

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012120\
 Data File : VY001325.D
 Acq On : 21 Jan 2020 16:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:49:55 AM

Quant Time: Jan 21 16:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 16:42:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	179971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	327360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	291767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	323227	168.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	336.86%	
35) Dibromofluoromethane	7.75	113	295209	154.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.80%	
50) Toluene-d8	10.20	98	1207188	164.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	328.58%	
62) 4-Bromofluorobenzene	12.49	95	454680	153.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	215336	152.074	ug/l	100
3) Chloromethane	2.13	50	319729	148.867	ug/l	99
4) Vinyl Chloride	2.27	62	343387	154.253	ug/l	97
5) Bromomethane	2.65	94	205149	133.728	ug/l	98
6) Chloroethane	2.81	64	219948	154.699	ug/l	98
7) Trichlorofluoromethane	3.15	101	429046	149.912	ug/l	100
8) Diethyl Ether	3.56	74	189118	157.927	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	278720	153.539	ug/l	100
10) Methyl Iodide	4.13	142	393447	166.730	ug/l	99
11) Tert butyl alcohol	5.00	59	180329	581.180	ug/l	99
12) 1,1-Dichloroethene	3.91	96	292339	153.603	ug/l	93
13) Acrolein	3.77	56	107138	640.099	ug/l	100
14) Allyl chloride	4.52	41	552838	164.926	ug/l	99
15) Acrylonitrile	5.21	53	506681	834.826	ug/l	100
16) Acetone	3.99	43	386736	673.464	ug/l	99
17) Carbon Disulfide	4.23	76	930157	155.769	ug/l	100
18) Methyl Acetate	4.52	43	261033	159.778	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	910433	165.533	ug/l	99
20) Methylene Chloride	4.76	84	354240	112.502	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	347820	158.116	ug/l	98
22) Diisopropyl ether	6.16	45	1232372	175.051	ug/l	98
23) Vinyl Acetate	6.11	43	4027612	882.629	ug/l	99
24) 1,1-Dichloroethane	6.07	63	617510	164.514	ug/l	97
25) 2-Butanone	7.03	43	675954	802.226	ug/l	100
26) 2,2-Dichloropropane	7.03	77	517527	152.805	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	394929	161.184	ug/l	99
28) Bromochloromethane	7.38	49	282873	187.291	ug/l	98
29) Tetrahydrofuran	7.39	42	462245	852.554	ug/l	98
30) Chloroform	7.55	83	599396	162.571	ug/l	99
31) Cyclohexane	7.82	56	564194	148.786	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	500654	160.446	ug/l	99
36) 1,1-Dichloropropene	7.96	75	466367	150.954	ug/l	99
37) Ethyl Acetate	7.12	43	302737	162.427	ug/l	100
38) Carbon Tetrachloride	7.94	117	420383	153.030	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	596076	150.541	ug/l	99
40) Benzene	8.19	78	1425904	154.540	ug/l	100
41) Methacrylonitrile	7.36	41	140477m	142.935	ug/l	
42) 1,2-Dichloroethane	8.27	62	402572	156.485	ug/l	100
43) Isopropyl Acetate	8.30	43	589012	162.543	ug/l	100
44) Trichloroethene	8.97	130	357461	150.259	ug/l	99
45) 1,2-Dichloropropane	9.24	63	366432	157.638	ug/l	98
46) Dibromomethane	9.33	93	194506	155.496	ug/l	97
47) Bromodichloromethane	9.52	83	476854	160.319	ug/l	97
48) Methyl methacrylate	9.32	41	271668	165.432	ug/l	97
49) 1,4-Dioxane	9.33	88	57116	3265.767	ug/l	95
51) 4-Methyl-2-Pentanone	10.09	43	1520530	815.234	ug/l	99
52) Toluene	10.26	92	914678	156.771	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	541077	164.956	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	605547	159.963	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	291925	158.670	ug/l	98
56) Ethyl methacrylate	10.53	69	459015	166.489	ug/l	98
57) 1,3-Dichloropropane	10.81	76	508148	158.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	723033	743.097	ug/l	99
59) 2-Hexanone	10.85	43	1055429	812.311	ug/l	100
60) Dibromochloromethane	11.00	129	328679	159.953	ug/l	99
61) 1,2-Dibromoethane	11.10	107	277906	160.019	ug/l	100
64) Tetrachloroethene	10.74	164	268594	142.997	ug/l	98
65) Chlorobenzene	11.53	112	936275	152.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	319913	152.922	ug/l	100
67) Ethyl Benzene	11.60	91	1708645	150.909	ug/l	98
68) m/p-Xylenes	11.72	106	1274551	301.315	ug/l	99
69) o-Xylene	12.04	106	618181	152.171	ug/l	98
70) Styrene	12.05	104	1116169	157.527	ug/l	99
71) Bromoform	12.22	173	196680	158.461	ug/l #	100
73) Isopropylbenzene	12.34	105	1664241	158.105	ug/l	99
74) N-amyl acetate	12.15	43	574592	168.710	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	363694	162.029	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	240445m	147.901	ug/l	
77) Bromobenzene	12.62	156	355597	151.394	ug/l	94
78) n-propylbenzene	12.68	91	1987687	156.629	ug/l	99
79) 2-Chlorotoluene	12.77	91	1142462	157.787	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	1363525	154.583	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	146058	175.182	ug/l	95
82) 4-Chlorotoluene	12.86	91	1232584	159.706	ug/l	98
83) tert-Butylbenzene	13.08	119	1127275	151.016	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	1354891	152.674	ug/l	100
85) sec-Butylbenzene	13.26	105	1610156	151.984	ug/l	100
86) p-Isopropyltoluene	13.38	119	1397110	149.182	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	671292	147.808	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	686814	149.165	ug/l	100
89) n-Butylbenzene	13.70	91	1436964	153.128	ug/l	99
90) Hexachloroethane	13.97	117	276246	156.962	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	637849	153.201	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	60118	153.813	ug/l	98

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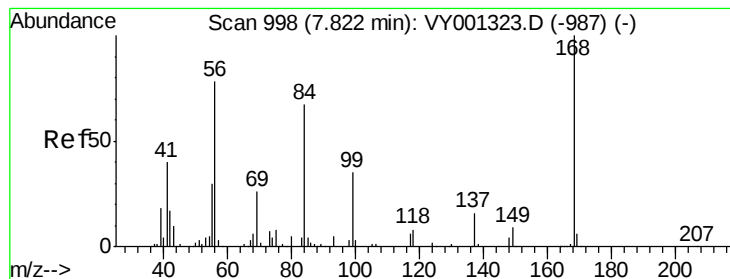
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	410247	145.572	ug/l	99
94) Hexachlorobutadiene	15.12	225	190890	137.922	ug/l	99
95) Naphthalene	15.24	128	980347	153.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	362264	146.728	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 179971

Ion Ratio Lower Upper

168 100

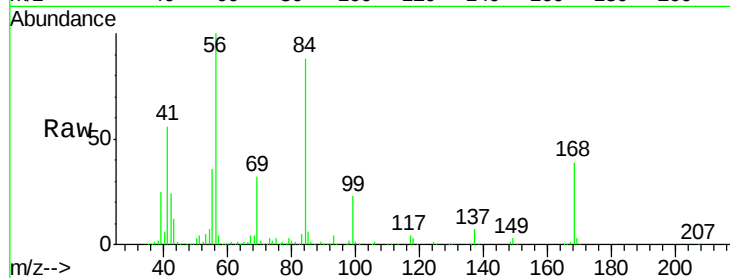
99 58.0 44.3 66.5

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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

