

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015408.D
 Acq On : 06 May 2020 11:59
 Operator : SY/VA
 Sample : VW0506SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:34:51 AM

Quant Time: May 07 03:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169930	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	127493	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	109526	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.32	98	455506	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	168681	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	26222	19.751	ug/l	97
3) Chloromethane	2.21	50	30440	18.315	ug/l	98
4) Vinyl Chloride	2.37	62	50196	19.942	ug/l	96
5) Bromomethane	2.78	94	37560	19.047	ug/l	94
6) Chloroethane	2.92	64	33626	19.386	ug/l	99
7) Trichlorofluoromethane	3.26	101	35150	19.039	ug/l	99
8) Diethyl Ether	3.67	74	22949	19.891	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43745	20.439	ug/l	100
10) Methyl Iodide	4.26	142	65821	20.324	ug/l	100
11) Tert butyl alcohol	5.17	59	17419	119.668	ug/l	99
12) 1,1-Dichloroethene	4.03	96	44130	19.883	ug/l	98
13) Acrolein	3.89	56	19450	104.636	ug/l	97
14) Allyl chloride	4.67	41	78577	20.206	ug/l	100
15) Acrylonitrile	5.37	53	49381	105.166	ug/l	100
16) Acetone	4.12	43	41707	106.358	ug/l	100
17) Carbon Disulfide	4.38	76	138011	20.280	ug/l	100
18) Methyl Acetate	4.67	43	21617	20.766	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	75621	21.206	ug/l	99
20) Methylene Chloride	4.91	84	48654	19.016	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	50738	20.139	ug/l	99
22) Diisopropyl ether	6.31	45	154174	20.288	ug/l	98
23) Vinyl Acetate	6.26	43	465559	100.783	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91630	20.113	ug/l	99
25) 2-Butanone	7.17	43	64518	105.556	ug/l	98
26) 2,2-Dichloropropane	7.16	77	61137	20.248	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	55947	20.450	ug/l	99
28) Bromochloromethane	7.51	49	38034	20.763	ug/l	99
29) Tetrahydrofuran	7.53	42	41947	104.281	ug/l	100
30) Chloroform	7.68	83	90658	20.029	ug/l	99
31) Cyclohexane	7.95	56	92023	19.894	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	77825	20.457	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75873	20.211	ug/l	100
37) Ethyl Acetate	7.25	43	30514	20.949	ug/l	99
38) Carbon Tetrachloride	8.07	117	71632	20.411	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97281	20.472	ug/l	99
40) Benzene	8.32	78	206574	20.176	ug/l	99
41) Methacrylonitrile	7.48	41	18871	20.504	ug/l	97
42) 1,2-Dichloroethane	8.40	62	63457	20.349	ug/l	100
43) Isopropyl Acetate	8.43	43	61566	20.097	ug/l	100
44) Trichloroethene	9.09	130	53064	19.997	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51834	20.494	ug/l	100
46) Dibromomethane	9.46	93	25130	19.977	ug/l	97
47) Bromodichloromethane	9.65	83	69657	20.318	ug/l	95
48) Methyl methacrylate	9.44	41	28751	20.318	ug/l	100
49) 1,4-Dioxane	9.45	88	6798	429.413	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	147556	102.779	ug/l	100
52) Toluene	10.39	92	133369	20.045	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	71099	20.318	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	82534	20.031	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35154	19.762	ug/l	96
56) Ethyl methacrylate	10.65	69	48478	19.835	ug/l	97
57) 1,3-Dichloropropane	10.93	76	64275	20.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	118704	99.829	ug/l	99
59) 2-Hexanone	10.97	43	100130	103.077	ug/l	99
60) Dibromochloromethane	11.13	129	42849	20.028	ug/l	98
61) 1,2-Dibromoethane	11.23	107	34190	20.299	ug/l	99
64) Tetrachloroethene	10.86	164	42720	20.372	ug/l	95
65) Chlorobenzene	11.66	112	136922	20.242	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	47189	19.676	ug/l	100
67) Ethyl Benzene	11.73	91	262635	20.285	ug/l	99
68) m/p-Xylenes	11.84	106	194882	40.484	ug/l	99
69) o-Xylene	12.16	106	91671	20.265	ug/l	98
70) Styrene	12.18	104	157752	20.249	ug/l	99
71) Bromoform	12.35	173	23716	20.277	ug/l #	97
73) Isopropylbenzene	12.46	105	257218	20.275	ug/l	99
74) N-amyl acetate	12.27	43	61184	20.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	40636	20.476	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27123m	19.402	ug/l	
77) Bromobenzene	12.75	156	53611	19.941	ug/l	99
78) n-propylbenzene	12.80	91	307296	20.189	ug/l	100
79) 2-Chlorotoluene	12.89	91	174947	20.390	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	220882	20.670	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14470	20.475	ug/l	98
82) 4-Chlorotoluene	12.99	91	185018	20.348	ug/l	100
83) tert-Butylbenzene	13.21	119	187537	20.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	220334	20.611	ug/l	100
85) sec-Butylbenzene	13.38	105	269116	20.947	ug/l	100
86) p-Isopropyltoluene	13.49	119	241493	20.610	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109055	20.364	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108433	20.445	ug/l	99
89) n-Butylbenzene	13.82	91	236096	20.582	ug/l	100
90) Hexachloroethane	14.09	117	44120	20.433	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	95819	20.664	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7071	20.409	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62887	20.179	ug/l	99
94) Hexachlorobutadiene	15.24	225	37644	20.384	ug/l	96
95) Naphthalene	15.36	128	110306	19.760	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51639	19.284	ug/l	99

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

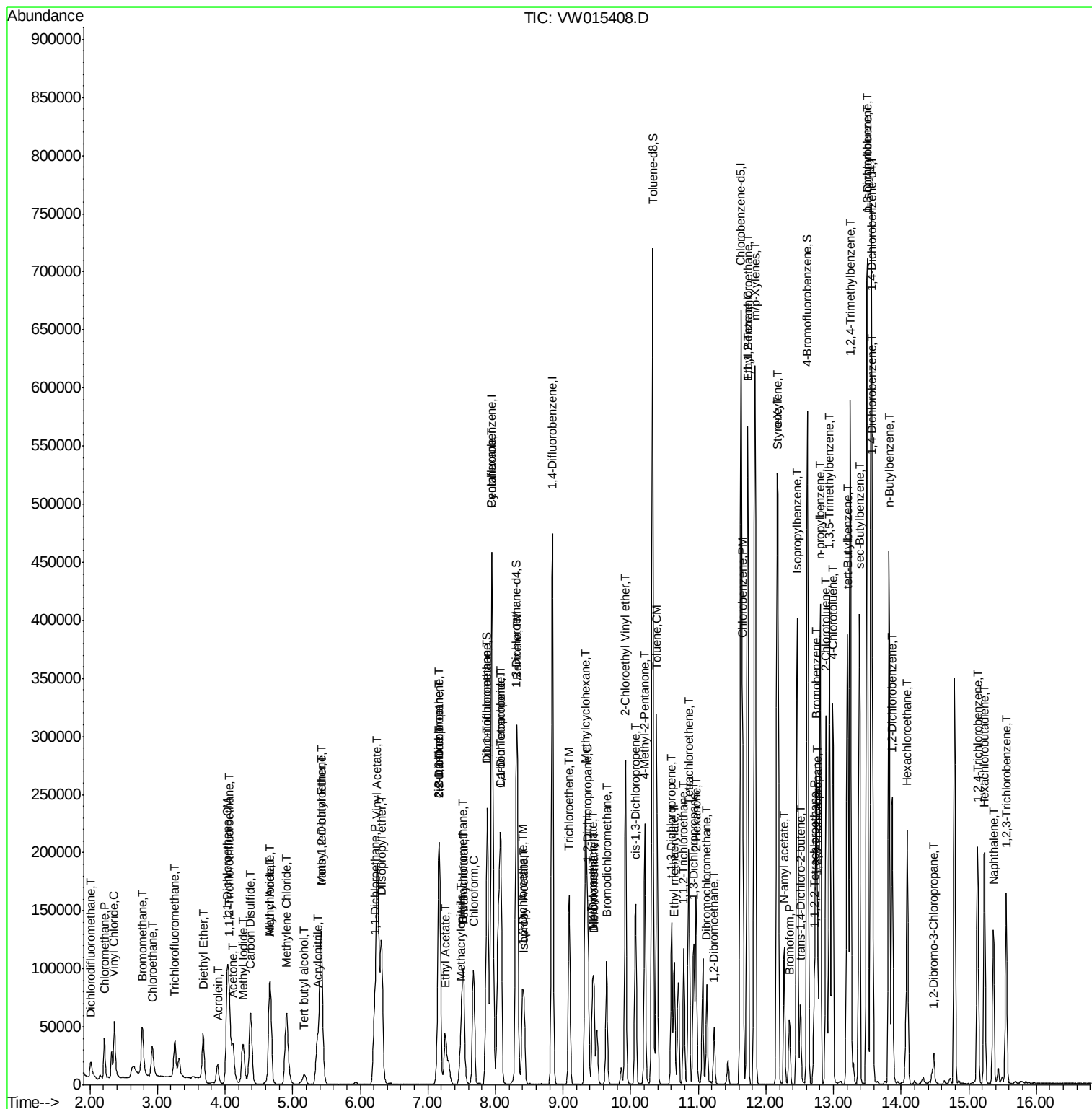
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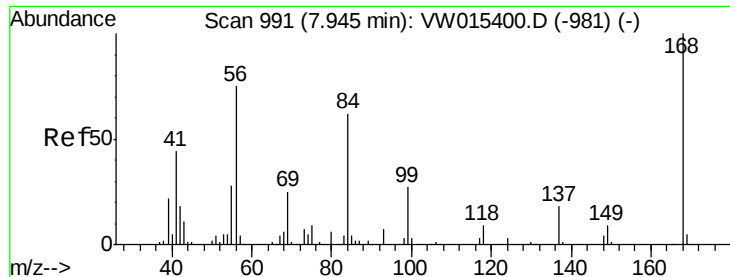
Instrument :
MSVOA_W
ClientSampleId :
VW0506SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion:168 Resp: 229631

Ion Ratio Lower Upper

168 100

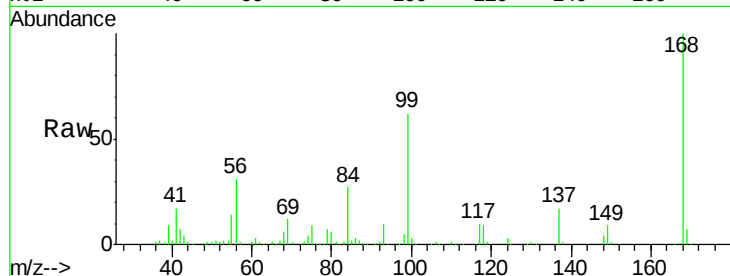
99 61.6 50.3 75.5

Manual Integrations

APPROVED

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5/7/2020 10:34:51 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

40000

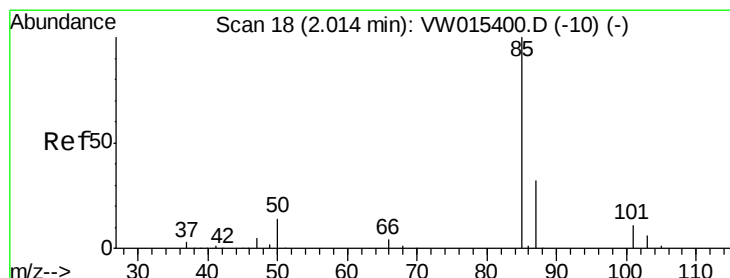
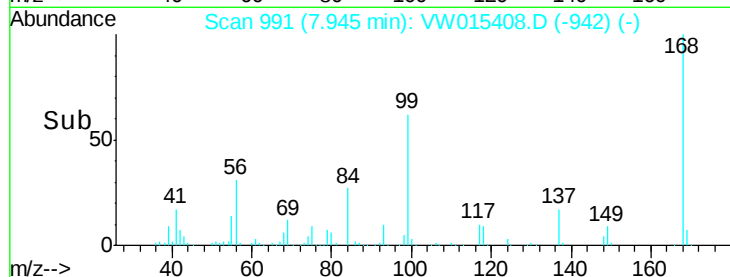
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.751 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015408.D

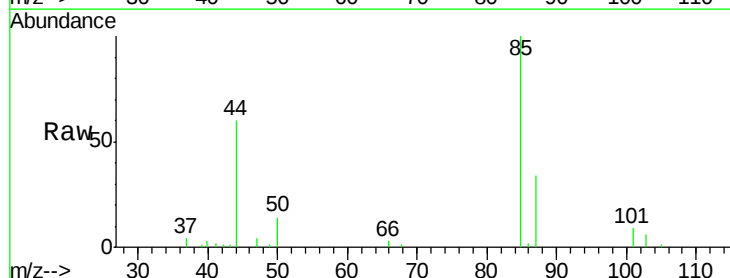
Acq: 06 May 2020 11:59

Tgt Ion: 85 Resp: 26222

Ion Ratio Lower Upper

85 100

87 33.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

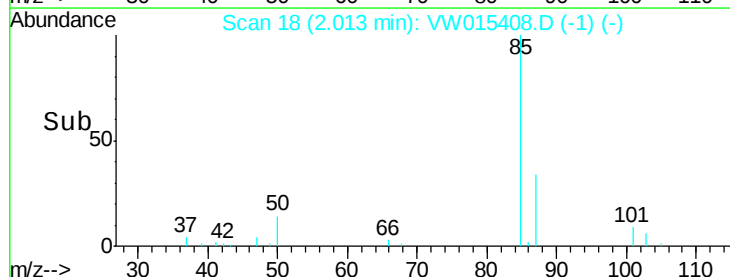
1.90

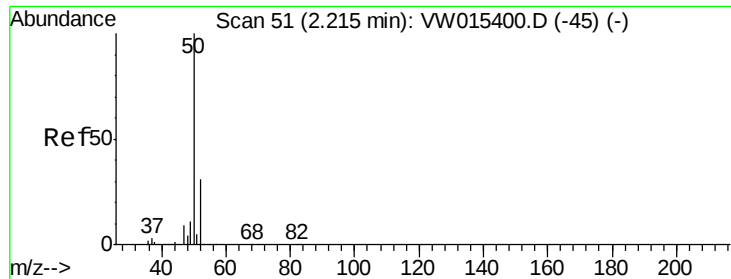
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 18.315 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion: 50 Resp: 30440

Ion Ratio Lower Upper

50 100

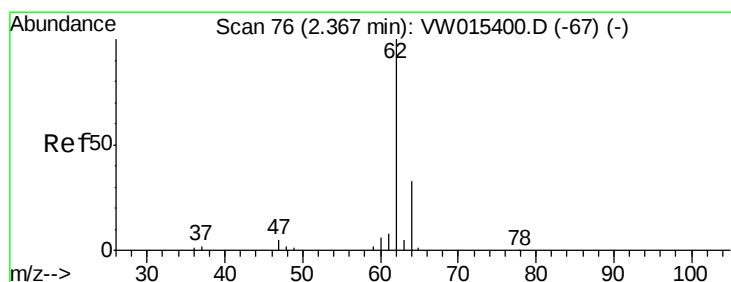
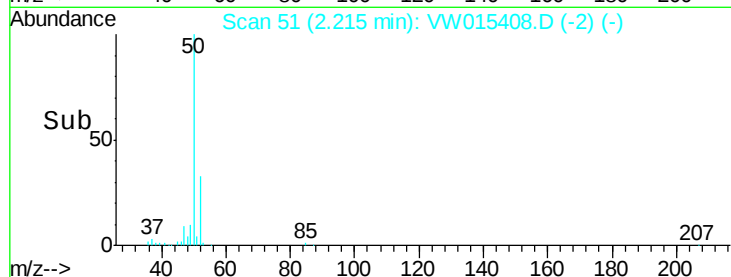
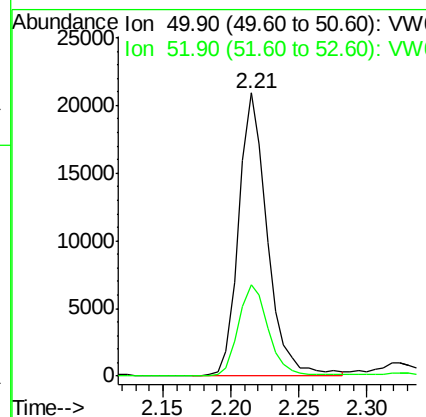
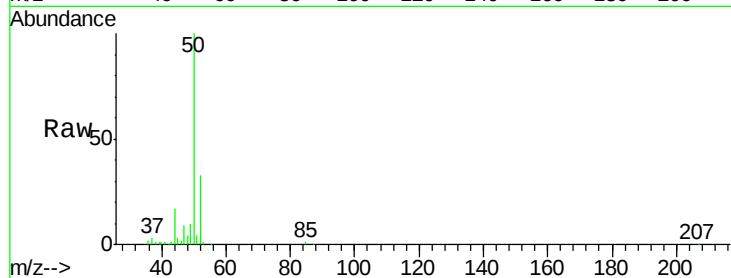
52 32.6 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.942 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015408.D

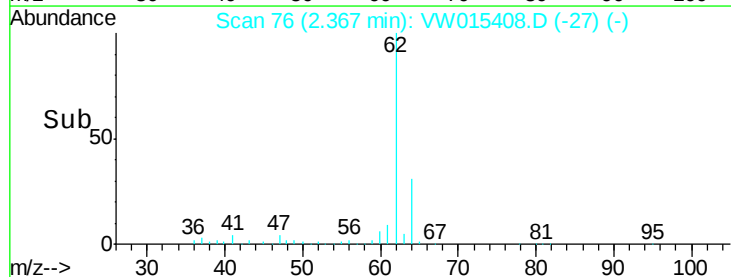
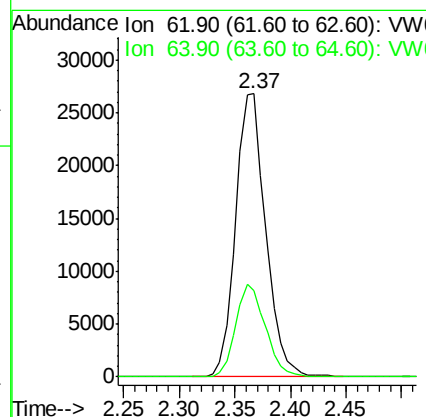
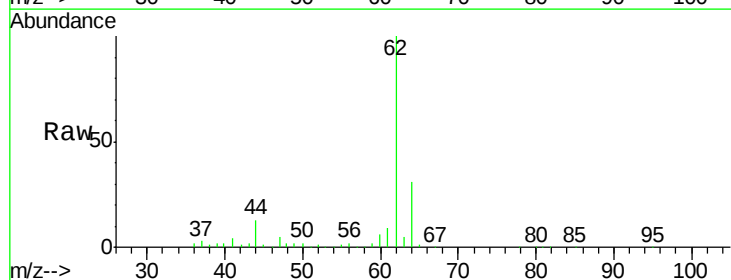
Acq: 06 May 2020 11:59

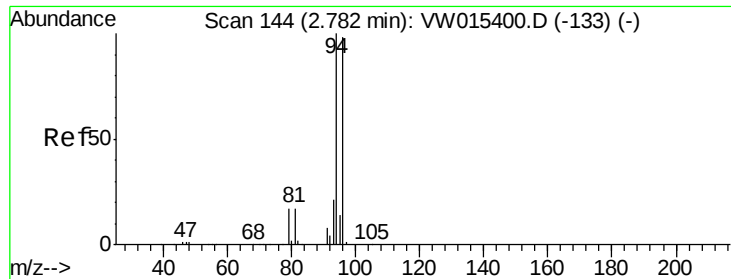
Tgt Ion: 62 Resp: 50196

Ion Ratio Lower Upper

62 100

64 30.7 26.4 39.6





#5

Bromomethane

Concen: 19.047 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

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ClientSampleId :

VW0506SBS01

Tot Ion: 94 Resp: 37560

Ion Ratio Lower Upper

94 100

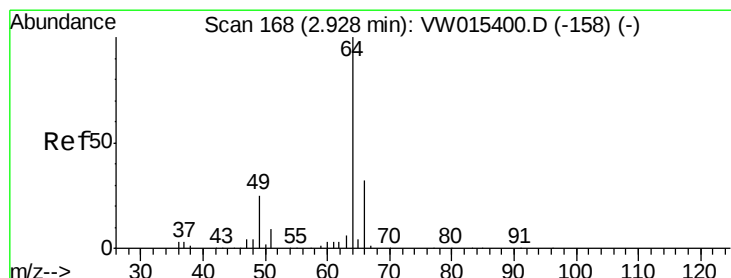
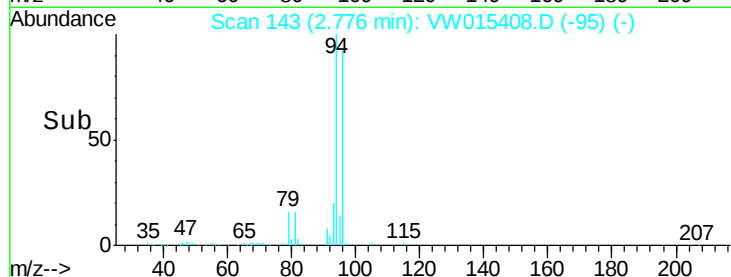
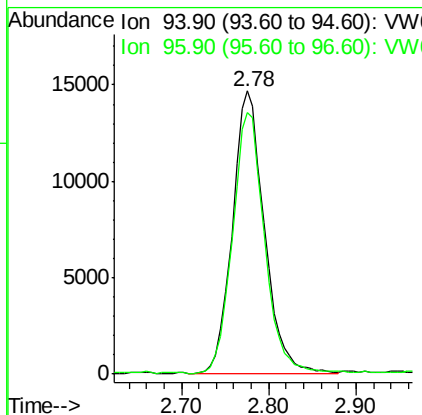
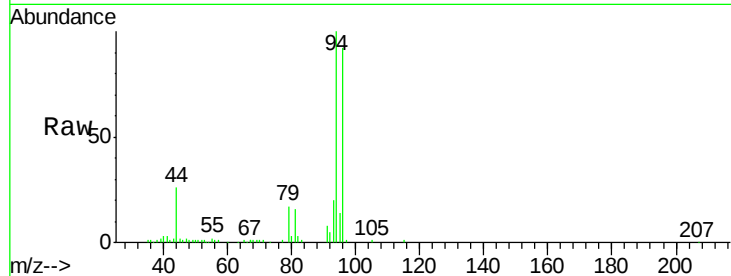
96 92.3 78.8 118.2

Manual Integrations

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#6

Chloroethane

Concen: 19.386 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015408.D

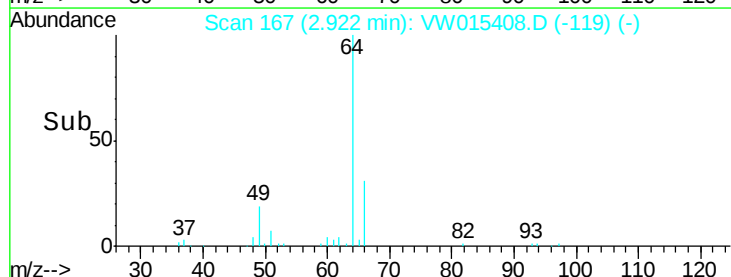
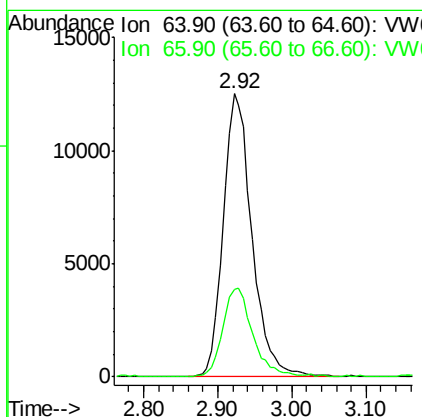
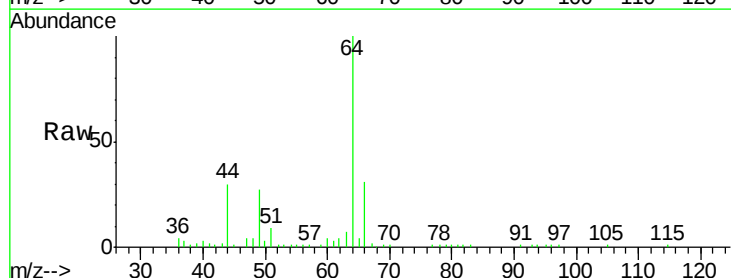
Acq: 06 May 2020 11:59

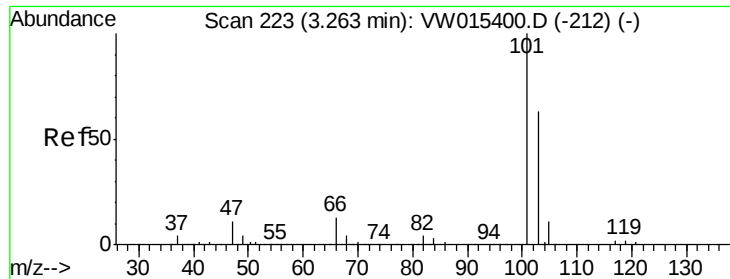
Tgt Ion: 64 Resp: 33626

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.0





#7

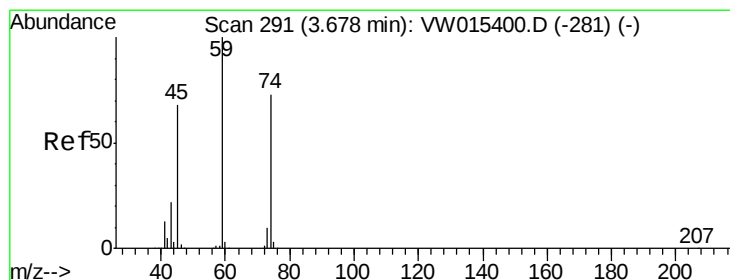
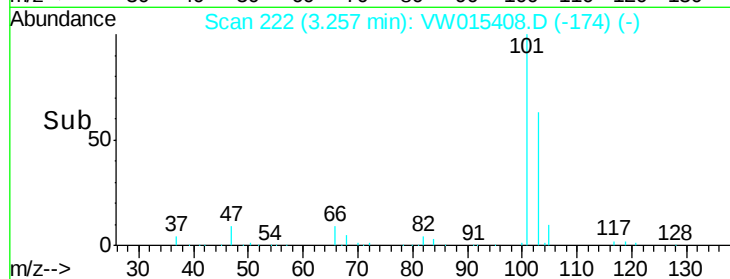
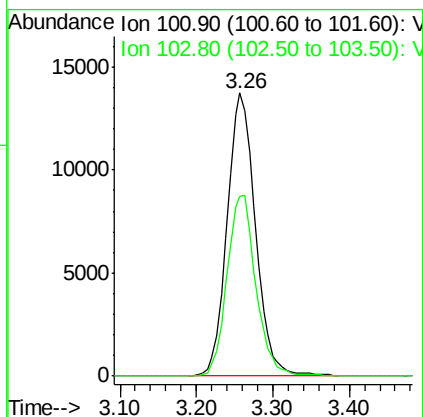
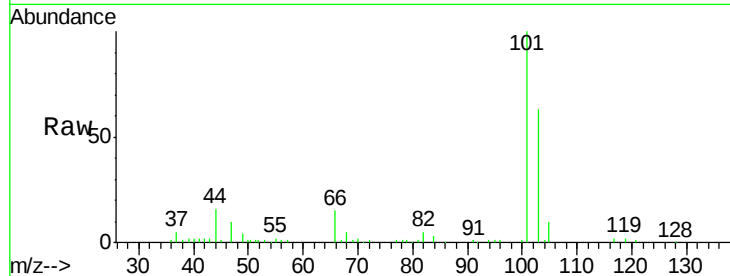
Trichlorofluoromethane
 Concen: 19.039 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015408.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.2	75.4

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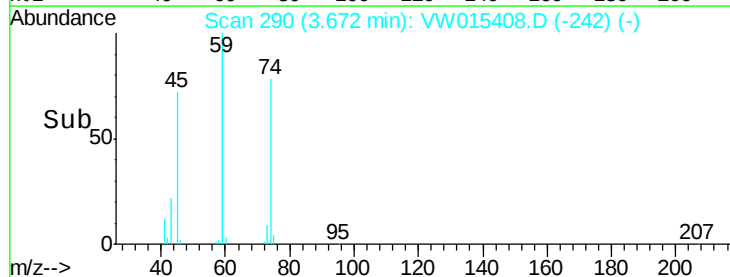
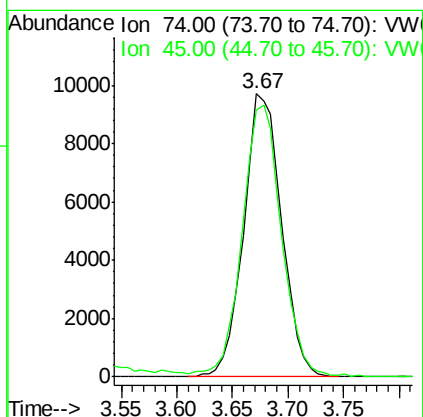
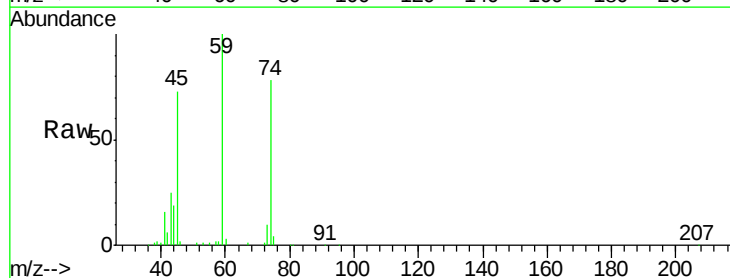
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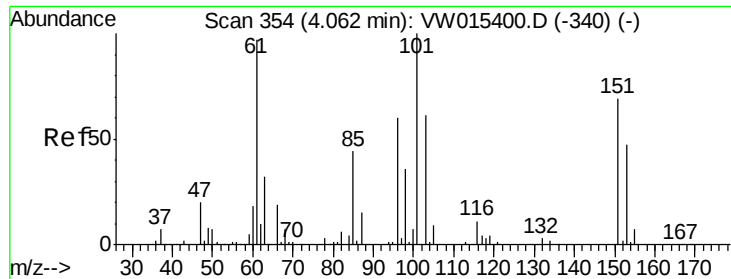


#8

Diethyl Ether
 Concen: 19.891 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW015408.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.439 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015408.D

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Instrument :

MSVOA_W

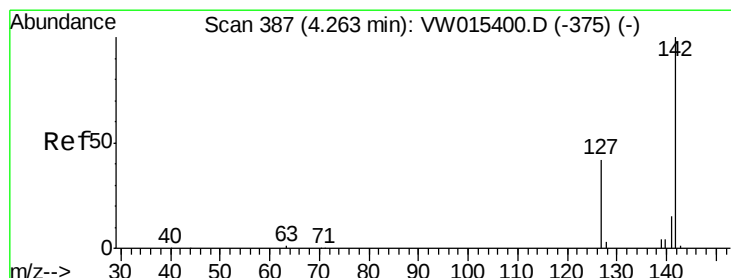
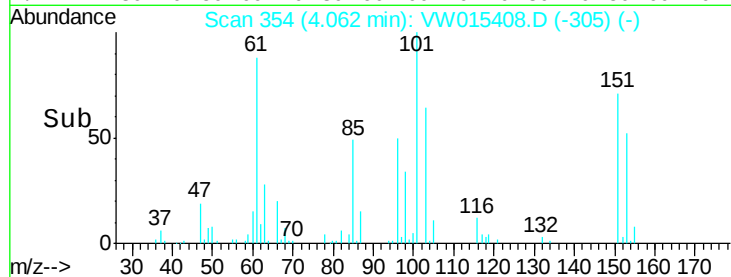
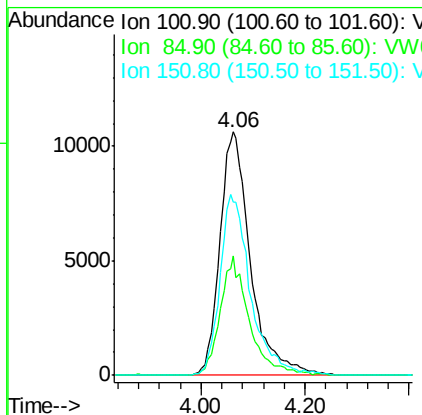
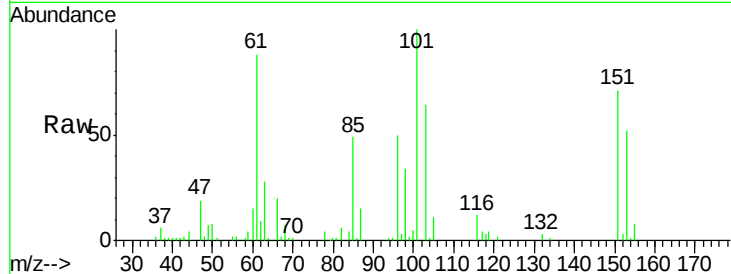
ClientSampleId :

