

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030920\
 Data File : VW015092.D
 Acq On : 09 Mar 2020 10:36
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 3/11/2020 3:23:53 PM

Quant Time: Mar 09 18:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	431987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	819465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	718675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	317610	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	34792	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	7.88	113	26312	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
50) Toluene-d8	10.32	98	101389	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	
62) 4-Bromofluorobenzene	12.62	95	31006	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	12273	4.685	ug/l	93
3) Chloromethane	2.21	50	33044	5.879	ug/l	97
4) Vinyl Chloride	2.36	62	40849	5.551	ug/l	99
5) Bromomethane	2.78	94	22879	5.439	ug/l	99
6) Chloroethane	2.92	64	22538	5.288	ug/l	93
7) Trichlorofluoromethane	3.26	101	19059	5.175	ug/l	97
8) Diethyl Ether	3.68	74	13857	4.938	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31542	5.619	ug/l	96
10) Methyl Iodide	4.26	142	32214	5.158	ug/l	99
11) Tert butyl alcohol	5.16	59	11171	30.602	ug/l	94
12) 1,1-Dichloroethene	4.04	96	27684	5.044	ug/l	88
13) Acrolein	3.89	56	14764	27.654	ug/l	92
14) Allyl chloride	4.67	41	53939	4.904	ug/l	98
15) Acrylonitrile	5.37	53	34496	23.983	ug/l	98
16) Acetone	4.12	43	38611	26.654	ug/l	95
17) Carbon Disulfide	4.38	76	102460	5.265	ug/l #	95
18) Methyl Acetate	4.68	43	16786	4.888	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	32709	4.655	ug/l	92
20) Methylene Chloride	4.92	84	43163	6.436	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	30701	5.268	ug/l	91
22) Diisopropyl ether	6.31	45	94369	4.471	ug/l #	86
23) Vinyl Acetate	6.26	43	257350	20.656	ug/l	99
24) 1,1-Dichloroethane	6.21	63	64944	5.277	ug/l	99
25) 2-Butanone	7.18	43	45740	23.033	ug/l	98
26) 2,2-Dichloropropane	7.16	77	41361	5.876	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	30517	5.030	ug/l	92
28) Bromochloromethane	7.51	49	31176	5.287	ug/l	96
29) Tetrahydrofuran	7.53	42	25267	20.341	ug/l	99
30) Chloroform	7.67	83	59038	5.405	ug/l	99
31) Cyclohexane	7.95	56	71231	5.627	ug/l #	80
32) 1,1,1-Trichloroethane	7.87	97	45721	5.361	ug/l	99
36) 1,1-Dichloropropene	8.08	75	46450	4.888	ug/l	97
37) Ethyl Acetate	7.26	43	22862	4.827	ug/l	99
38) Carbon Tetrachloride	8.07	117	40507	5.236	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	49494	4.555	ug/l	96
40) Benzene	8.32	78	134592	5.096	ug/l	99
41) Methacrylonitrile	7.48	41	10569	4.219	ug/l	96
42) 1,2-Dichloroethane	8.40	62	41334	5.137	ug/l	97
43) Isopropyl Acetate	8.42	43	36882	4.344	ug/l	95
44) Trichloroethene	9.09	130	29038	5.165	ug/l	99
45) 1,2-Dichloropropane	9.37	63	35712	5.021	ug/l	99
46) Dibromomethane	9.46	93	15441	4.993	ug/l	98
47) Bromodichloromethane	9.64	83	41439	5.019	ug/l	100
48) Methyl methacrylate	9.44	41	15229	3.886	ug/l	93
49) 1,4-Dioxane	9.45	88	4389	92.696	ug/l #	88
51) 4-Methyl-2-Pentanone	10.21	43	118394	25.244	ug/l	95
52) Toluene	10.38	92	72549	4.782	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	35757	4.402	ug/l #	87
54) cis-1,3-Dichloropropene	10.07	75	46282	4.677	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	21273	5.020	ug/l	97
56) Ethyl methacrylate	10.65	69	20494	3.748	ug/l	97
57) 1,3-Dichloropropane	10.93	76	39154	4.853	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	65584	20.443	ug/l	99
59) 2-Hexanone	10.96	43	56046	19.132	ug/l	93
60) Dibromochloromethane	11.13	129	20796	4.752	ug/l	99
61) 1,2-Dibromoethane	11.23	107	18056	4.806	ug/l	98
64) Tetrachloroethene	10.86	164	22305	5.378	ug/l	93
65) Chlorobenzene	11.65	112	74568	5.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	24234	5.045	ug/l	97
67) Ethyl Benzene	11.73	91	128703	4.585	ug/l	98
68) m/p-Xylenes	11.84	106	88351	8.903	ug/l	100
69) o-Xylene	12.16	106	38438	4.300	ug/l	99
70) Styrene	12.18	104	63505	4.146	ug/l	99
71) Bromoform	12.35	173	9779	4.587	ug/l #	96
73) Isopropylbenzene	12.46	105	107858	4.446	ug/l	99
74) N-amyl acetate	12.27	43	28083	3.917	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	24975	5.069	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	16077m	2.731	ug/l	
77) Bromobenzene	12.74	156	24210	5.049	ug/l	97
78) n-propylbenzene	12.80	91	139027	4.409	ug/l	100
79) 2-Chlorotoluene	12.89	91	83131	4.689	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	92530	4.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7078	4.454	ug/l	95
82) 4-Chlorotoluene	12.99	91	89151	4.722	ug/l	100
83) tert-Butylbenzene	13.21	119	73930	4.375	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	89914	4.311	ug/l	98
85) sec-Butylbenzene	13.38	105	112411	4.395	ug/l	98
86) p-Isopropyltoluene	13.49	119	94264	4.288	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	51189	5.038	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	51157	5.113	ug/l	93
89) n-Butylbenzene	13.82	91	102107	4.307	ug/l	98
90) Hexachloroethane	14.09	117	22466	5.095	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	44493	5.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	3811	4.817	ug/l	91

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MSVOA_W
ClientSampleId :
VSTDICC005

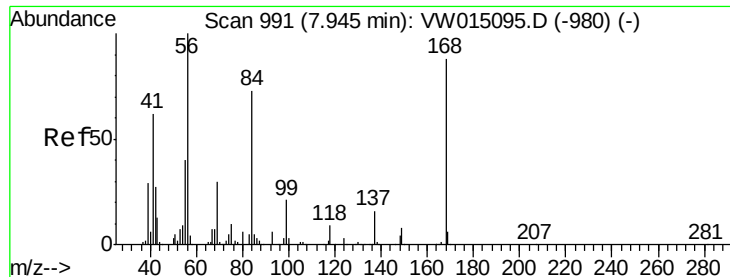
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	20314	3.989	ug/l	99
94) Hexachlorobutadiene	15.23	225	16144	5.049	ug/l	96
95) Naphthalene	15.36	128	30383	3.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	17973	3.979	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 431987

Ion Ratio Lower Upper

168 100

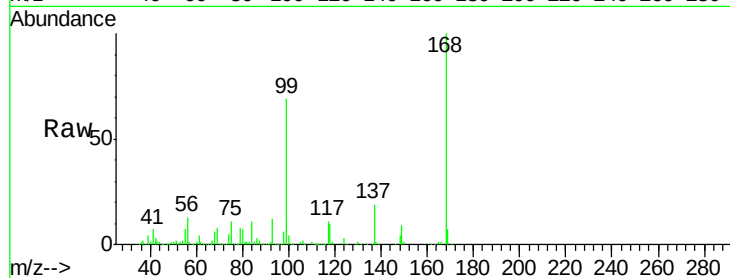
99 68.4 57.2 85.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

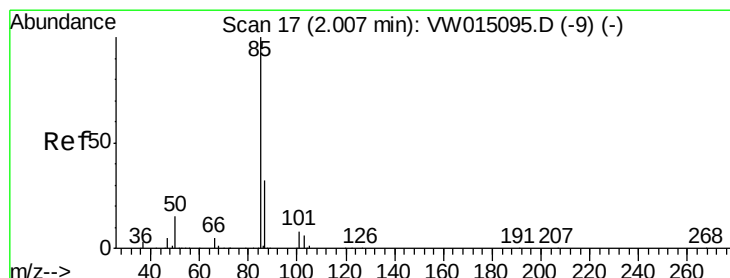
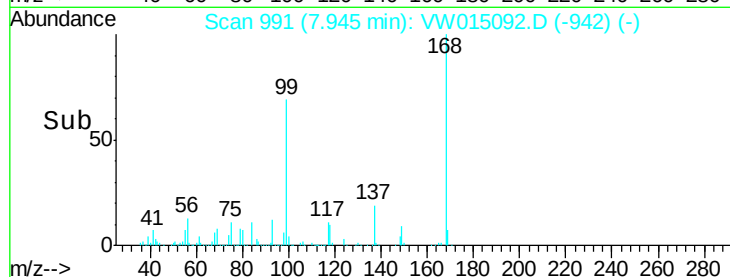
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.685 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW015092.D

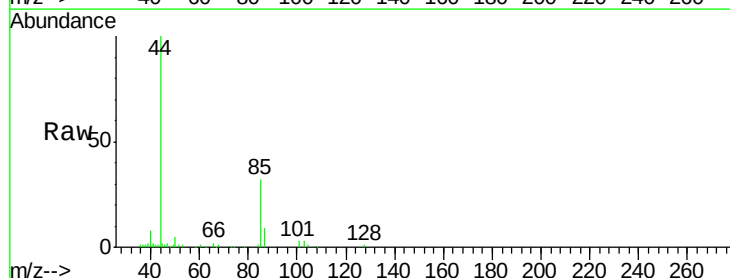
Acq: 09 Mar 2020 10:36

Tgt Ion: 85 Resp: 12273

Ion Ratio Lower Upper

85 100

87 28.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

5000

4000

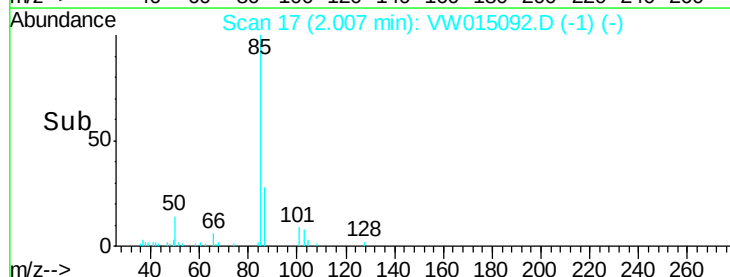
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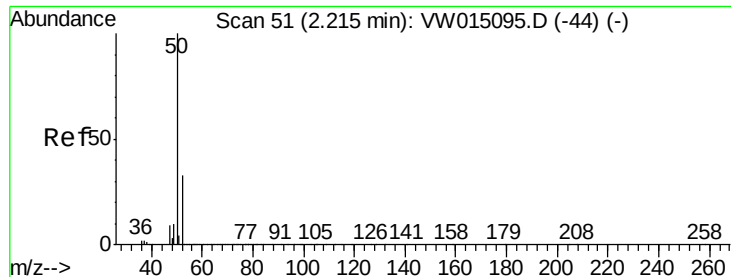
2000

1000

0

Time-->





#3

Chloromethane

Concen: 5.879 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 33044

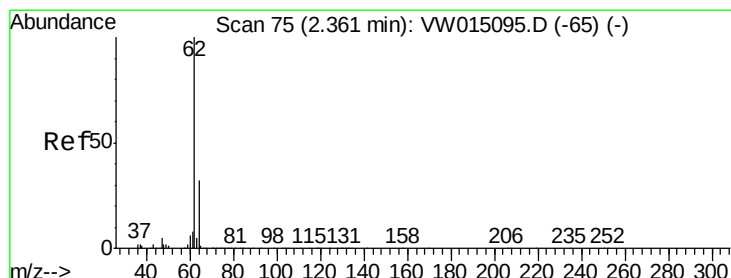
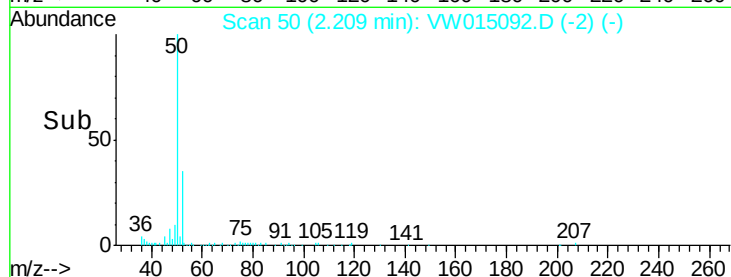
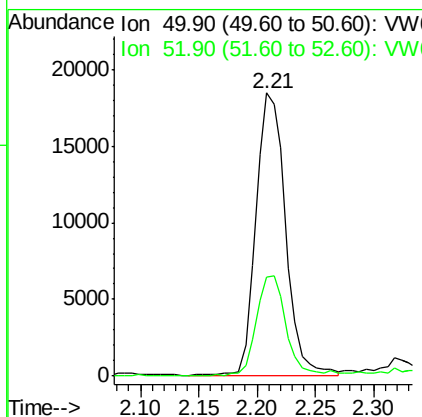
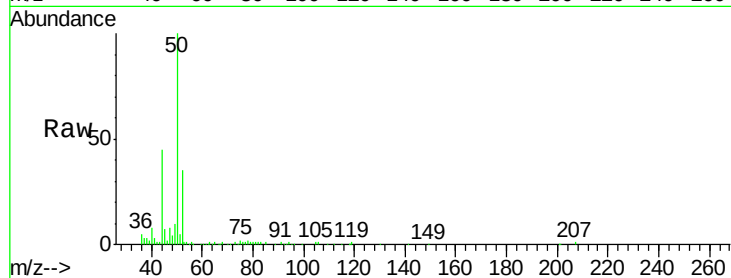
Ion Ratio Lower Upper

50 100

52 35.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 5.551 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015092.D

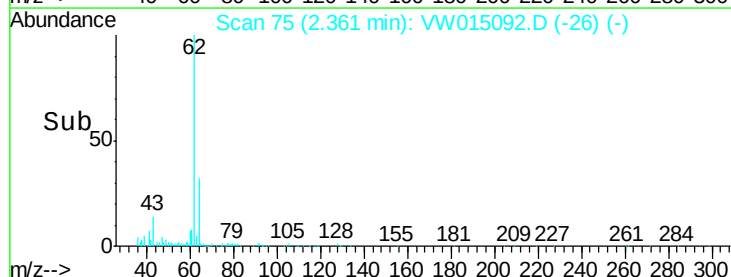
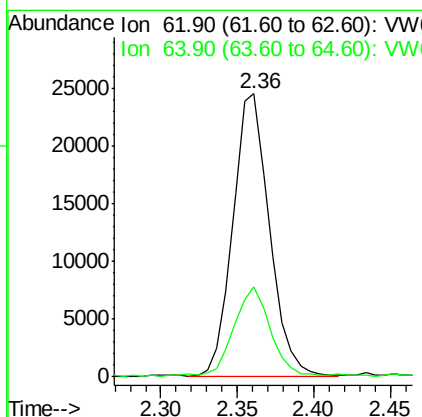
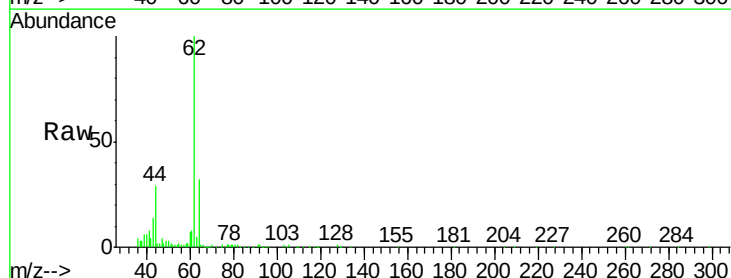
Acq: 09 Mar 2020 10:36

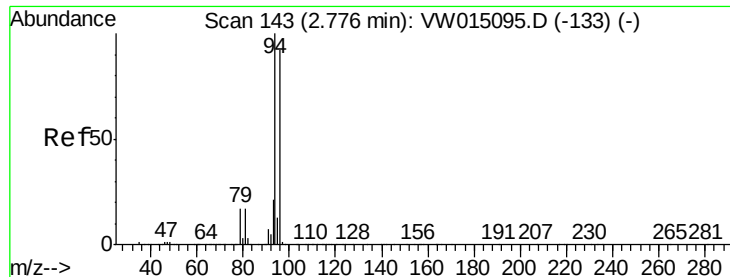
Tgt Ion: 62 Resp: 40849

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 5.439 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 22879

Ion Ratio Lower Upper

94 100

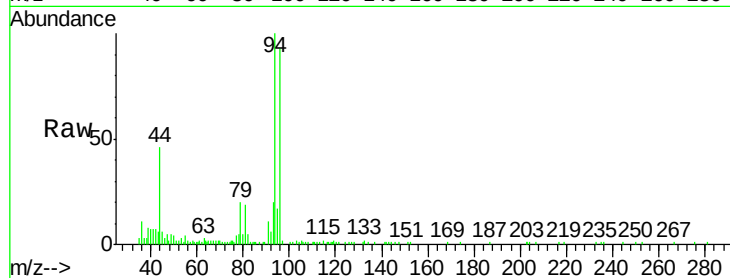
96 93.2 74.0 111.0

Manual Integrations

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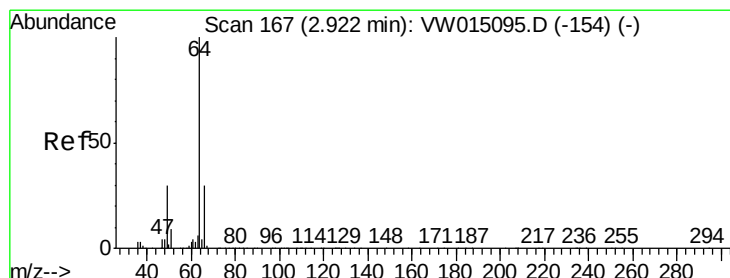
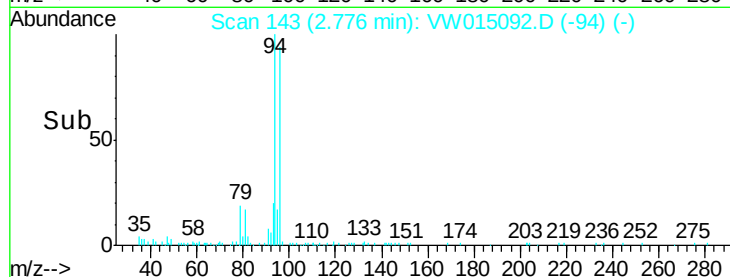
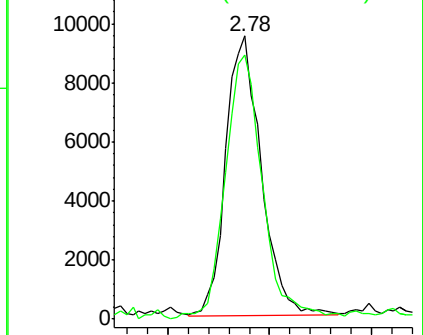
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 5.288 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015092.D

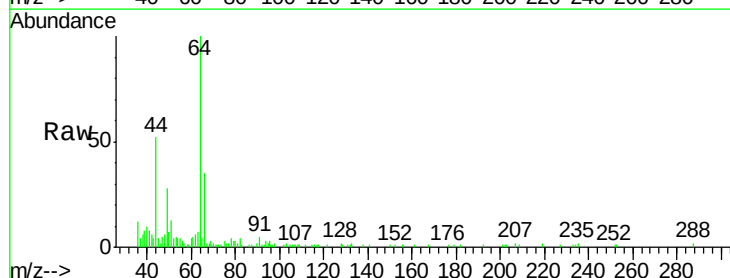
Acq: 09 Mar 2020 10:36

Tgt Ion: 64 Resp: 22538

Ion Ratio Lower Upper

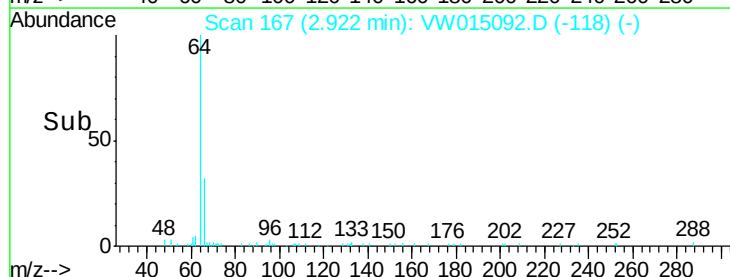
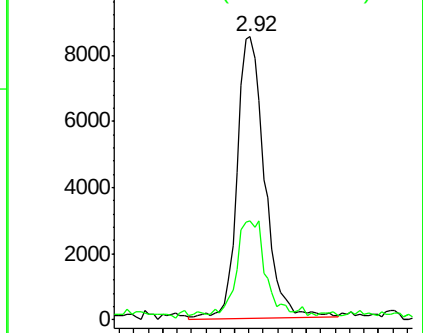
64 100

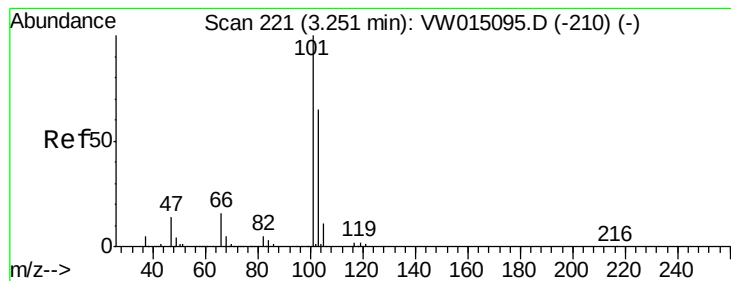
66 34.1 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

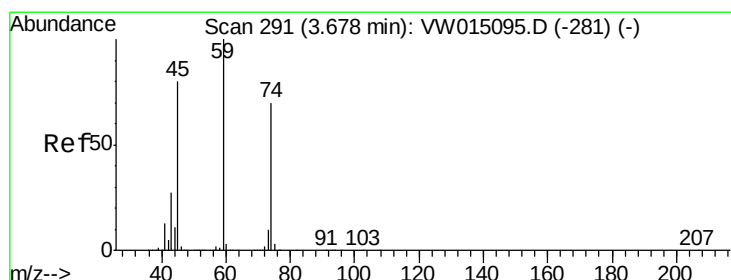
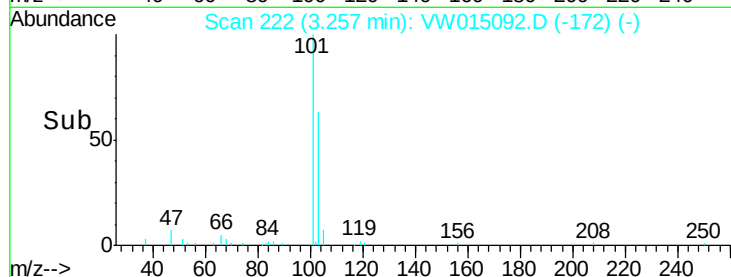
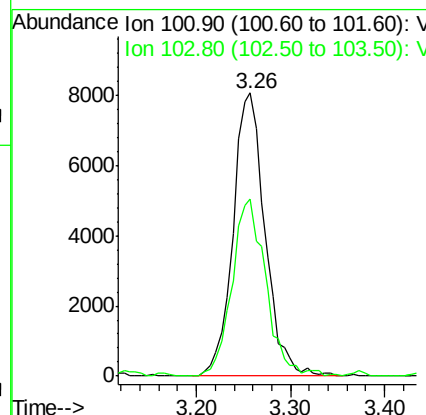
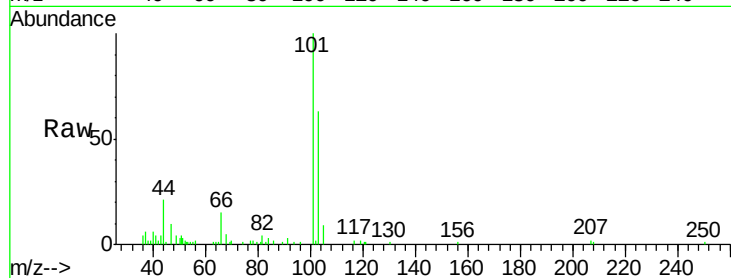
Trichlorofluoromethane
 Concen: 5.175 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
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 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.8	77.6

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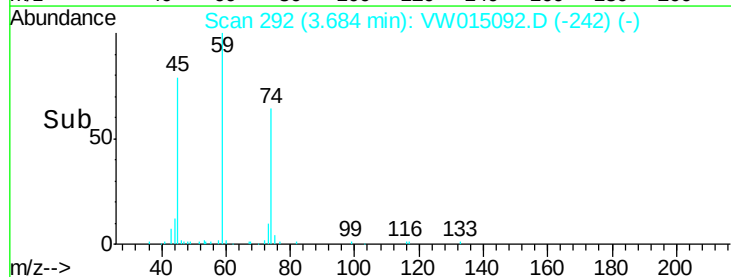
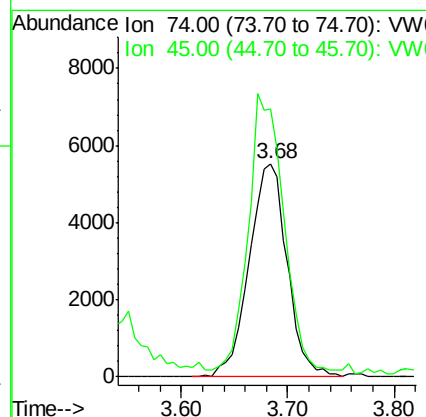
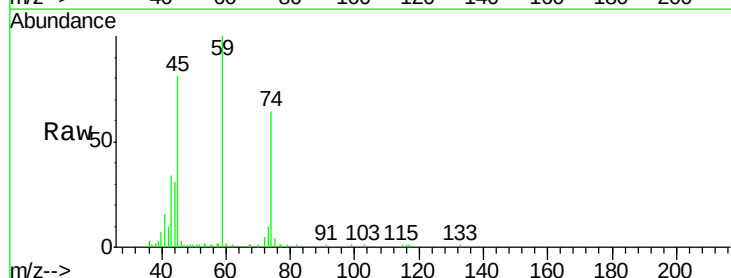
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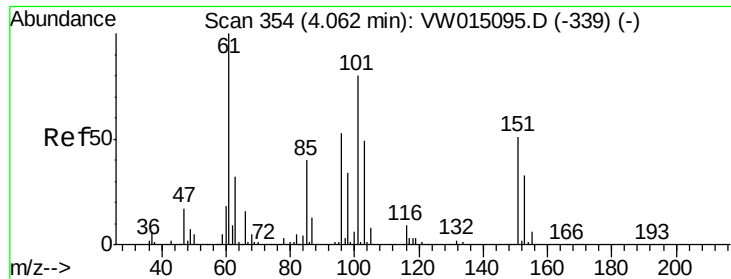


#8

Diethyl Ether
 Concen: 4.938 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	119.3	59.2	177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.619 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015092.D

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Instrument :

MSVOA_W

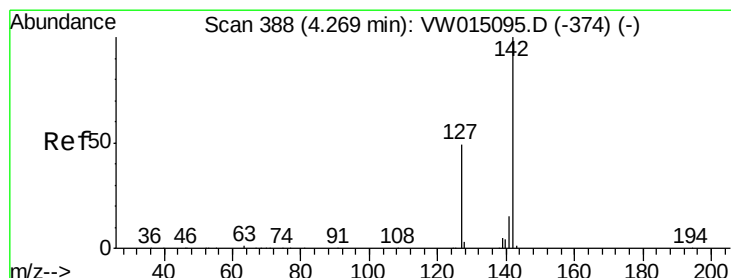
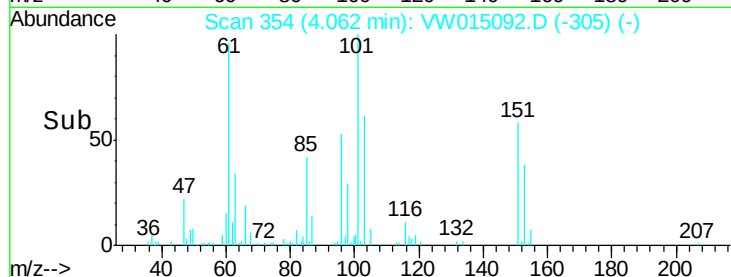
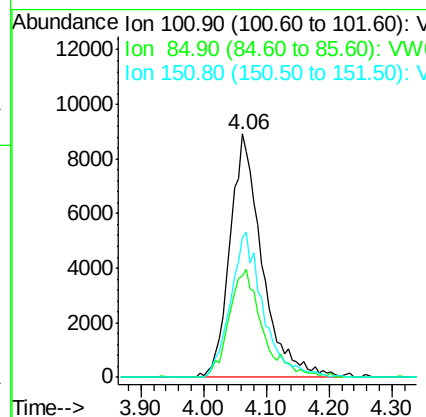
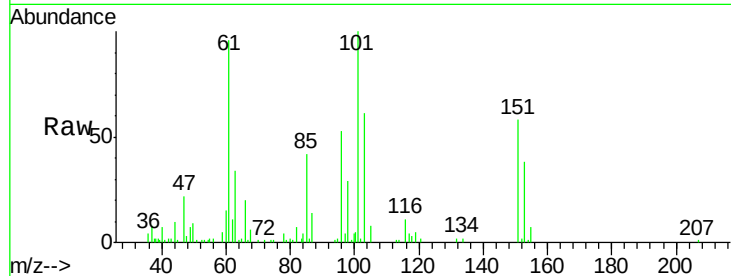
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	31542
Ion Ratio	Lower	Upper	
101	100		
85	46.4	39.0	58.4
151	60.5	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 5.158 ug/l

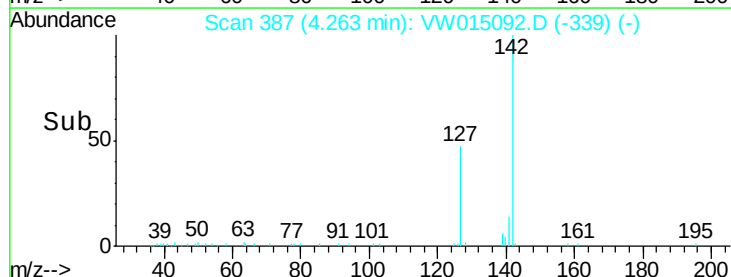
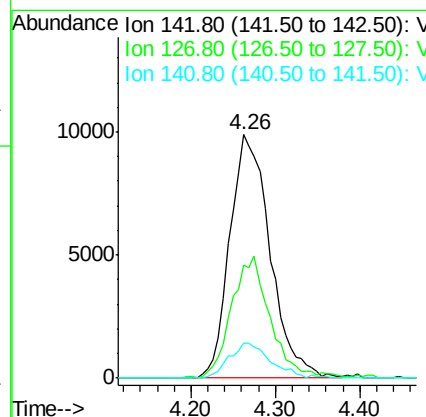
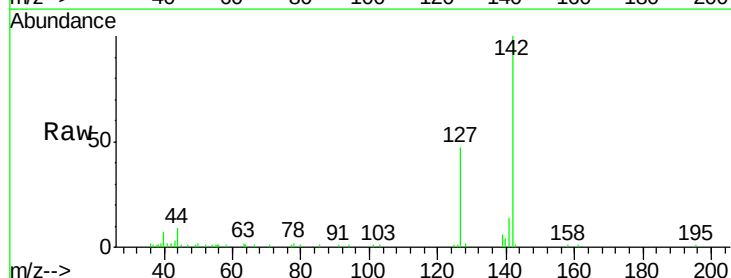
RT: 4.26 min Scan# 387

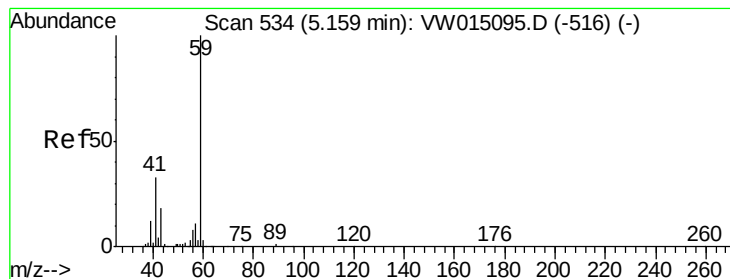
Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	142	Resp:	32214
Ion Ratio	Lower	Upper	
142	100		
127	47.4	38.2	57.4
141	14.5	12.0	18.0





#11

Tert butyl alcohol

Concen: 30.602 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 59 Resp: 11171

