

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015403.D
 Acq On : 05 May 2020 19:49
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW050620

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:12:11 PM

Quant Time: May 05 22:06:40 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	210934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	129287	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	111842	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
50) Toluene-d8	10.32	98	451579	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	171876	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	65069	53.356	ug/l	98
3) Chloromethane	2.21	50	74763	48.969	ug/l	100
4) Vinyl Chloride	2.37	62	112837	48.802	ug/l	98
5) Bromomethane	2.78	94	82933	45.785	ug/l	96
6) Chloroethane	2.93	64	75214	47.206	ug/l	96
7) Trichlorofluoromethane	3.26	101	81514	48.064	ug/l	100
8) Diethyl Ether	3.68	74	54284	51.222	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97809	49.751	ug/l	99
10) Methyl Iodide	4.27	142	154503	51.936	ug/l	99
11) Tert butyl alcohol	5.18	59	34899	261.007	ug/l	100
12) 1,1-Dichloroethene	4.04	96	101013	49.546	ug/l	99
13) Acrolein	3.89	56	46153	270.300	ug/l	99
14) Allyl chloride	4.67	41	183366	51.332	ug/l	99
15) Acrylonitrile	5.37	53	115852	268.599	ug/l	100
16) Acetone	4.12	43	94603	262.634	ug/l	98
17) Carbon Disulfide	4.38	76	315047	50.397	ug/l	100
18) Methyl Acetate	4.67	43	49690	51.964	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	173303	52.906	ug/l	100
20) Methylene Chloride	4.92	84	111877	47.603	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	117545	50.791	ug/l	97
22) Diisopropyl ether	6.31	45	361932	51.850	ug/l	99
23) Vinyl Acetate	6.26	43	1111523	261.948	ug/l	99
24) 1,1-Dichloroethane	6.21	63	212354	50.744	ug/l	100
25) 2-Butanone	7.17	43	148629	264.722	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135357	48.801	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	130320	51.858	ug/l	98
28) Bromochloromethane	7.51	49	86617	51.477	ug/l	99
29) Tetrahydrofuran	7.53	42	96836	262.075	ug/l	98
30) Chloroform	7.68	83	211358	50.833	ug/l	100
31) Cyclohexane	7.95	56	197718	46.533	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	176611	50.538	ug/l	100
36) 1,1-Dichloropropene	8.08	75	170622	48.851	ug/l	100
37) Ethyl Acetate	7.25	43	70668	52.144	ug/l	99
38) Carbon Tetrachloride	8.07	117	159351	48.802	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	215430	48.726	ug/l	100
40) Benzene	8.32	78	477098	50.084	ug/l	100
41) Methacrylonitrile	7.48	41	45194	52.779	ug/l	96
42) 1,2-Dichloroethane	8.40	62	147769	50.930	ug/l	100
43) Isopropyl Acetate	8.42	43	147986	51.921	ug/l	99
44) Trichloroethene	9.09	130	122960	49.803	ug/l	99
45) 1,2-Dichloropropane	9.37	63	118471	50.345	ug/l	99
46) Dibromomethane	9.46	93	60019	51.280	ug/l	97
47) Bromodichloromethane	9.64	83	162884	51.065	ug/l	99
48) Methyl methacrylate	9.43	41	68528	52.051	ug/l	99
49) 1,4-Dioxane	9.45	88	14797	1004.606	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	346744	259.588	ug/l	99
52) Toluene	10.38	92	308188	49.785	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	169023	51.914	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	193845	50.565	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	84344	50.961	ug/l	96
56) Ethyl methacrylate	10.65	69	117777	51.792	ug/l	98
57) 1,3-Dichloropropane	10.93	76	151474	50.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	288454	260.734	ug/l	100
59) 2-Hexanone	10.97	43	237025	262.252	ug/l	100
60) Dibromochloromethane	11.13	129	102597	51.543	ug/l	100
61) 1,2-Dibromoethane	11.23	107	81321	51.893	ug/l	100
64) Tetrachloroethene	10.86	164	98752	49.503	ug/l	94
65) Chlorobenzene	11.66	112	321108	49.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114761	50.300	ug/l	98
67) Ethyl Benzene	11.73	91	608547	49.408	ug/l	99
68) m/p-Xylenes	11.84	106	457617	99.932	ug/l	98
69) o-Xylene	12.16	106	214028	49.737	ug/l	99
70) Styrene	12.18	104	376165	50.756	ug/l	99
71) Bromoform	12.35	173	59063	53.084	ug/l #	100
73) Isopropylbenzene	12.46	105	595589	49.115	ug/l	100
74) N-amyl acetate	12.27	43	145143	50.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96750	51.002	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	65128m	48.741	ug/l	
77) Bromobenzene	12.75	156	129079	50.229	ug/l	99
78) n-propylbenzene	12.80	91	712202	48.953	ug/l	100
79) 2-Chlorotoluene	12.89	91	407899	49.737	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	517170	50.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35115	51.982	ug/l	98
82) 4-Chlorotoluene	12.99	91	432912	49.810	ug/l	100
83) tert-Butylbenzene	13.21	119	434252	49.825	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	515377	50.437	ug/l	100
85) sec-Butylbenzene	13.38	105	613054	49.923	ug/l	100
86) p-Isopropyltoluene	13.49	119	567290	50.651	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	254527	49.723	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	252341	49.776	ug/l	99
89) n-Butylbenzene	13.82	91	550213	50.182	ug/l	100
90) Hexachloroethane	14.09	117	104254	50.513	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	226135	51.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16863	50.919	ug/l	99

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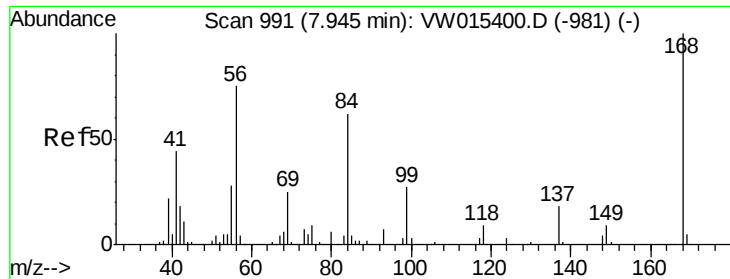
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	155122	52.074	ug/l	99
94) Hexachlorobutadiene	15.23	225	90371	51.195	ug/l	98
95) Naphthalene	15.36	128	283377	53.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	129426	50.567	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion:168 Resp: 210934

Ion Ratio Lower Upper

168 100

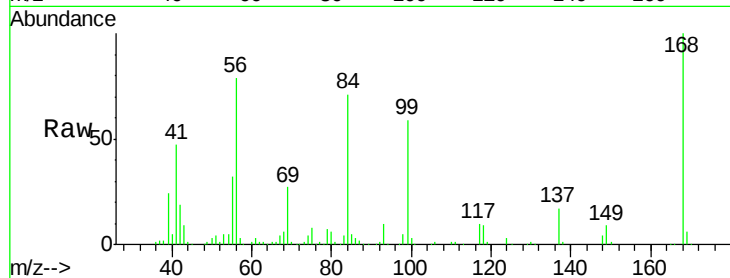
99 59.2 50.3 75.5

Manual Integrations

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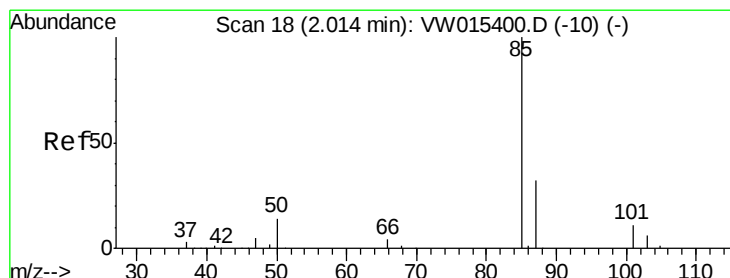
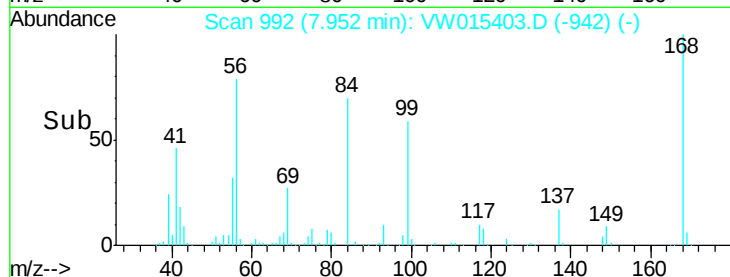
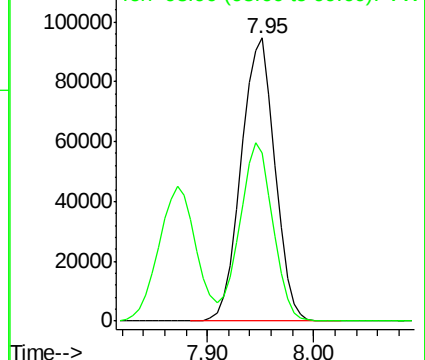
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 53.356 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015403.D

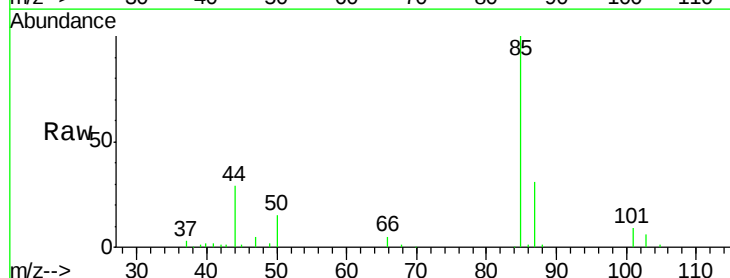
Acq: 05 May 2020 19:49

Tgt Ion: 85 Resp: 65069

Ion Ratio Lower Upper

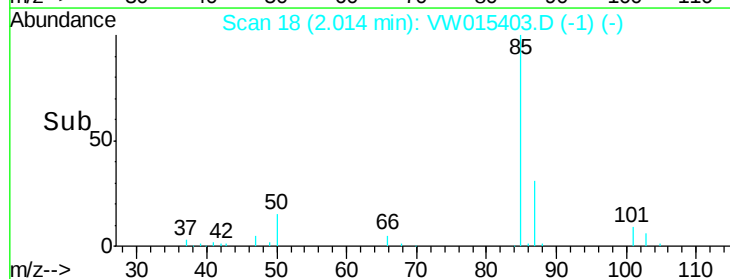
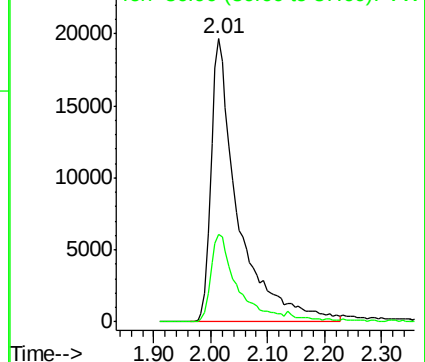
85 100

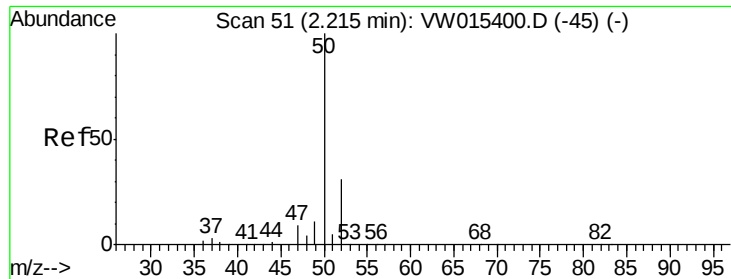
87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 48.969 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion: 50 Resp: 74763

Ion Ratio Lower Upper

50 100

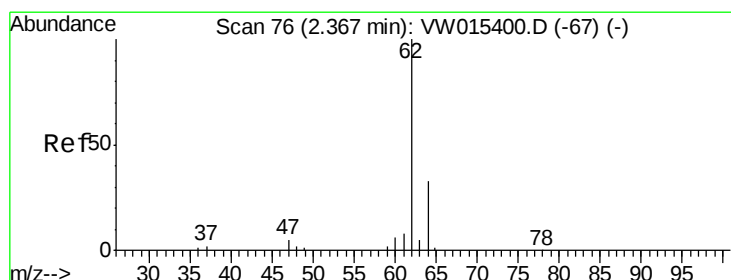
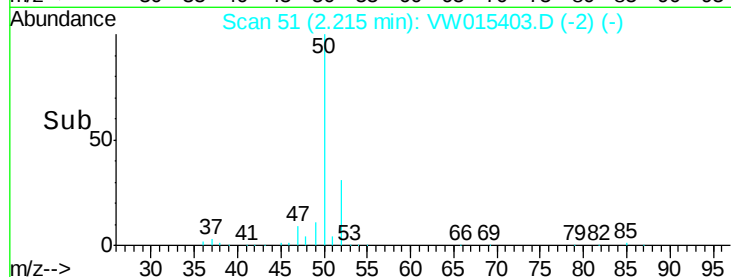
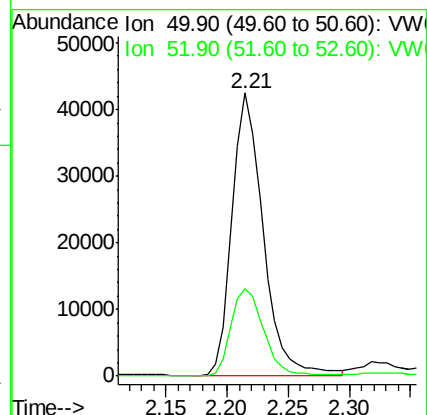
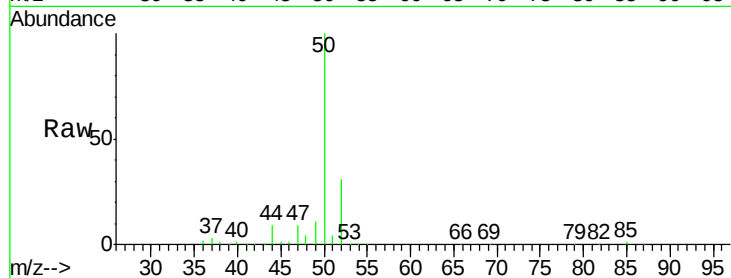
52 31.2 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.802 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015403.D

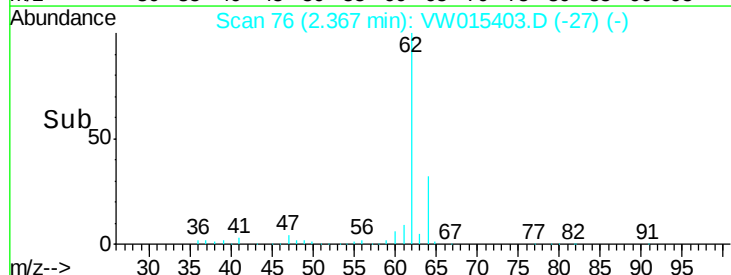
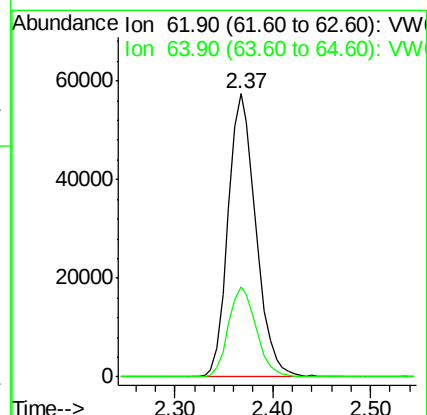
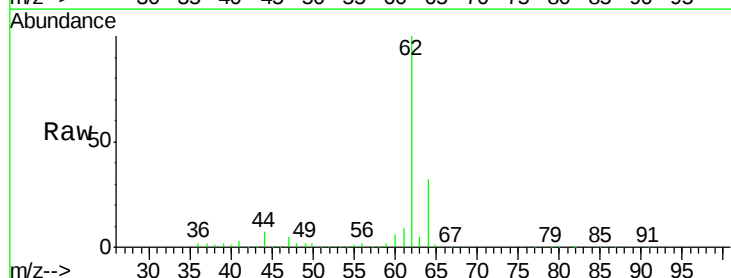
Acq: 05 May 2020 19:49

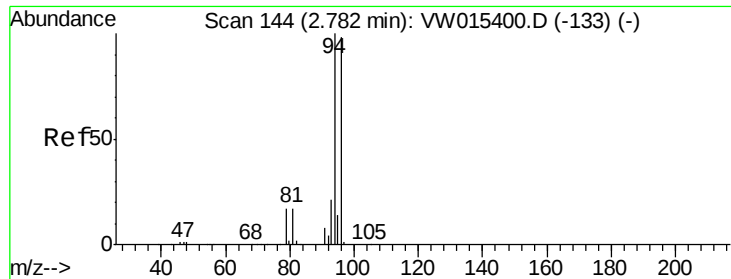
Tgt Ion: 62 Resp: 112837

Ion Ratio Lower Upper

62 100

64 31.6 26.4 39.6





#5

Bromomethane

Concen: 45.785 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 82933

Ion Ratio Lower Upper

94 100

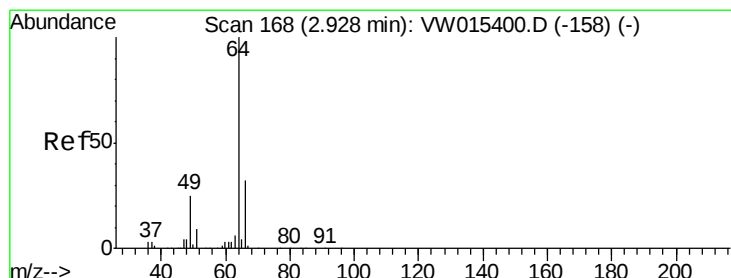
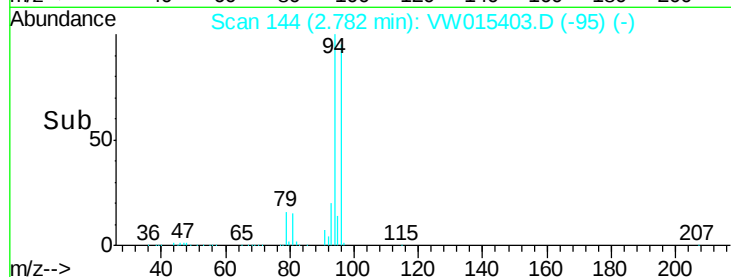
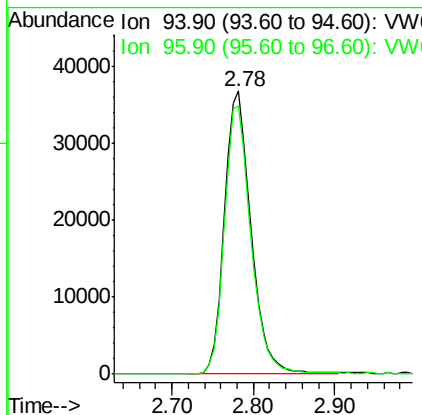
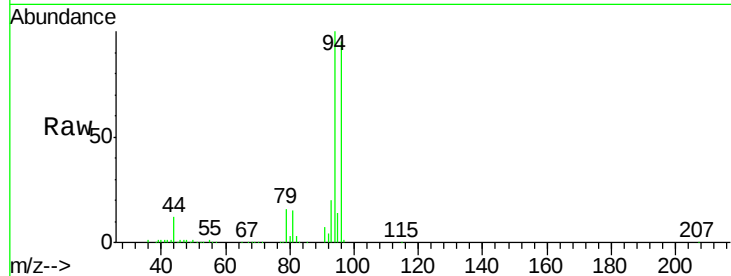
96 94.6 78.8 118.2

Manual Integrations

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#6

Chloroethane

Concen: 47.206 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015403.D

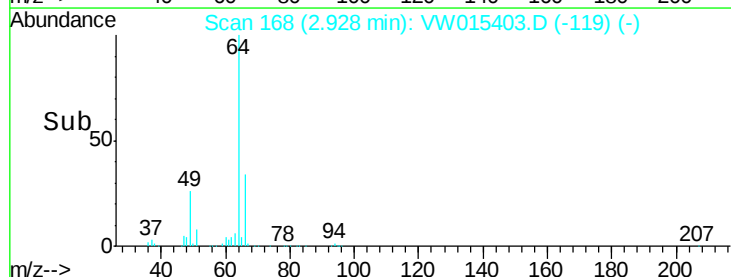
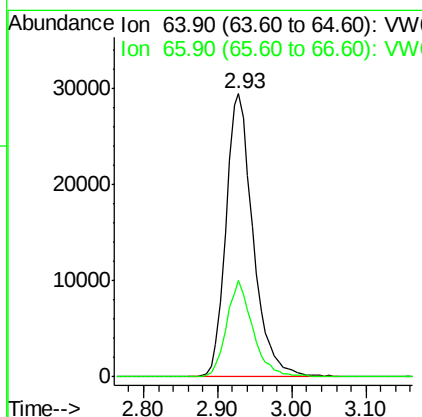
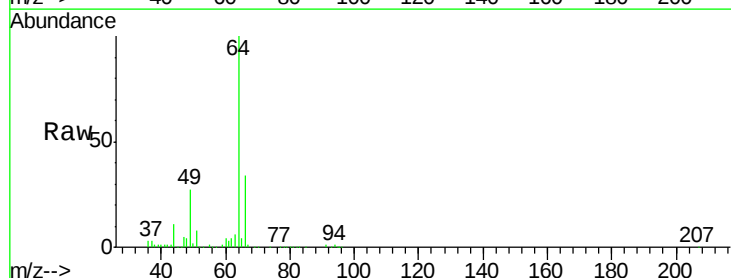
Acq: 05 May 2020 19:49

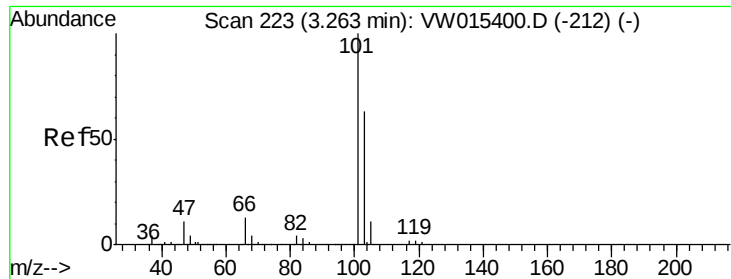
Tgt Ion: 64 Resp: 75214

Ion Ratio Lower Upper

64 100

66 33.7 25.4 38.0





#7

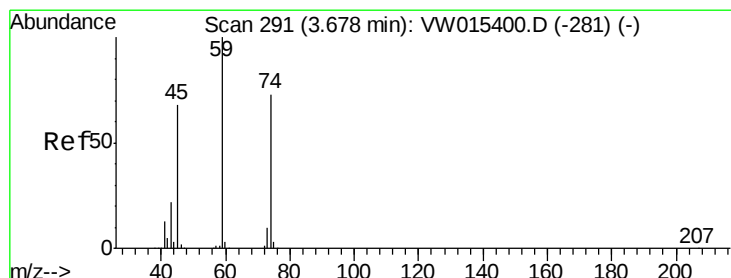
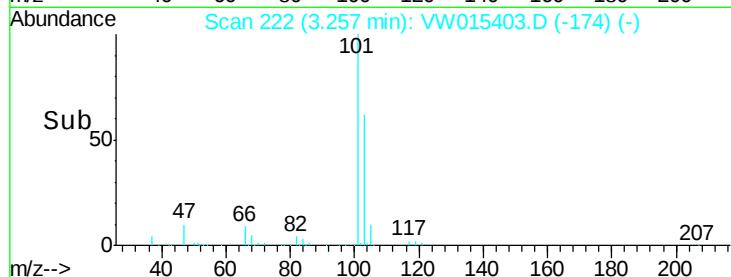
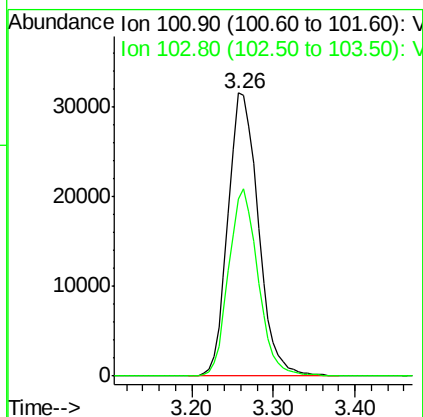
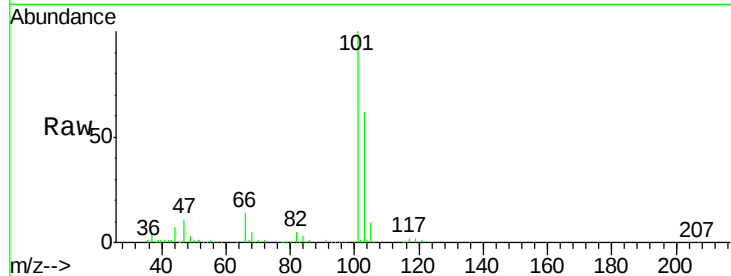
Trichlorofluoromethane
 Concen: 48.064 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015403.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	81514		
103	62.4	50.2	75.4	

Manual Integrations
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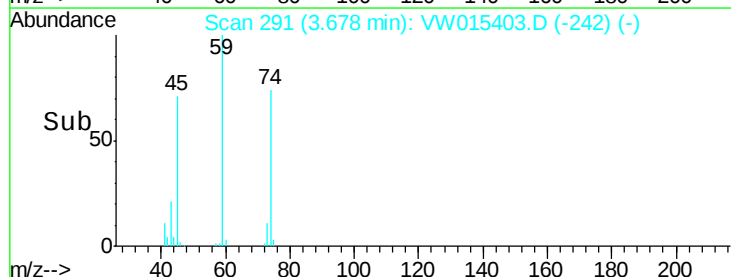
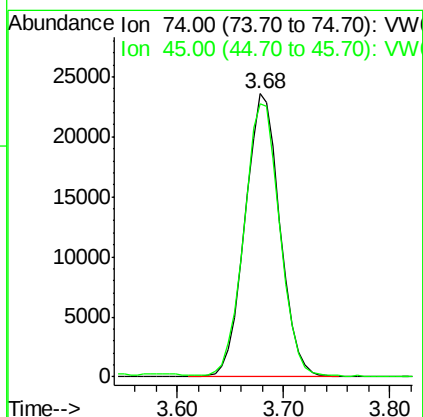
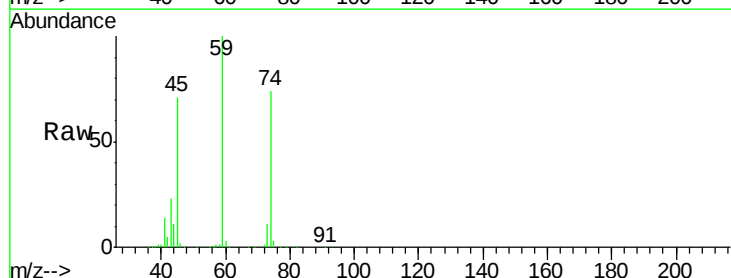
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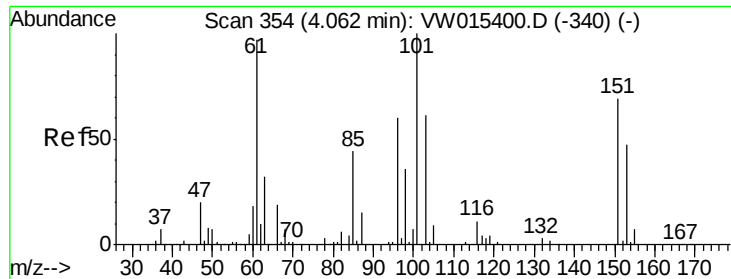


#8

Diethyl Ether
 Concen: 51.222 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015403.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54284		
45	98.7	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.751 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

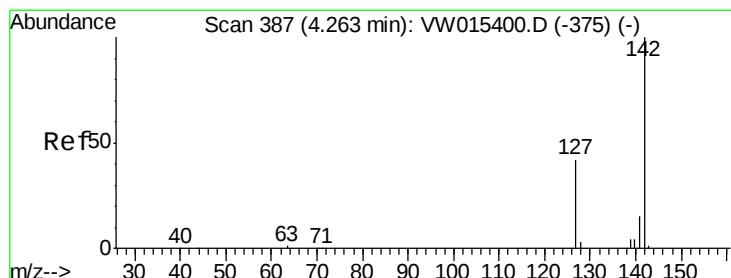
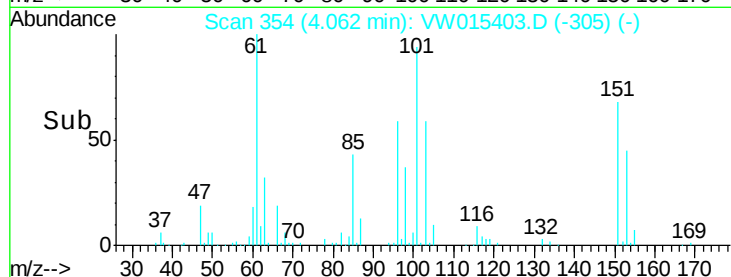
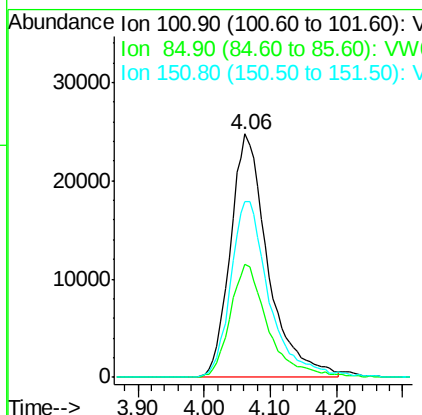
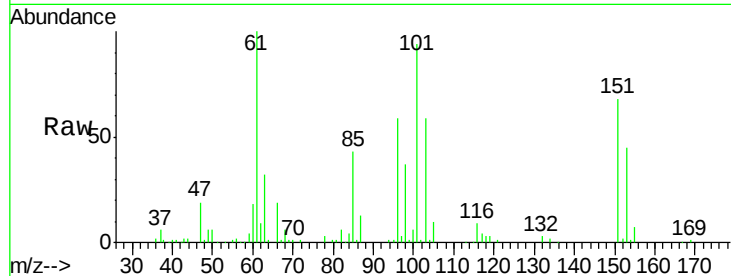
ClientSampleId :

ICVW050620

Tot Ion:	101	Resp:	97809
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.3	55.9
151	74.4	58.9	88.3

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#10

Methyl Iodide

Concen: 51.936 ug/l

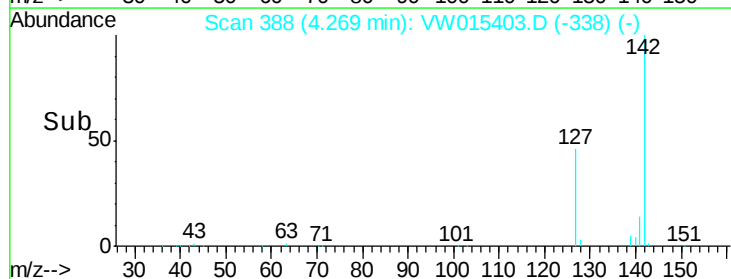
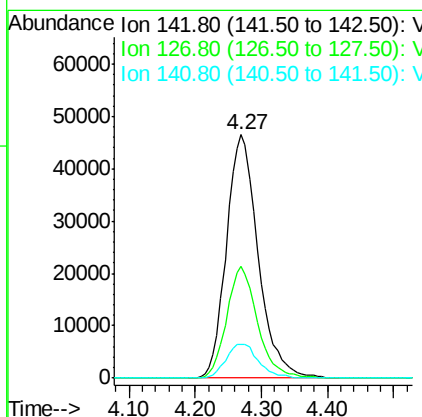
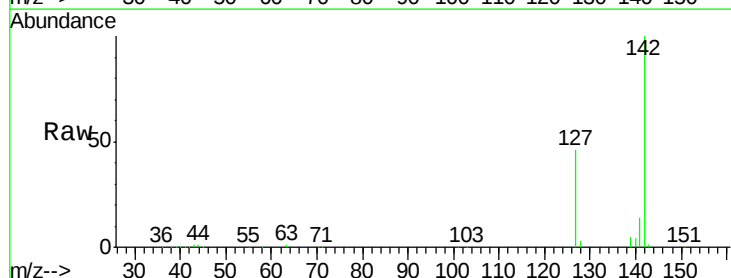
RT: 4.27 min Scan# 388