VW0506SBS01

Tot Ion:	101	Resp:	43745
Ion Ratio	Lower	Upper	
101	100		
85	46.4	37.3	55.9
151	73.4	58.9	88.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.324 ug/l

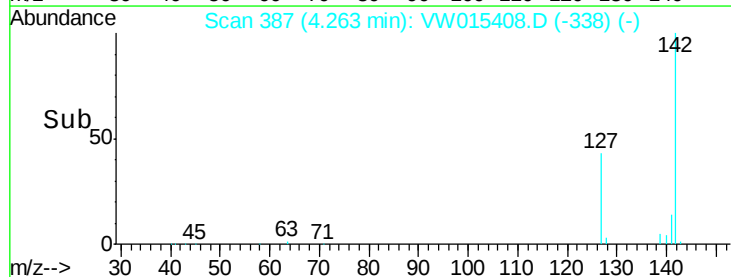
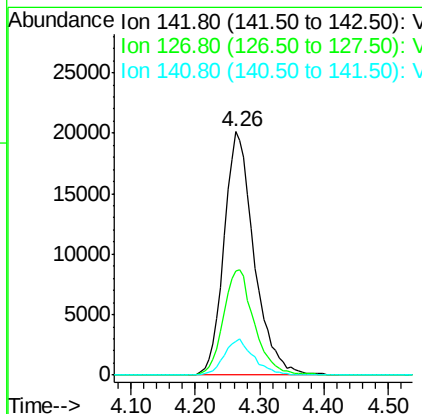
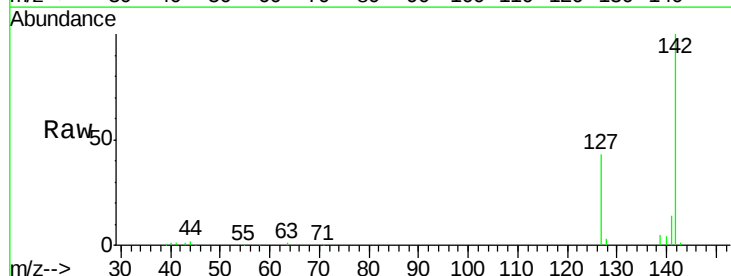
RT: 4.26 min Scan# 387

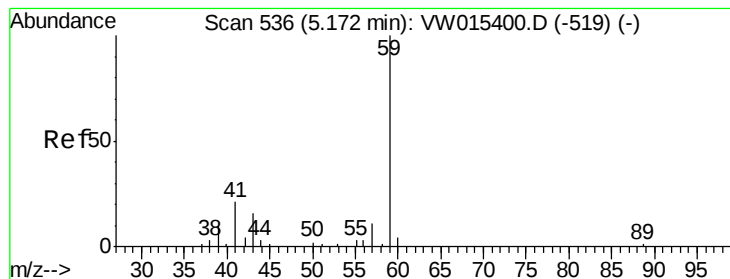
Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	142	Resp:	65821
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.4	53.2
141	14.5	11.7	17.5





#11

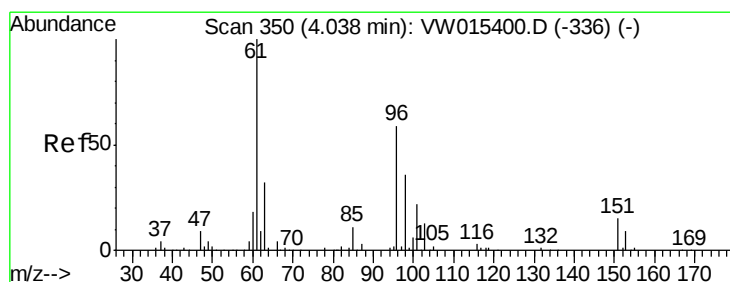
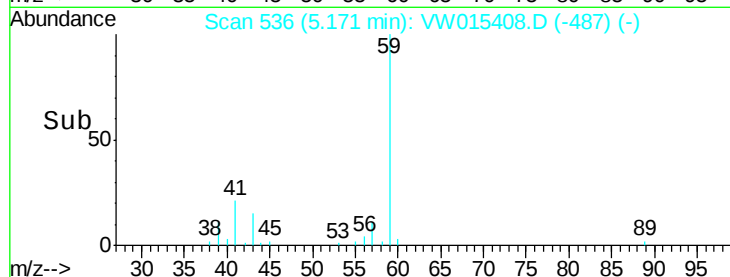
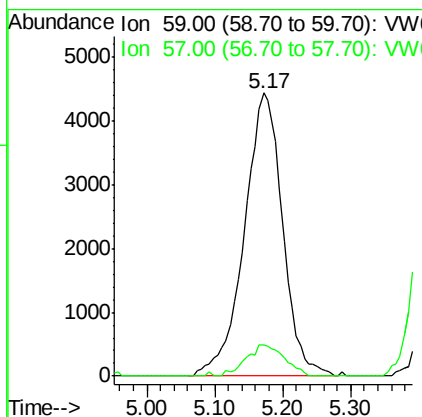
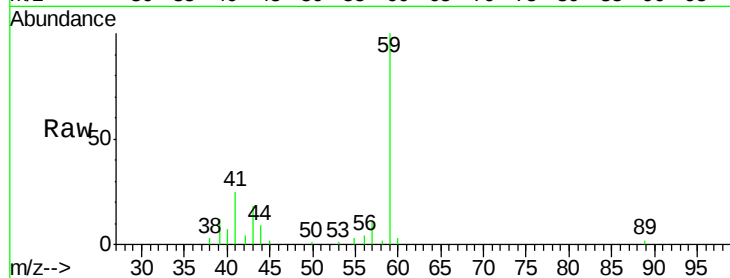
Tert butyl alcohol
 Concen: 119.668 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	13.0

Manual Integrations
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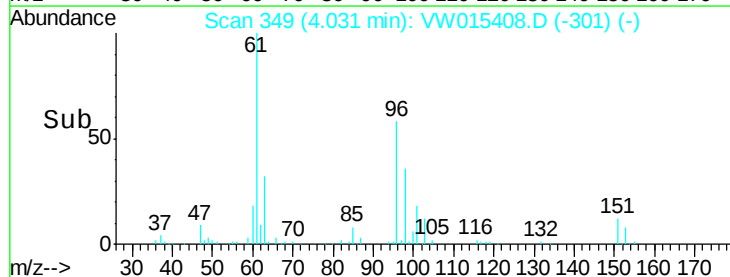
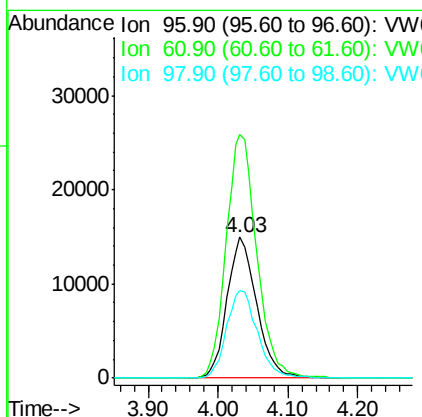
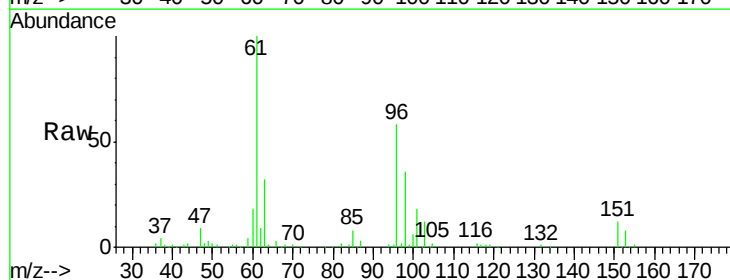
MMDadoda
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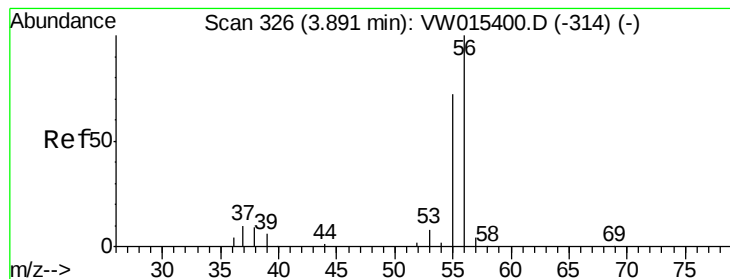


#12

1,1-Dichloroethene
 Concen: 19.883 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.9	135.8	203.8
98	62.2	48.6	72.8





#13

Acrolein

Concen: 104.636 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion: 56 Resp: 19450

Ion Ratio Lower Upper

56 100

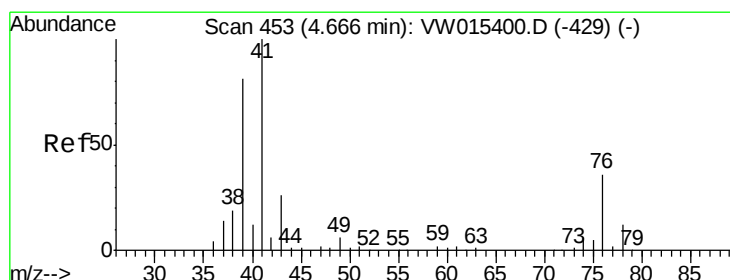
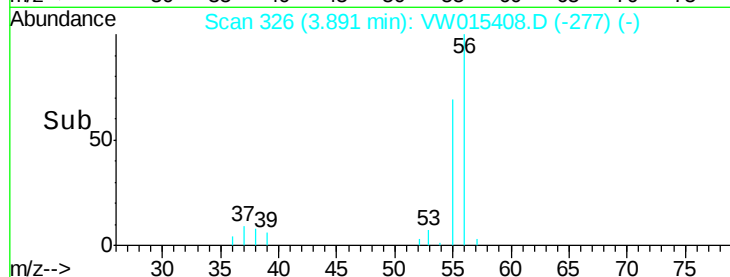
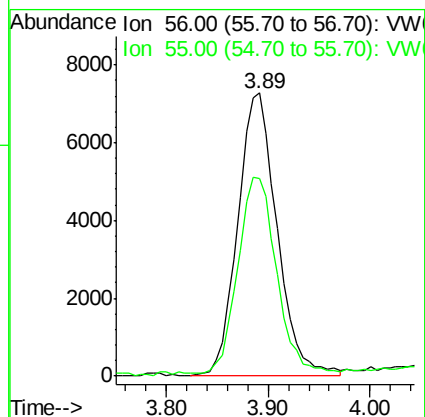
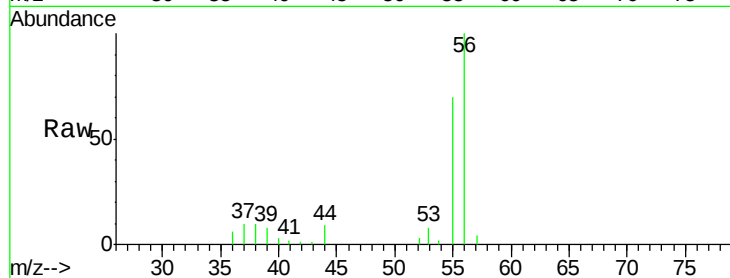
55 68.0 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.206 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

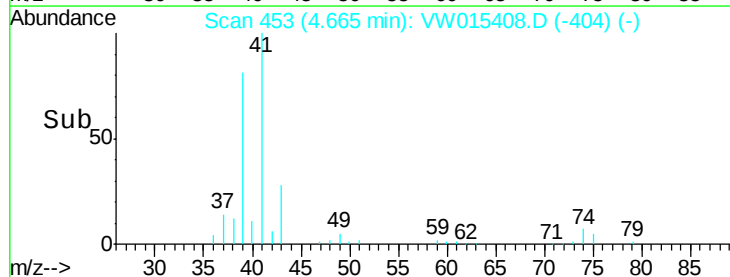
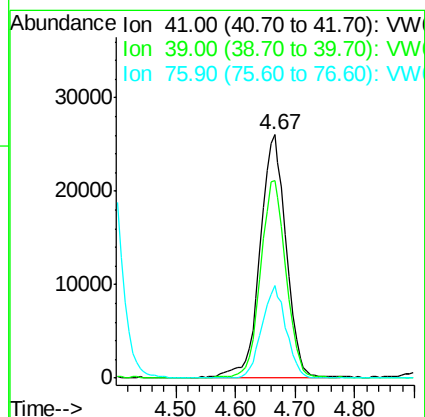
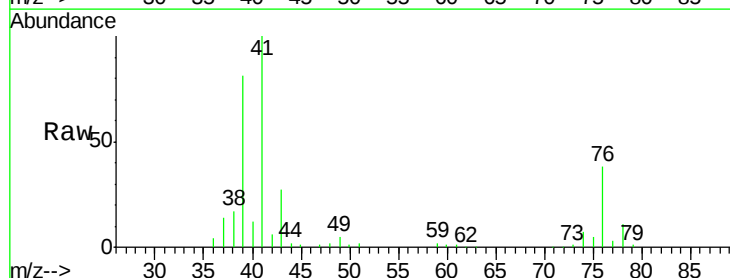
Tgt Ion: 41 Resp: 78577

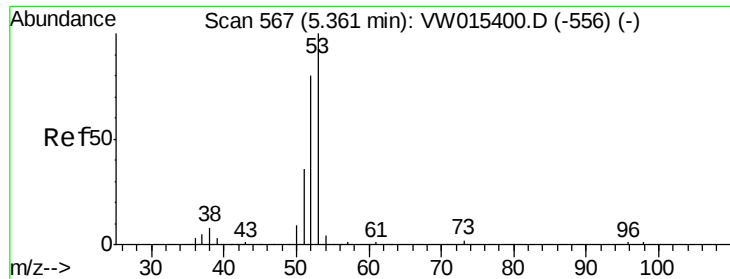
Ion Ratio Lower Upper

41 100

39 80.1 63.6 95.4

76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 105.166 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

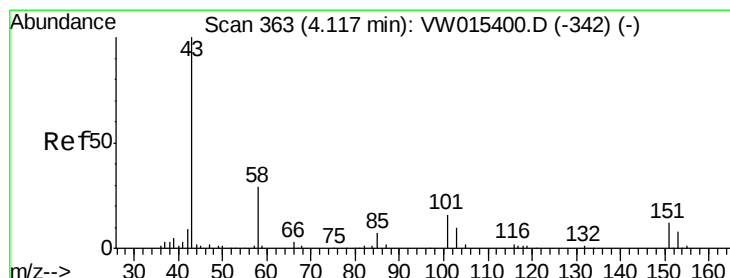
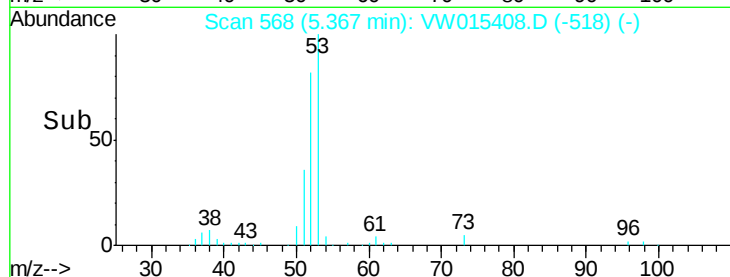
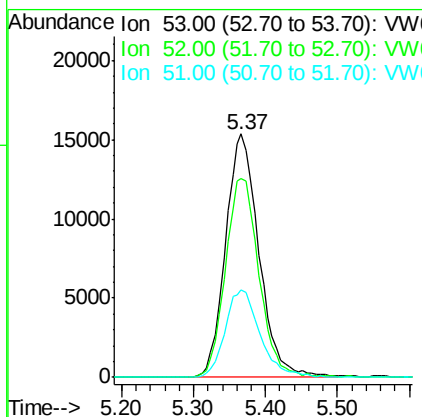
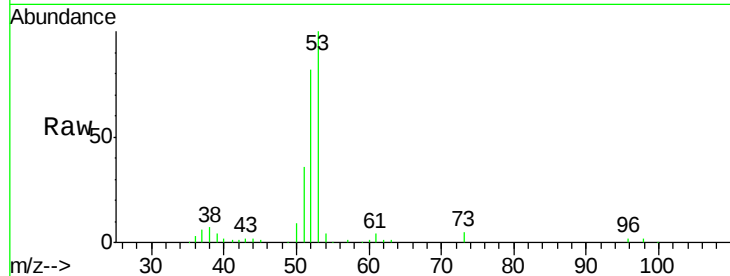
ClientSampleId :

VW0506SBS01

Tot Ion:	53	Resp:	49381
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	99.8
51	37.7	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 106.358 ug/l

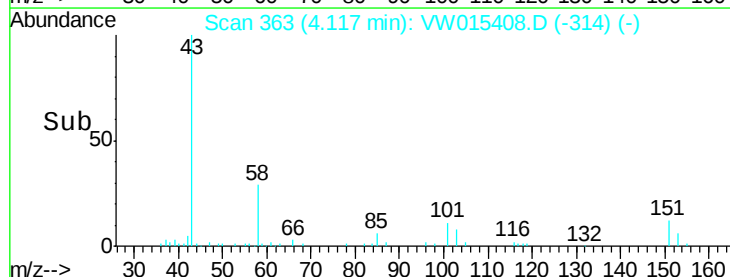
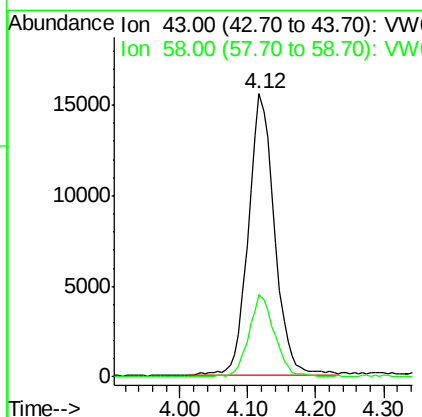
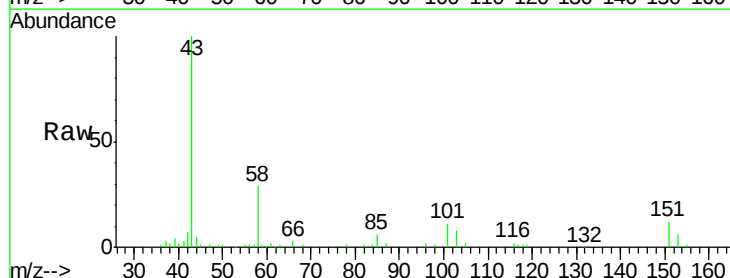
RT: 4.12 min Scan# 363

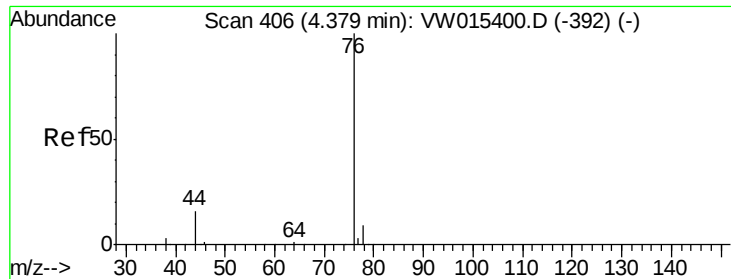
Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	43	Resp:	41707
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0





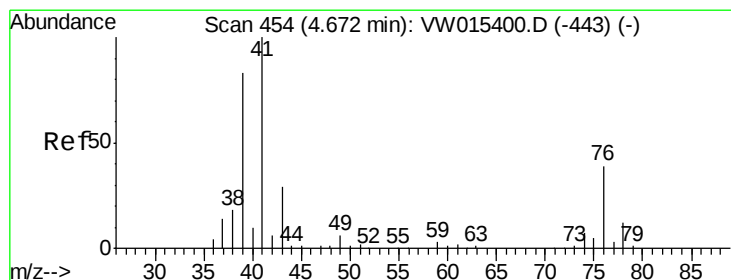
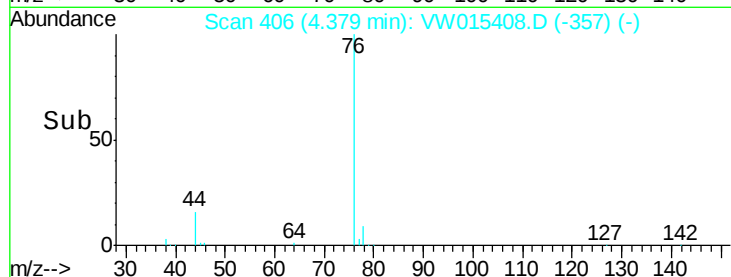
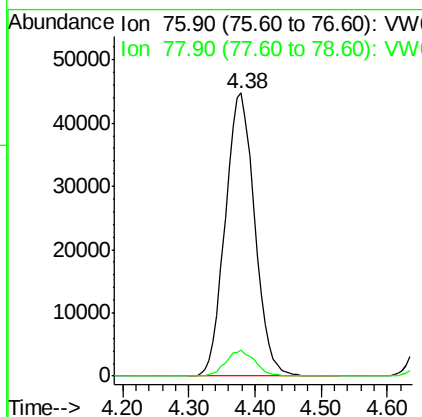
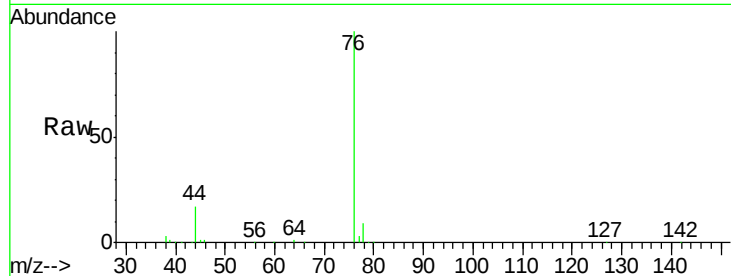
#17
Carbon Disulfide
Concen: 20.280 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

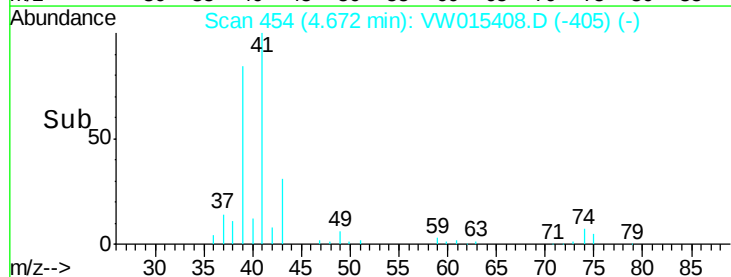
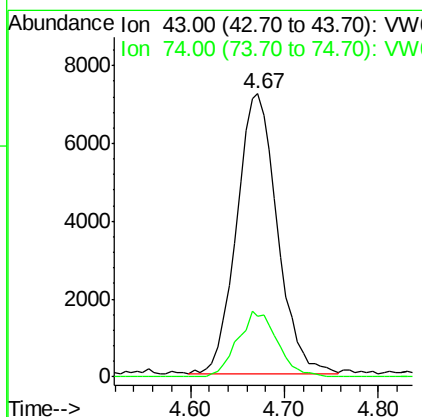
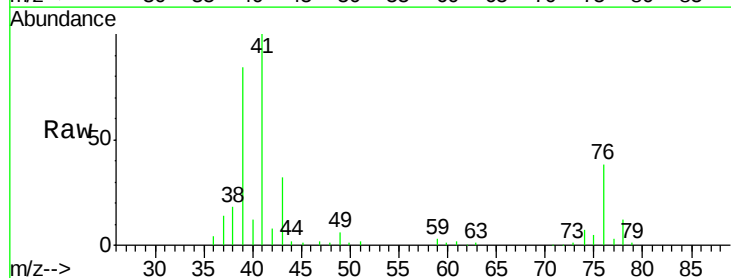
Manual Integrations
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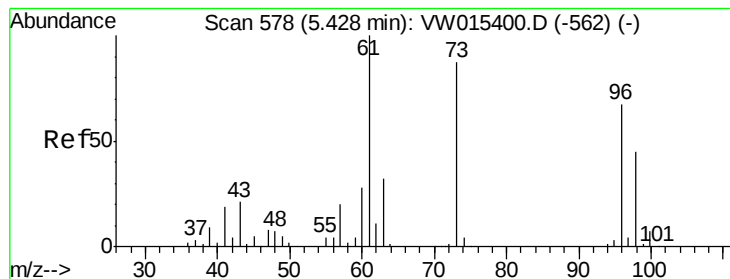
MMDadoda
5/7/2020 10:34:51 AM



#18
Methyl Acetate
Concen: 20.766 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.7	28.1





#19

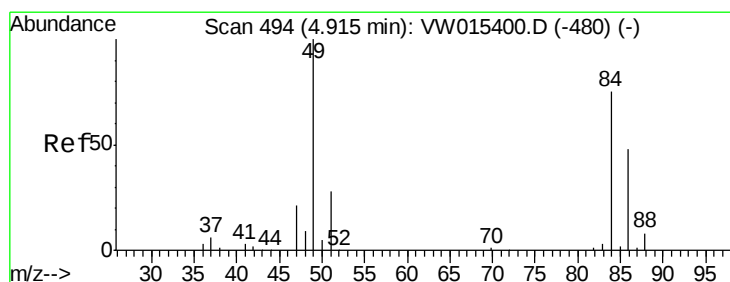
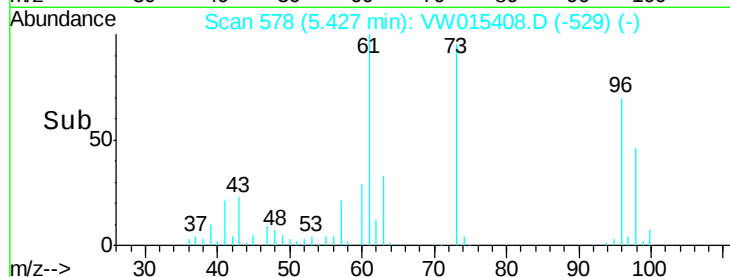
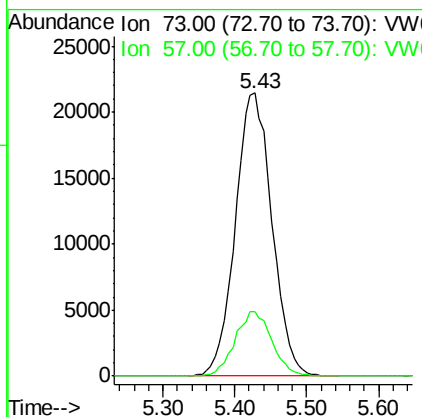
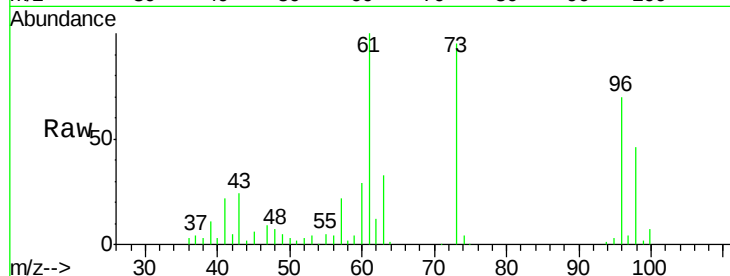
Methyl tert-butyl Ether
 Concen: 21.206 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.5	27.7

Manual Integrations
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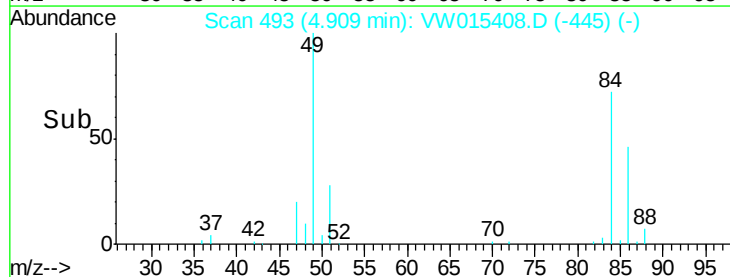
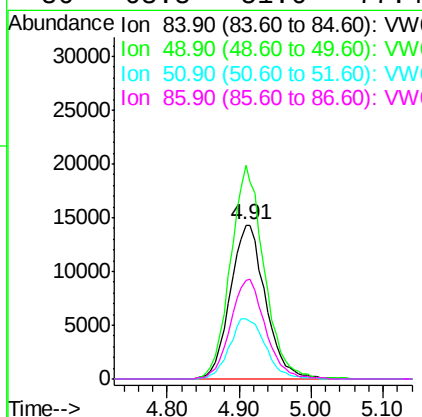
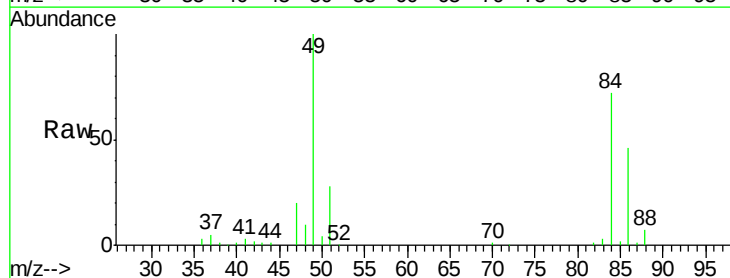
MMDadoda
 5/7/2020 10:34:51 AM

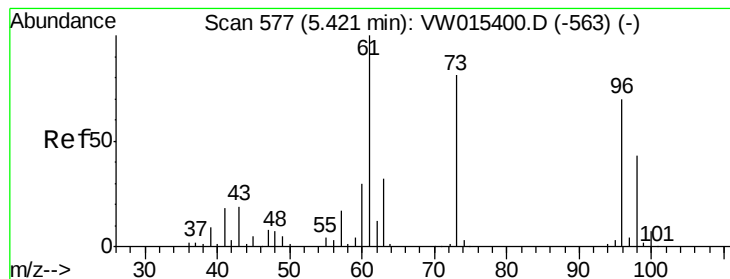


#20

Methylene Chloride
 Concen: 19.016 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.8	106.4	159.6
51	39.0	30.2	45.2
86	63.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 20.139 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion: 96 Resp: 50738

Ion Ratio Lower Upper

96 100

61 144.9 114.9 172.3

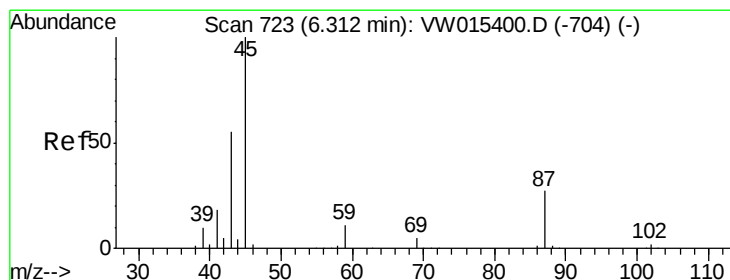
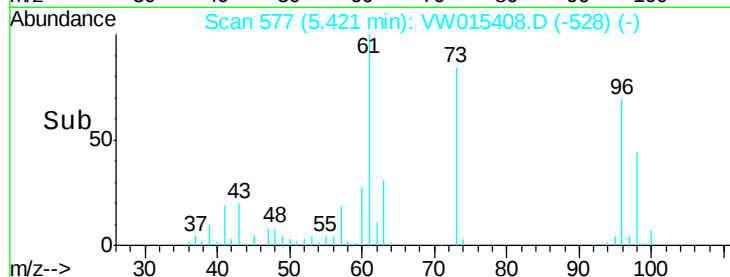
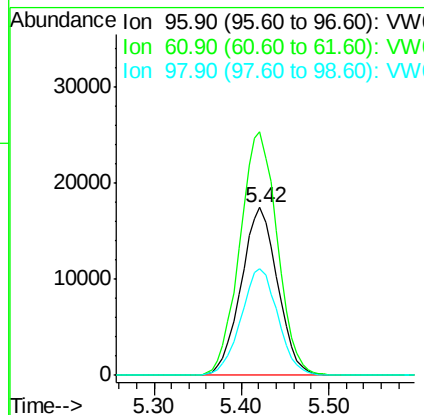
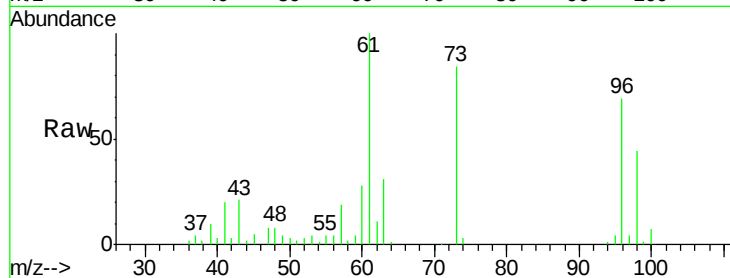
98 63.3 49.4 74.0

Manual Integrations

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5/7/2020 10:34:51 AM



#22

Diisopropyl ether

Concen: 20.288 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion: 45 Resp: 154174