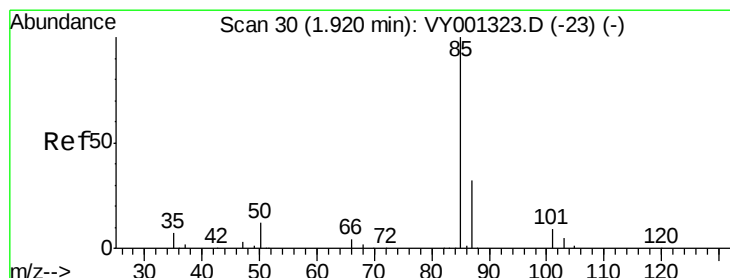
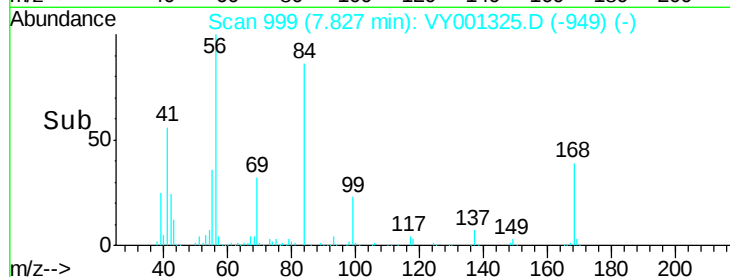
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 152.074 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001325.D

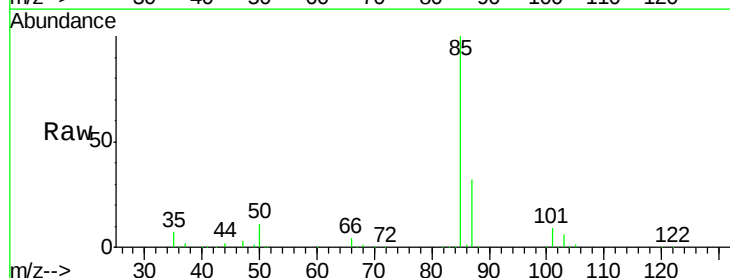
Acq: 21 Jan 2020 16:29

Tgt Ion: 85 Resp: 215336

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

150000

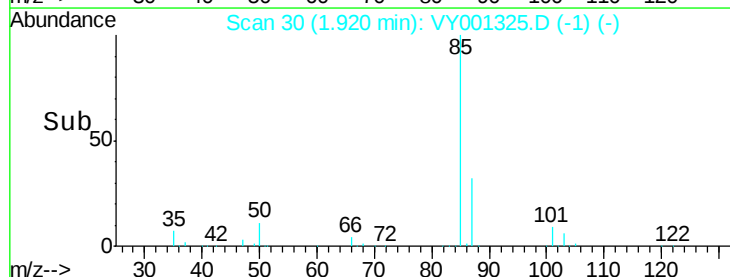
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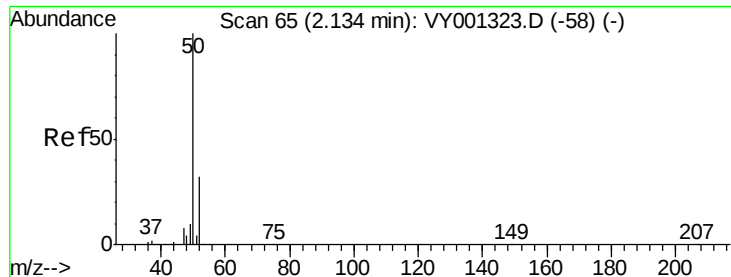
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 148.867 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 319729

Ion Ratio Lower Upper

50 100

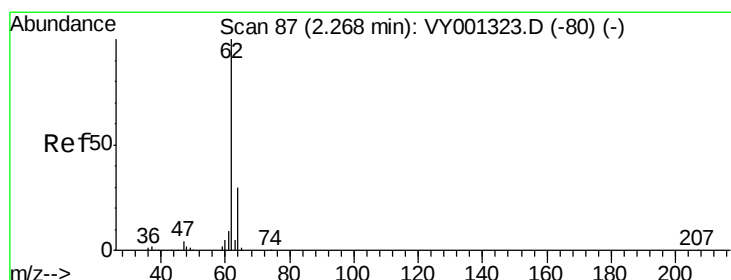
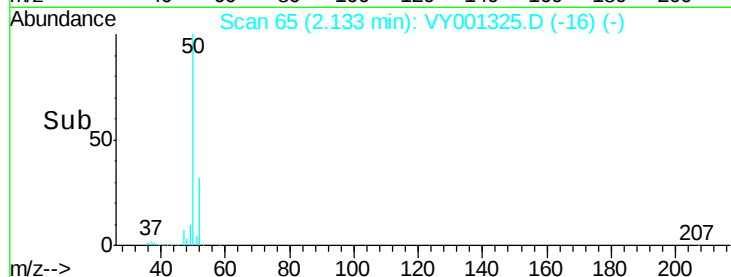
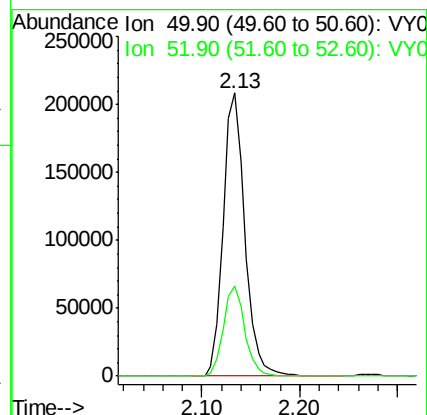
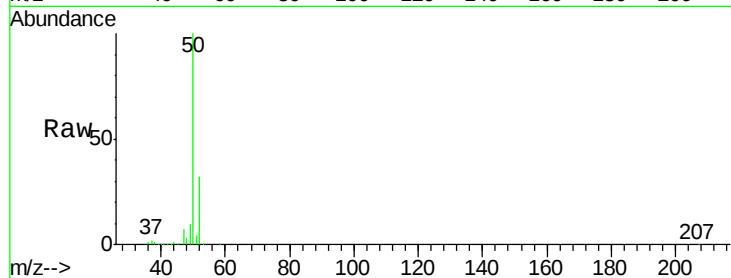
52 31.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 154.253 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001325.D

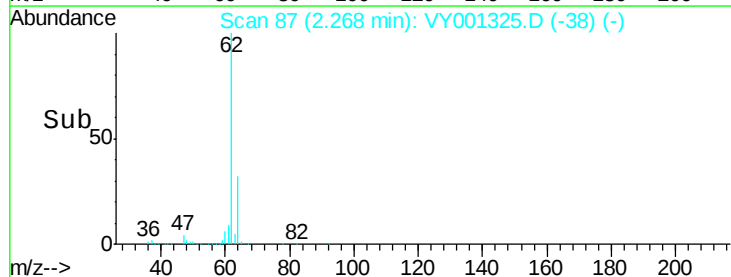
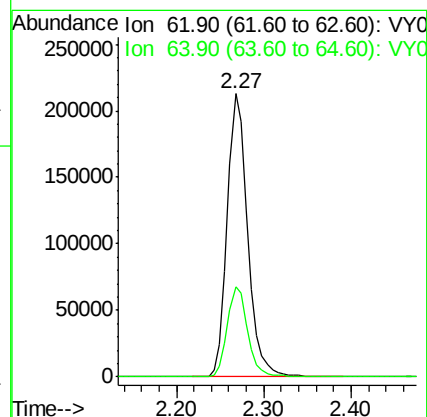
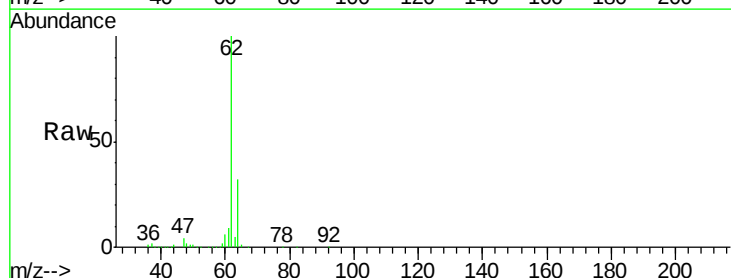
Acq: 21 Jan 2020 16:29