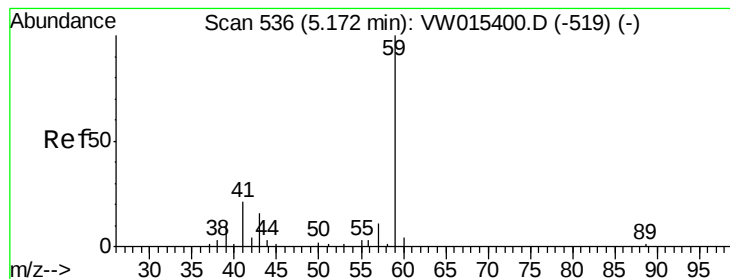
Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	142	Resp:	154503
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.4	53.2
141	14.4	11.7	17.5





#11

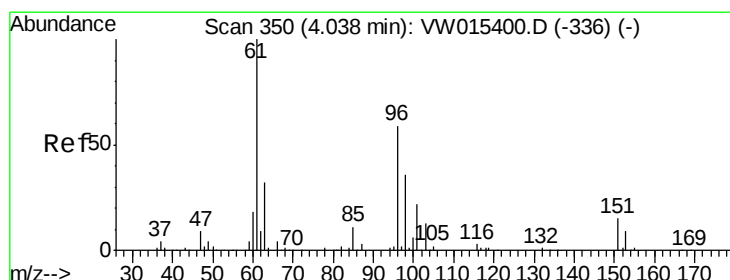
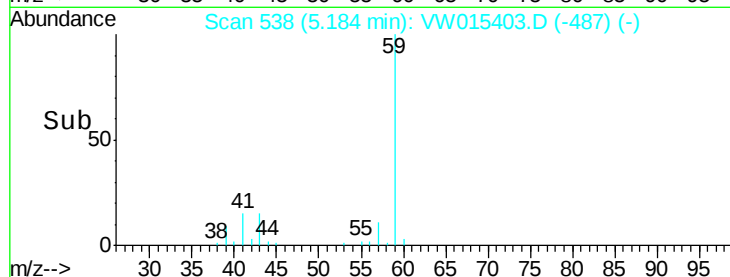
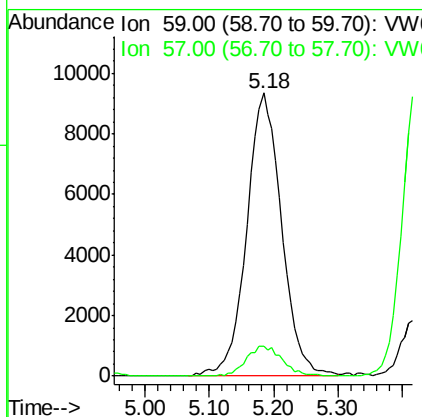
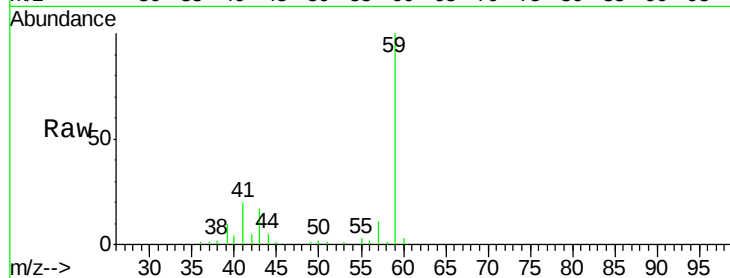
Tert butyl alcohol
 Concen: 261.007 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW050620

Tot Ion	59	57	Ratio	100	11.0	Resp	34899	Lower	8.6	Upper	13.0
Ion	59	57	Ratio	100	11.0	Resp	34899	Lower	8.6	Upper	13.0

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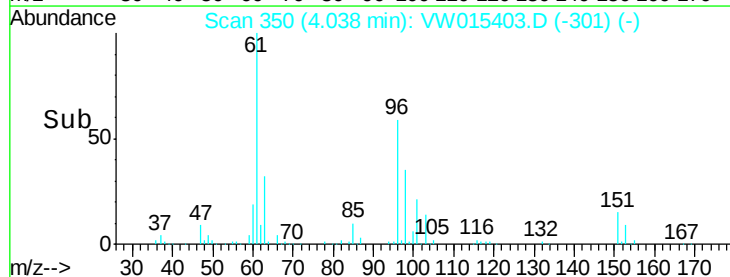
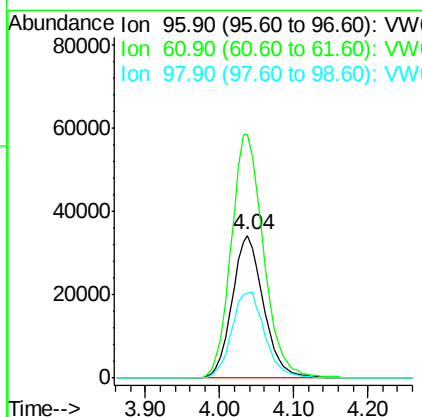
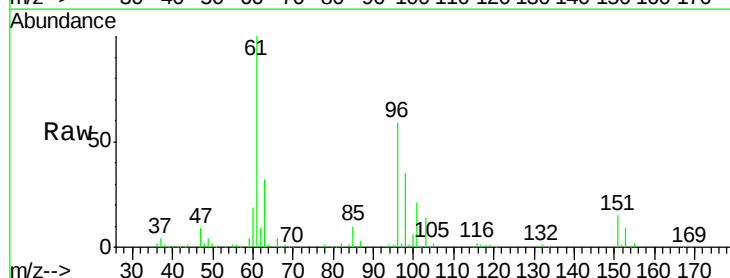
MMDadoda
 5/6/2020 12:12:11 PM

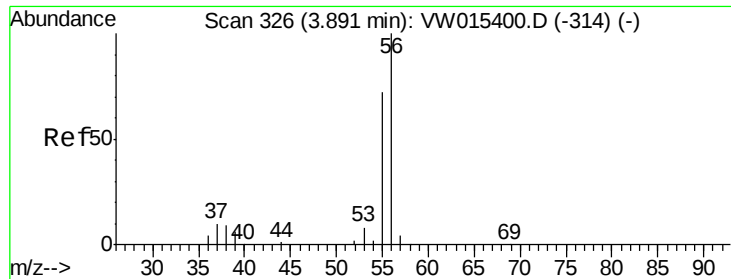


#12

1,1-Dichloroethene
 Concen: 49.546 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	96	61	98	Ratio	100	170.3	59.6	Resp	101013	Lower	135.8	Upper	203.8	72.8
Ion	96	61	98	Ratio	100	170.3	59.6	Resp	101013	Lower	135.8	Upper	203.8	72.8





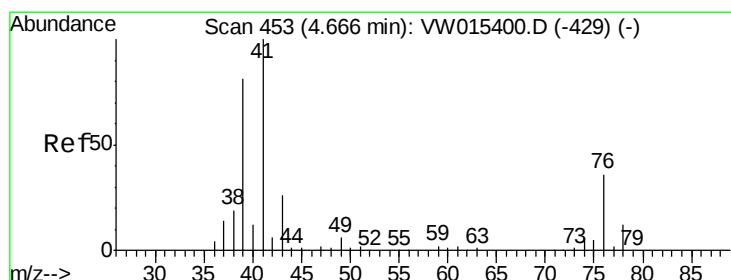
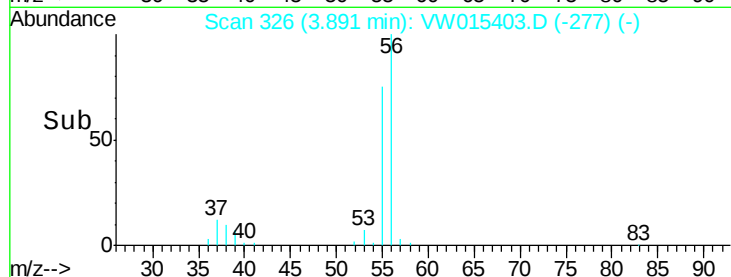
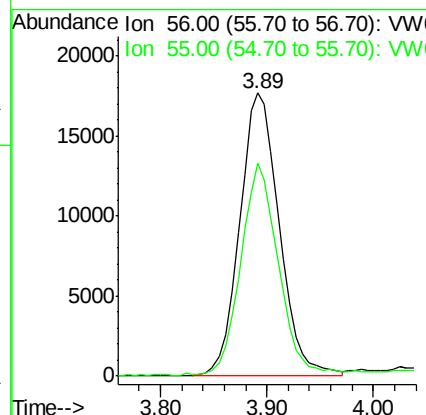
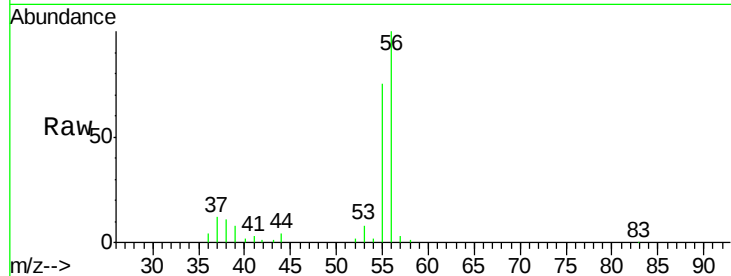
#13
 Acrolein
 Concen: 270.300 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion	56	55	Resp	Lower	Upper
46153	100	71.6		56.4	84.6

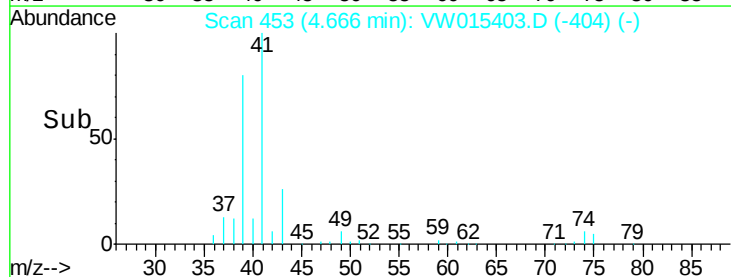
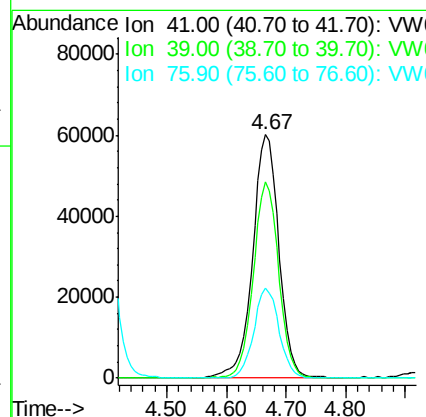
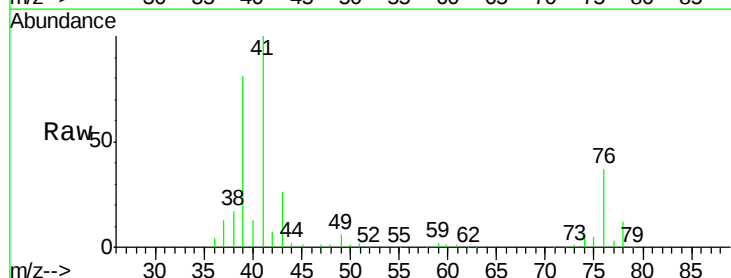
Manual Integrations
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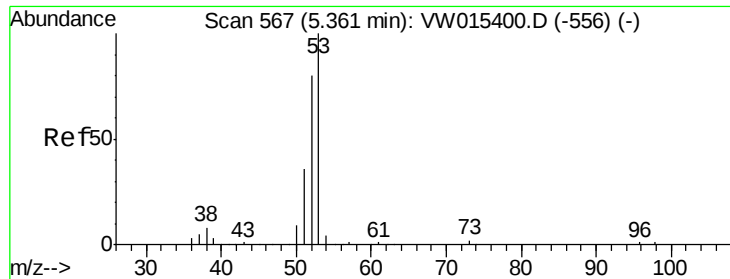
MMDadoda
 5/6/2020 12:12:11 PM



#14
 Allyl chloride
 Concen: 51.332 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	41	39	76	Resp	Lower	Upper
183366	100	78.2	35.5		63.6	95.4





#15

Acrylonitrile

Concen: 268.599 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

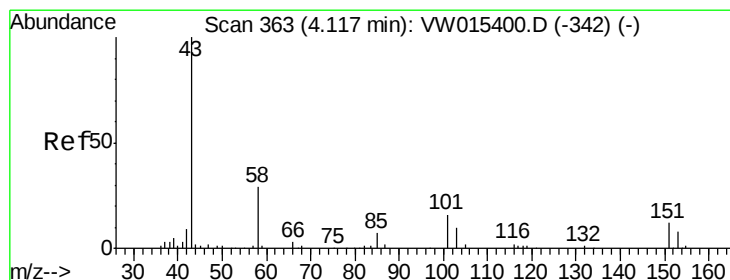
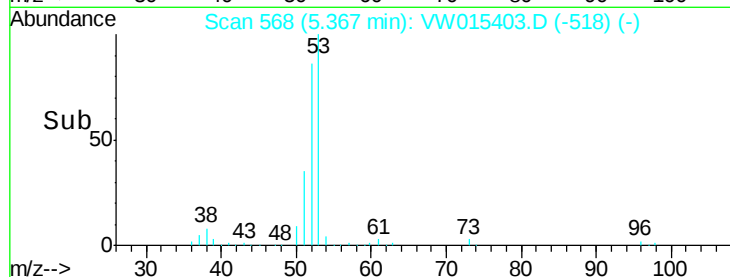
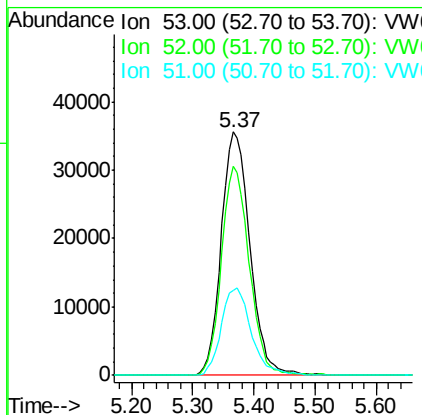
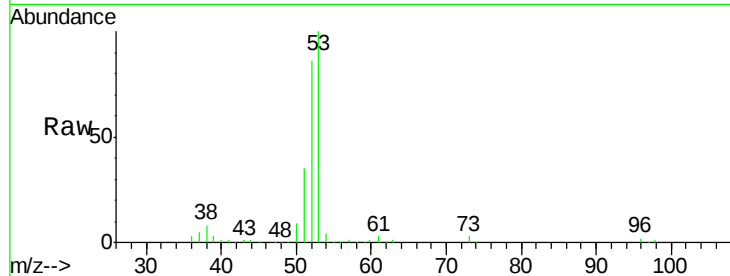
ClientSampleId :

ICVW050620

Tot Ion:	53	Resp:	115852
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	99.8
51	37.6	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 262.634 ug/l

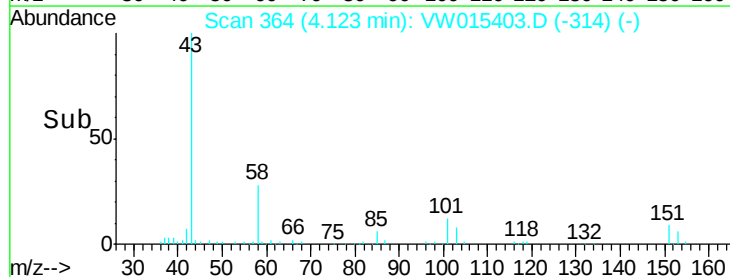
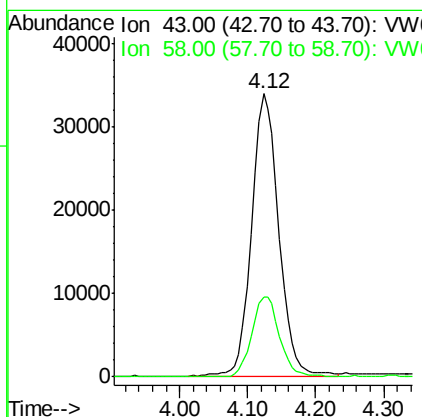
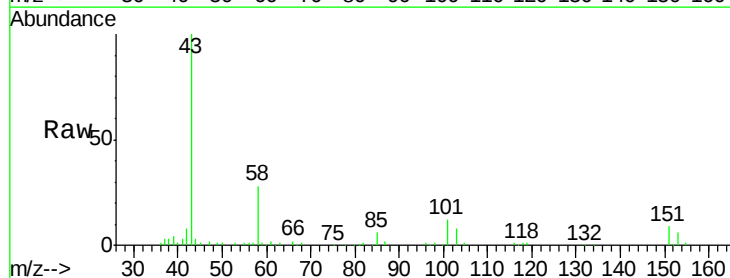
RT: 4.12 min Scan# 364

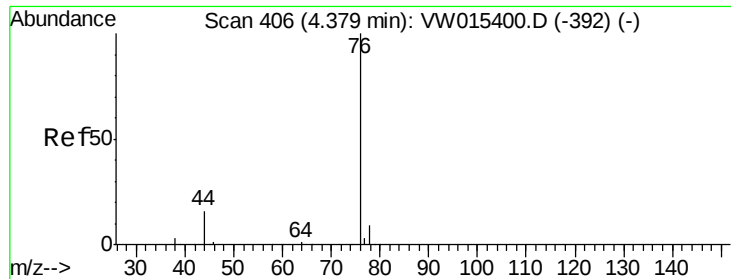
Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	43	Resp:	94603
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.4	35.0





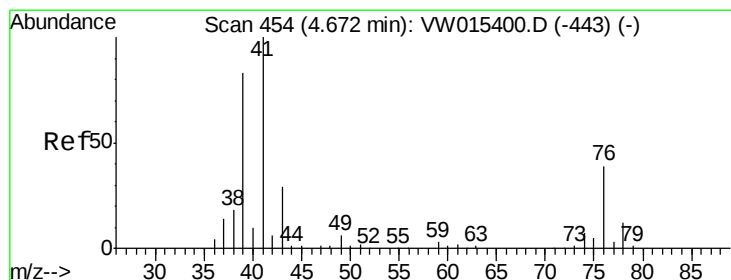
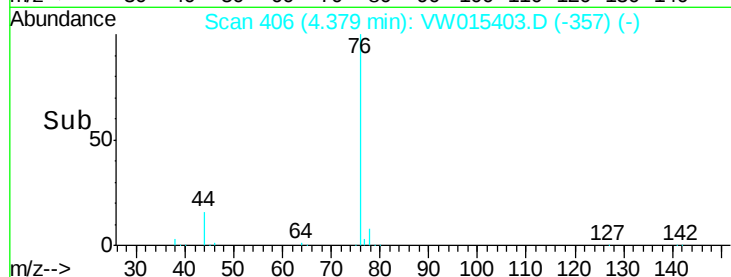
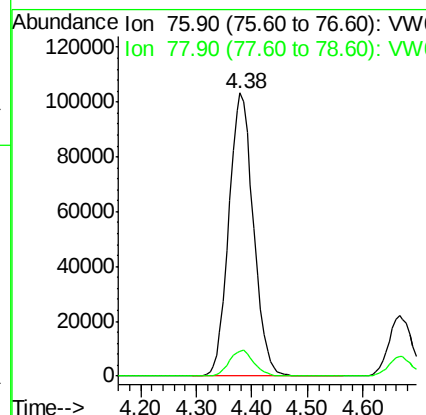
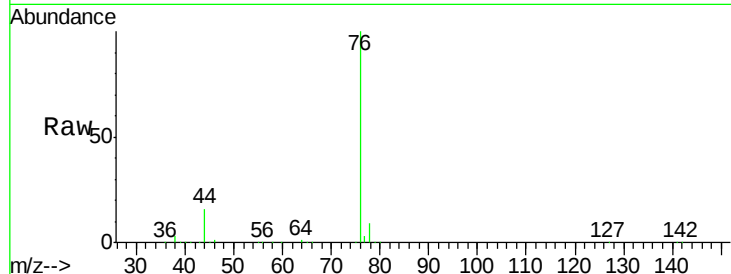
#17
Carbon Disulfide
Concen: 50.397 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	76	Resp	315047
Ion Ratio	Lower	Upper	
76	100		
78	9.0	7.3	10.9

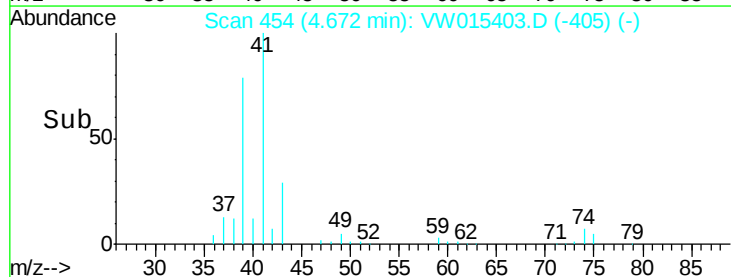
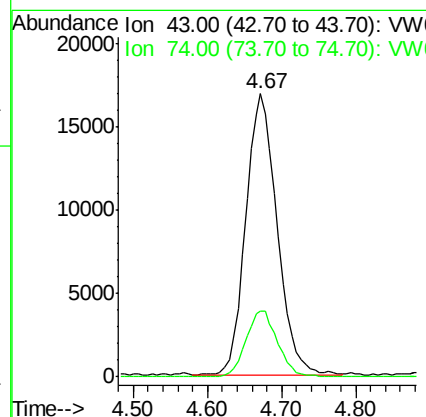
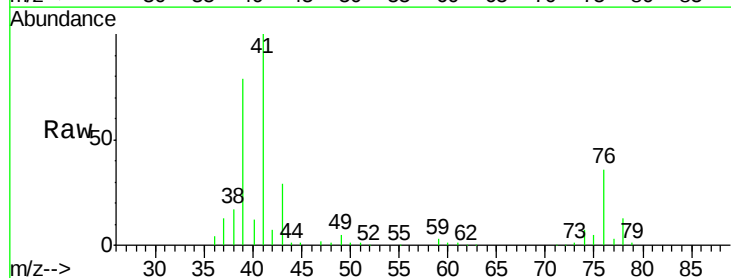
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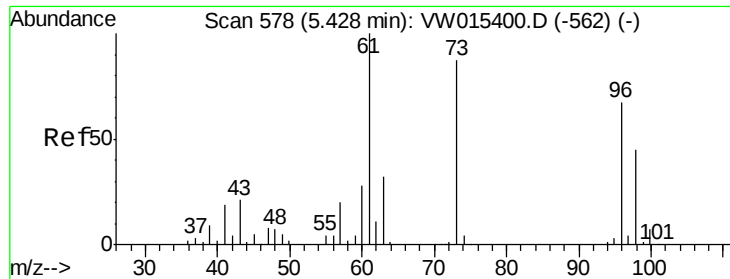
MMDadoda
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#18
Methyl Acetate
Concen: 51.964 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	43	Resp	49690
Ion Ratio	Lower	Upper	
43	100		
74	23.7	18.7	28.1





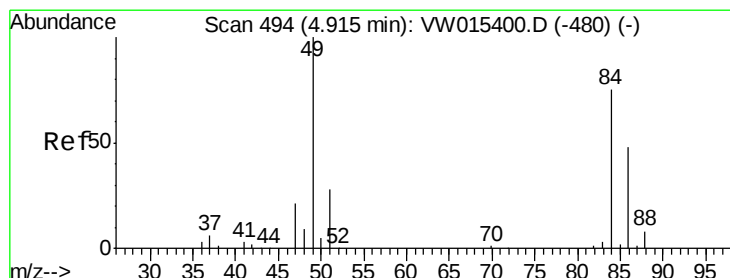
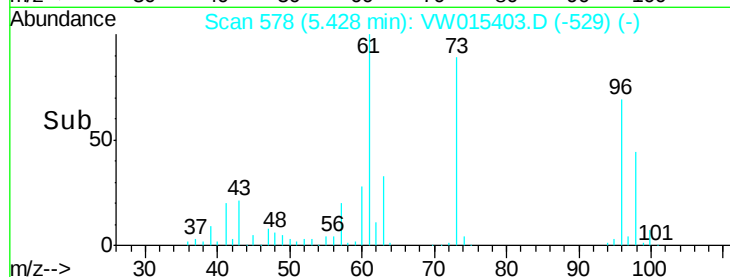
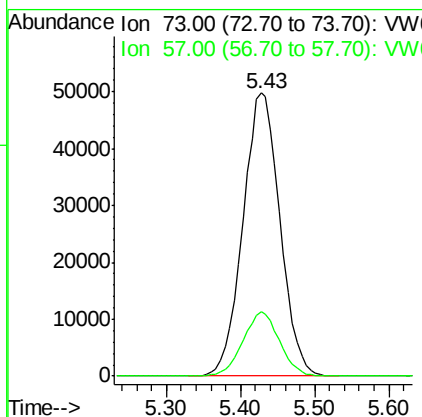
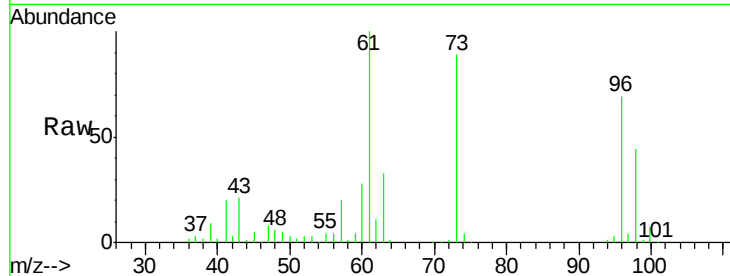
#19
Methyl tert-butyl Ether
Concen: 52.906 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion: 73 Resp: 173303
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7

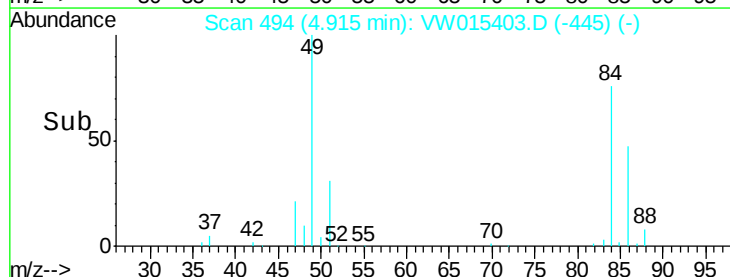
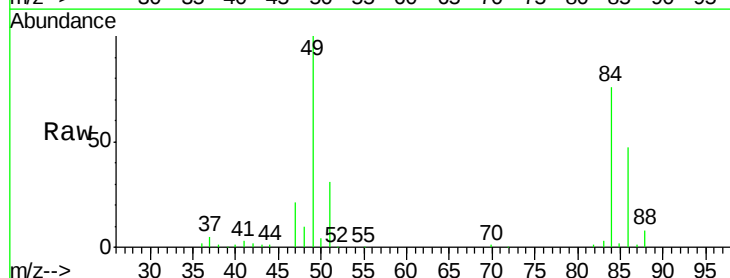
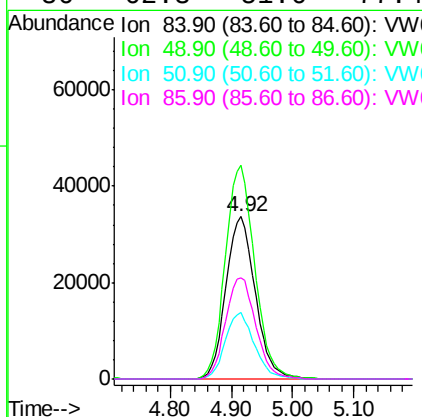
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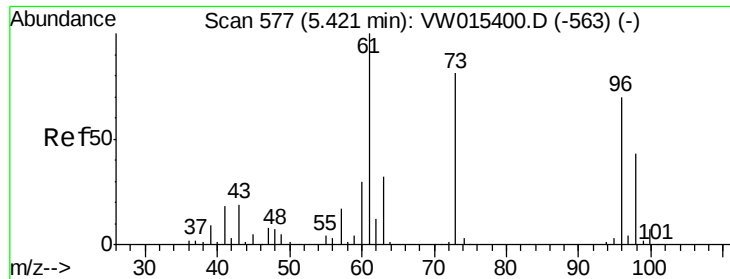
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#20
Methylene Chloride
Concen: 47.603 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 84 Resp: 111877
Ion Ratio Lower Upper
84 100
49 131.6 106.4 159.6
51 40.7 30.2 45.2
86 62.3 51.6 77.4





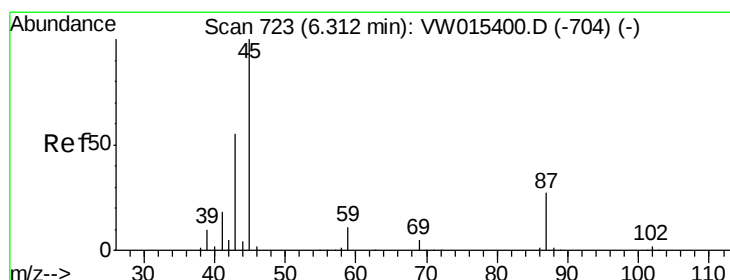
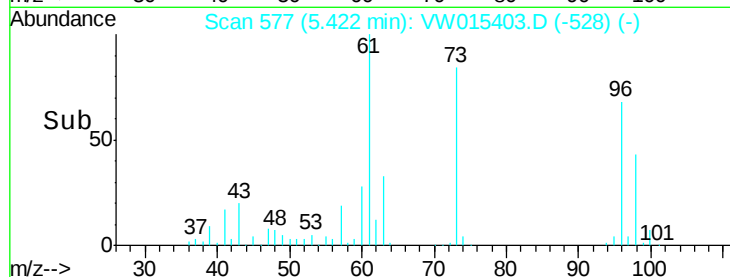
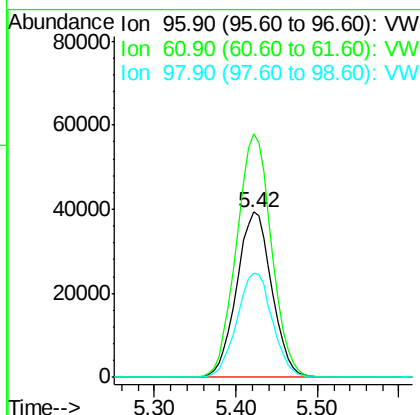
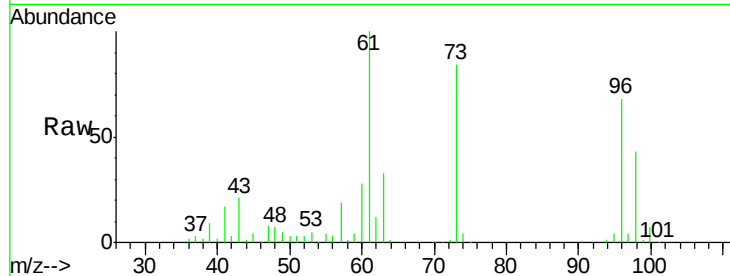
#21
trans-1,2-Dichloroethene
Concen: 50.791 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.3	114.9	172.3
98	62.7	49.4	74.0

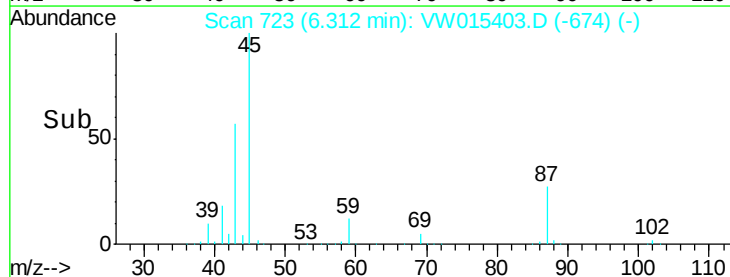
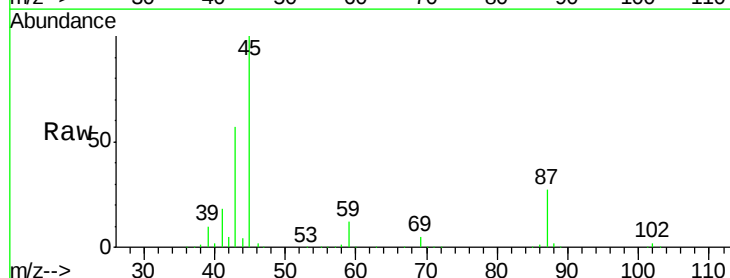
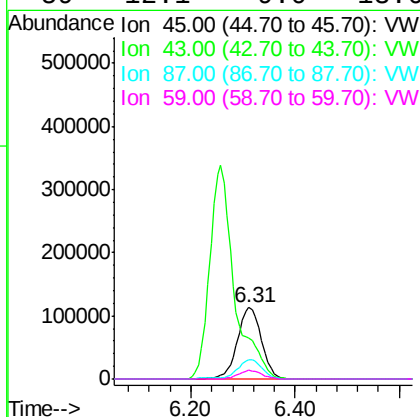
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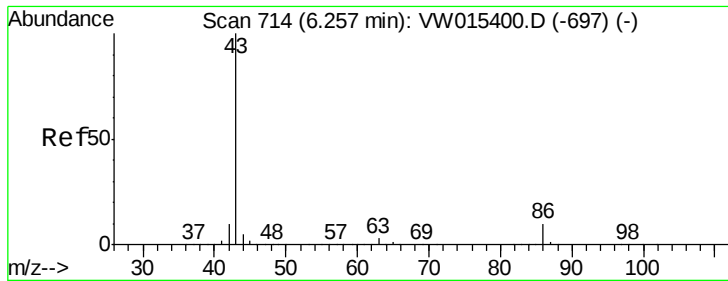
MMDadoda
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#22
Diisopropyl ether
Concen: 51.850 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.6	44.2	66.4
87	26.8	21.6	32.4
59	12.1	9.0	13.6