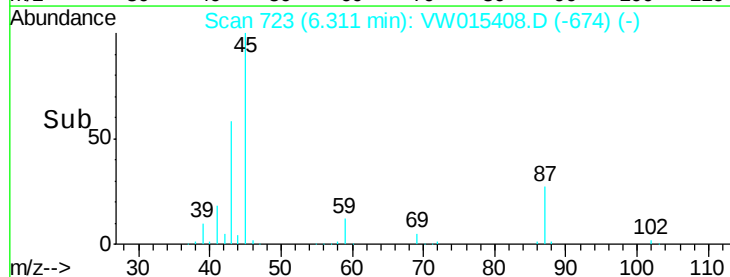
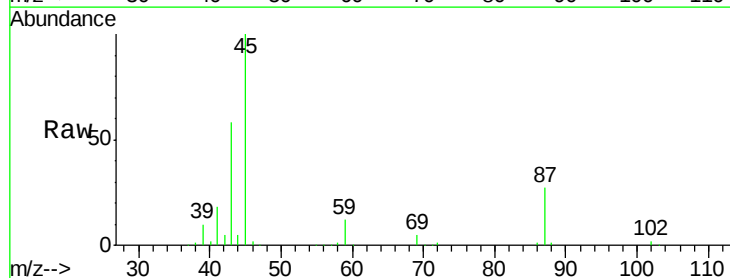
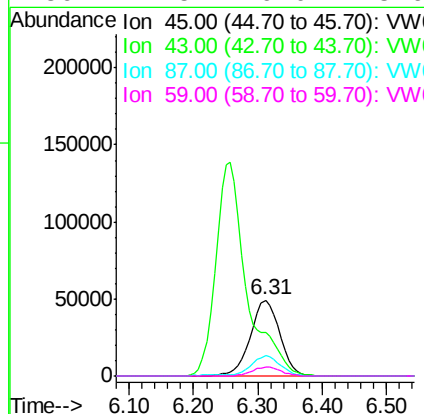
Ion Ratio Lower Upper

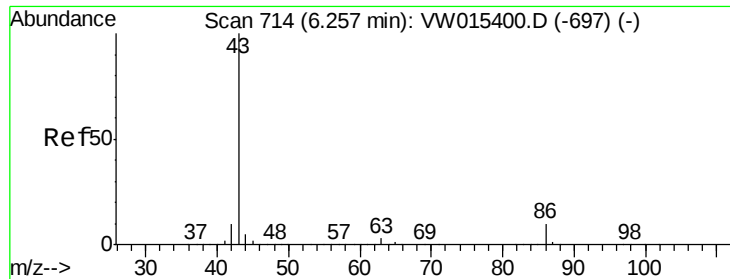
45 100

43 56.9 44.2 66.4

87 26.8 21.6 32.4

59 11.5 9.0 13.6





#23

Vinyl Acetate

Concen: 100.783 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampled :

VW0506SBS01

Tot Ion: 43 Resp: 465559

Ion Ratio Lower Upper

43 100

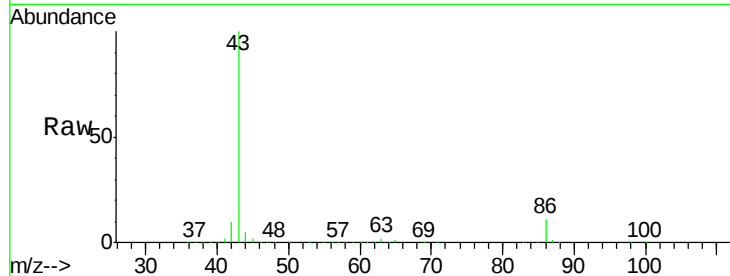
86 10.6 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

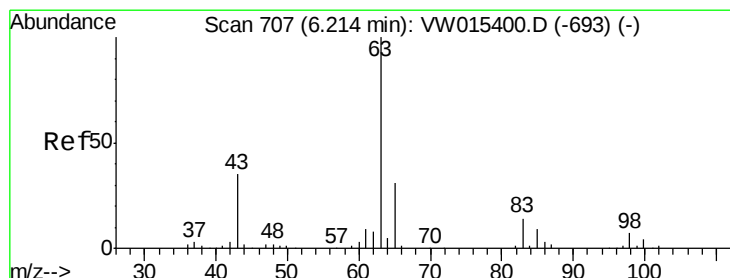
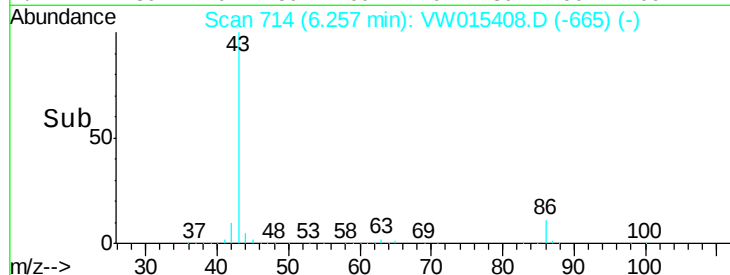
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.113 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

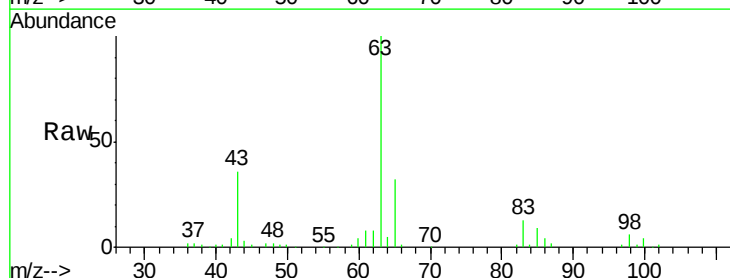
Tgt Ion: 63 Resp: 91630

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.4 2.1 6.5



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

40000

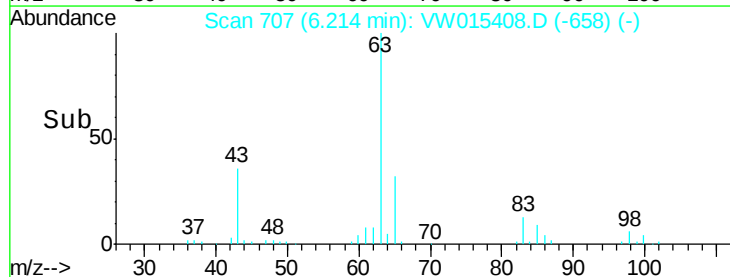
30000

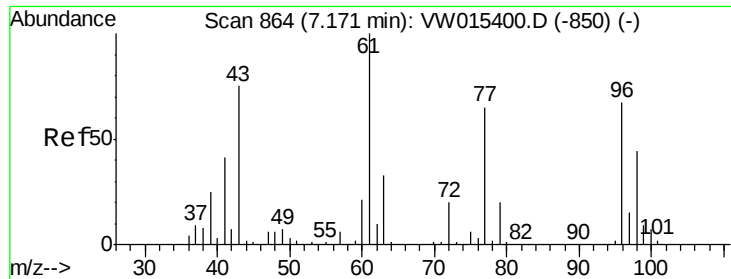
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.556 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampled :

VW0506SBS01

Tot Ion: 43 Resp: 64518

Ion Ratio Lower Upper

43 100

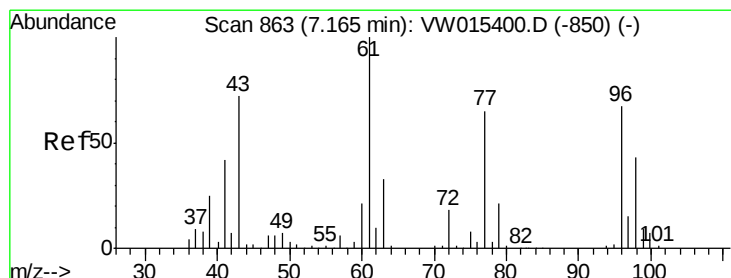
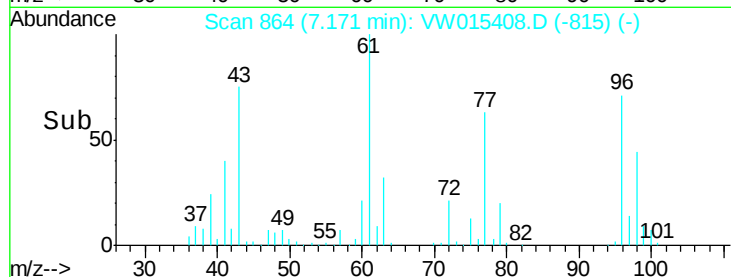
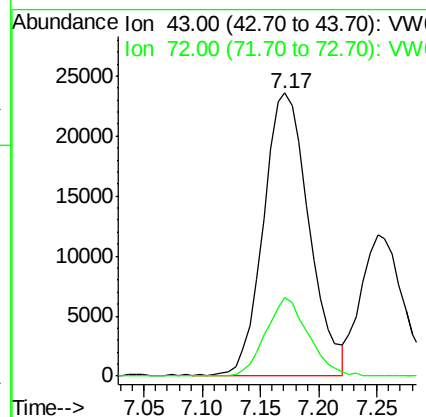
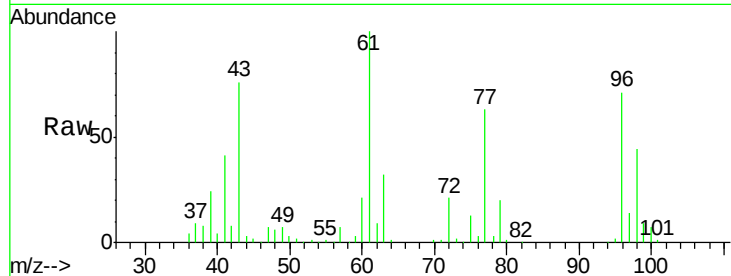
72 27.6 21.4 32.0

Manual Integrations

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MMDadoda

5/7/2020 10:34:51 AM



#26

2,2-Dichloropropane

Concen: 20.248 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015408.D

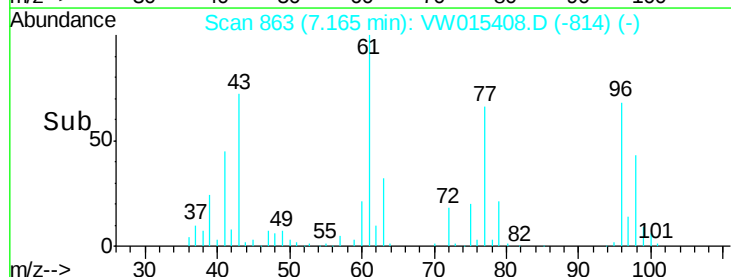
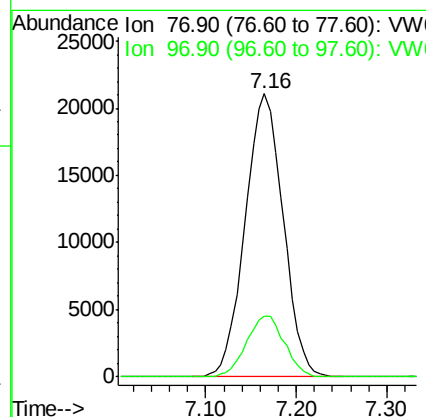
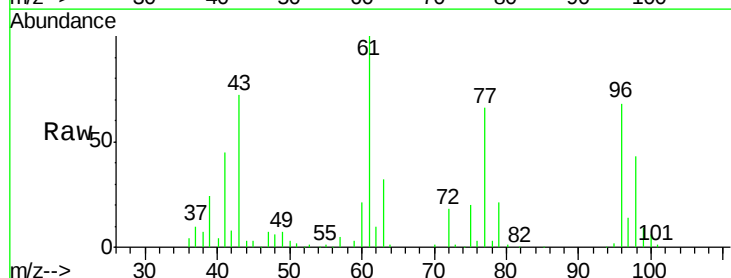
Acq: 06 May 2020 11:59

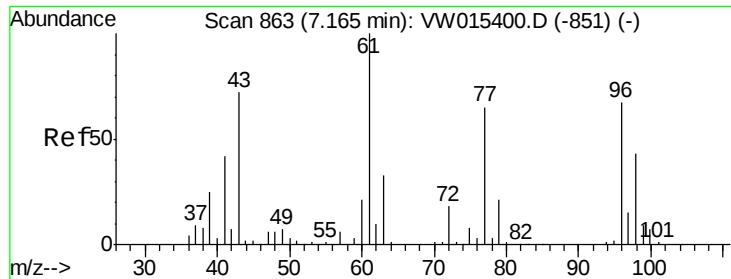
Tgt Ion: 77 Resp: 61137

Ion Ratio Lower Upper

77 100

97 21.6 11.1 33.1





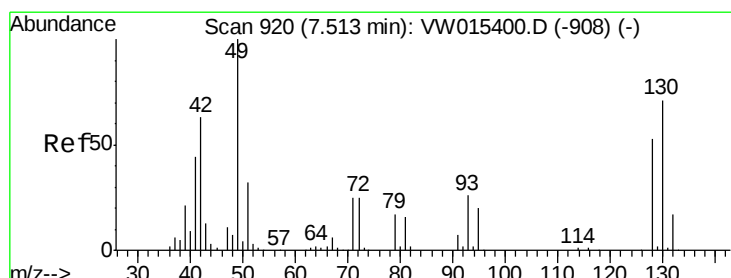
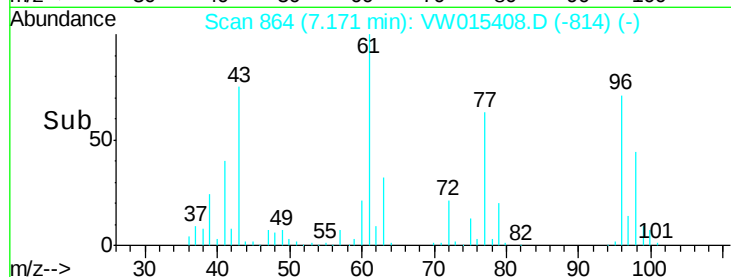
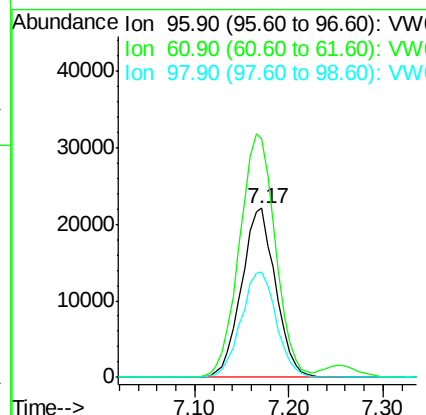
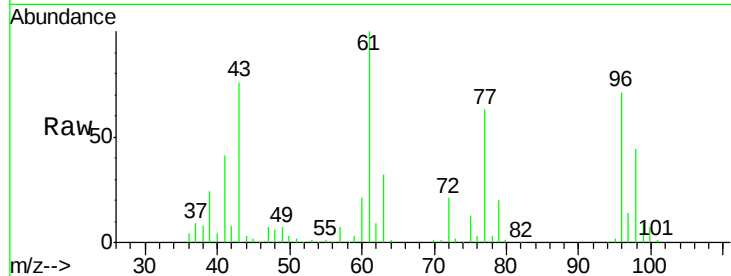
#27
 cis-1,2-Dichloroethene
 Concen: 20.450 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	304.6
98	64.3	0.0	129.2

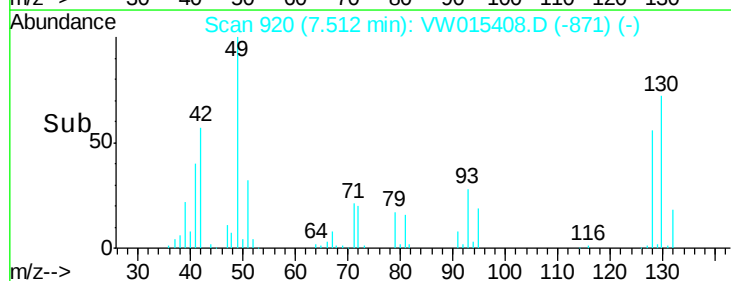
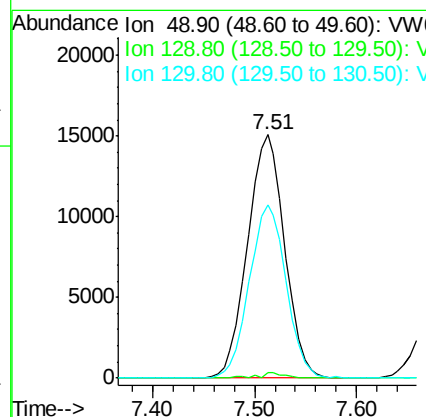
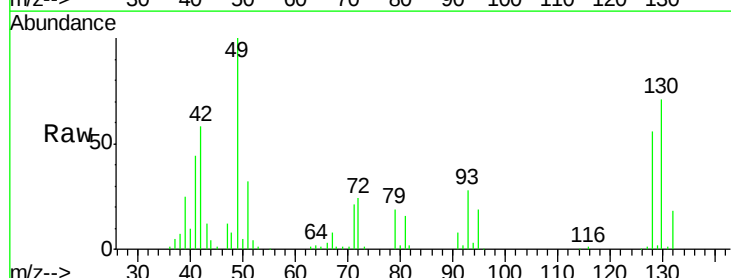
Manual Integrations
 APPROVED

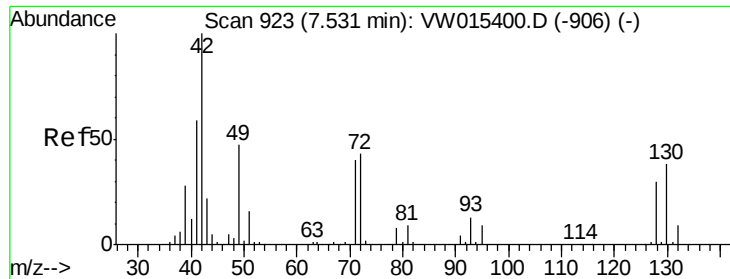
MMDadoda
 5/7/2020 10:34:51 AM



#28
 Bromochloromethane
 Concen: 20.763 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.0
130	70.7	57.0	85.4





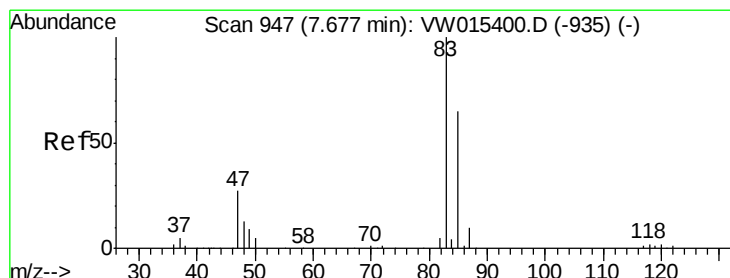
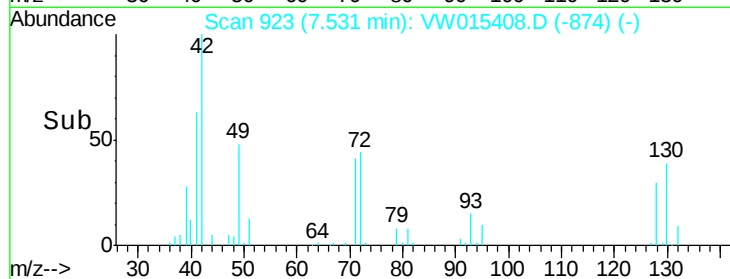
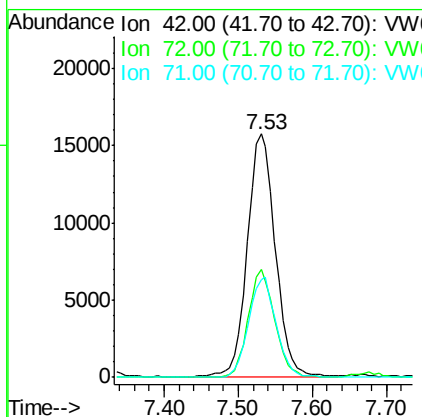
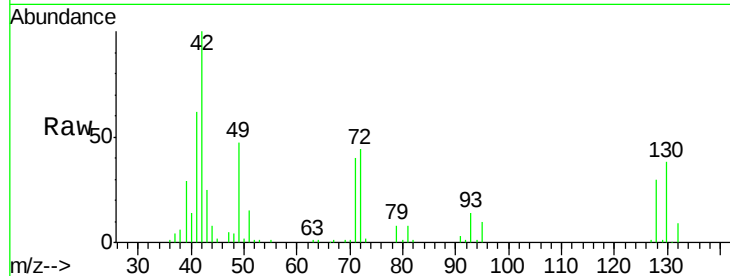
#29
Tetrahydrofuran
Concen: 104.281 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.6	50.4
71	39.9	32.1	48.1

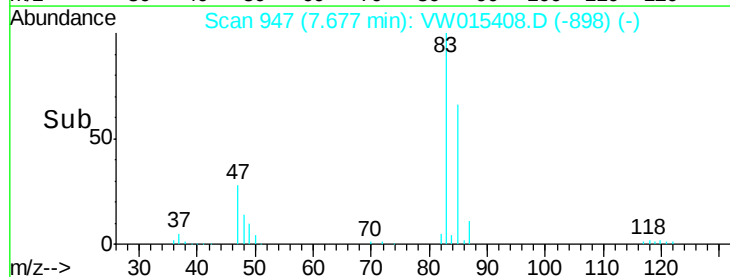
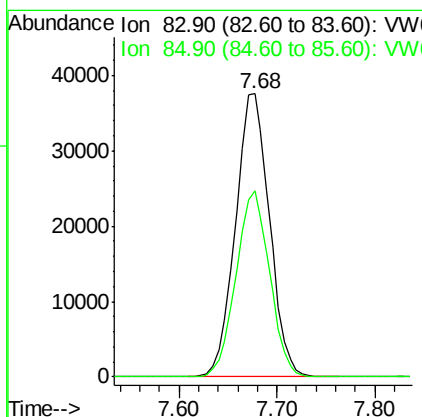
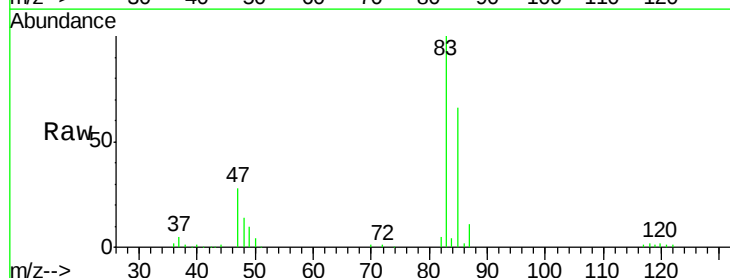
Manual Integrations
APPROVED

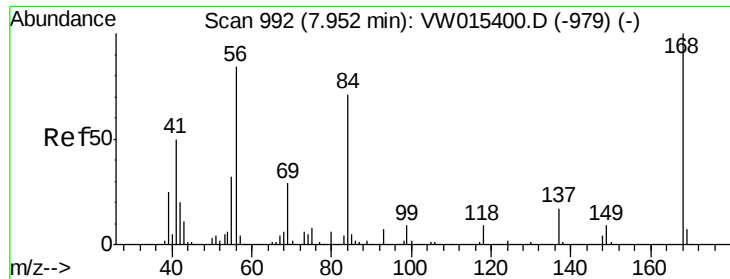
MMDadoda
5/7/2020 10:34:51 AM



#30
Chloroform
Concen: 20.029 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.6





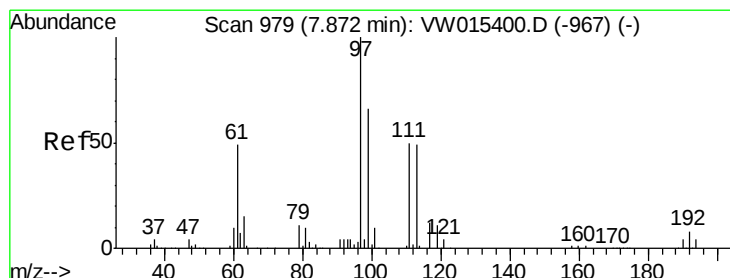
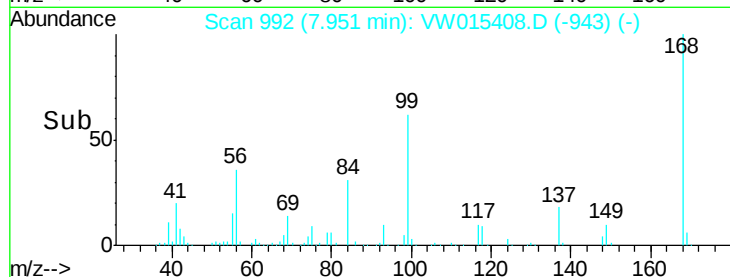
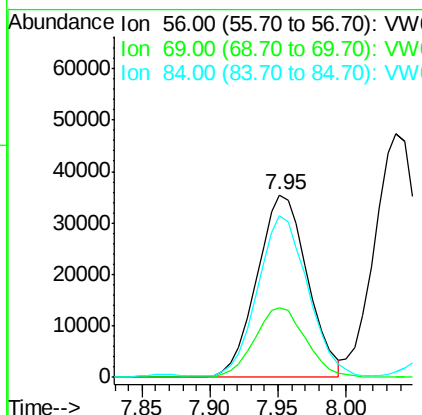
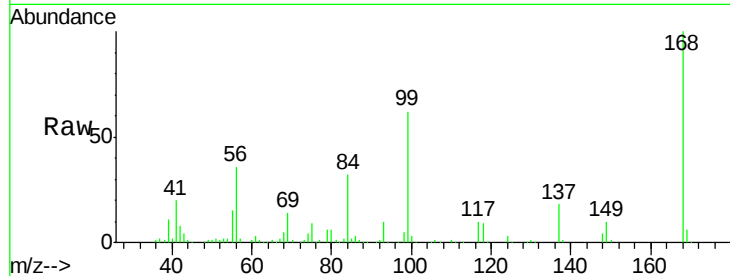
#31
Cyclohexane
Concen: 19.894 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.1	27.2	40.8
84	87.8	67.7	101.5

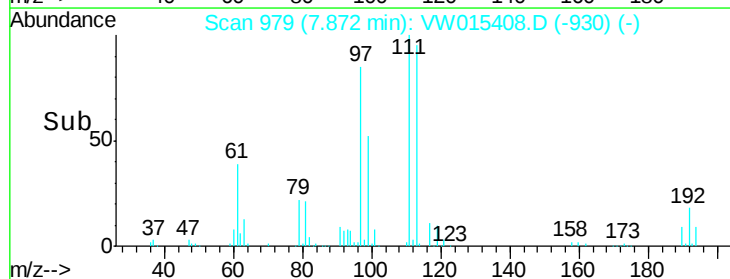
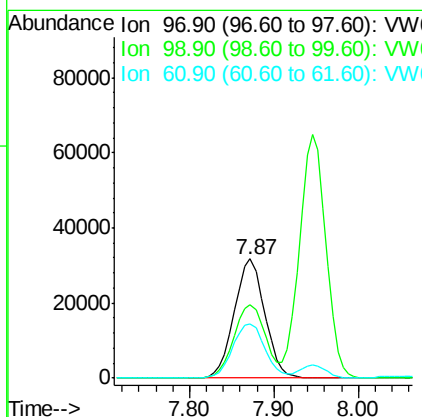
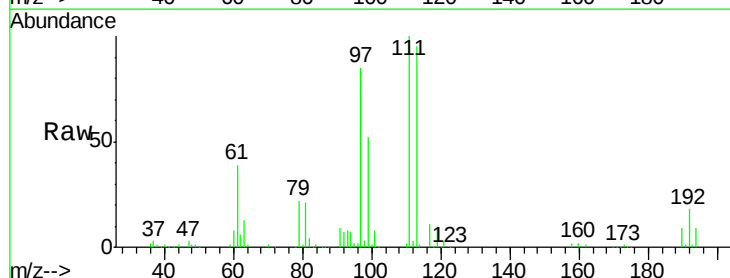
Manual Integrations
APPROVED

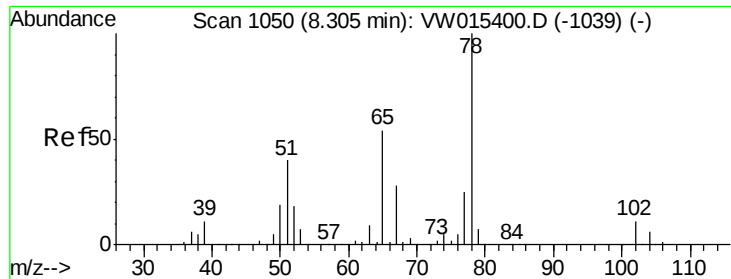
MMDadoda
5/7/2020 10:34:51 AM



#32
1,1,1-Trichloroethane
Concen: 20.457 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.7	76.1
61	47.9	38.0	57.0





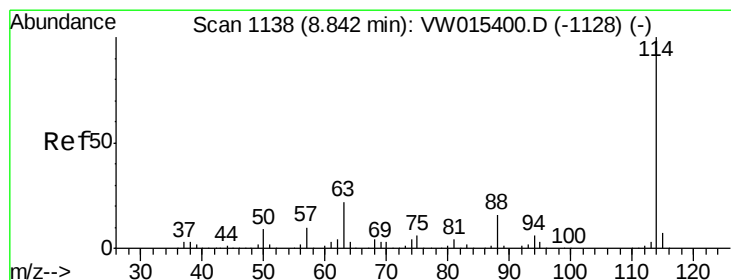
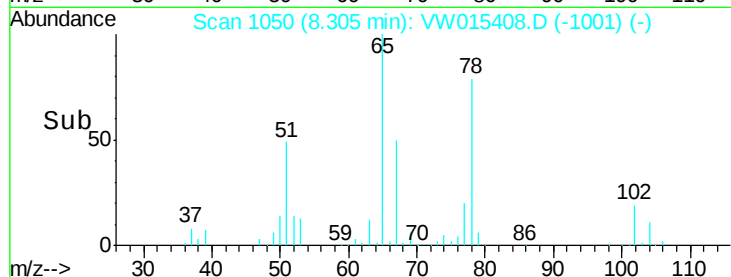
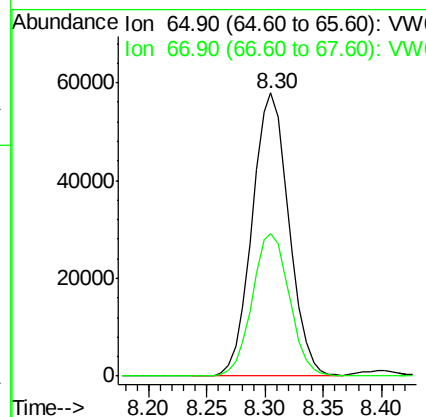
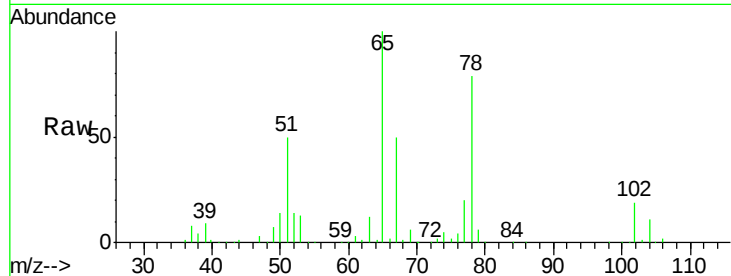
#33
 1,2-Dichloroethane-d4
 Concen: 50.507 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127493		
67	50.9	0.0	102.8	

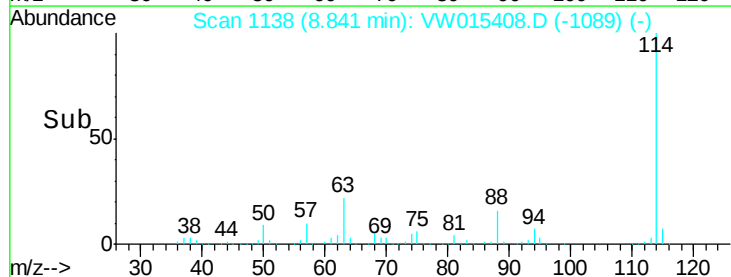
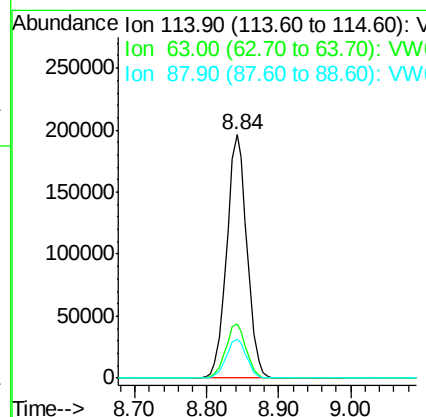
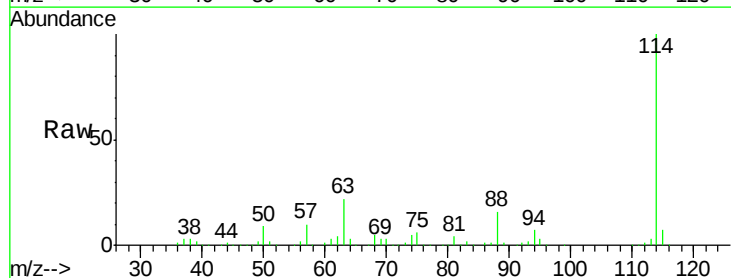
Manual Integrations
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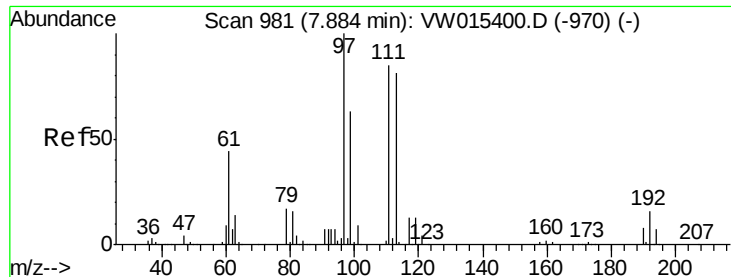
MMDadoda
 5/7/2020 10:34:51 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382092		
63	22.1	0.0	43.4	
88	15.7	0.0	31.8	