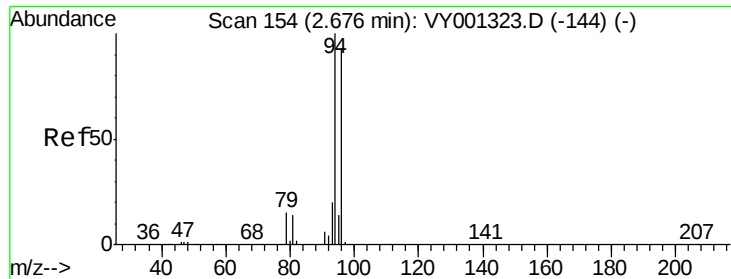
Tgt Ion: 62 Resp: 343387

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 133.728 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 205149

Ion Ratio Lower Upper

94 100

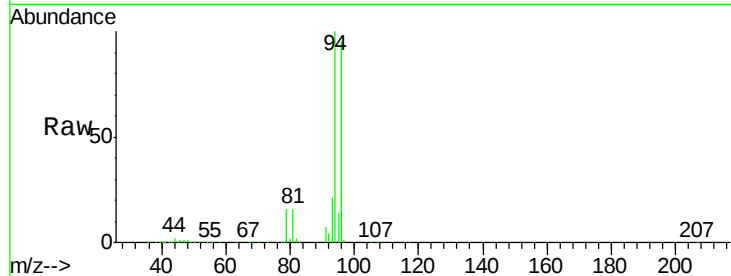
96 95.4 74.6 111.8

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

100000

80000

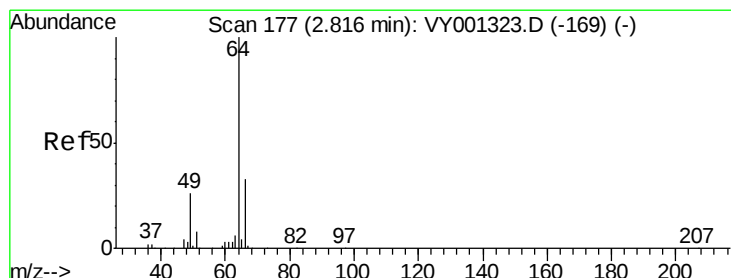
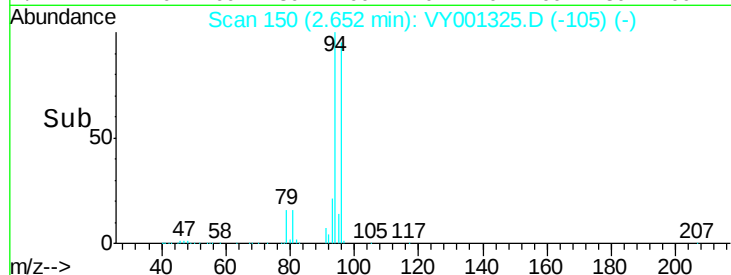
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 154.699 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001325.D

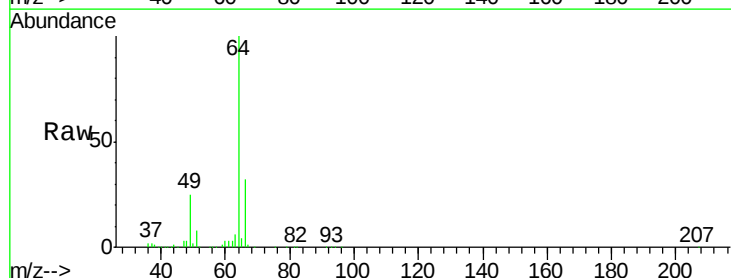
Acq: 21 Jan 2020 16:29

Tgt Ion: 64 Resp: 219948

Ion Ratio Lower Upper

64 100

66 32.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

100000

80000

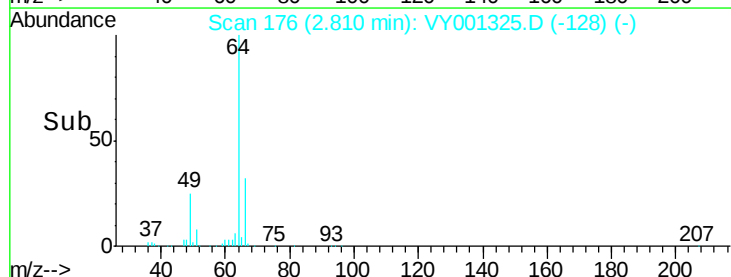
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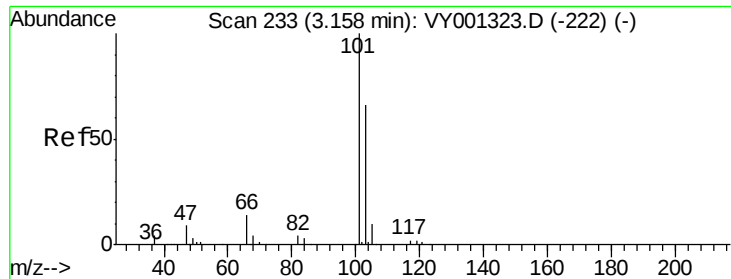
40000

20000

0

Time--> 2.70 2.80 2.90 3.00





#7

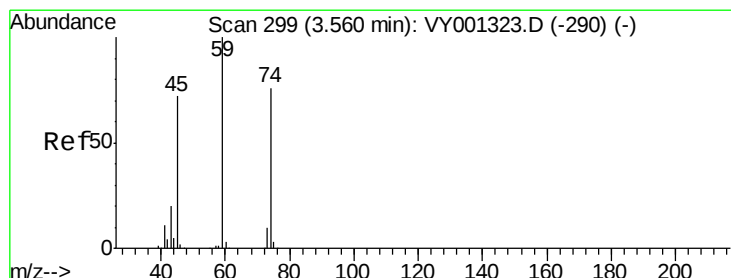
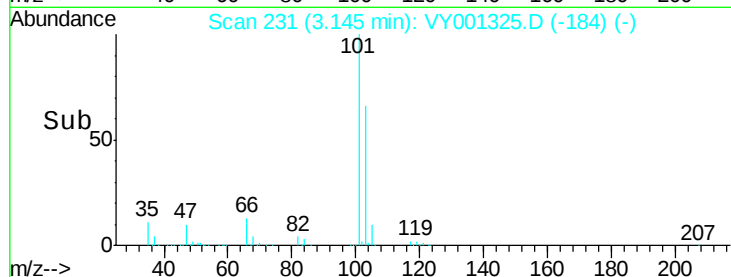
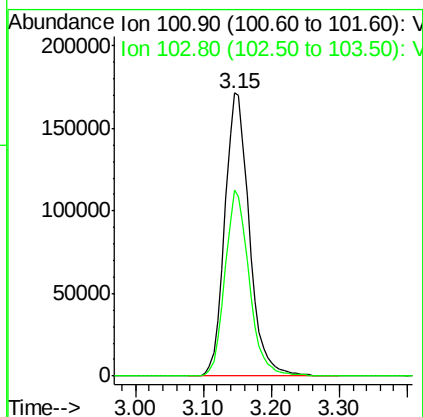
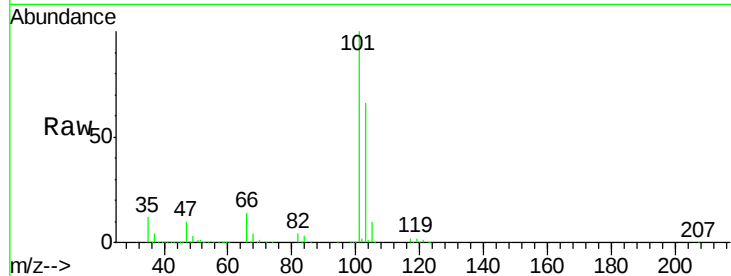
Trichlorofluoromethane
Concen: 149.912 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.5	78.7