#23

Vinyl Acetate

Concen: 261.948 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion: 43 Resp: 1111523

Ion Ratio Lower Upper

43 100

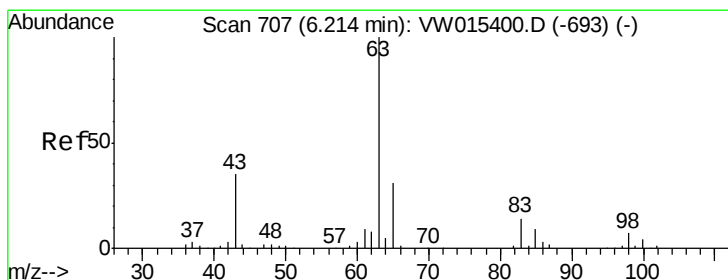
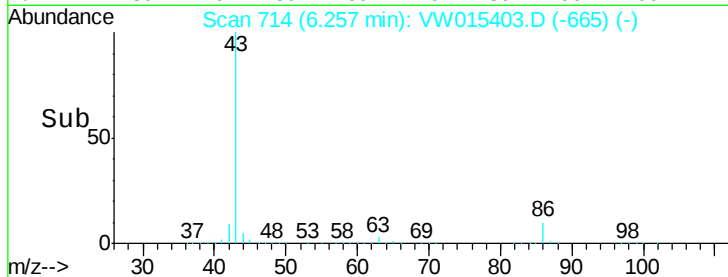
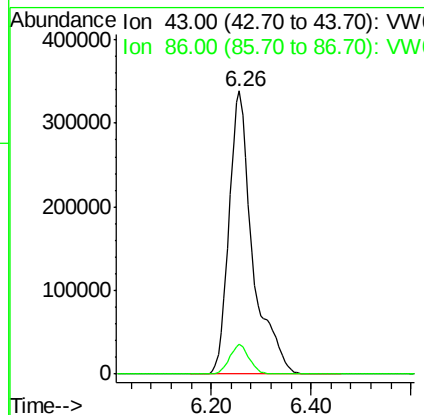
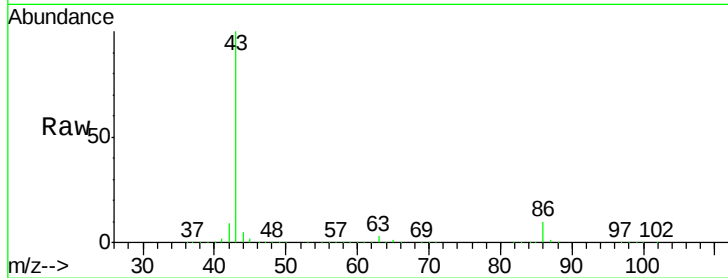
86 10.4 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 50.744 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

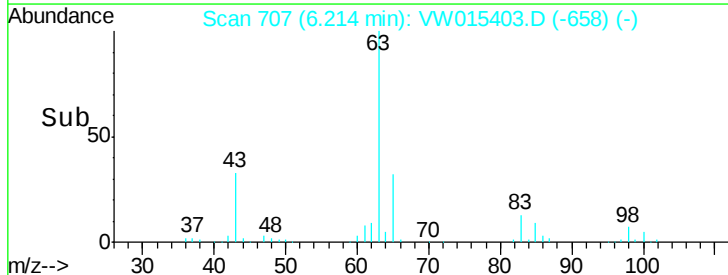
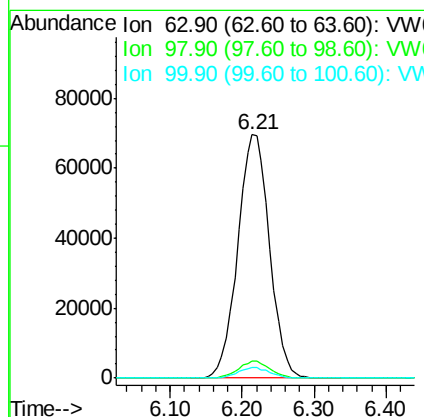
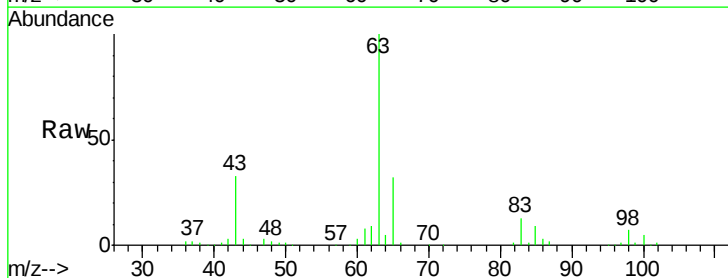
Tgt Ion: 63 Resp: 212354

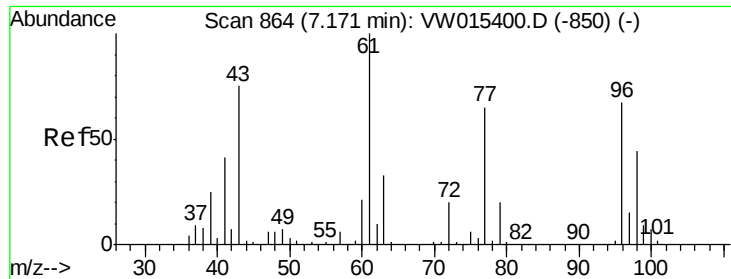
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 264.722 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion: 43 Resp: 148629

Ion Ratio Lower Upper

43 100

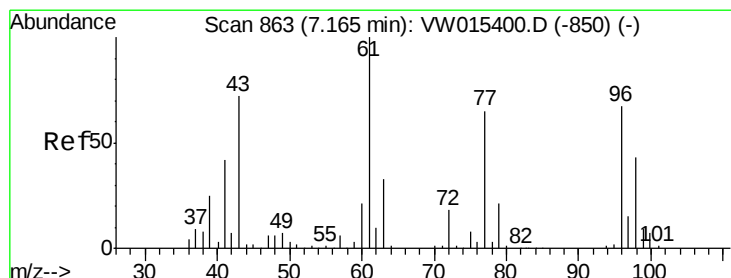
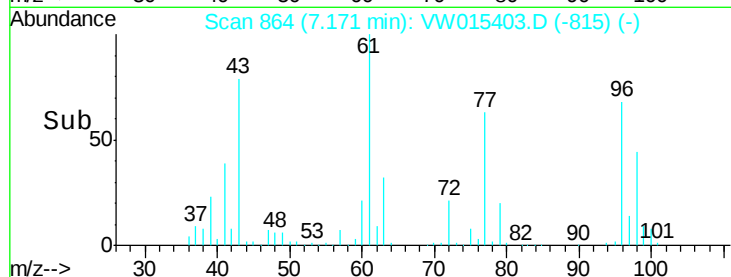
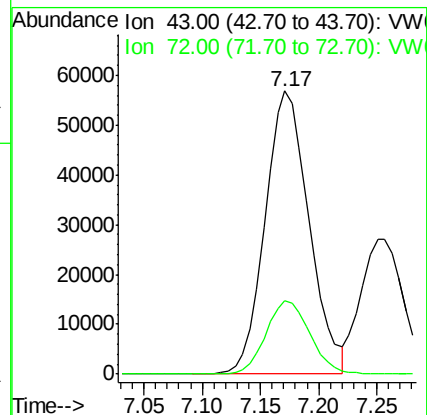
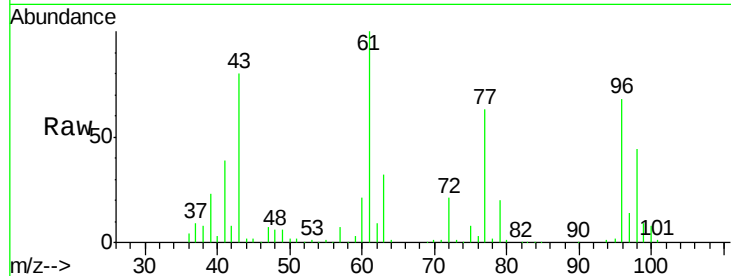
72 26.1 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.801 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015403.D

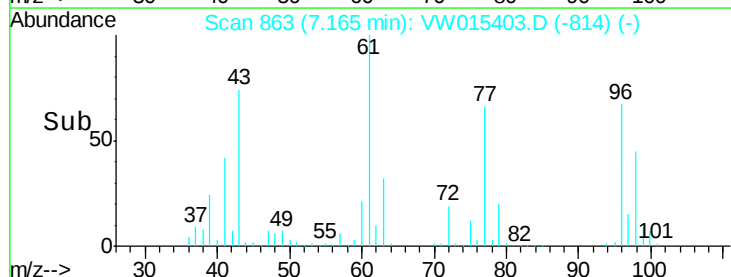
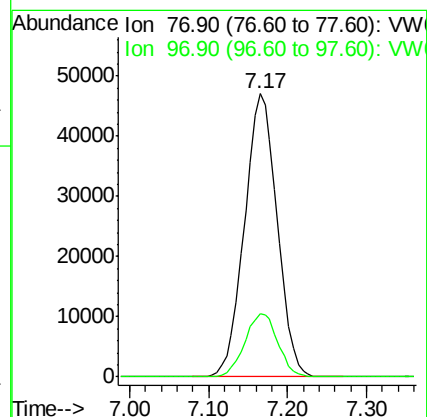
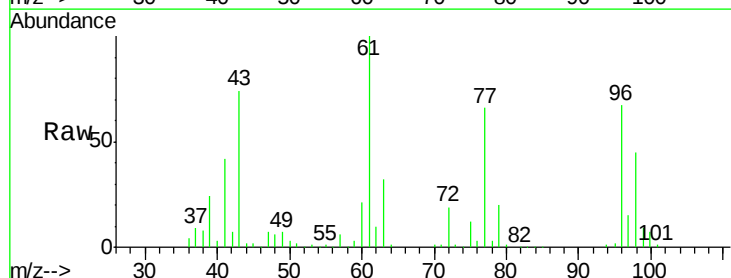
Acq: 05 May 2020 19:49

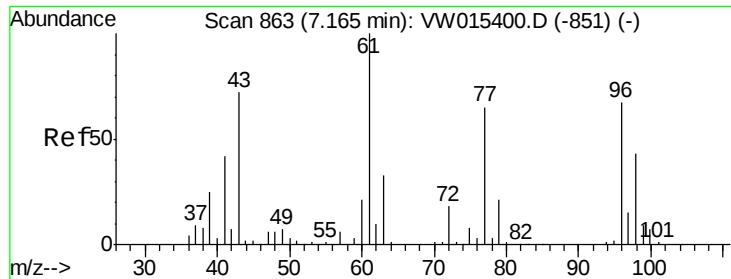
Tgt Ion: 77 Resp: 135357

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.858 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

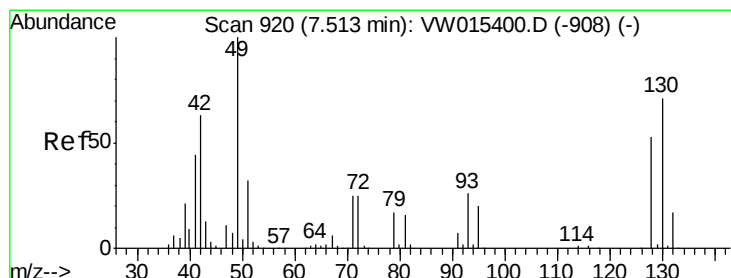
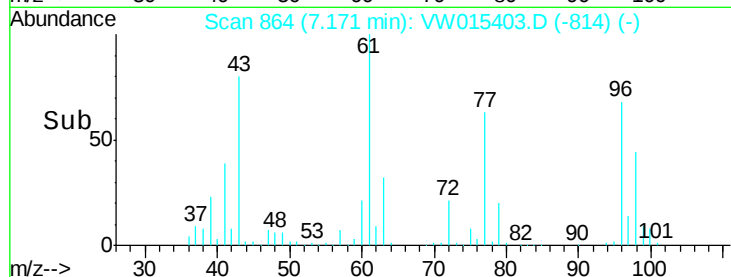
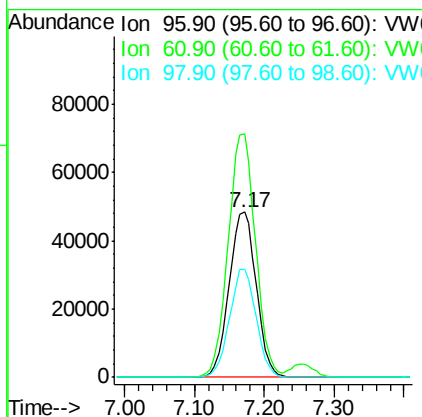
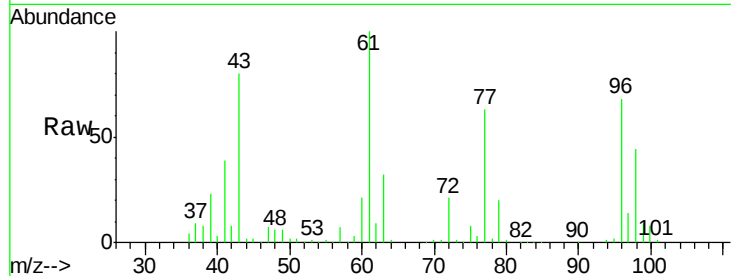
ClientSampleId :

ICVW050620

Tot Ion:	96	Resp:	130320
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	304.6
98	64.1	0.0	129.2

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#28

Bromochloromethane

Concen: 51.477 ug/l

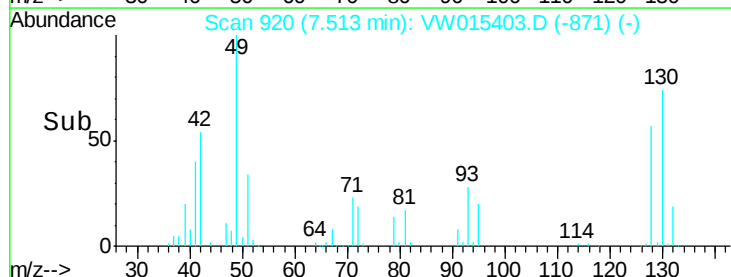
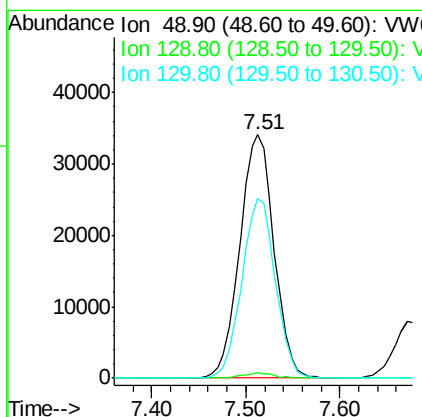
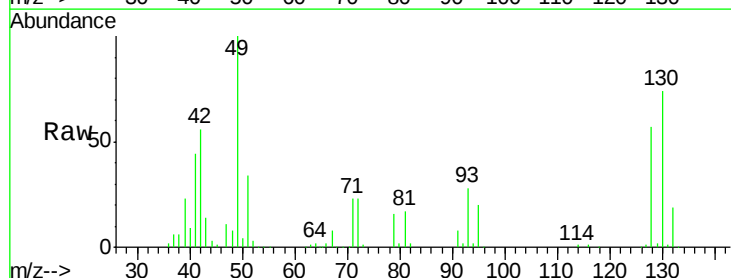
RT: 7.51 min Scan# 920

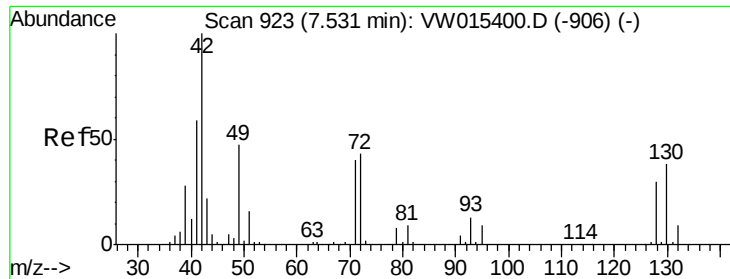
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	49	Resp:	86617
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.0
130	72.3	57.0	85.4





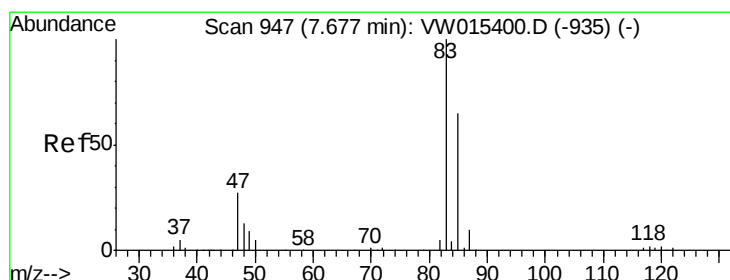
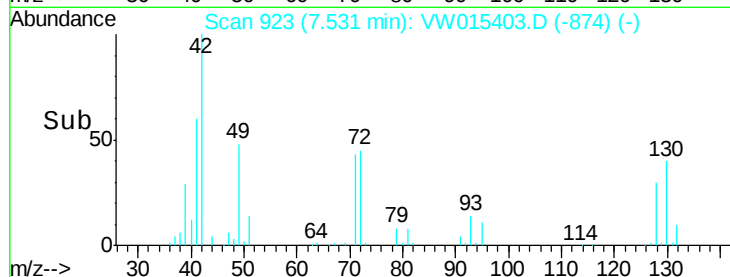
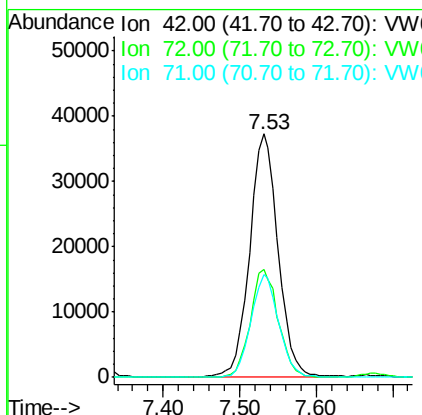
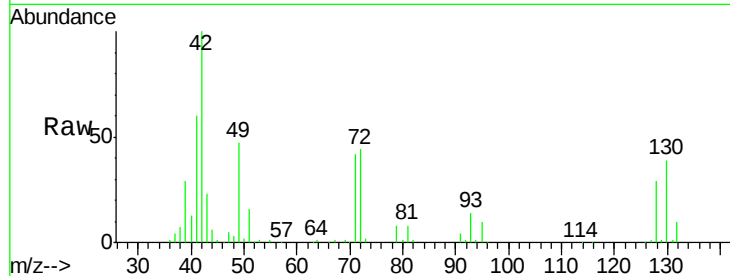
#29
Tetrahydrofuran
Concen: 262.075 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	33.6	50.4
71	41.0	32.1	48.1

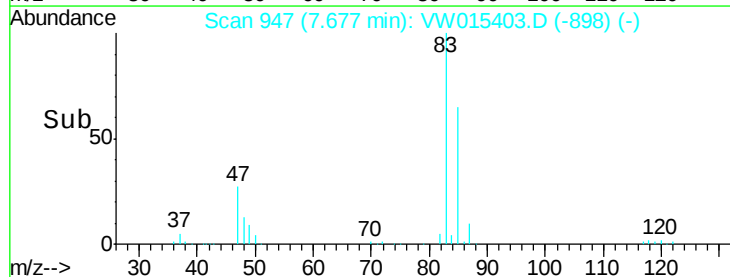
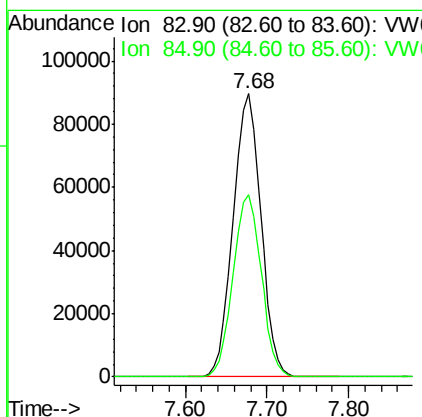
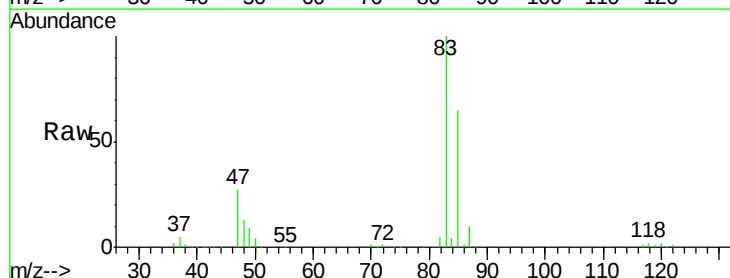
Manual Integrations
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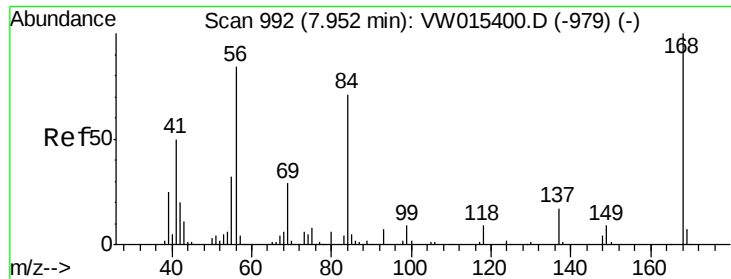
MMDadoda
5/6/2020 12:12:11 PM



#30
Chloroform
Concen: 50.833 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6





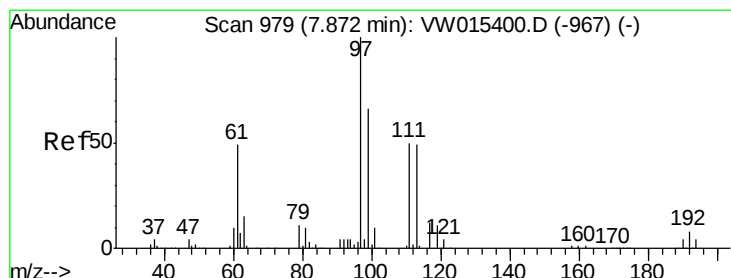
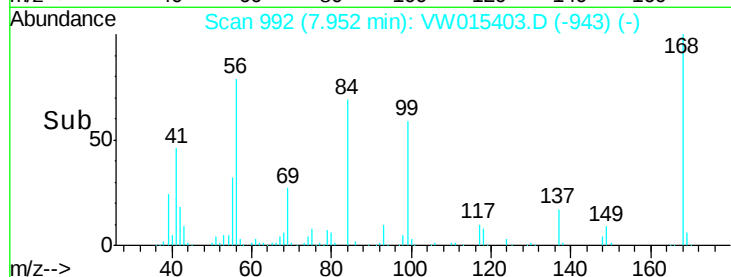
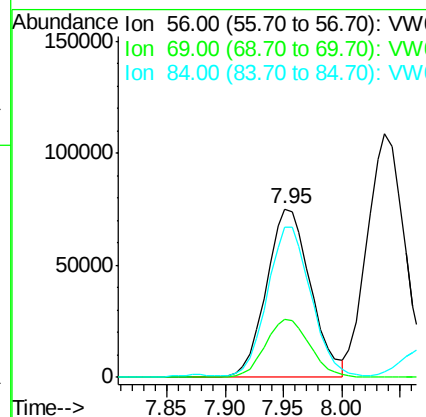
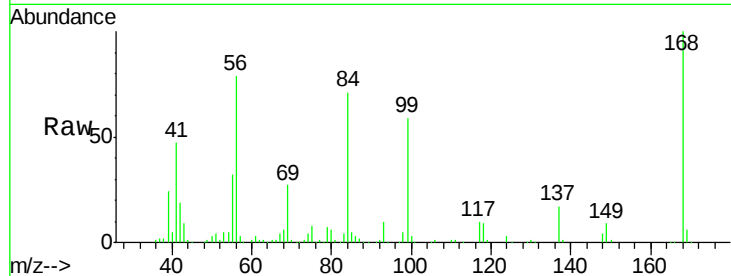
#31
Cyclohexane
Concen: 46.533 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	Ratio	Resp	Lower	Upper
56	100	197718		
69	34.5		27.2	40.8
84	87.9		67.7	101.5

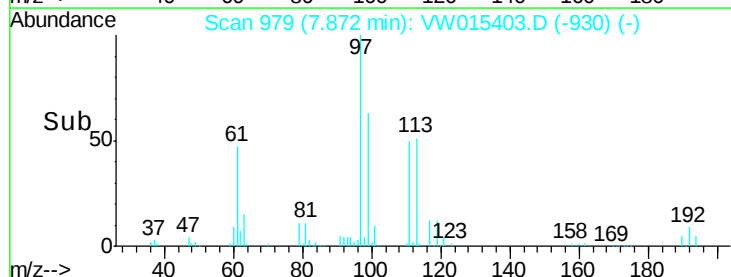
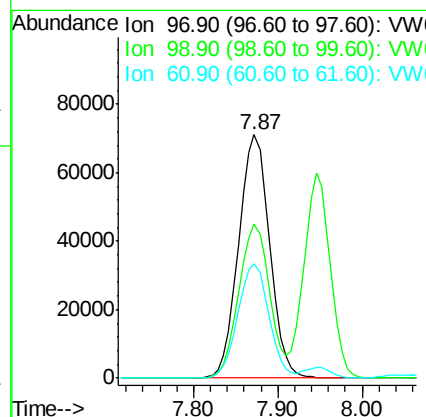
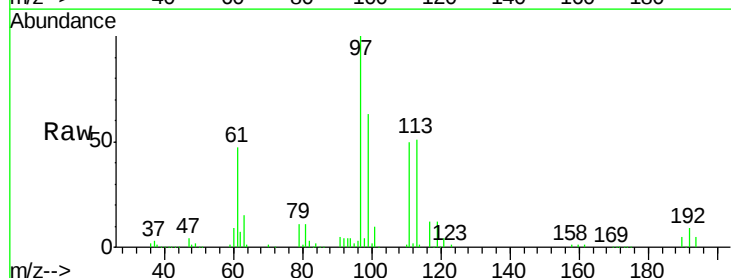
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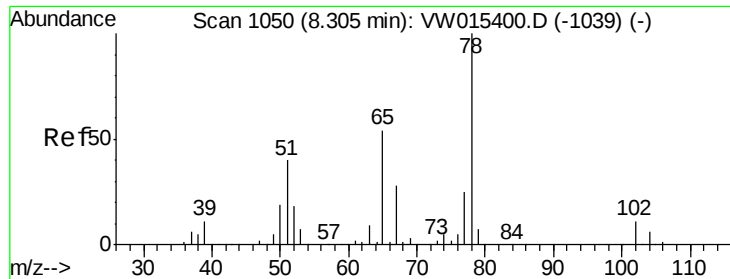
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.538 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	176611		
99	63.3		50.7	76.1
61	47.2		38.0	57.0





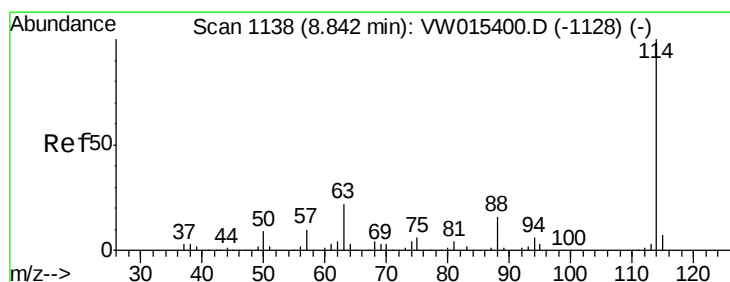
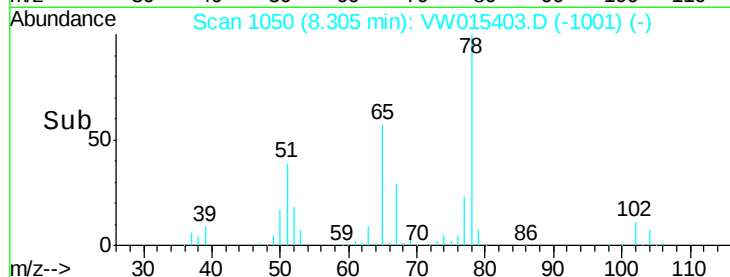
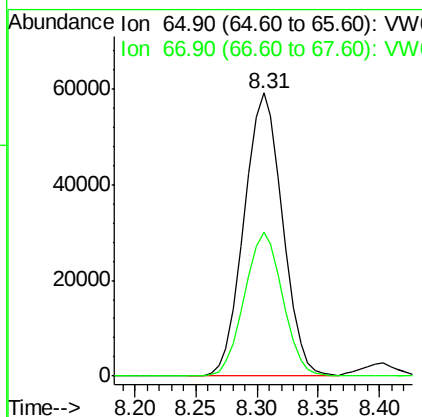
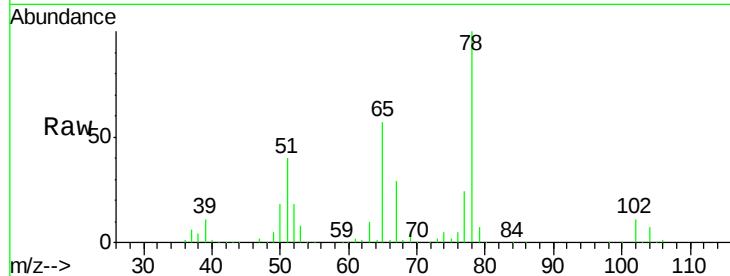
#33
 1,2-Dichloroethane-d4
 Concen: 55.758 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129287		
67	50.6	0.0	102.8	

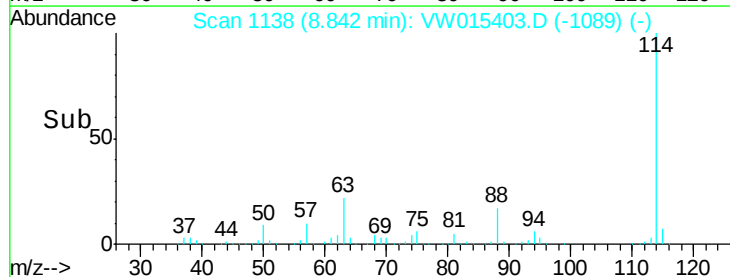
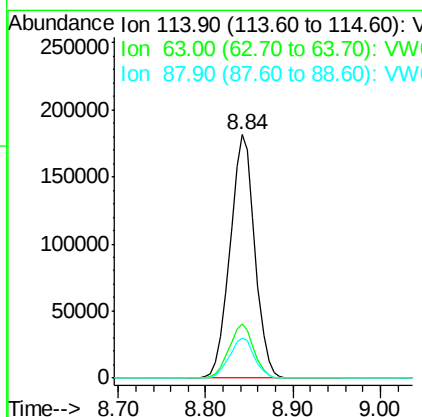
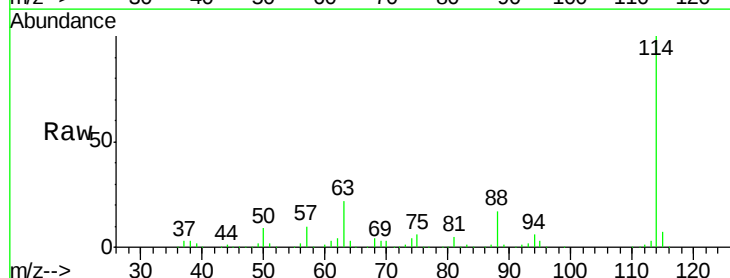
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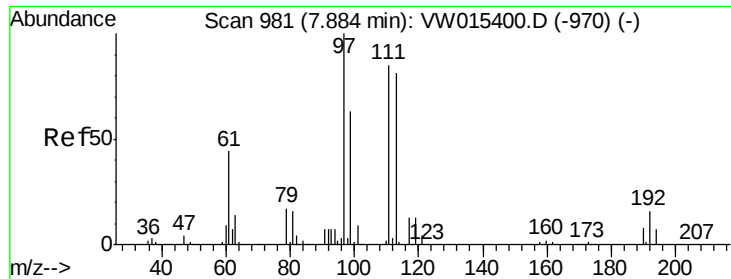
MMDadoda
 5/6/2020 12:12:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	355500		
63	22.1	0.0	43.4	
88	16.7	0.0	31.8	