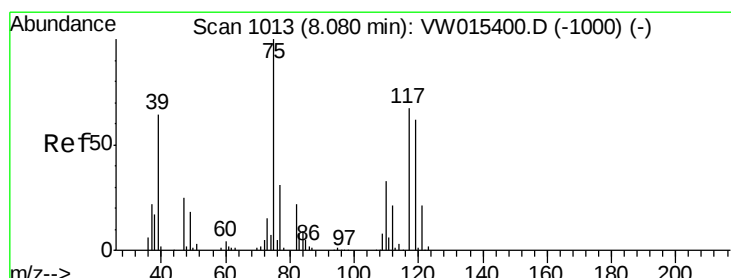
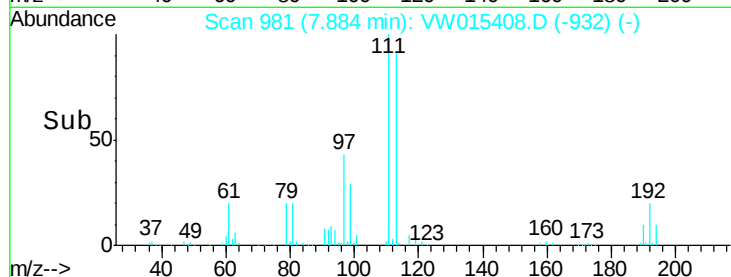
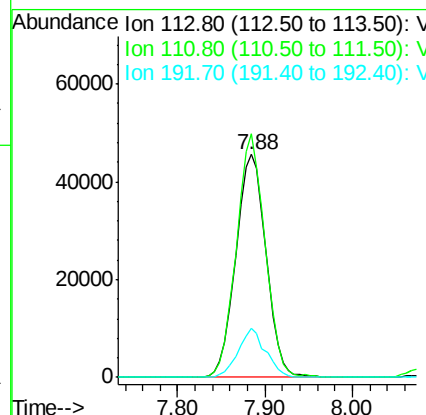
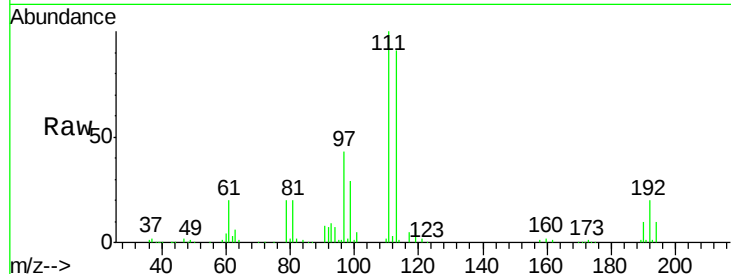
#35
 Dibromofluoromethane
 Concen: 49.942 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109526		
111	104.0	82.9	124.3	
192	19.9	15.4	23.0	

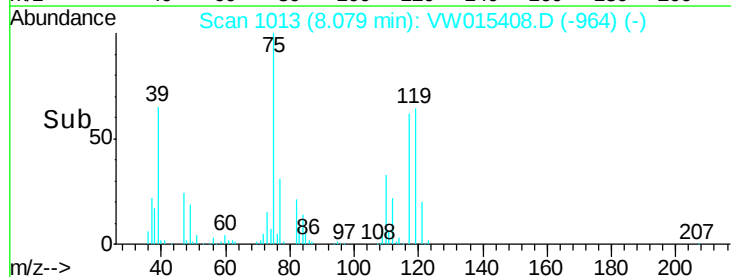
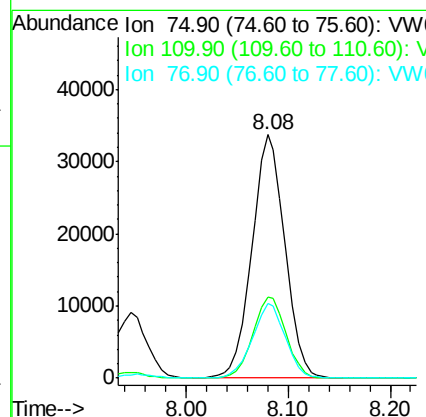
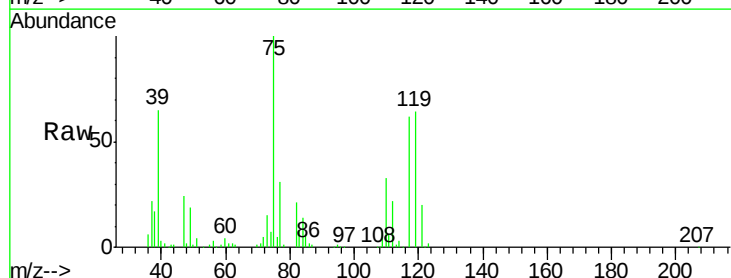
Manual Integrations
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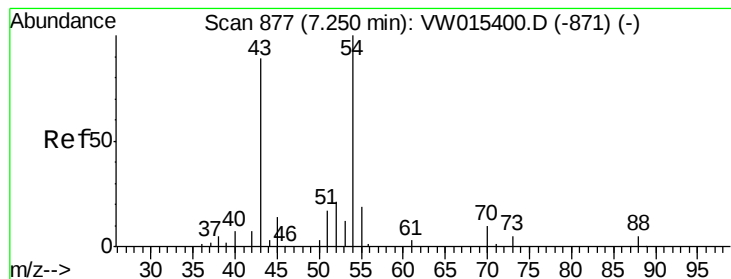
MMDadoda
 5/7/2020 10:34:51 AM



#36
 1,1-Dichloropropene
 Concen: 20.211 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75873		
110	33.5	16.6	49.8	
77	30.7	24.5	36.7	





#37

Ethyl Acetate

Concen: 20.949 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

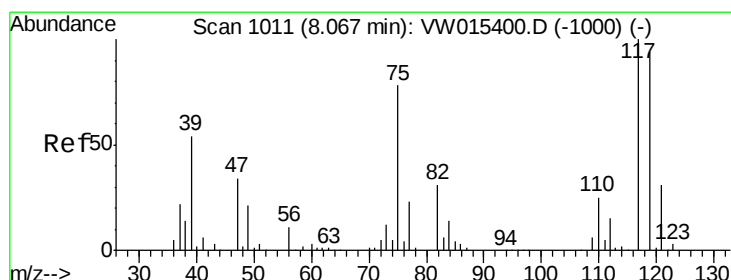
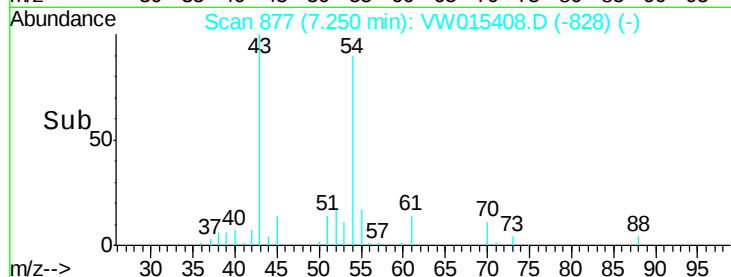
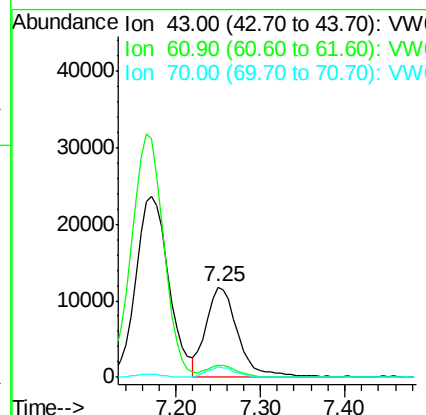
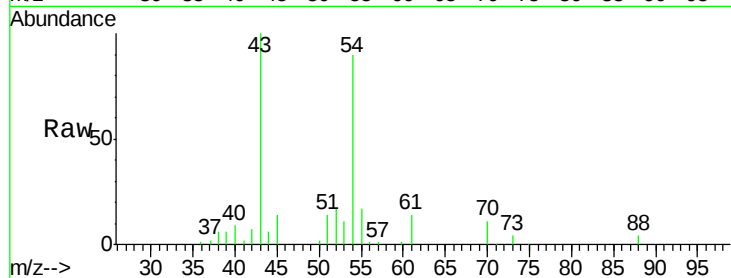
ClientSampled :

VW0506SBS01

Tot Ion:	43	Resp:	30514
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	10.4	8.0	12.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.411 ug/l

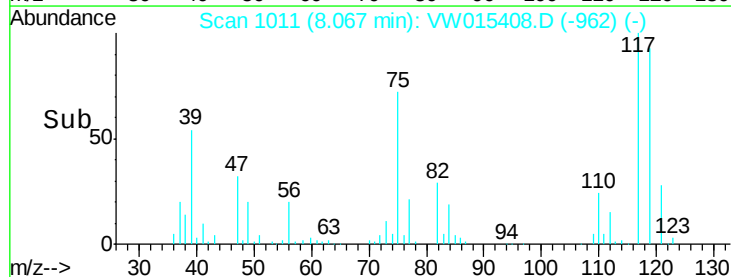
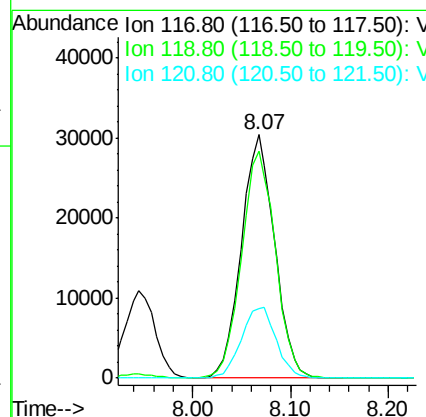
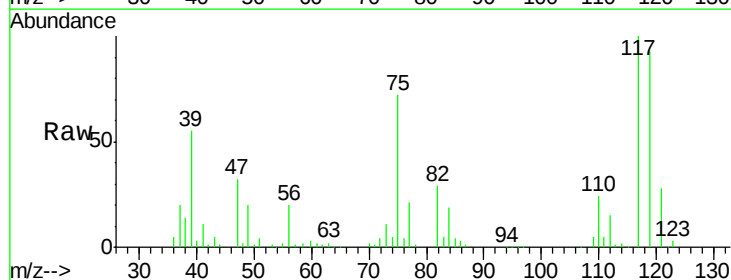
RT: 8.07 min Scan# 1011

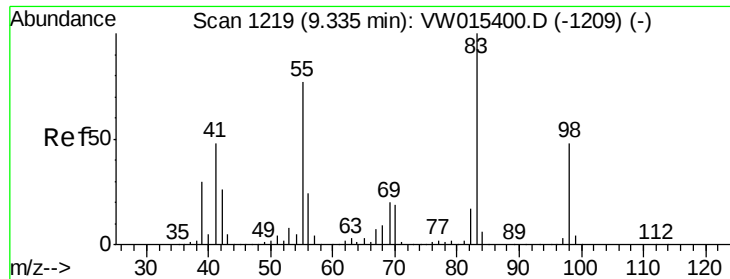
Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	117	Resp:	71632
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.4	113.0
121	28.4	24.8	37.2





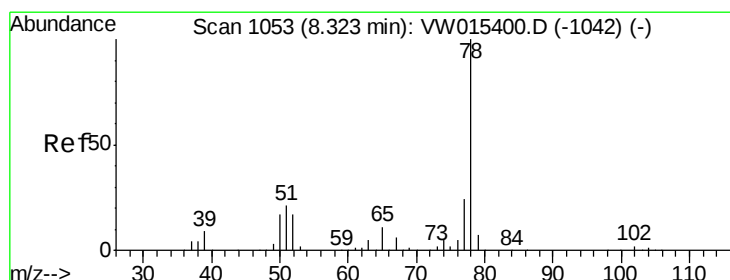
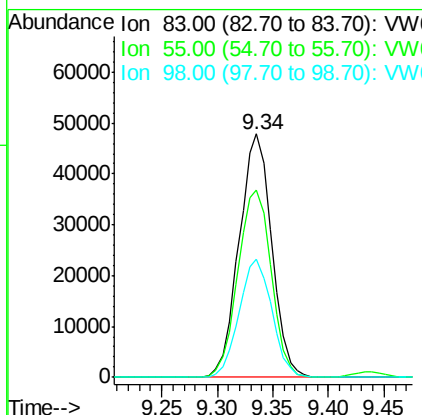
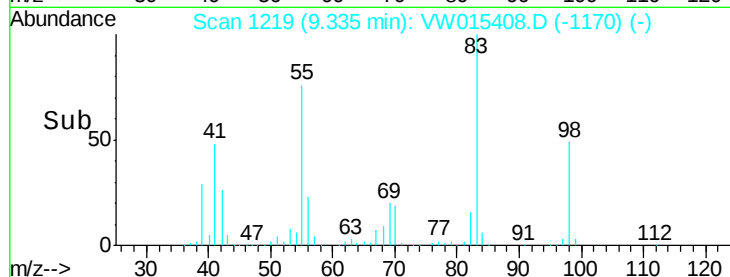
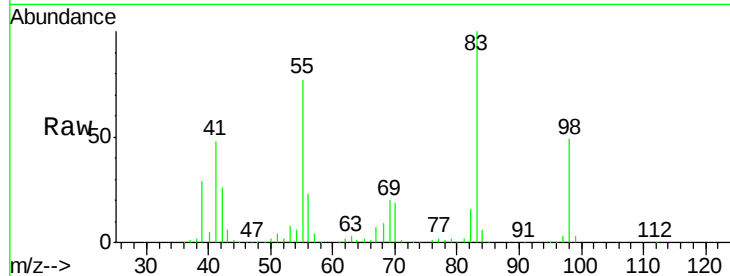
#39
Methvlcvclohexane
Concen: 20.472 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	83	Resp	97281
Ion Ratio	100	Lower	Upper
83	100		
55	76.7	61.9	92.9
98	48.6	38.2	57.2

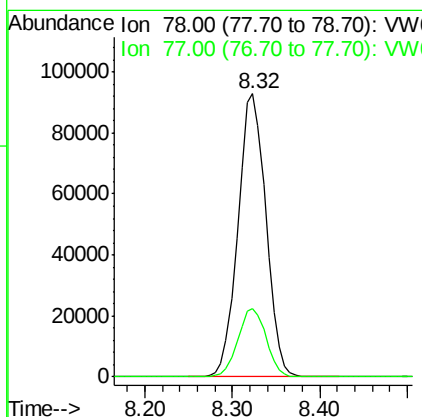
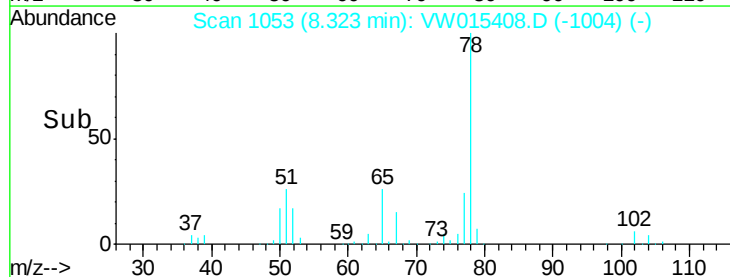
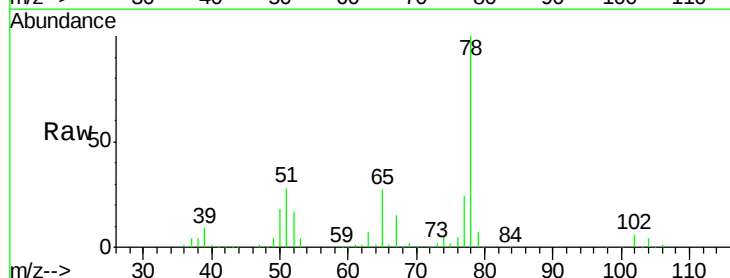
Manual Integrations
APPROVED

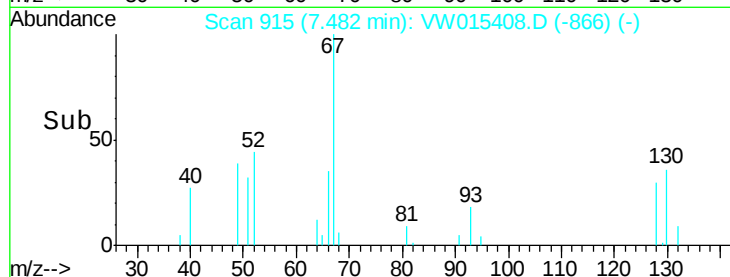
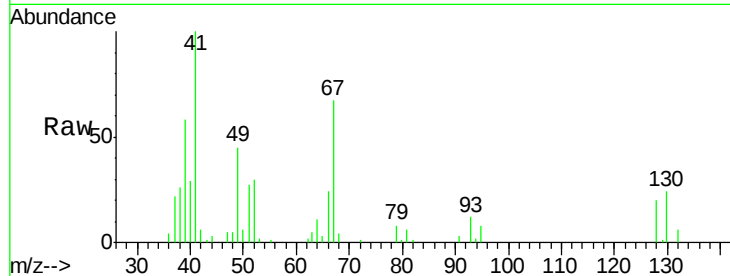
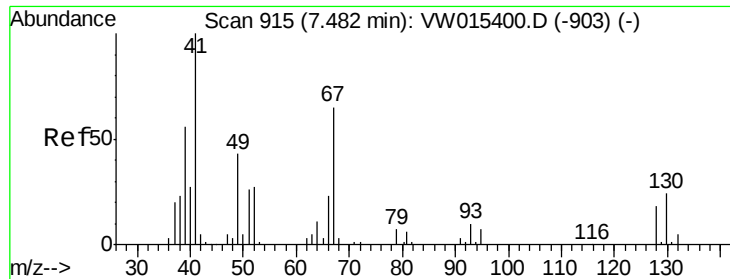
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5/7/2020 10:34:51 AM



#40
Benzene
Concen: 20.176 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	78	Resp	206574
Ion Ratio	100	Lower	Upper
78	100		
77	24.2	19.0	28.4





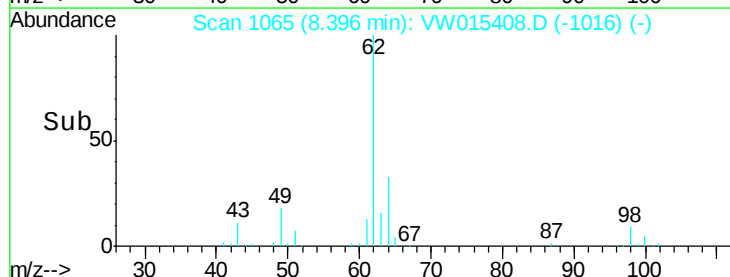
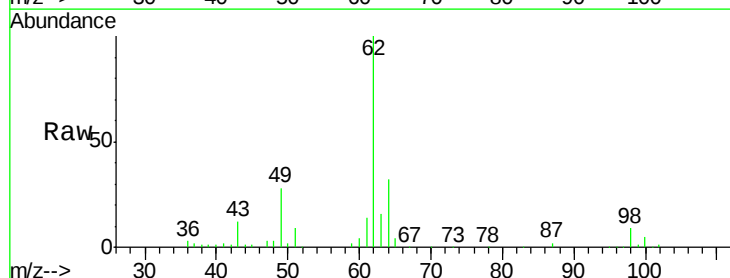
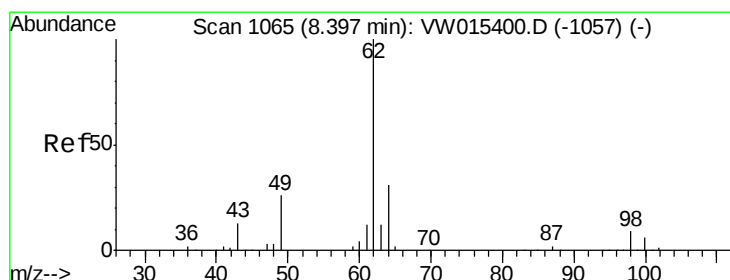
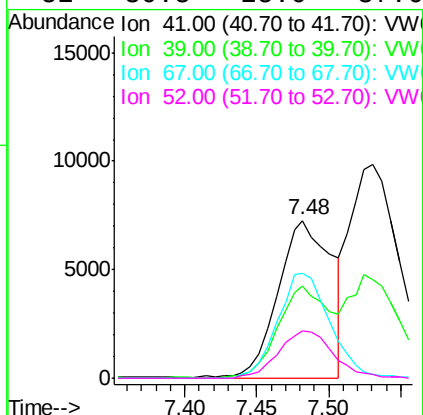
#41
Methacrylonitrile
Concen: 20.504 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tot Ion	41	Resp	18871
Ion	Ratio	Lower	Upper
41	100		
39	57.4	46.2	69.4
67	65.0	56.2	84.2
52	30.8	25.0	37.6

Instrument :
MSVOA_W
ClientSampled :
VW0506SBS01

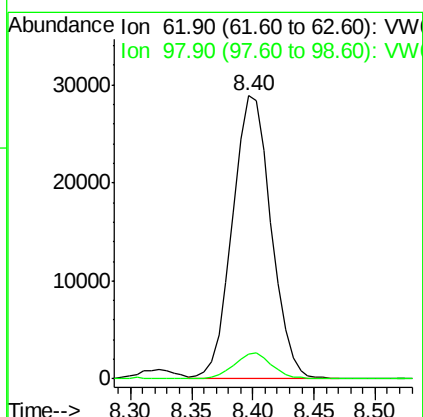
Manual Integrations
APPROVED

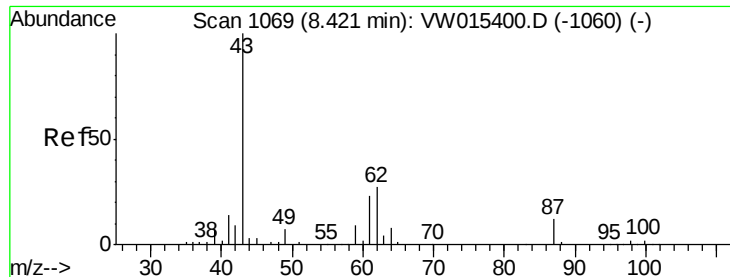
MMDadoda
5/7/2020 10:34:51 AM



#42
1,2-Dichloroethane
Concen: 20.349 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	62	Resp	63457
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.097 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

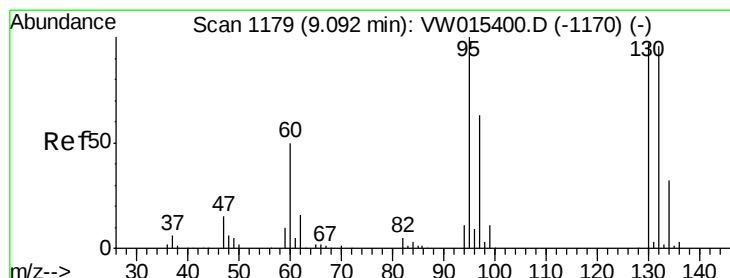
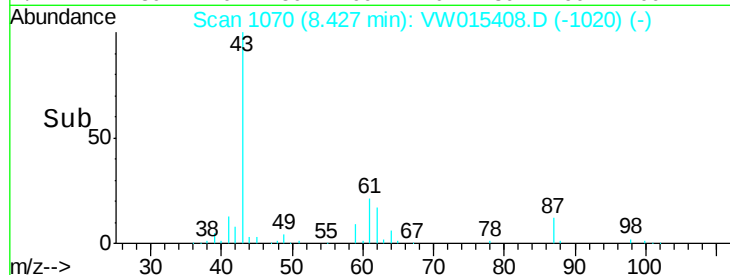
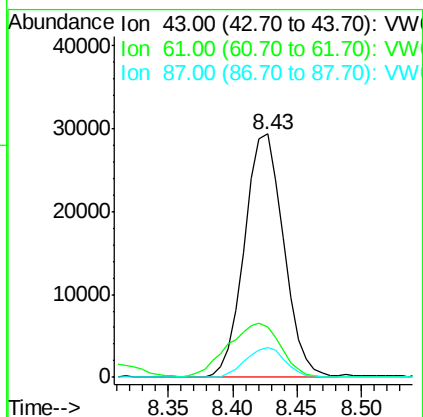
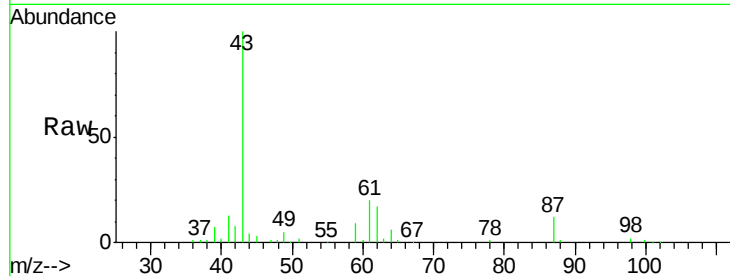
ClientSampleId :

VW0506SBS01

Tot Ion:	43	Resp:	61566
Ion	Ratio	Lower	Upper
43	100		
61	30.4	24.3	36.5
87	12.5	10.1	15.1

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#44

Trichloroethene

Concen: 19.997 ug/l

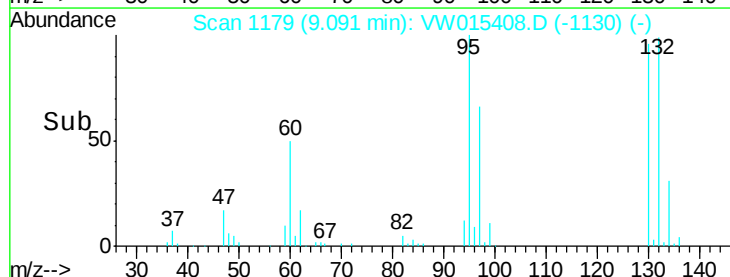
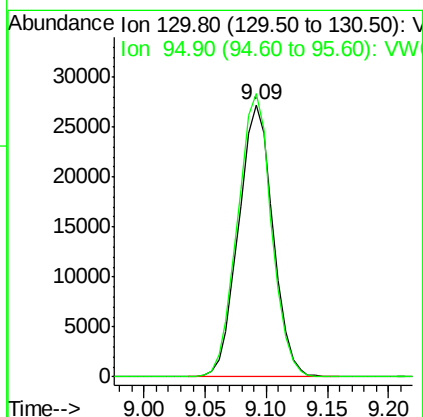
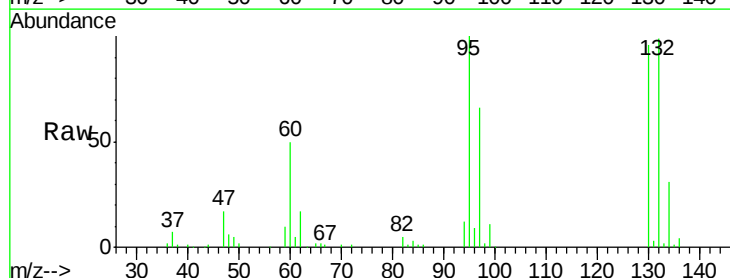
RT: 9.09 min Scan# 1179

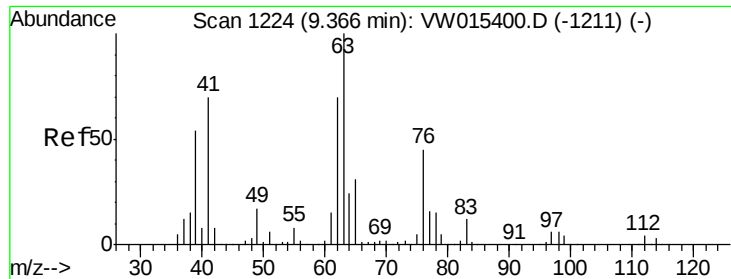
Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	130	Resp:	53064
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	205.8





#45

1,2-Dichloropropane

Concen: 20.494 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion: 63 Resp: 51834

Ion Ratio Lower Upper

63 100

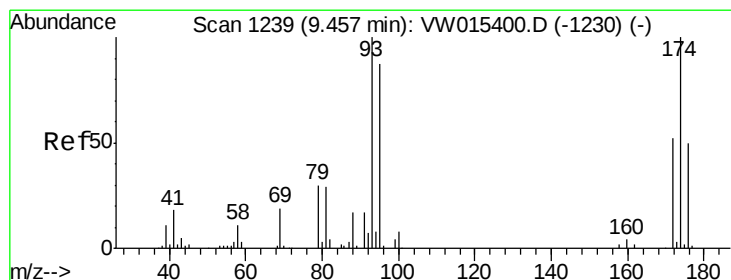
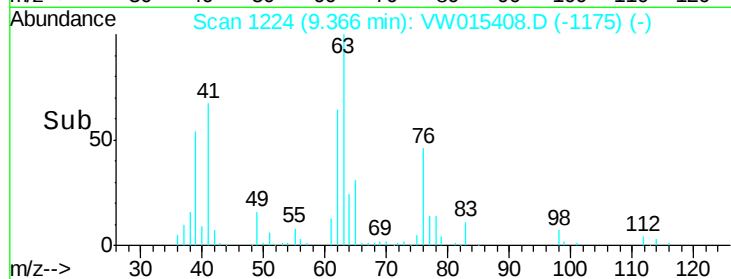
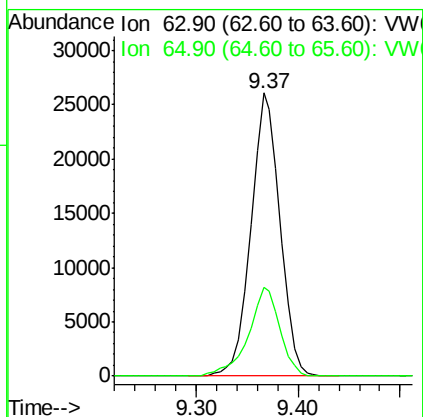
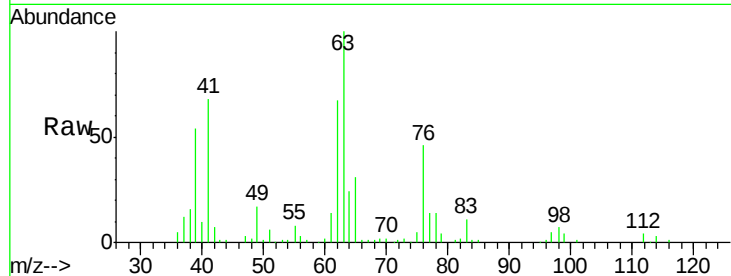
65 31.4 25.0 37.6

Manual Integrations

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MMDadoda

5/7/2020 10:34:51 AM



#46

Dibromomethane

Concen: 19.977 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

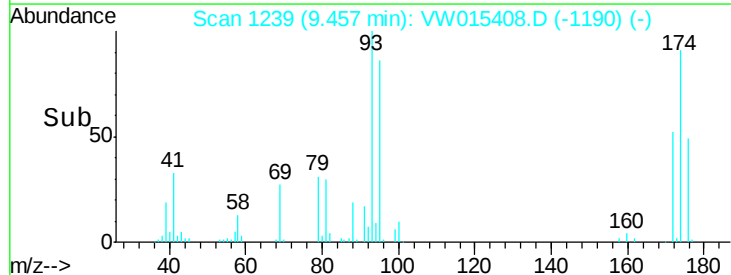
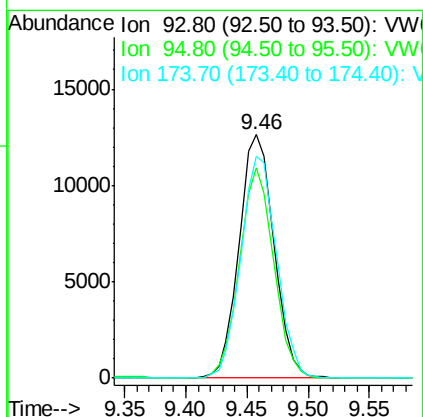
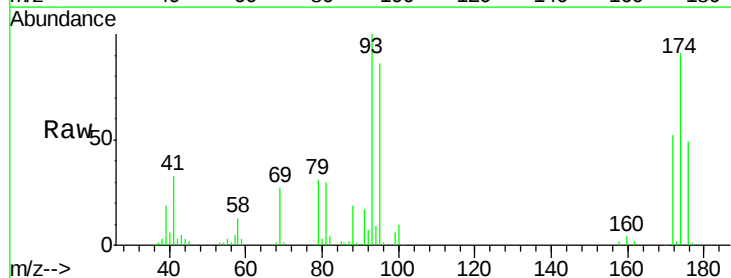
Tgt Ion: 93 Resp: 25130

