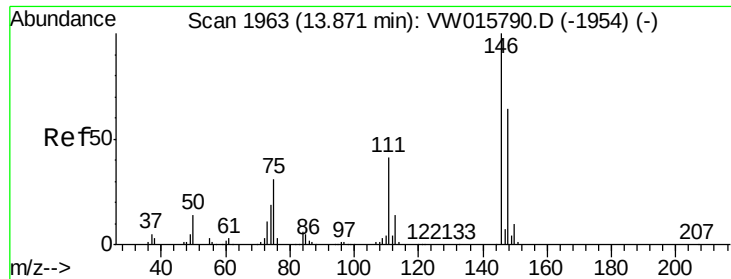
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#90
Hexachloroethane
Concen: 2.533 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.5	37.1	111.3





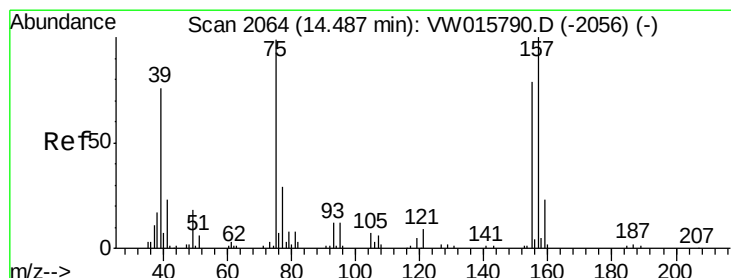
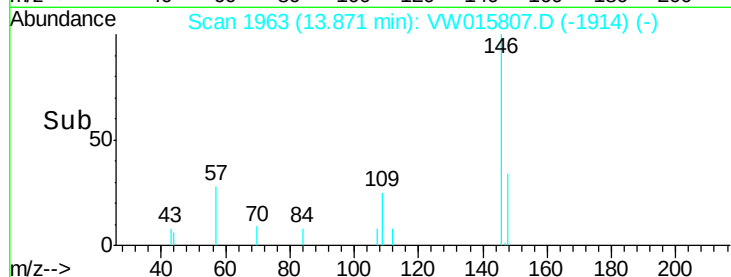
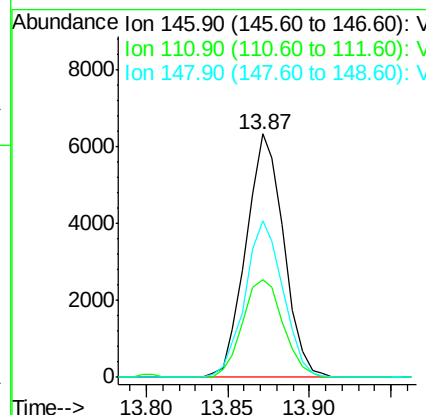
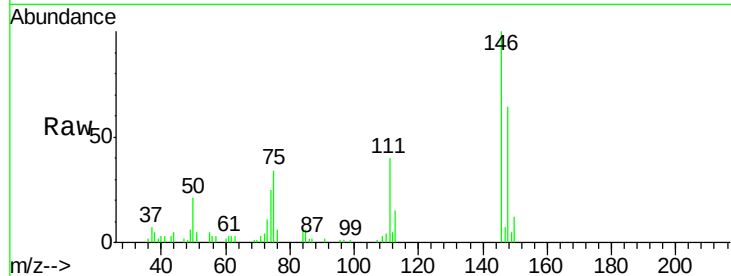
#91
 1,2-Dichlorobenzene
 Concen: 2.756 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.6	61.9
148	65.0	31.8	95.4