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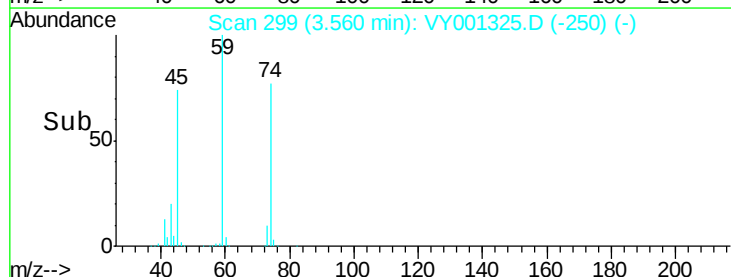
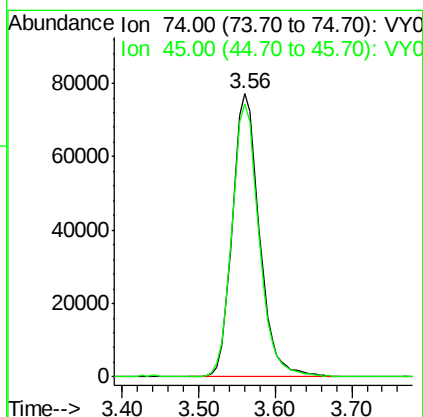
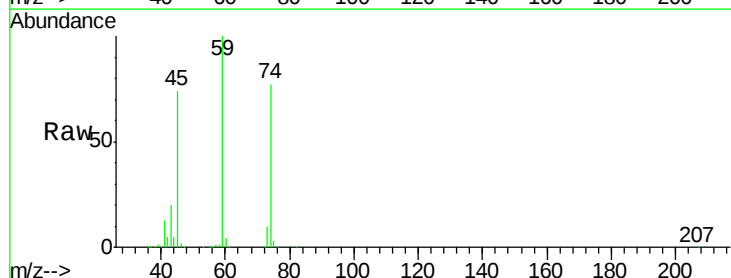
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#8

Diethyl Ether
Concen: 157.927 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.539 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

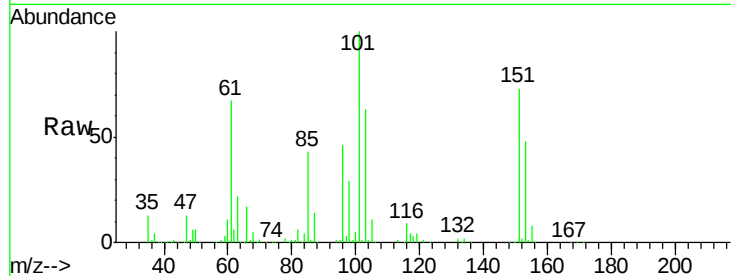
ClientSampleId :

VSTDIC150

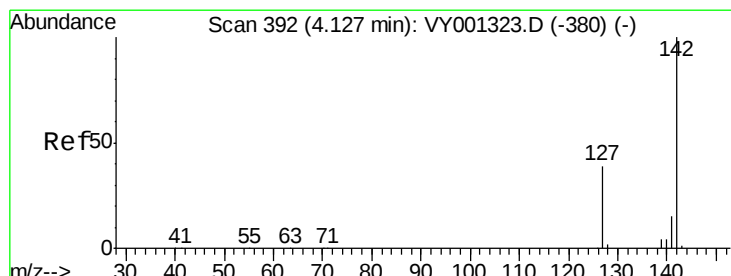
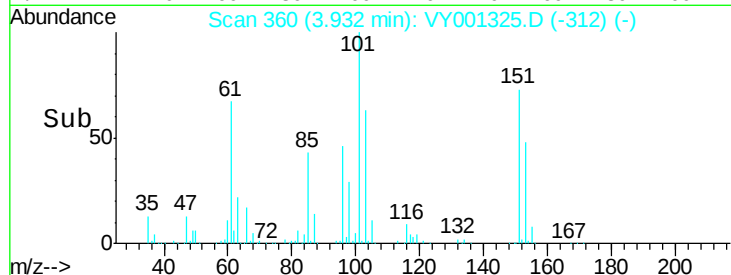
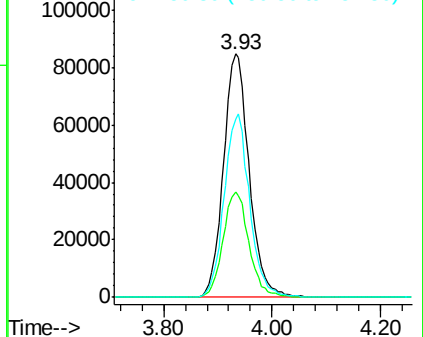
Tot Ion:	101	Resp:	278720
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	74.8	59.9	89.9

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 166.730 ug/l

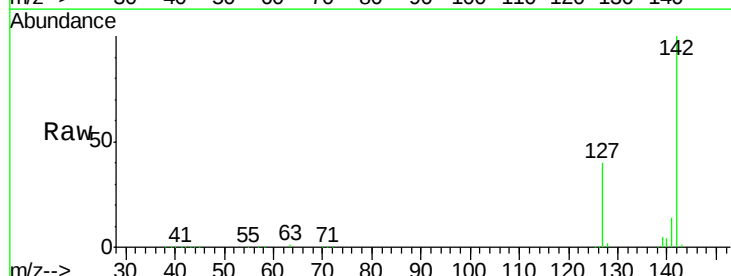
RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

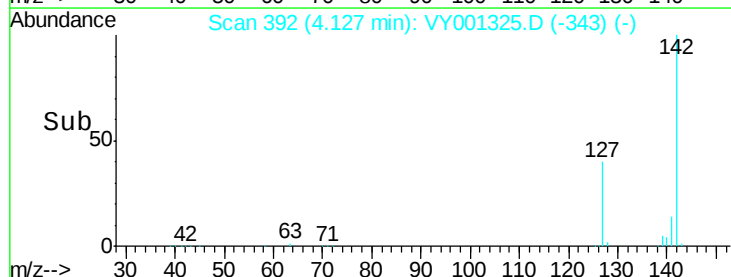
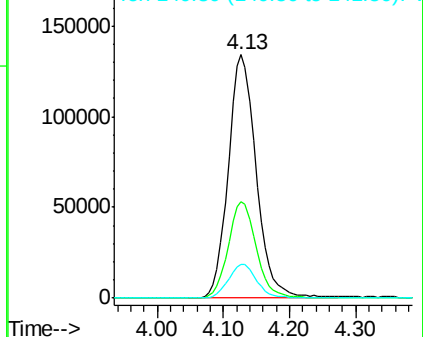
Lab File: VY001325.D

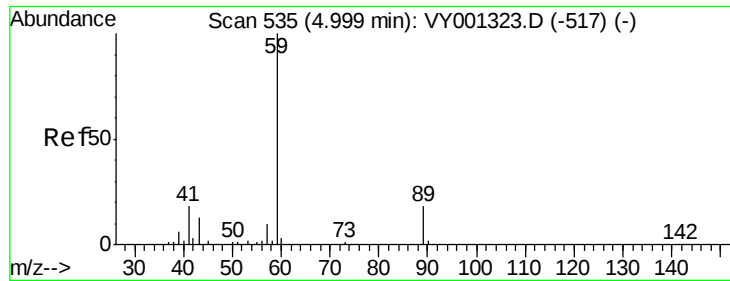
Acq: 21 Jan 2020 16:29

Tgt Ion:	142	Resp:	393447
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	14.0	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