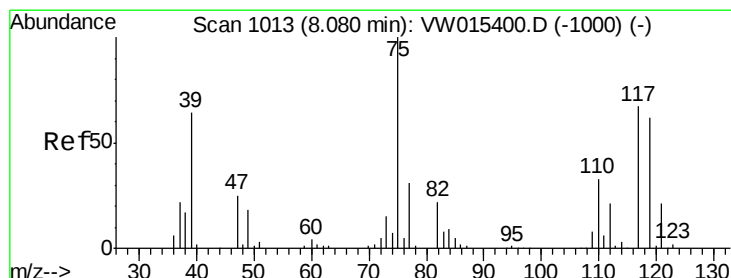
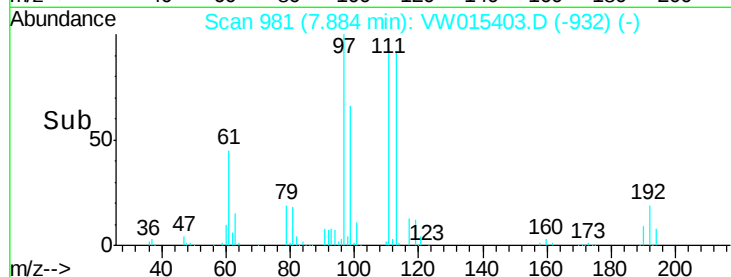
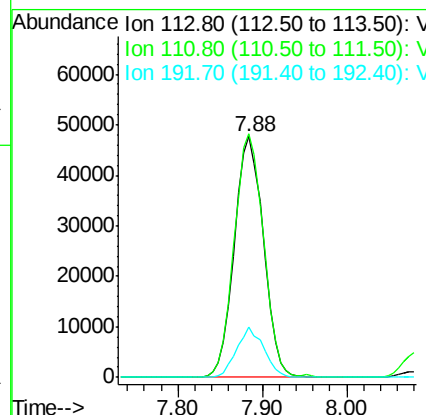
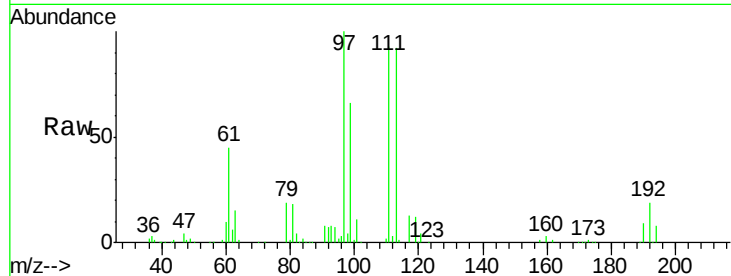
#35
 Dibromofluoromethane
 Concen: 54.813 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111842		
111	101.7	82.9	124.3	
192	19.4	15.4	23.0	

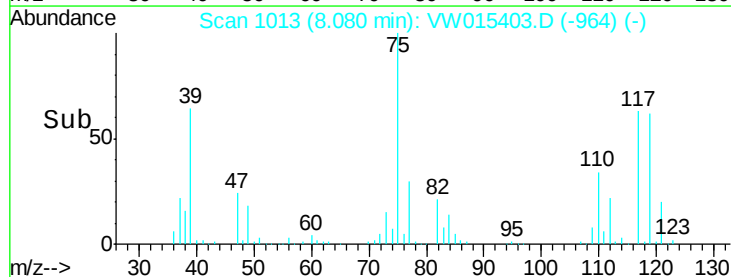
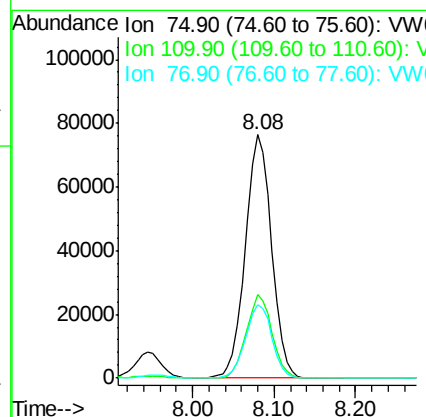
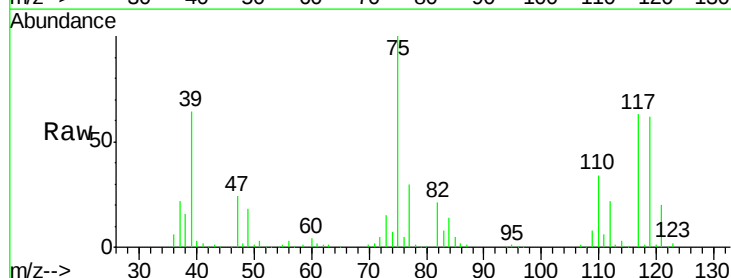
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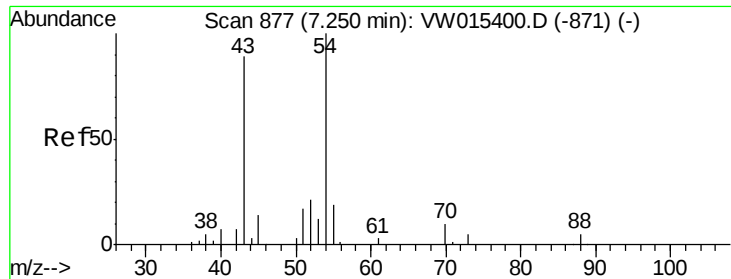
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#36
 1,1-Dichloropropene
 Concen: 48.851 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170622		
110	33.5	16.6	49.8	
77	30.6	24.5	36.7	





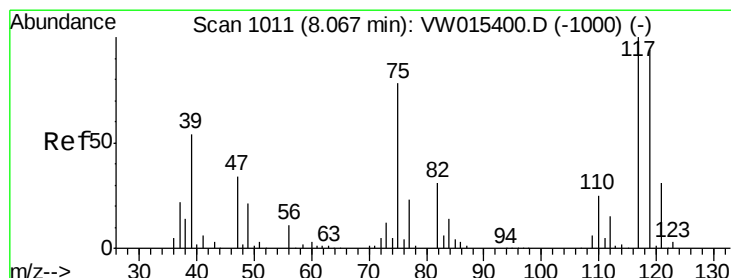
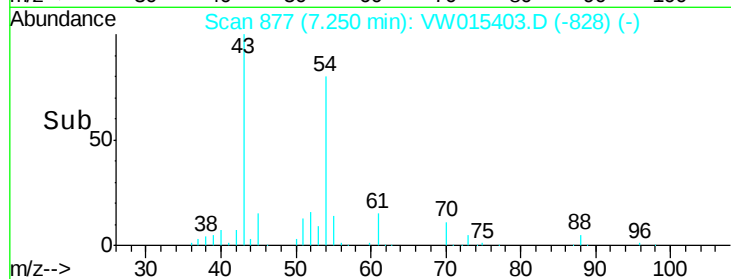
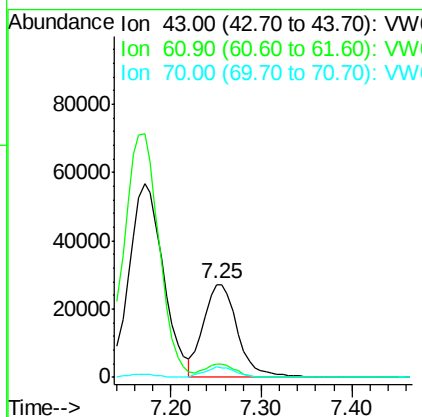
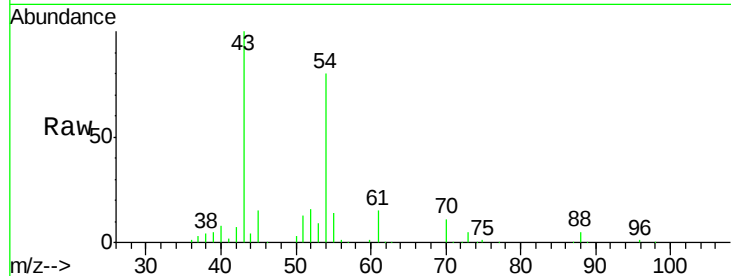
#37
Ethyl Acetate
Concen: 52.144 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	10.2	8.0	12.0

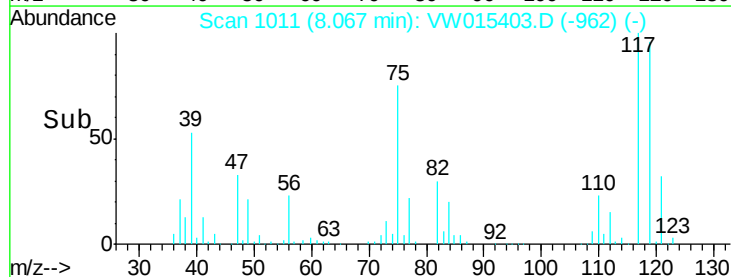
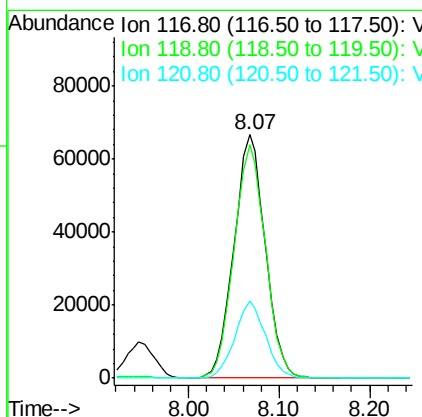
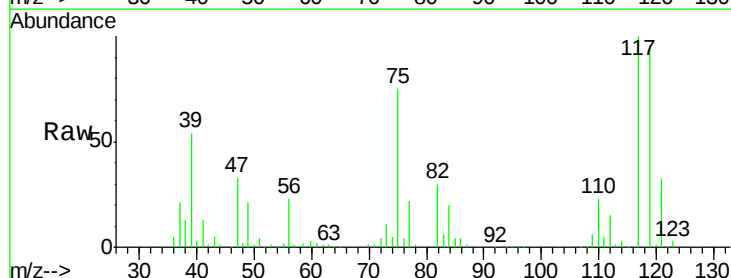
Manual Integrations
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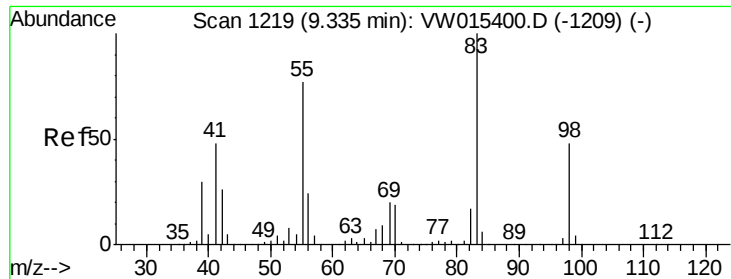
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#38
Carbon Tetrachloride
Concen: 48.802 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
121	31.5	24.8	37.2





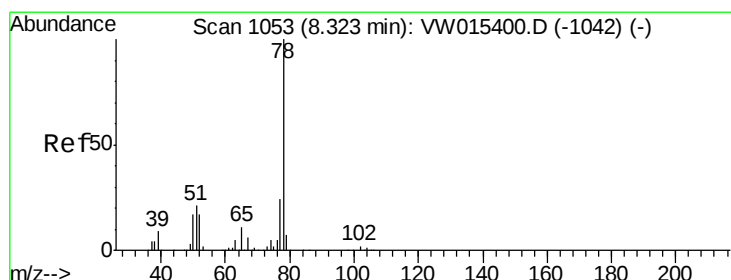
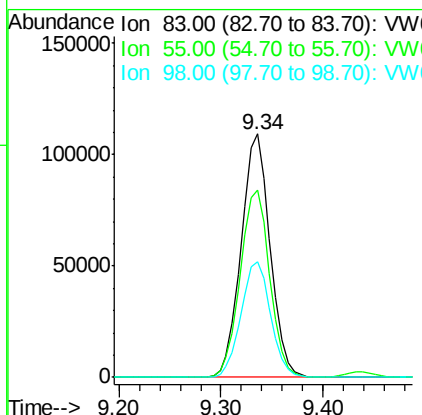
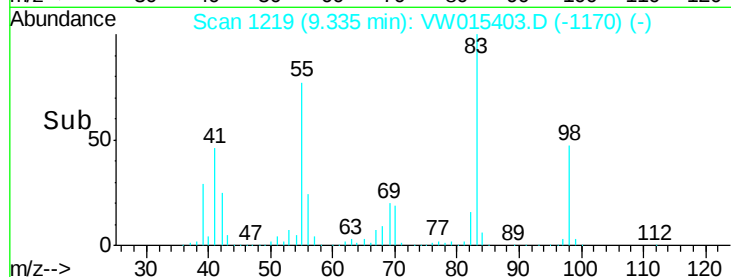
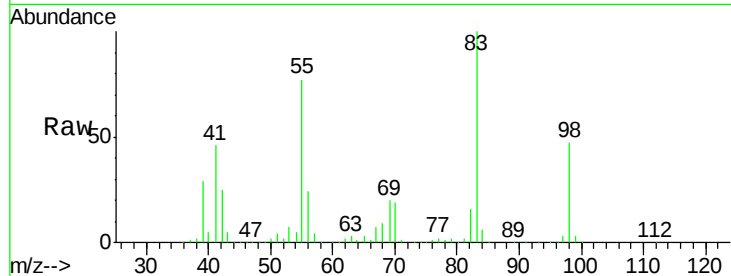
#39
Methvlcvclohexane
Concen: 48.726 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215430		
55	77.1	61.9	92.9	
98	47.5	38.2	57.2	

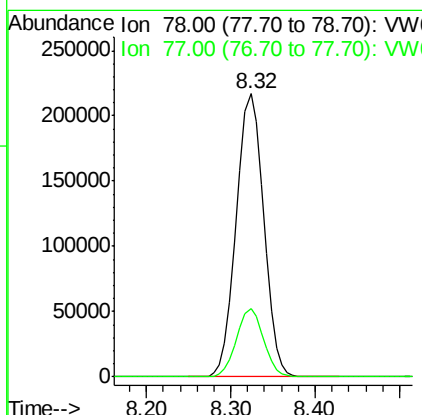
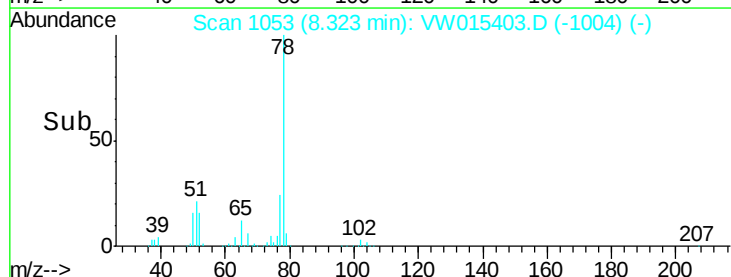
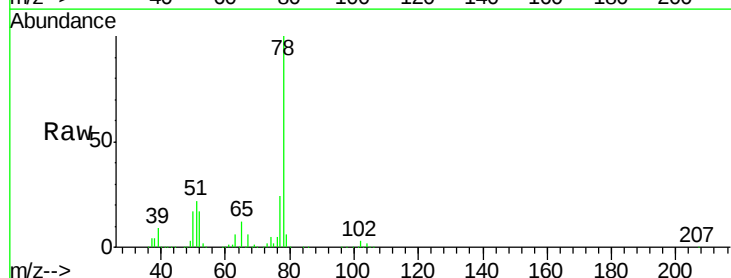
Manual Integrations
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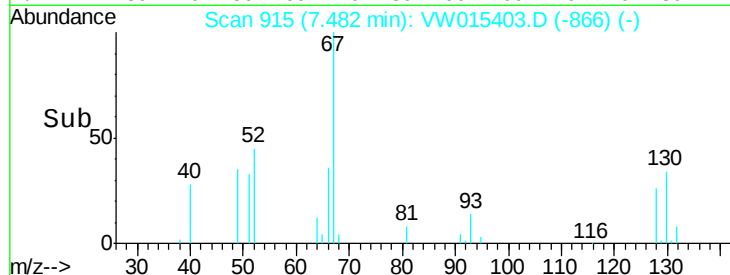
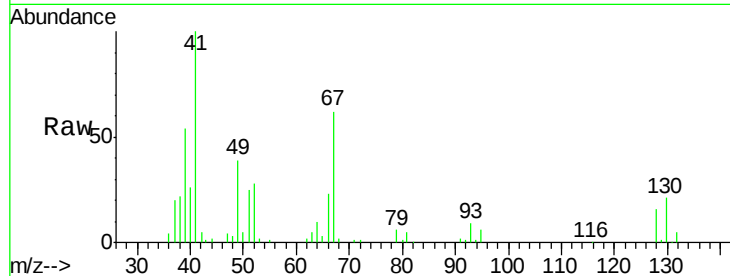
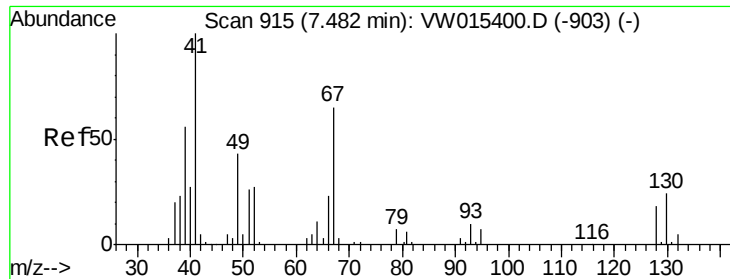
MMDadoda
5/6/2020 12:12:11 PM



#40
Benzene
Concen: 50.084 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	477098		
77	23.9	19.0	28.4	





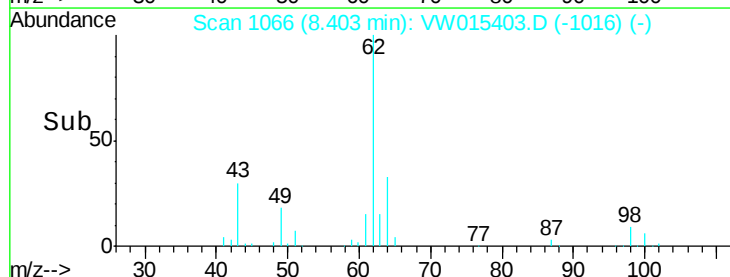
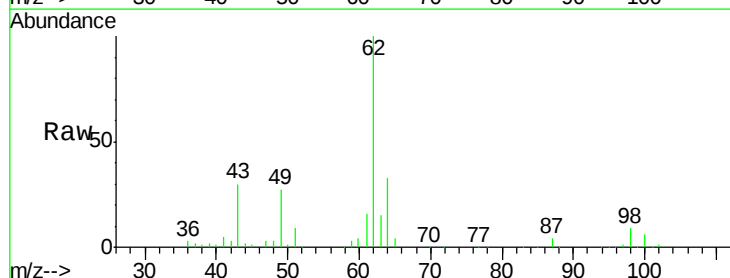
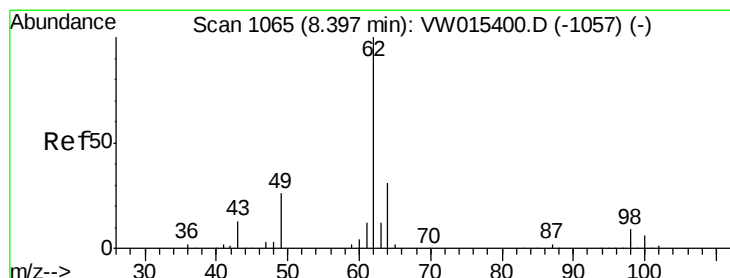
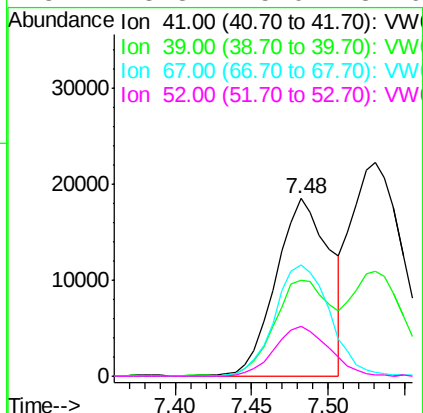
#41
Methacrylonitrile
Concen: 52.779 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tot Ion	41	Resp	45194
Ion	Ratio	Lower	Upper
41	100		
39	57.4	46.2	69.4
67	64.7	56.2	84.2
52	28.8	25.0	37.6

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

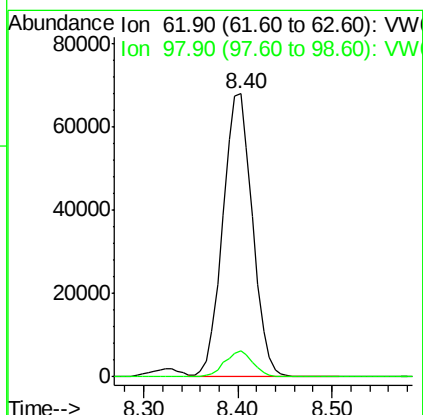
Manual Integrations
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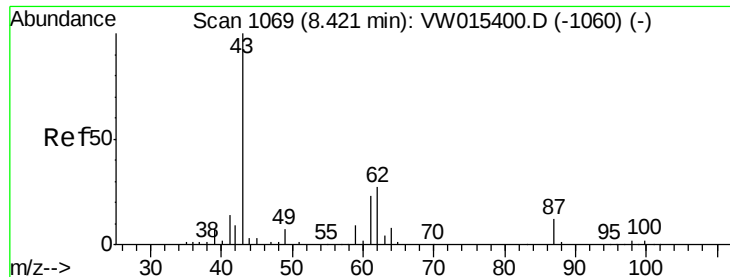
MMDadoda
5/6/2020 12:12:11 PM



#42
1,2-Dichloroethane
Concen: 50.930 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	62	Resp	147769
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 51.921 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

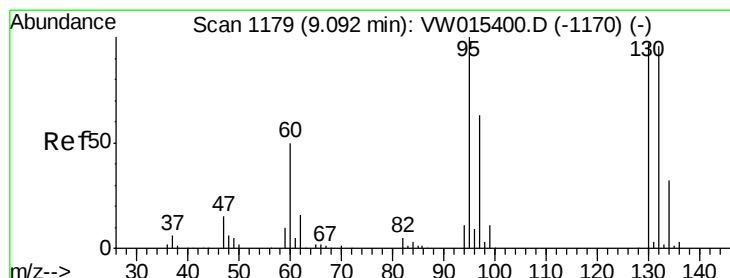
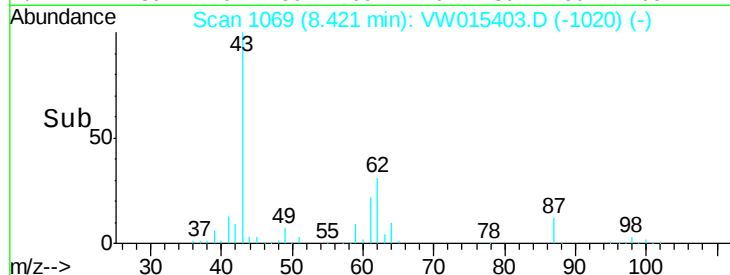
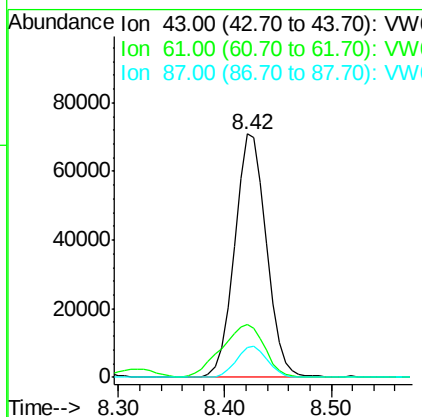
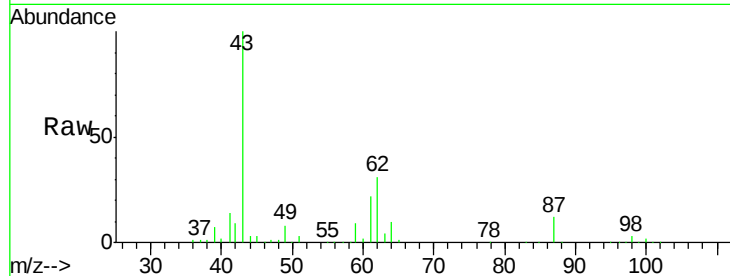
ClientSampleId :

ICVW050620

Tot Ion:	43	Resp:	147986
Ion	Ratio	Lower	Upper
43	100		
61	29.4	24.3	36.5
87	12.7	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 49.803 ug/l

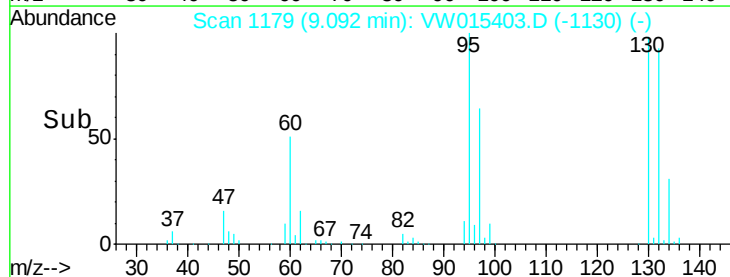
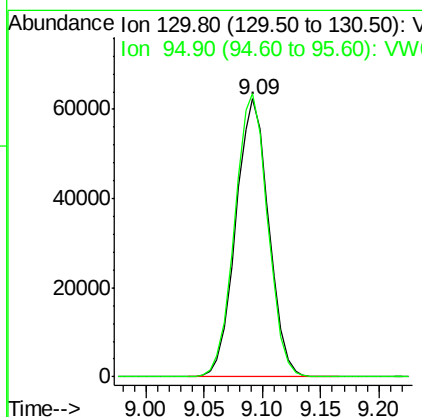
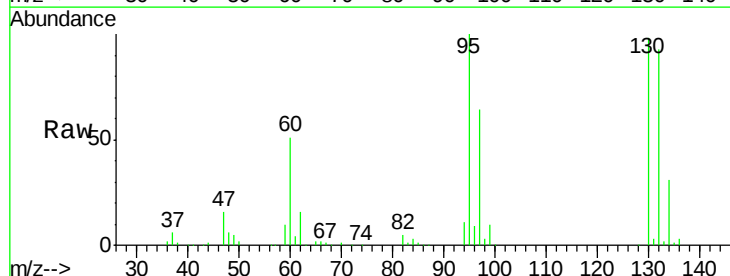
RT: 9.09 min Scan# 1179

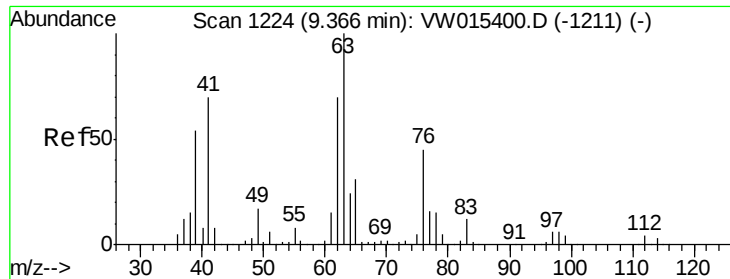
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	130	Resp:	122960
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	205.8





#45

1,2-Dichloropropane

Concen: 50.345 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion: 63 Resp: 118471

Ion Ratio Lower Upper

63 100

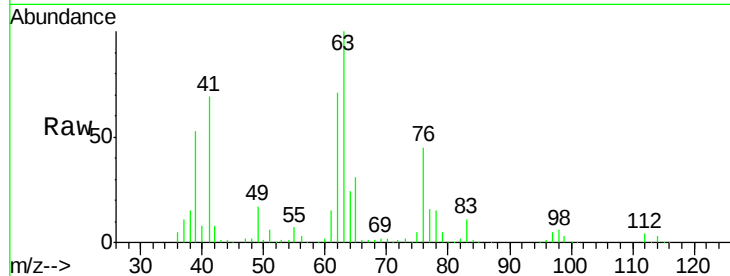
65 30.9 25.0 37.6

Manual Integrations

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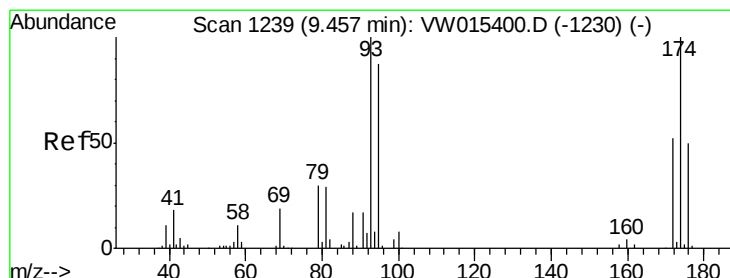
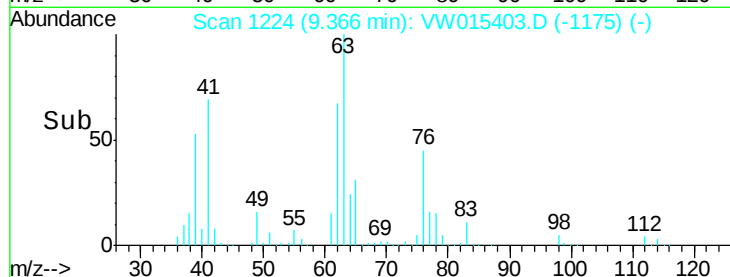
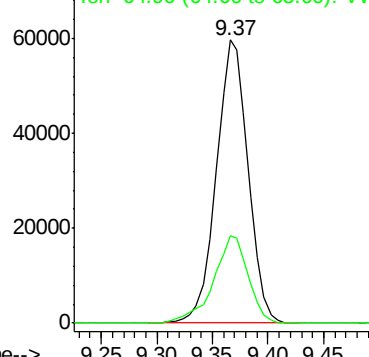
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 51.280 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

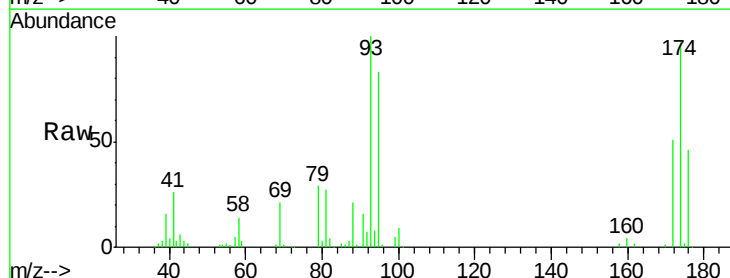
Tgt Ion: 93 Resp: 60019

Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.4

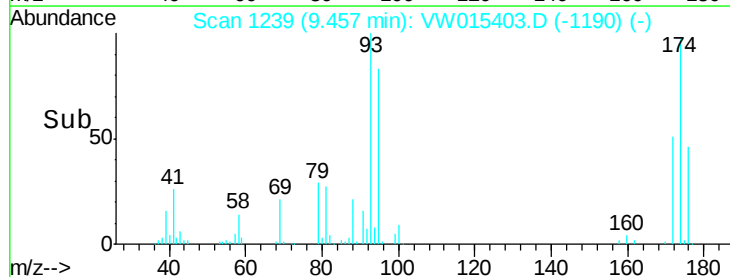
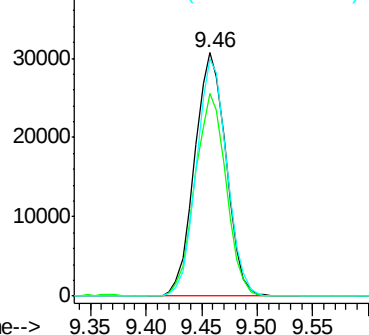
174 94.7 78.4 117.6

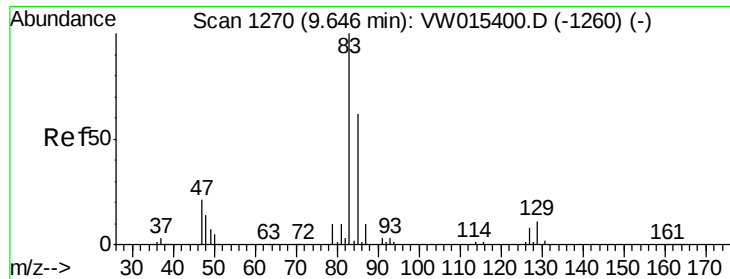


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.065 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