Ion Ratio Lower Upper

59 100

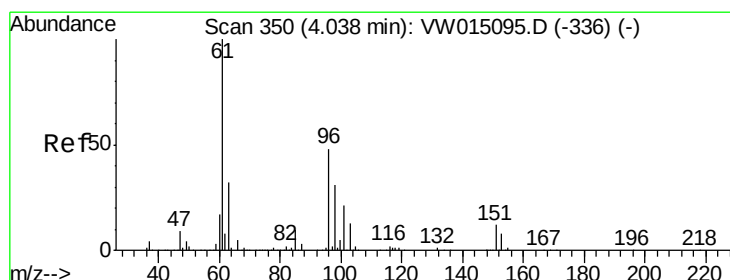
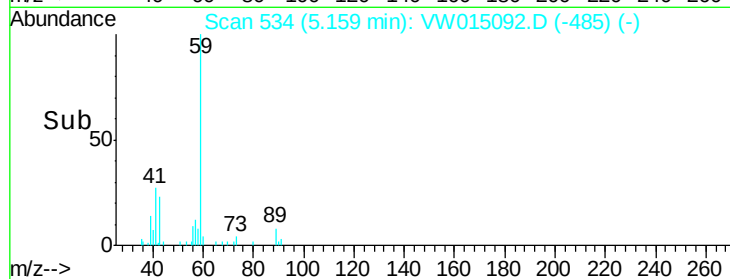
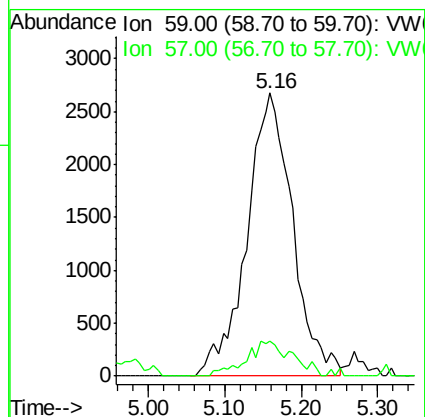
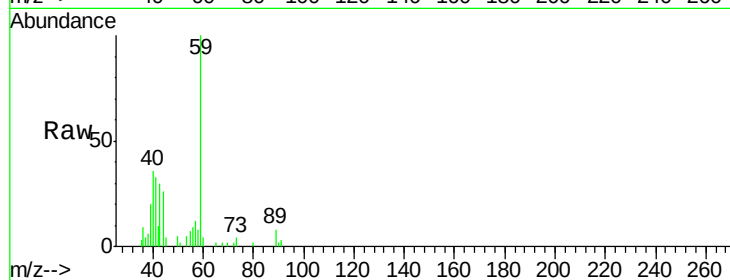
57 9.2 9.1 13.7

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 5.044 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

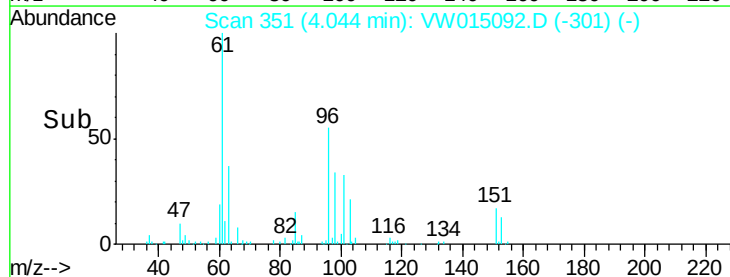
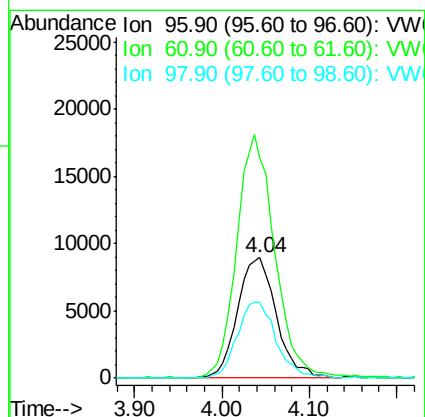
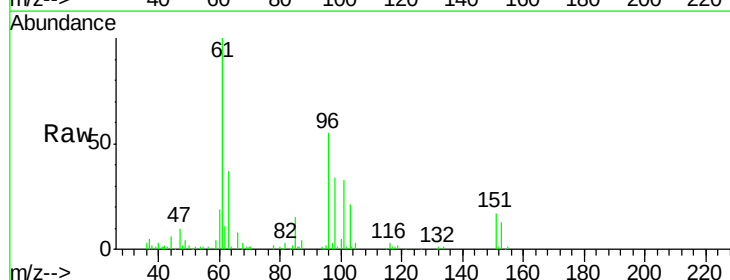
Tgt Ion: 96 Resp: 27684

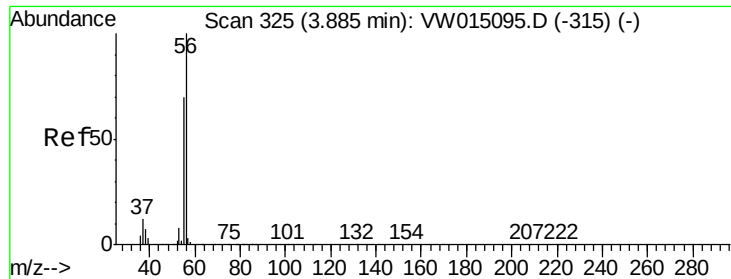
Ion Ratio Lower Upper

96 100

61 183.4 165.5 248.3

98 63.0 51.1 76.7





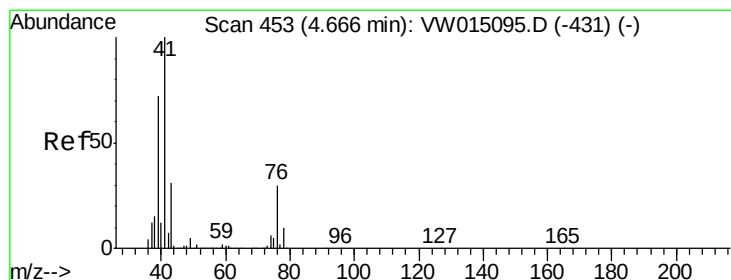
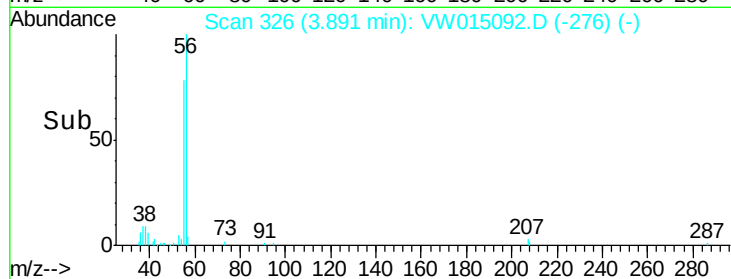
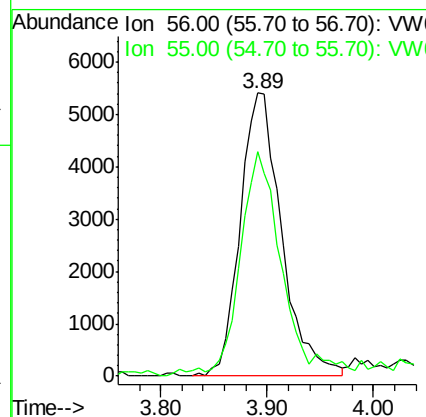
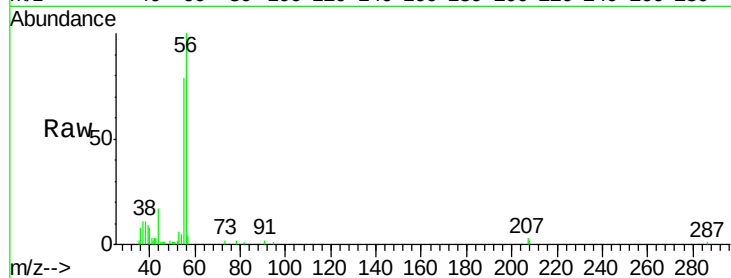
#13
Acrolein
Concen: 27.654 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	56	Resp	14764
Ion Ratio	100	Lower	Upper
55	76.0	55.4	83.2

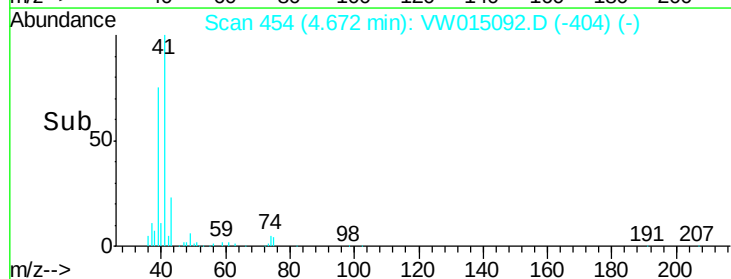
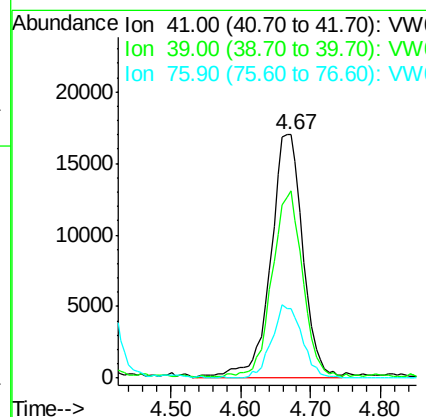
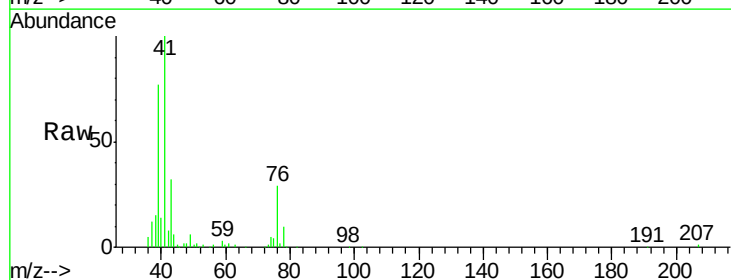
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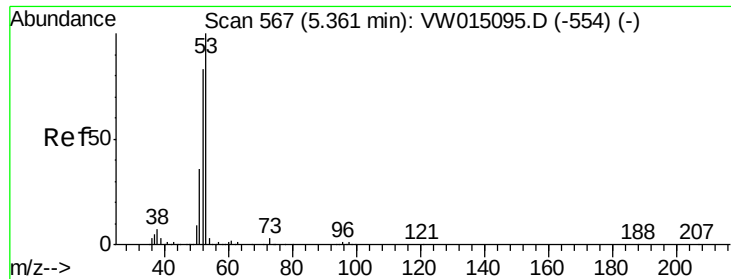
MMDadoda
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#14
Allyl chloride
Concen: 4.904 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	41	Resp	53939
Ion Ratio	100	Lower	Upper
39	73.0	56.9	85.3
76	28.7	23.2	34.8





#15

Acrylonitrile

Concen: 23.983 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

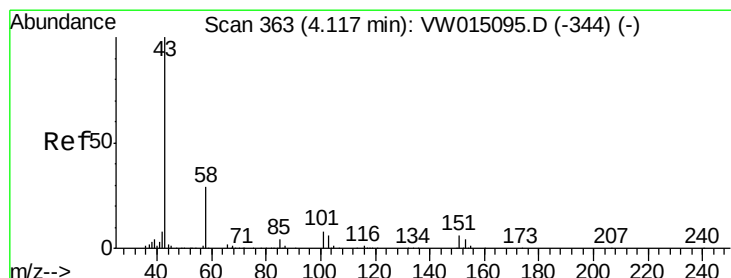
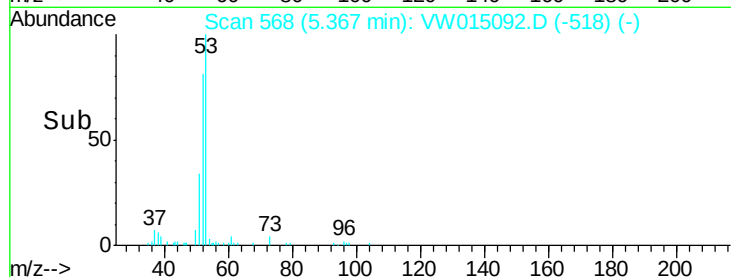
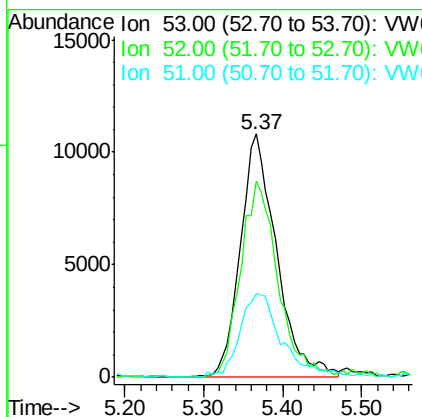
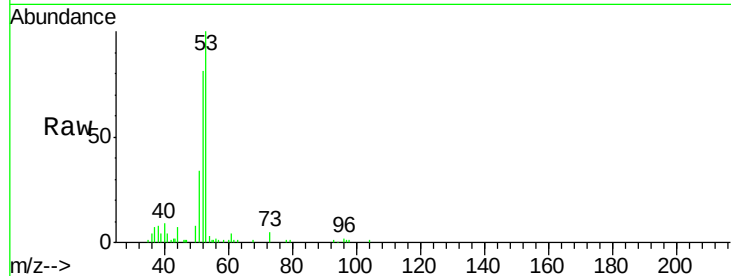
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	34496
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.2	100.8
51	40.0	29.8	44.6

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#16

Acetone

Concen: 26.654 ug/l

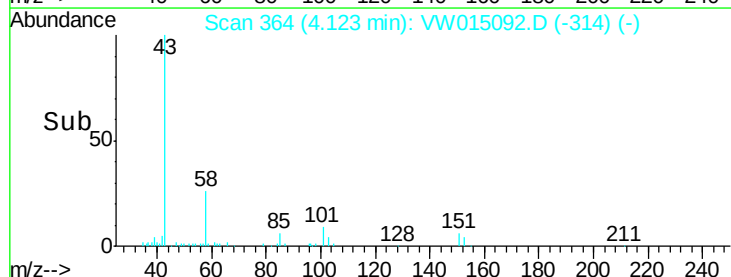
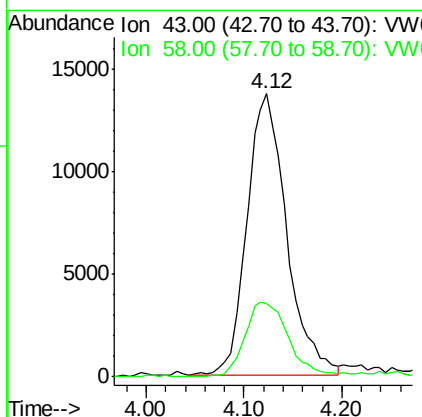
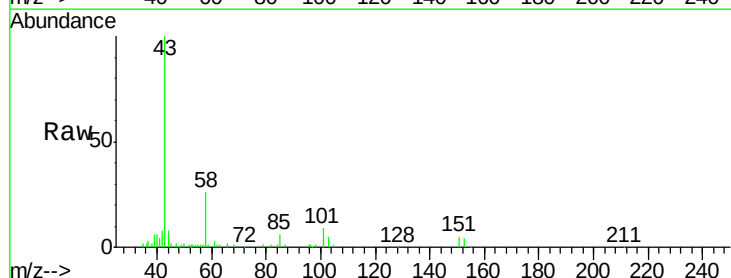
RT: 4.12 min Scan# 364

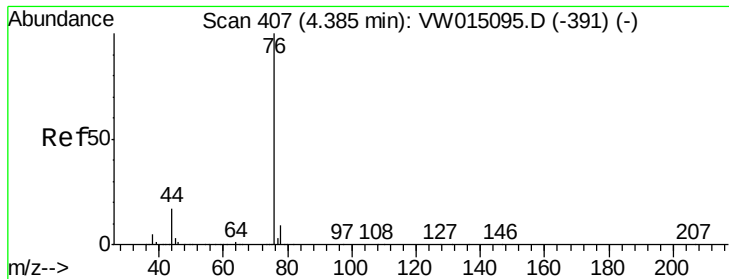
Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	43	Resp:	38611
Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.9	34.3





#17

Carbon Disulfide

Concen: 5.265 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 102460

Ion Ratio Lower Upper

76 100

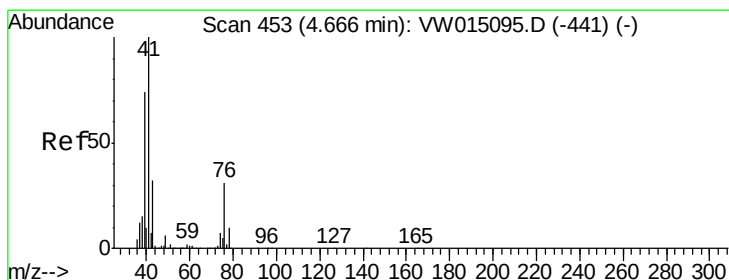
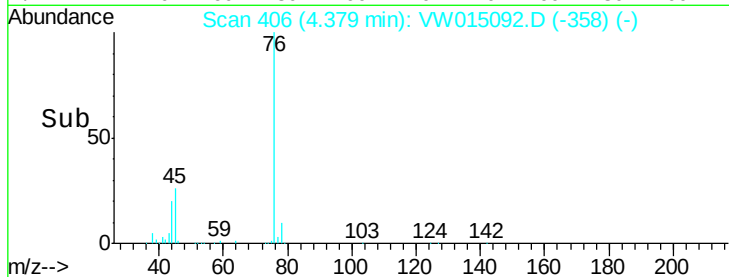
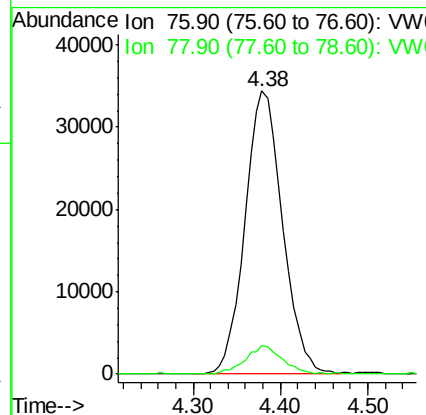
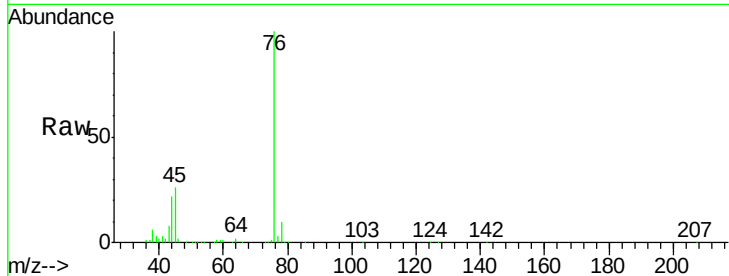
78 10.3 6.9 10.3#

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#18

Methyl Acetate

Concen: 4.888 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015092.D

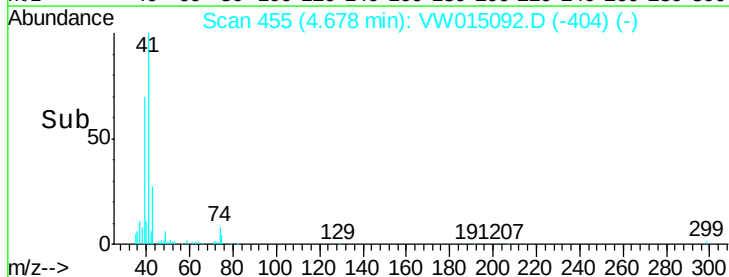
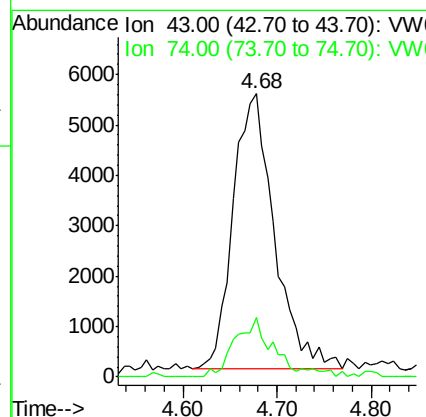
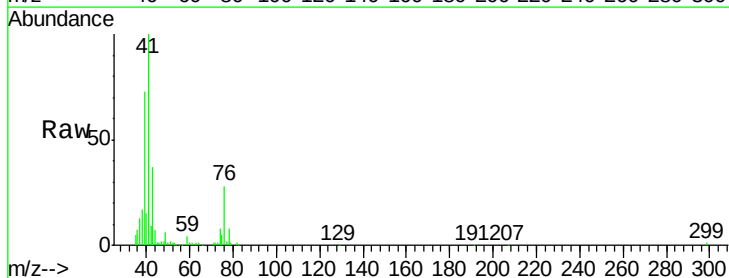
Acq: 09 Mar 2020 10:36

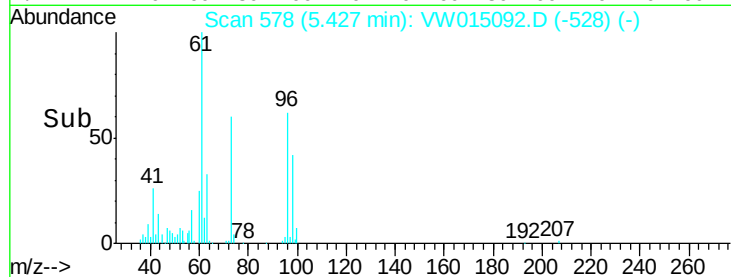
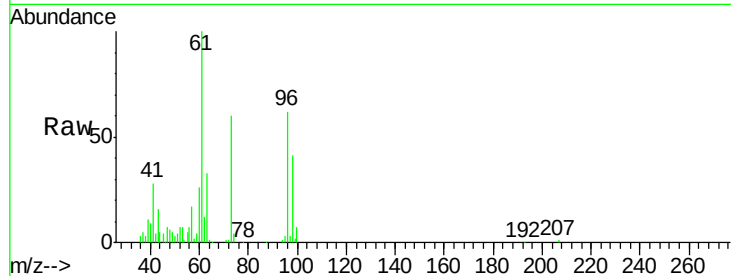
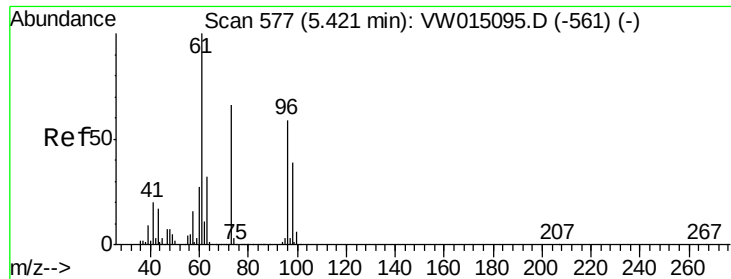
Tgt Ion: 43 Resp: 16786

Ion Ratio Lower Upper

43 100

74 18.7 15.8 23.6





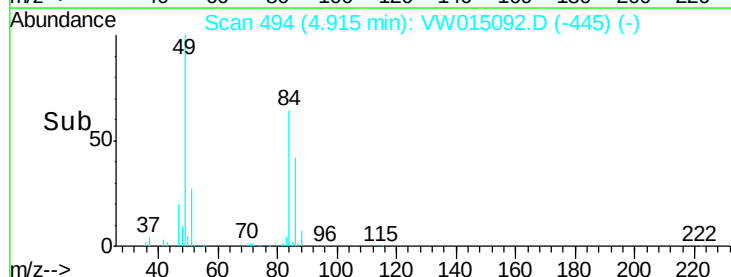
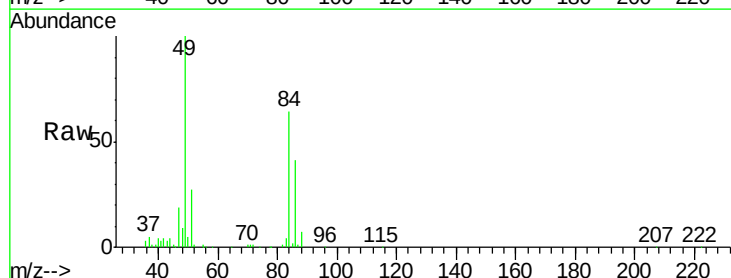
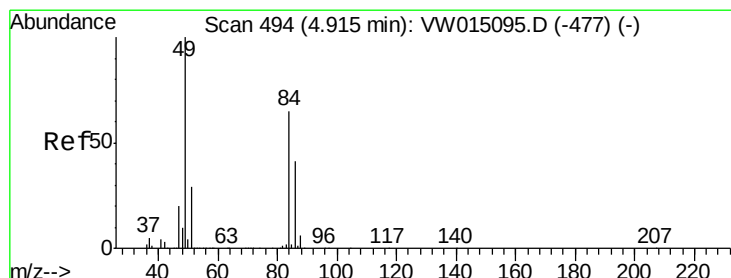
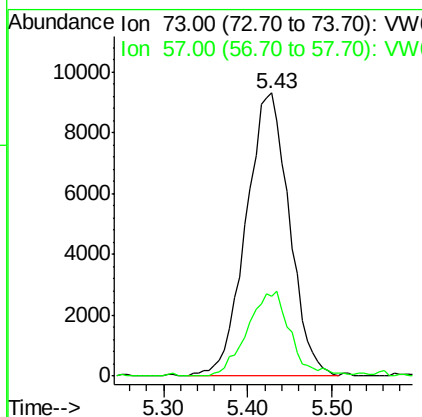
#19
Methyl tert-butyl Ether
Concen: 4.655 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tot Ion: 73 Resp: 32709
Ion Ratio Lower Upper
73 100
57 28.2 19.3 28.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

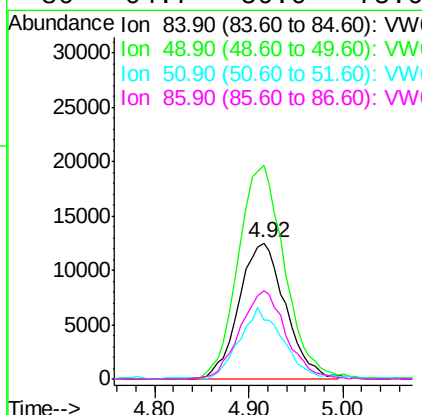
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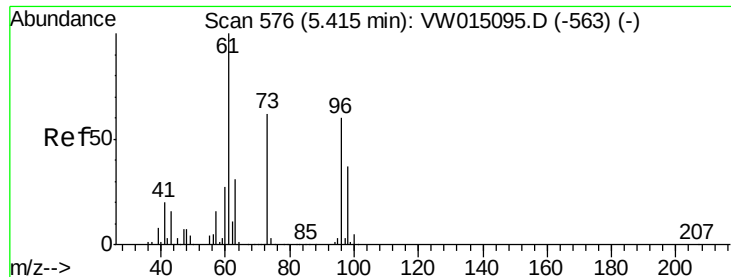
MMDadoda
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#20
Methylene Chloride
Concen: 6.436 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion: 84 Resp: 43163
Ion Ratio Lower Upper
84 100
49 156.4 122.8 184.2
51 42.5 35.9 53.9
86 64.7 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 5.268 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

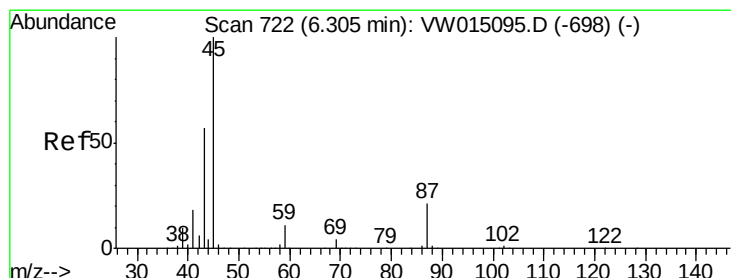
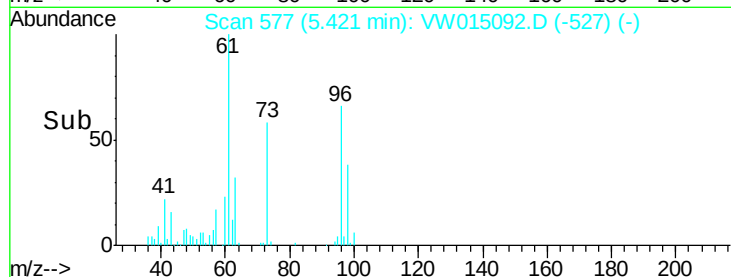
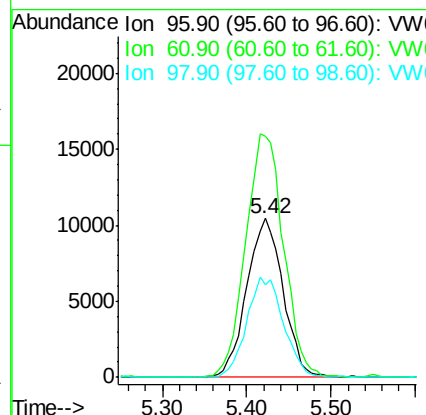
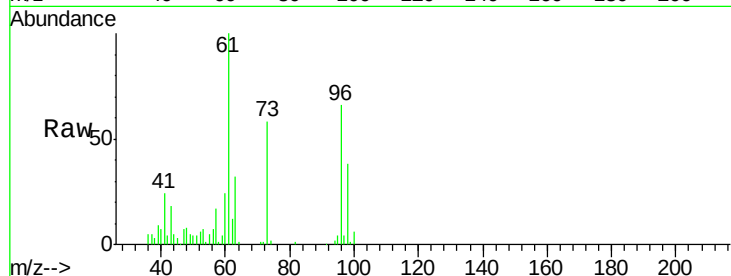
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	30701
Ion	Ratio	Lower	Upper
96	100		
61	151.5	132.5	198.7
98	57.8	48.9	73.3

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#22

Diisopropyl ether

Concen: 4.471 ug/l

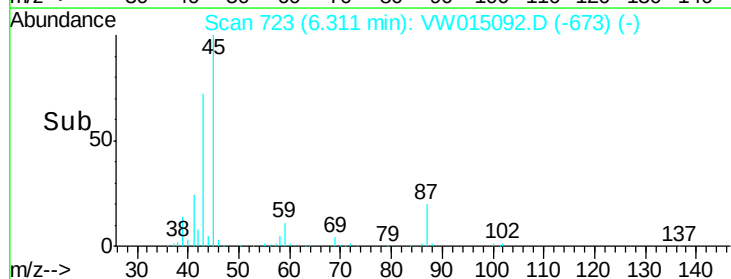
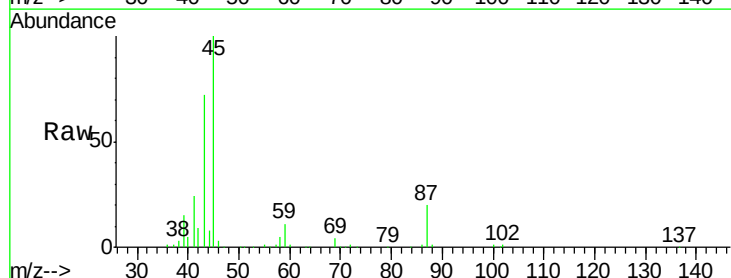
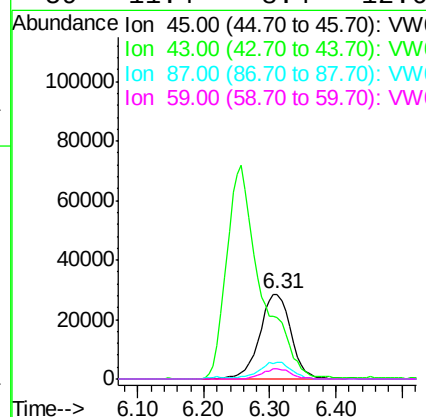
RT: 6.31 min Scan# 723

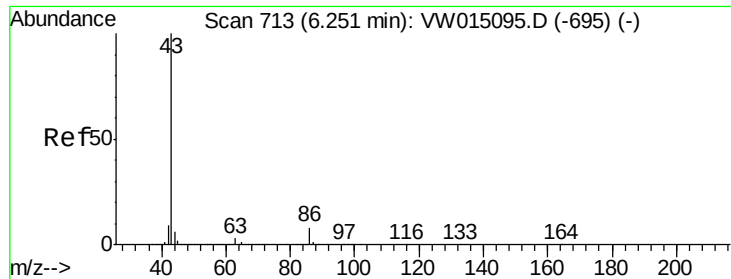
Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	45	Resp:	94369
Ion	Ratio	Lower	Upper
45	100		
43	71.9	45.4	68.0#
87	20.1	16.4	24.6
59	11.4	8.4	12.6