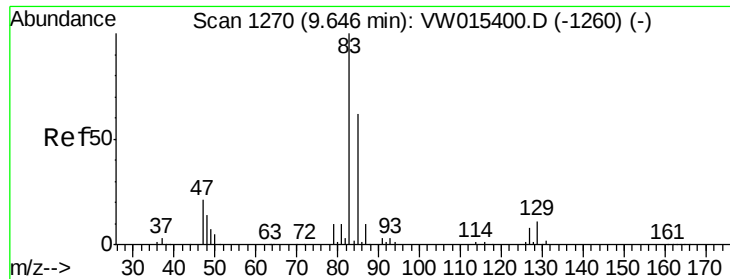
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.4

174 92.9 78.4 117.6





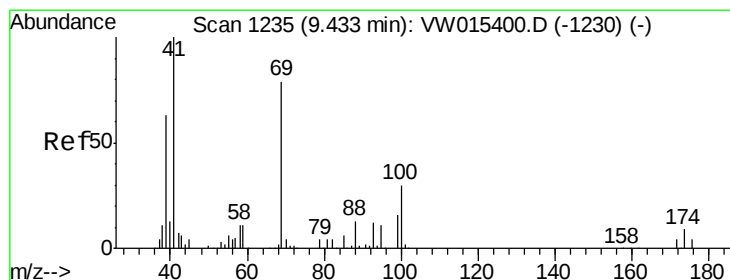
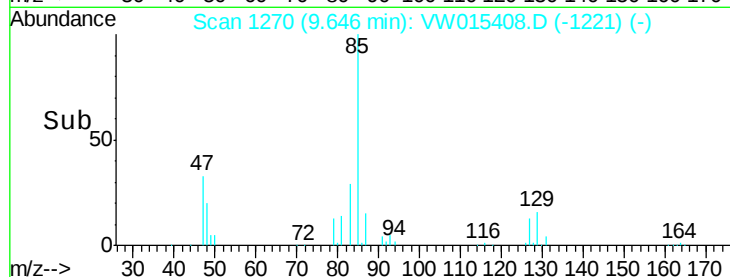
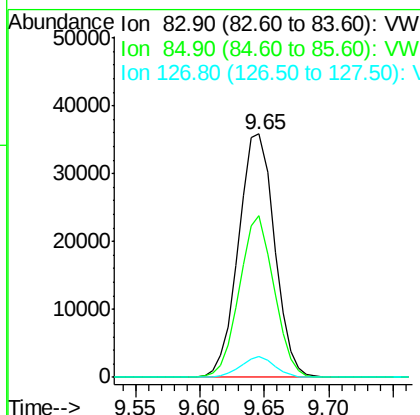
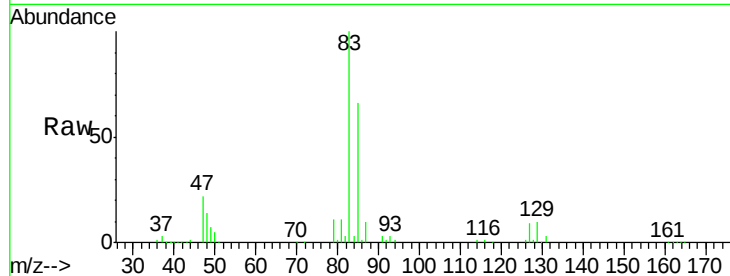
#47
 Bromodichloromethane
 Concen: 20.318 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion:	83	Resp:	69657
Ion Ratio	Lower	Upper	
83	100		
85	66.2	49.4	74.0
127	8.5	6.4	9.6

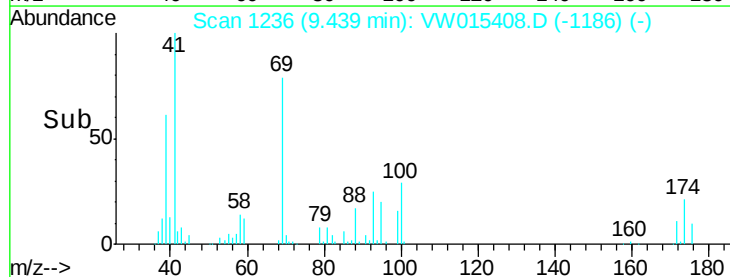
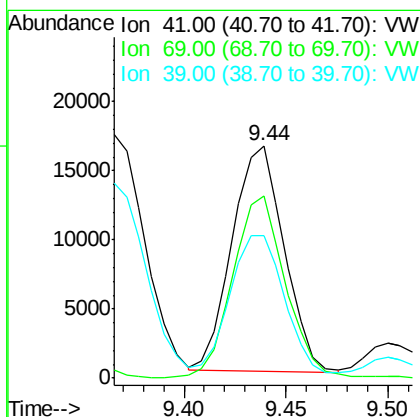
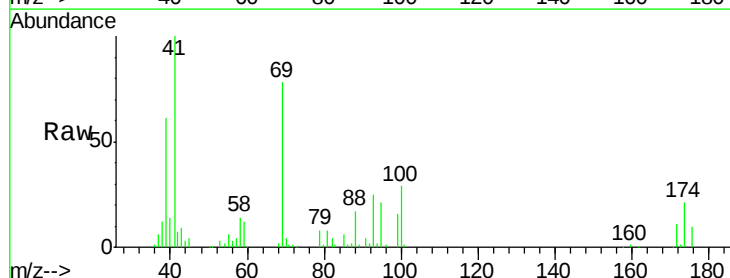
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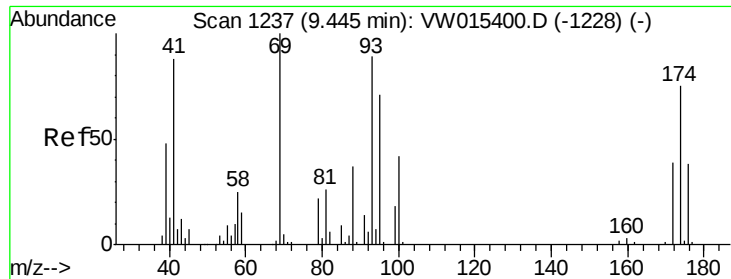
MMDadoda
 5/7/2020 10:34:51 AM



#48
 Methyl methacrylate
 Concen: 20.318 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion:	41	Resp:	28751
Ion Ratio	Lower	Upper	
41	100		
69	83.1	66.2	99.4
39	63.4	51.1	76.7





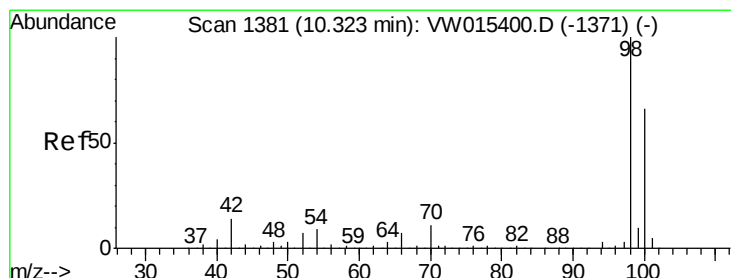
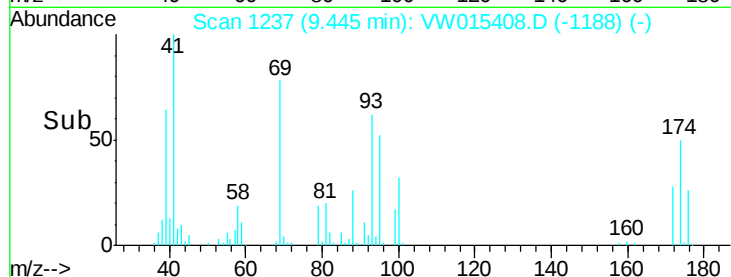
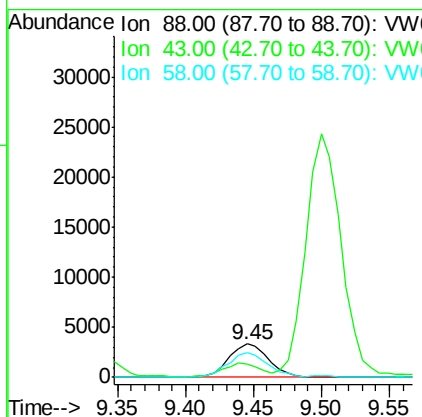
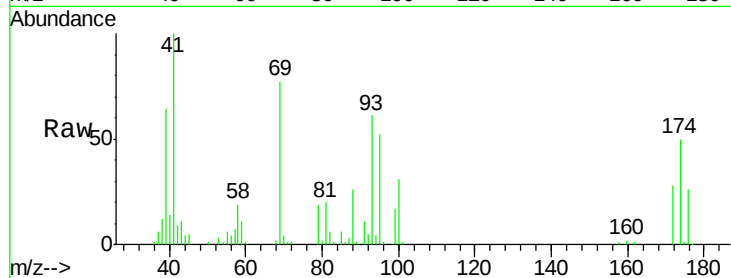
#49
 1,4-Dioxane
 Concen: 429.413 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.6	45.8
58	75.0	56.3	84.5

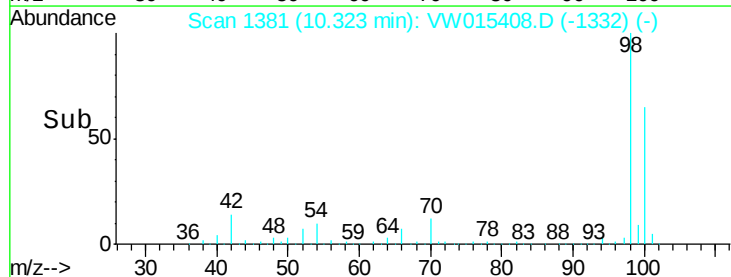
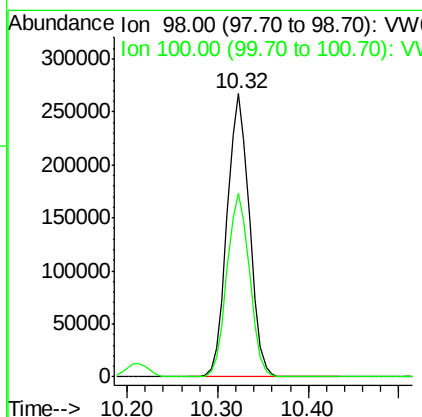
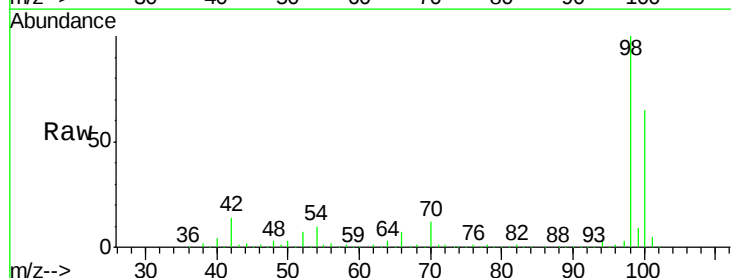
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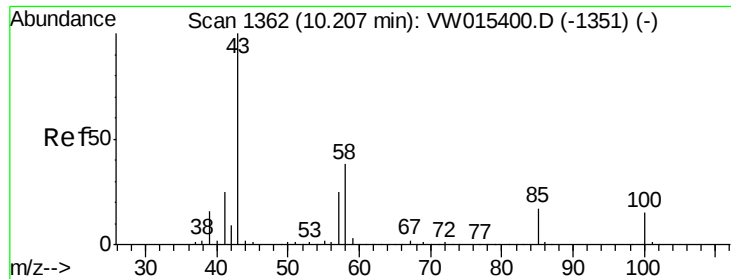
MMDadoda
 5/7/2020 10:34:51 AM



#50
 Toluene-d8
 Concen: 50.190 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 102.779 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion: 43 Resp: 147556

Ion Ratio Lower Upper

43 100

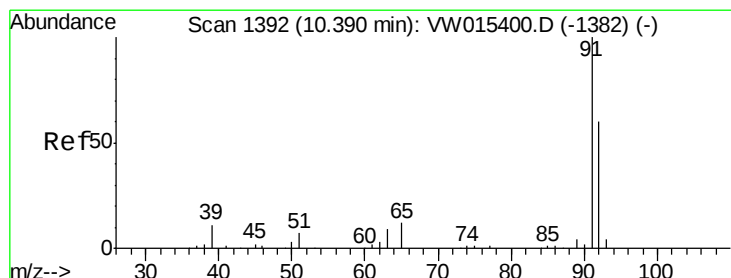
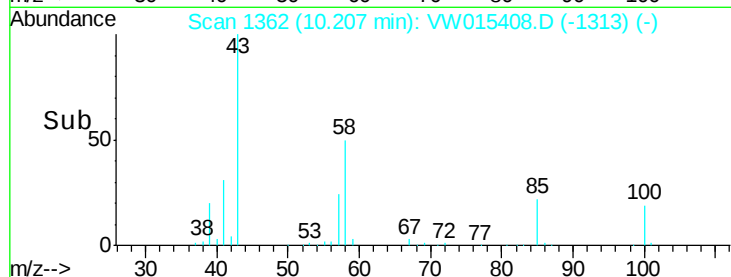
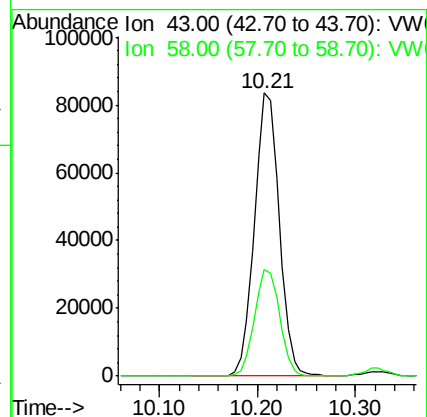
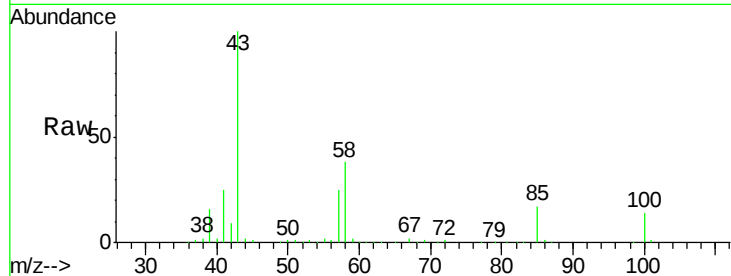
58 38.3 30.8 46.2

Manual Integrations

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MMDadoda

5/7/2020 10:34:51 AM



#52

Toluene

Concen: 20.045 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015408.D

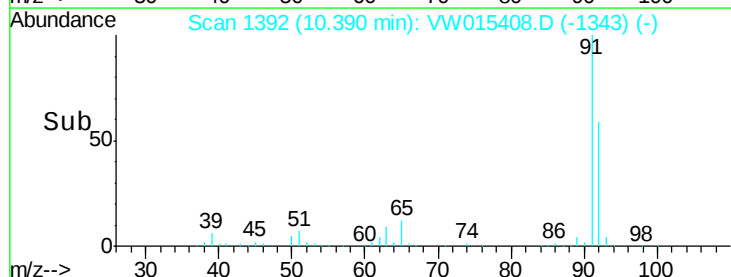
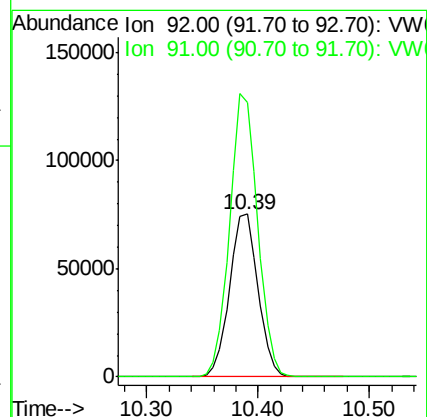
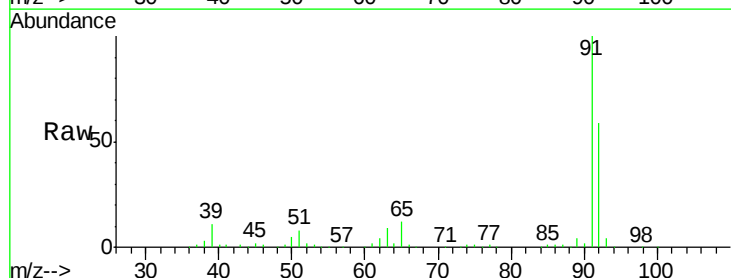
Acq: 06 May 2020 11:59

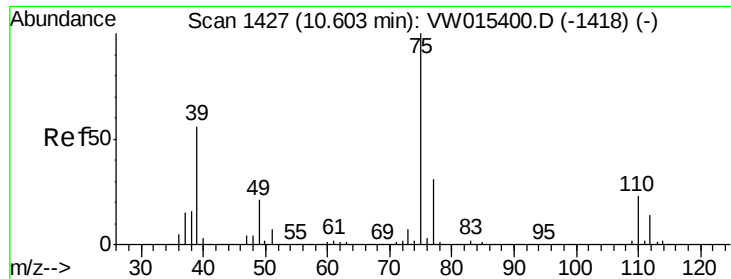
Tgt Ion: 92 Resp: 133369

Ion Ratio Lower Upper

92 100

91 170.8 135.9 203.9





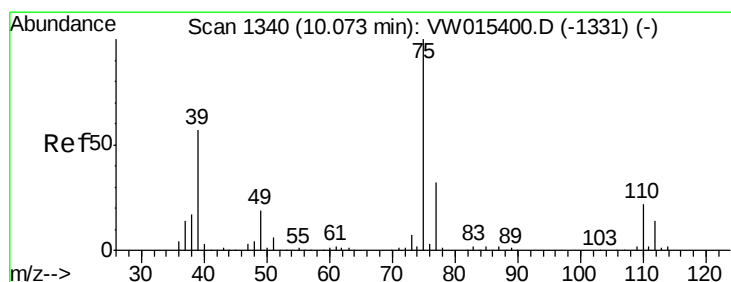
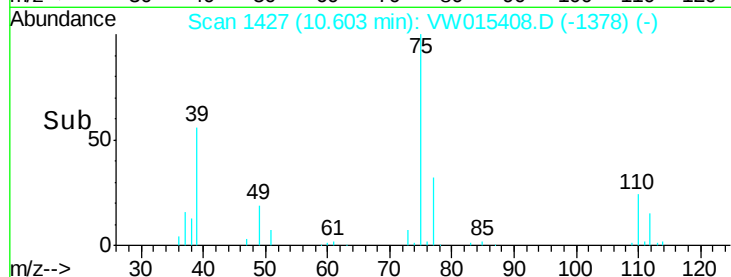
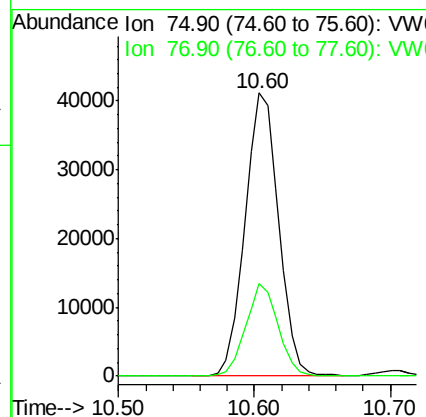
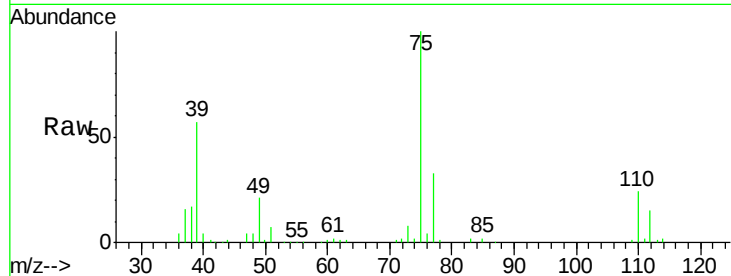
#53
 t-1,3-Dichloropropene
 Concen: 20.318 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion: 75 Resp: 71099
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3

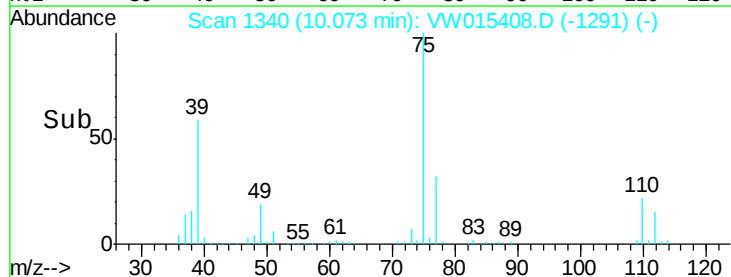
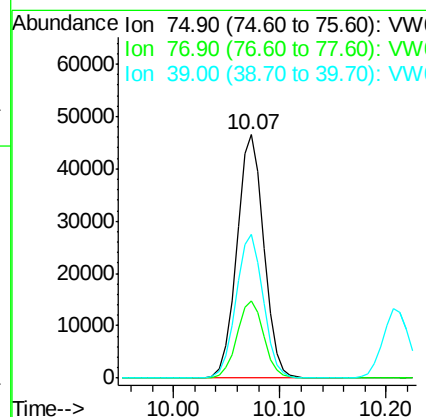
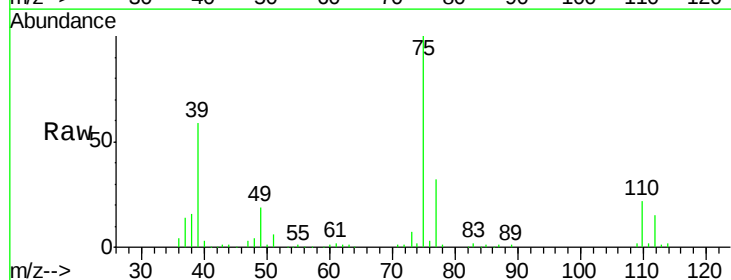
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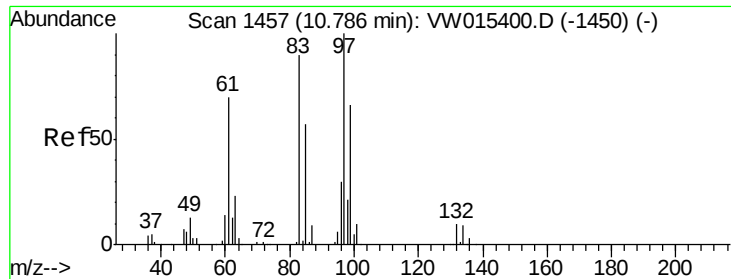
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 20.031 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion: 75 Resp: 82534
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 59.3 45.6 68.4





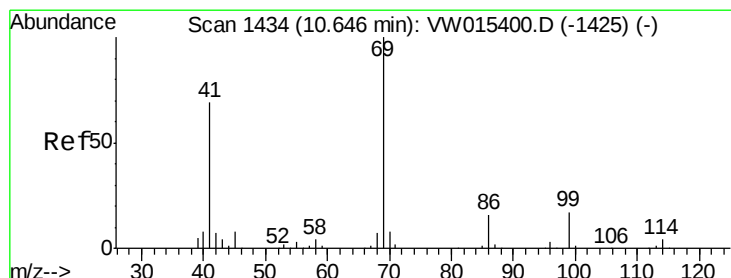
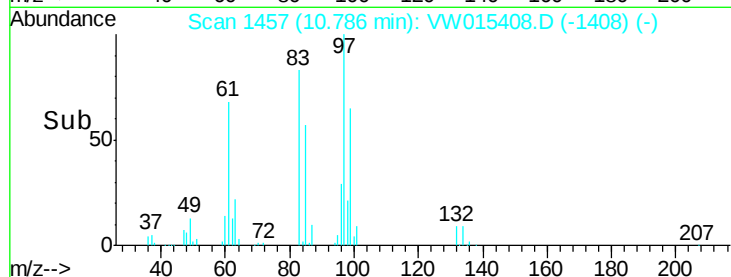
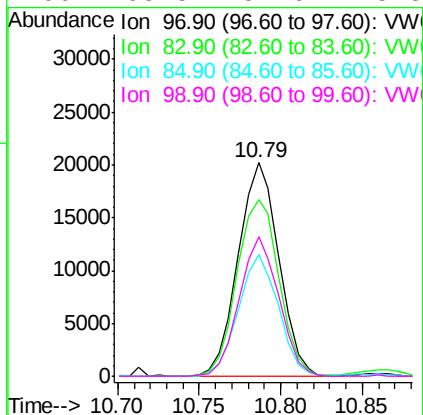
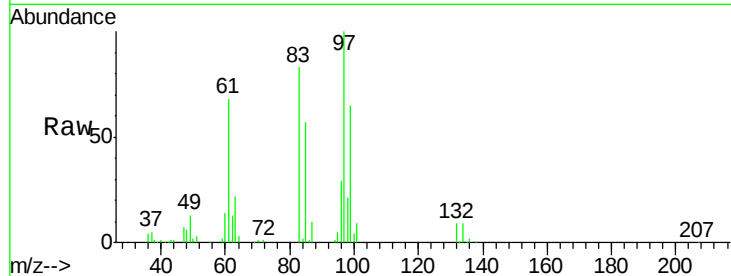
#55
 1,1,2-Trichloroethane
 Concen: 19.762 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion:	97	Resp:	35154
Ion	Ratio	Lower	Upper
97	100		
83	83.0	72.2	108.4
85	57.2	45.2	67.8
99	65.5	52.6	78.8

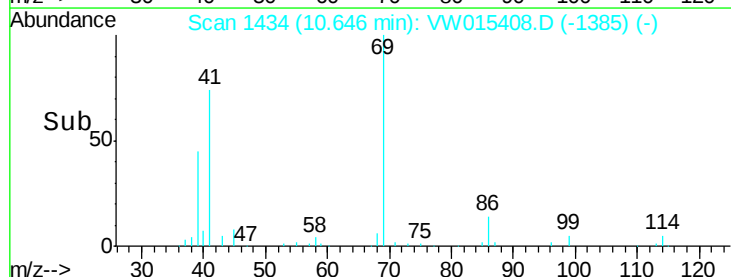
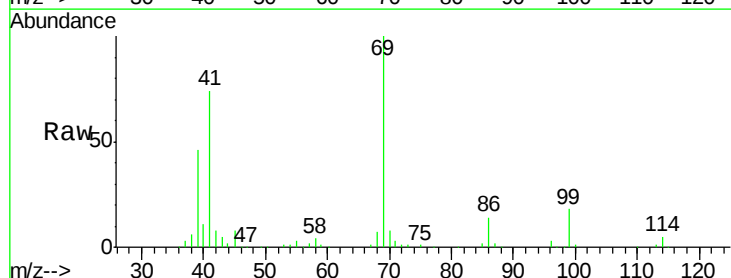
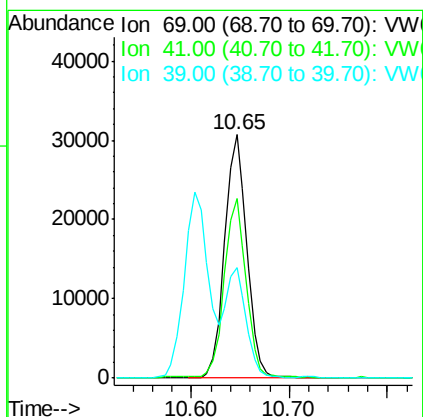
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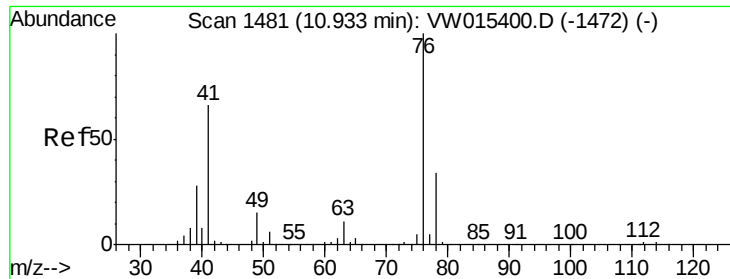
MMDadoda
 5/7/2020 10:34:51 AM



#56
 Ethyl methacrylate
 Concen: 19.835 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion:	69	Resp:	48478
Ion	Ratio	Lower	Upper
69	100		
41	71.6	55.3	82.9
39	41.3	31.9	47.9





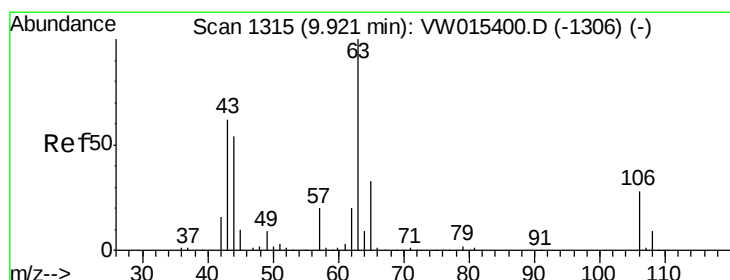
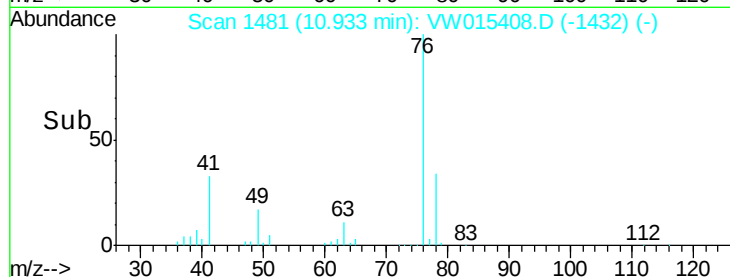
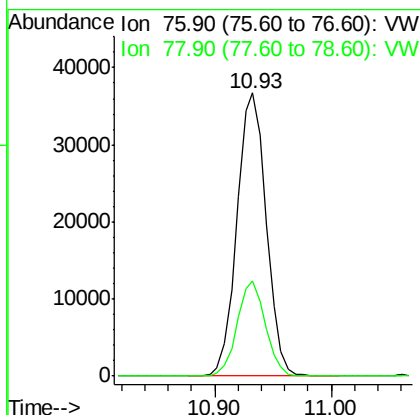
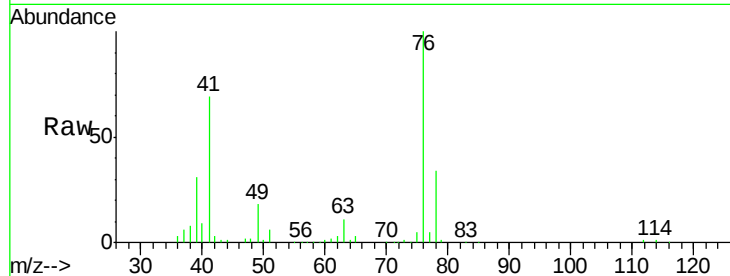
#57
 1,3-Dichloropropane
 Concen: 20.096 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion: 76 Resp: 64275
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5

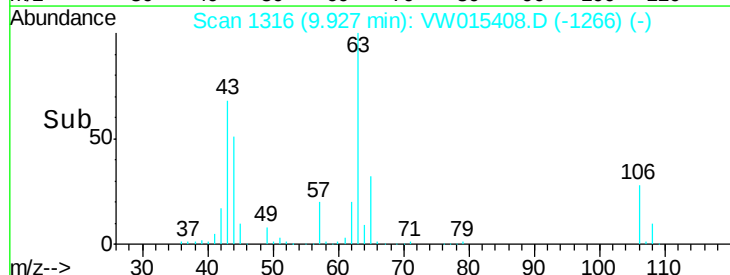
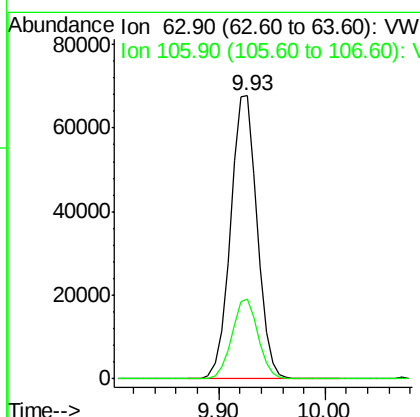
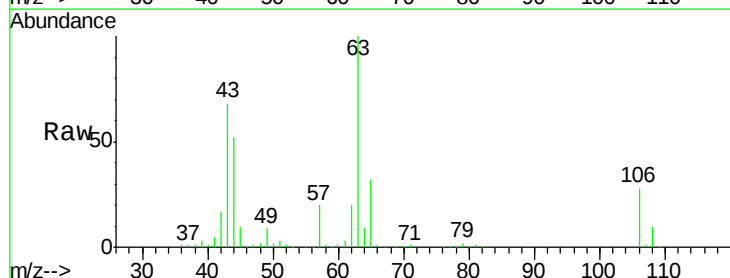
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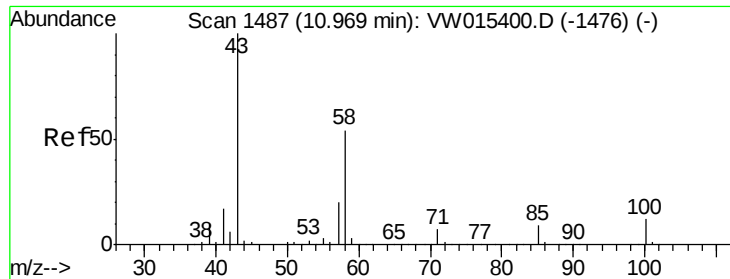
MMDadoda
 5/7/2020 10:34:51 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.829 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion: 63 Resp: 118704
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8