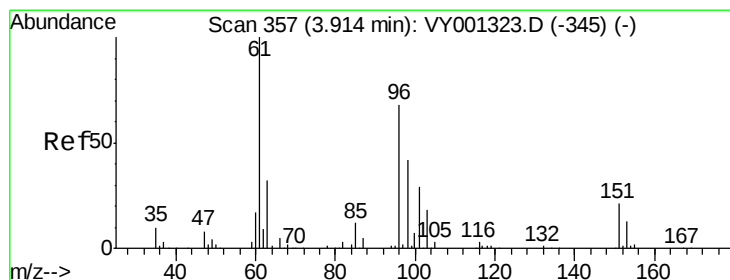
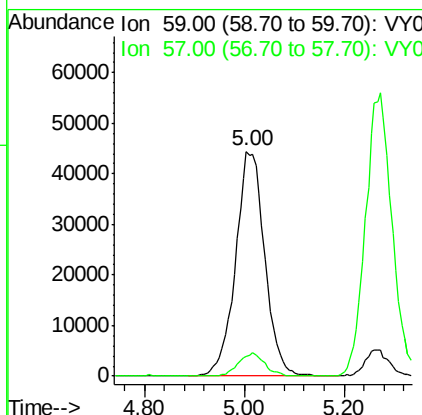
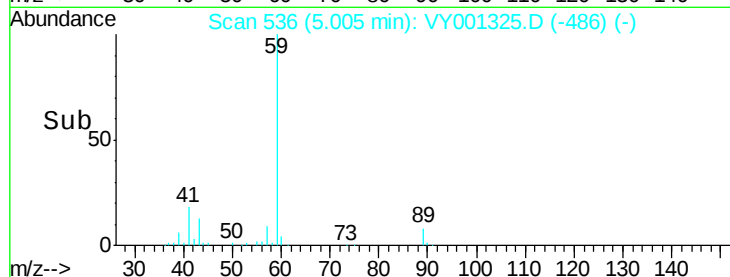
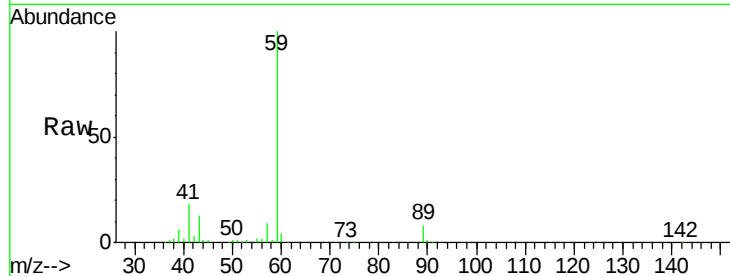
#11
Tert butyl alcohol
Concen: 581.180 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.4	11.2

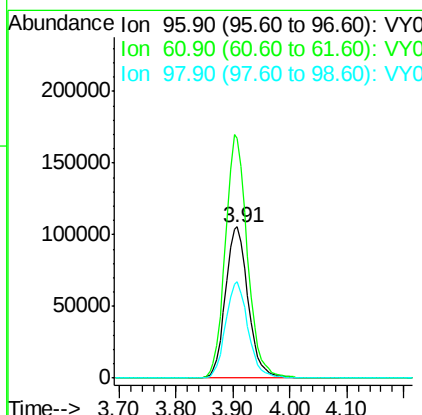
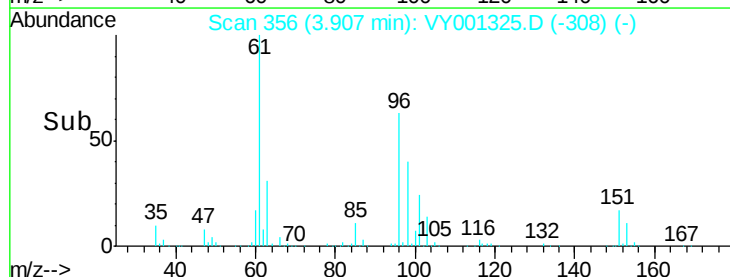
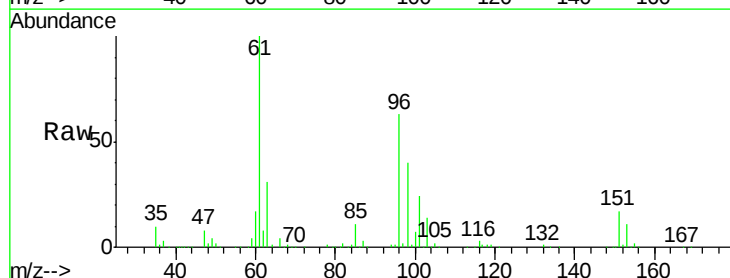
Manual Integrations
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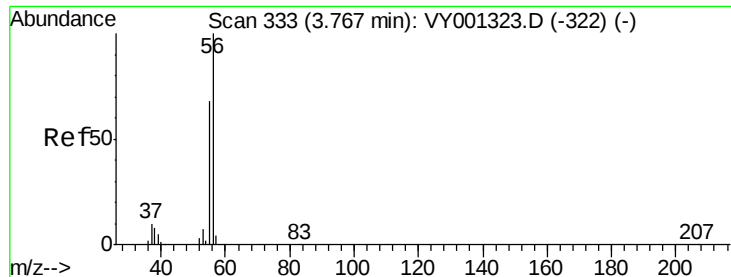
MMDadoda
1/22/2020 10:49:55 AM



#12
1,1-Dichloroethene
Concen: 153.603 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	118.0	177.0
98	63.7	49.4	74.2





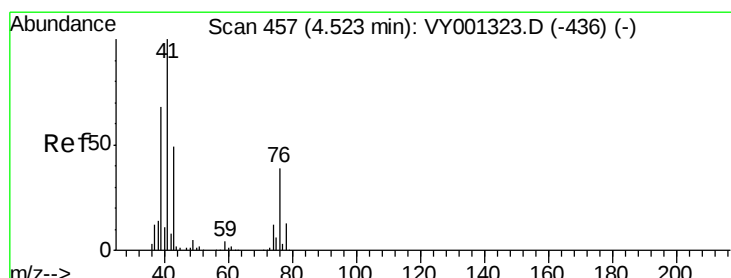
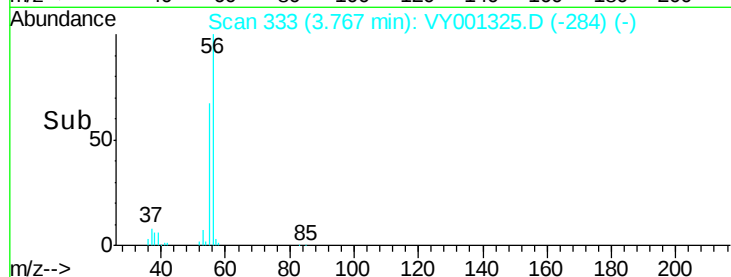
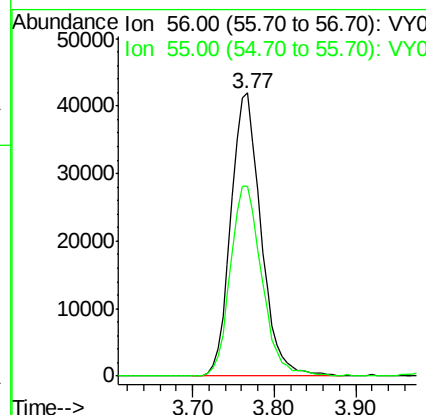
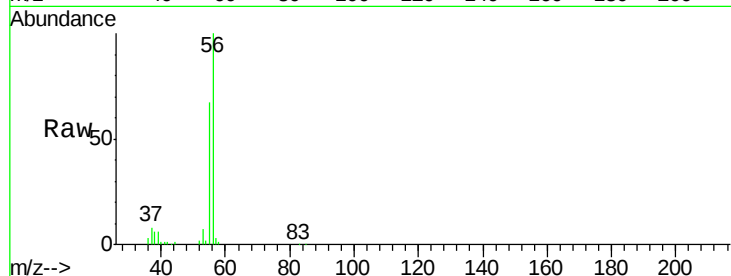
#13
Acrolein
Concen: 640.099 ug/l
RT: 3.77 min Scan# 333
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		107138		
55	70.0			55.9	83.9