#23

Vinyl Acetate

Concen: 20.656 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 257350

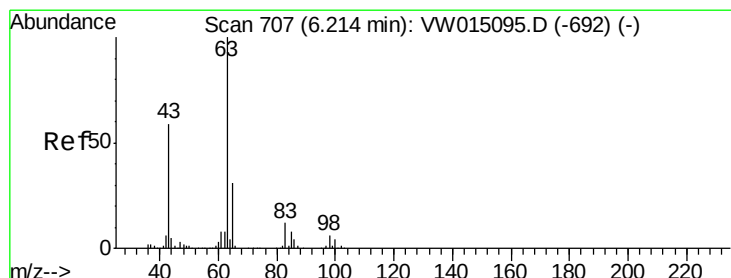
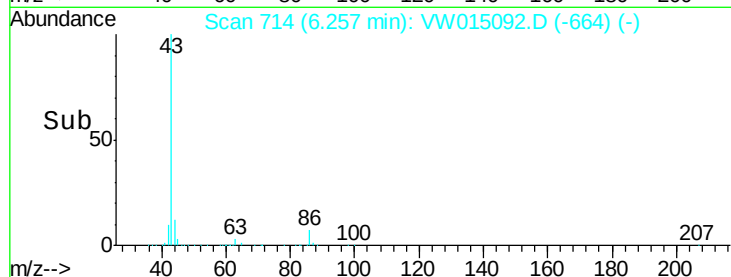
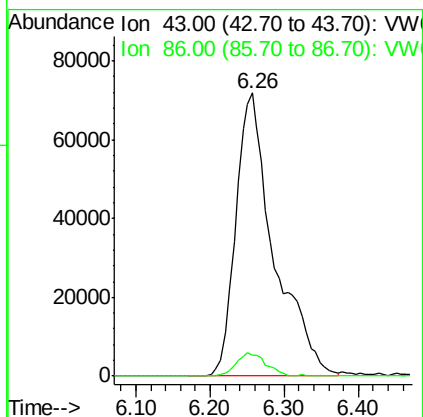
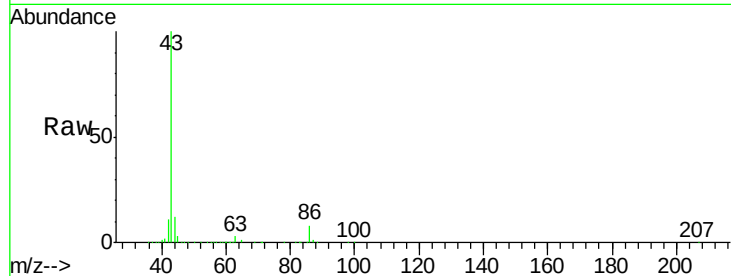
Ion Ratio Lower Upper

43 100

86 7.5 6.3 9.5

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#24

1,1-Dichloroethane

Concen: 5.277 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

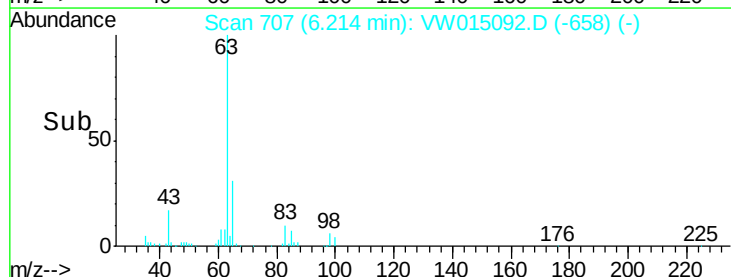
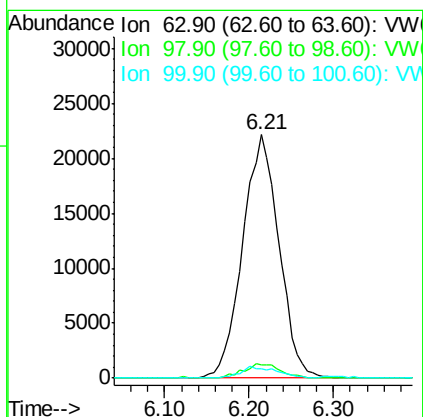
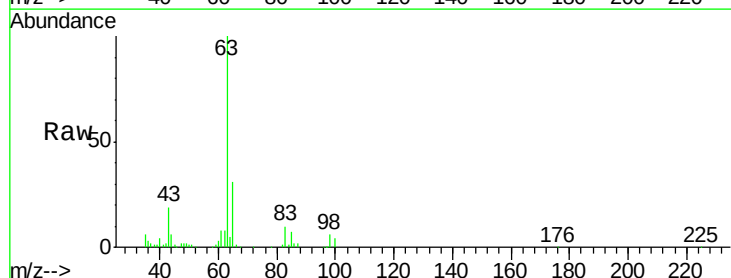
Tgt Ion: 63 Resp: 64944

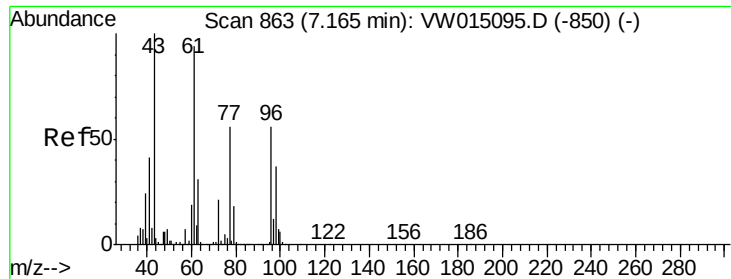
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 23.033 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 45740

Ion Ratio Lower Upper

43 100

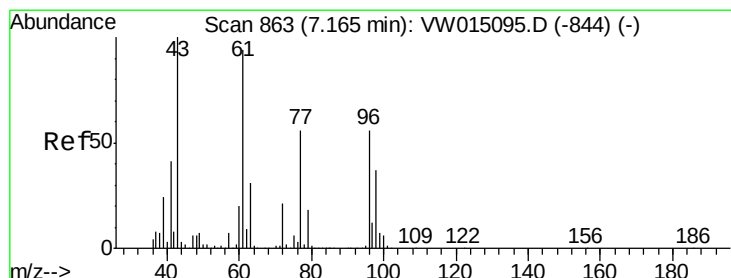
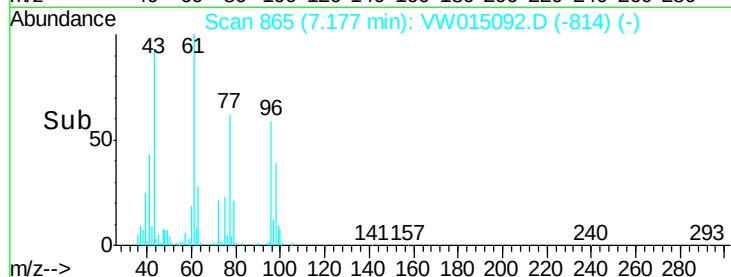
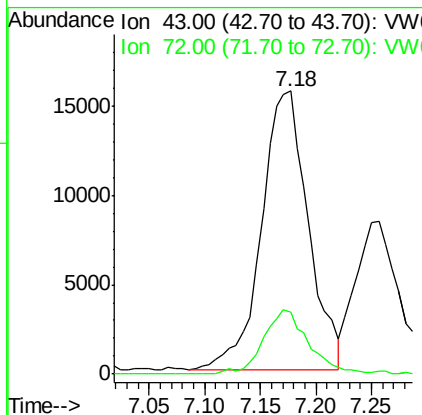
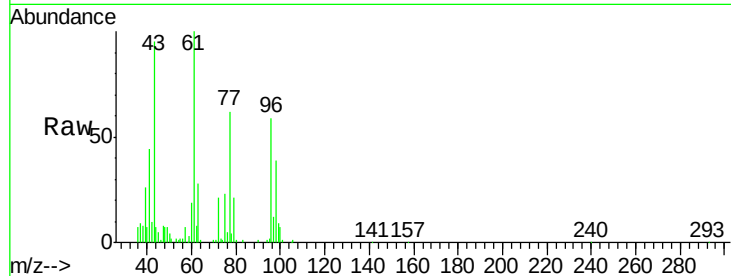
72 22.3 17.0 25.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.876 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015092.D

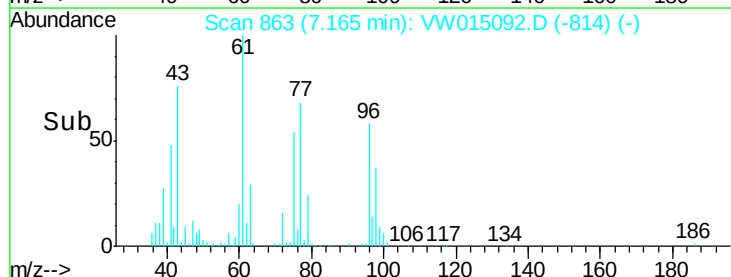
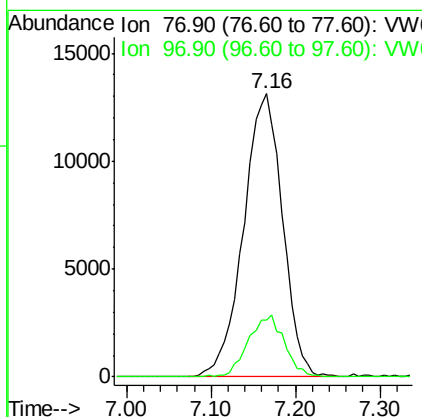
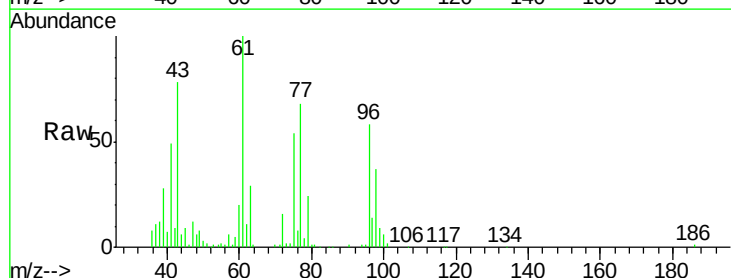
Acq: 09 Mar 2020 10:36

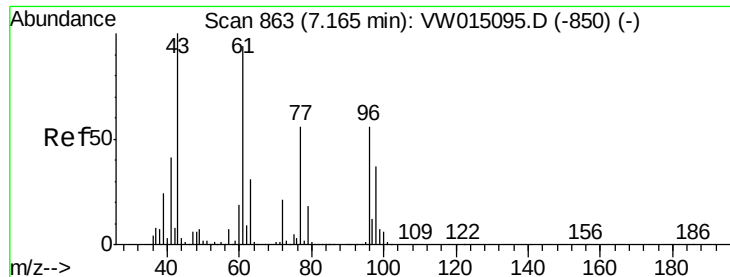
Tgt Ion: 77 Resp: 41361

Ion Ratio Lower Upper

77 100

97 20.0 10.6 31.8





#27

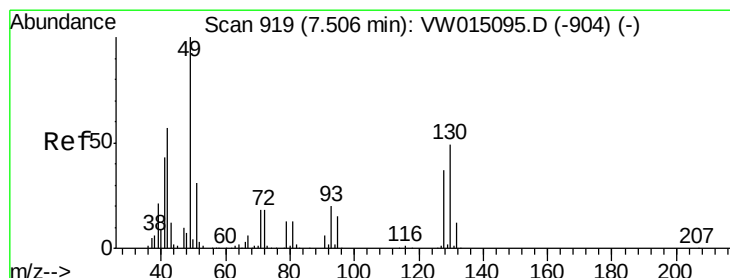
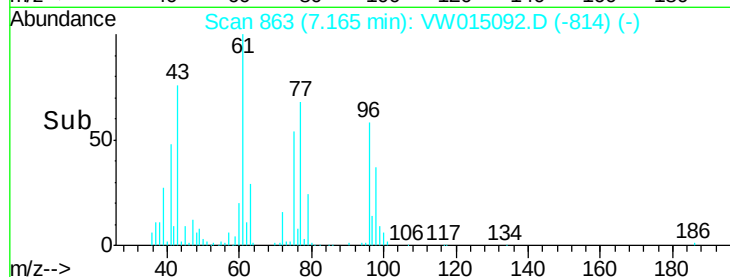
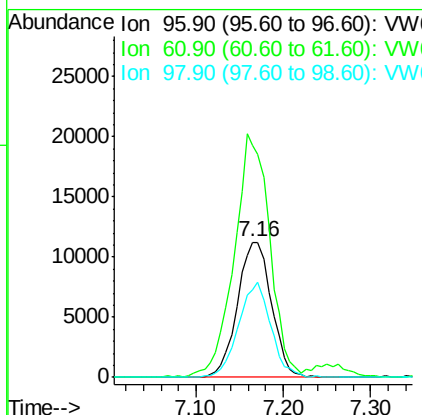
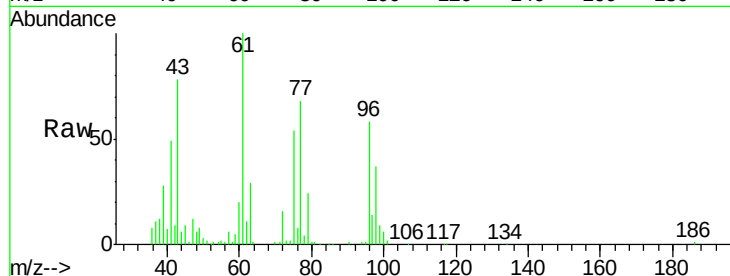
cis-1,2-Dichloroethene
Concen: 5.030 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.1	0.0	343.4
98	66.1	0.0	127.6

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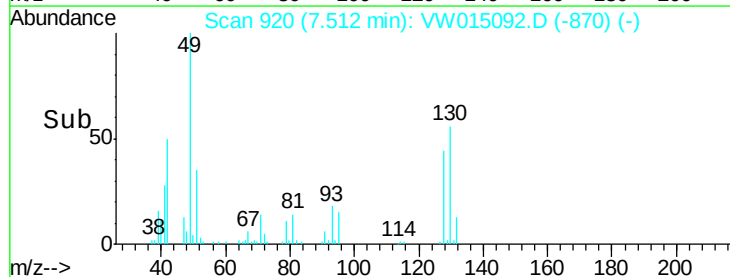
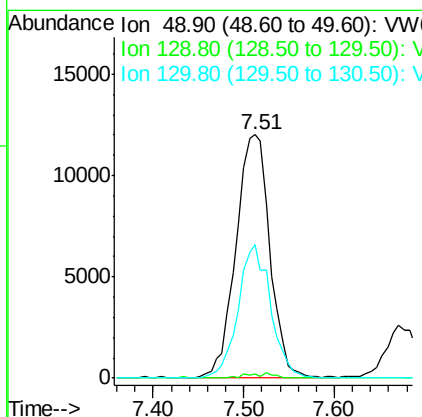
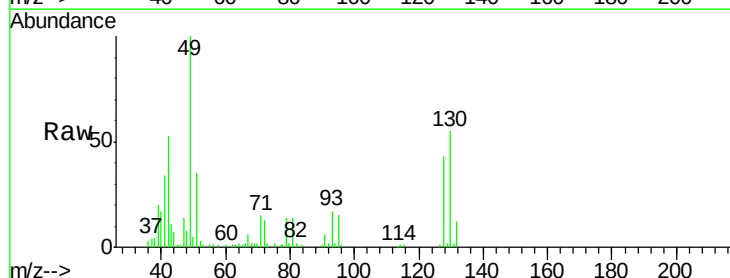
MMDadoda
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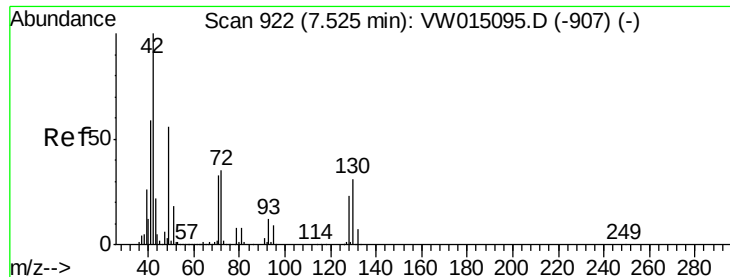


#28

Bromochloromethane
Concen: 5.287 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.0
130	52.5	39.8	59.6





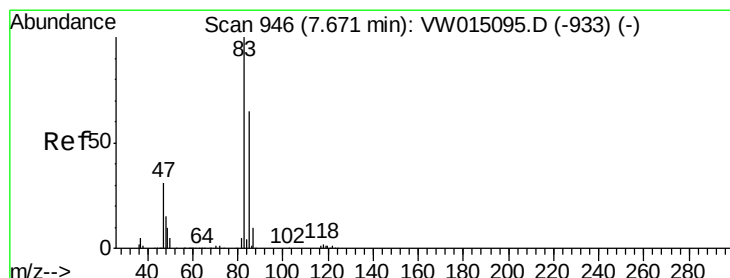
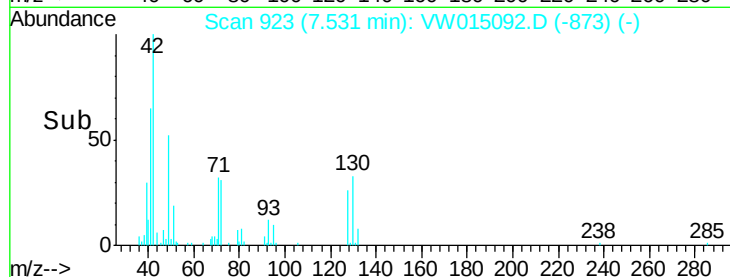
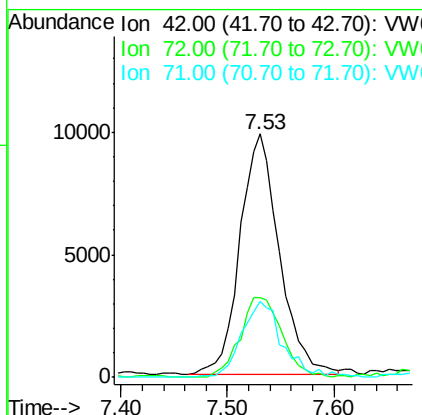
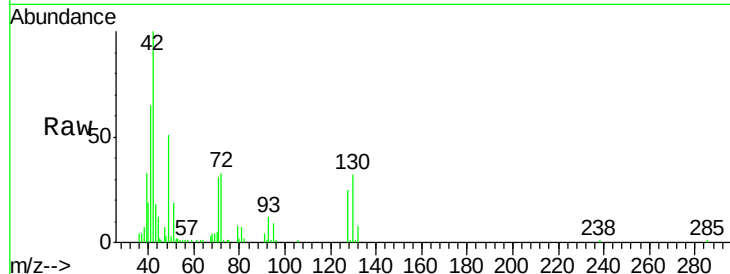
#29
Tetrahydrofuran
Concen: 20.341 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	27.8	41.6
71	33.2	26.4	39.6

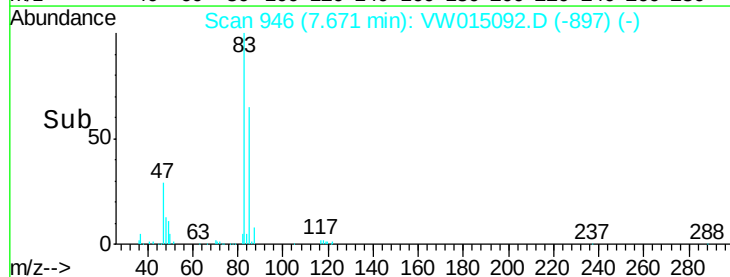
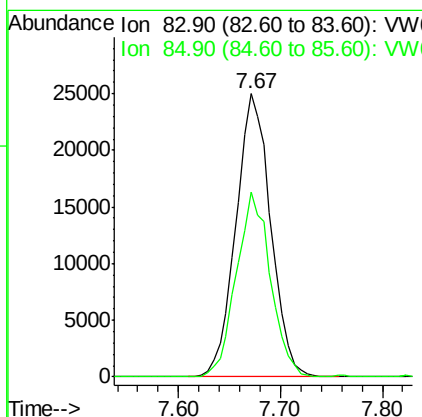
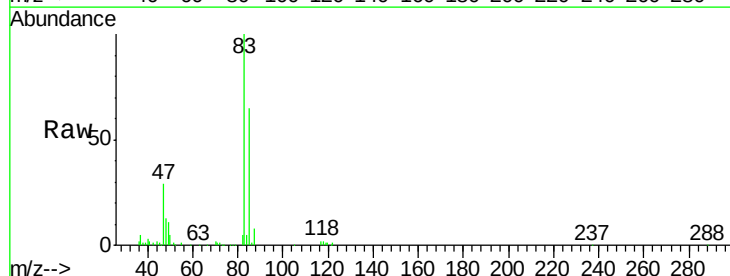
Manual Integrations
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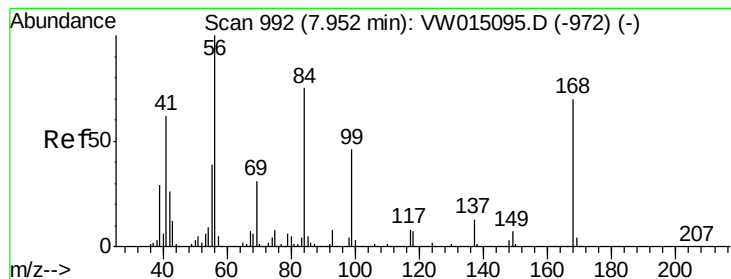
MMDadoda
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#30
Chloroform
Concen: 5.405 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9





#31

Cyclohexane

Concen: 5.627 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

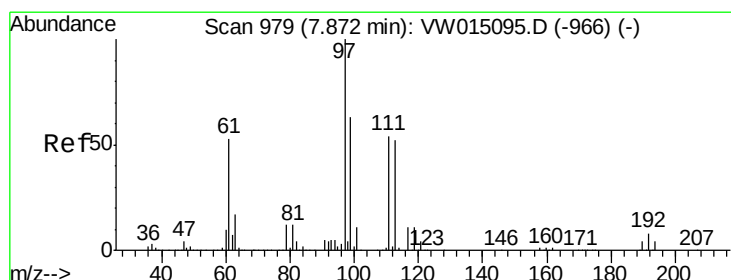
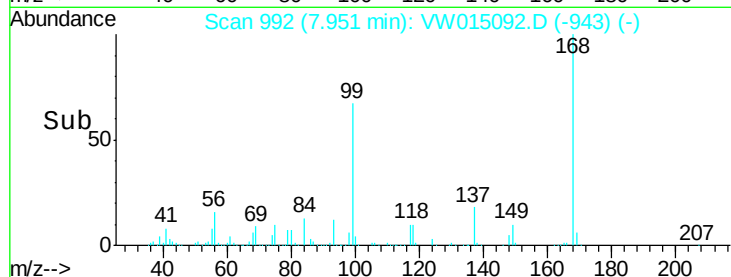
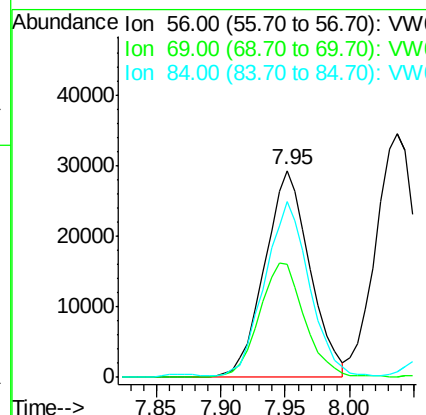
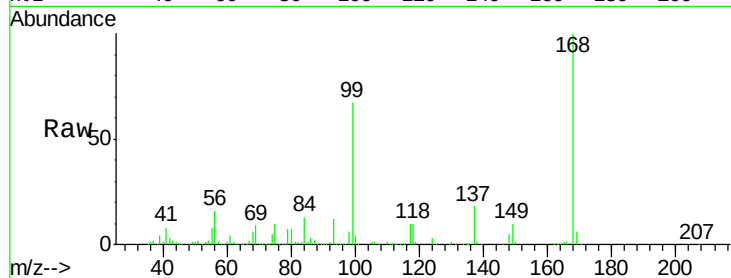
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	71231
Ion Ratio	Lower	Upper	
56	100		
69	54.5	24.6	37.0#
84	83.8	59.9	89.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.361 ug/l

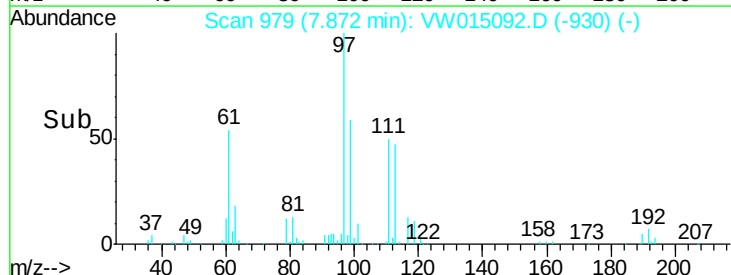
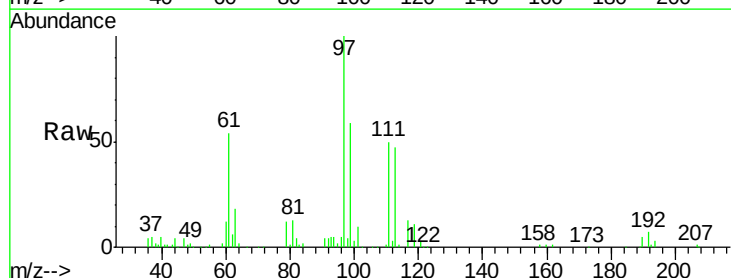
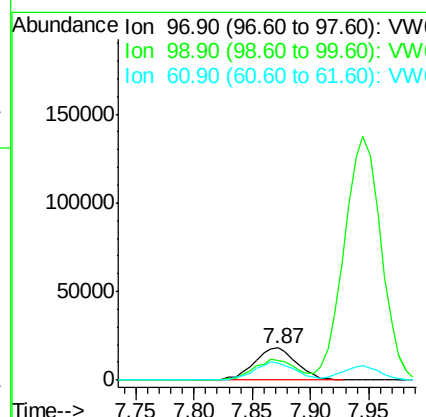
RT: 7.87 min Scan# 979

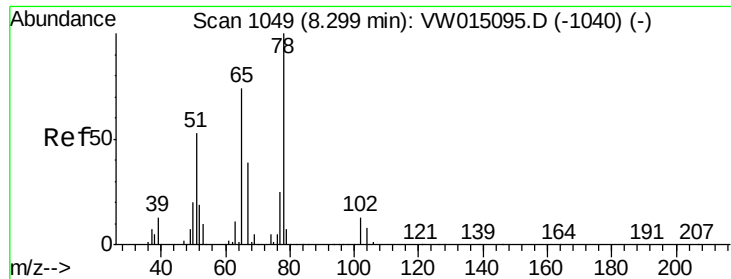
Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	97	Resp:	45721
Ion Ratio	Lower	Upper	
97	100		
99	65.4	51.3	76.9
61	55.4	44.0	66.0





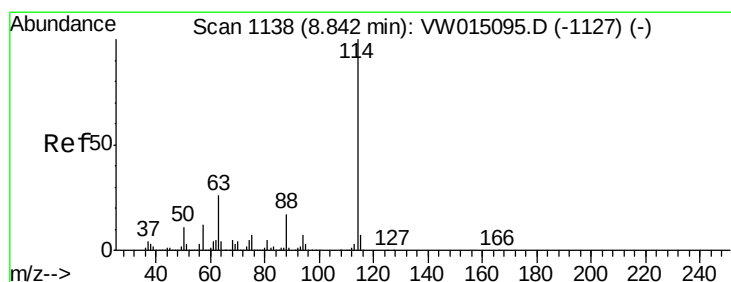
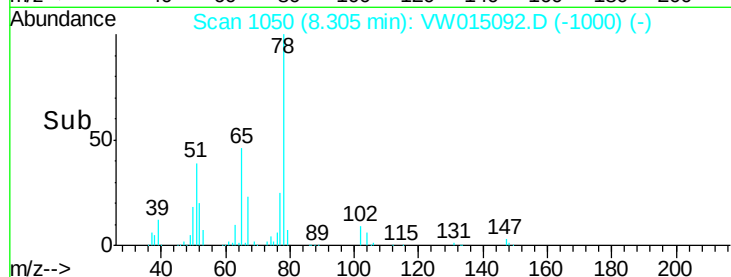
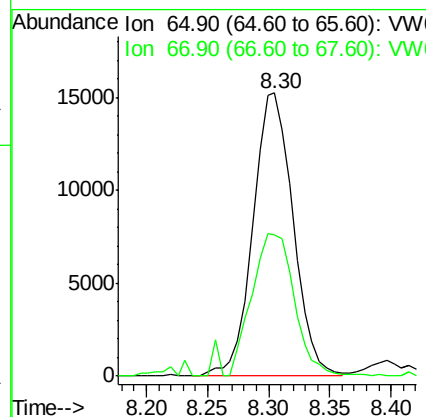
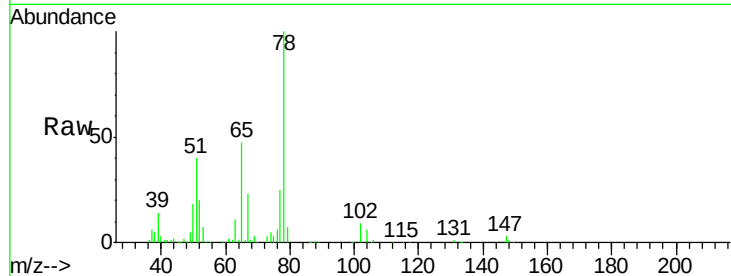
#33
 1,2-Dichloroethane-d4
 Concen: 5.477 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	34792		
67	53.6	0.0	105.0	

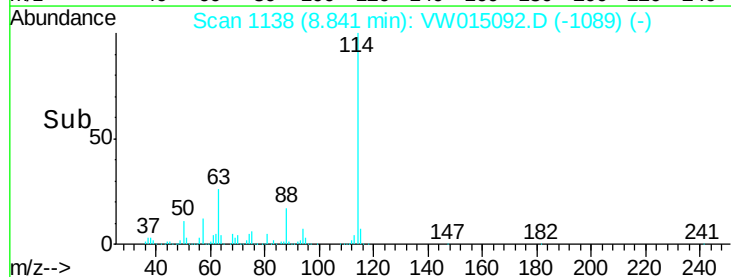
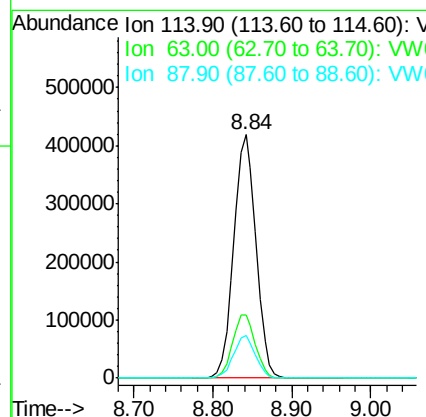
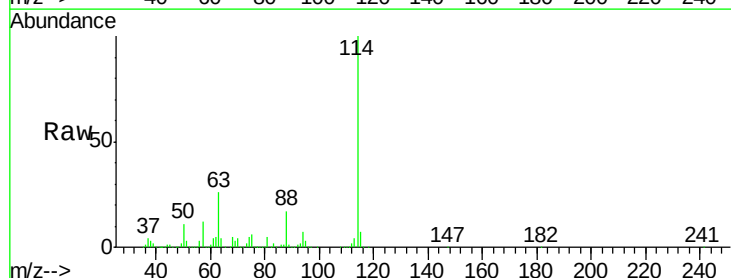
Manual Integrations
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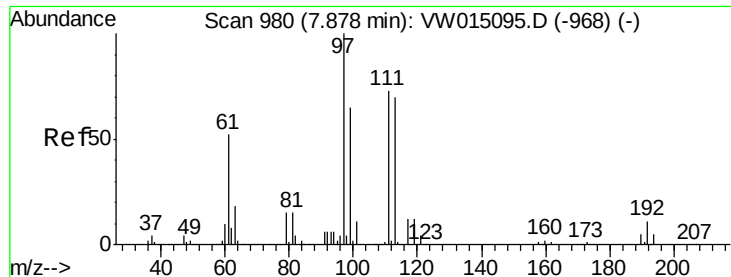
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	819465		
63	25.9	0.0	52.0	
88	17.3	0.0	34.2	