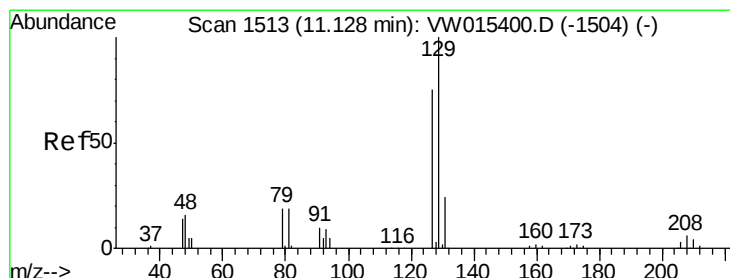
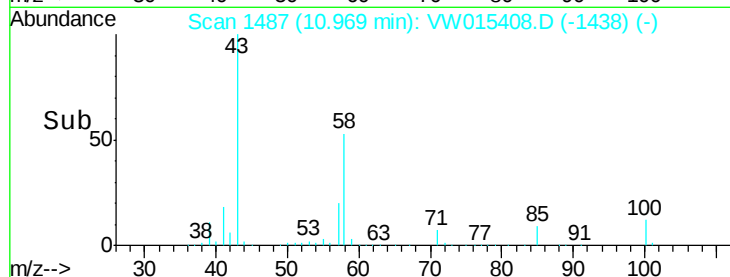
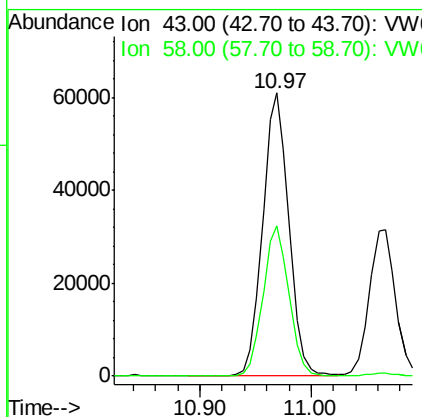
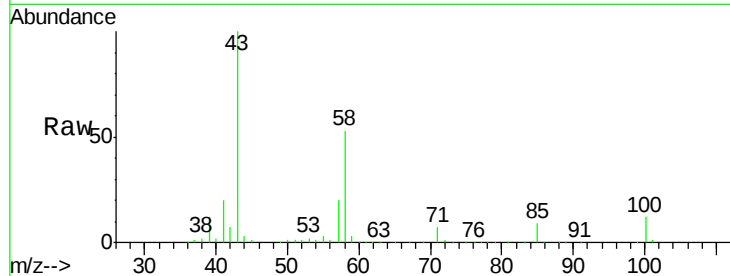
#59
2-Hexanone
Concen: 103.077 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion: 43 Resp: 100130
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.0

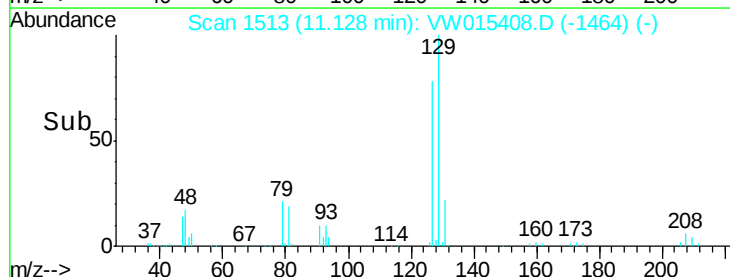
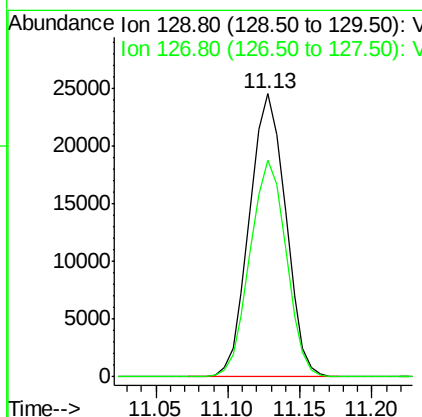
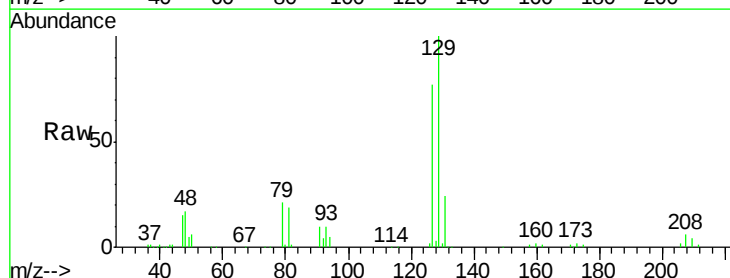
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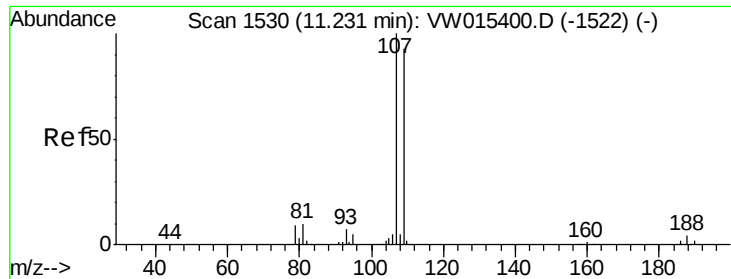
MMDadoda
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#60
Dibromochloromethane
Concen: 20.028 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion: 129 Resp: 42849
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





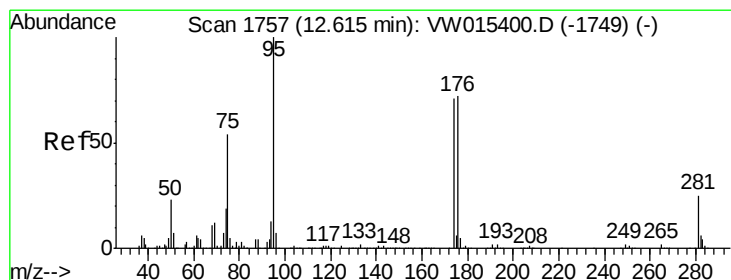
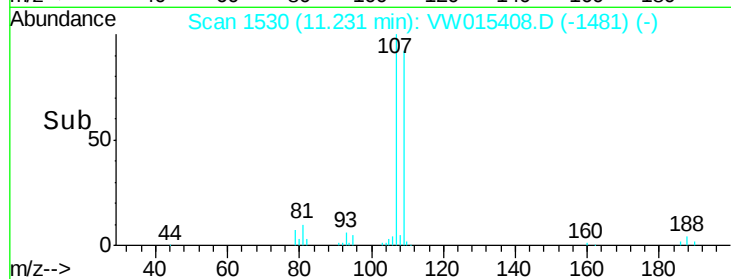
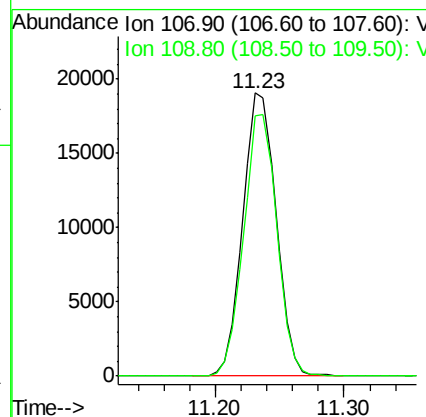
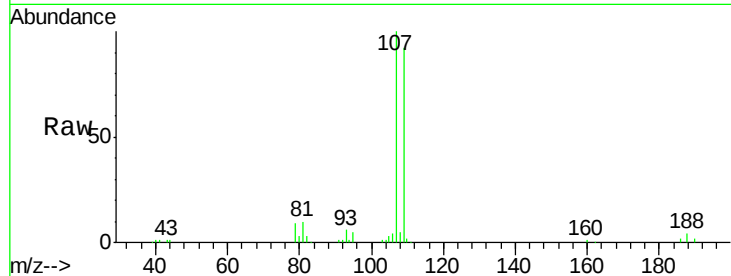
#61
 1,2-Dibromoethane
 Concen: 20.299 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.0	112.4

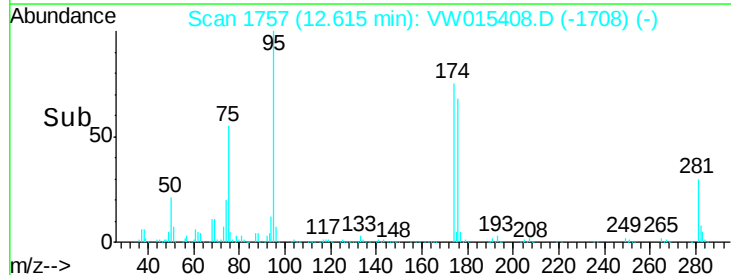
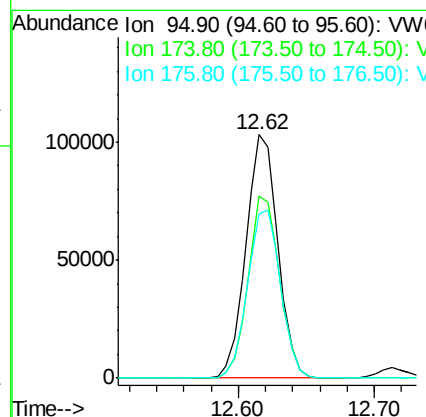
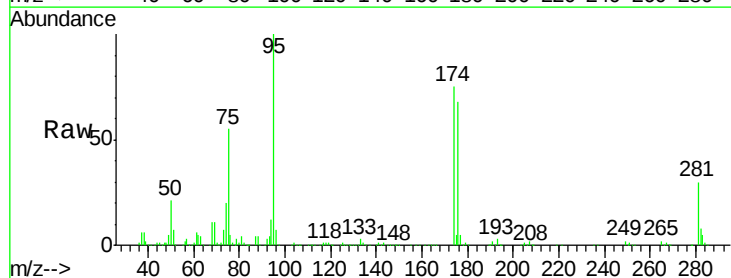
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 5/7/2020 10:34:51 AM



#62
 4-Bromofluorobenzene
 Concen: 50.334 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.6
176	71.4	0.0	144.4





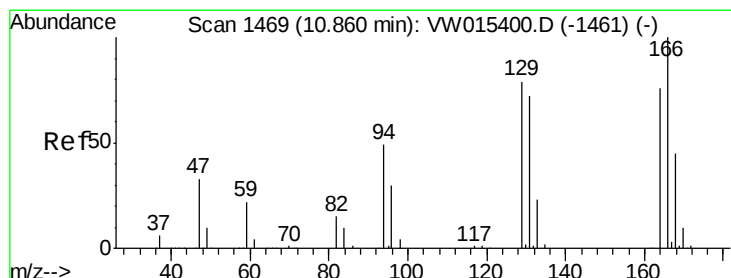
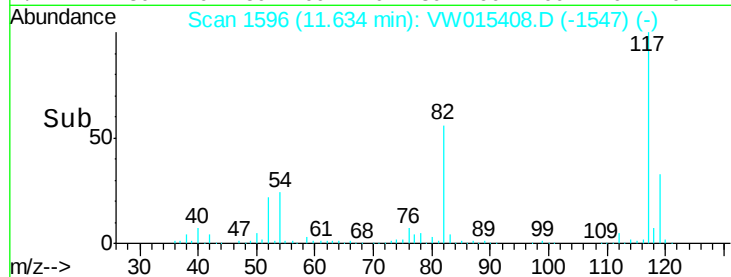
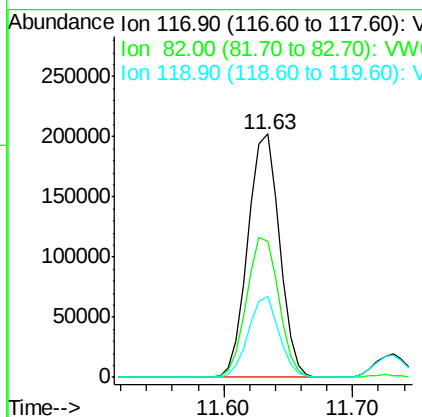
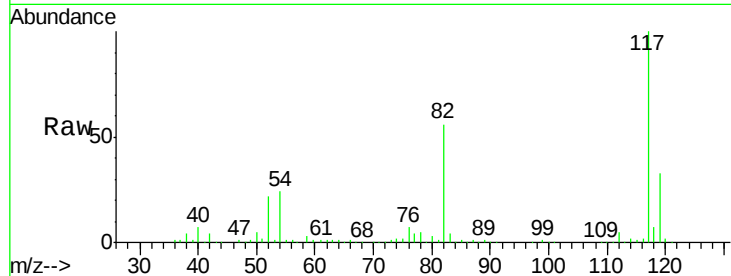
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampled :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.4	69.6
119	33.3	24.6	37.0

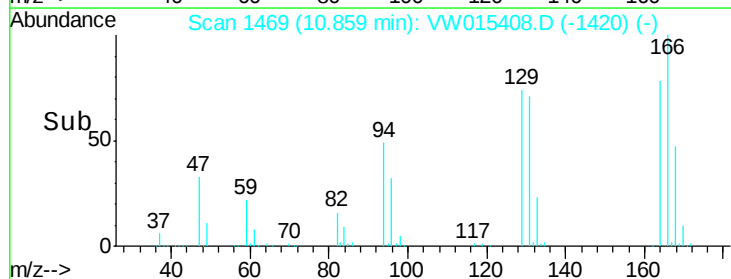
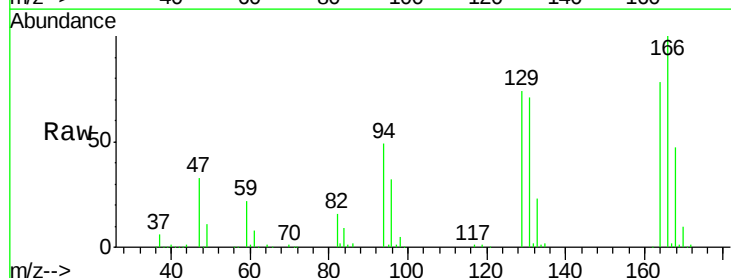
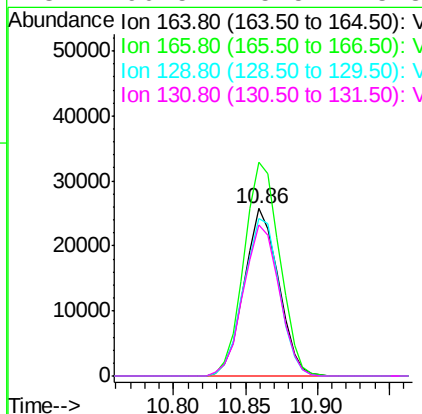
Manual Integrations
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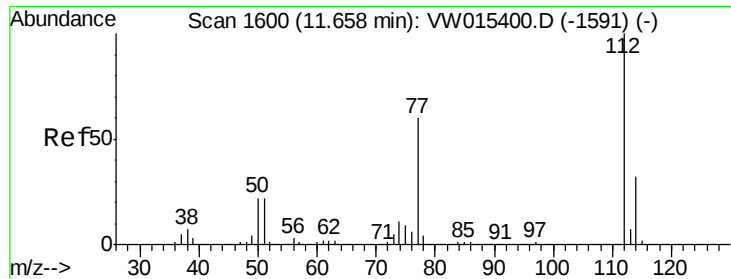
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#64
Tetrachloroethene
Concen: 20.372 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	104.9	157.3
129	93.9	82.7	124.1
131	90.5	75.5	113.3





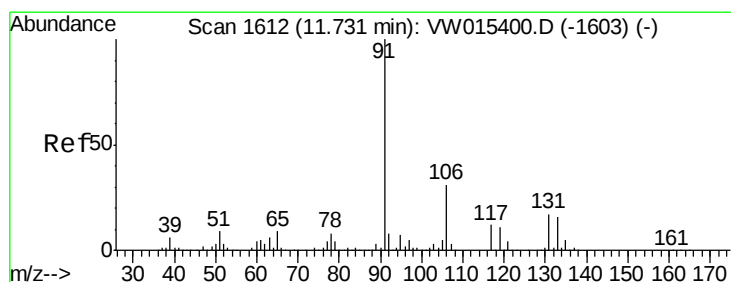
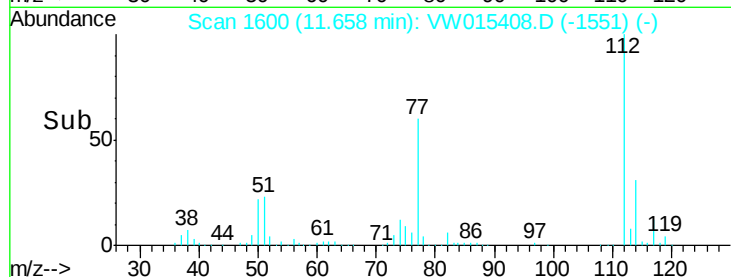
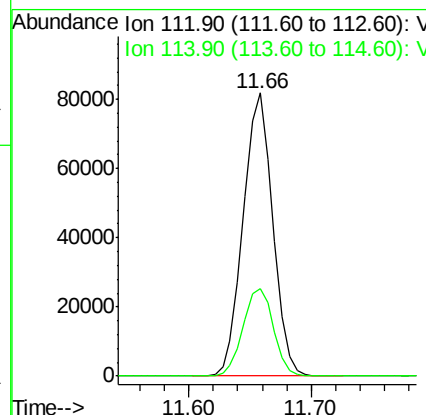
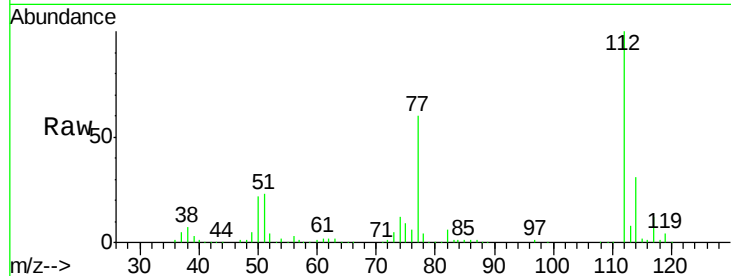
#65
Chlorobenzene
Concen: 20.242 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion:112 Resp: 136922
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4

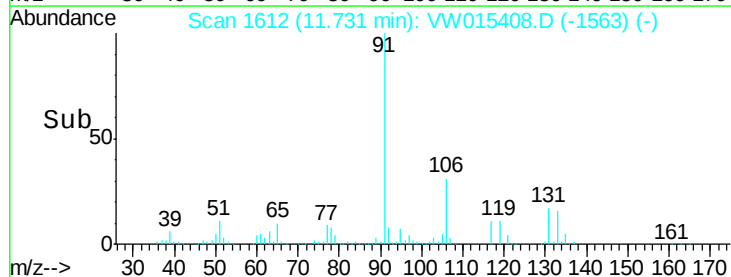
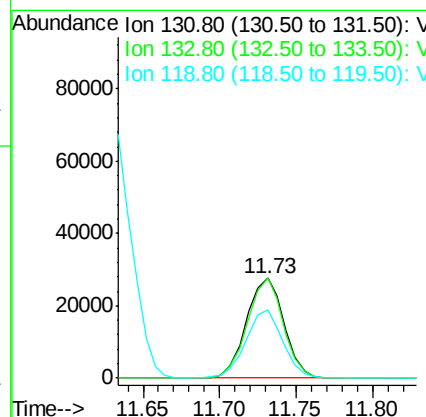
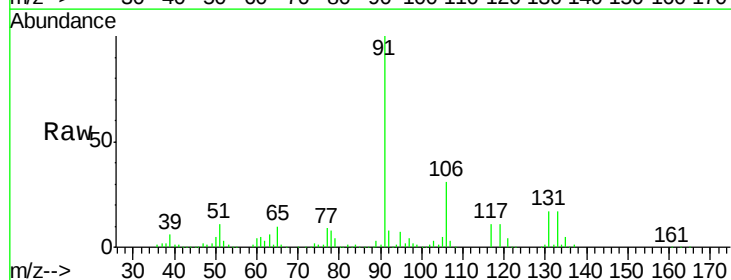
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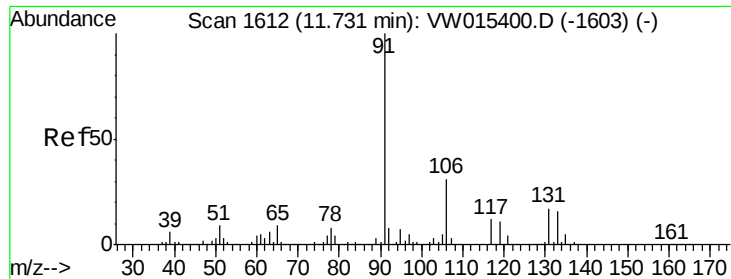
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion:131 Resp: 47189
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.8
119 66.7 33.0 99.0





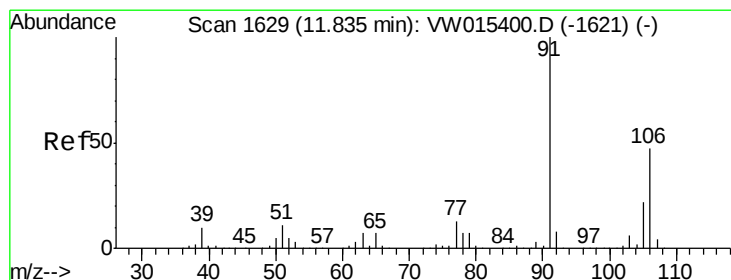
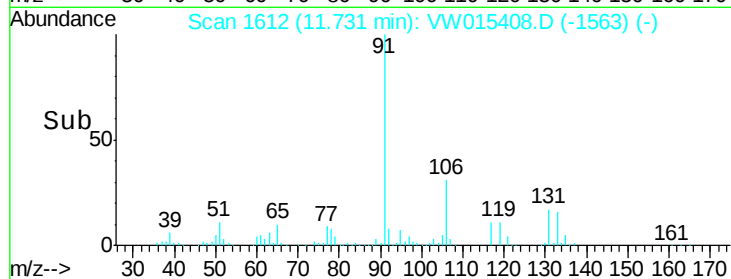
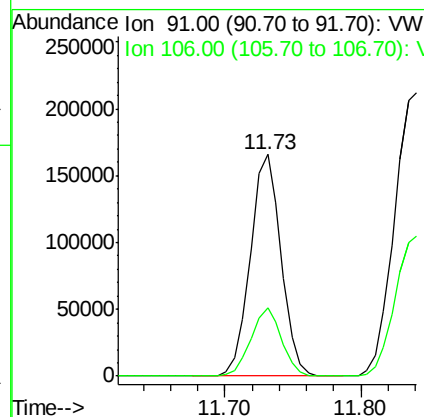
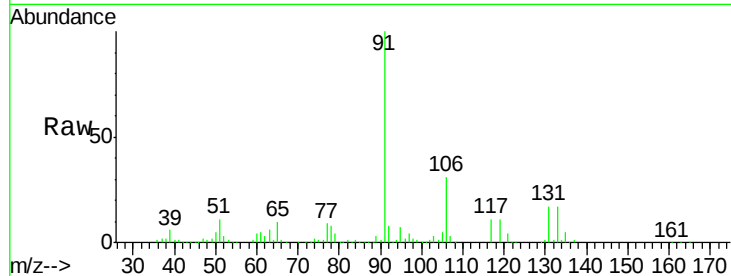
#67
Ethyl Benzene
Concen: 20.285 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion: 91 Resp: 262635
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

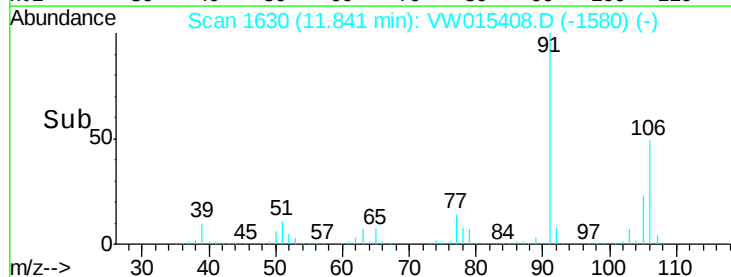
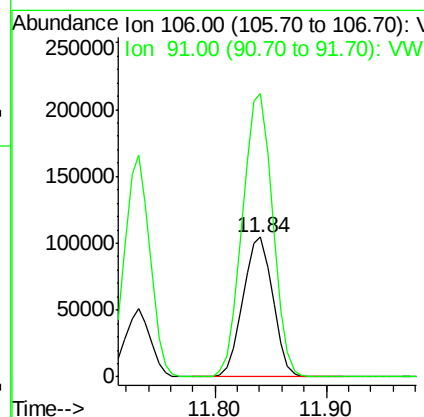
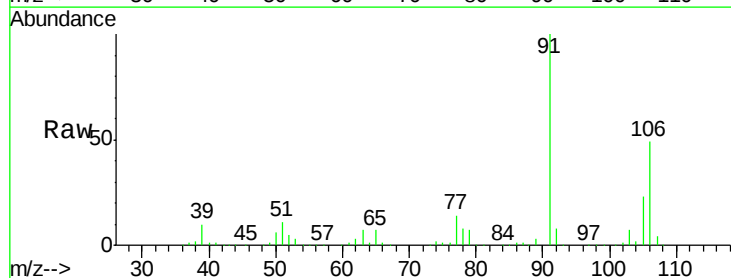
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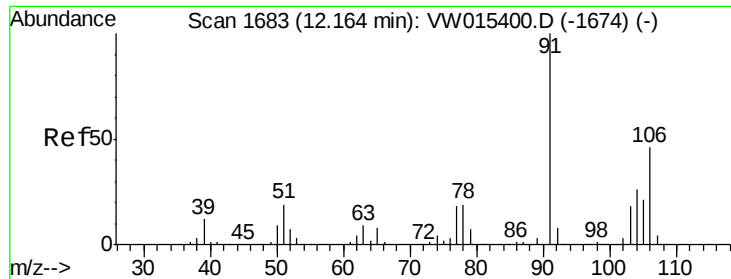
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#68
m/p-Xylenes
Concen: 40.484 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion:106 Resp: 194882
Ion Ratio Lower Upper
106 100
91 205.1 165.7 248.5





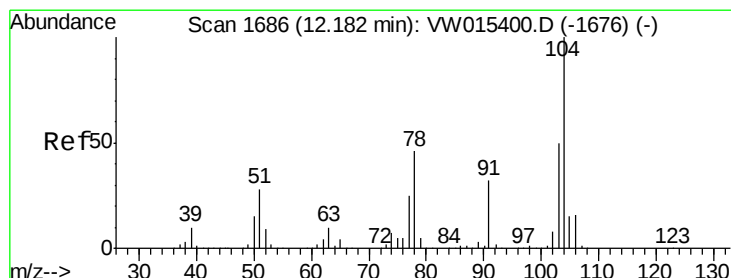
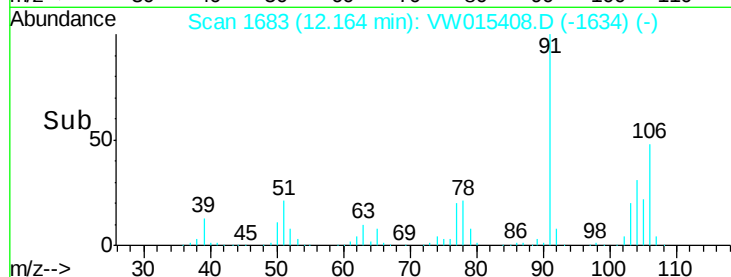
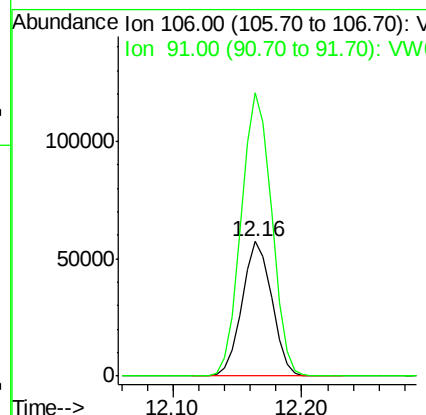
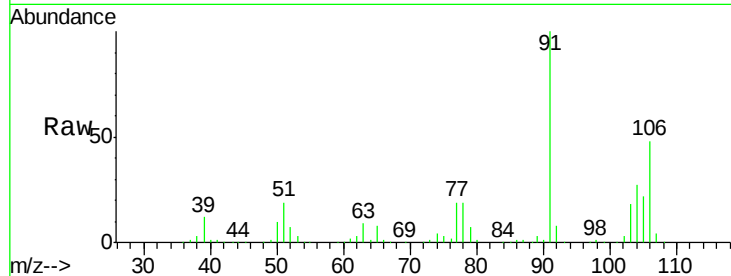
#69
o-Xylene
Concen: 20.265 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion:106 Resp: 91671
Ion Ratio Lower Upper
106 100
91 215.2 109.0 327.0

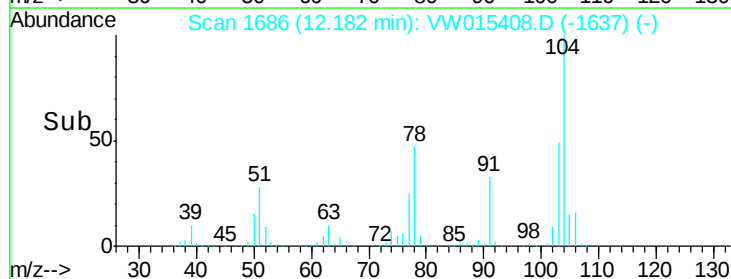
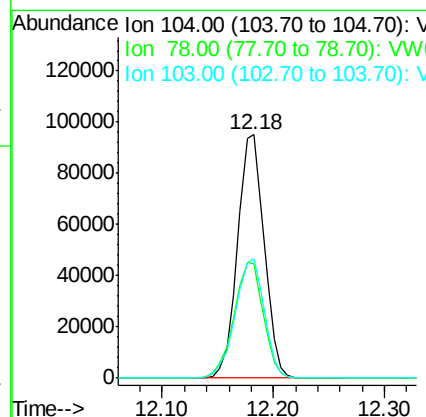
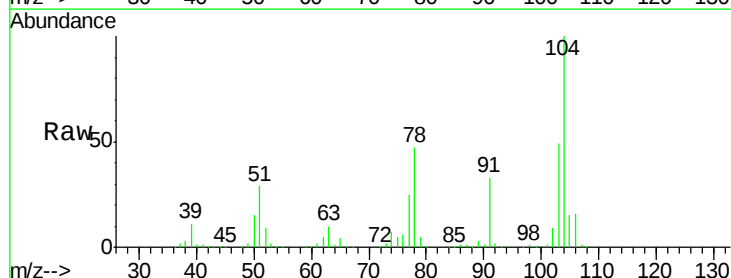
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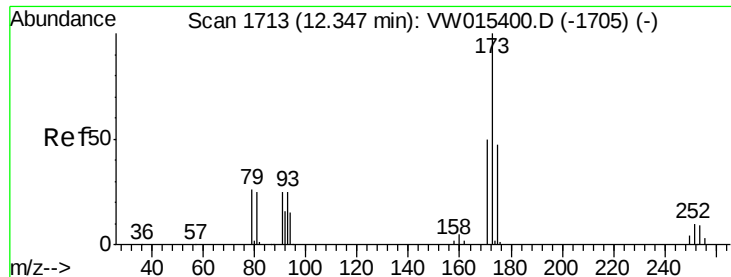
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#70
Styrene
Concen: 20.249 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion:104 Resp: 157752
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 53.5 43.6 65.4





#71

Bromoform

Concen: 20.277 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

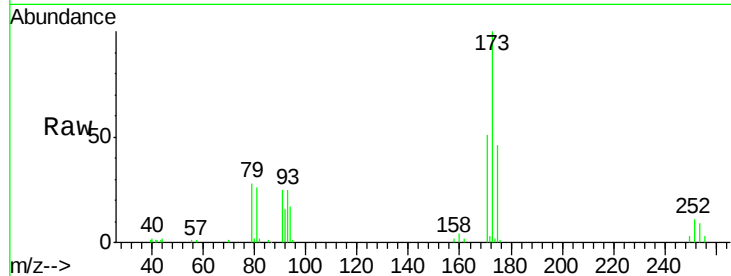
ClientSampleId :