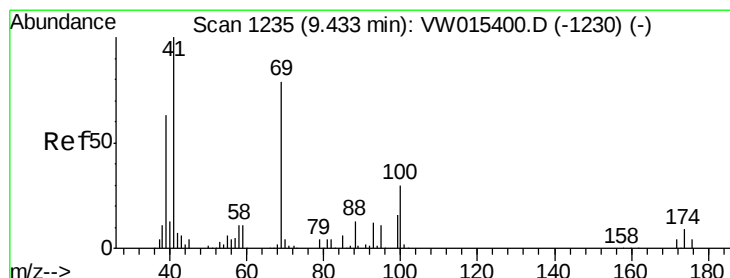
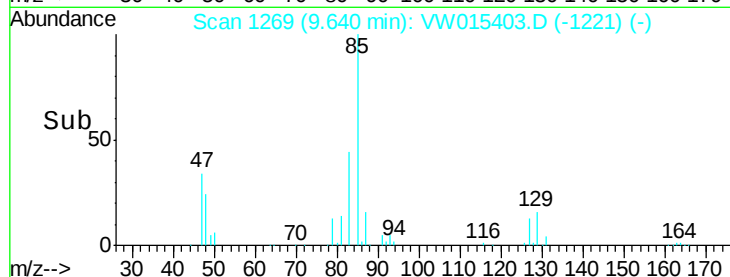
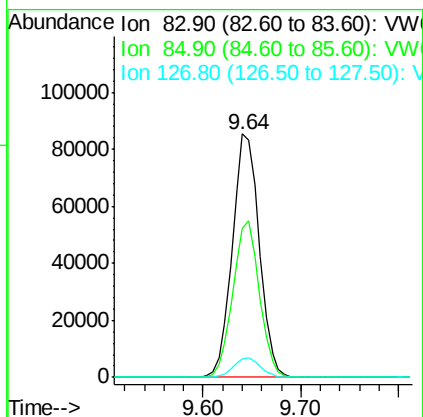
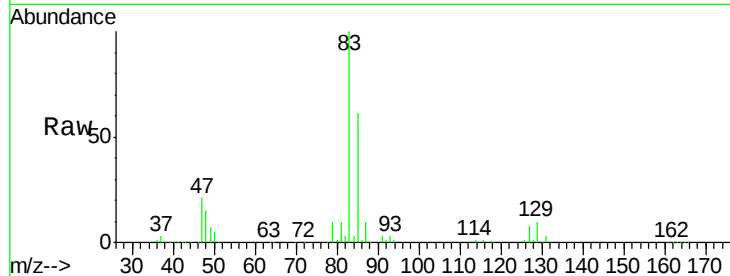
ClientSampled :

ICVW050620

Tot Ion:	83	Resp:	162884
Ion Ratio	Lower	Upper	
83	100		
85	61.1	49.4	74.0
127	7.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.051 ug/l

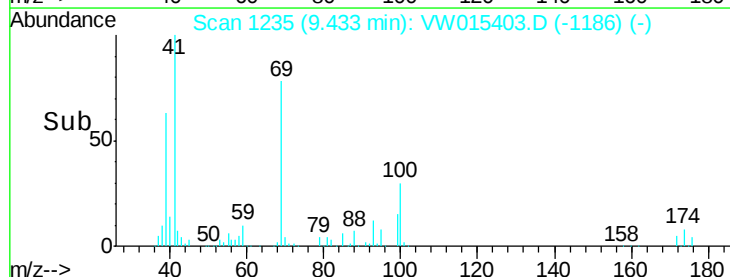
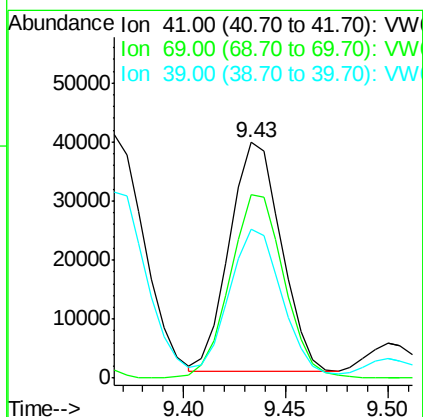
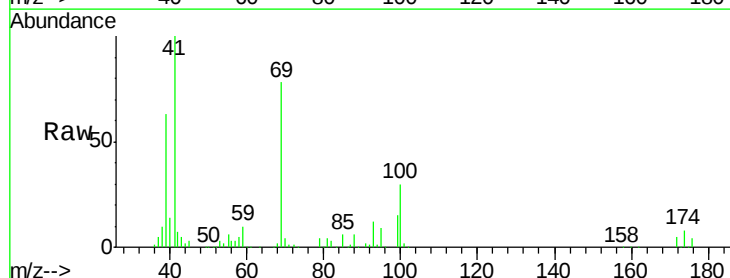
RT: 9.43 min Scan# 1235

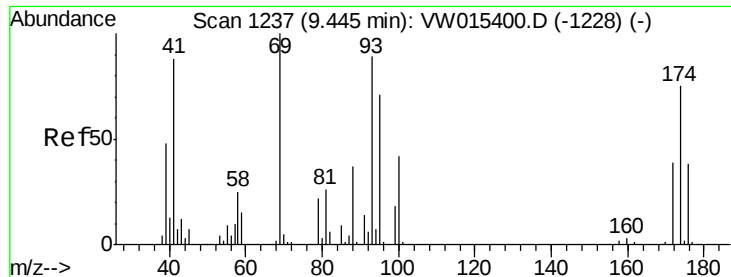
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	41	Resp:	68528
Ion Ratio	Lower	Upper	
41	100		
69	84.1	66.2	99.4
39	63.1	51.1	76.7





#49

1,4-Dioxane

Concen: 1004.606 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

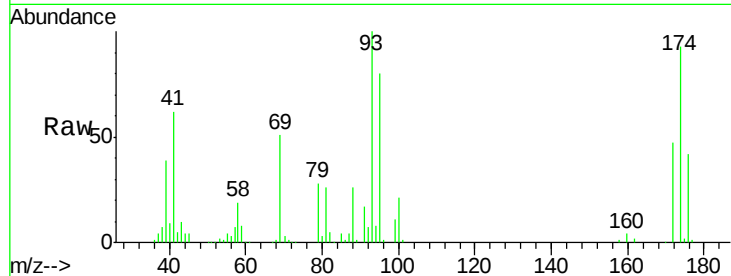
ClientSampleId :

ICVW050620

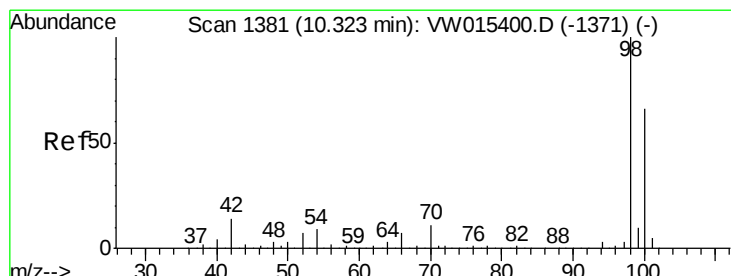
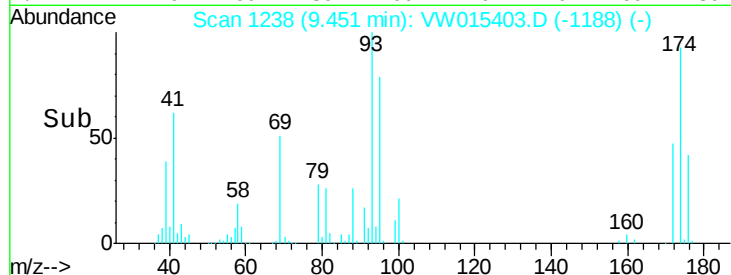
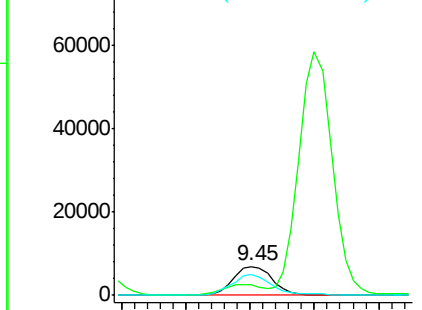
Tot Ion:	88	Resp:	14797
Ion	Ratio	Lower	Upper
88	100		
43	36.4	30.6	45.8
58	71.7	56.3	84.5

Manual Integrations
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Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 53.479 ug/l

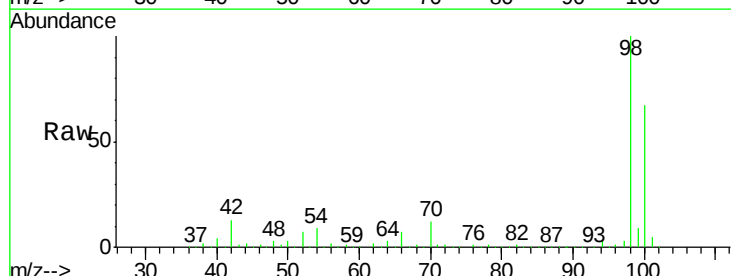
RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

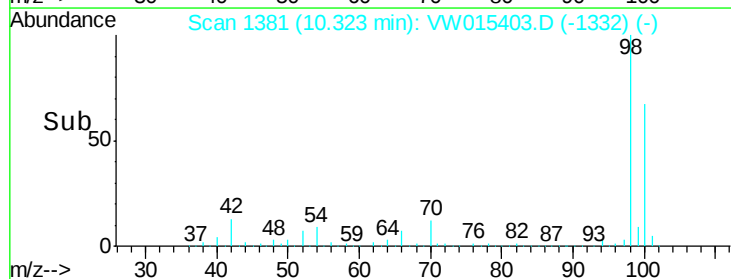
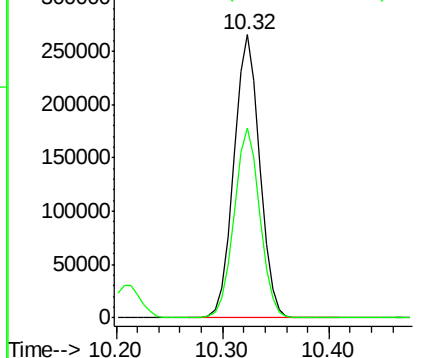
Lab File: VW015403.D

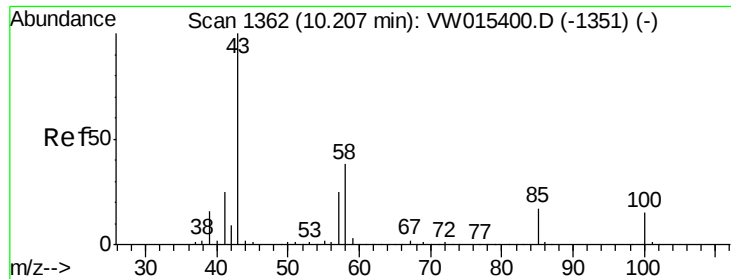
Acq: 05 May 2020 19:49

Tgt Ion:	98	Resp:	451579
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 259.588 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

ICVW050620

Tot Ion: 43 Resp: 346744

Ion Ratio Lower Upper

43 100

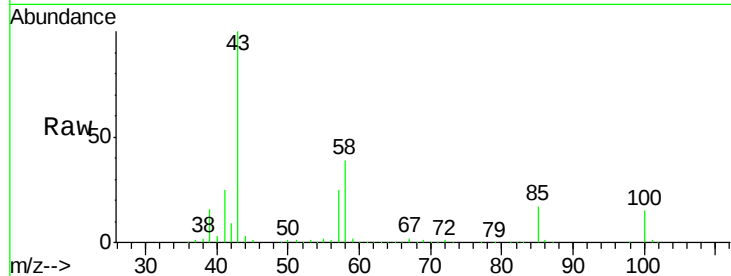
58 38.8 30.8 46.2

Manual Integrations

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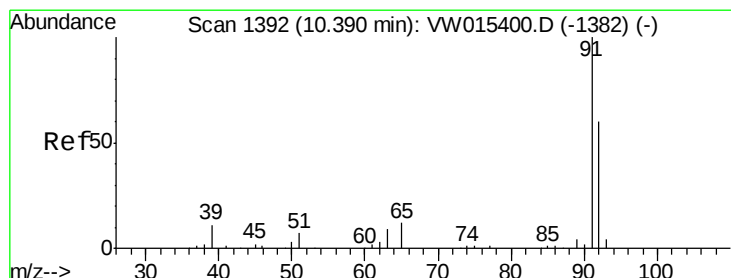
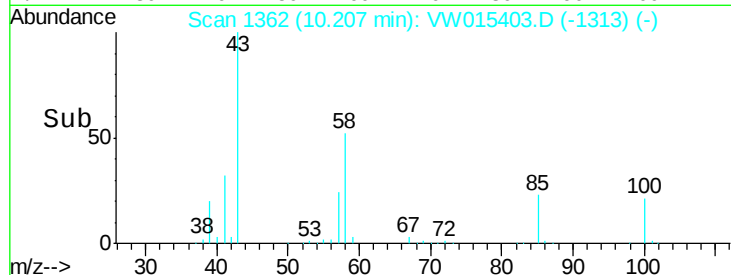
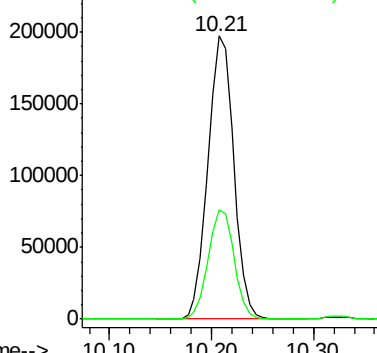
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 49.785 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015403.D

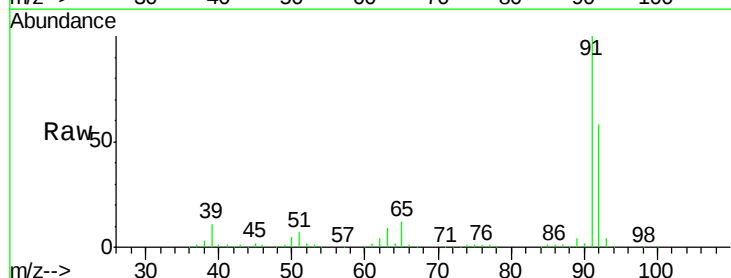
Acq: 05 May 2020 19:49

Tgt Ion: 92 Resp: 308188

Ion Ratio Lower Upper

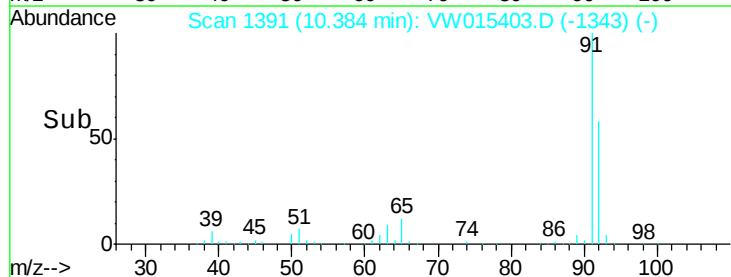
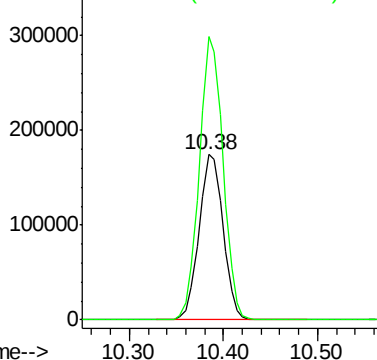
92 100

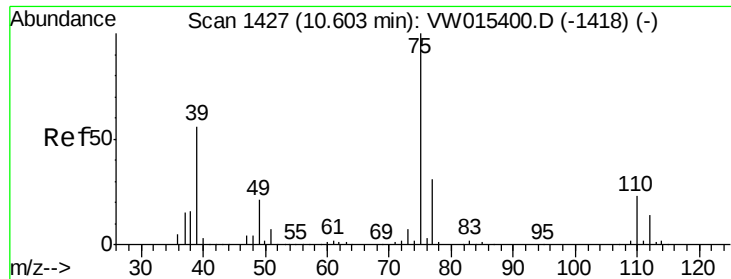
91 169.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 51.914 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

ICVW050620

Tot Ion: 75 Resp: 169023

Ion Ratio Lower Upper

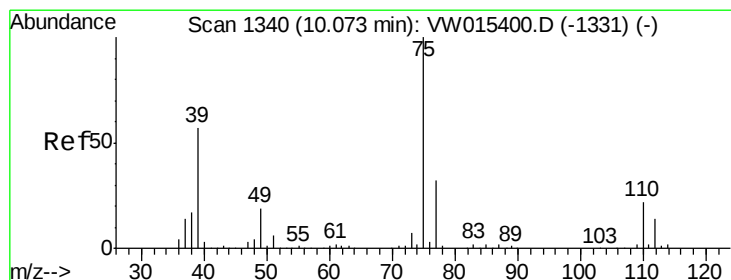
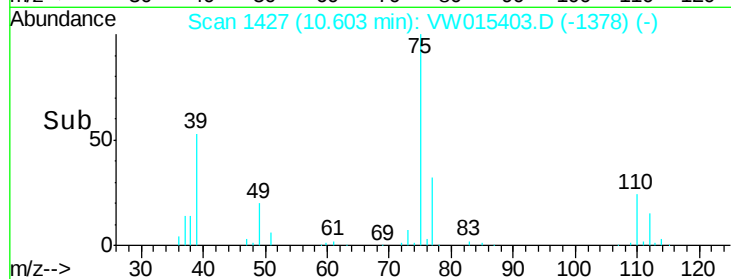
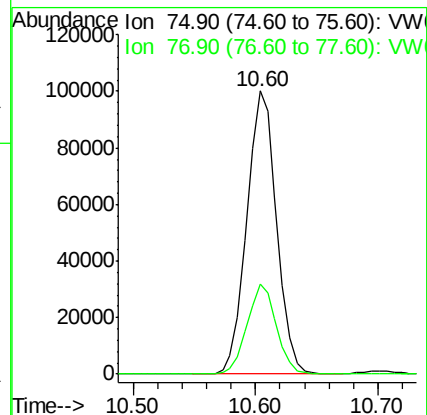
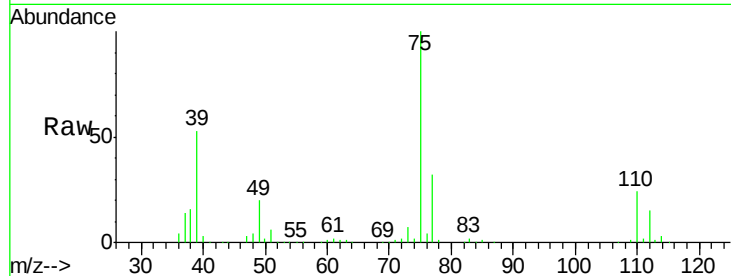
75 100

77 31.7 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 50.565 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

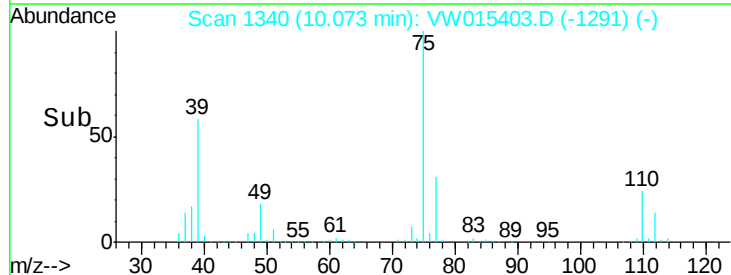
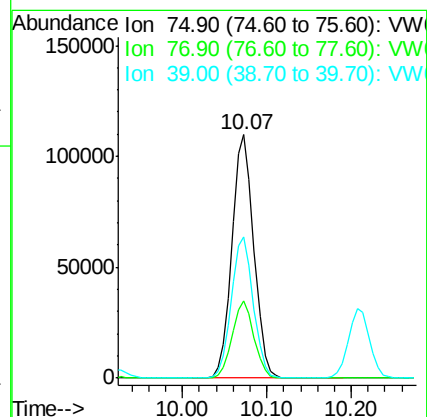
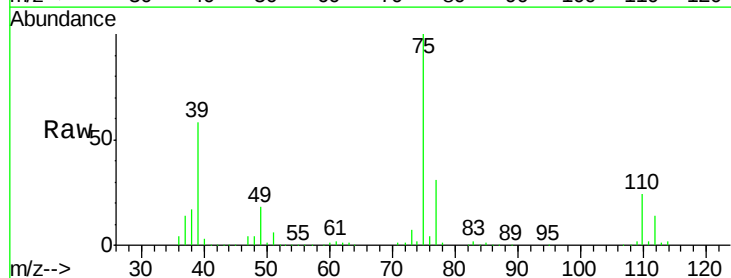
Tgt Ion: 75 Resp: 193845

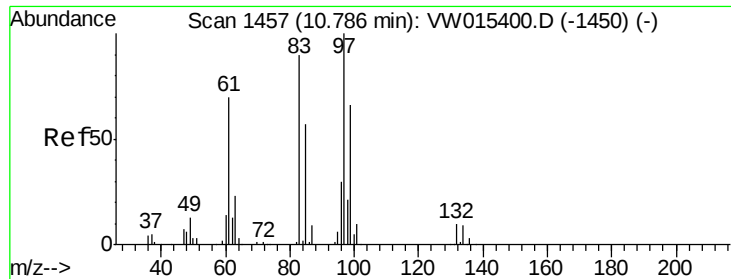
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 57.9 45.6 68.4





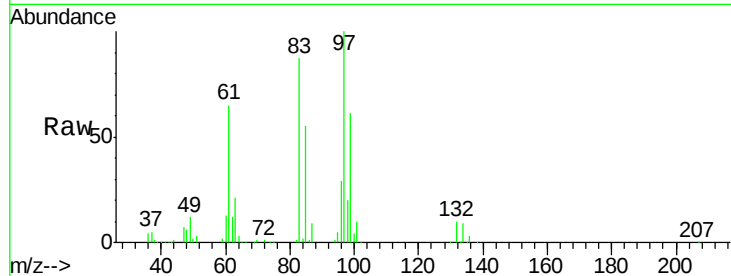
#55
 1,1,2-Trichloroethane
 Concen: 50.961 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

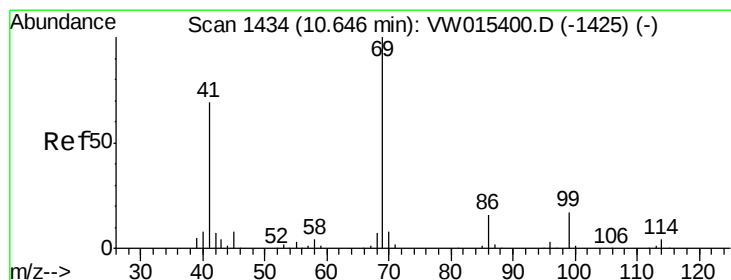
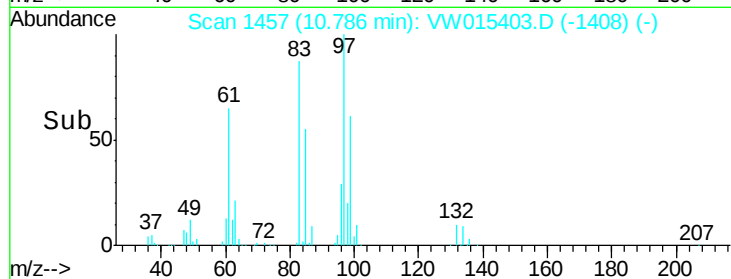
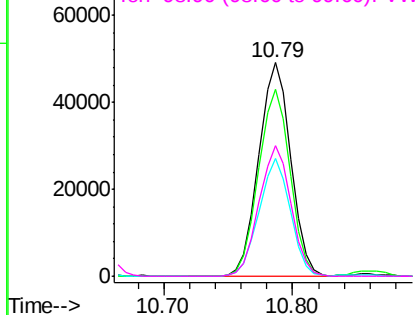
Tot Ion:	97	Resp:	84344
Ion	Ratio	Lower	Upper
97	100		
83	87.4	72.2	108.4
85	55.1	45.2	67.8
99	61.0	52.6	78.8

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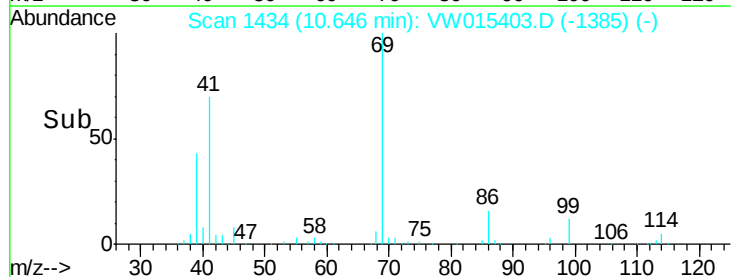
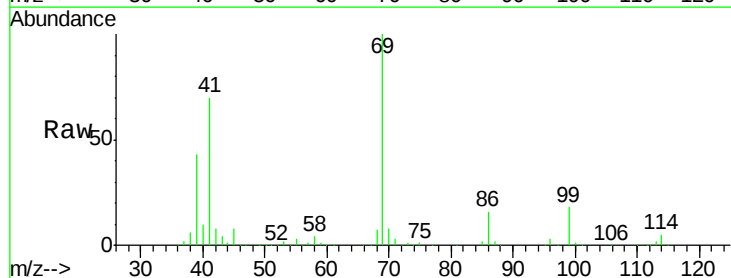
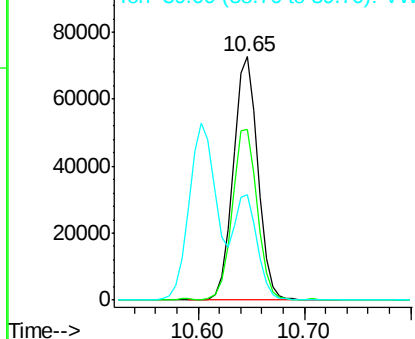
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

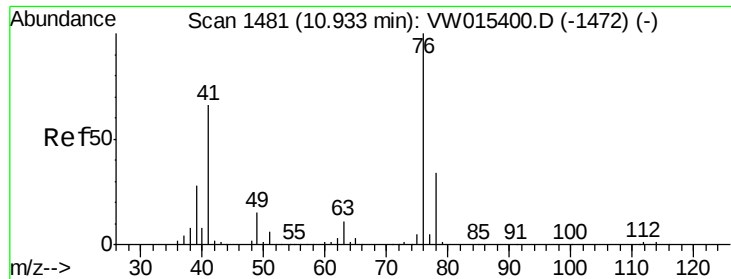


#56
 Ethyl methacrylate
 Concen: 51.792 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion:	69	Resp:	117777
Ion	Ratio	Lower	Upper
69	100		
41	71.1	55.3	82.9
39	39.7	31.9	47.9

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





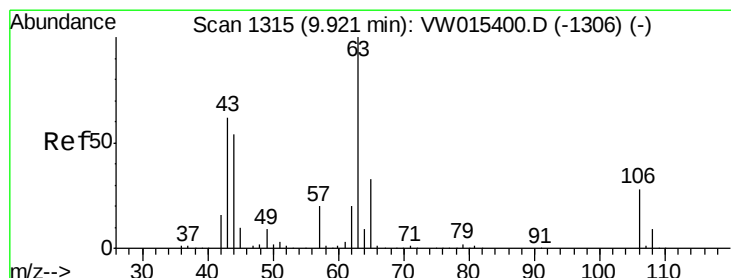
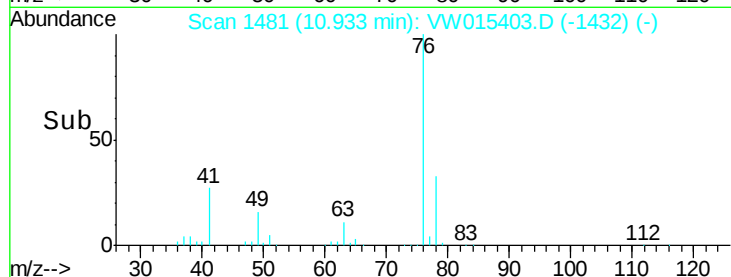
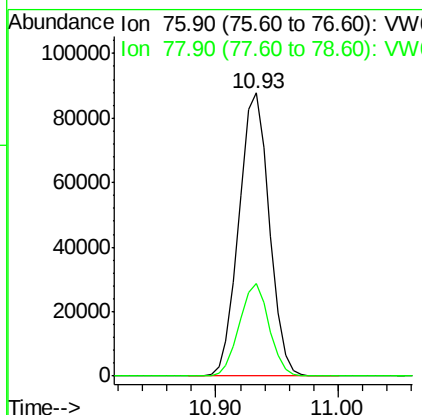
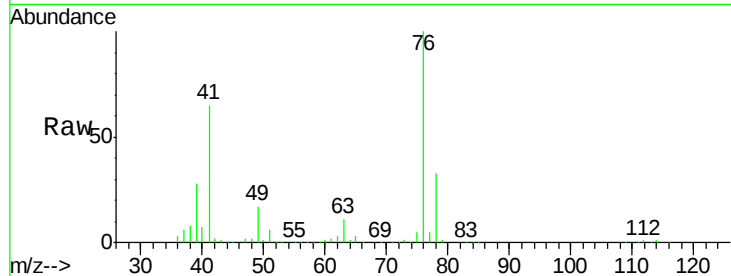
#57
 1,3-Dichloropropane
 Concen: 50.903 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion: 76 Resp: 151474
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5

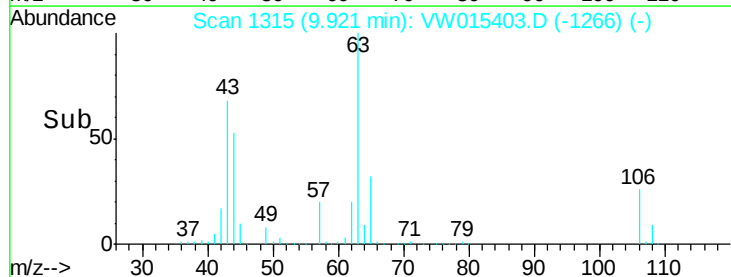
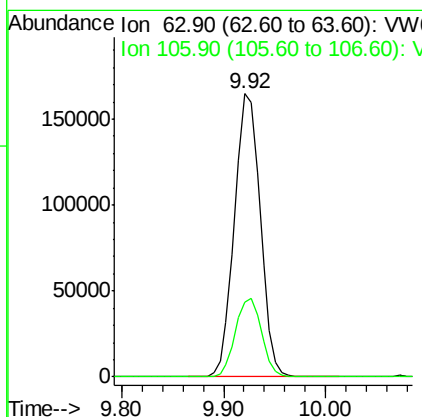
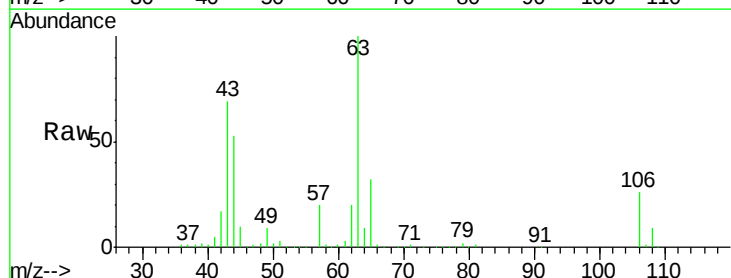
Manual Integrations
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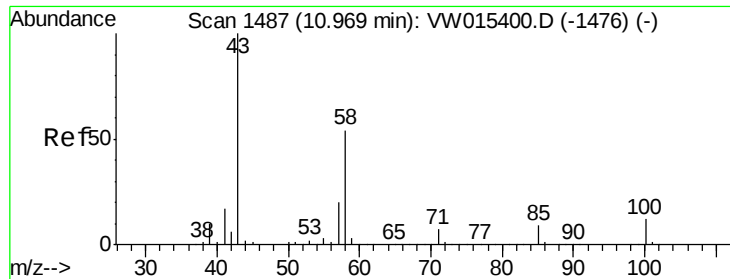
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.734 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion: 63 Resp: 288454
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.6 33.8