#35

Dibromofluoromethane

Concen: 5.363 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

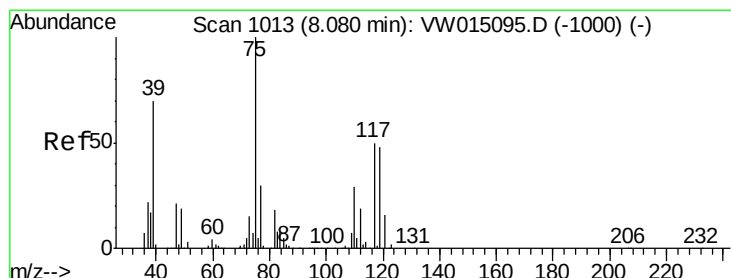
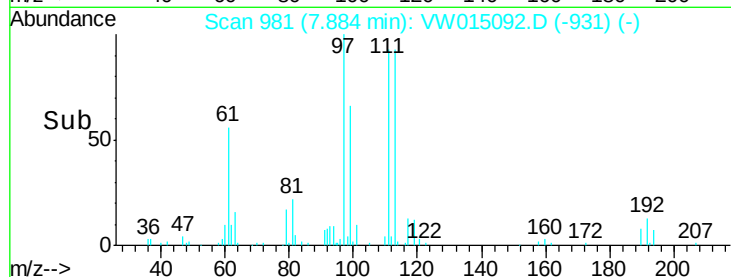
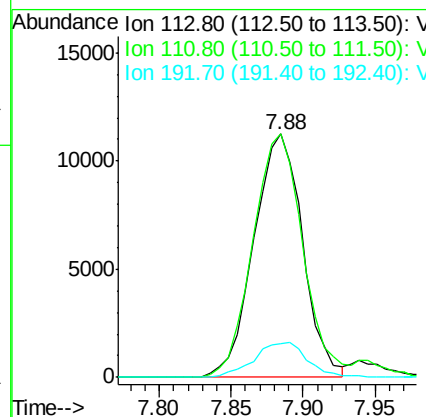
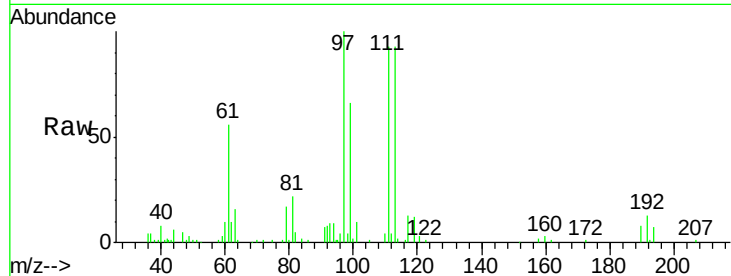
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	26312
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.6	125.4
192	15.6	12.4	18.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.888 ug/l

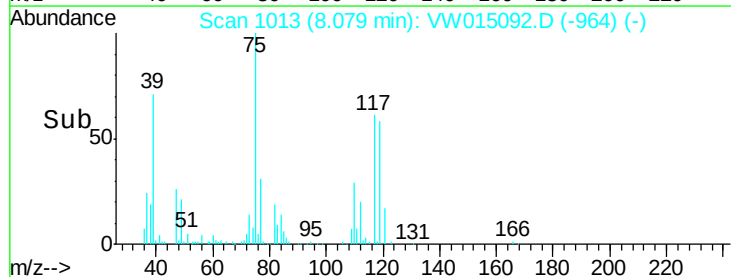
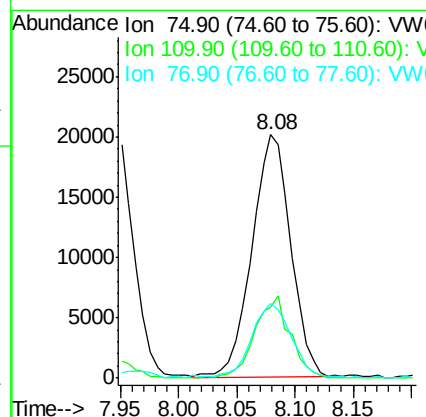
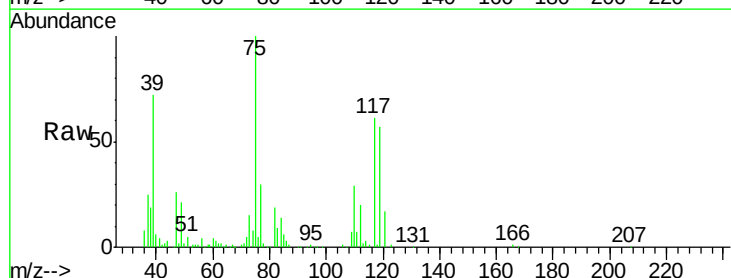
RT: 8.08 min Scan# 1013

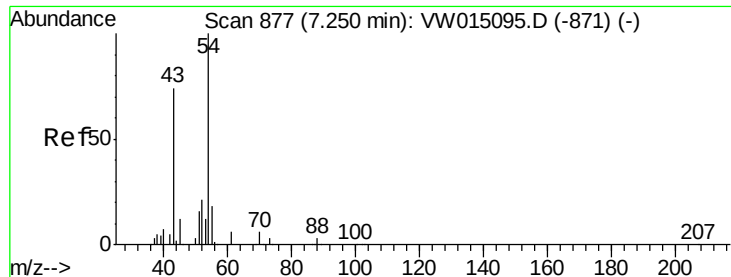
Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	75	Resp:	46450
Ion Ratio	Lower	Upper	
75	100		
110	31.1	14.7	44.1
77	32.4	24.2	36.4





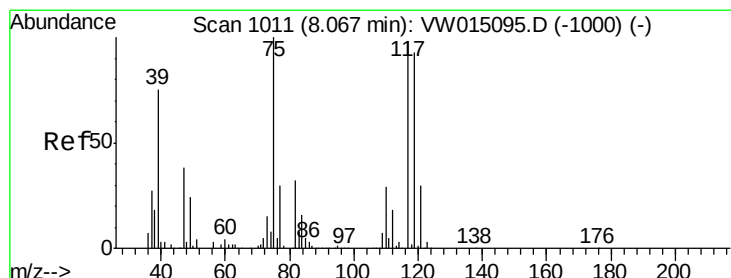
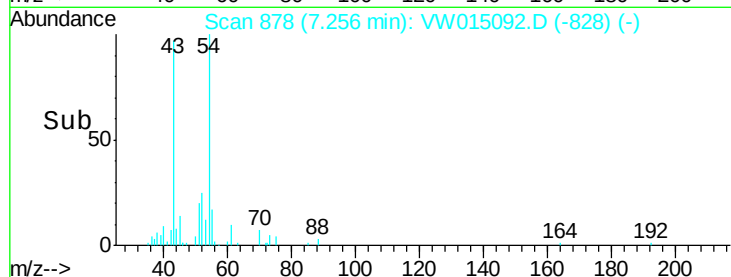
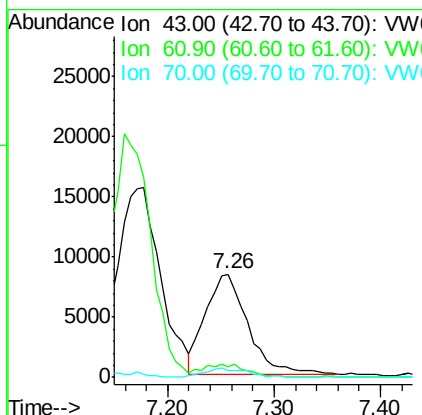
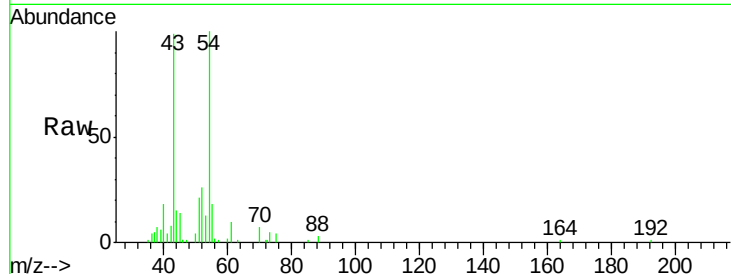
#37
Ethyl Acetate
Concen: 4.827 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.6	14.4
70	7.5	6.5	9.7

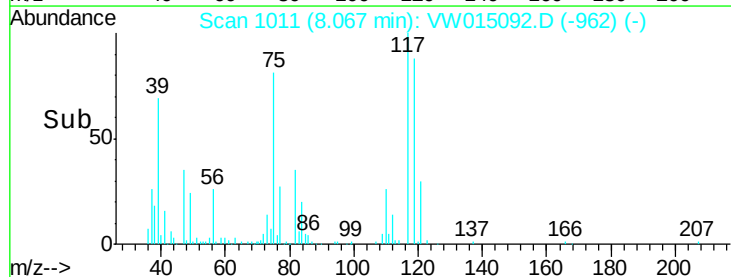
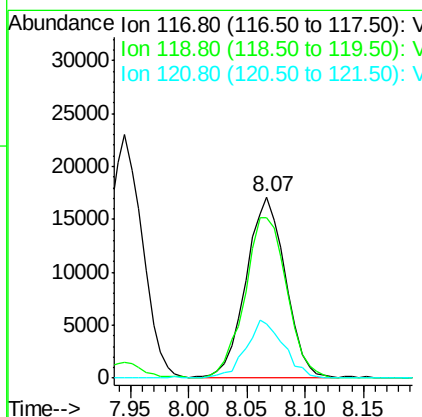
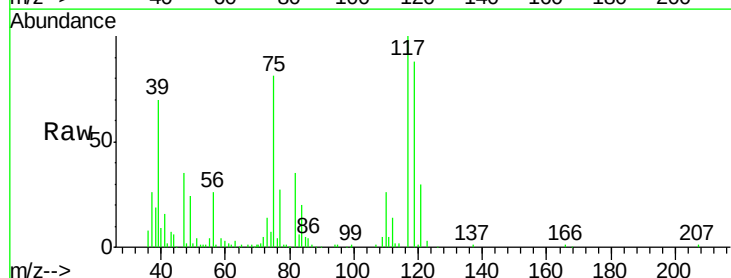
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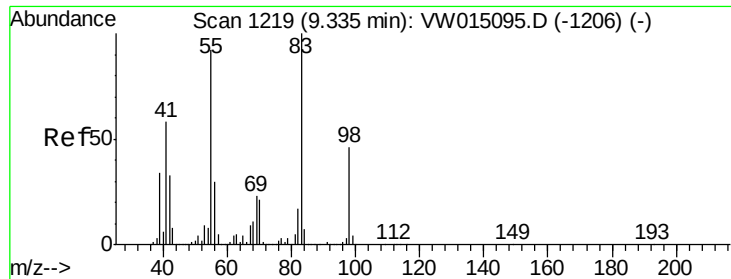
MMDadoda
3/11/2020 3:23:53 PM



#38
Carbon Tetrachloride
Concen: 5.236 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	75.8	113.8
121	30.1	24.5	36.7





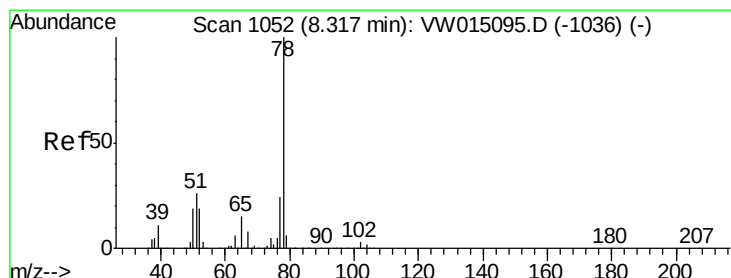
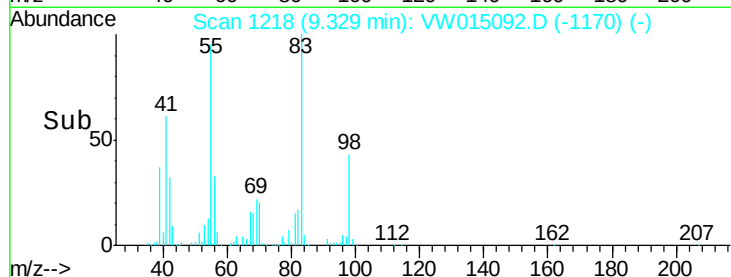
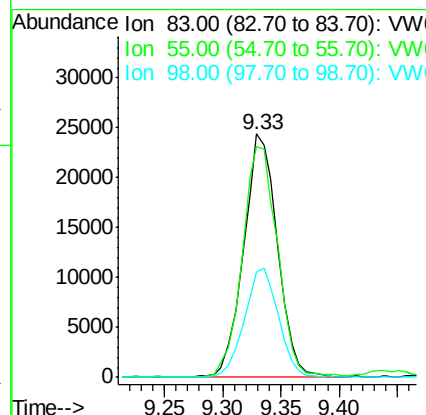
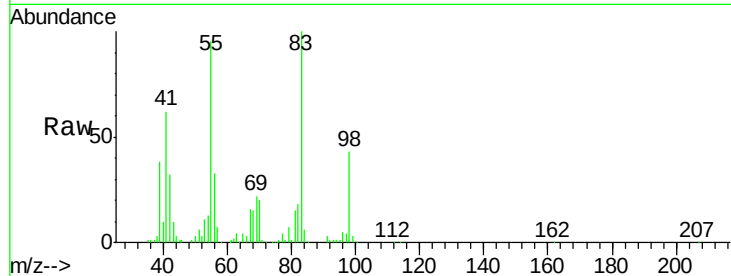
#39
Methylvlcyclohexane
Concen: 4.555 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.6	73.5	110.3
98	43.1	37.2	55.8

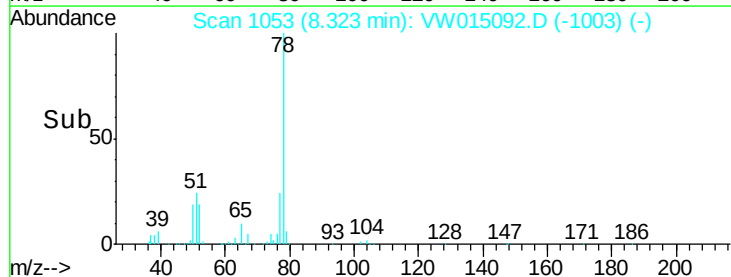
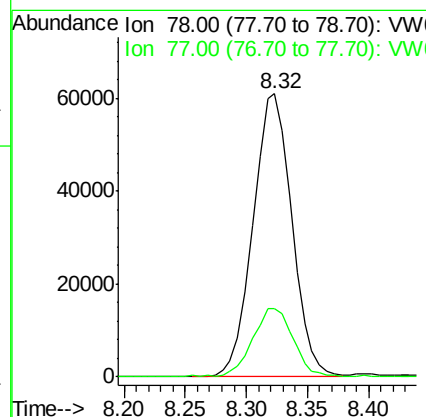
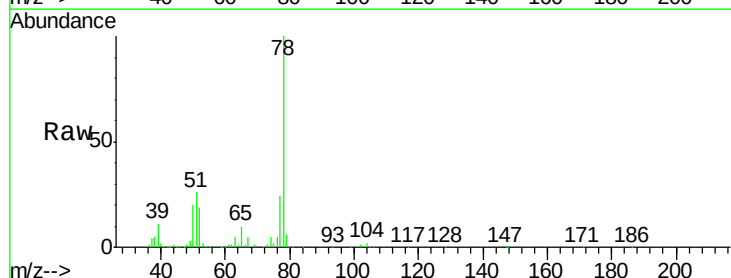
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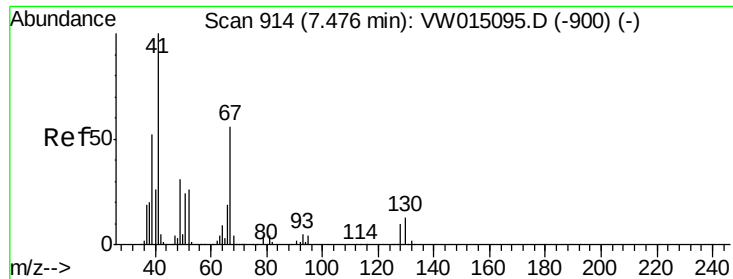
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#40
Benzene
Concen: 5.096 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3





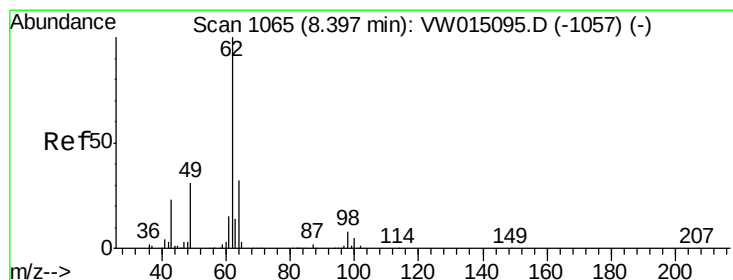
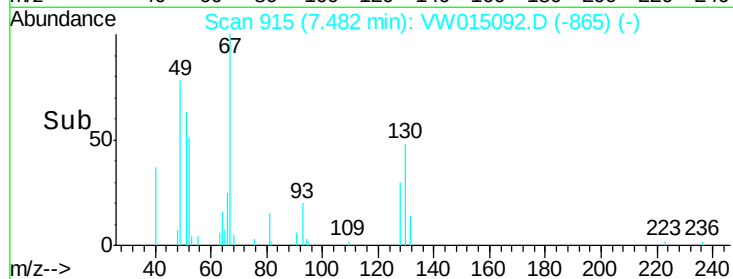
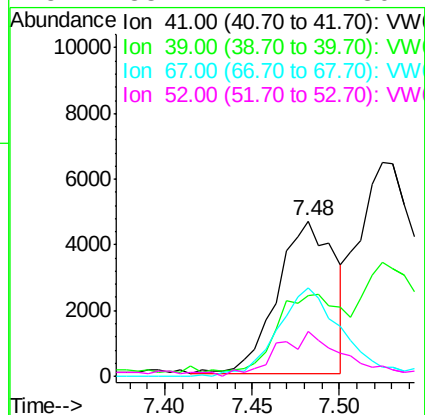
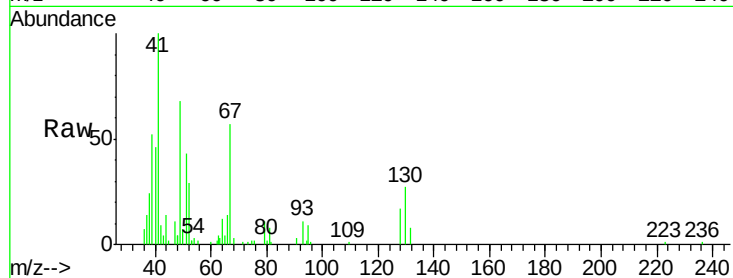
#41
Methacrylonitrile
Concen: 4.219 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		10569		
39	59.0	49.0	73.4		
67	66.8	50.4	75.6		
52	33.7	24.2	36.4		

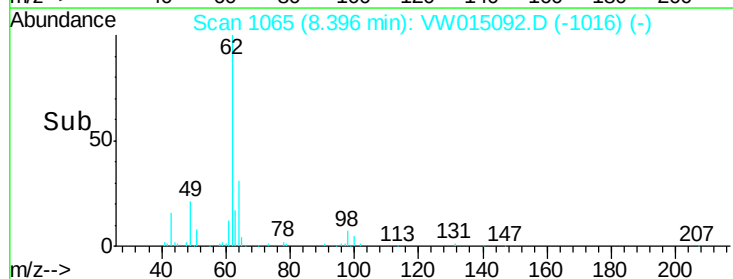
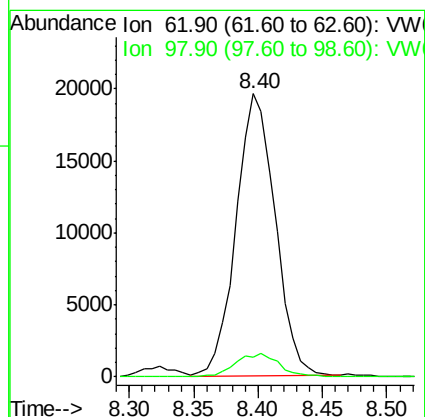
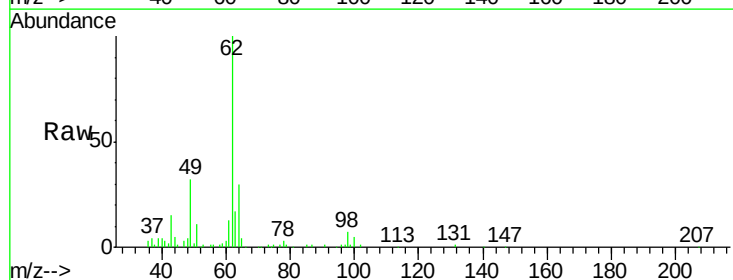
Manual Integrations
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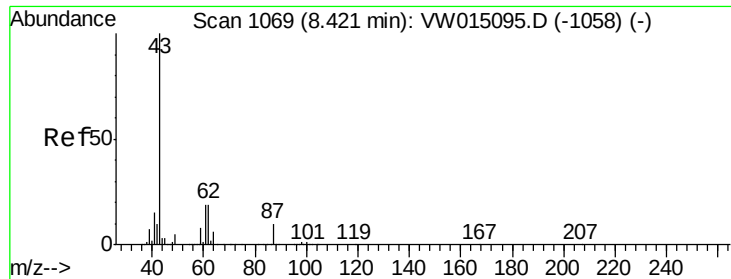
MMDadoda
3/11/2020 3:23:53 PM



#42
1,2-Dichloroethane
Concen: 5.137 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		41334		
98	9.2	0.0	16.0		





#43

Isopropyl Acetate

Concen: 4.344 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

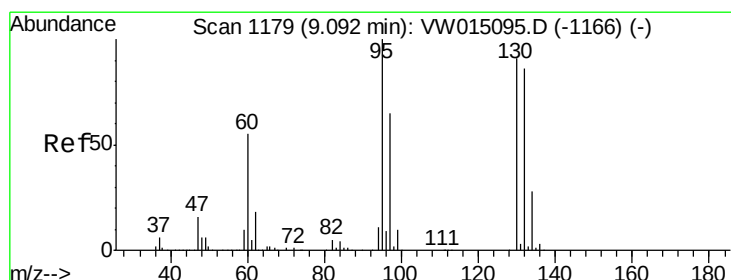
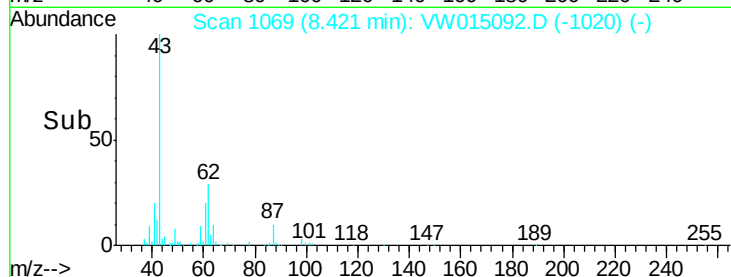
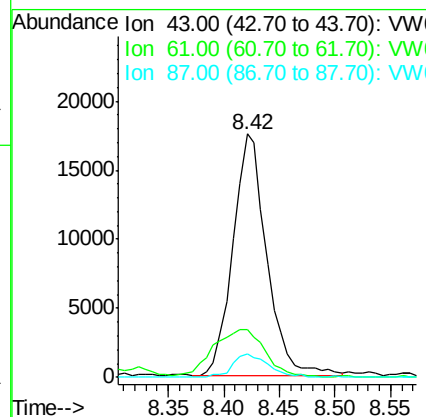
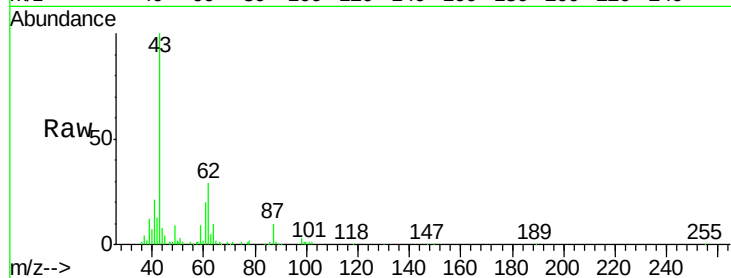
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	36882
Ion	Ratio	Lower	Upper
43	100		
61	30.7	21.8	32.8
87	10.3	8.0	12.0

Manual Integrations
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3/11/2020 3:23:53 PM



#44

Trichloroethene

Concen: 5.165 ug/l

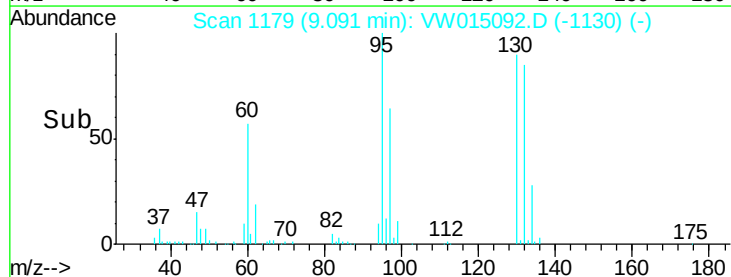
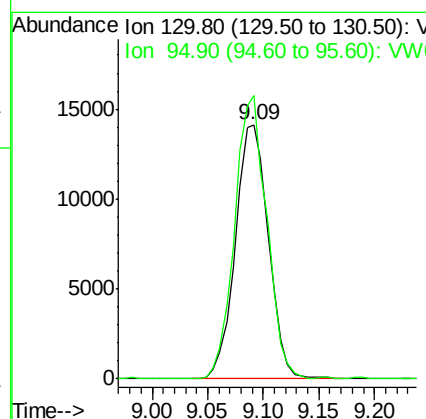
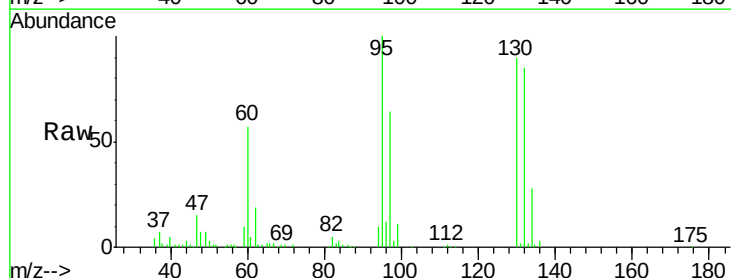
RT: 9.09 min Scan# 1179

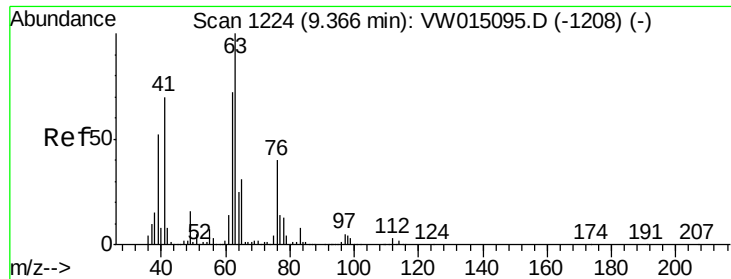
Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	130	Resp:	29038
Ion	Ratio	Lower	Upper
130	100		
95	111.2	0.0	219.8





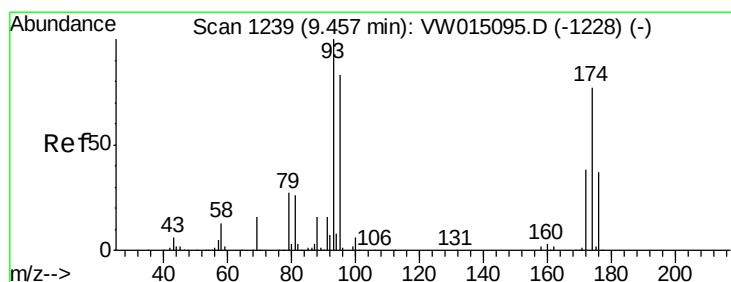
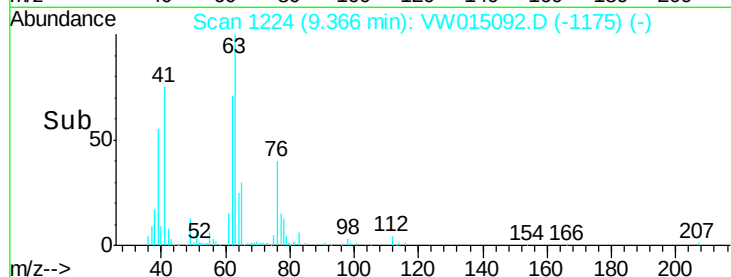
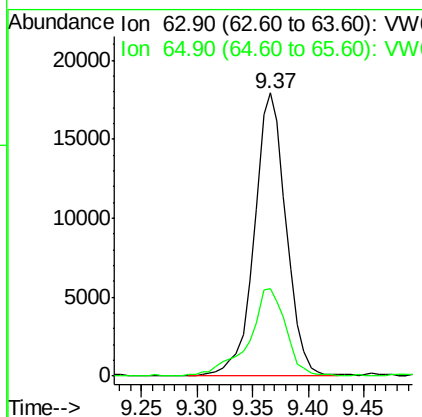
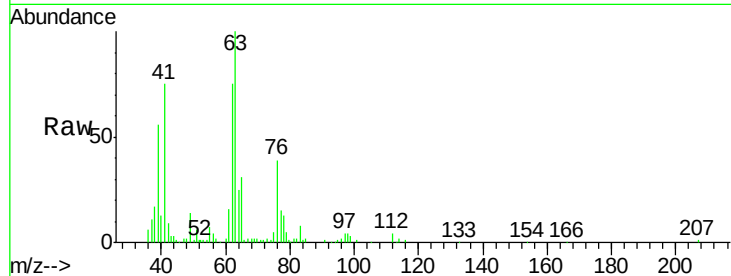
#45
 1,2-Dichloropropane
 Concen: 5.021 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	36.8

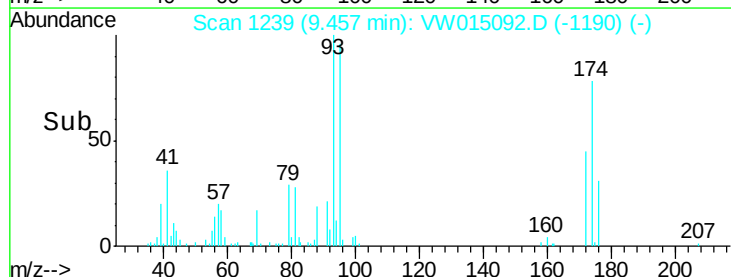
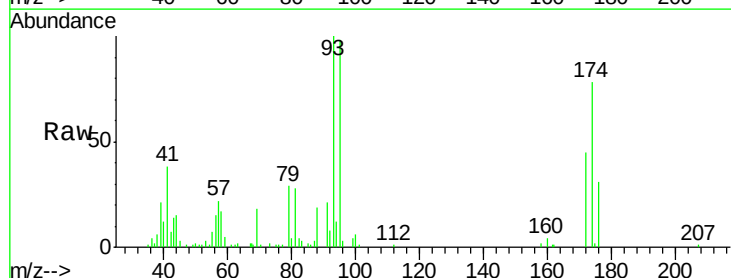
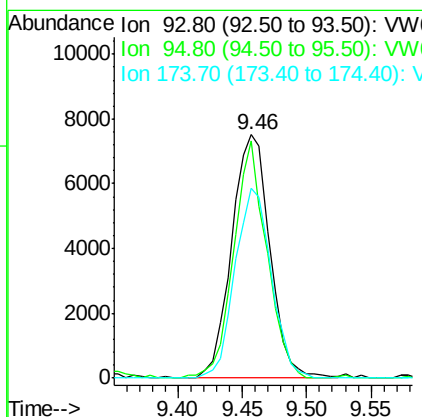
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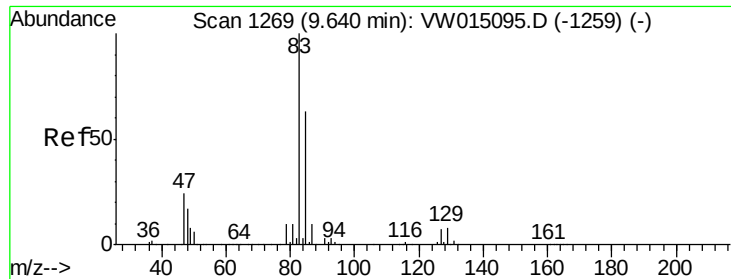
MMDadoda
 3/11/2020 3:23:53 PM



#46
 Dibromomethane
 Concen: 4.993 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.6	100.0
174	73.9	60.6	91.0