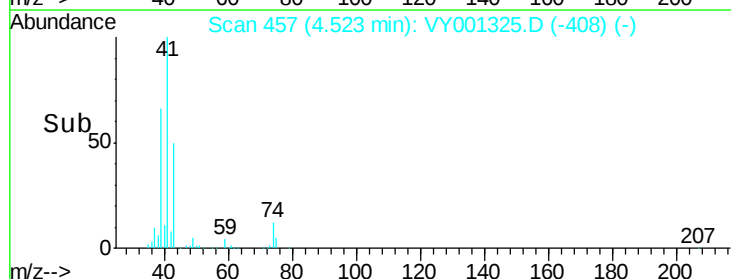
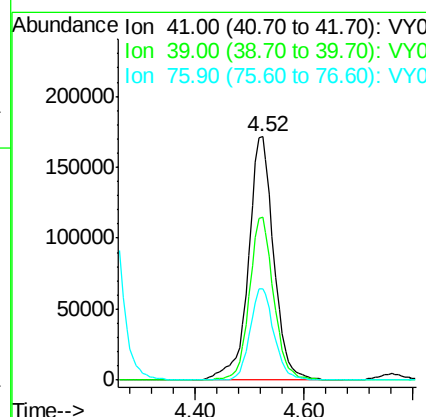
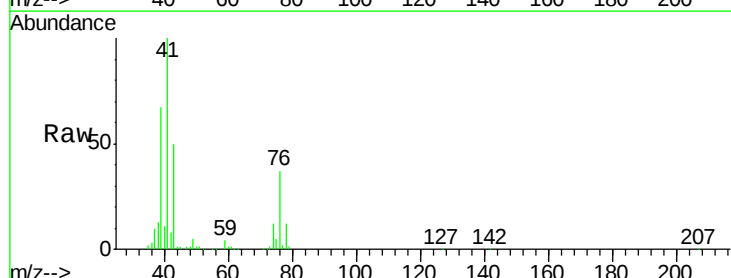
Manual Integrations
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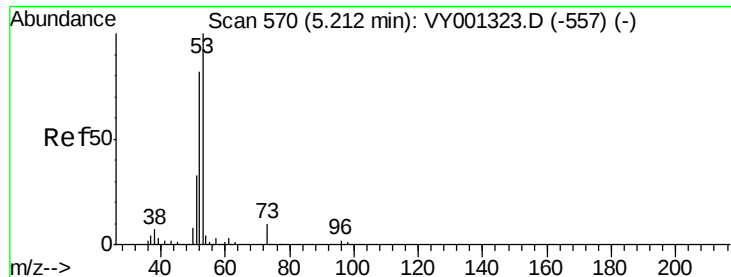
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#14
Allyl chloride
Concen: 164.926 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		552838		
39	64.2			52.2	78.4
76	35.5			29.1	43.7





#15

Acrylonitrile

Concen: 834.826 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

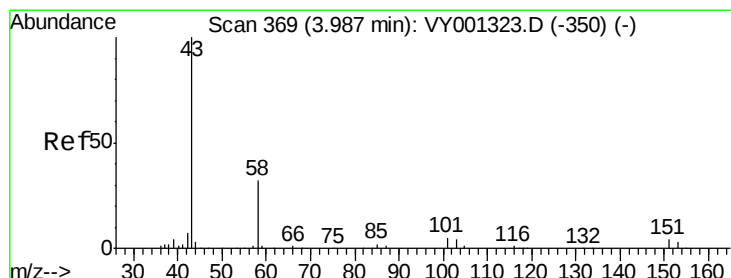
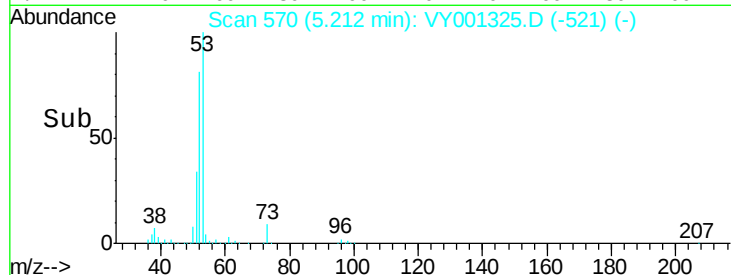
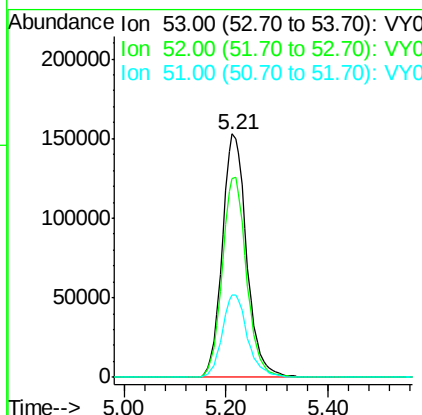
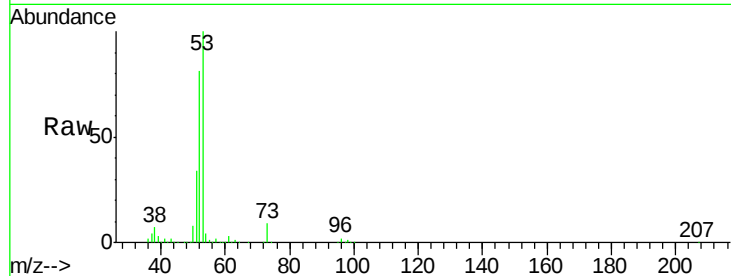
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	506681
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	35.3	28.4	42.6

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#16

Acetone

Concen: 673.464 ug/l

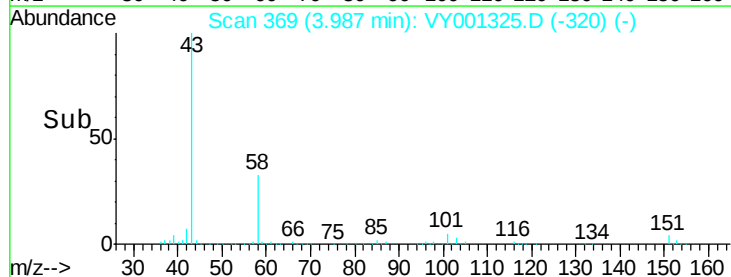
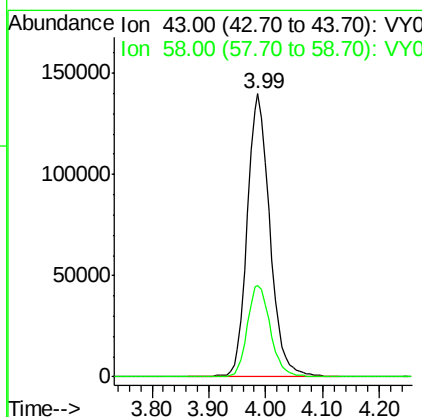
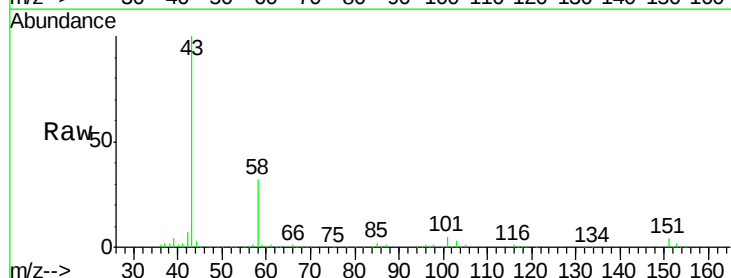
RT: 3.99 min Scan# 369

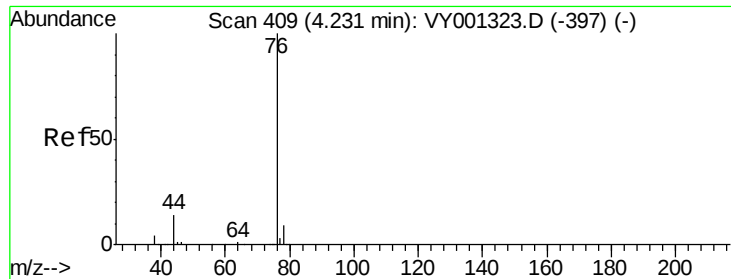
Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion:	43	Resp:	386736
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.4	38.0