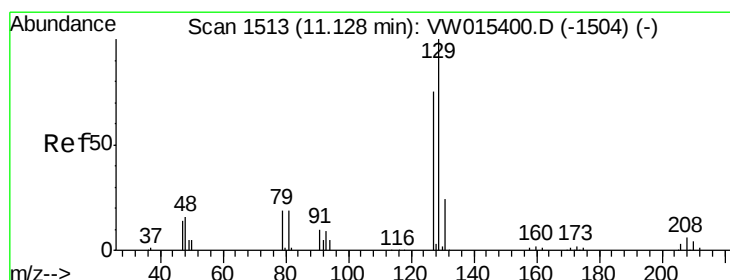
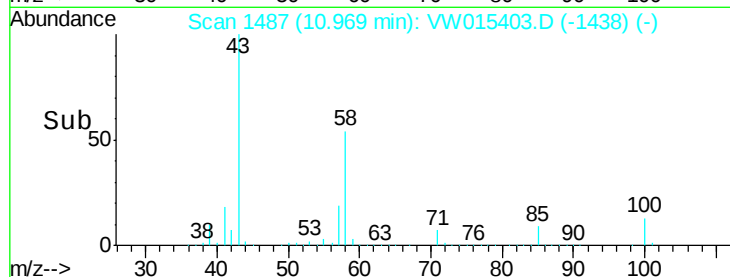
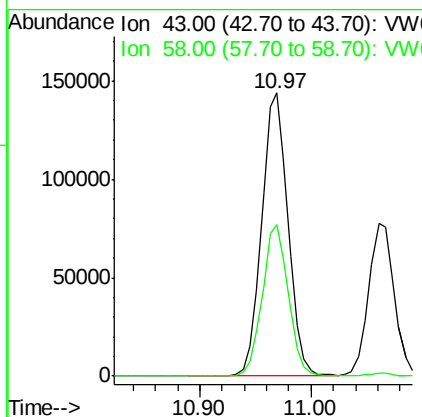
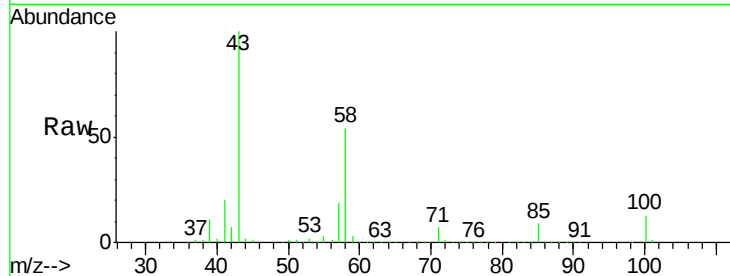
#59
2-Hexanone
Concen: 262.252 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion: 43 Resp: 237025
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.0

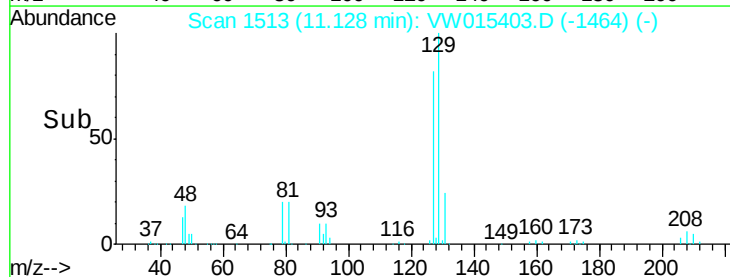
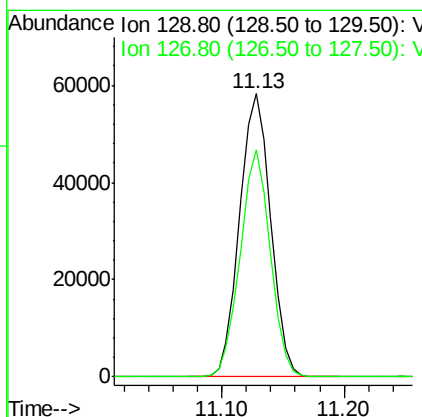
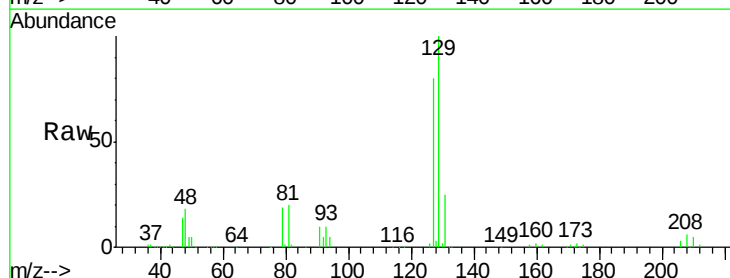
Manual Integrations
APPROVED

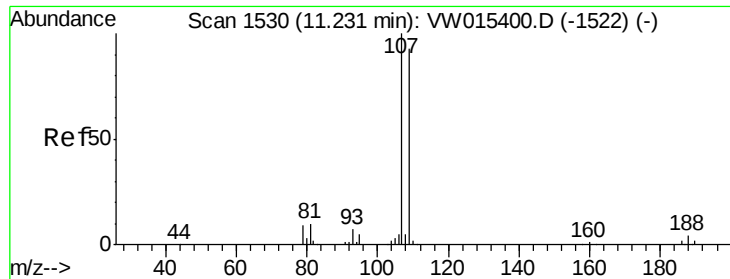
MMDadoda
5/6/2020 12:12:11 PM



#60
Dibromochloromethane
Concen: 51.543 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 129 Resp: 102597
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.893 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

ICVW050620

Tot Ion: 107 Resp: 81321

Ion Ratio Lower Upper

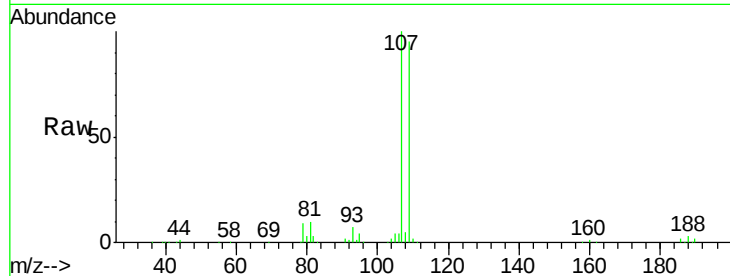
107 100

109 93.4 75.0 112.4

Manual Integrations
APPROVED

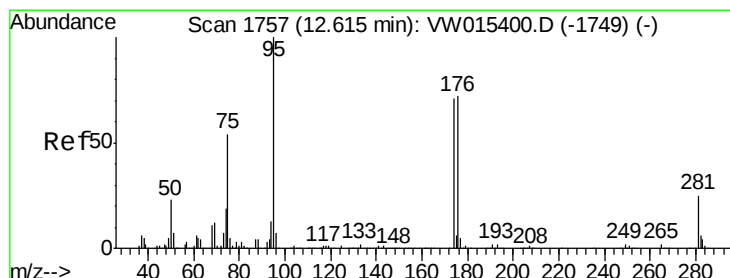
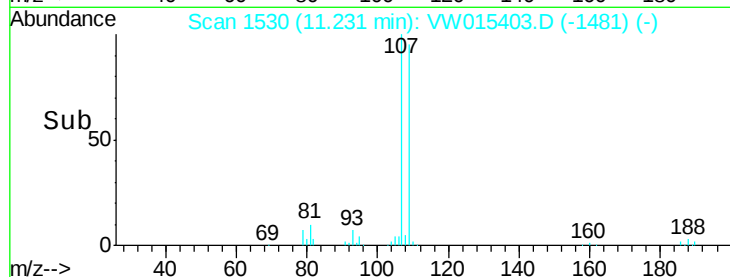
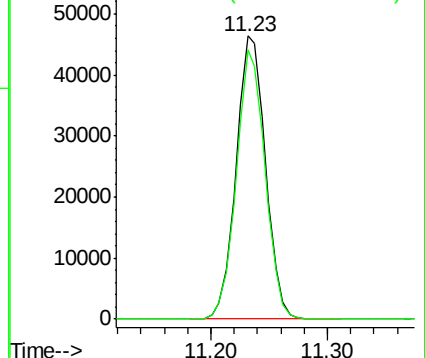
MMDadoda

5/6/2020 12:12:11 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.124 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

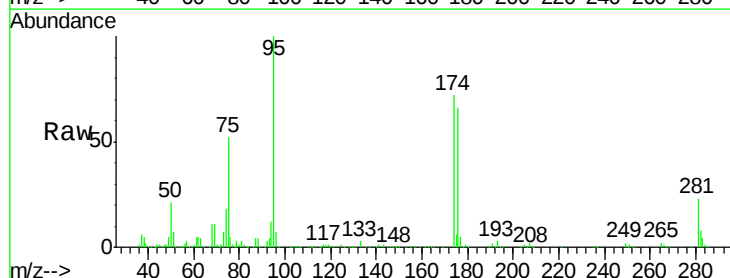
Tgt Ion: 95 Resp: 171876

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

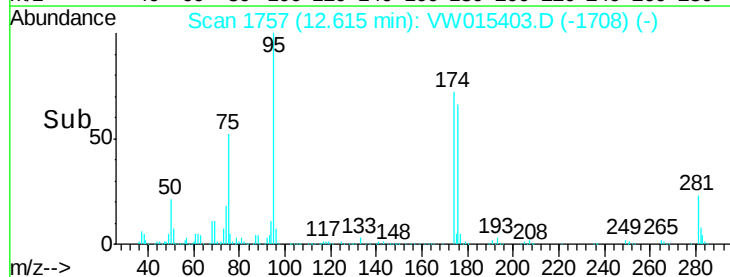
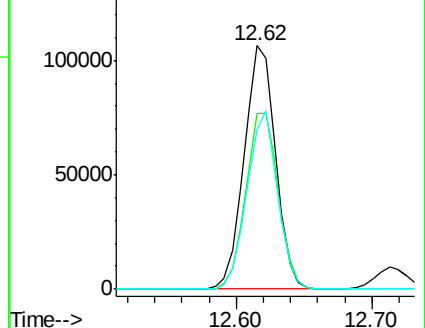
176 71.4 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





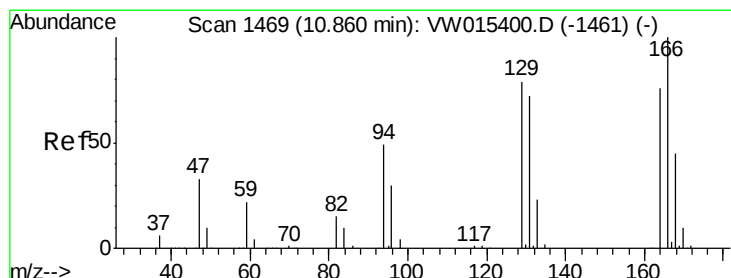
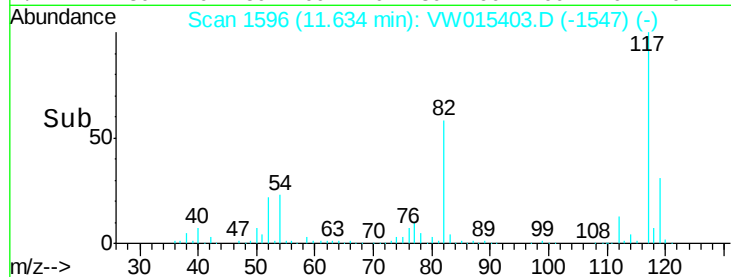
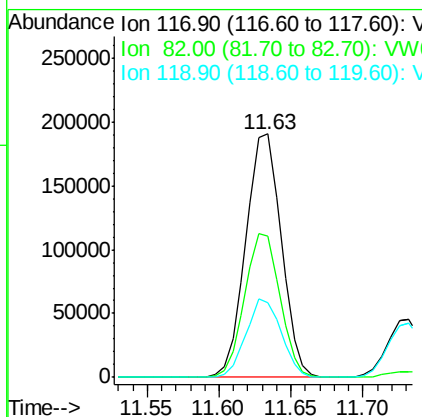
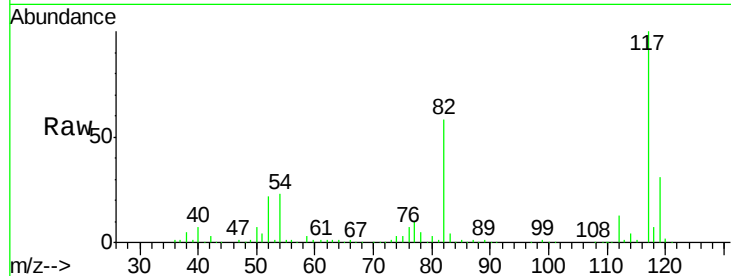
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.4	69.6
119	30.5	24.6	37.0

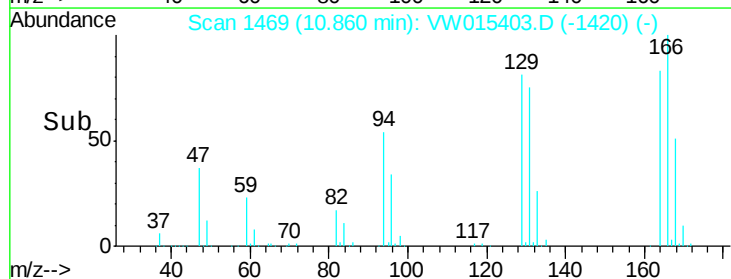
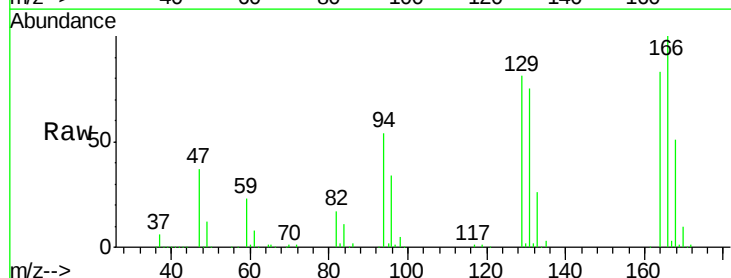
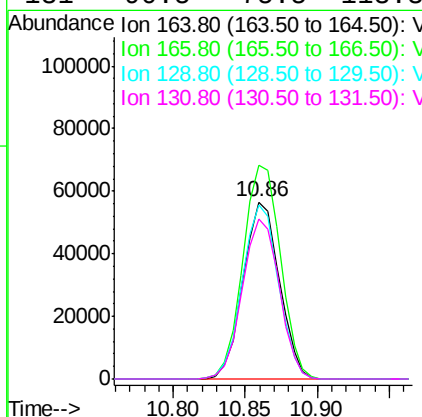
Manual Integrations
APPROVED

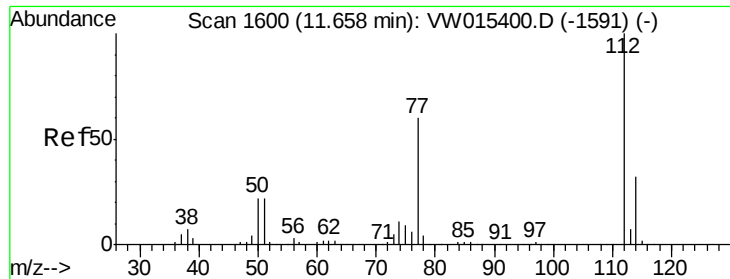
MMDadoda
5/6/2020 12:12:11 PM



#64
Tetrachloroethene
Concen: 49.503 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	104.9	157.3
129	98.5	82.7	124.1
131	90.5	75.5	113.3





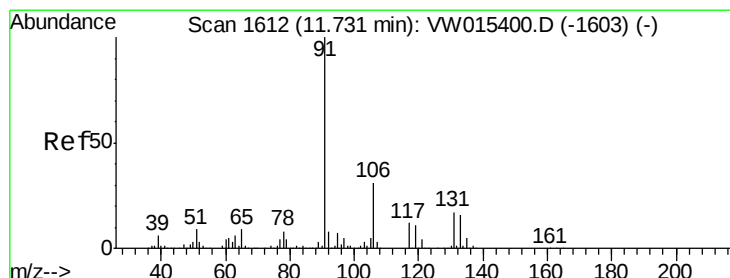
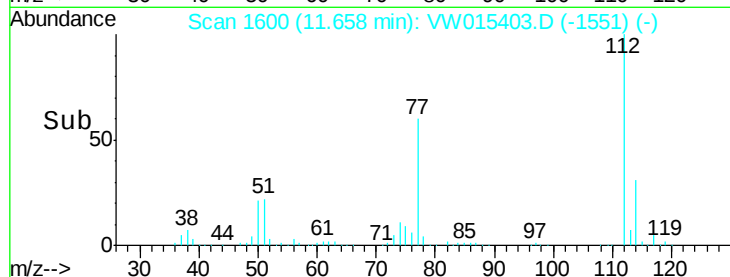
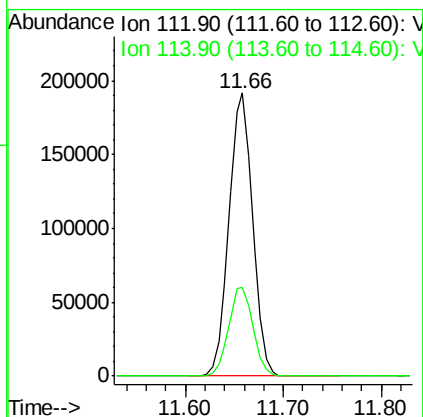
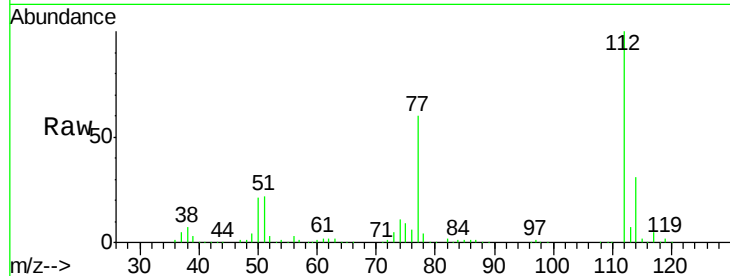
#65
Chlorobenzene
Concen: 49.901 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion:112 Resp: 321108
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4

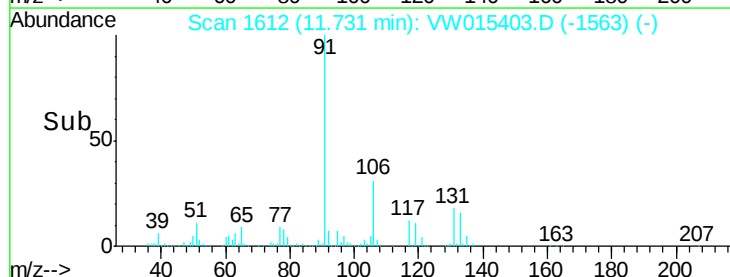
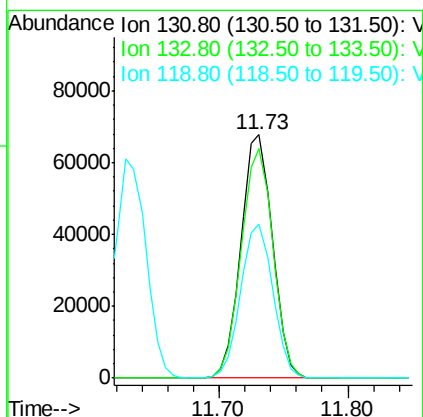
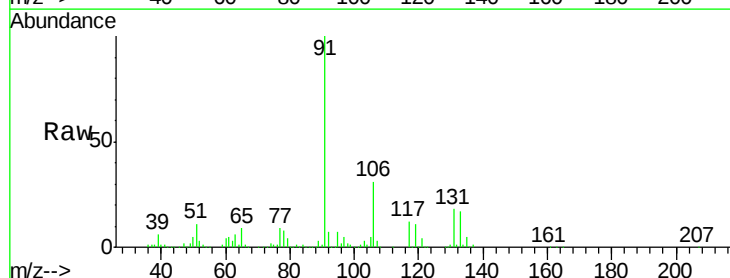
Manual Integrations
APPROVED

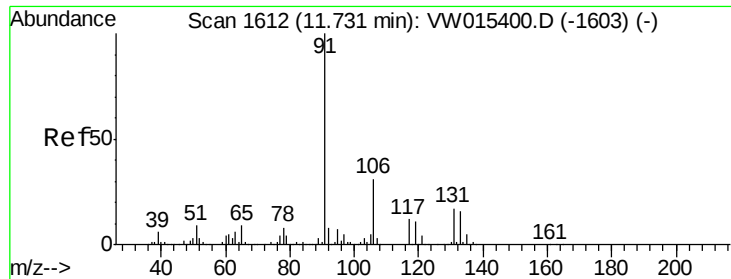
MMDadoda
5/6/2020 12:12:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.300 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion:131 Resp: 114761
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 64.2 33.0 99.0





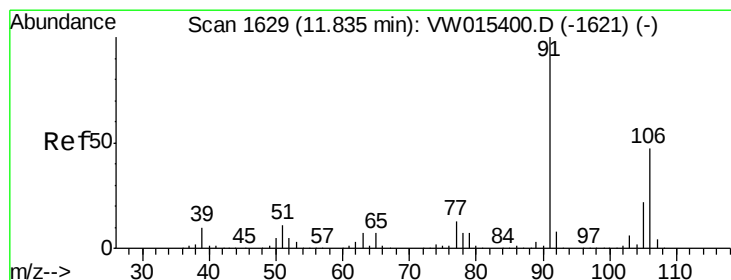
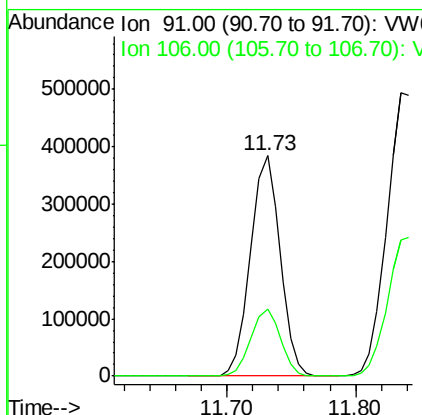
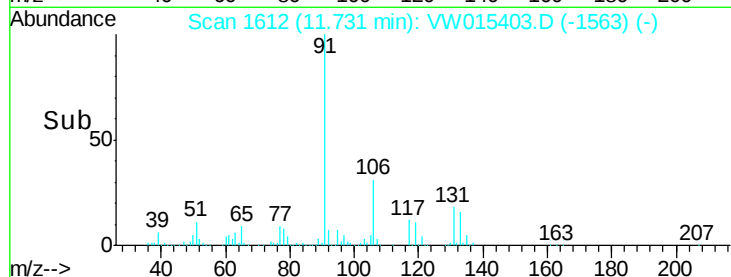
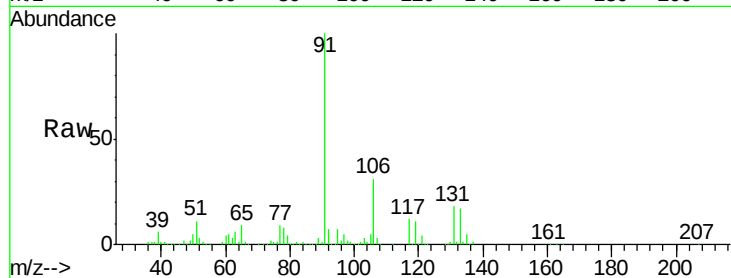
#67
Ethyl Benzene
Concen: 49.408 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion: 91 Resp: 608547
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8

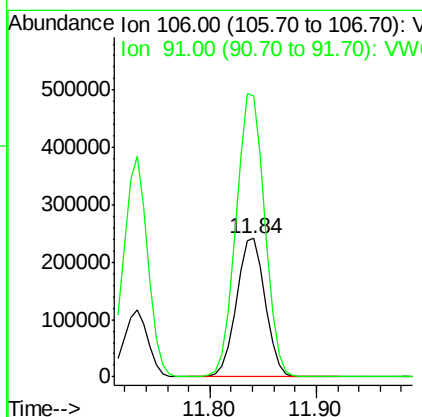
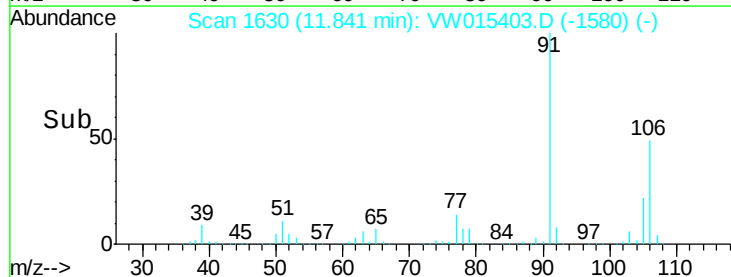
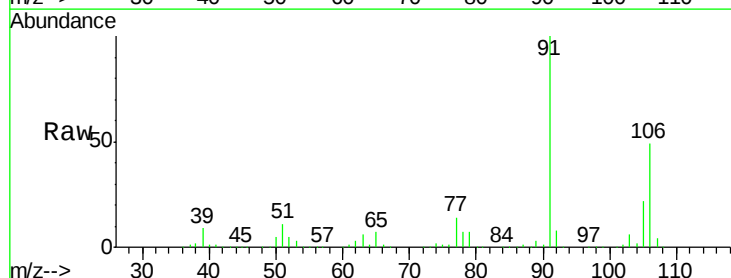
Manual Integrations
APPROVED

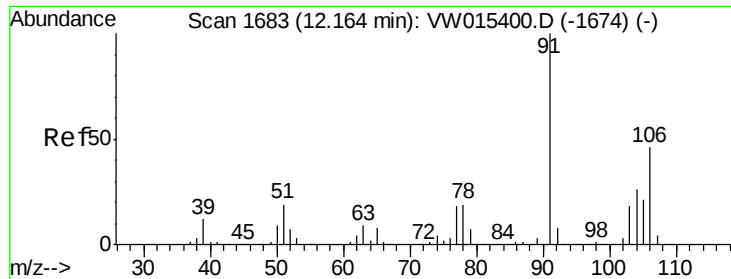
MMDadoda
5/6/2020 12:12:11 PM



#68
m/p-Xylenes
Concen: 99.932 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion: 106 Resp: 457617
Ion Ratio Lower Upper
106 100
91 204.4 165.7 248.5





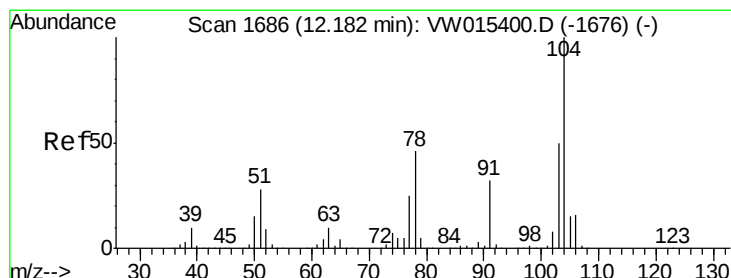
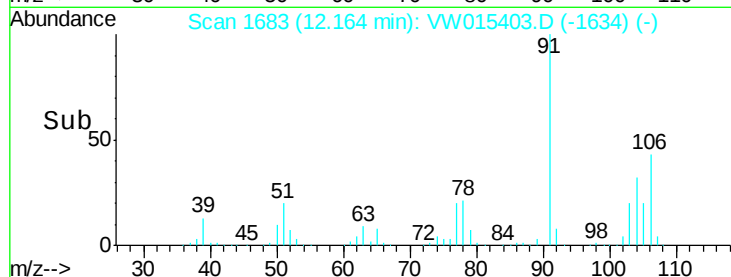
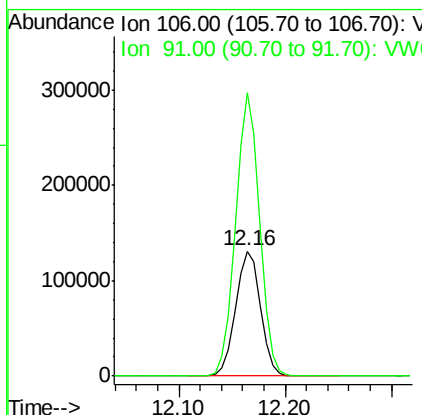
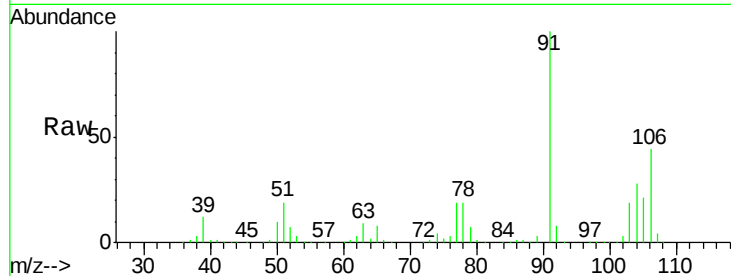
#69
o-Xylene
Concen: 49.737 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		214028		
91	219.0	109.0	327.0		

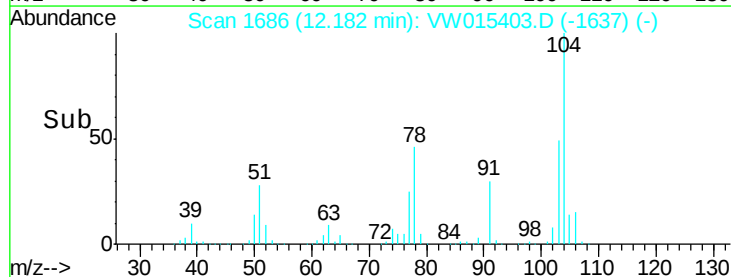
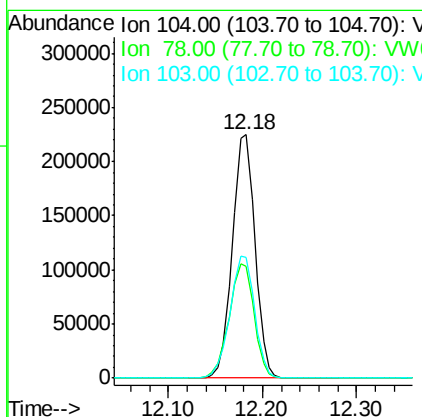
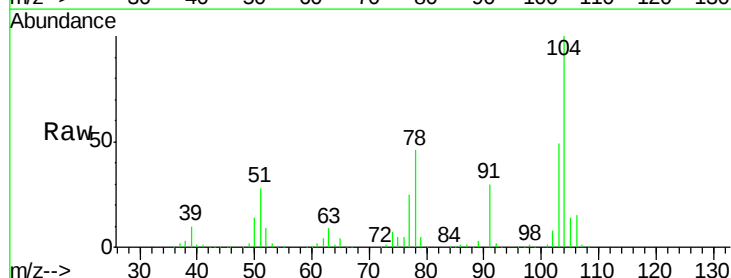
Manual Integrations
APPROVED

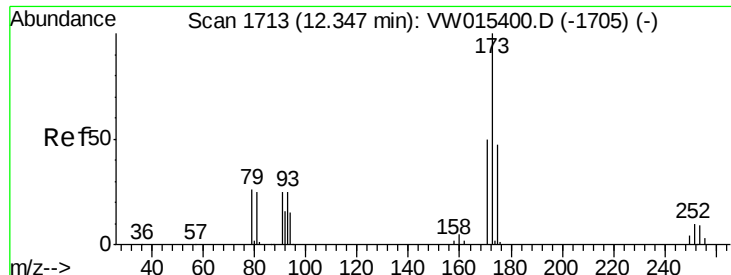
MMDadoda
5/6/2020 12:12:11 PM



#70
Styrene
Concen: 50.756 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		376165		
78	51.7	41.8	62.8		
103	54.4	43.6	65.4		





#71

Bromoform

Concen: 53.084 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion:173 Resp: 59063

Ion Ratio Lower Upper

173 100

175 47.8 23.8 71.4

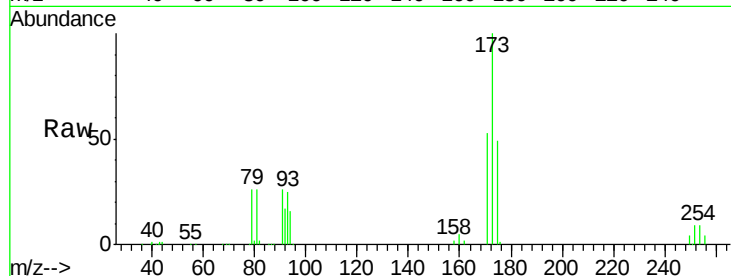
254 0.0 0.0 0.0

Manual Integrations

APPROVED

MMDadoda

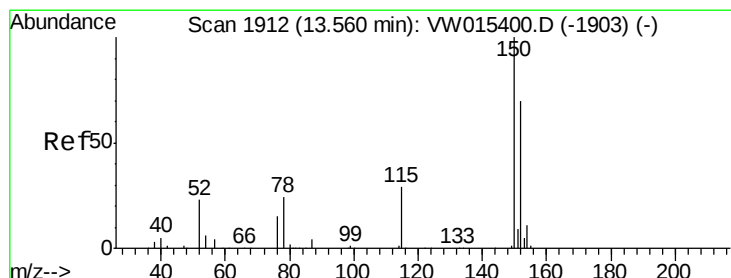
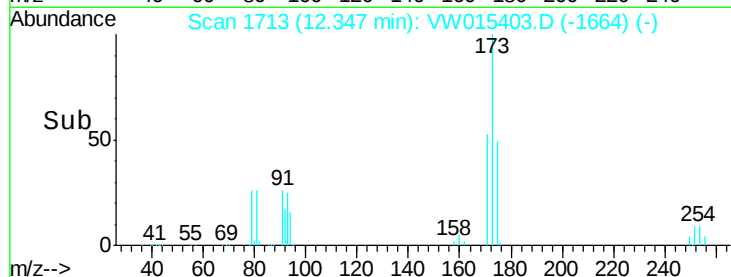
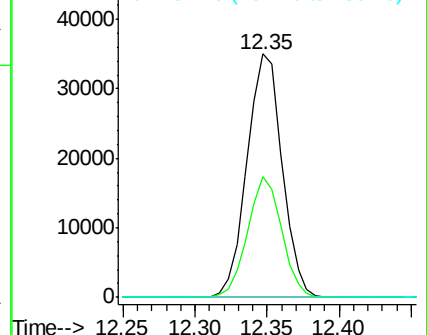
5/6/2020 12:12:11 PM