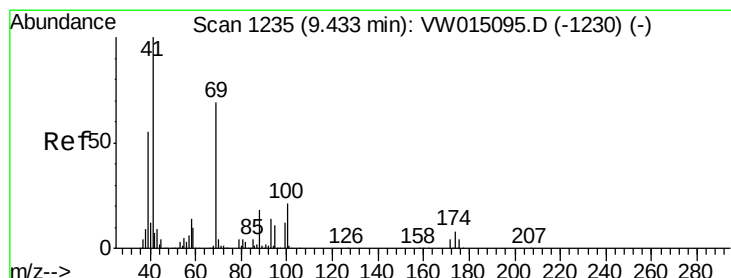
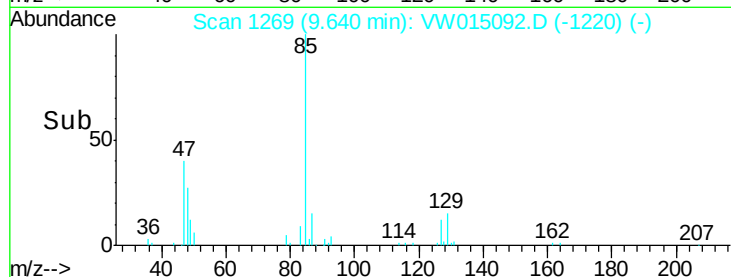
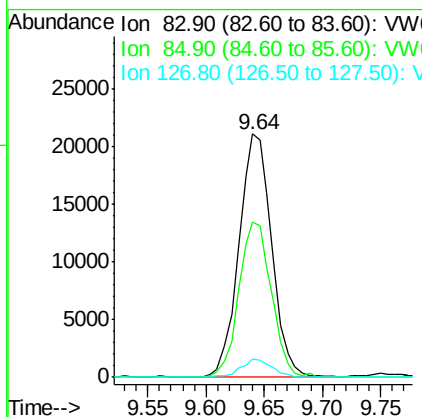
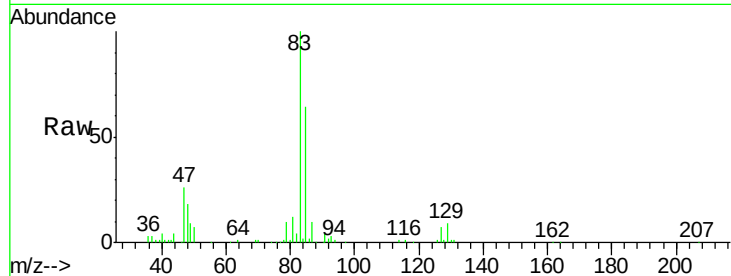
#47
Bromodichloromethane
Concen: 5.019 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1
127	7.5	5.5	8.3

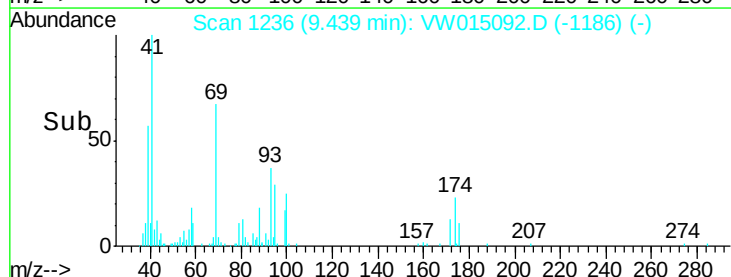
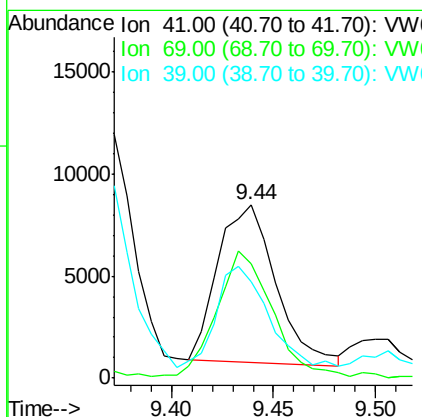
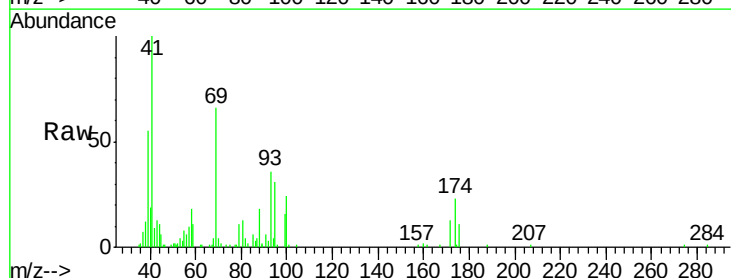
Manual Integrations
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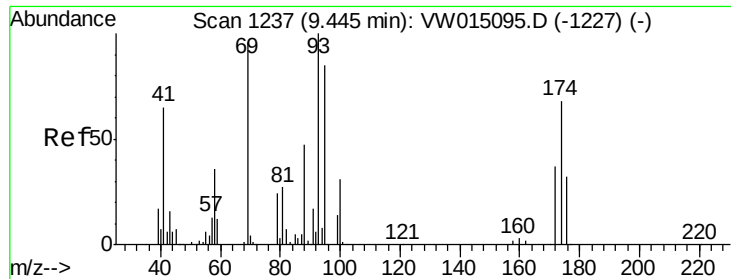
MMDadoda
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#48
Methyl methacrylate
Concen: 3.886 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.2	58.7	88.1
39	60.8	45.1	67.7





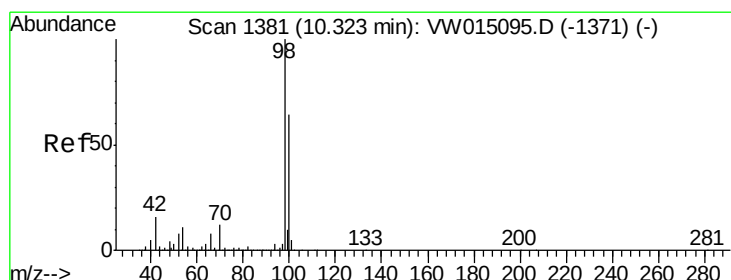
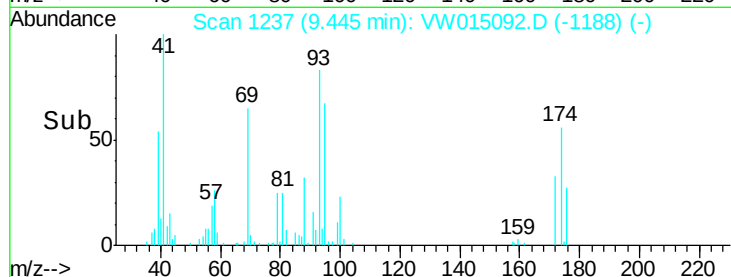
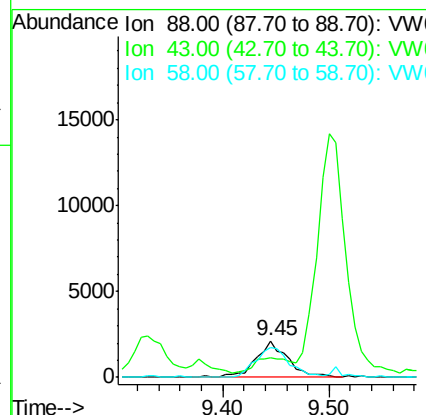
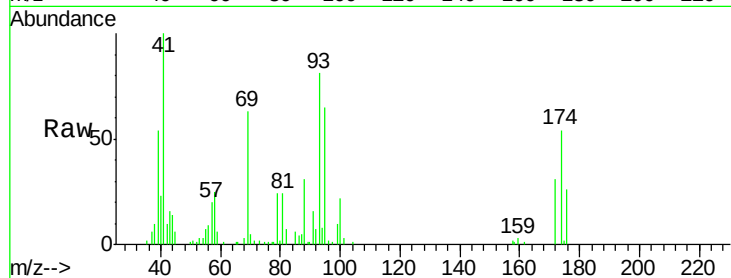
#49
1,4-Dioxane
Concen: 92.696 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	4389
Ion	Ratio	Lower	Upper
88	100		
43	54.3	35.8	53.8#
58	89.3	64.0	96.0

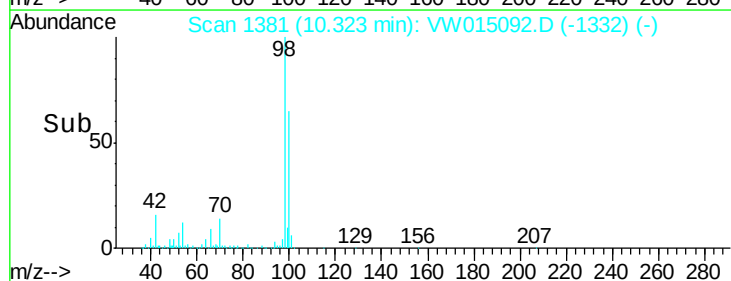
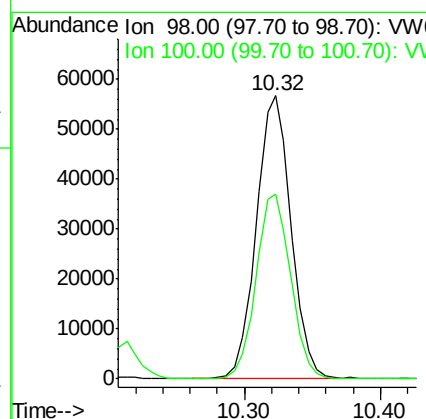
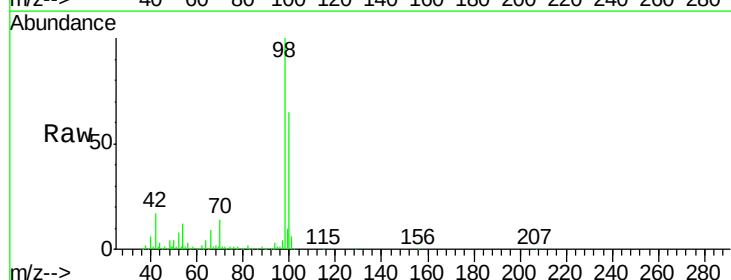
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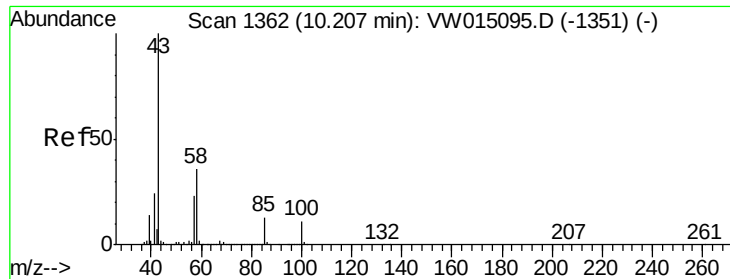
MMDadoda
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#50
Toluene-d8
Concen: 4.935 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	98	Resp	101389
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





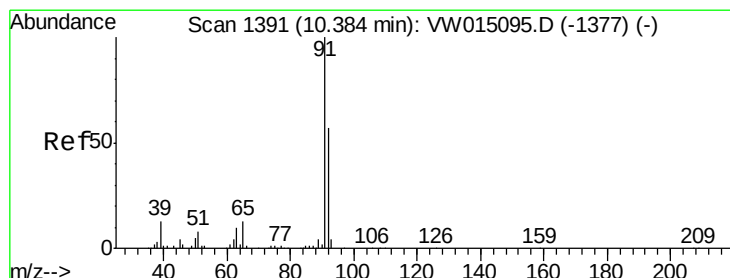
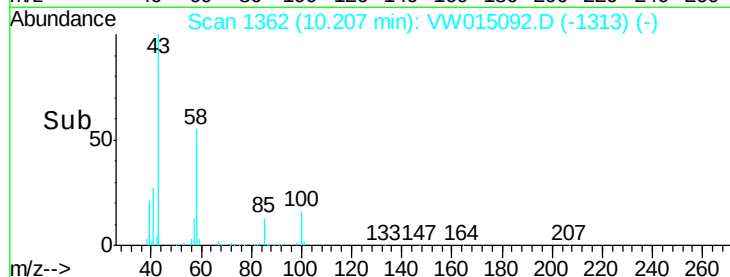
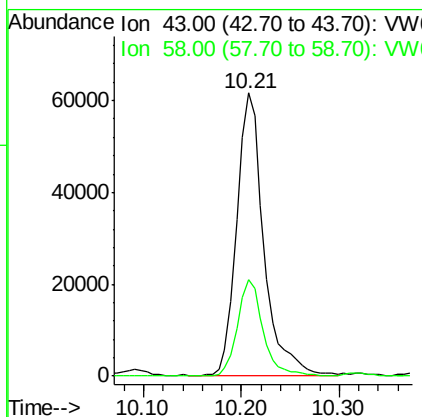
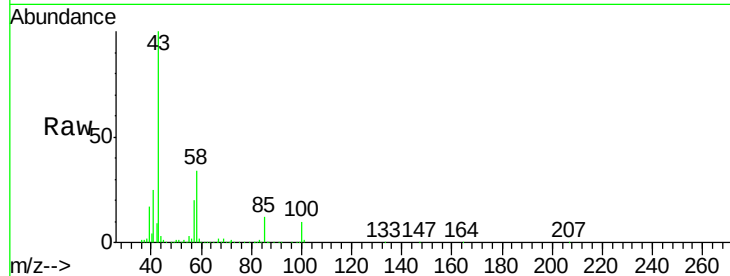
#51
 4-Methyl-2-Pentanone
 Concen: 25.244 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.3	28.0	42.0

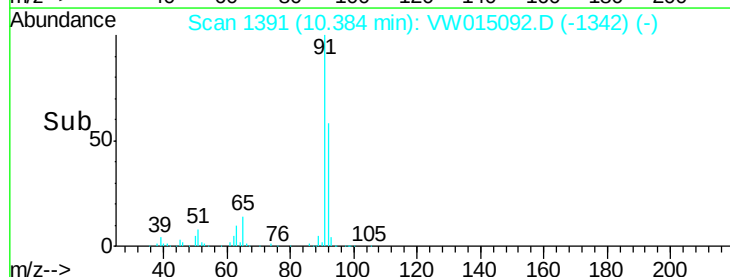
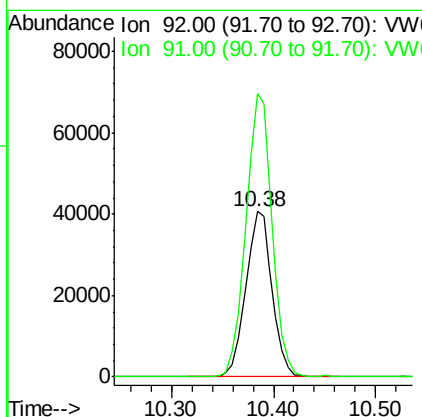
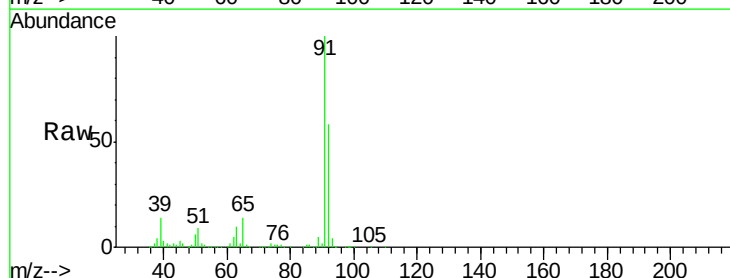
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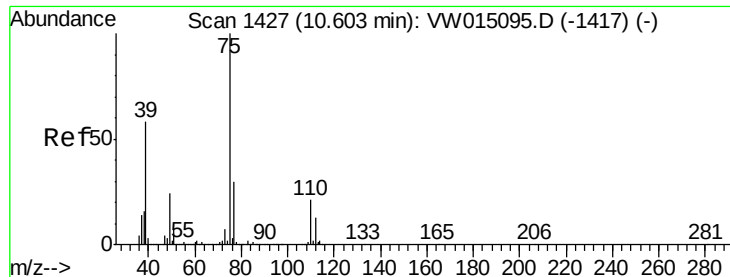
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#52
 Toluene
 Concen: 4.782 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	138.9	208.3





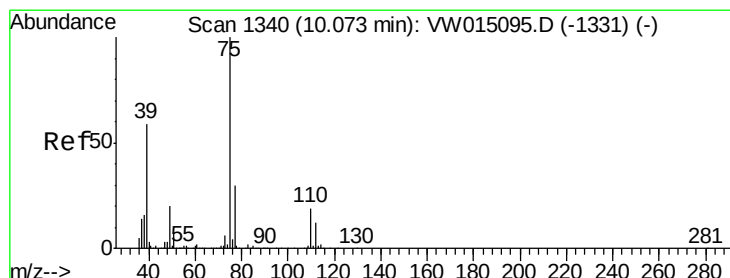
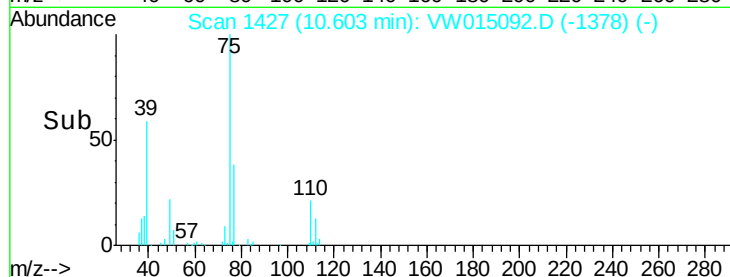
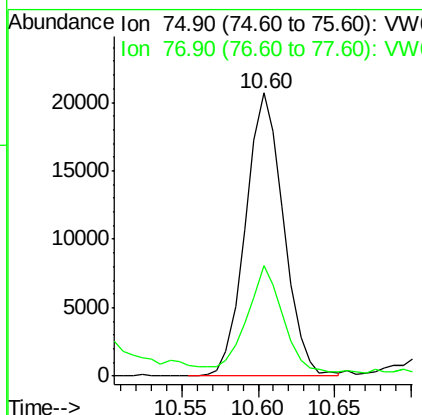
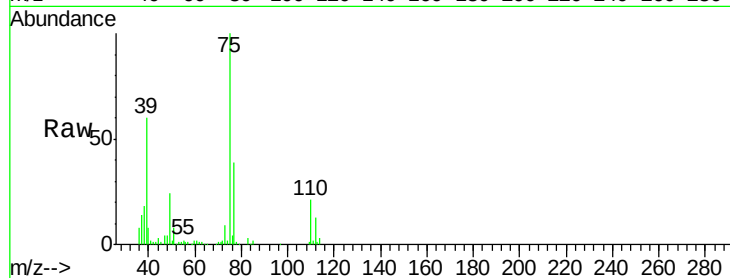
#53
t-1,3-Dichloropropene
Concen: 4.402 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	37.3	24.4	36.6#

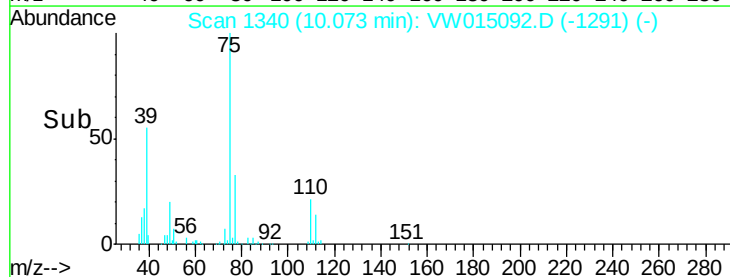
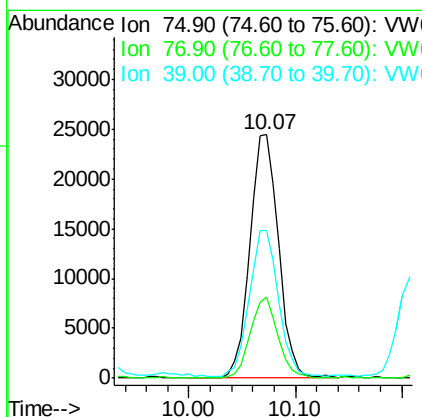
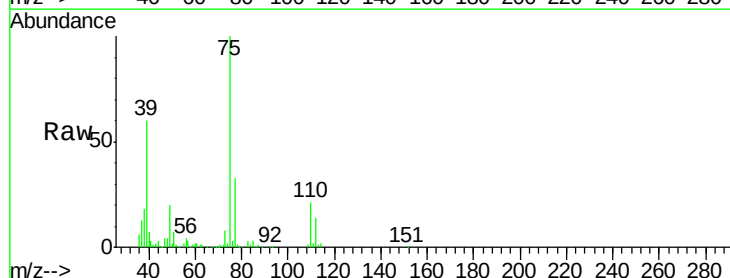
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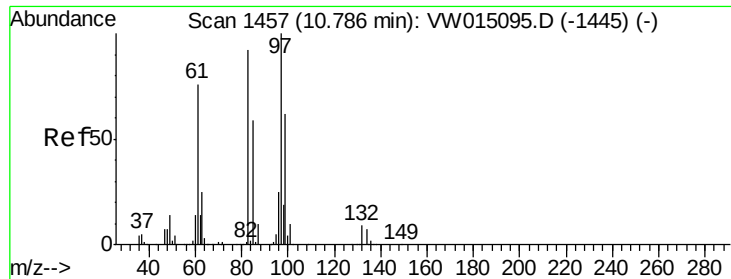
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#54
cis-1,3-Dichloropropene
Concen: 4.677 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.3	36.5
39	59.2	47.0	70.6





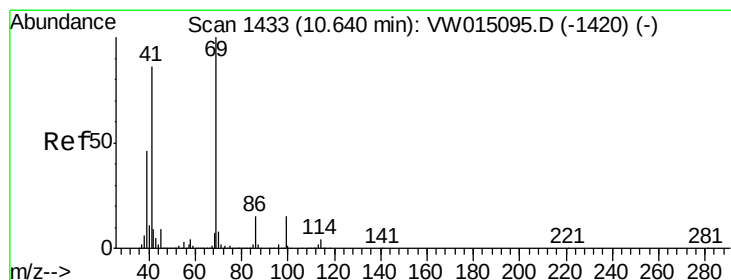
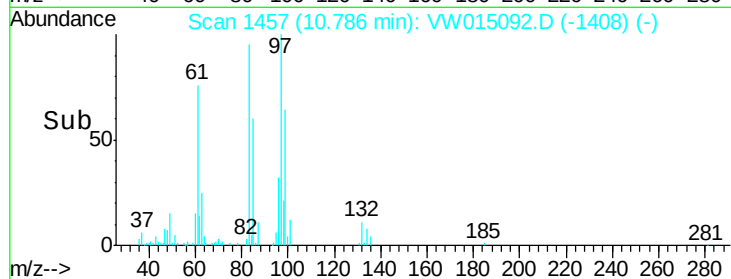
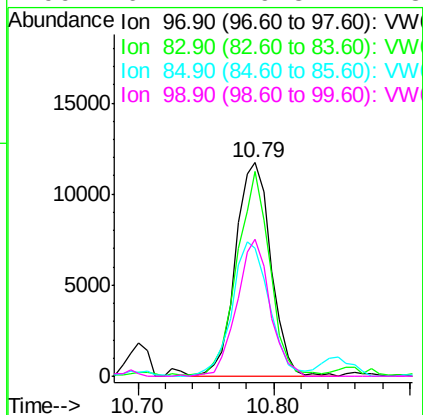
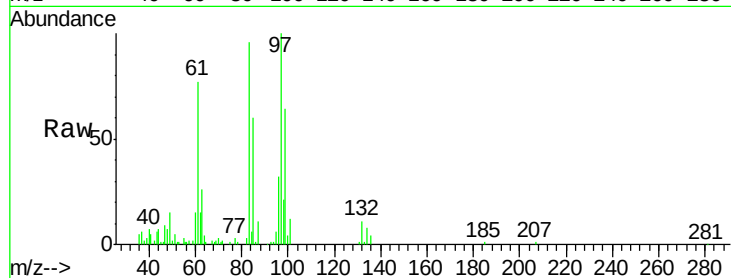
#55
 1,1,2-Trichloroethane
 Concen: 5.020 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	21273
Ion	Ratio	Lower	Upper
97	100		
83	95.5	74.0	111.0
85	60.1	46.9	70.3
99	64.1	49.8	74.8

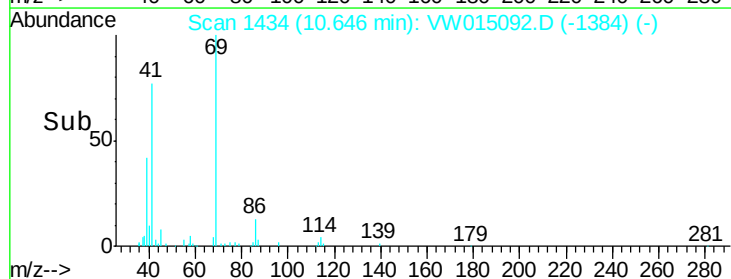
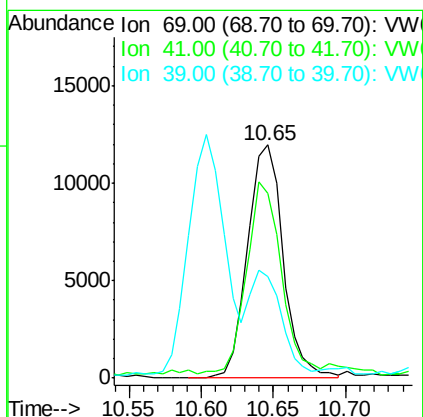
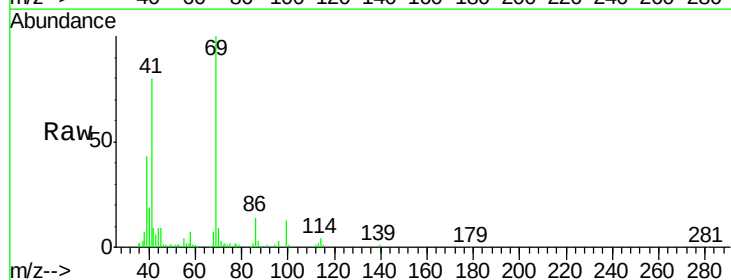
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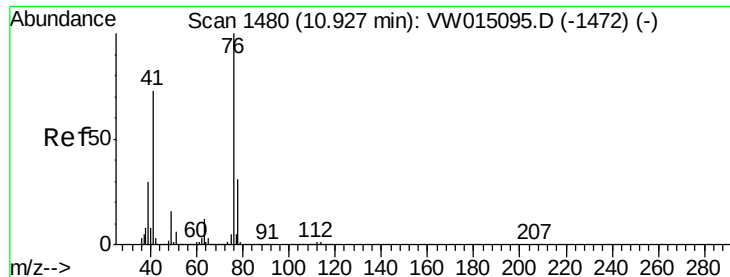
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#56
 Ethyl methacrylate
 Concen: 3.748 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion:	69	Resp:	20494
Ion	Ratio	Lower	Upper
69	100		
41	79.8	65.8	98.6
39	36.5	31.2	46.8





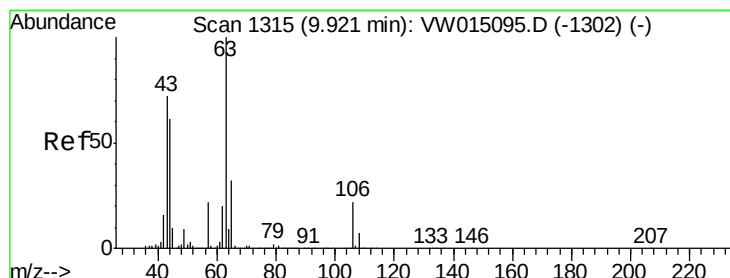
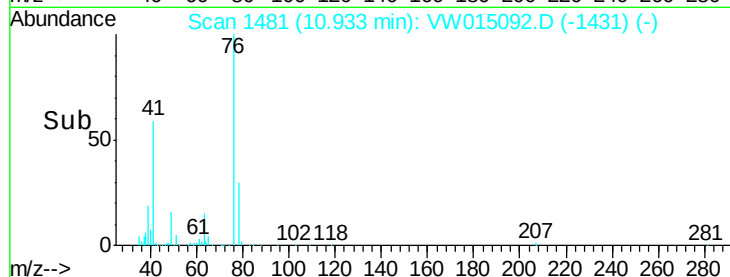
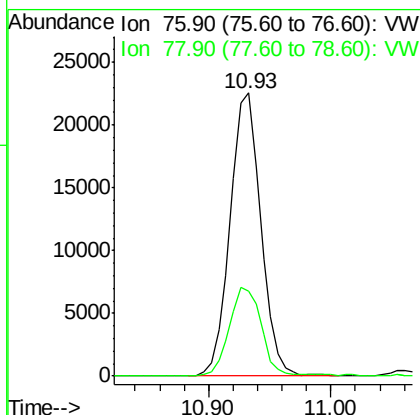
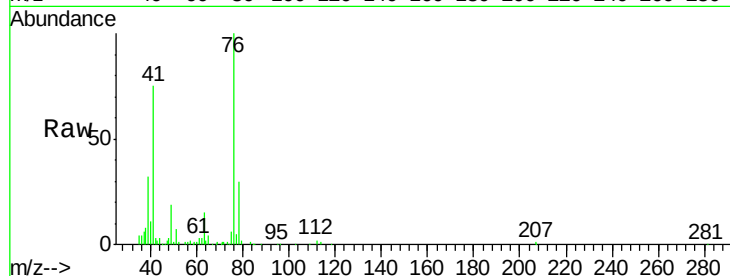
#57
 1,3-Dichloropropane
 Concen: 4.853 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC005

Tot Ion: 76 Resp: 39154
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.3 37.9

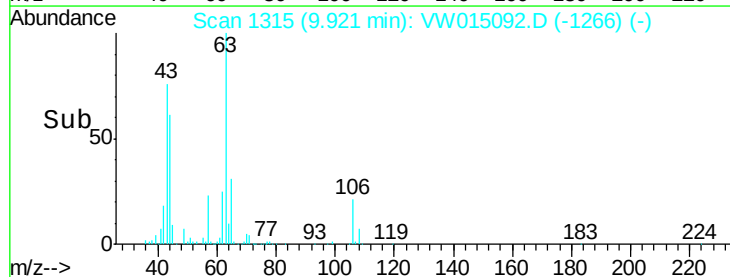
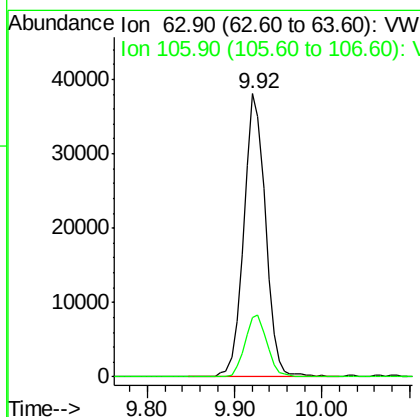
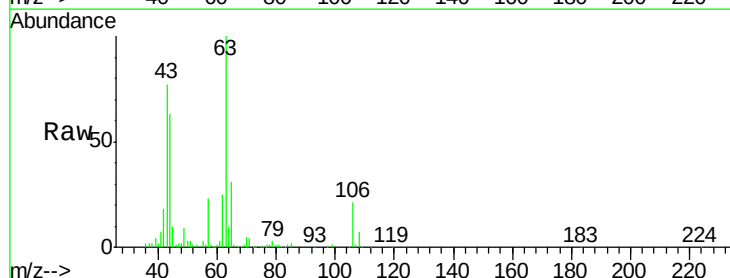
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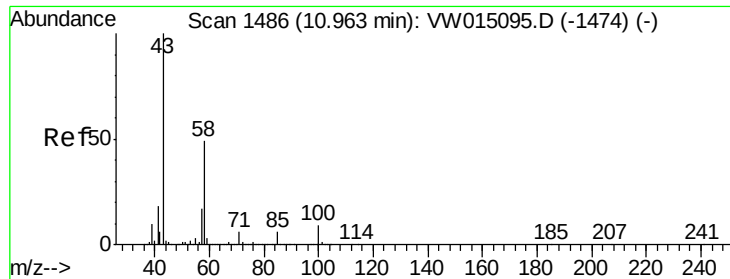
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 20.443 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion: 63 Resp: 65584
 Ion Ratio Lower Upper
 63 100
 106 22.1 18.0 27.0





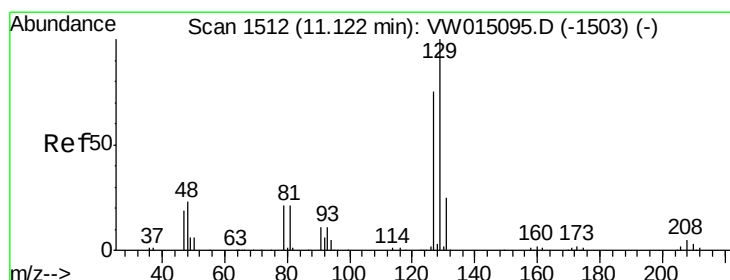
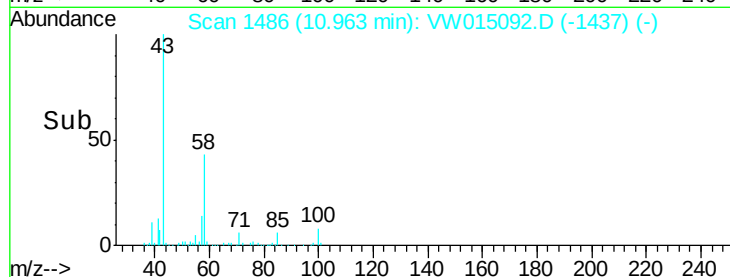
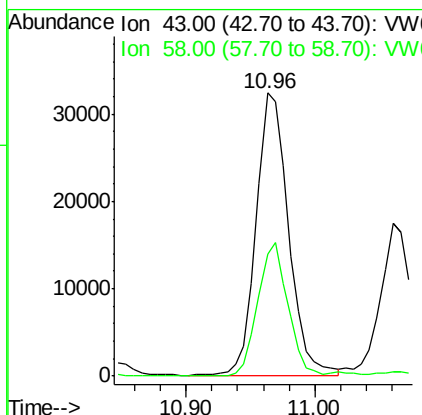
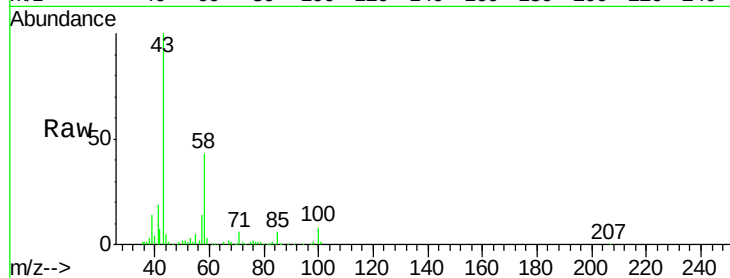
#59
2-Hexanone
Concen: 19.132 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 56046
Ion Ratio Lower Upper
43 100
58 44.4 24.6 73.8