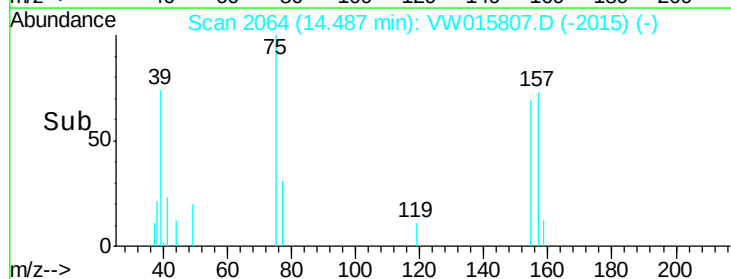
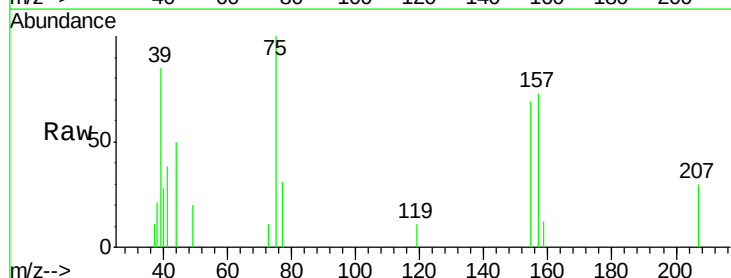
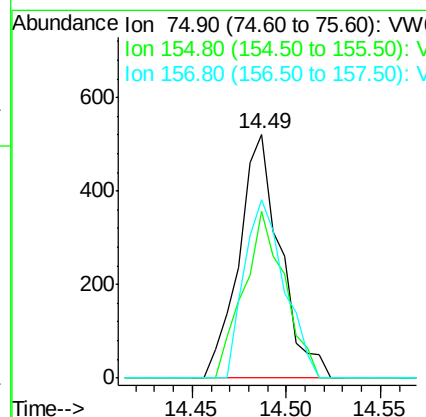
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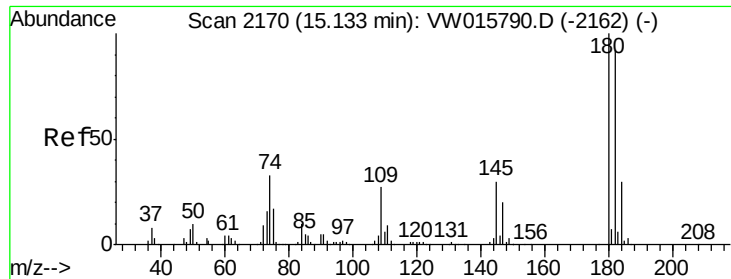
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.146 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.8	39.1	117.5
157	71.0	49.1	147.4





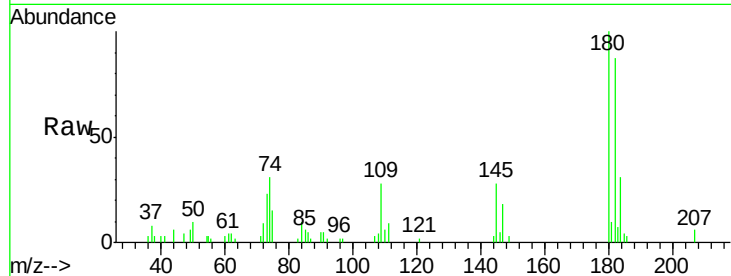
#93
 1,2,4-Trichlorobenzene
 Concen: 2.823 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8-S1

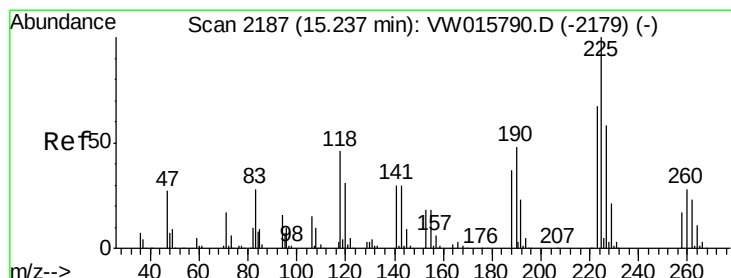
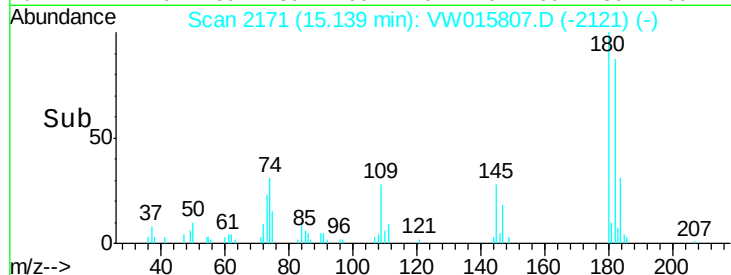
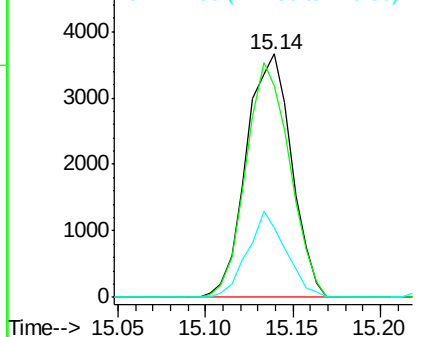
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.8	140.3
145	29.7	15.4	46.4