VW0506SBS01

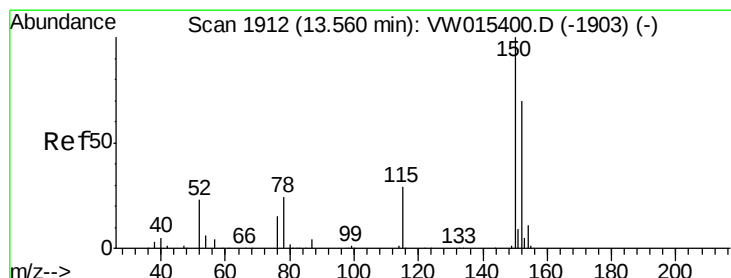
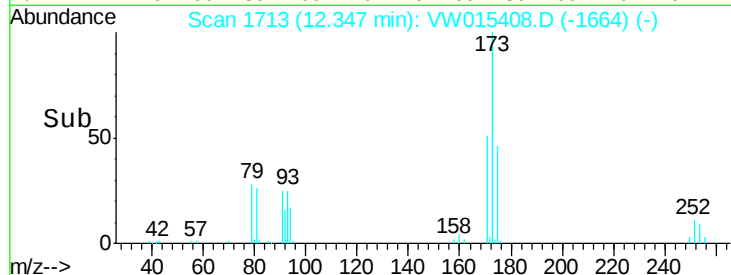
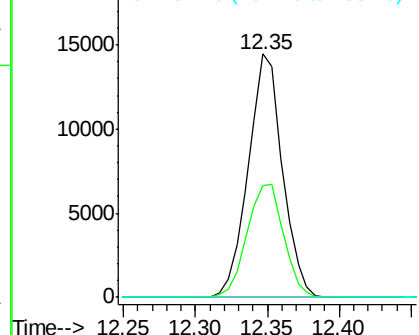
Tot Ion:	173	Resp:	23716
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.8	71.4
254	0.0	0.0	0.0

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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

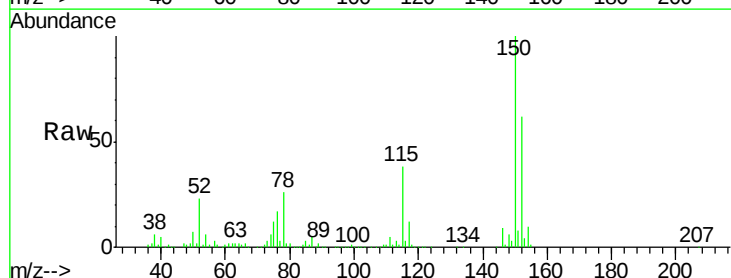
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

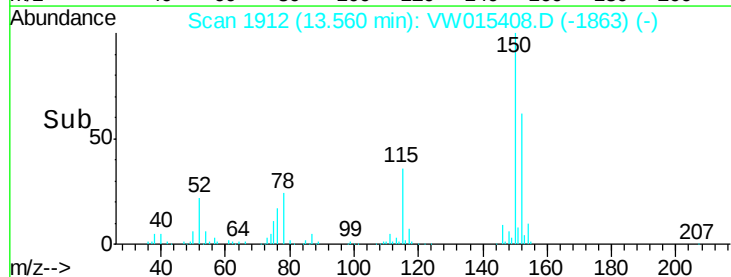
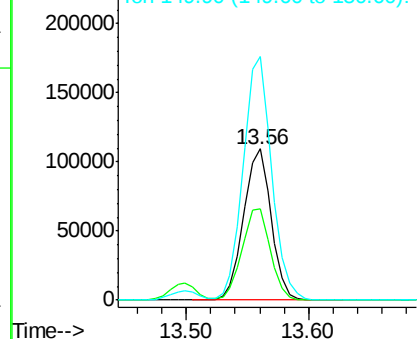
Lab File: VW015408.D

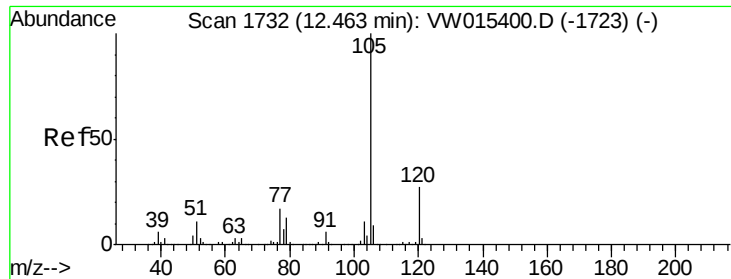
Acq: 06 May 2020 11:59

Tgt Ion:	152	Resp:	169930
Ion Ratio	Lower	Upper	
152	100		
115	61.9	30.3	90.8
150	166.9	0.0	344.4



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





#73

Isopropylbenzene

Concen: 20.275 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion:105 Resp: 257218

Ion Ratio Lower Upper

105 100

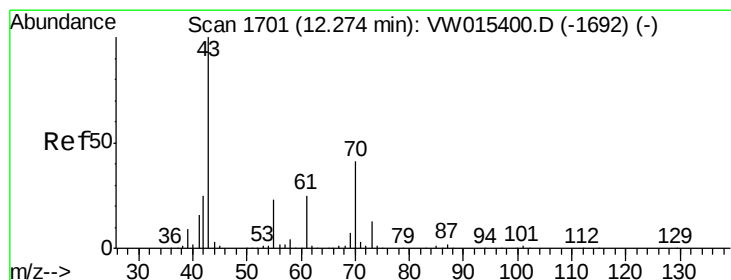
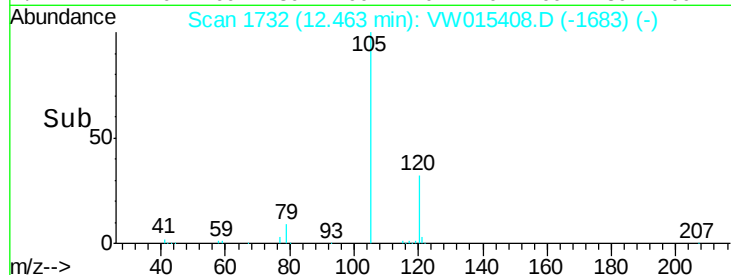
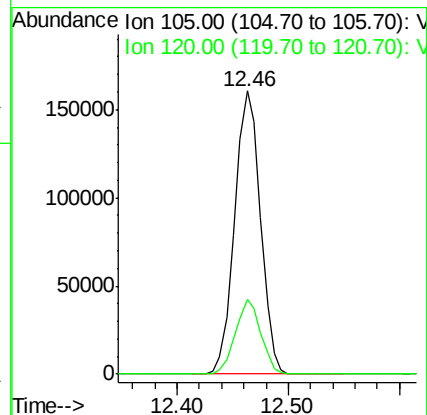
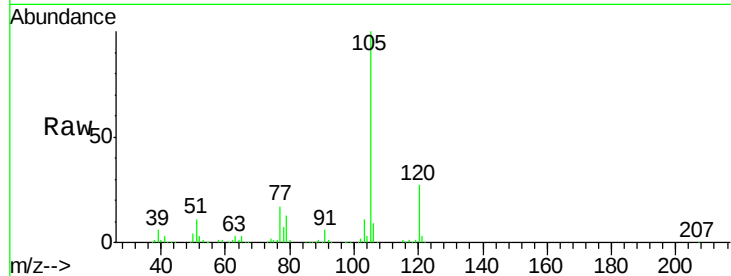
120 25.8 13.1 39.3

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#74

N-ethyl acetate

Concen: 20.403 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion: 43 Resp: 61184

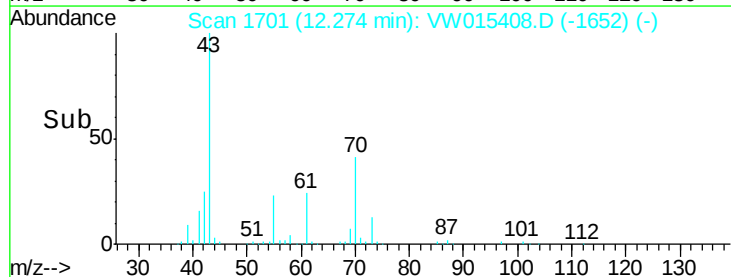
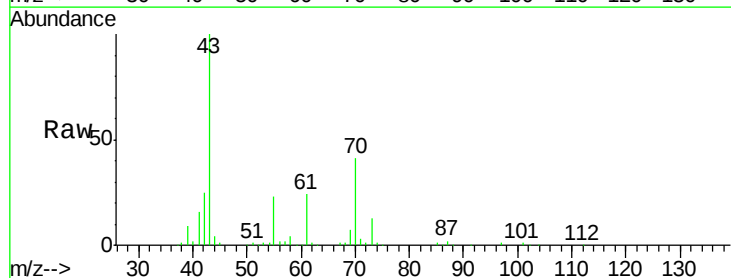
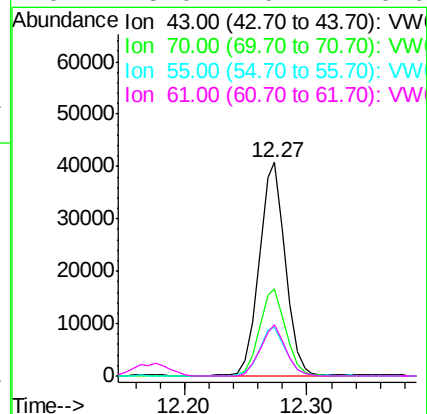
Ion Ratio Lower Upper

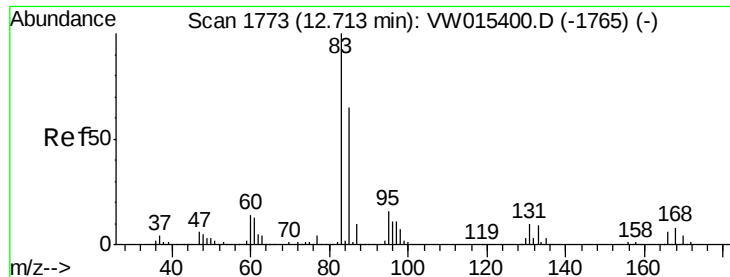
43 100

70 40.8 33.4 50.0

55 23.2 18.9 28.3

61 23.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.476 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

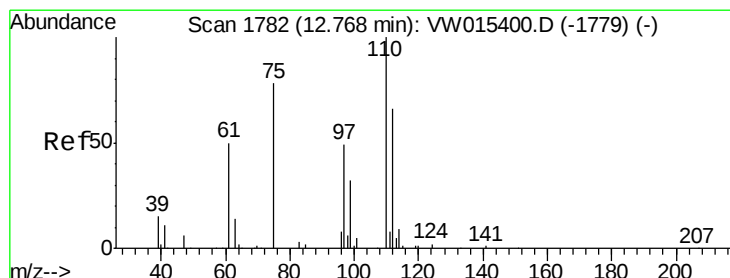
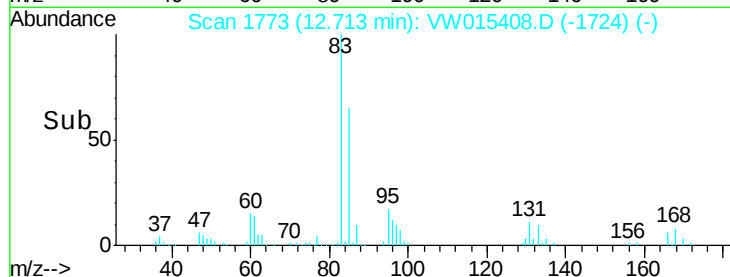
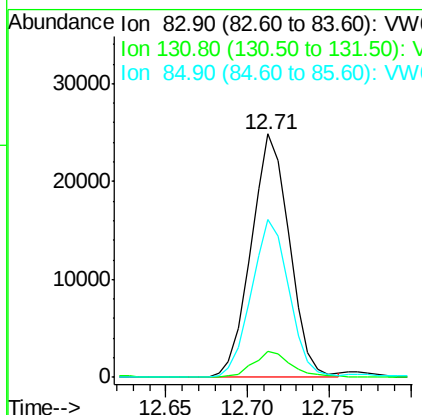
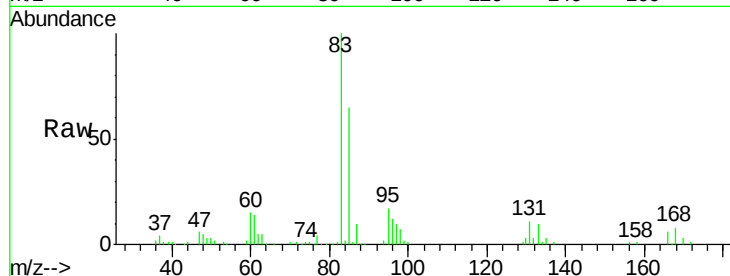
ClientSampleId :

VW0506SBS01

Tot Ion:	83	Resp:	40636
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.2
85	63.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 19.402 ug/l m

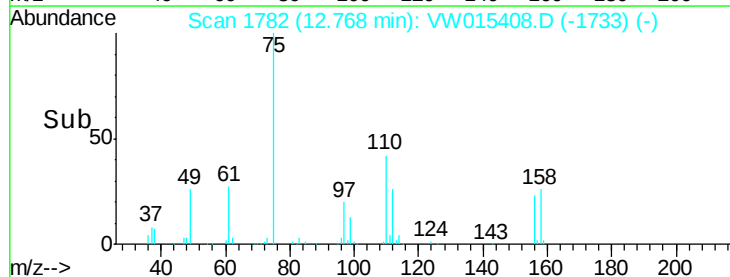
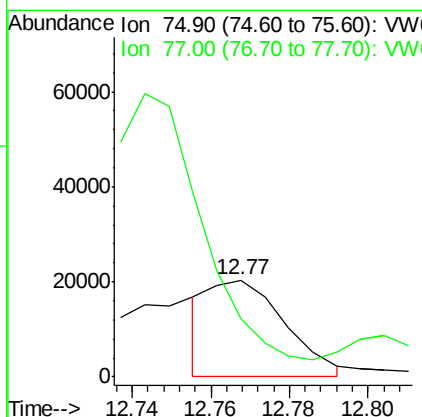
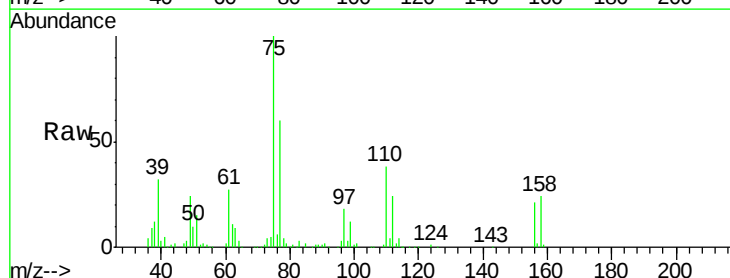
RT: 12.77 min Scan# 1782

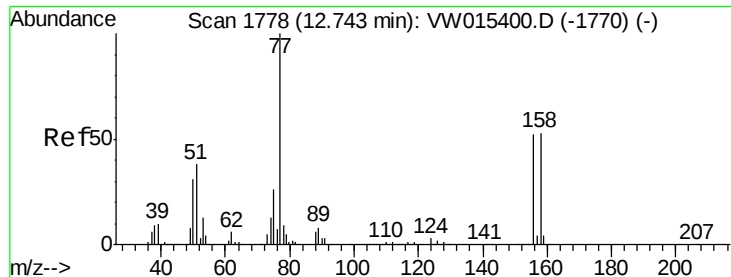
Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	75	Resp:	27123
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





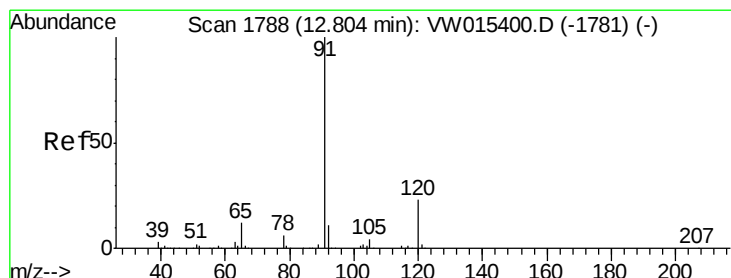
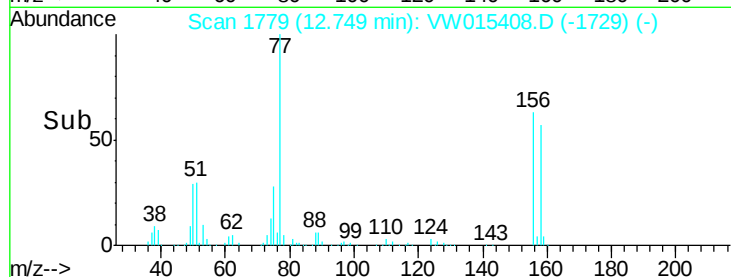
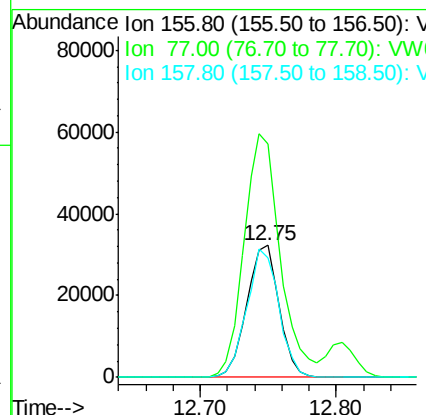
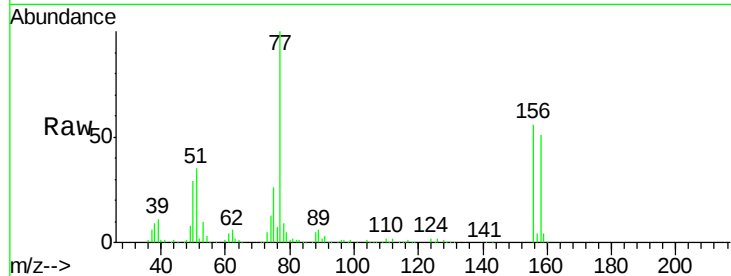
#77
Bromobenzene
Concen: 19.941 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.4	101.8	305.6
158	96.6	48.3	144.8

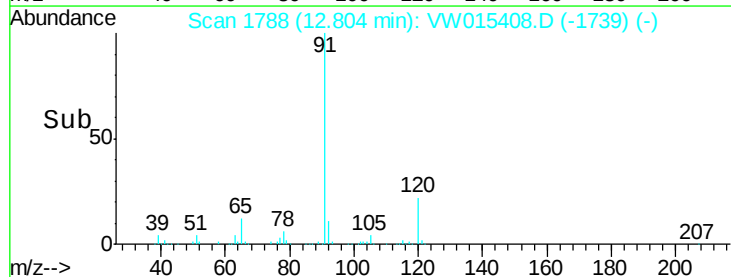
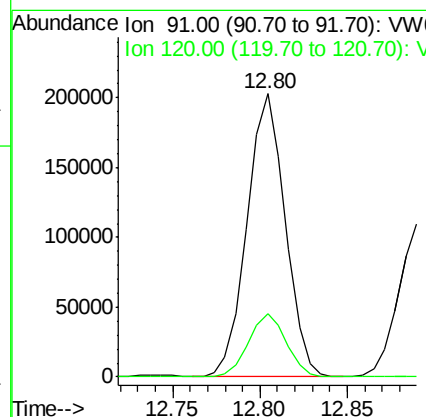
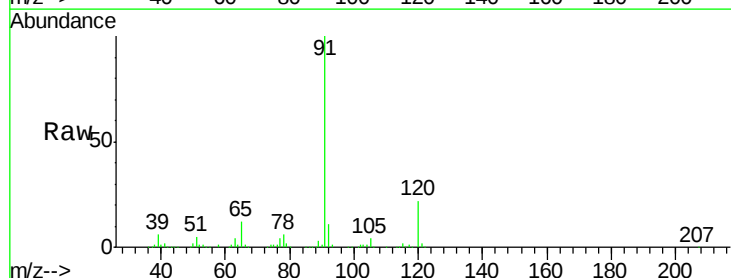
Manual Integrations
APPROVED

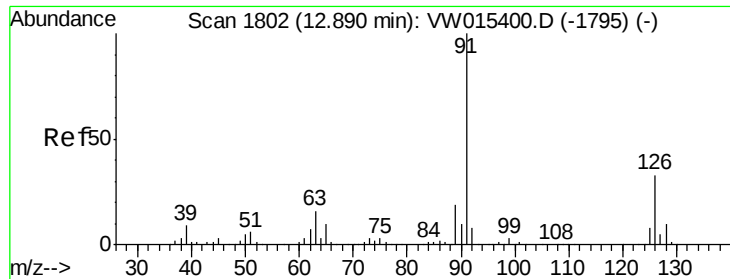
MMDadoda
5/7/2020 10:34:51 AM



#78
n-propylbenzene
Concen: 20.189 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.6





#79

2-Chlorotoluene

Concen: 20.390 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampled :

VW0506SBS01

Tot Ion: 91 Resp: 174947

Ion Ratio Lower Upper

91 100

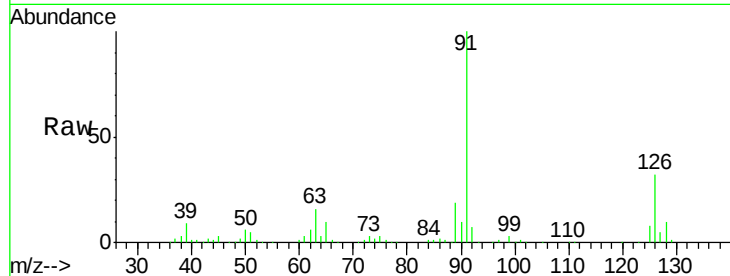
126 32.7 16.1 48.2

Manual Integrations

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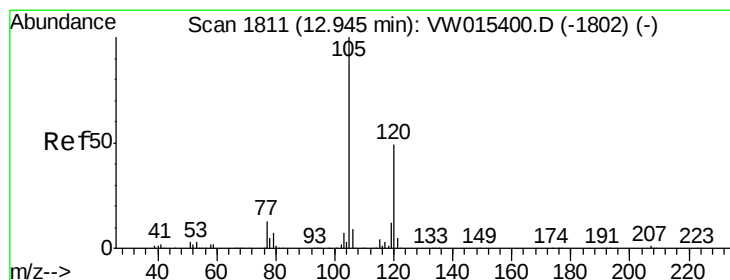
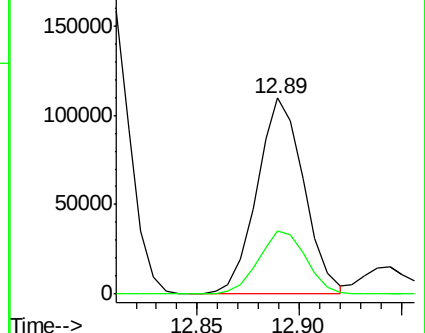
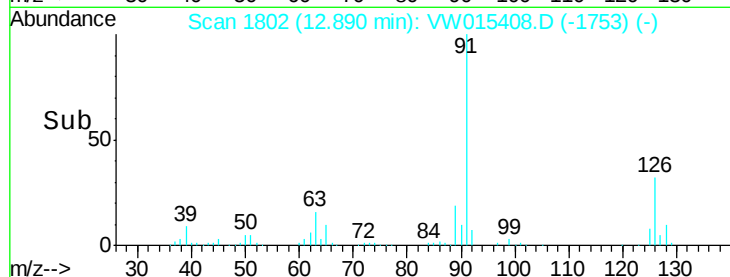
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.670 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015408.D

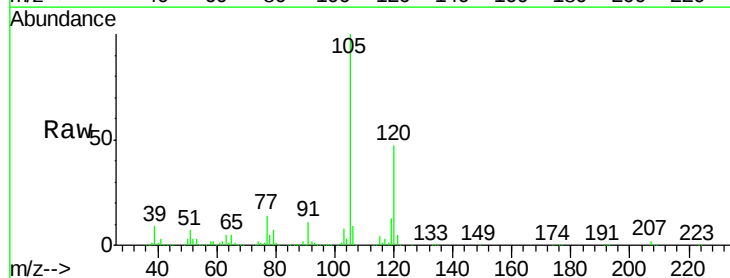
Acq: 06 May 2020 11:59

Tgt Ion:105 Resp: 220882

Ion Ratio Lower Upper

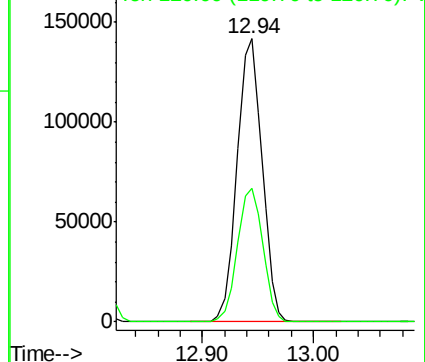
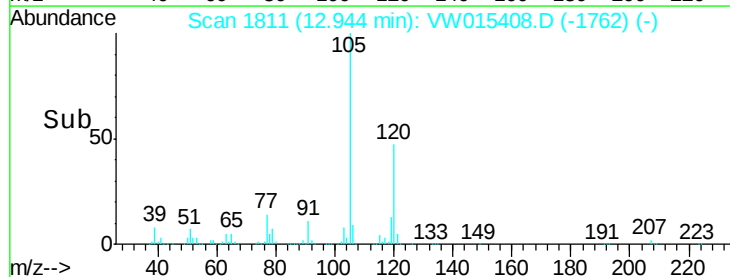
105 100

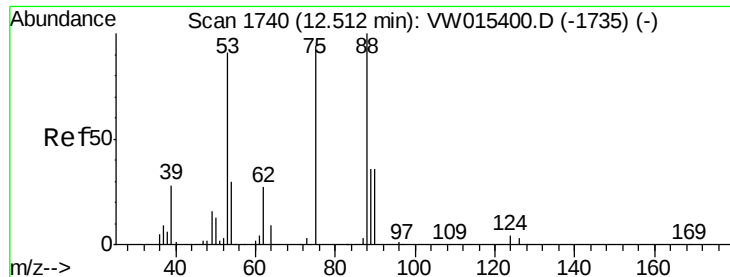
120 48.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





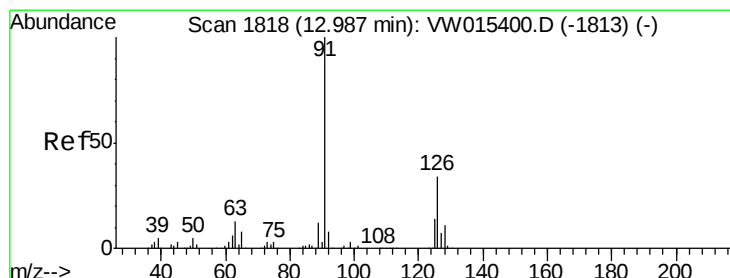
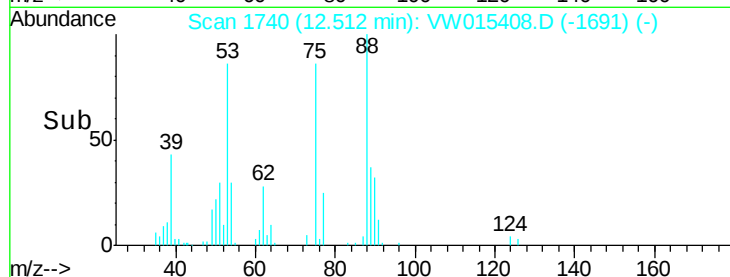
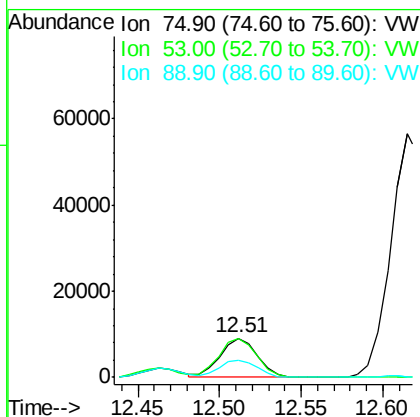
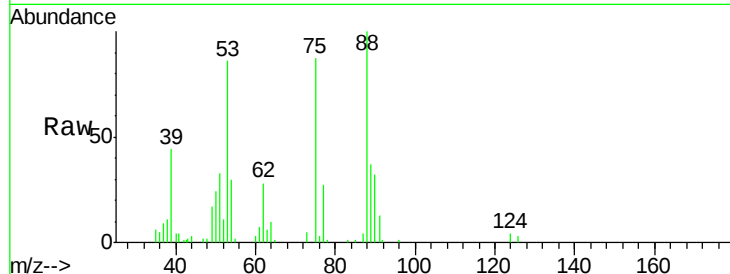
#81
trans-1,4-Dichloro-2-butene
Concen: 20.475 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	82.5	123.7
89	43.6	35.8	53.8

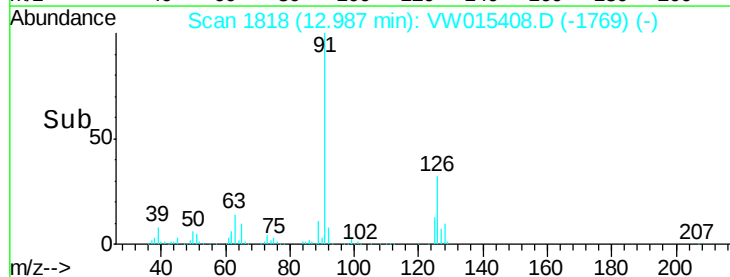
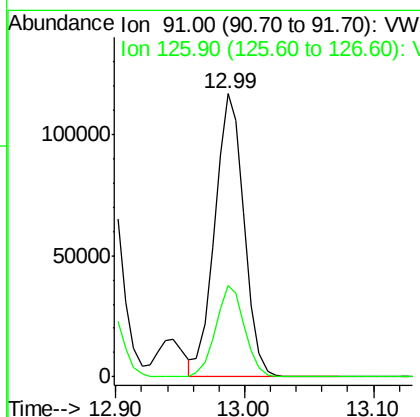
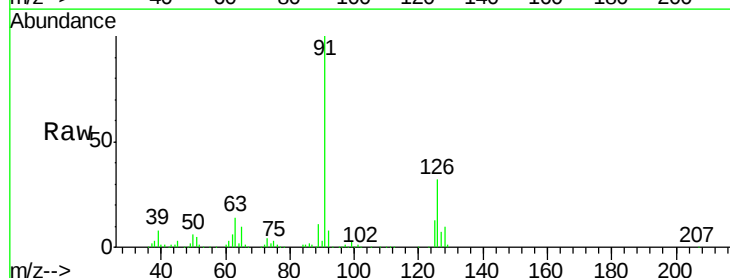
Manual Integrations
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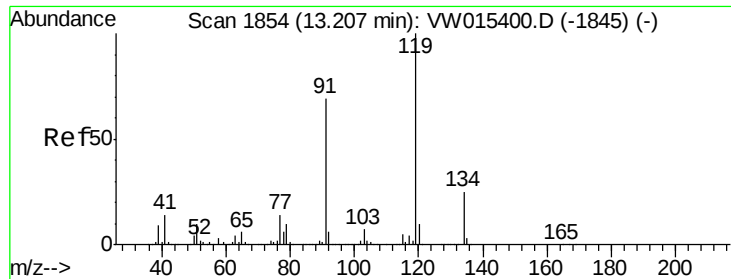
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.348 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.0	47.9





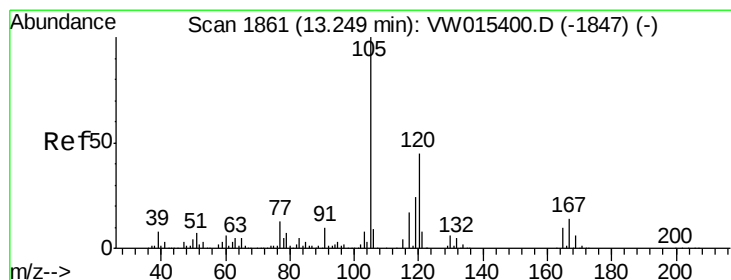
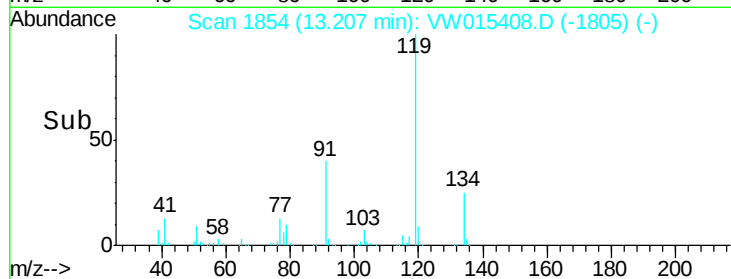
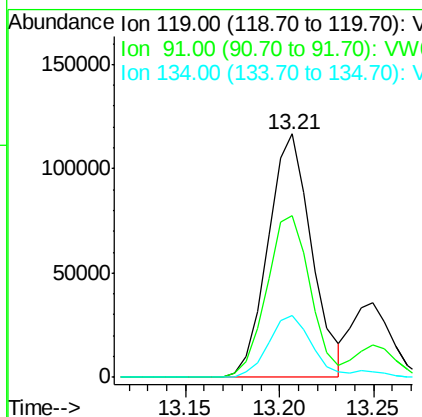
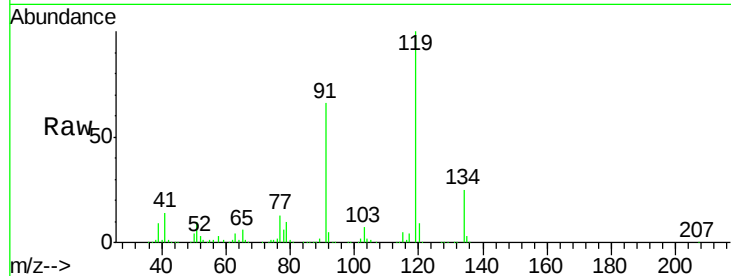
#83
tert-Butylbenzene
Concen: 20.567 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187537		
91	66.7	33.8	101.4	
134	25.1	12.3	36.9	