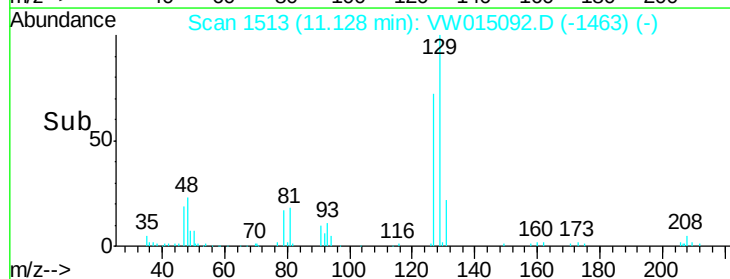
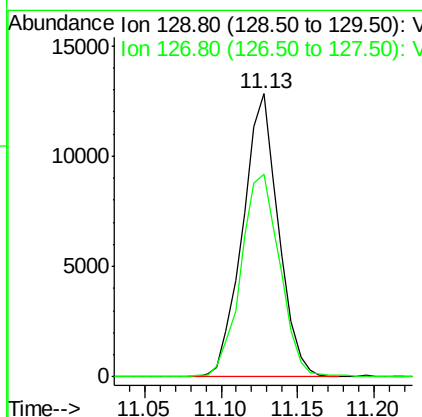
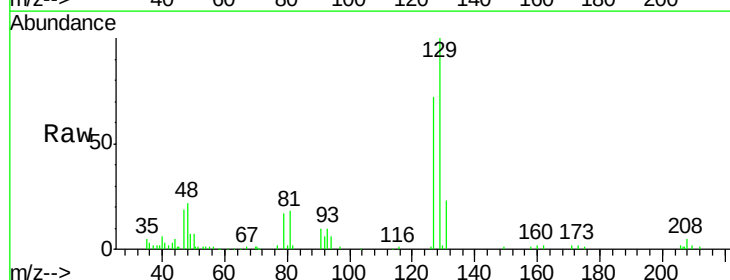
Manual Integrations
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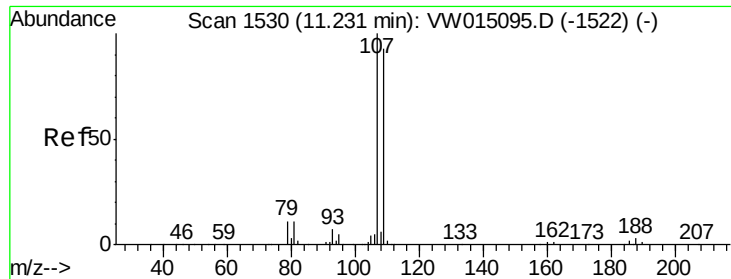
MMDadoda
3/11/2020 3:23:53 PM



#60
Dibromochloromethane
Concen: 4.752 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion: 129 Resp: 20796
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





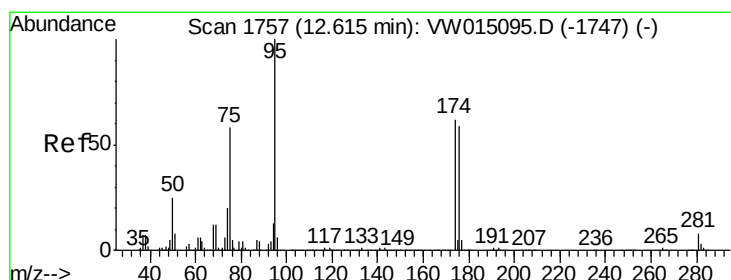
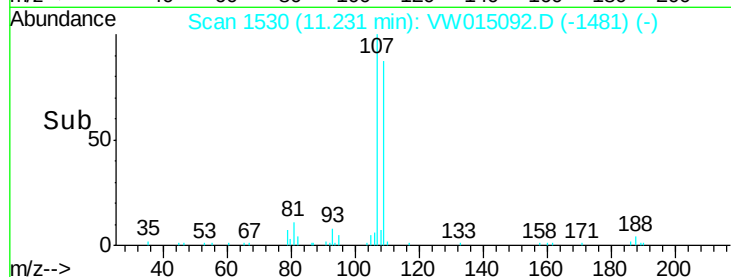
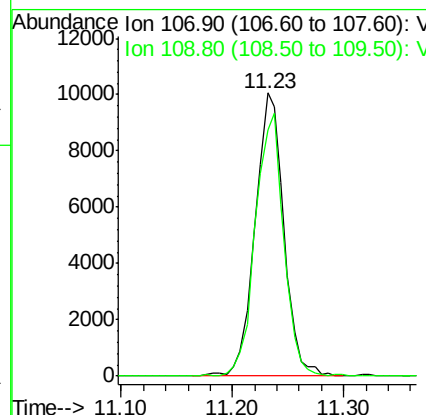
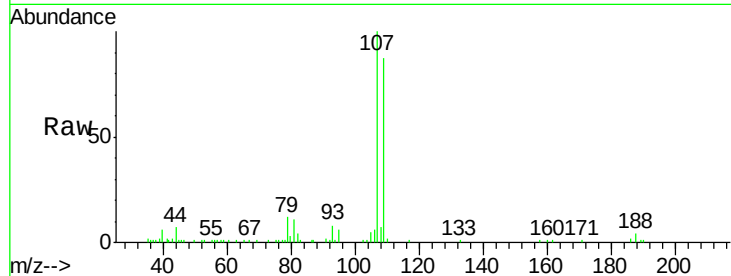
#61
 1,2-Dibromoethane
 Concen: 4.806 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.2	75.3	112.9

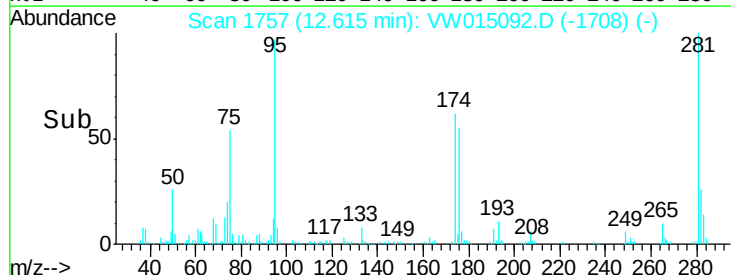
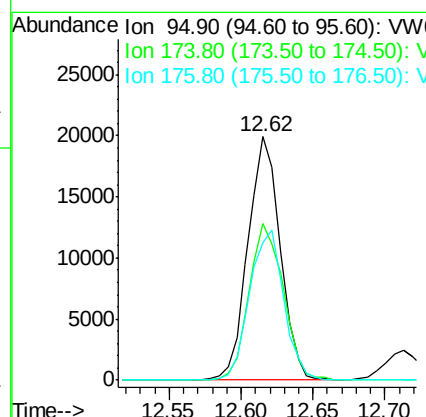
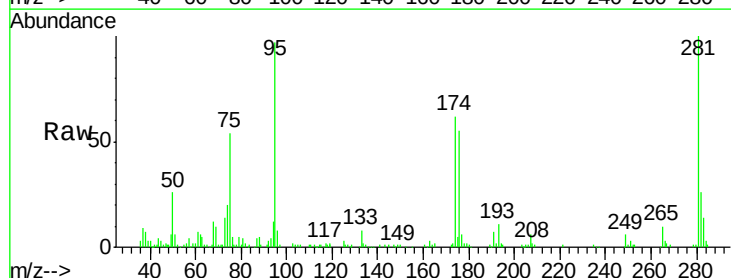
Manual Integrations
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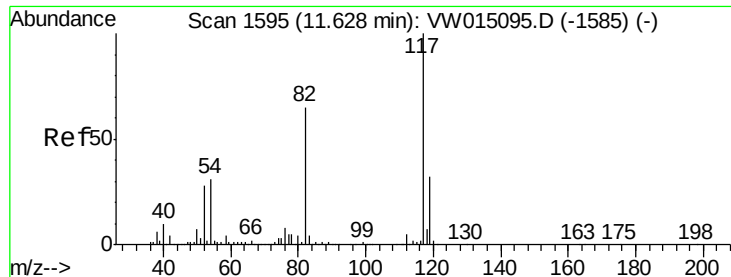
MMDadoda
 3/11/2020 3:23:53 PM



#62
 4-Bromofluorobenzene
 Concen: 4.543 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	126.8
176	64.7	0.0	121.6





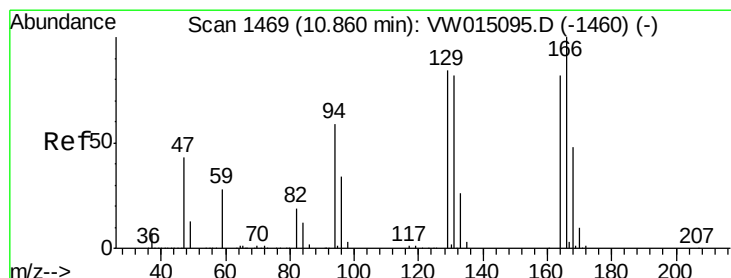
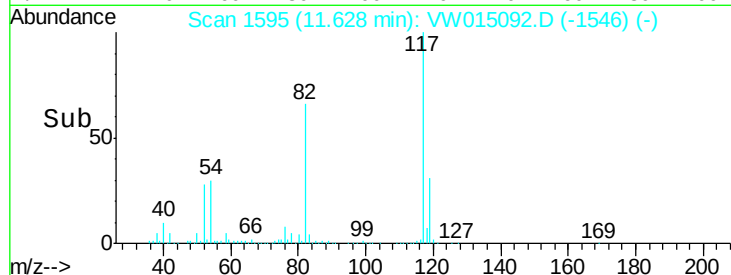
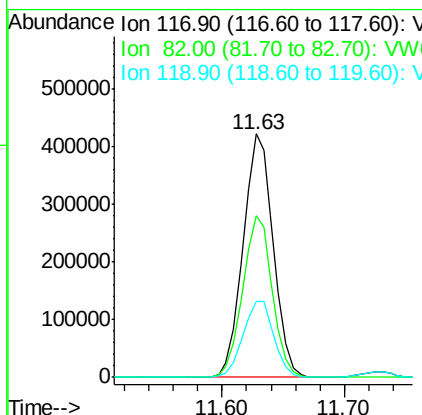
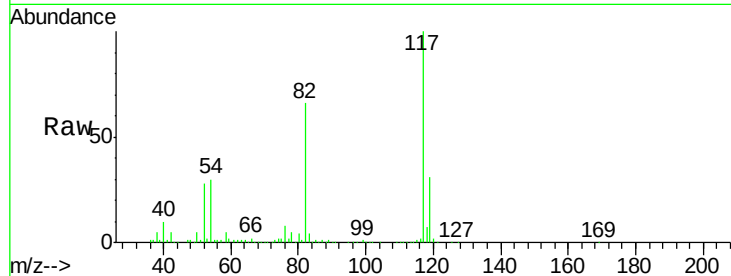
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.4	52.2	78.2
119	31.0	25.4	38.0

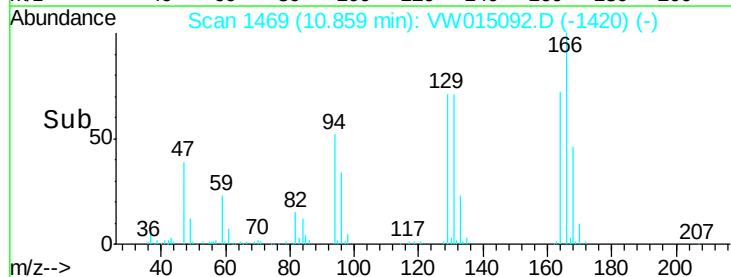
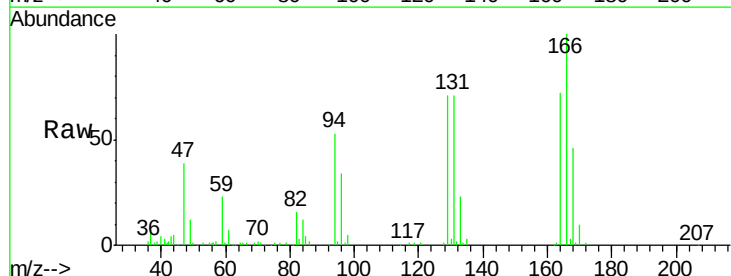
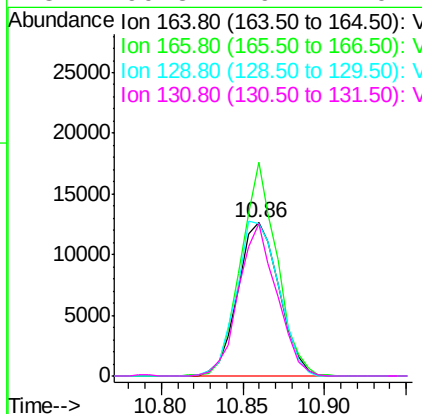
Manual Integrations
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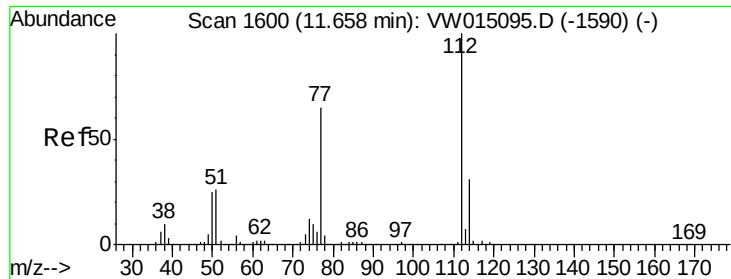
MMDadoda
3/11/2020 3:23:53 PM



#64
Tetrachloroethene
Concen: 5.378 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.2	97.0	145.6
129	99.2	81.2	121.8
131	99.3	79.4	119.2





#65

Chlorobenzene

Concen: 5.169 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 74568

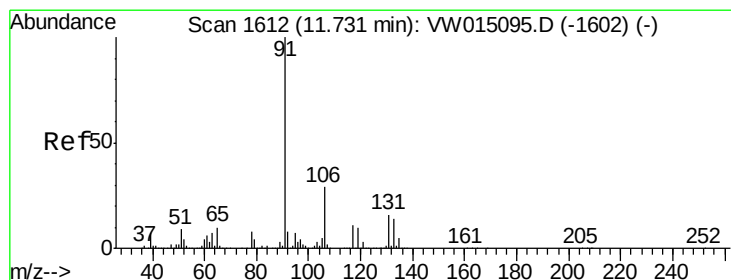
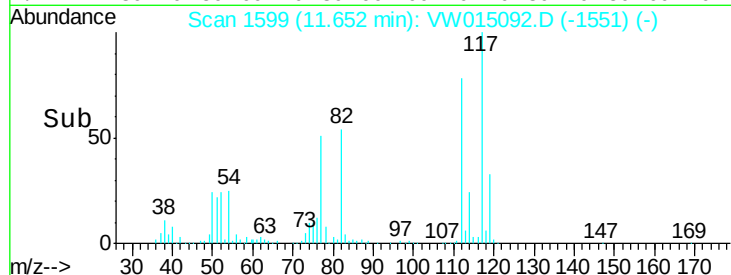
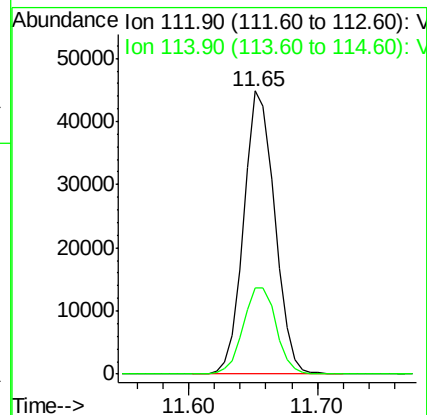
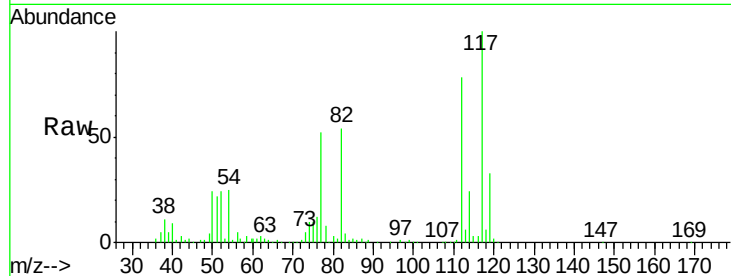
Ion Ratio Lower Upper

112 100

114 30.3 25.0 37.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 5.045 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

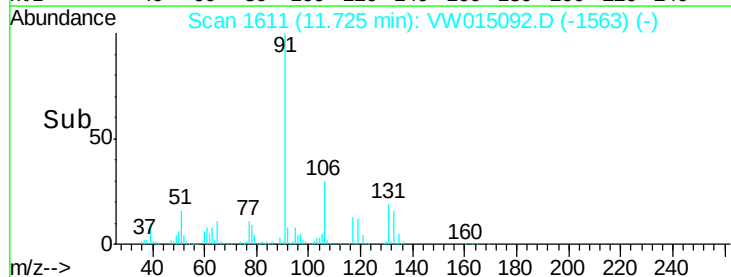
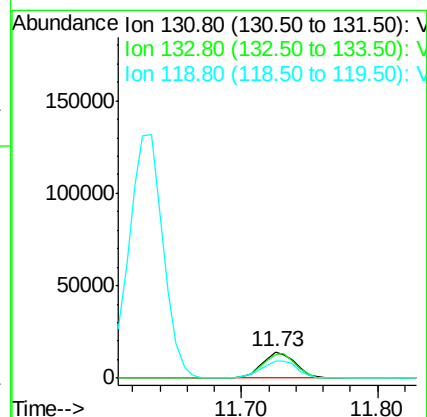
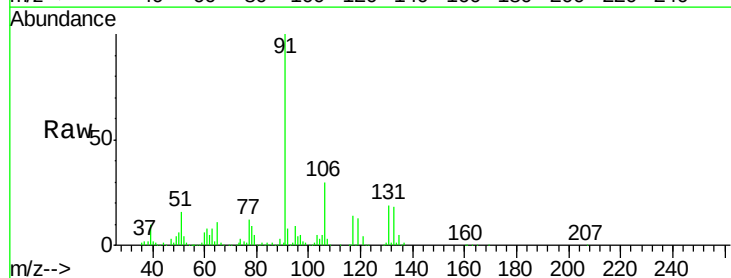
Tgt Ion:131 Resp: 24234

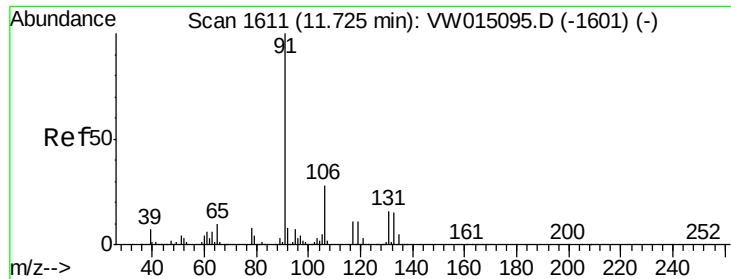
Ion Ratio Lower Upper

131 100

133 95.4 47.3 141.8

119 72.1 34.0 101.8





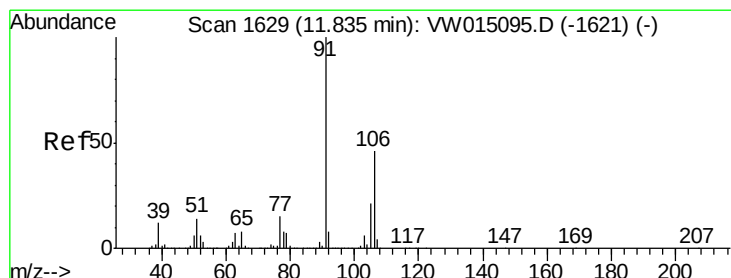
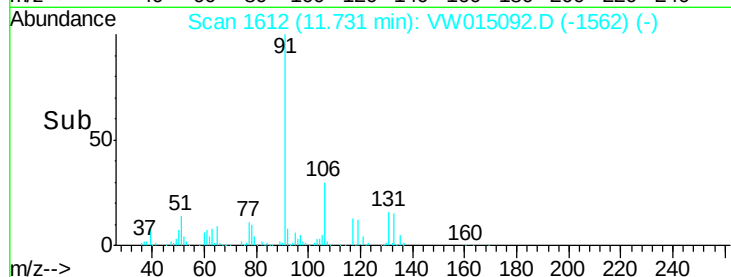
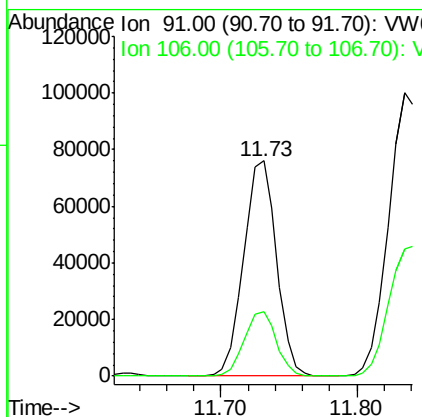
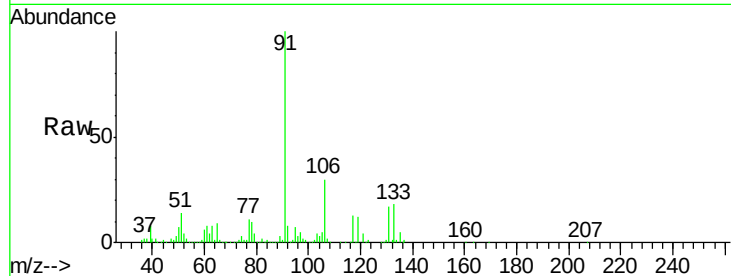
#67
Ethyl Benzene
Concen: 4.585 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion: 91 Resp: 128703
Ion Ratio Lower Upper
91 100
106 29.7 22.8 34.2

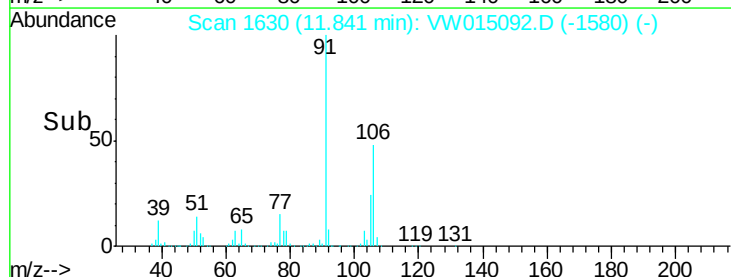
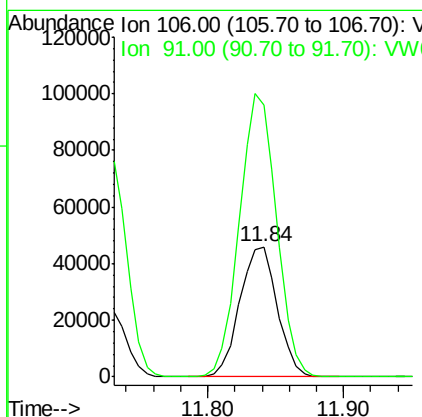
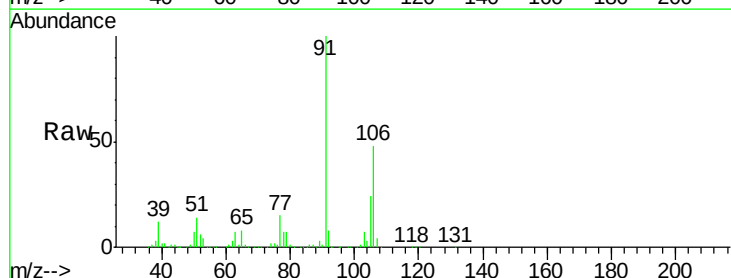
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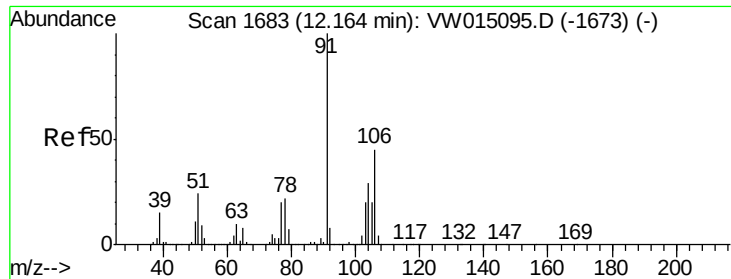
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#68
m/p-Xylenes
Concen: 8.903 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion: 106 Resp: 88351
Ion Ratio Lower Upper
106 100
91 215.0 172.3 258.5





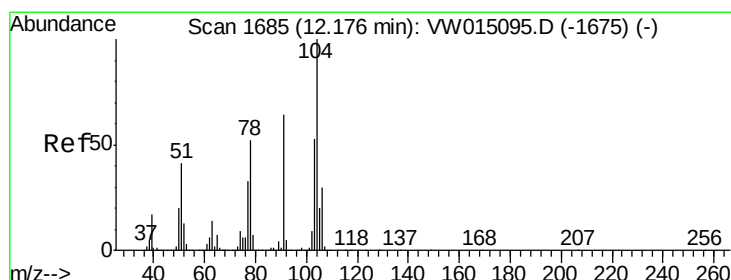
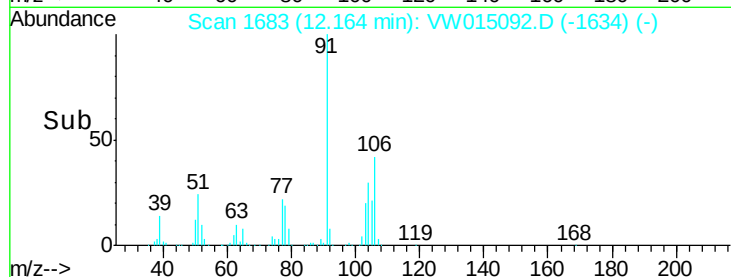
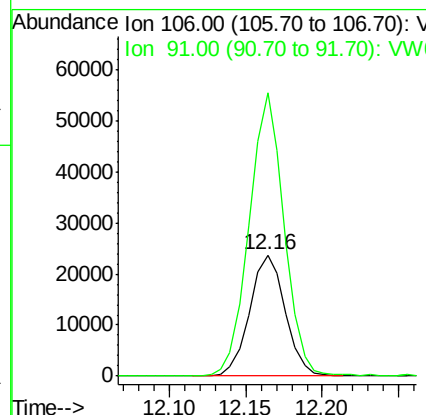
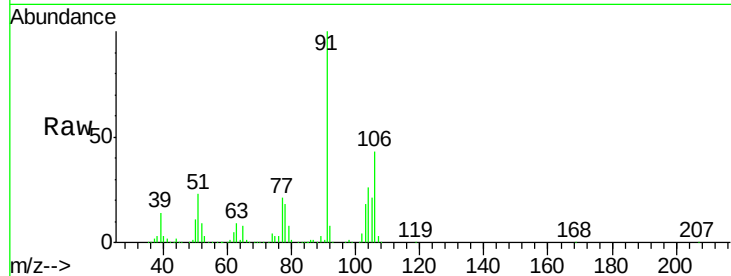
#69
o-Xylene
Concen: 4.300 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tot Ion:106 Resp: 38438
Ion Ratio Lower Upper
106 100
91 227.3 112.6 337.8

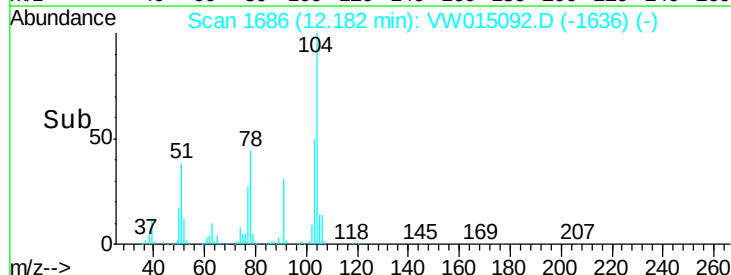
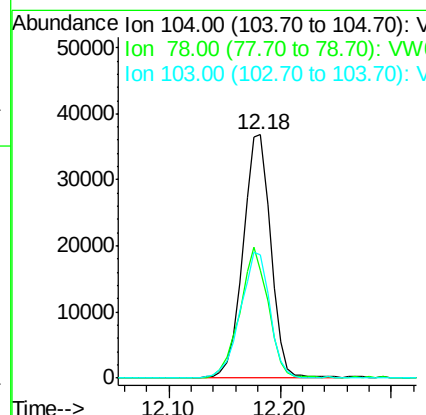
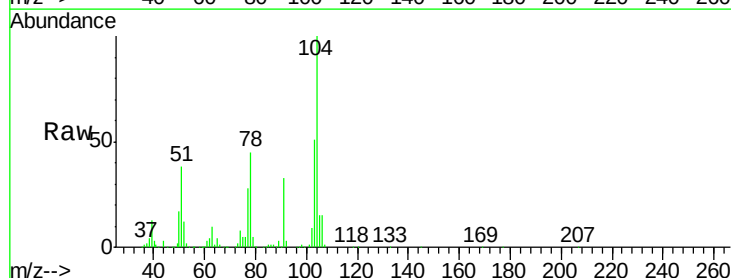
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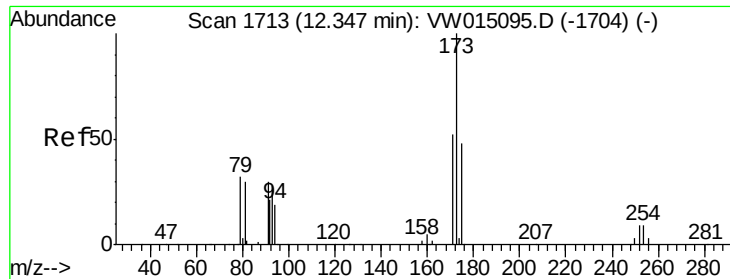
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#70
Styrene
Concen: 4.146 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion:104 Resp: 63505
Ion Ratio Lower Upper
104 100
78 55.5 44.7 67.1
103 55.3 44.7 67.1





#71

Bromoform

Concen: 4.587 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 9779

Ion Ratio Lower Upper

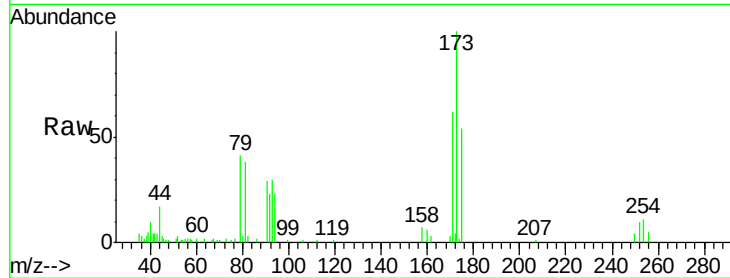
173 100

175 50.6 23.8 71.4

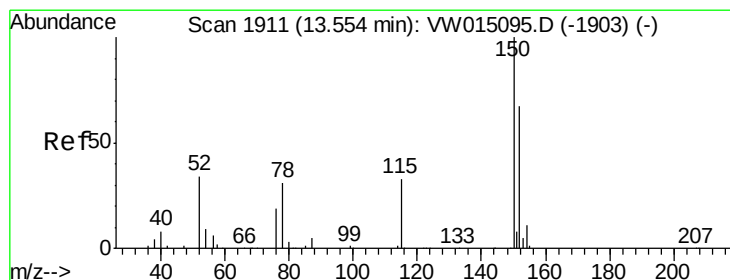
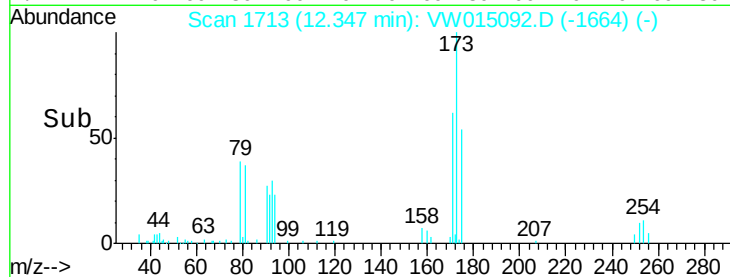
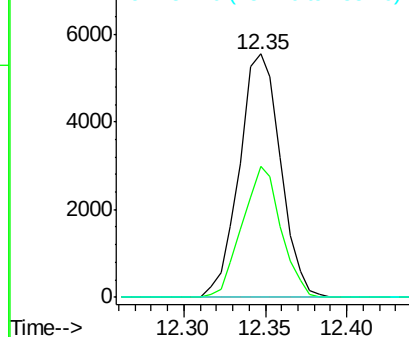
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