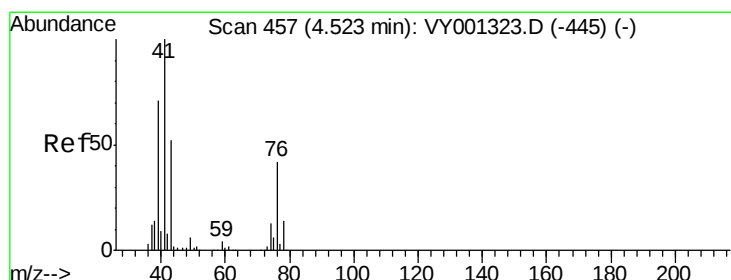
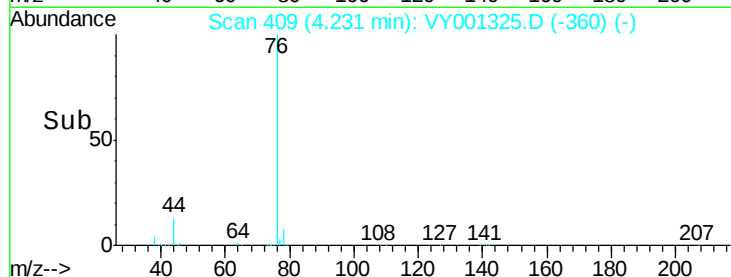
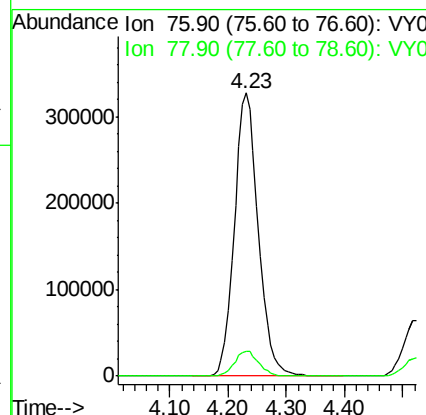
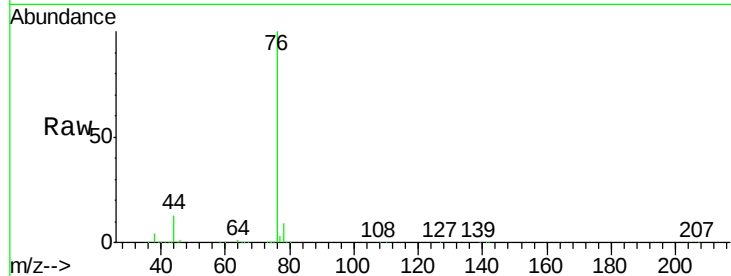
#17
Carbon Disulfide
Concen: 155.769 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

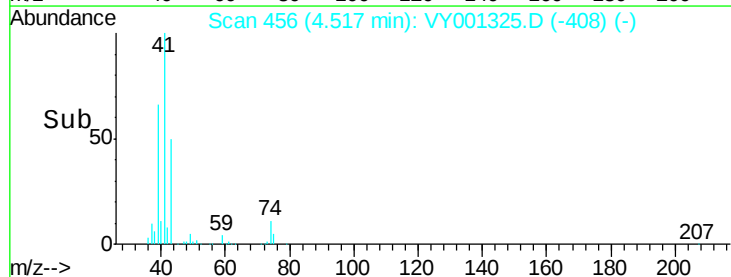
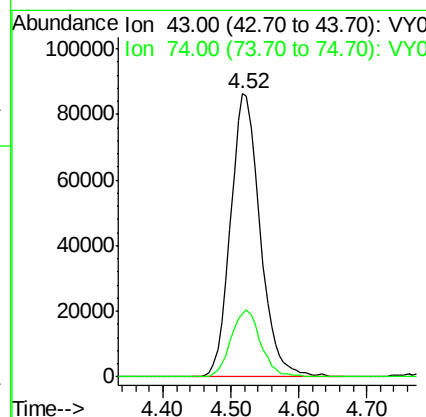
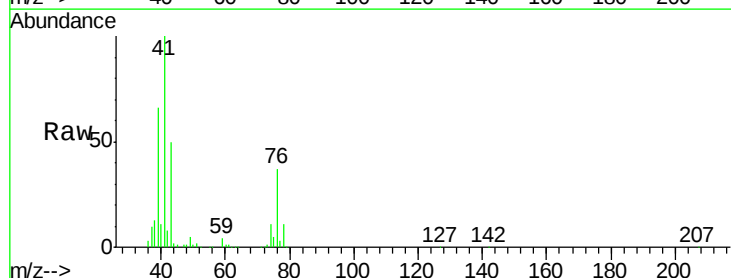
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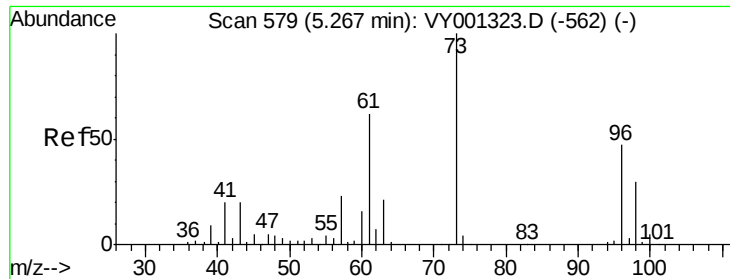
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#18
Methyl Acetate
Concen: 159.778 ug/l
RT: 4.52 min Scan# 456
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





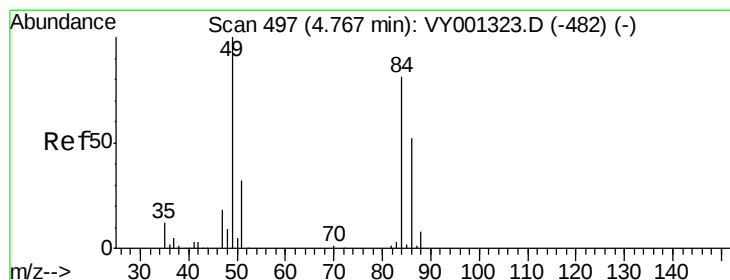
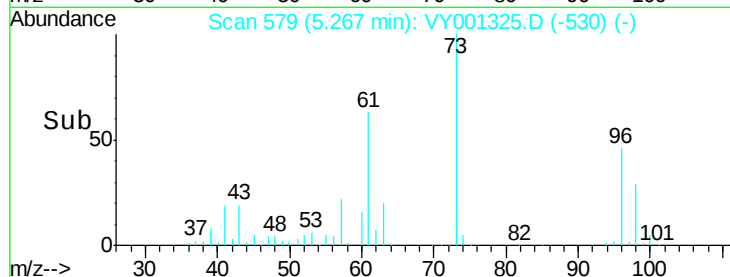
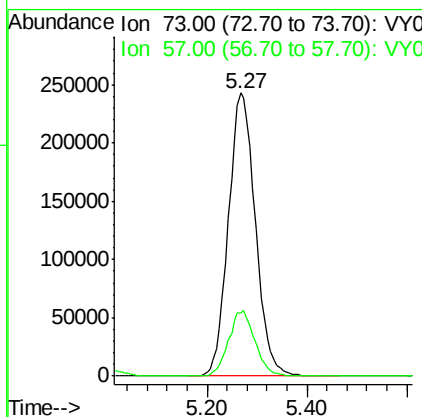
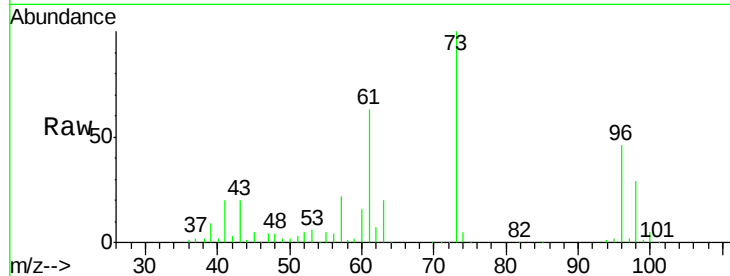
#19
Methvl tert-butvl Ether
Concen: 165.533 ug/l
RT: 5.27 min Scan# 579
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 910433
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