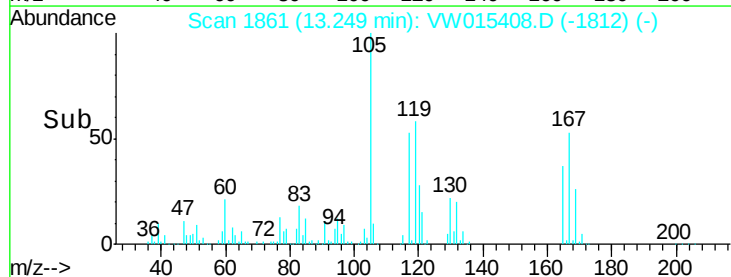
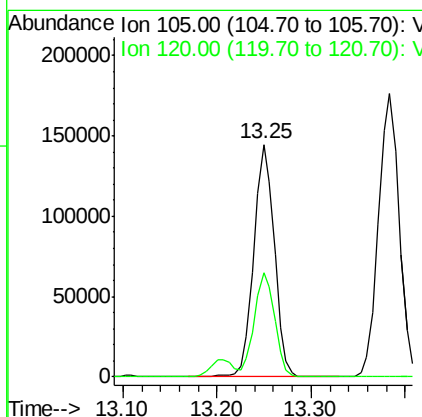
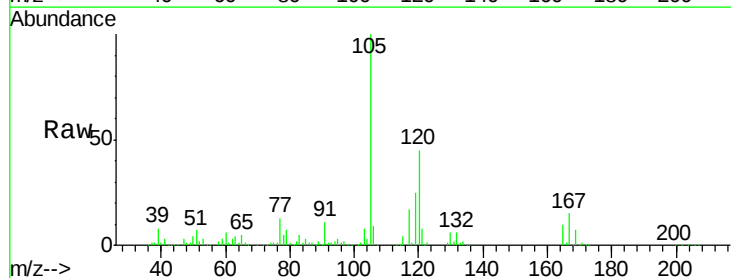
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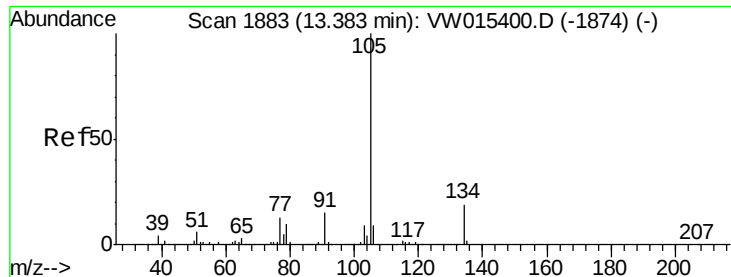
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.611 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220334		
120	44.2	22.0	66.0	





#85

sec-Butylbenzene

Concen: 20.947 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

ClientSampleId :

VW0506SBS01

Tot Ion:105 Resp: 269116

Ion Ratio Lower Upper

105 100

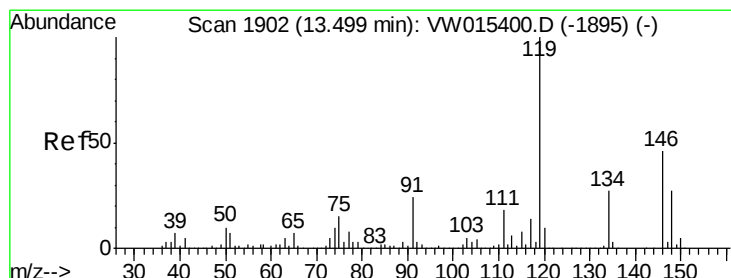
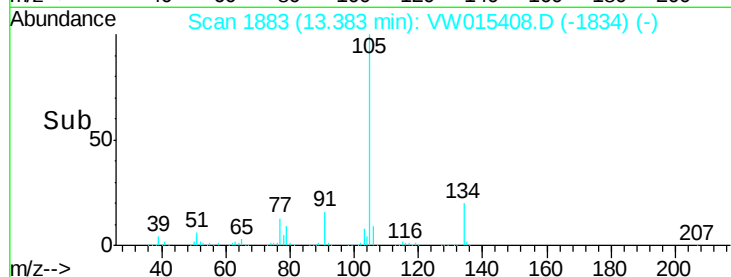
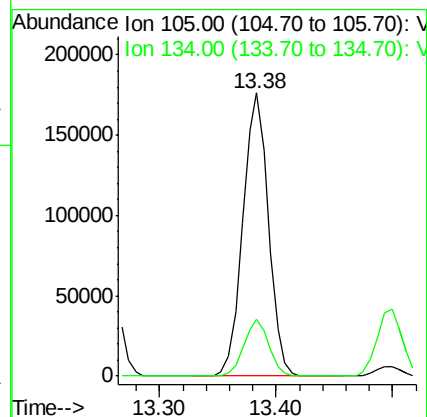
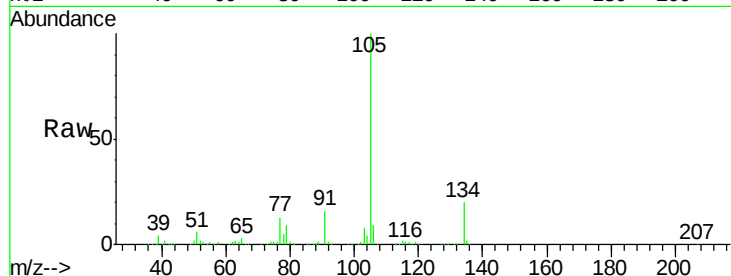
134 19.6 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.610 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

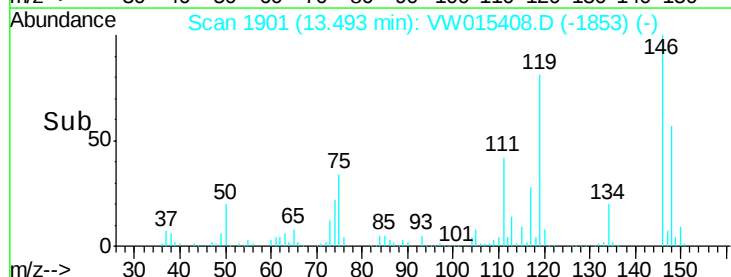
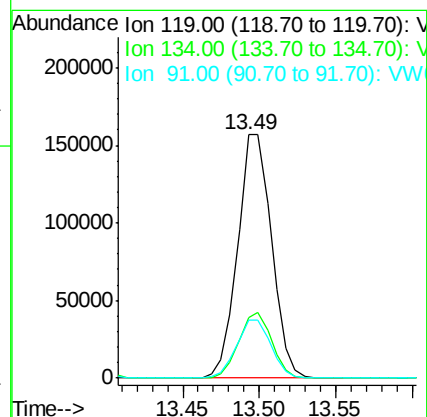
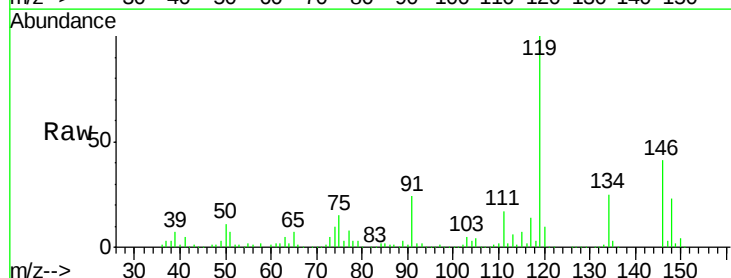
Tgt Ion:119 Resp: 241493

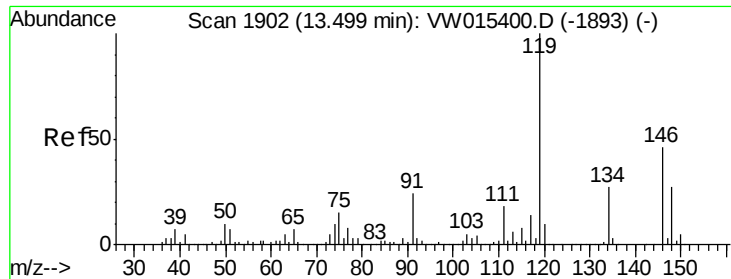
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.4

91 24.2 12.1 36.3





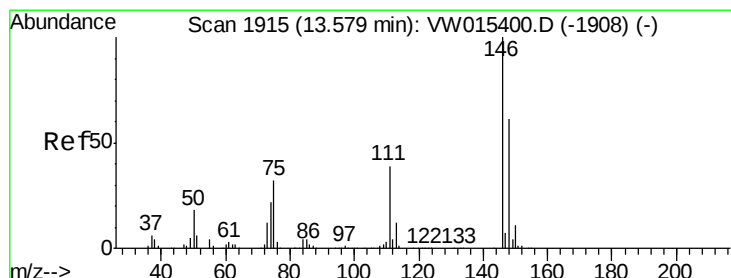
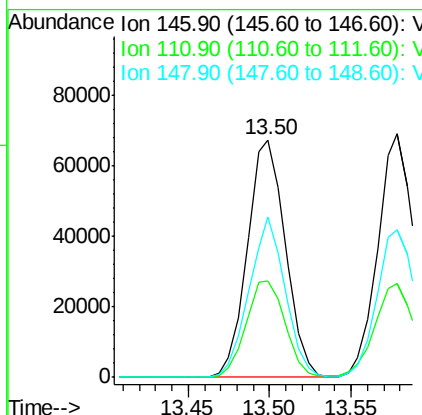
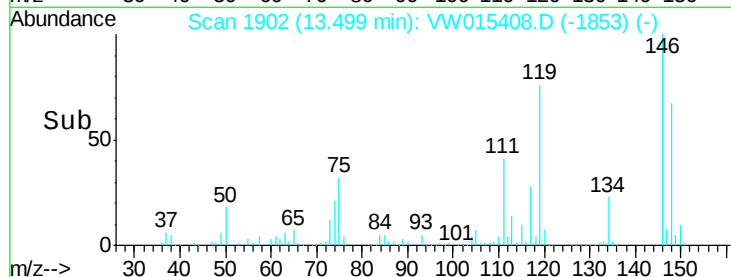
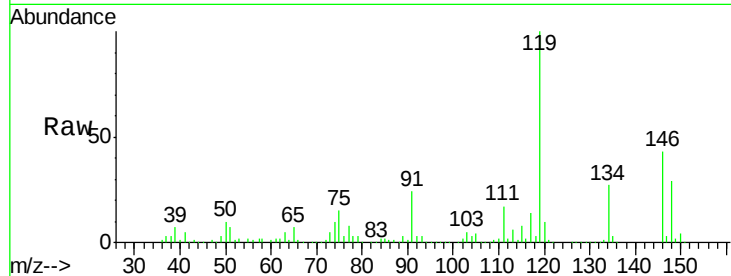
#87
 1,3-Dichlorobenzene
 Concen: 20.364 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	109055		
111	41.9	20.5	61.5	
148	63.8	31.4	94.0	

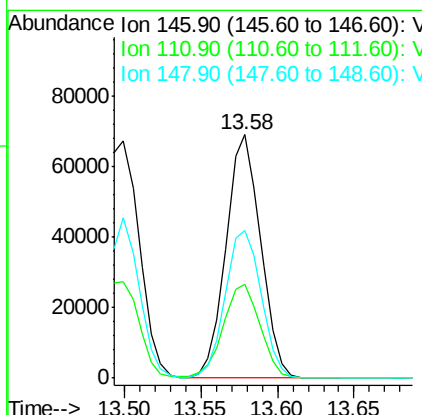
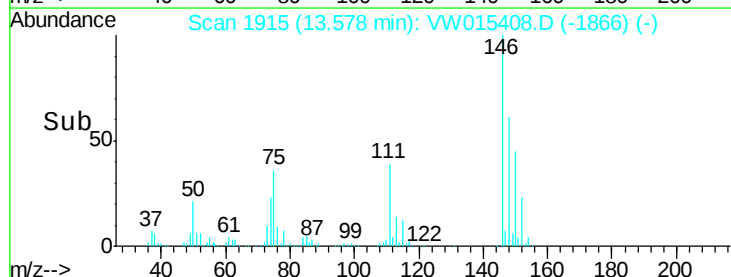
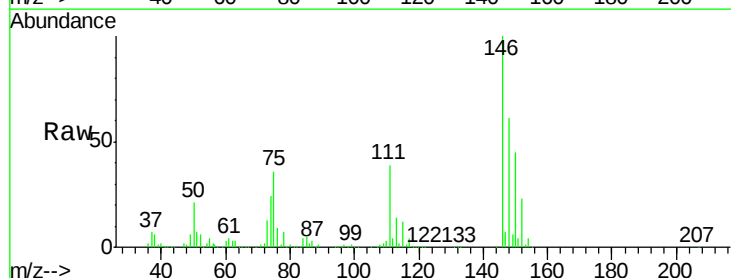
Manual Integrations
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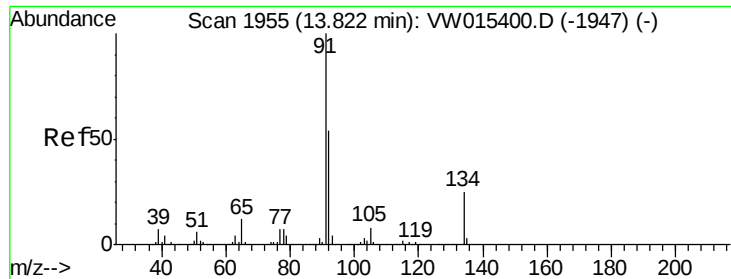
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#88
 1,4-Dichlorobenzene
 Concen: 20.445 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108433		
111	41.1	20.0	60.0	
148	63.1	31.4	94.3	





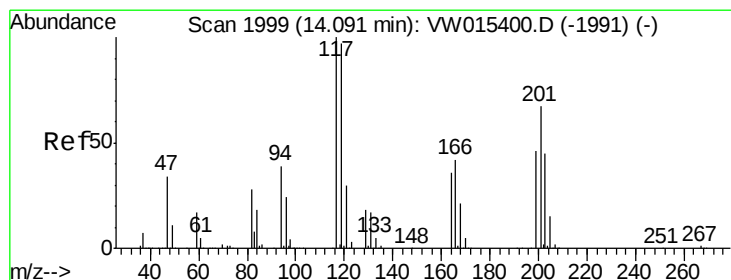
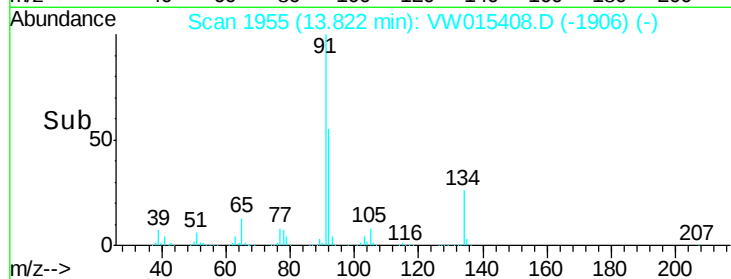
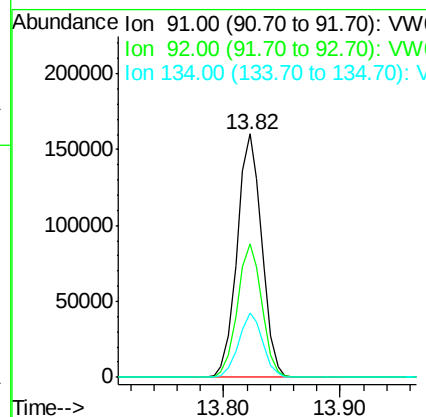
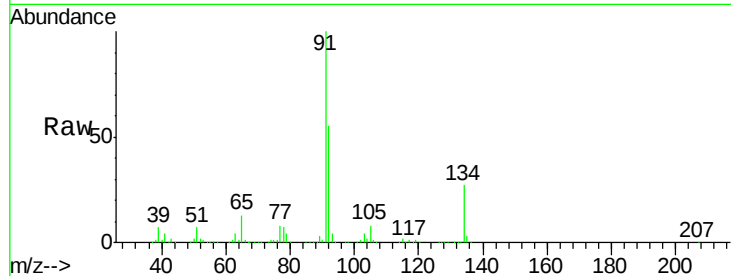
#89
n-Butylbenzene
Concen: 20.582 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0506SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.2	81.6	
134	25.7	12.6	37.6	

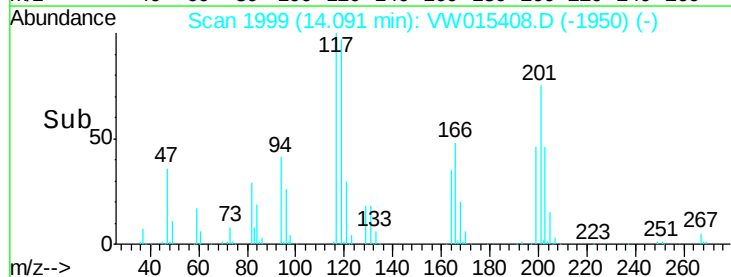
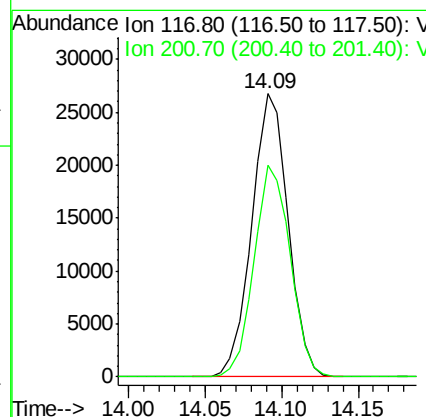
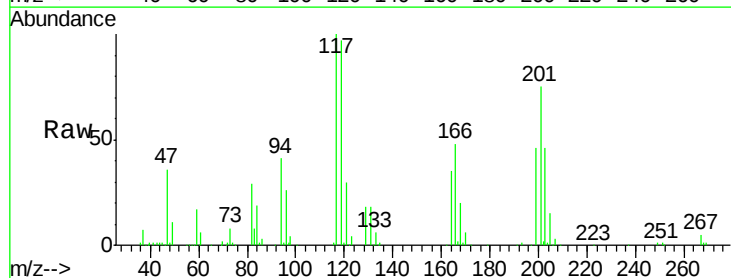
Manual Integrations
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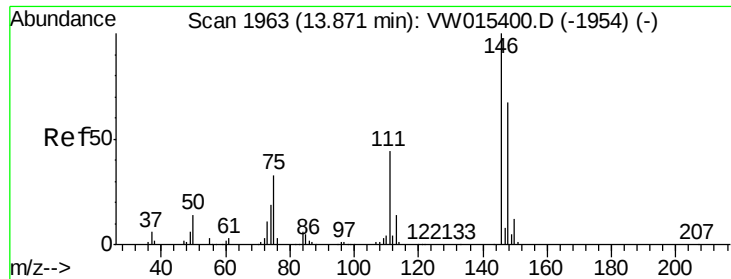
MMDadoda
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#90
Hexachloroethane
Concen: 20.433 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015408.D
Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.6	35.9	107.8	





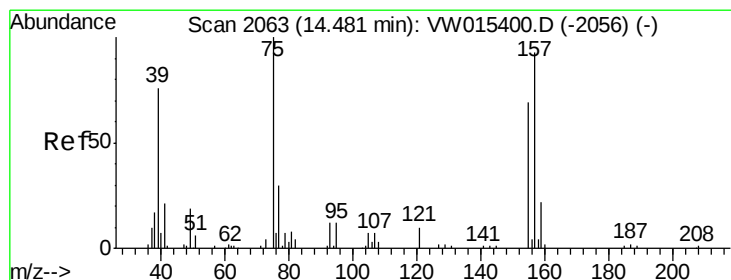
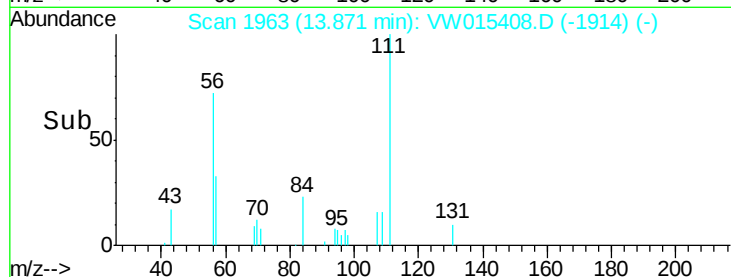
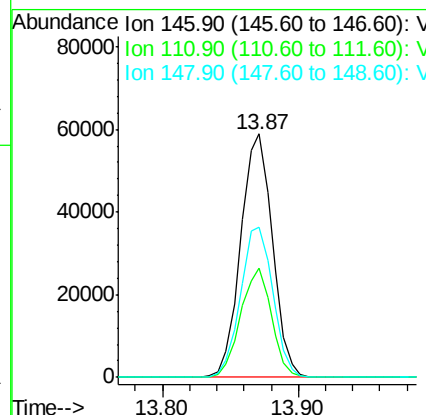
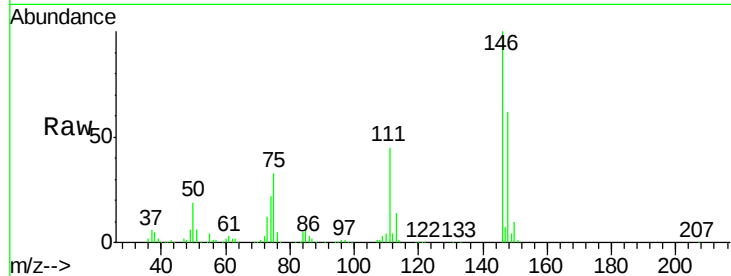
#91
 1,2-Dichlorobenzene
 Concen: 20.664 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.3
148	63.4	32.5	97.4

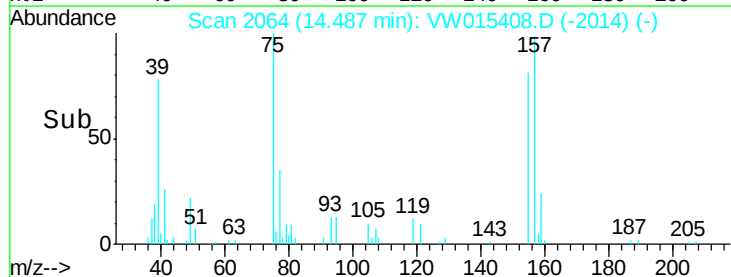
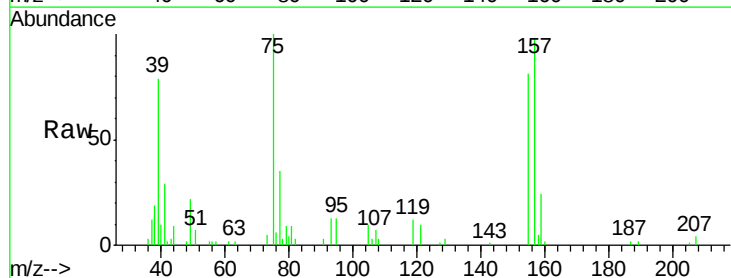
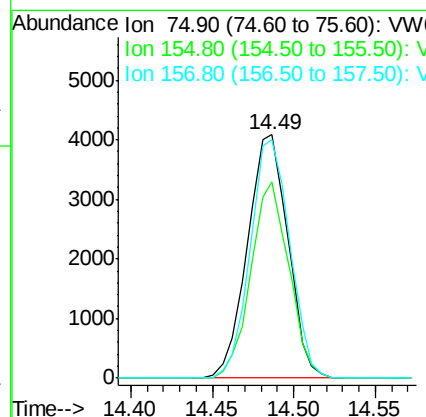
Manual Integrations
 APPROVED

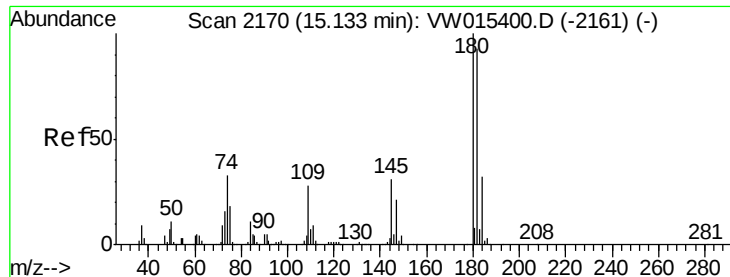
MMDadoda
 5/7/2020 10:34:51 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.409 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.6	38.7	116.1
157	95.6	48.1	144.4





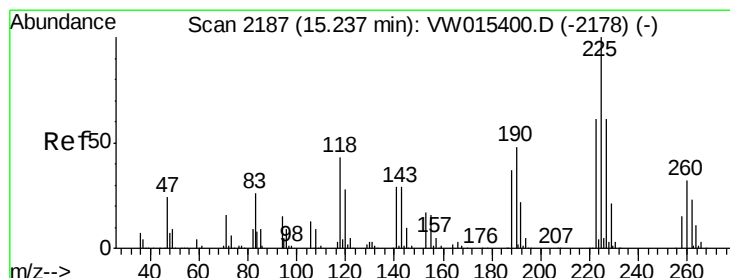
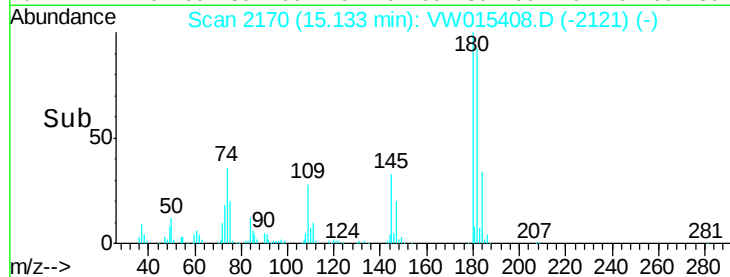
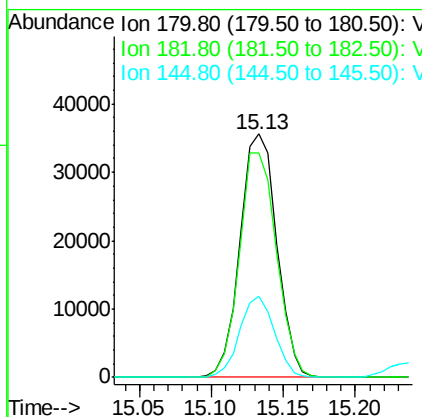
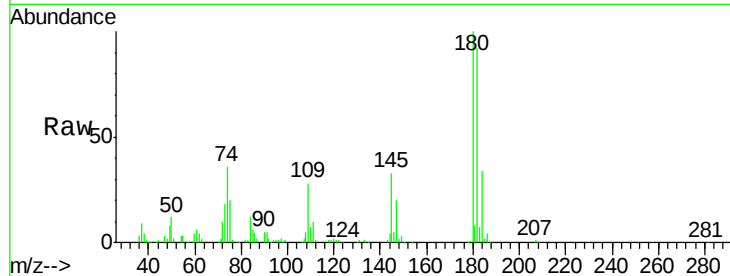
#93
 1,2,4-Trichlorobenzene
 Concen: 20.179 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0506SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.2	141.6
145	31.7	15.6	46.8

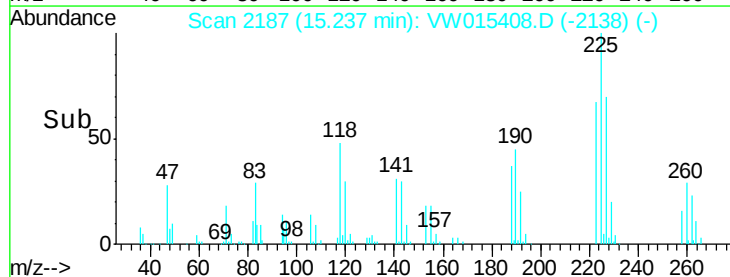
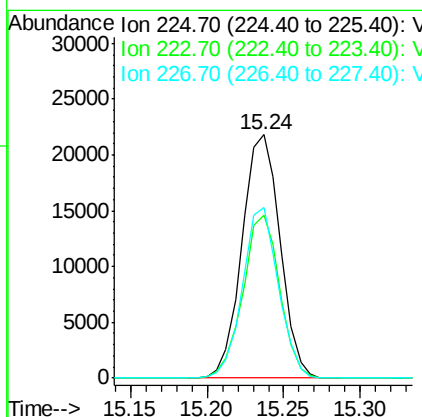
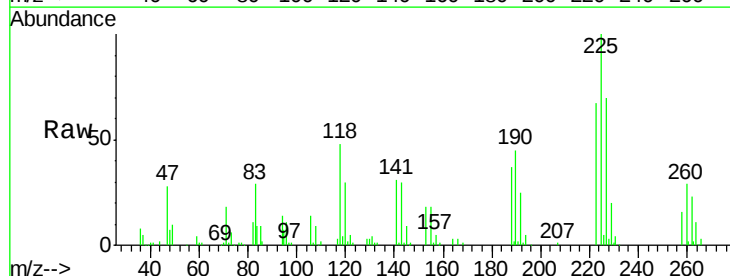
Manual Integrations
 APPROVED

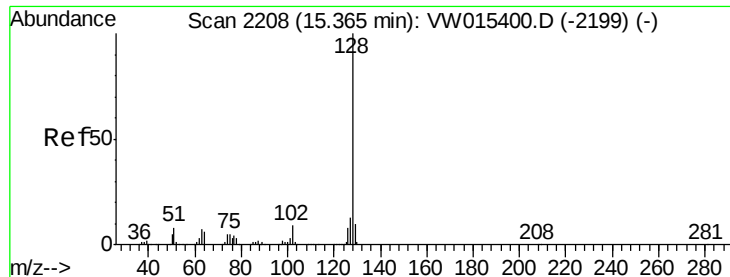
MMDadoda
 5/7/2020 10:34:51 AM



#94
 Hexachlorobutadiene
 Concen: 20.384 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015408.D
 Acq: 06 May 2020 11:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.7	92.1
227	66.0	32.0	96.0





#95

Naphthalene

Concen: 19.760 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Instrument :

MSVOA_W

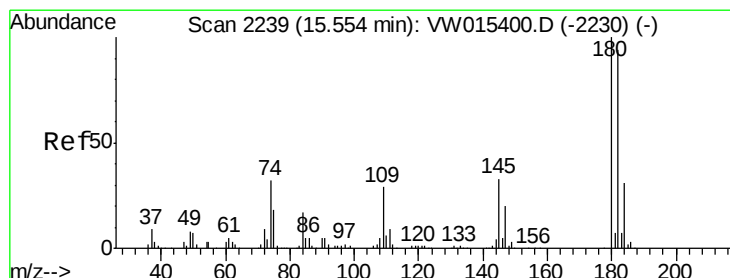
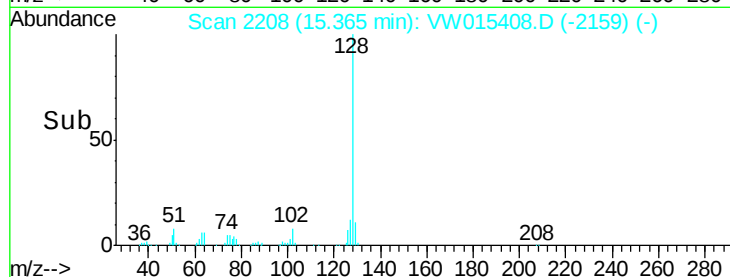
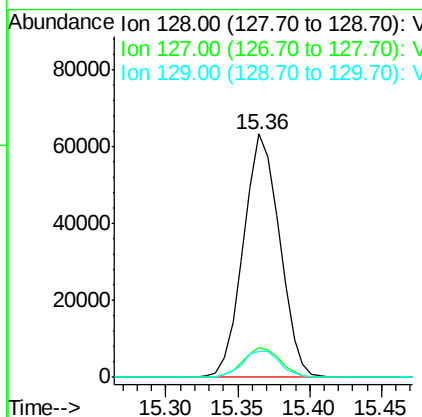
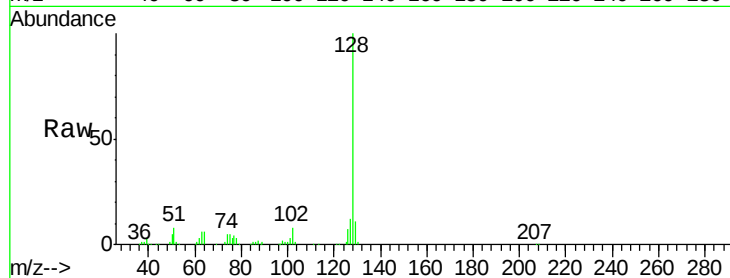
ClientSampleId :

VW0506SBS01

Tot Ion:	128	Resp:	110306
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	11.2	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:34:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.284 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW015408.D

Acq: 06 May 2020 11:59

Tgt Ion:	180	Resp:	51639
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.6	142.8
145	33.6	16.3	48.8