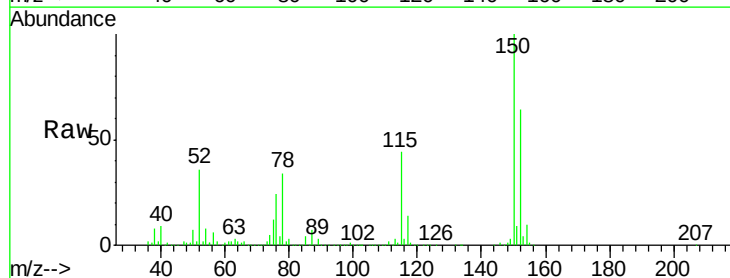
Tgt Ion:152 Resp: 317610

Ion Ratio Lower Upper

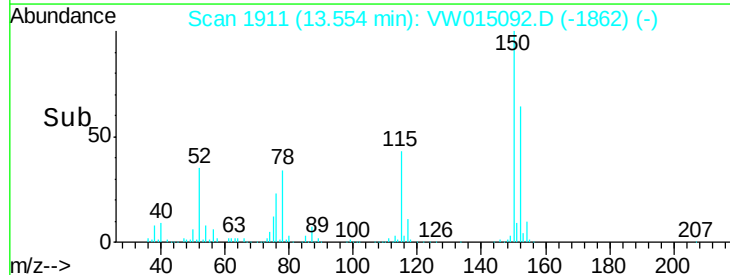
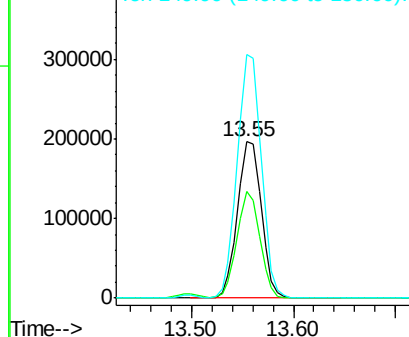
152 100

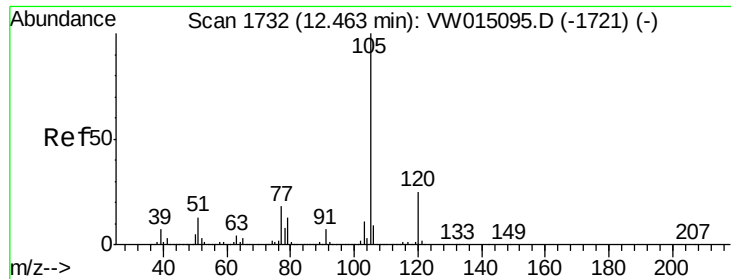
115 65.2 33.3 99.9

150 157.0 0.0 351.2



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: 4.446 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 107858

Ion Ratio Lower Upper

105 100

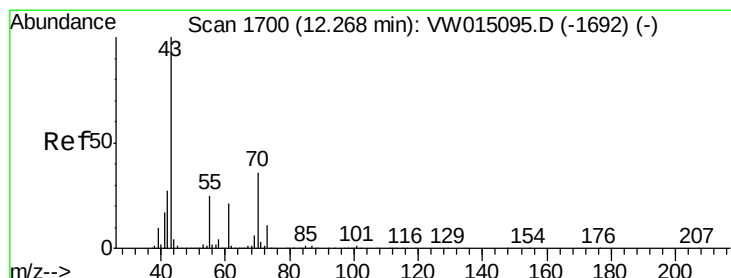
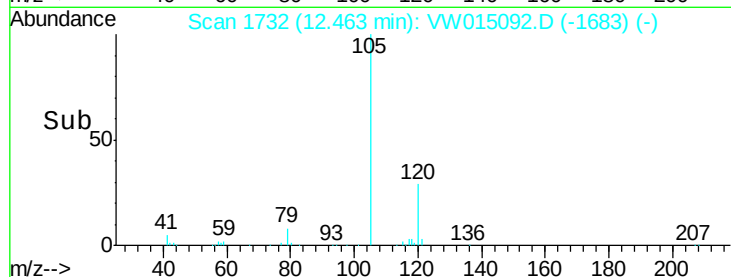
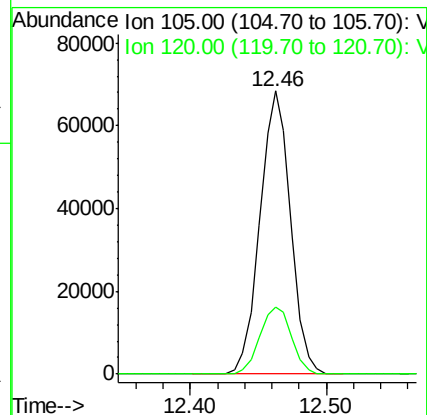
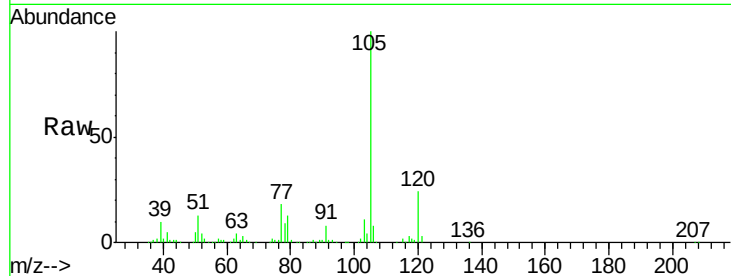
120 24.5 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 3.917 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion: 43 Resp: 28083

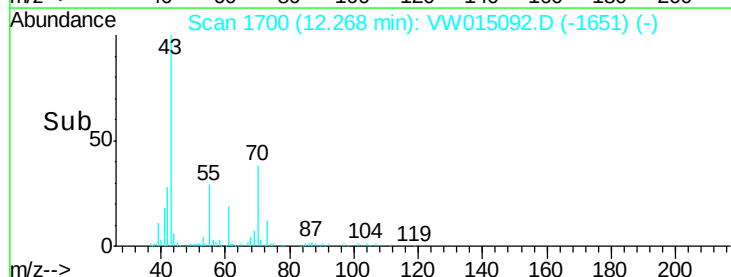
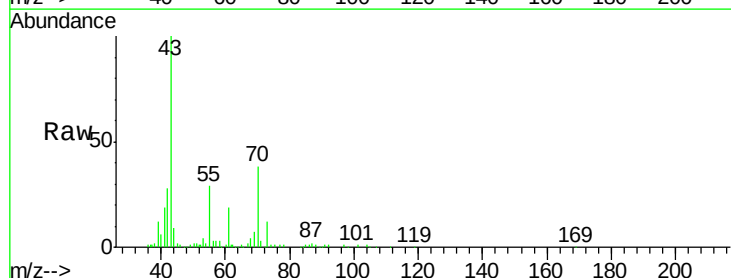
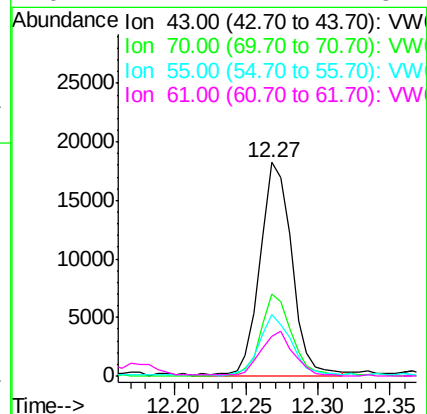
Ion Ratio Lower Upper

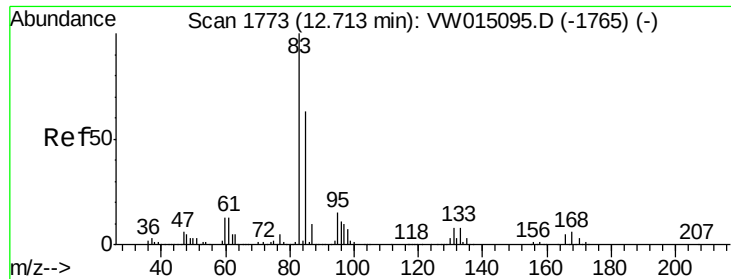
43 100

70 36.9 29.4 44.2

55 29.6 20.3 30.5

61 21.4 17.1 25.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.069 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

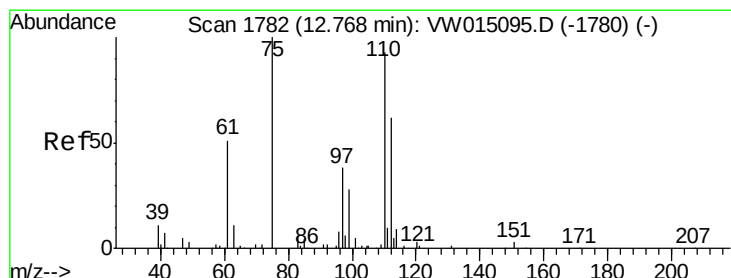
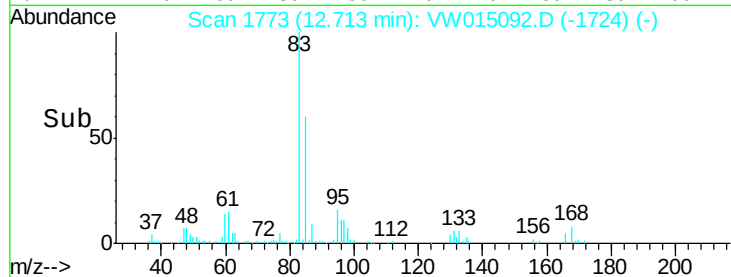
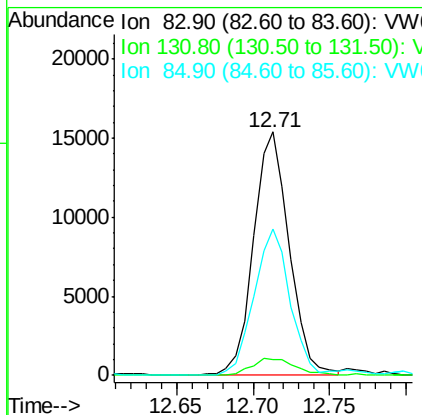
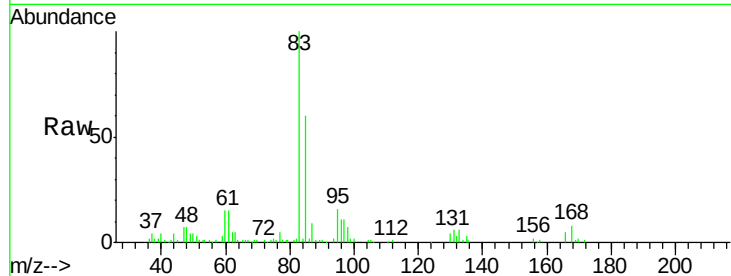
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	24975
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.3	13.1
85	60.8	31.5	94.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 2.731 ug/l m

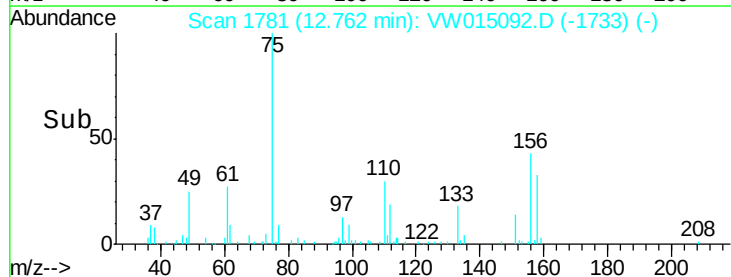
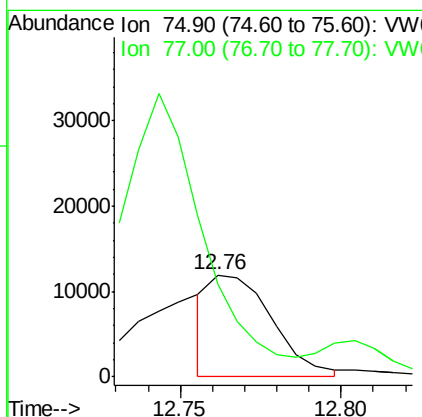
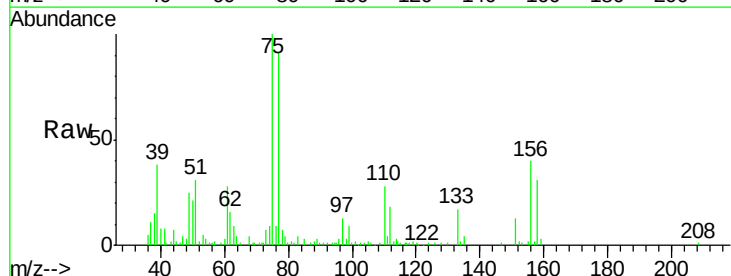
RT: 12.76 min Scan# 1781

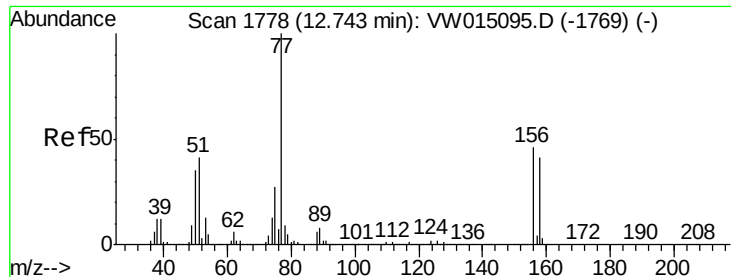
Delta R.T. -0.01 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion:	75	Resp:	16077
Ion Ratio	Lower	Upper	
75	100		
77	371.4	0.0	0.0#





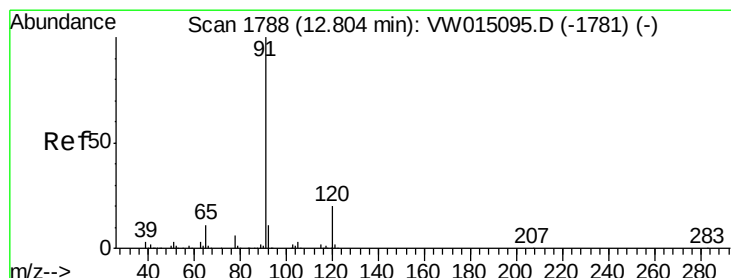
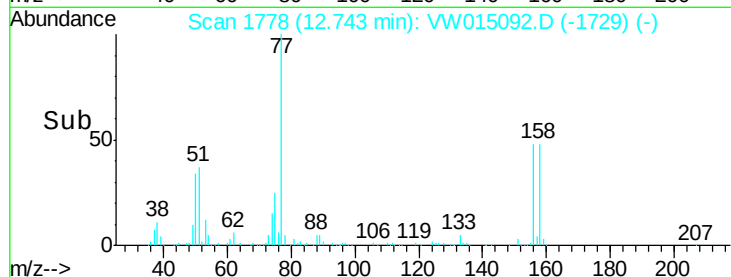
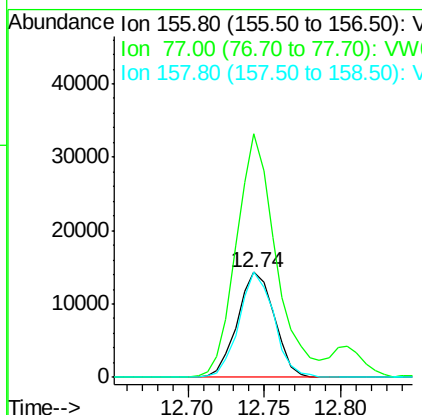
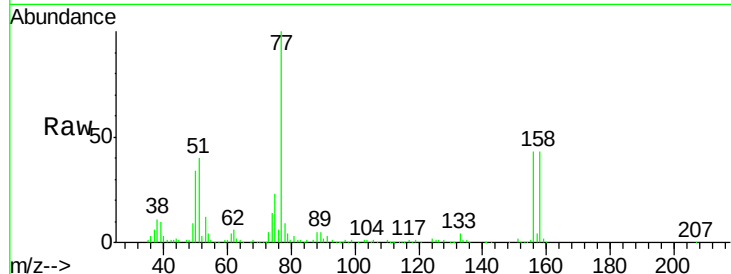
#77
Bromobenzene
Concen: 5.049 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	246.7	126.6	379.8	
158	93.9	47.4	142.2	

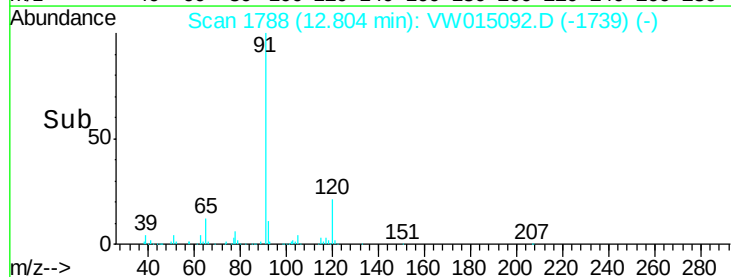
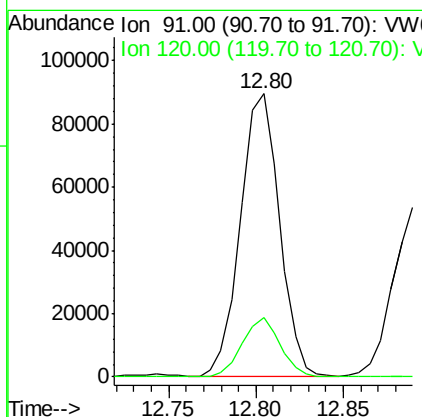
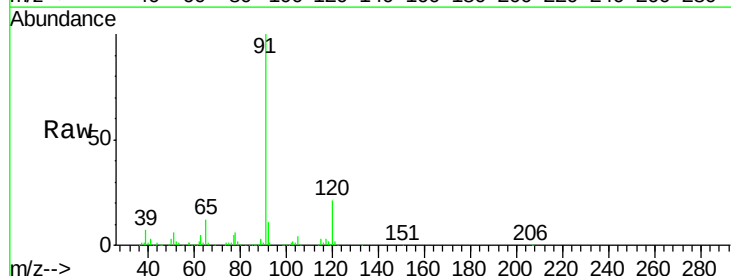
Manual Integrations
APPROVED

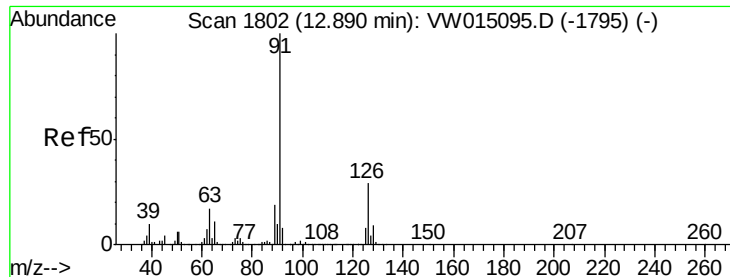
MMDadoda
3/11/2020 3:23:53 PM



#78
n-propylbenzene
Concen: 4.409 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	20.5	10.2	30.4	





#79

2-Chlorotoluene

Concen: 4.689 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 83131

Ion Ratio Lower Upper

91 100

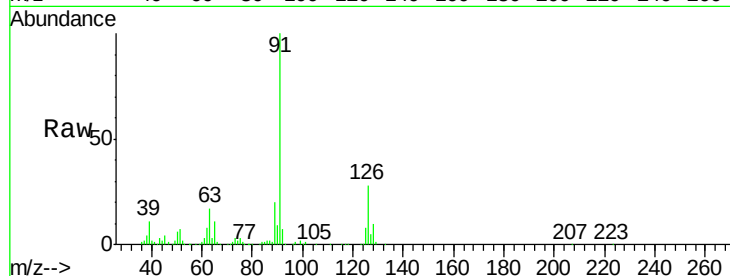
126 29.4 14.5 43.6

Manual Integrations

APPROVED

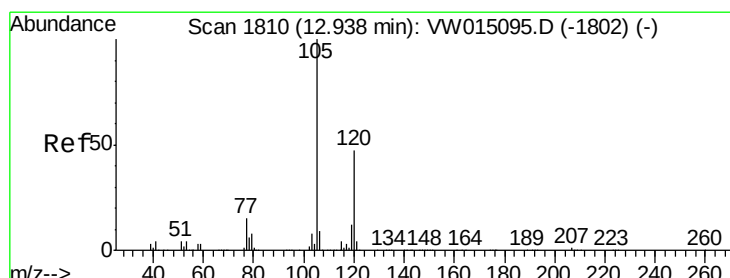
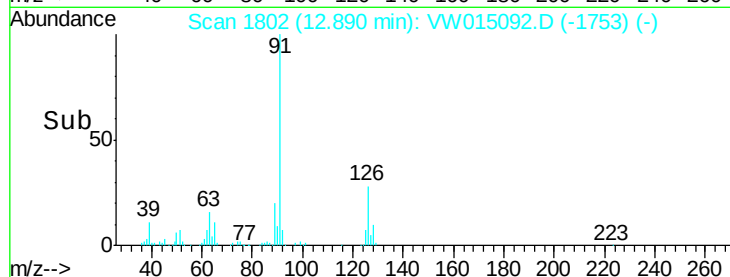
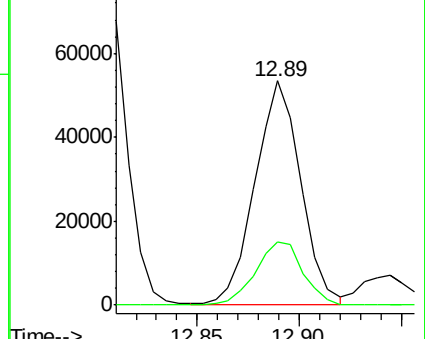
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.436 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW015092.D

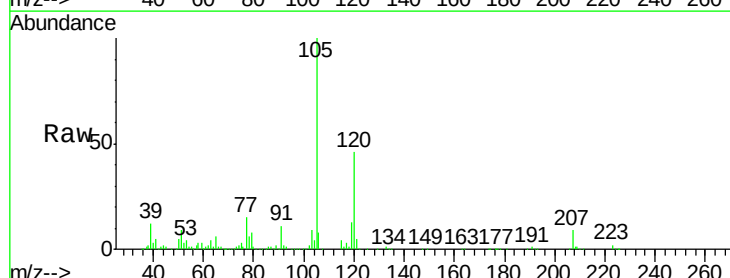
Acq: 09 Mar 2020 10:36

Tgt Ion: 105 Resp: 92530

Ion Ratio Lower Upper

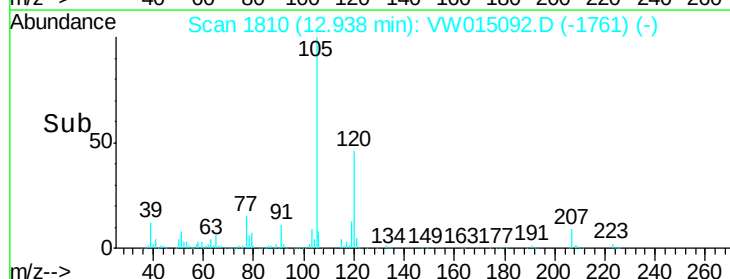
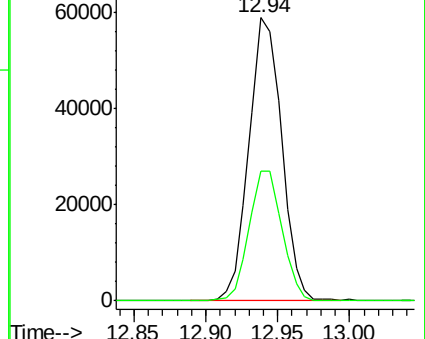
105 100

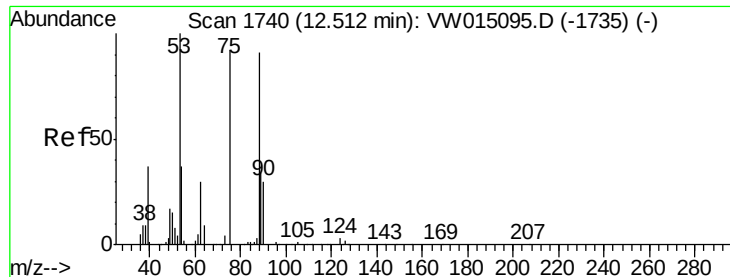
120 46.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





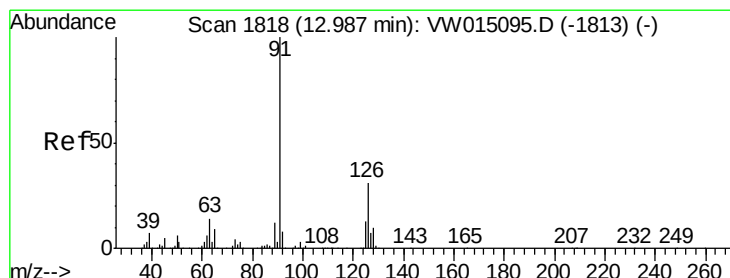
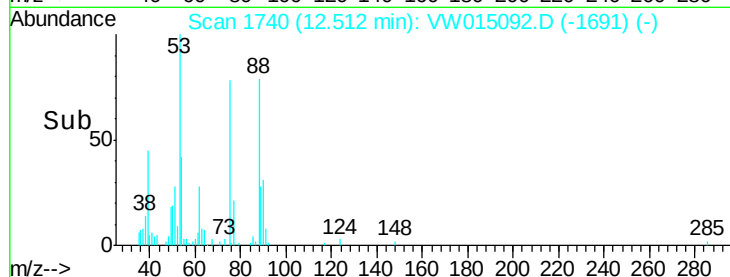
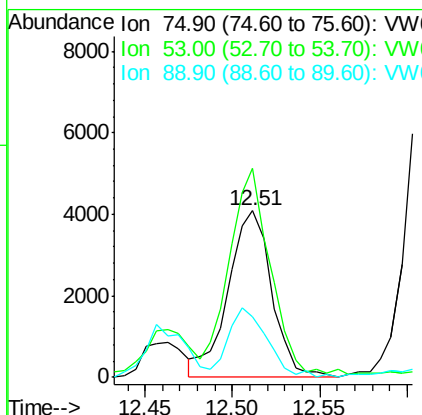
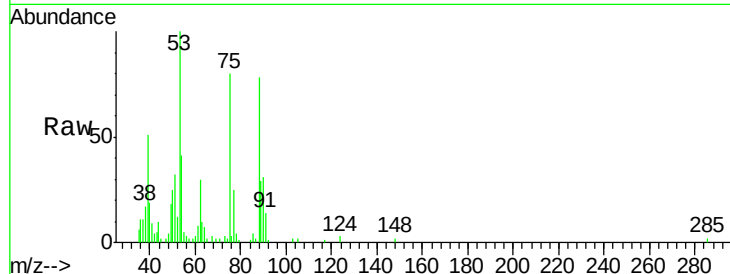
#81
trans-1,4-Dichloro-2-butene
Concen: 4.454 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.5	88.4	132.6
89	37.3	33.1	49.7

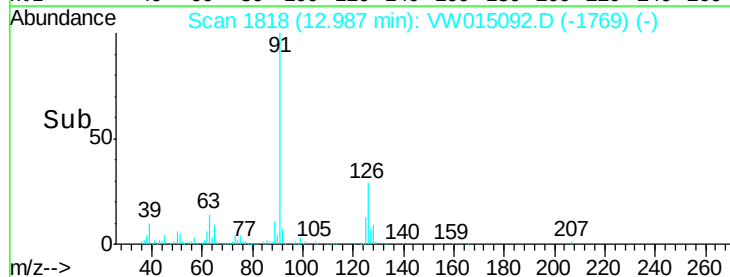
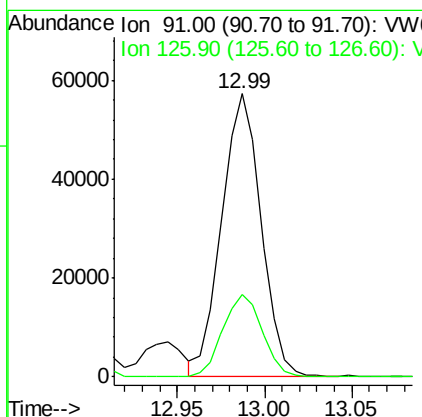
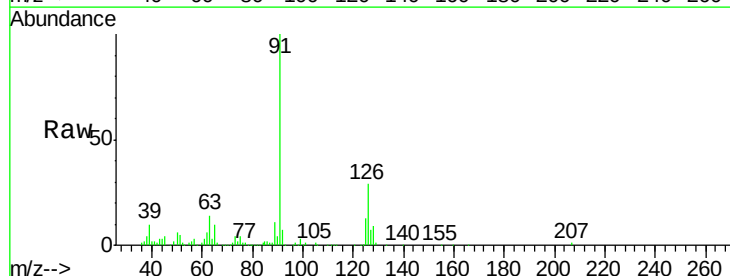
Manual Integrations
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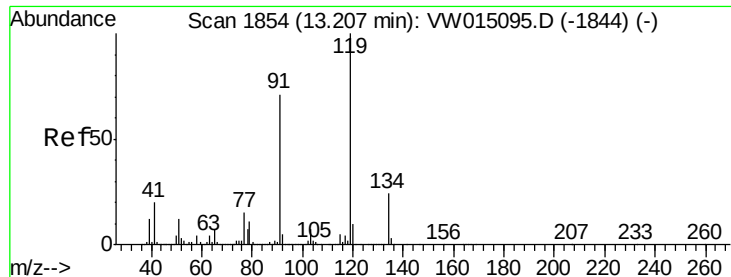
MMDadoda
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#82
4-Chlorotoluene
Concen: 4.722 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.4





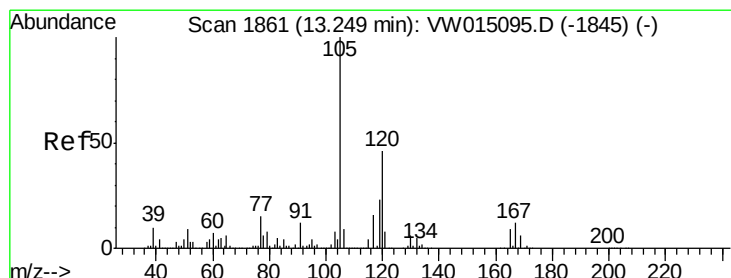
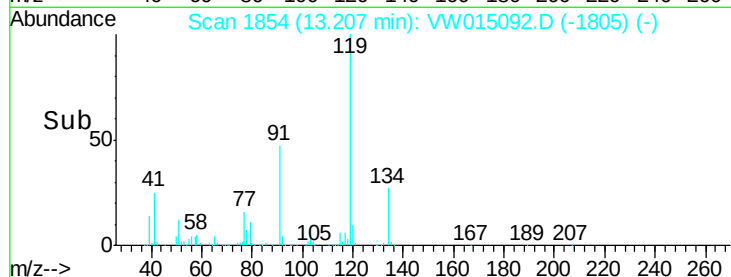
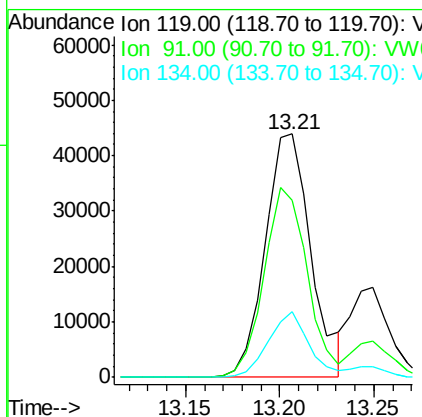
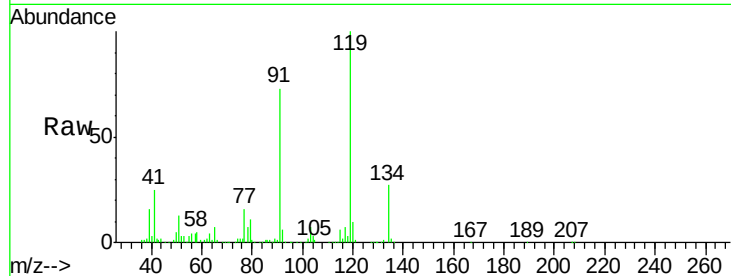
#83
 tert-Butylbenzene
 Concen: 4.375 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.9	35.7	107.1
134	23.9	12.7	38.1