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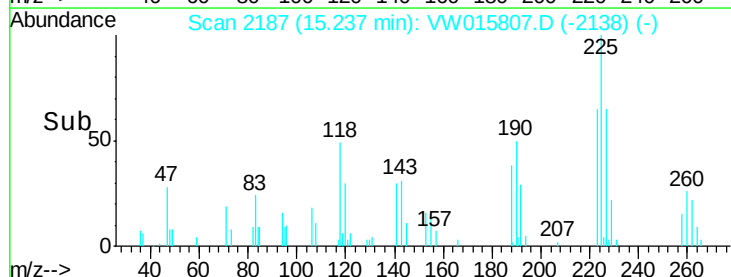
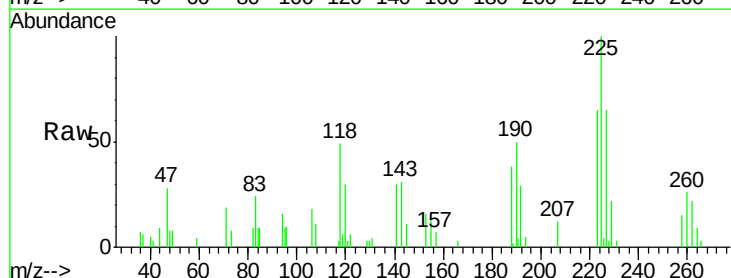
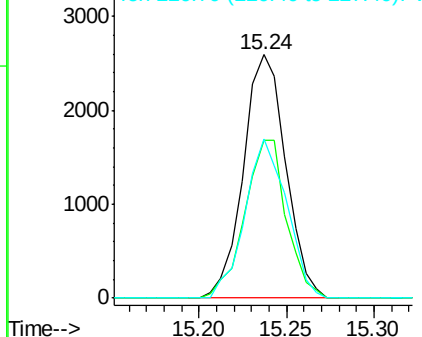
Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

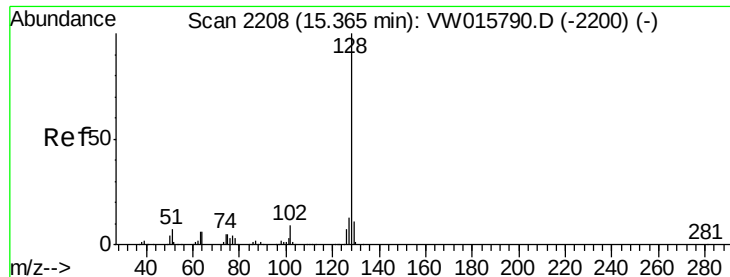


#94
 Hexachlorobutadiene
 Concen: 2.952 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015807.D
 Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	32.4	97.2
227	64.4	30.7	92.1

Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





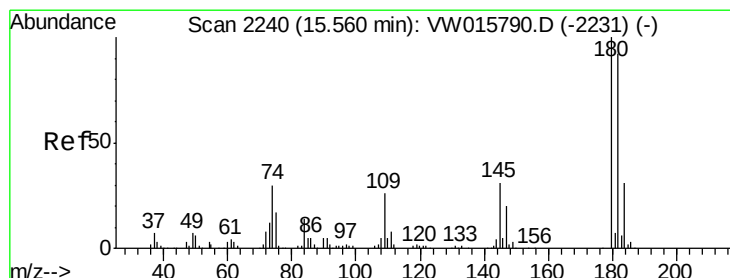
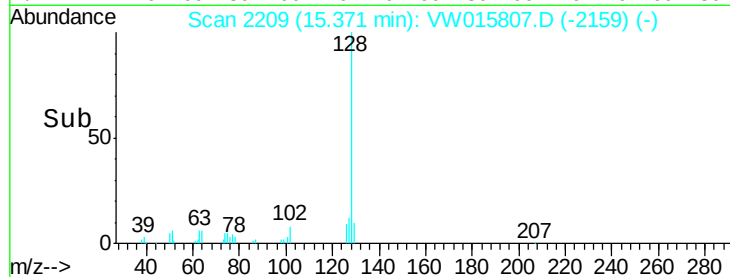
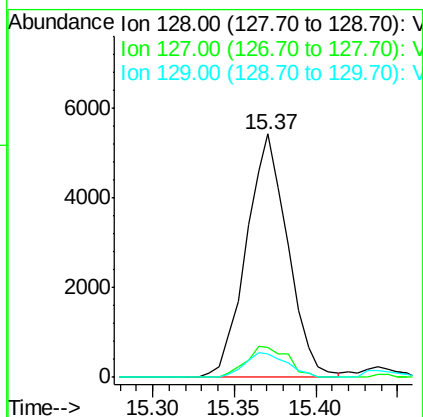
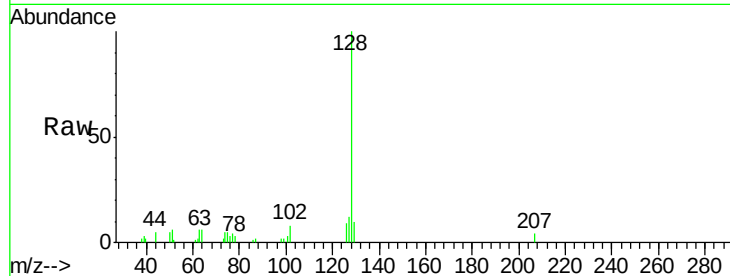
#95
Naphthalene
Concen: 2.463 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Instrument :
MSVOA_W
ClientSampleId :
TP-8-S1

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	10.4	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:47:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 2.968 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW015807.D
Acq: 08 Jul 2020 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	30.4	16.7	50.0