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: VW015403.D

Acq: 05 May 2020 19:49

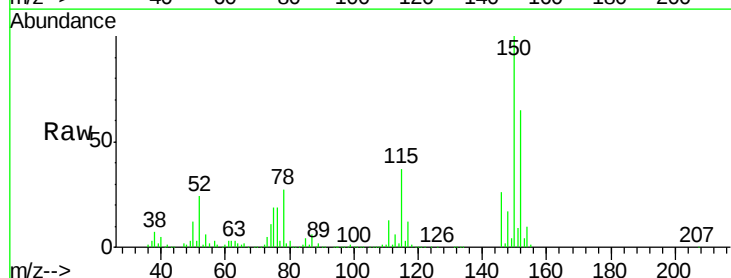
Tgt Ion:152 Resp: 162427

Ion Ratio Lower Upper

152 100

115 60.7 30.3 90.8

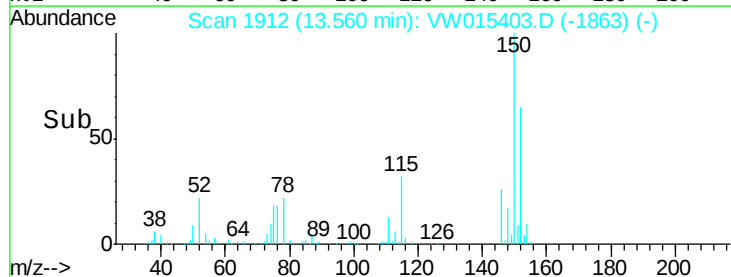
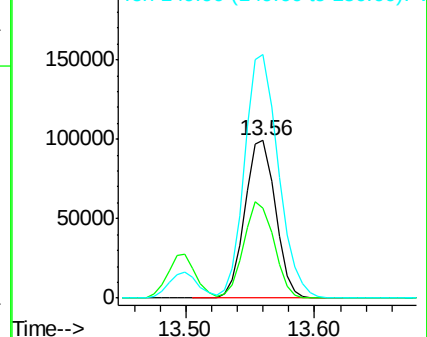
150 170.6 0.0 344.4

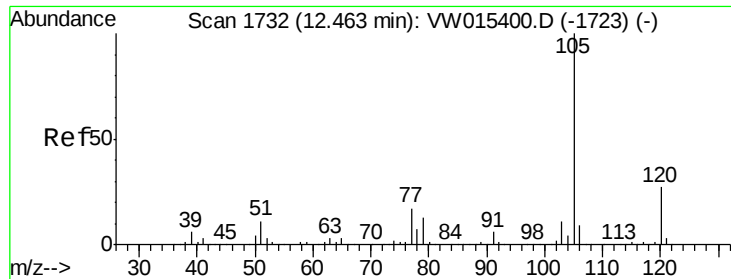


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.115 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampled :

ICVW050620

Tot Ion: 105 Resp: 595589

Ion Ratio Lower Upper

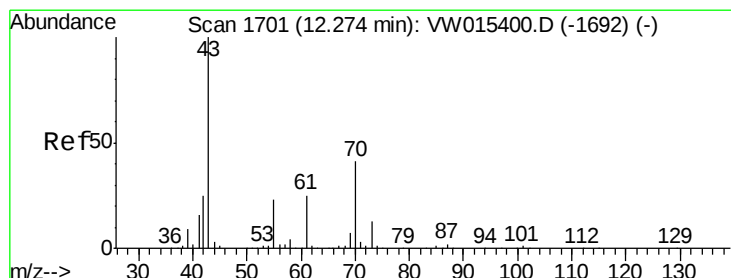
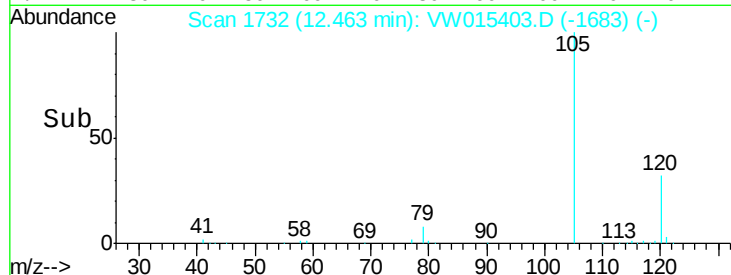
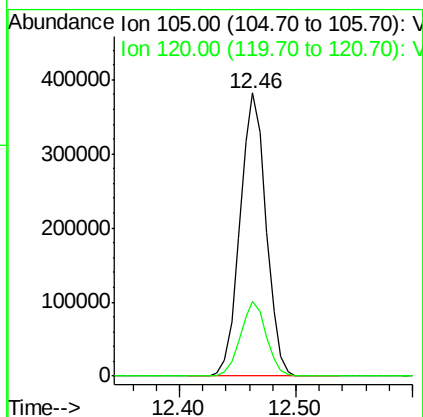
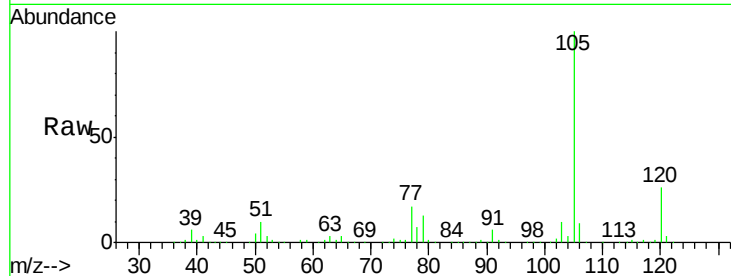
105 100

120 26.1 13.1 39.3

Manual Integrations
APPROVED

MMDadoda

5/6/2020 12:12:11 PM



#74

N-ethyl acetate

Concen: 50.636 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion: 43 Resp: 145143

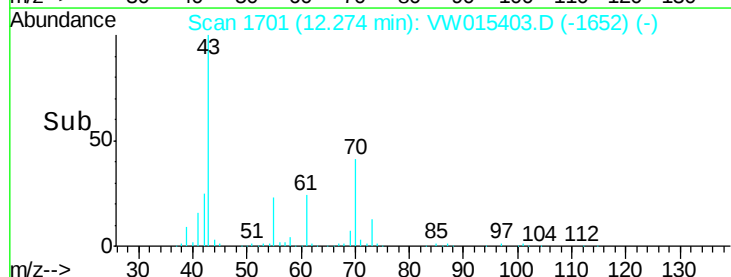
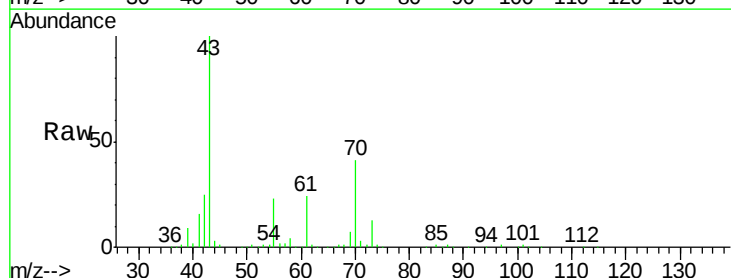
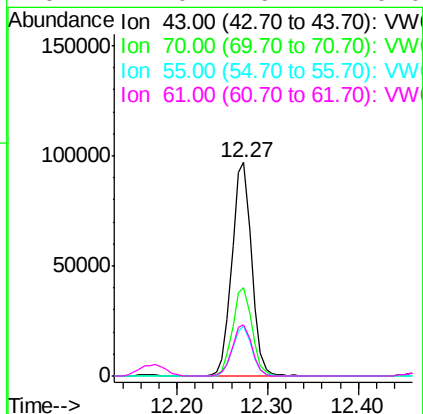
Ion Ratio Lower Upper

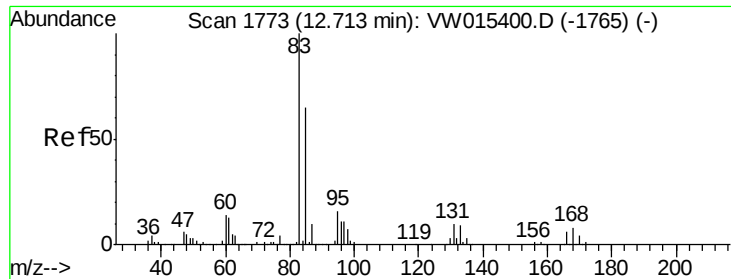
43 100

70 41.4 33.4 50.0

55 23.2 18.9 28.3

61 24.0 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.002 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

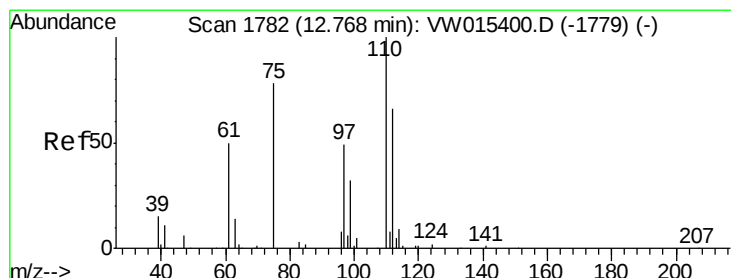
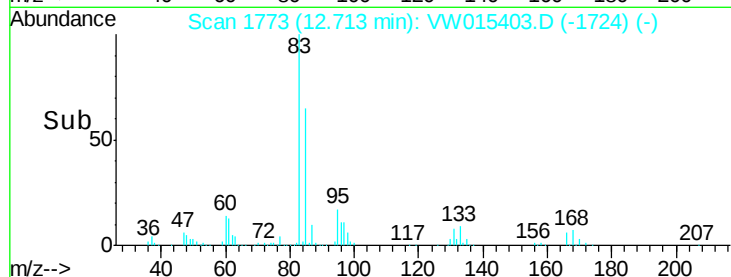
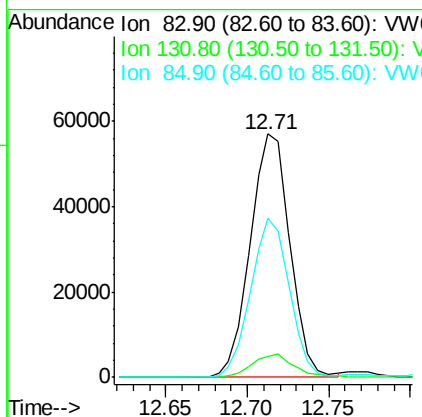
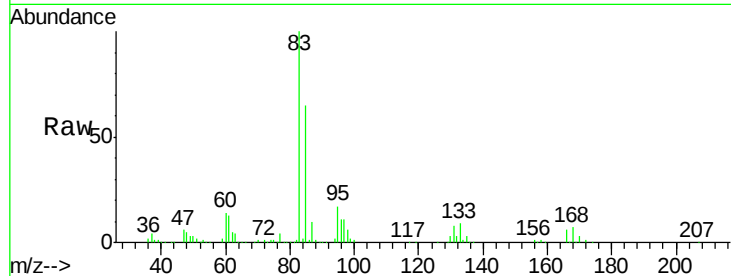
ClientSampled :

ICVW050620

Tot Ion:	83	Resp:	96750
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.8	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.741 ug/l m

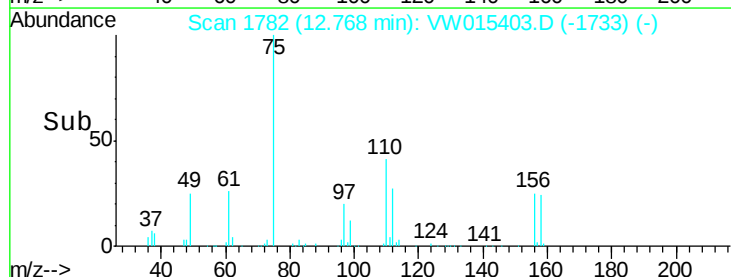
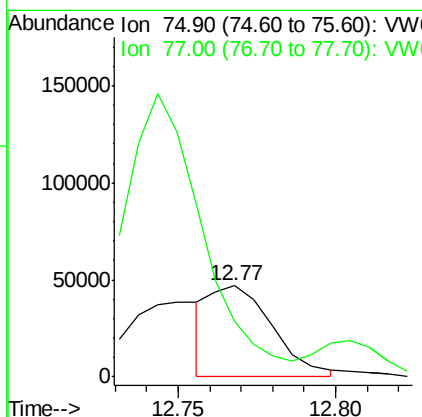
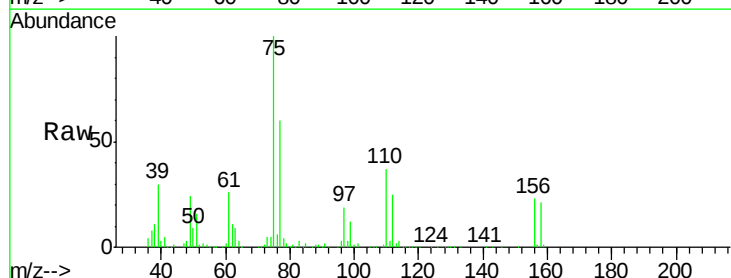
RT: 12.77 min Scan# 1782

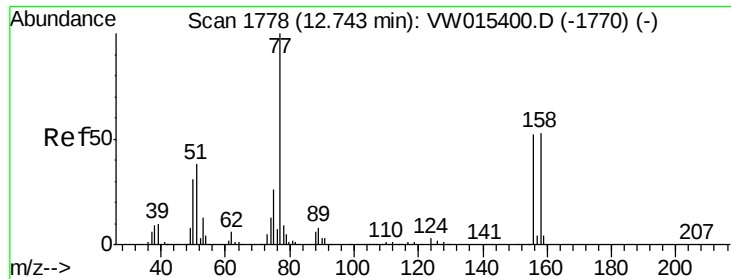
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	75	Resp:	65128
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.229 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

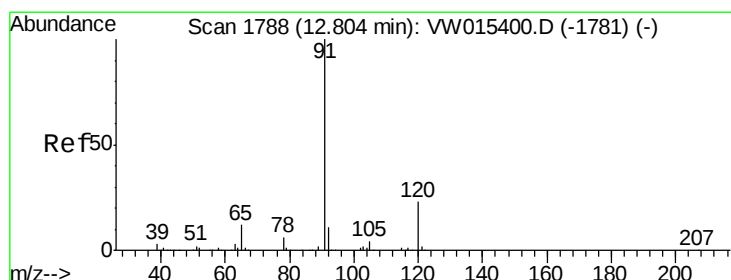
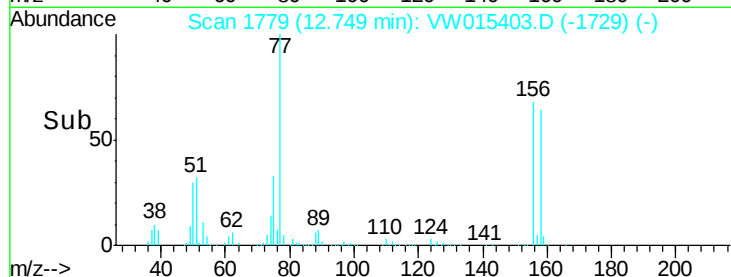
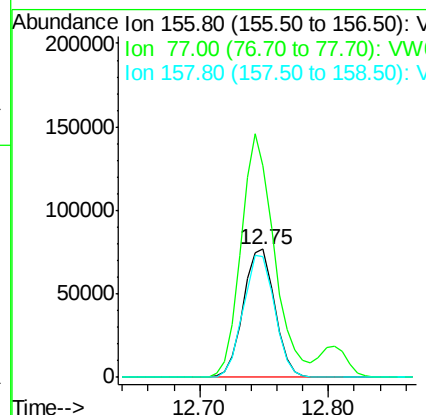
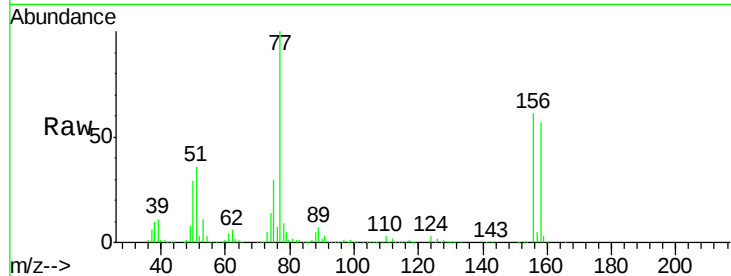
ClientSampled :

ICVW050620

Tot Ion:	156	Resp:	129079
Ion Ratio	Lower	Upper	
156	100		
77	201.9	101.8	305.6
158	95.8	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 48.953 ug/l

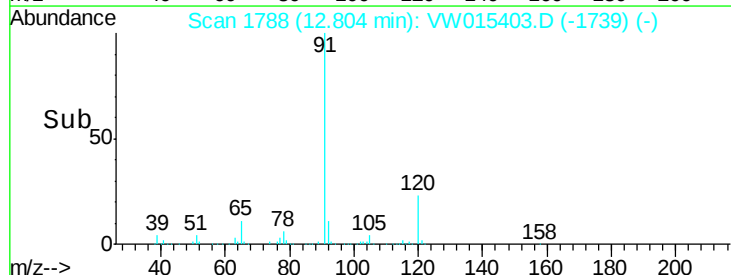
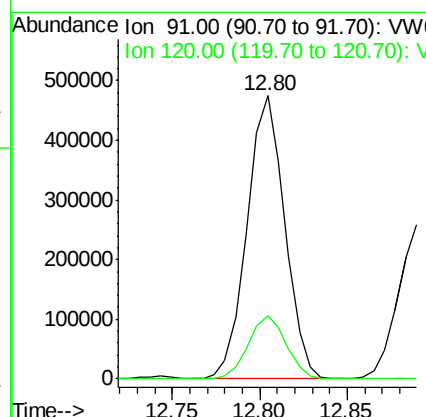
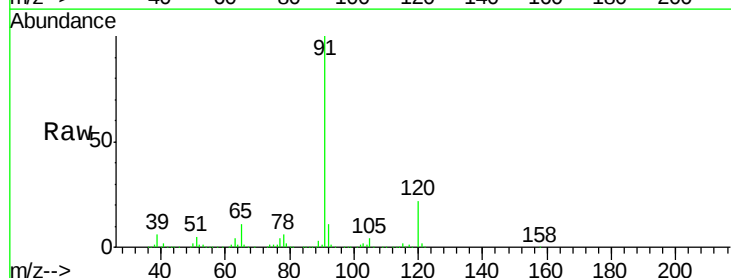
RT: 12.80 min Scan# 1788

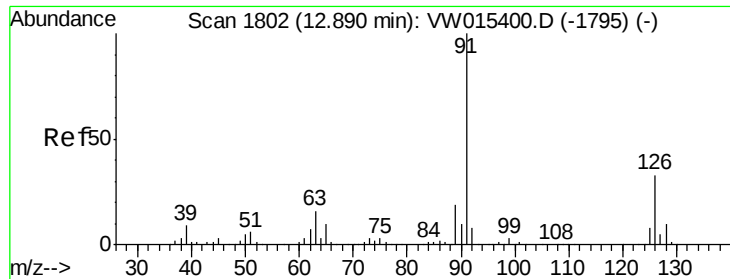
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion:	91	Resp:	712202
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.6





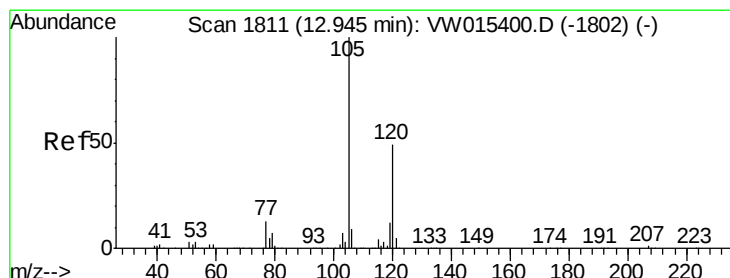
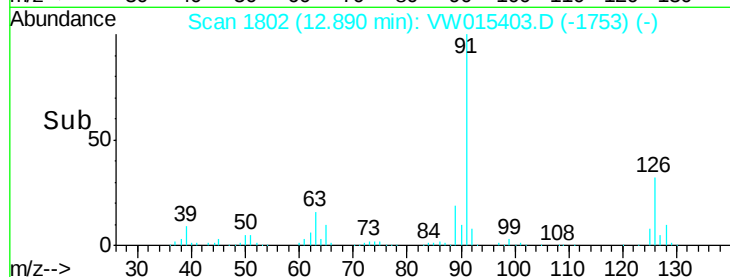
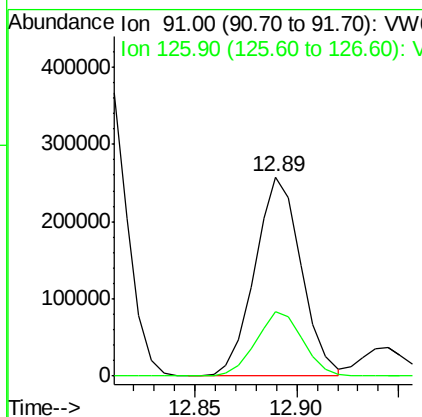
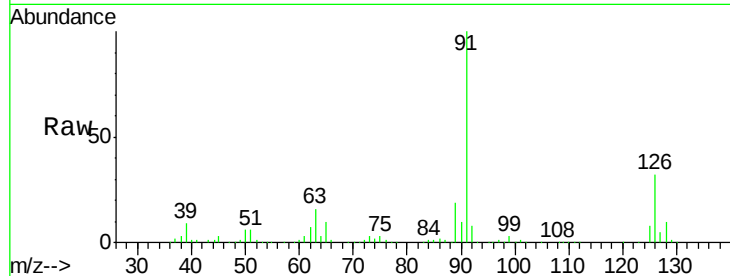
#79
 2-Chlorotoluene
 Concen: 49.737 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW050620

Tot Ion: 91 Resp: 407899
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.1 48.2

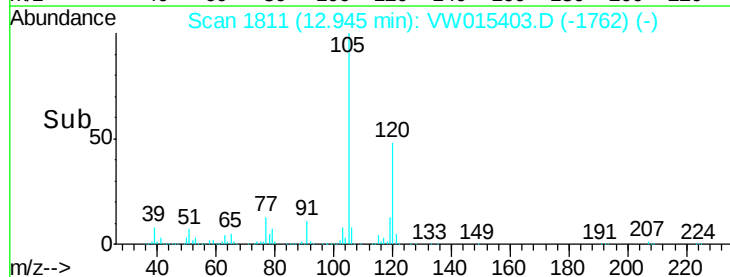
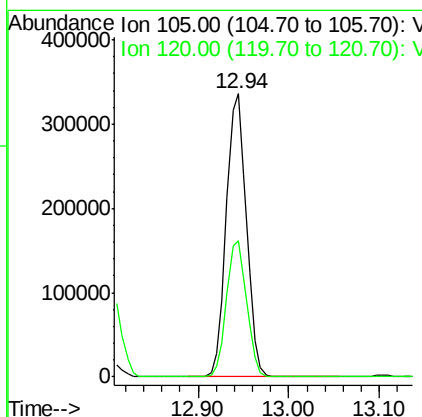
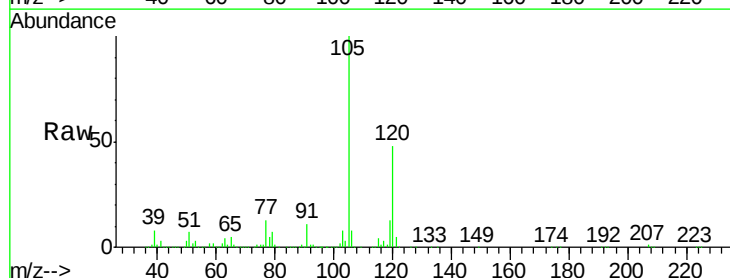
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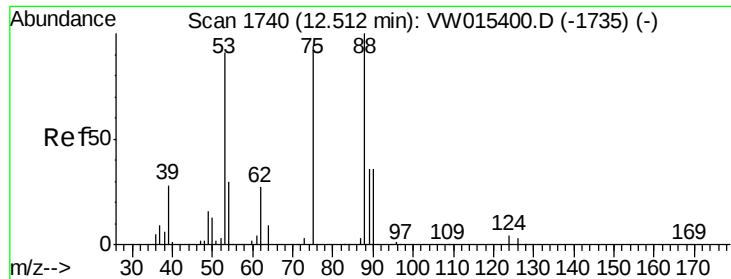
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.632 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion:105 Resp: 517170
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.2 72.6





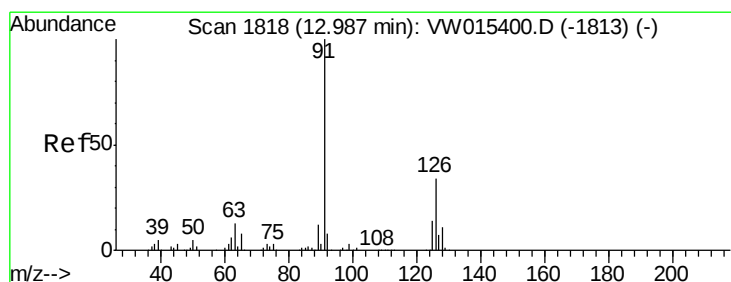
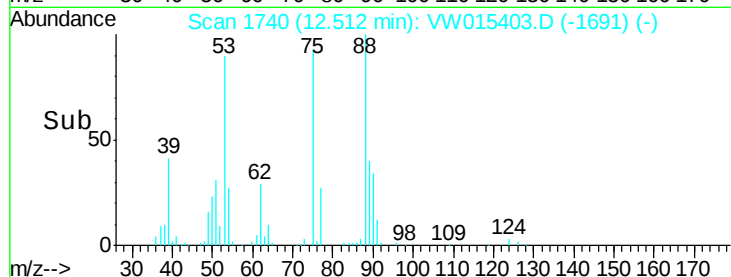
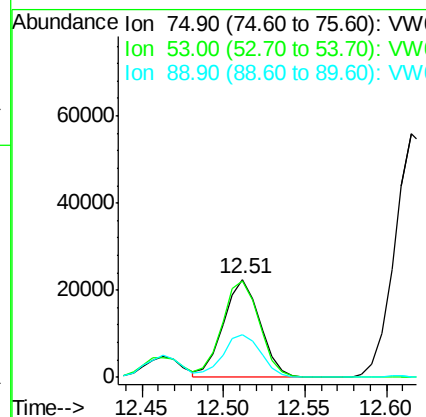
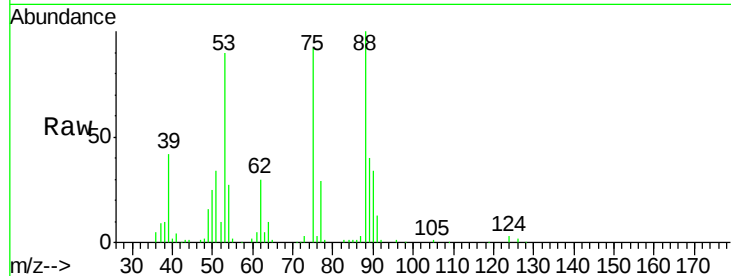
#81
trans-1,4-Dichloro-2-butene
Concen: 51.982 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampled :
ICVW050620

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	82.5	123.7
89	45.6	35.8	53.8

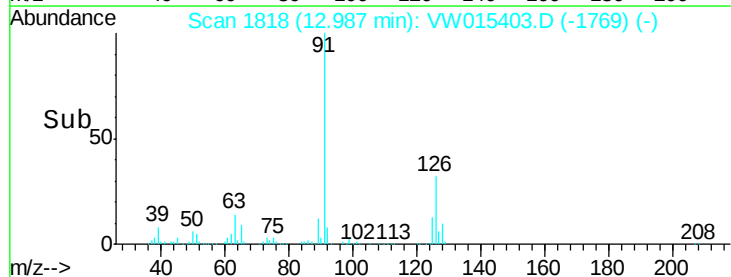
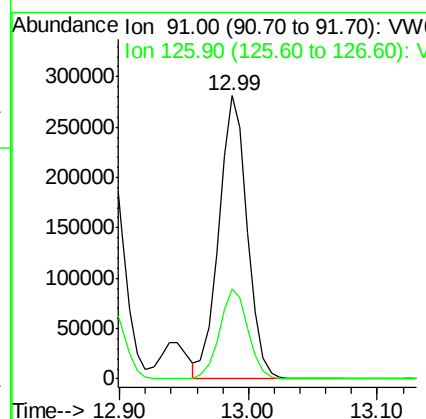
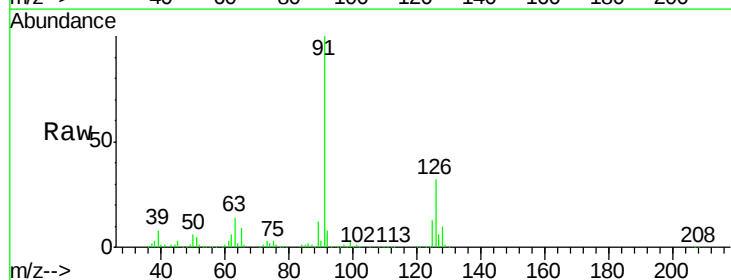
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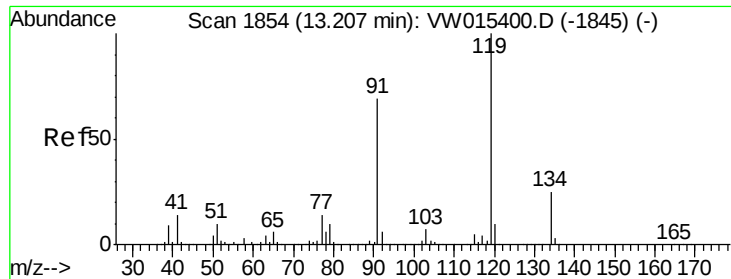
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#82
4-Chlorotoluene
Concen: 49.810 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.0	47.9





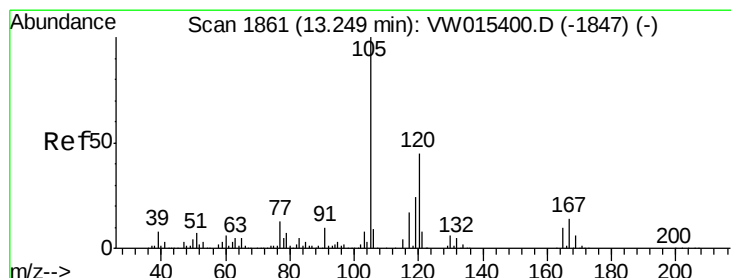
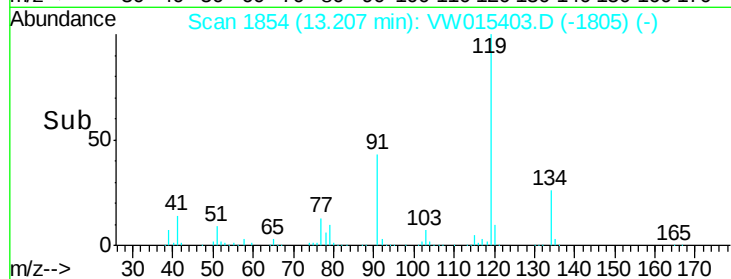
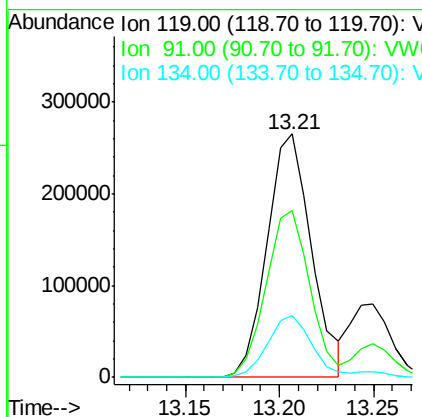
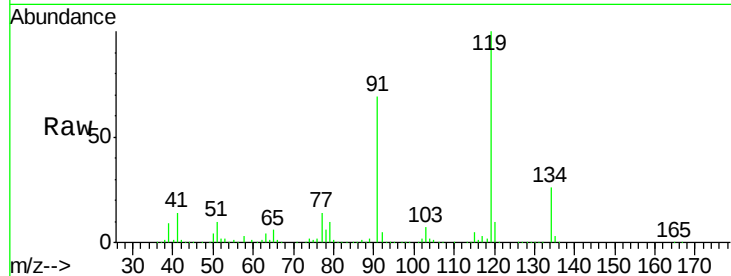
#83
tert-Butylbenzene
Concen: 49.825 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.8	101.4
134	25.1	12.3	36.9