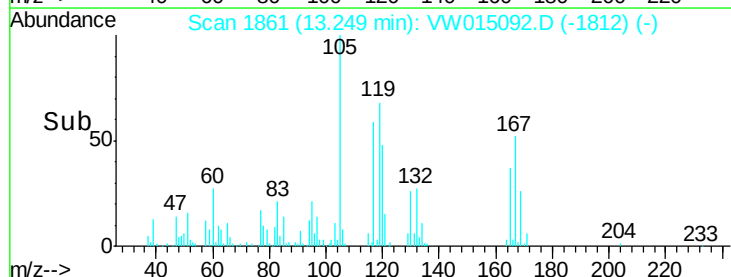
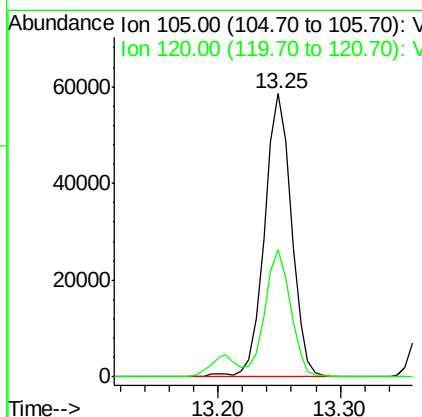
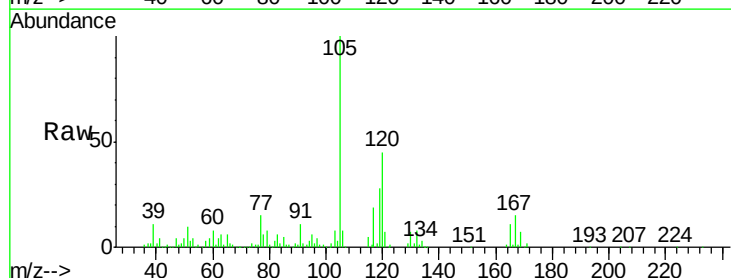
Manual Integrations
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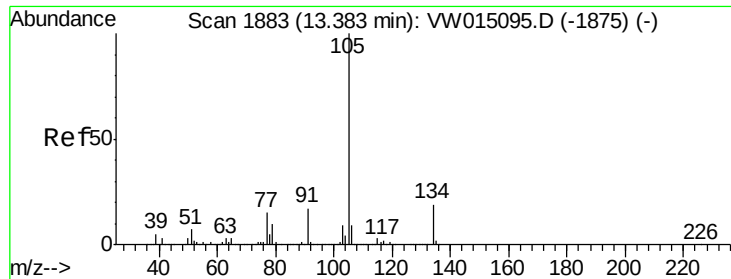
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.311 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.1	66.3





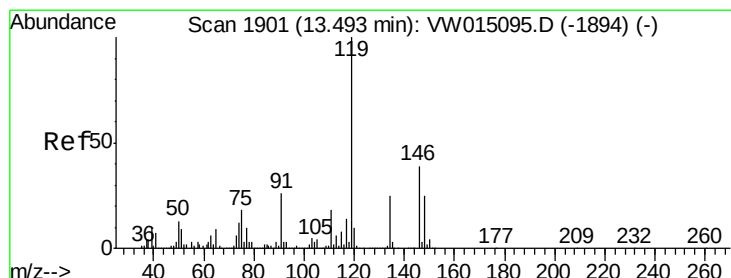
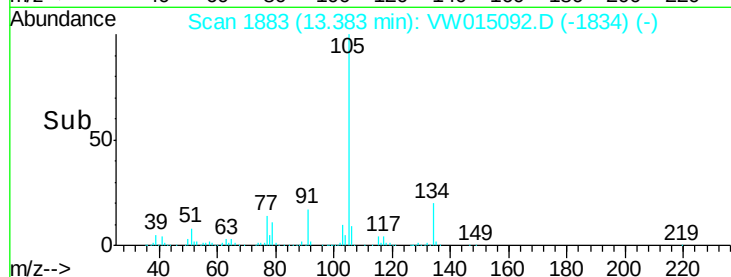
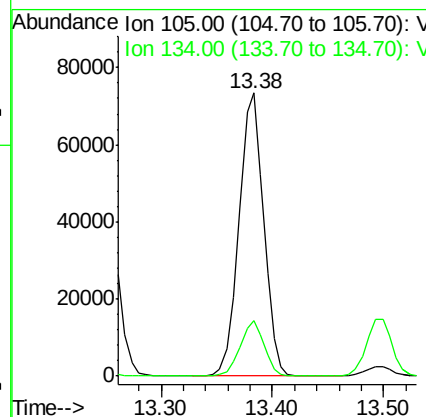
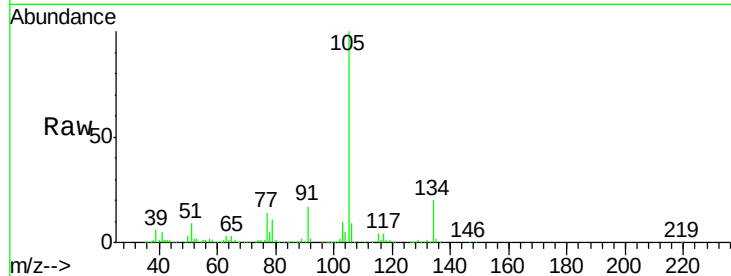
#85
 sec-Butylbenzene
 Concen: 4.395 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.0	9.0	27.1

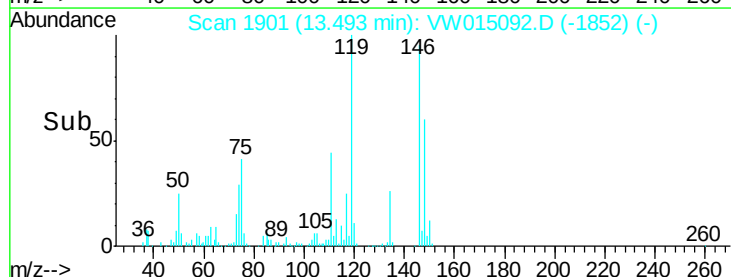
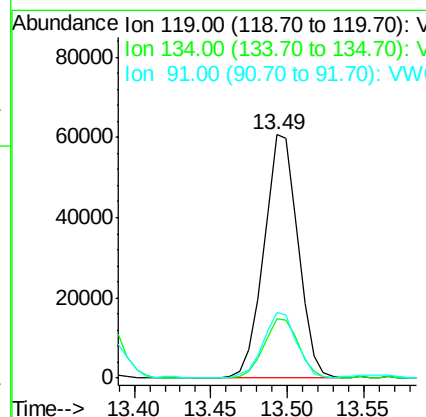
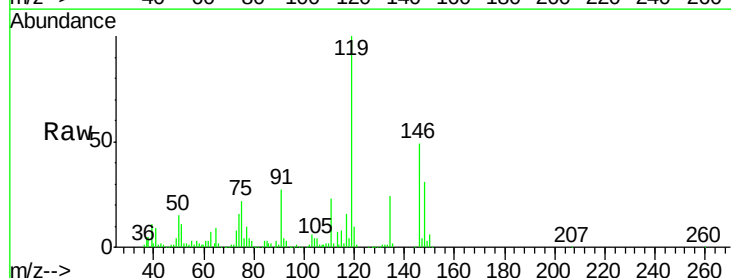
Manual Integrations
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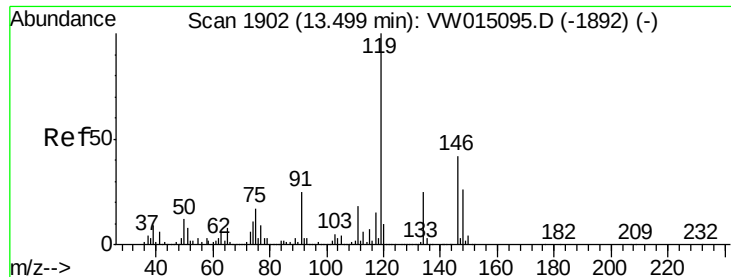
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 3/11/2020 3:23:53 PM



#86
 p-Isopropyltoluene
 Concen: 4.288 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.8
91	26.2	12.9	38.6





#87

1,3-Dichlorobenzene

Concen: 5.038 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

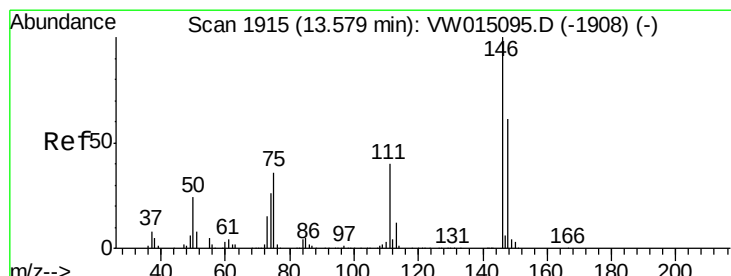
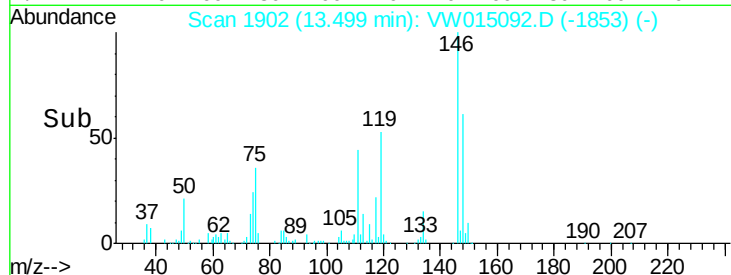
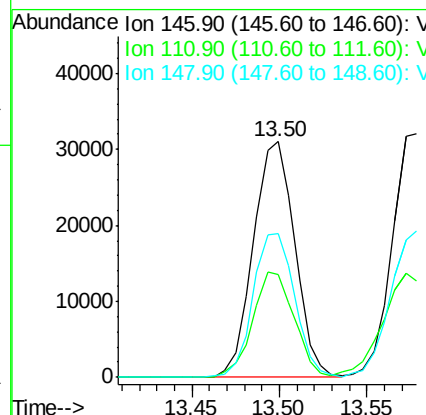
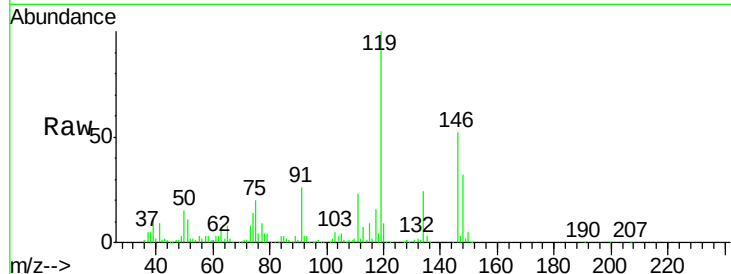
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.5	67.5
148	61.2	31.9	95.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.113 ug/l

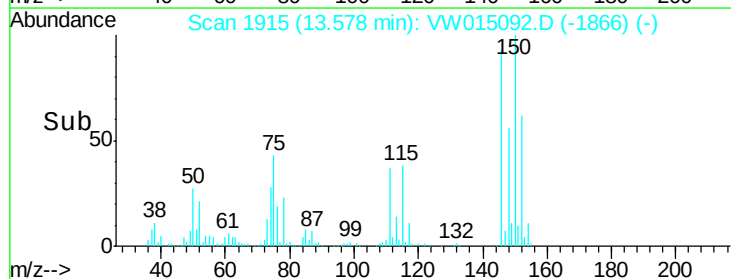
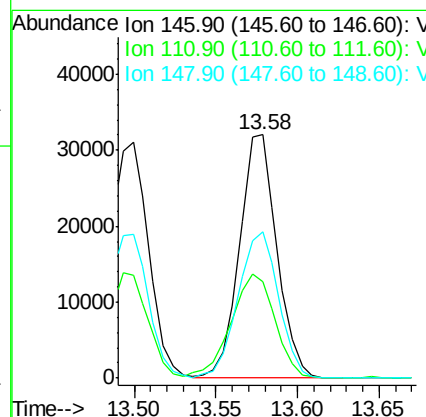
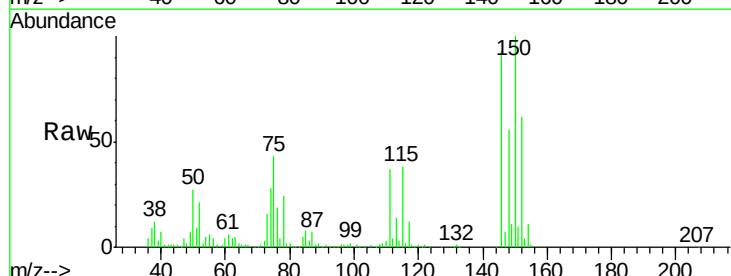
RT: 13.58 min Scan# 1915

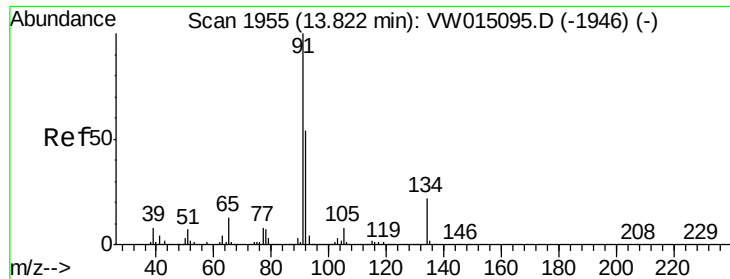
Delta R.T. -0.00 min

Lab File: VW015092.D

Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.5	21.3	63.9
148	65.3	31.6	94.8





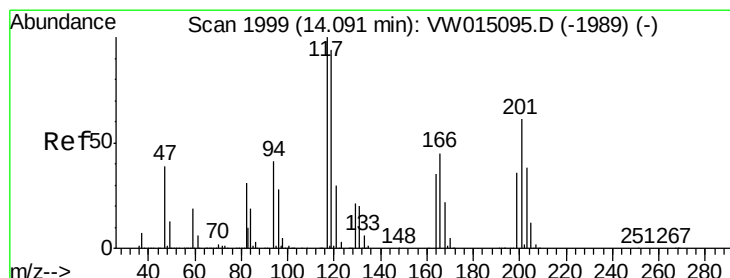
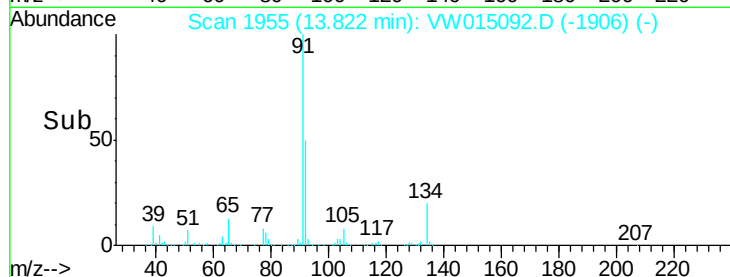
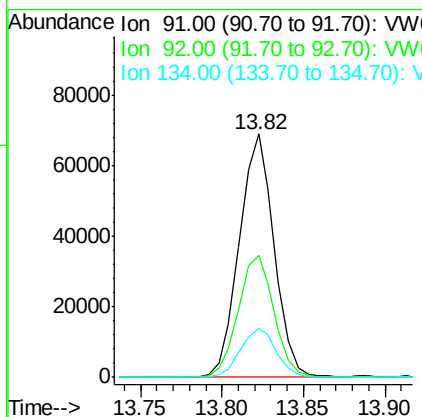
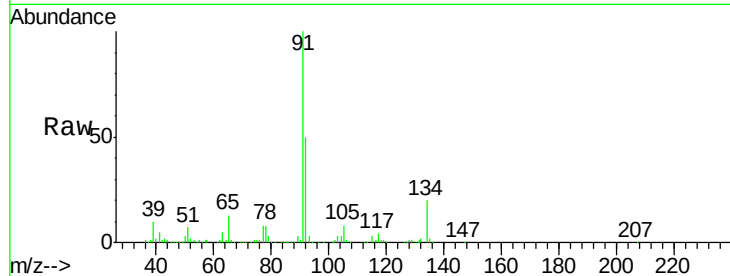
#89
n-Butylbenzene
Concen: 4.307 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.8	80.3
134	20.7	10.8	32.4

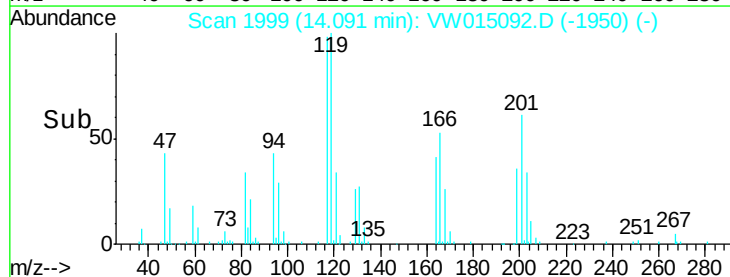
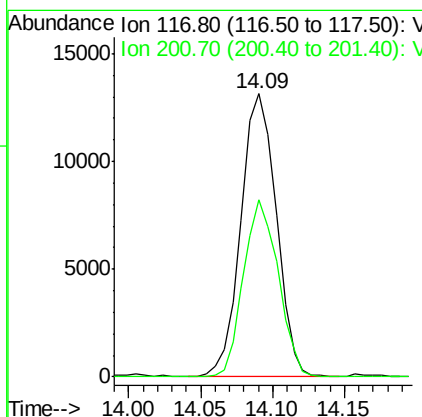
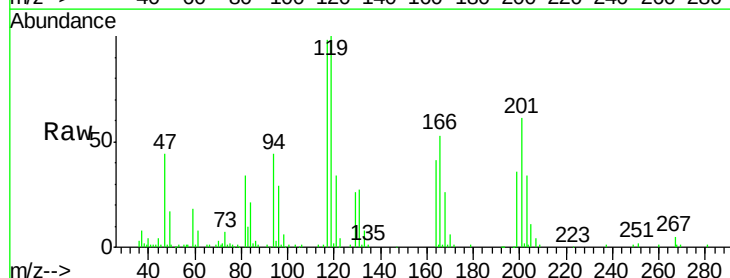
Manual Integrations
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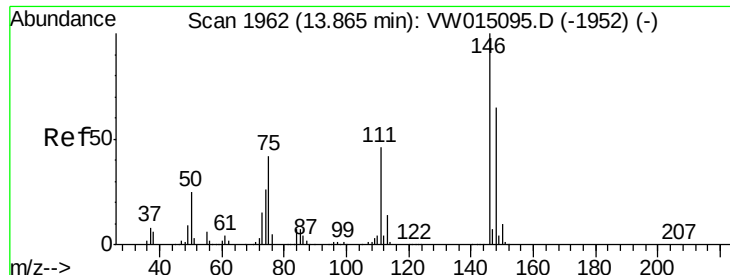
MMDadoda
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#90
Hexachloroethane
Concen: 5.095 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.1	30.3	90.9





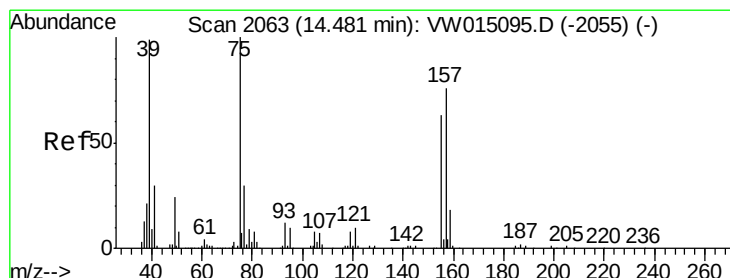
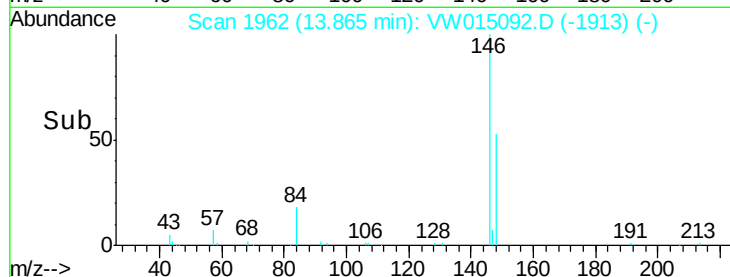
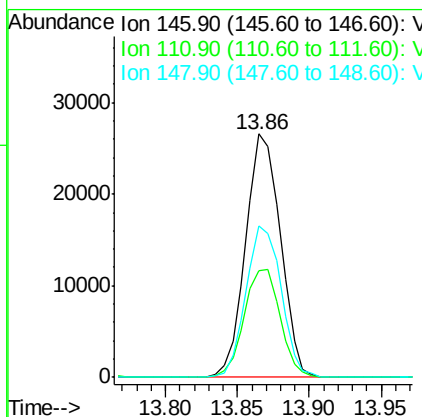
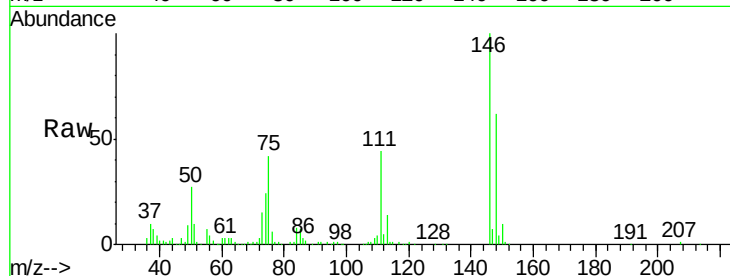
#91
 1,2-Dichlorobenzene
 Concen: 5.000 ug/l
 RT: 13.86 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	23.1	69.2
148	63.0	32.3	96.9

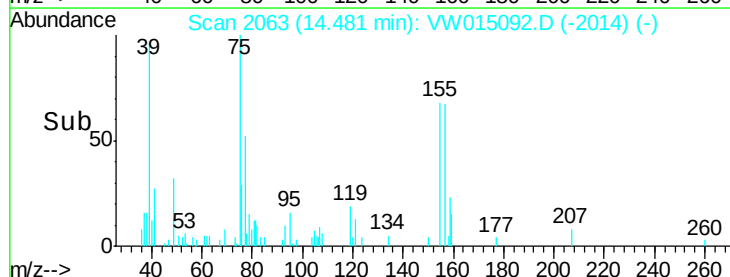
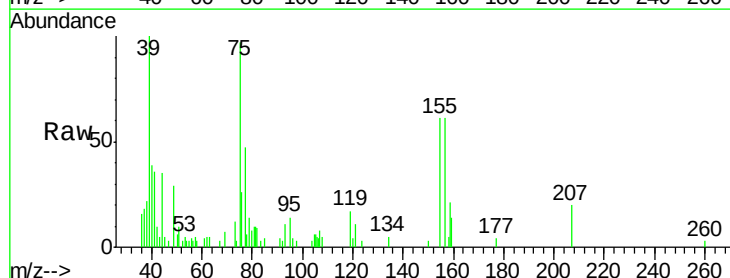
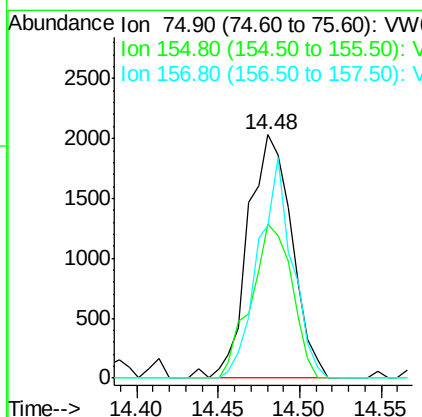
Manual Integrations
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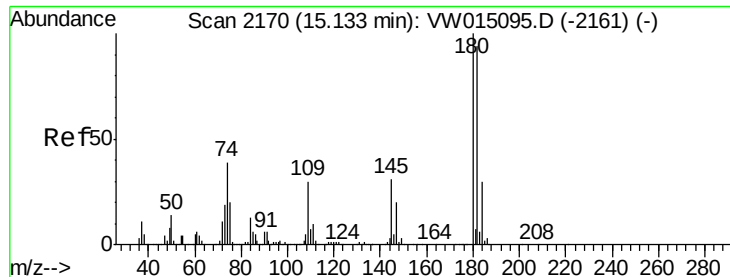
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.817 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015092.D
 Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	59.3	32.1	96.3
157	70.0	39.6	118.7





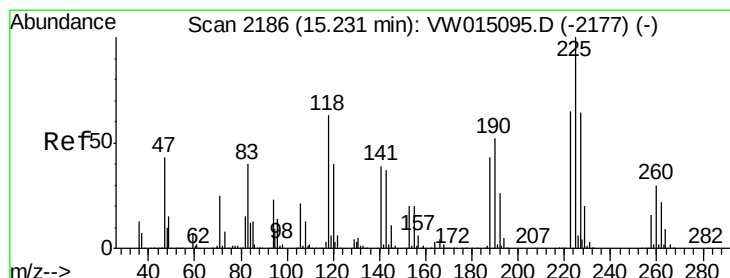
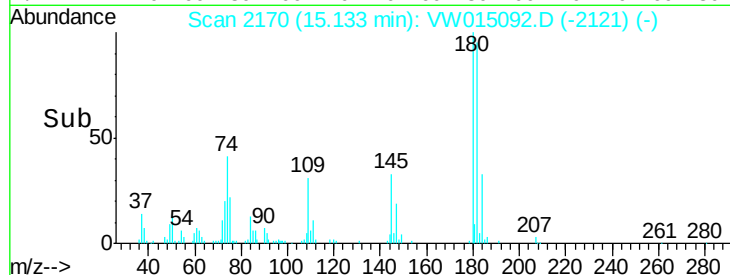
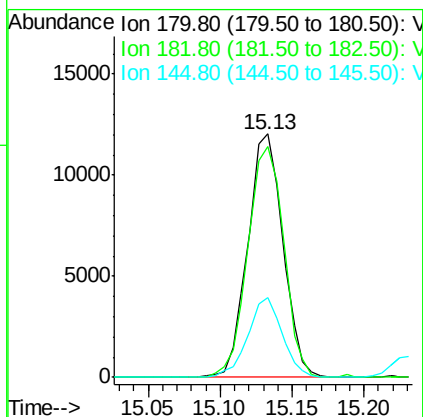
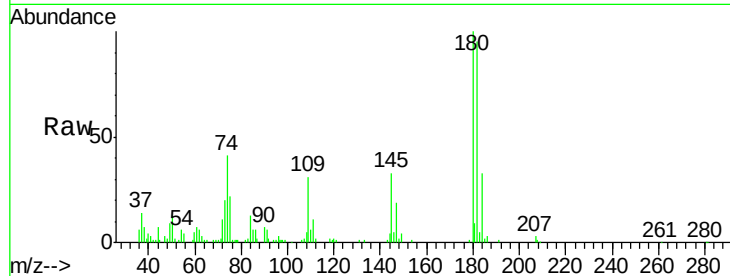
#93
1,2,4-Trichlorobenzene
Concen: 3.989 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.6	142.9
145	32.1	16.2	48.5

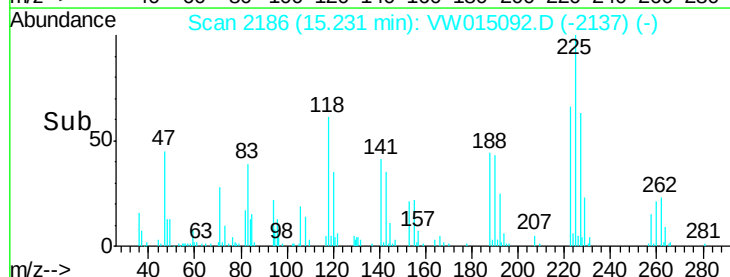
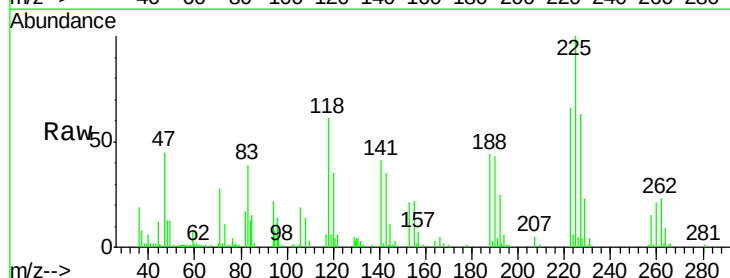
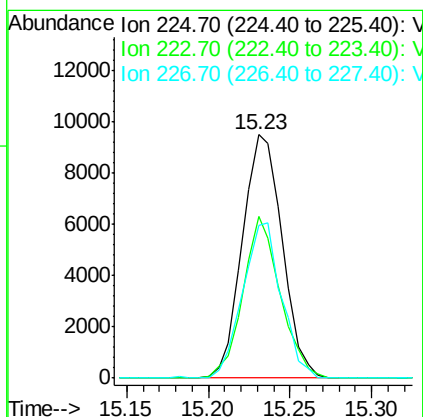
Manual Integrations
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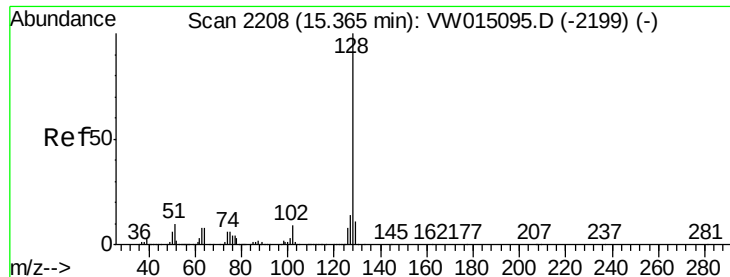
MMDadoda
3/11/2020 3:23:53 PM



#94
Hexachlorobutadiene
Concen: 5.049 ug/l
RT: 15.23 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.5	97.4
227	61.7	33.0	99.0





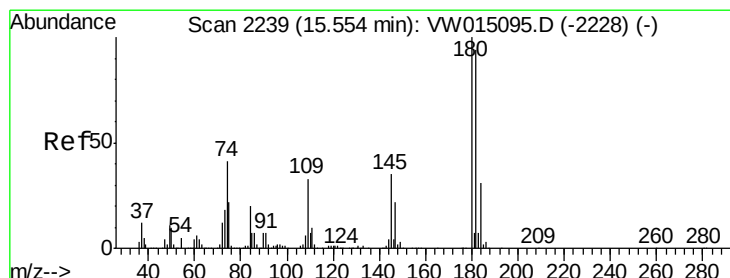
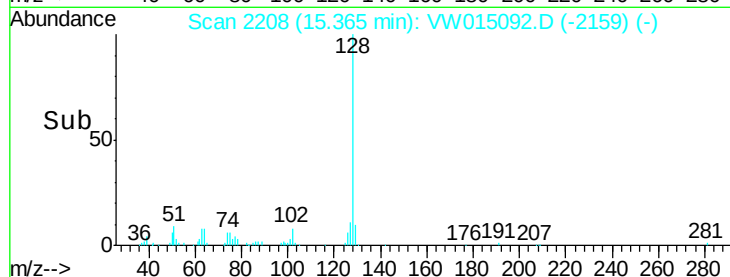
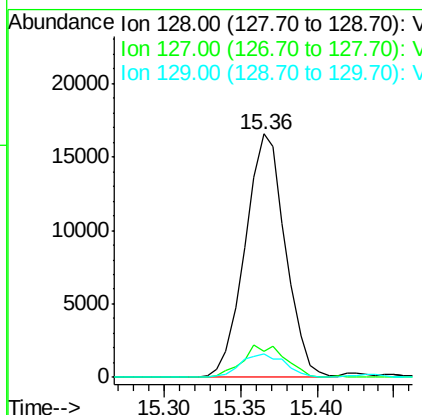
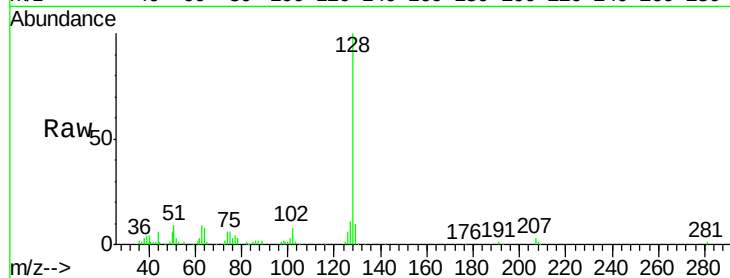
#95
Naphthalene
Concen: 3.195 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		30383		
127	14.4		10.7	16.1	
129	10.6		8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:23:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.979 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015092.D
Acq: 09 Mar 2020 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		17973		
182	94.8		47.9	143.7	
145	36.4		17.5	52.6	