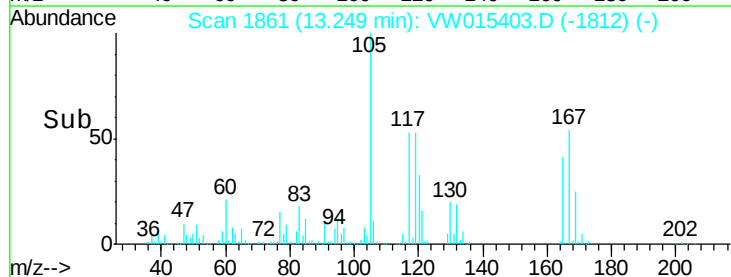
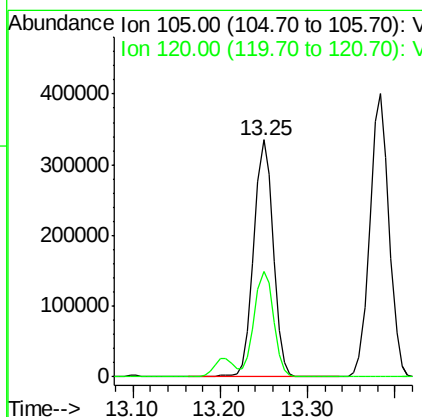
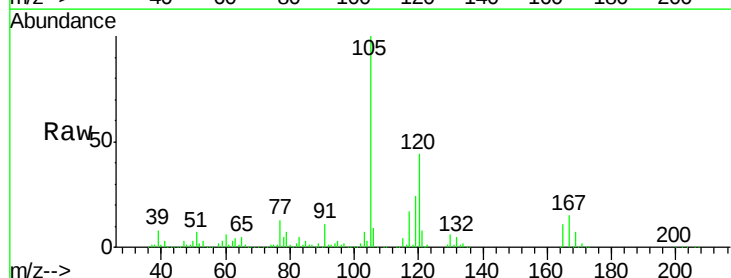
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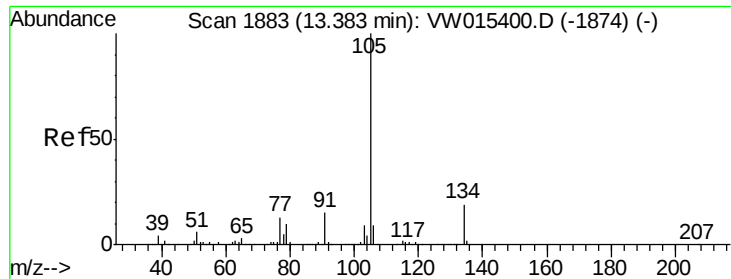
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#84
1,2,4-Trimethylbenzene
Concen: 50.437 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.0	66.0





#85

sec-Butylbenzene

Concen: 49.923 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Instrument :

MSVOA_W

ClientSampleId :

ICVW050620

Tot Ion:105 Resp: 613054

Ion Ratio Lower Upper

105 100

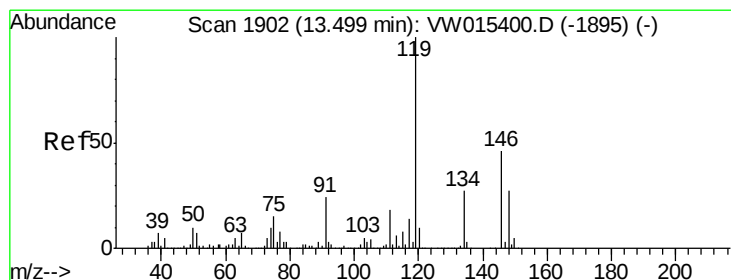
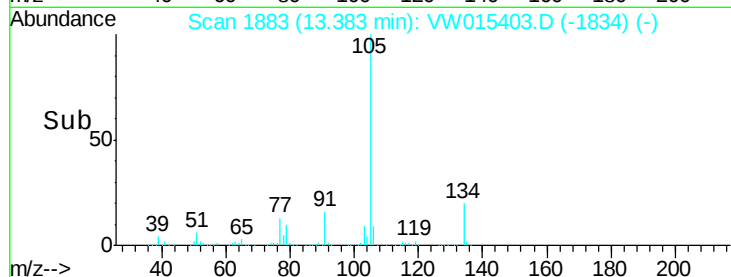
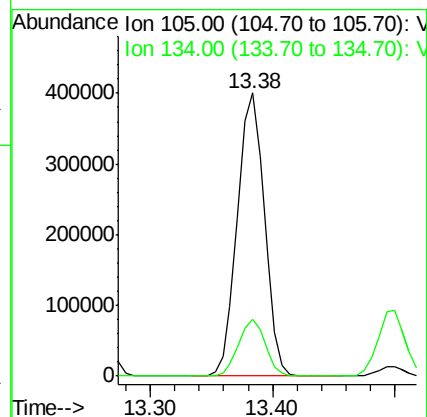
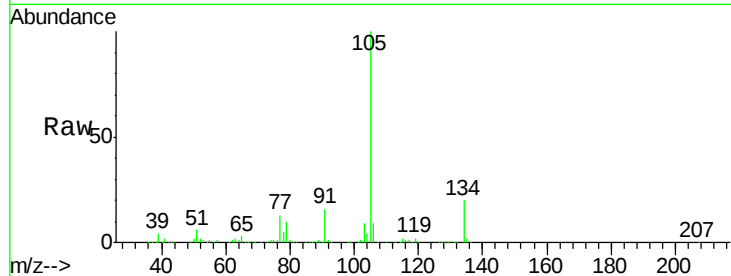
134 19.8 9.8 29.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.651 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

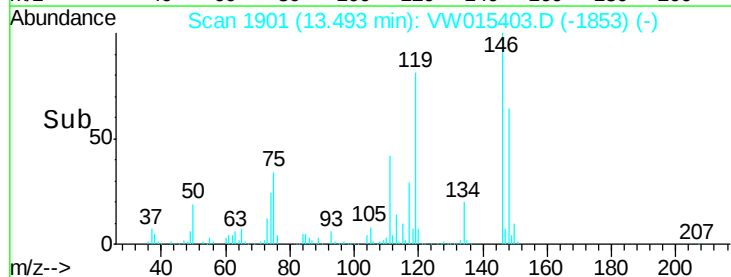
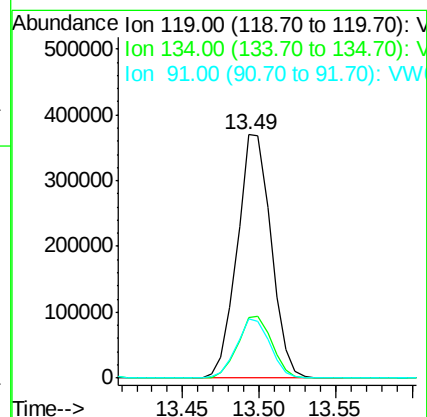
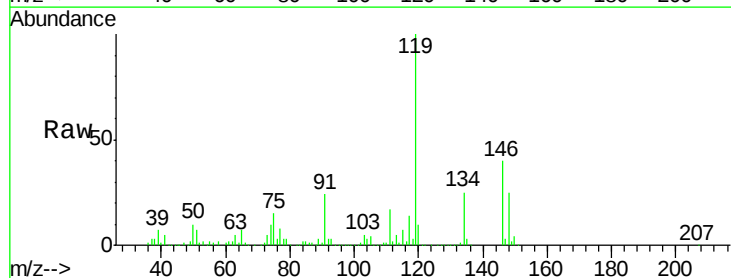
Tgt Ion:119 Resp: 567290

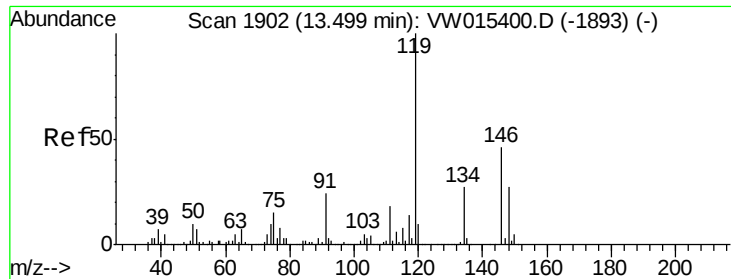
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.723 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

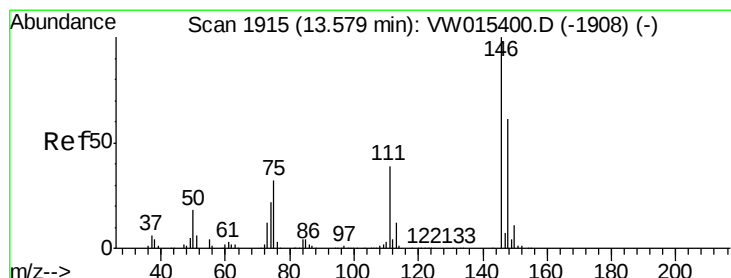
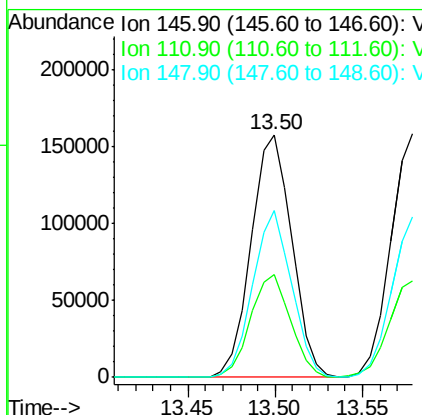
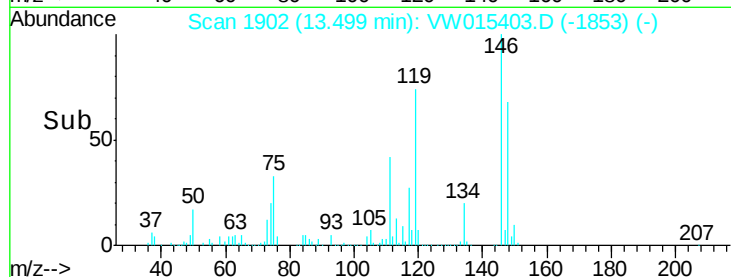
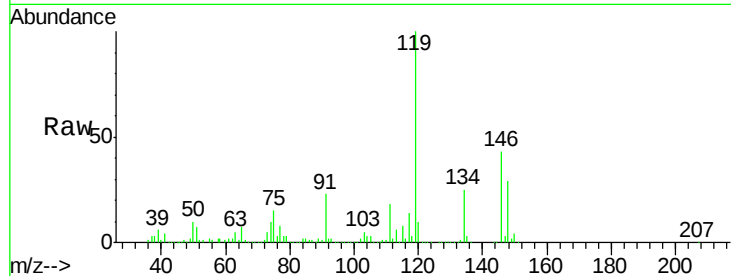
Instrument :
MSVOA_W

ClientSampleId :
ICVW050620

Tot Ion	Ratio	Resp	Lower	Upper
146	100	254527		
111	41.9	20.5	61.5	
148	65.6	31.4	94.0	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.776 ug/l

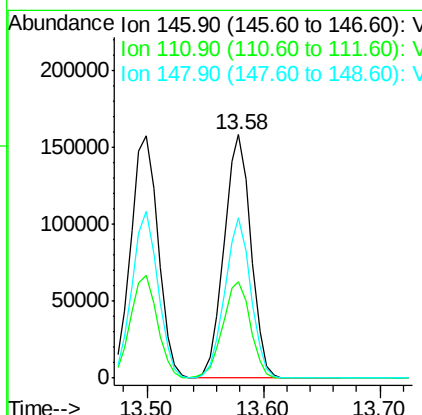
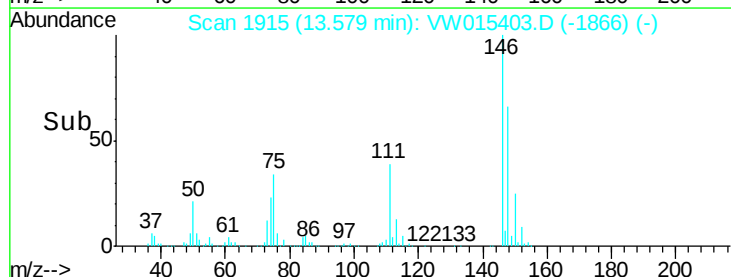
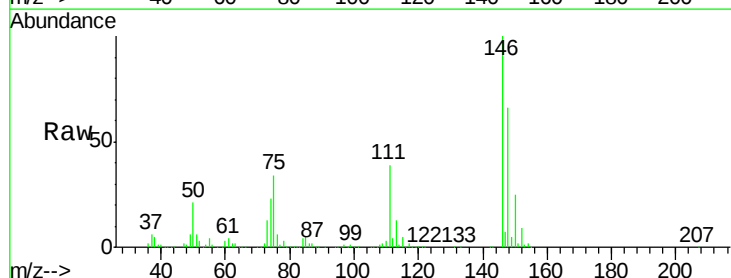
RT: 13.58 min Scan# 1915

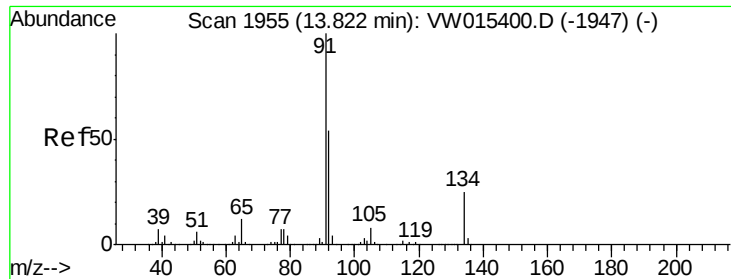
Delta R.T. 0.00 min

Lab File: VW015403.D

Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	252341		
111	40.7	20.0	60.0	
148	64.2	31.4	94.3	





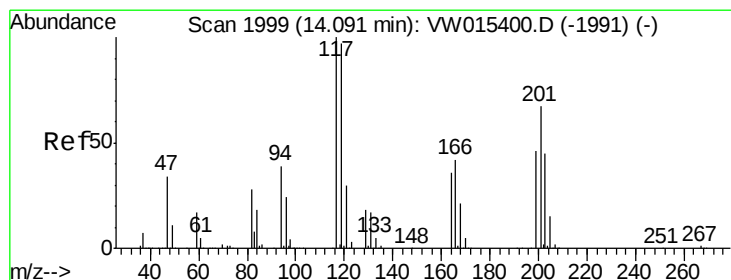
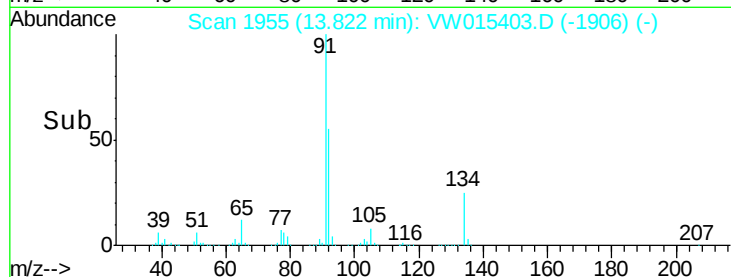
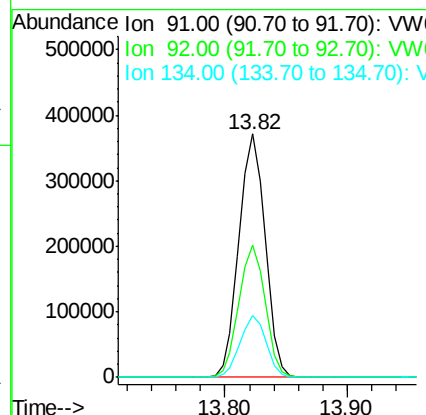
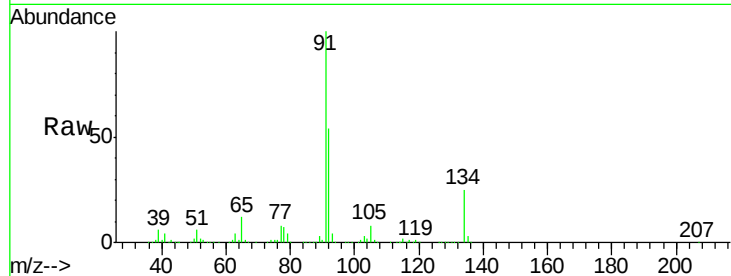
#89
n-Butylbenzene
Concen: 50.182 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Resp	Lower	Upper
91	100	550213		
92	54.3		27.2	81.6
134	25.3		12.6	37.6

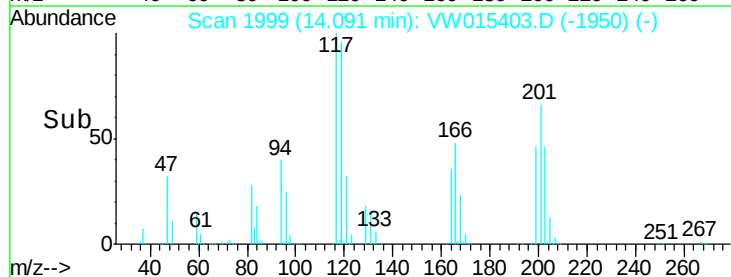
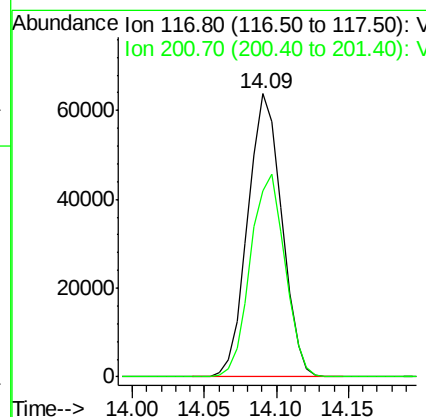
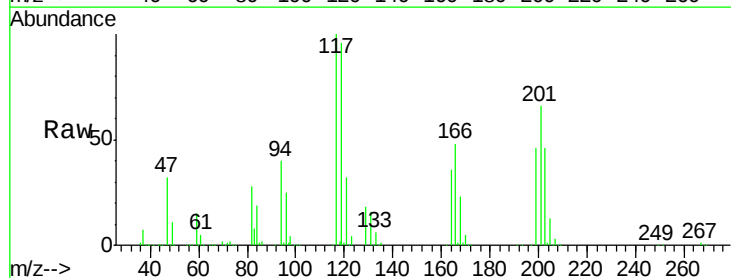
Manual Integrations
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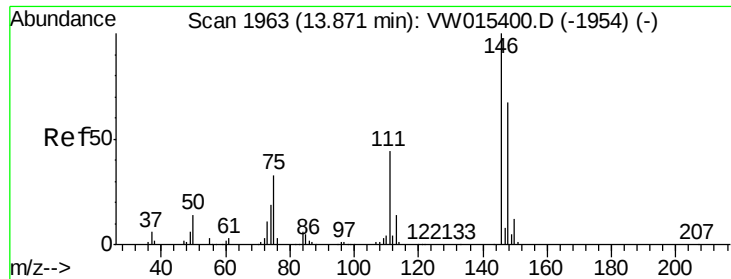
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#90
Hexachloroethane
Concen: 50.513 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104254		
201	72.8		35.9	107.8





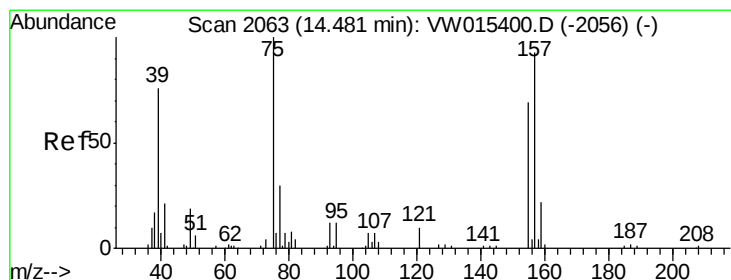
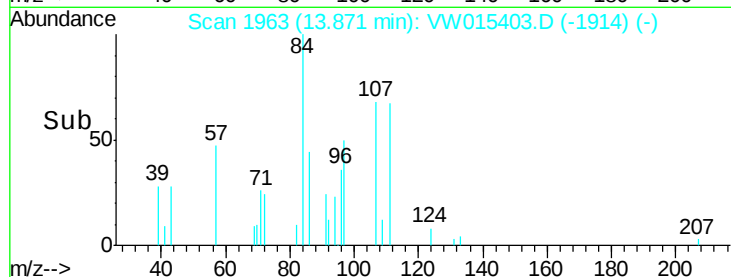
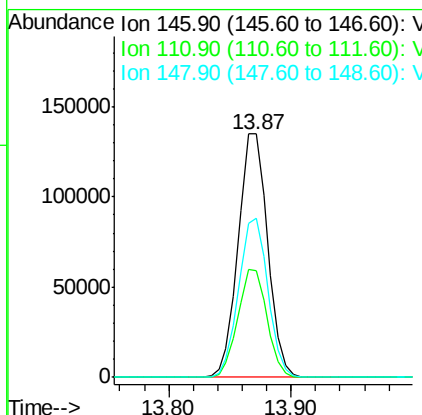
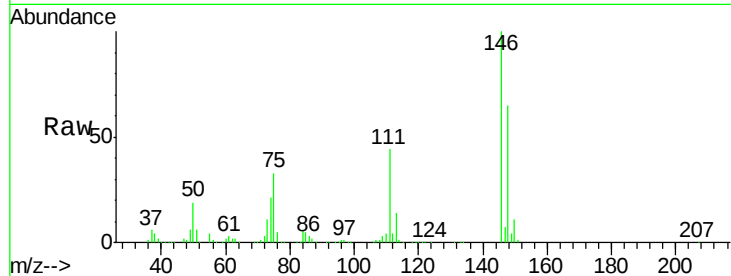
#91
 1,2-Dichlorobenzene
 Concen: 51.021 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion	Ratio	Resp	Lower	Upper
146	100	226135		
111	43.6	22.1	66.3	
148	64.6	32.5	97.4	

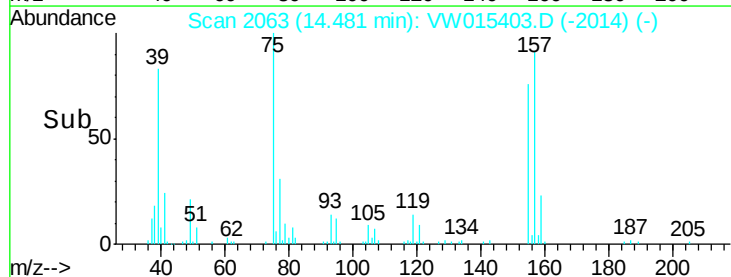
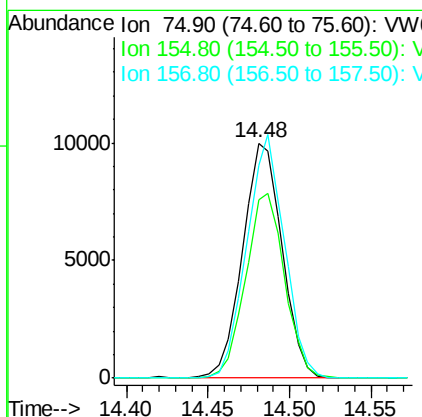
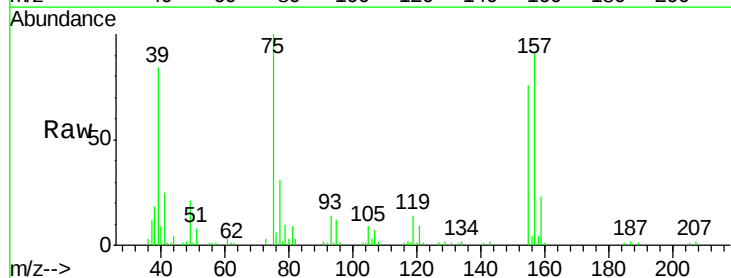
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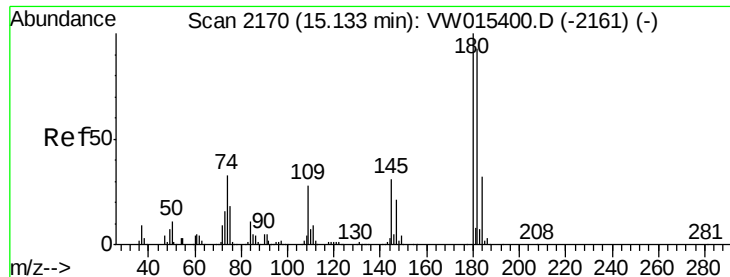
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.919 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16863		
155	77.6	38.7	116.1	
157	98.5	48.1	144.4	





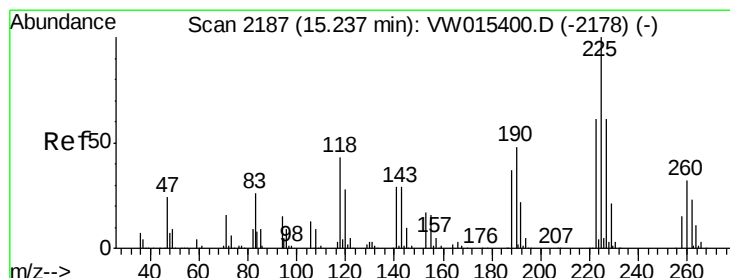
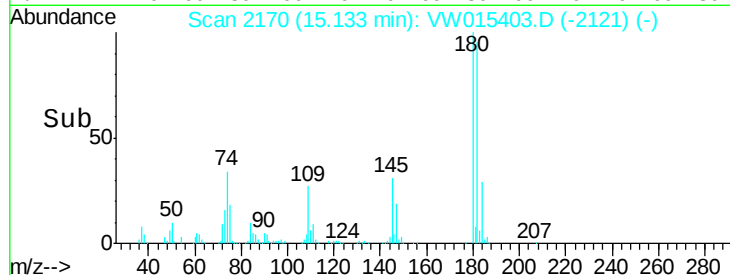
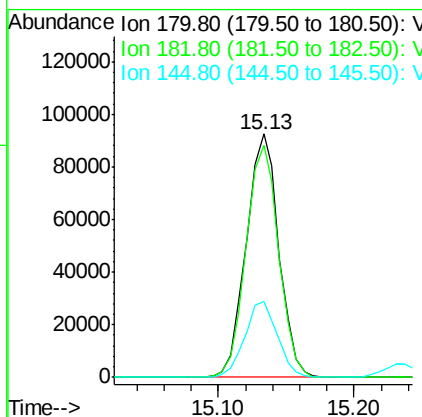
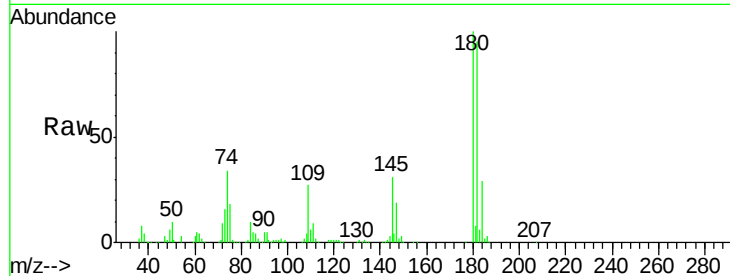
#93
 1,2,4-Trichlorobenzene
 Concen: 52.074 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW050620

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155122		
182	95.5	47.2	141.6	
145	31.1	15.6	46.8	

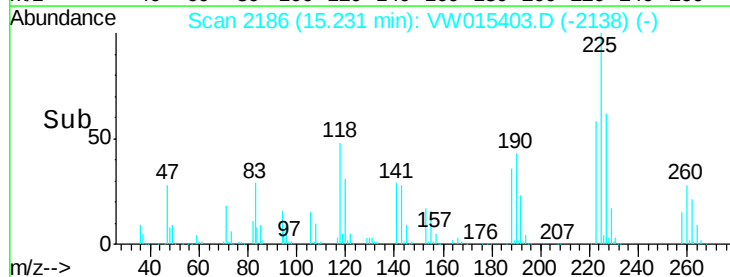
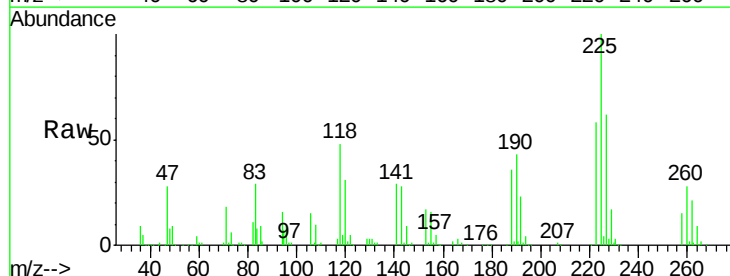
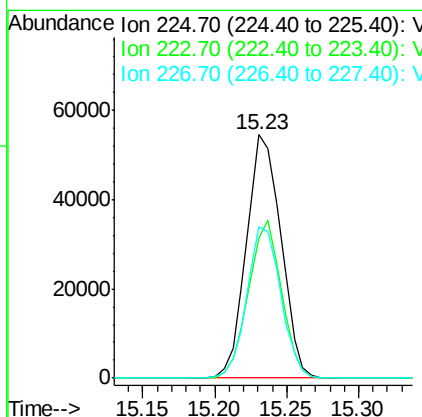
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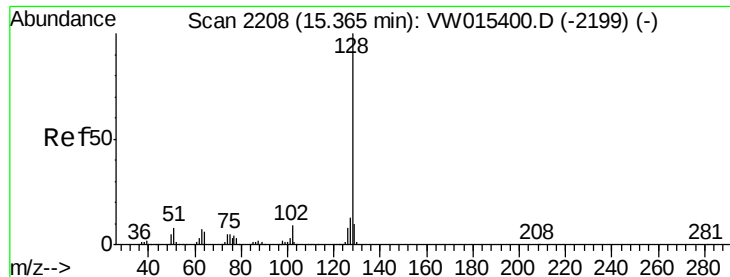
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#94
 Hexachlorobutadiene
 Concen: 51.195 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015403.D
 Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90371		
223	61.8	30.7	92.1	
227	61.1	32.0	96.0	





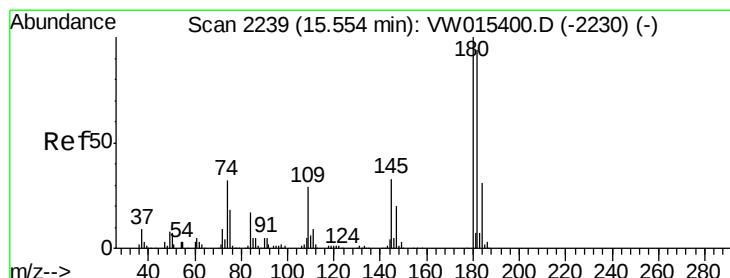
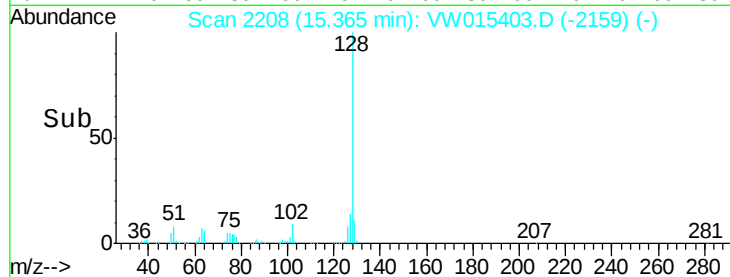
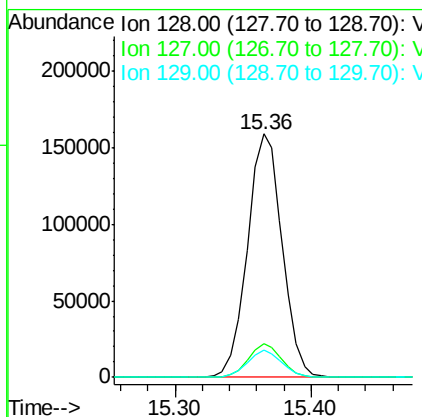
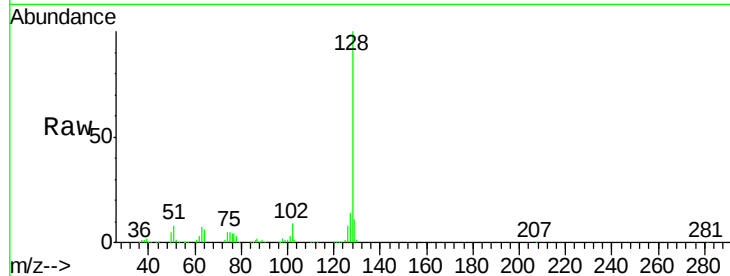
#95
Naphthalene
Concen: 53.108 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Instrument :
MSVOA_W
ClientSampleId :
ICVW050620

Tot Ion	Ratio	Resp	Lower	Upper
128	100	283377		
127	13.2	10.5	15.7	
129	10.9	8.6	12.8	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.567 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015403.D
Acq: 05 May 2020 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	129426		
182	99.0	47.6	142.8	
145	34.0	16.3	48.8	