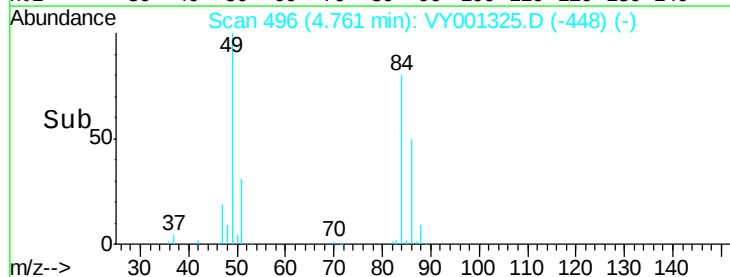
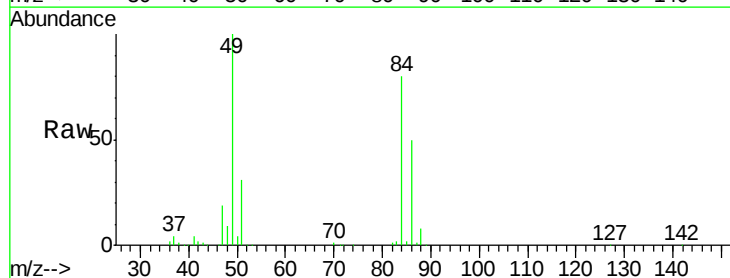
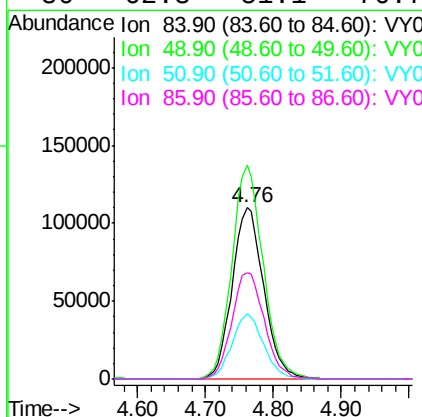
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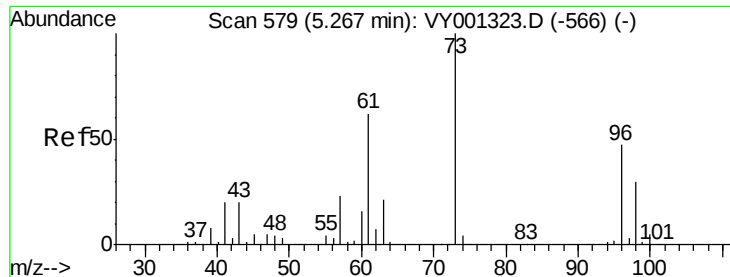
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#20
Methylene Chloride
Concen: 112.502 ug/l
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 84 Resp: 354240
Ion Ratio Lower Upper
84 100
49 125.0 98.3 147.5
51 38.4 31.6 47.4
86 62.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 158.116 ug/l

RT: 5.27 min Scan# 579

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 347820

Ion Ratio Lower Upper

96 100

61 136.5 106.8 160.2

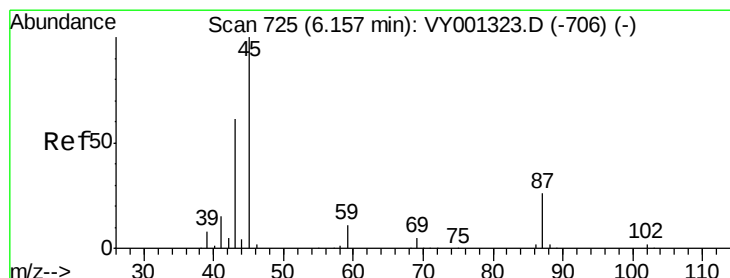
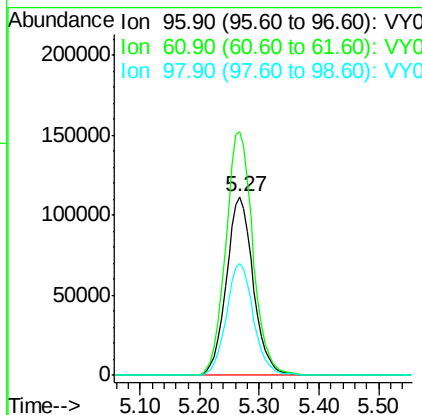
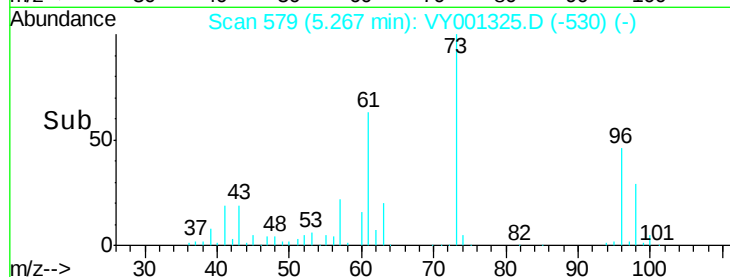
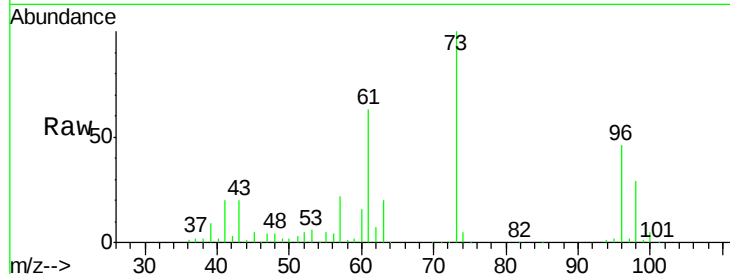
98 63.0 51.0 76.6

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#22

Diisopropyl ether

Concen: 175.051 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion: 45 Resp: 1232372

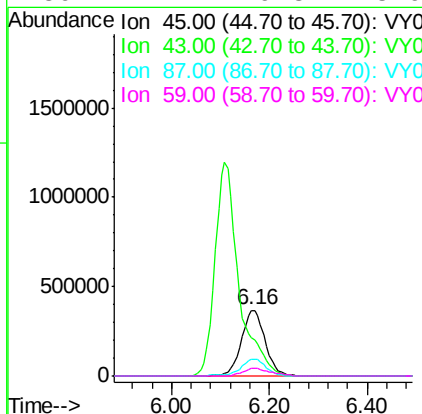
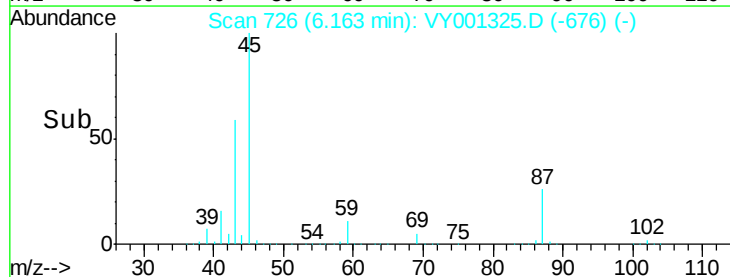
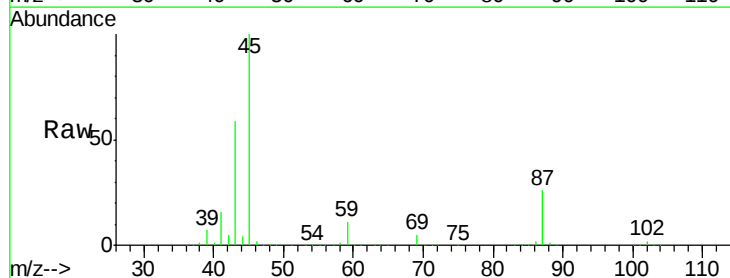
Ion Ratio Lower Upper

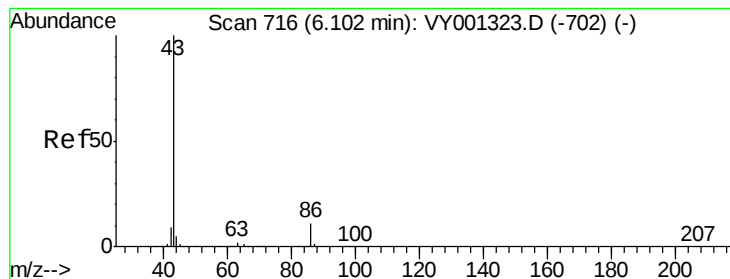
45 100

43 59.4 49.2 73.8

87 26.4 21.4 32.2

59 11.4 9.3 13.9





#23

Vinyl Acetate

Concen: 882.629 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 4027612

Ion Ratio Lower Upper

43 100

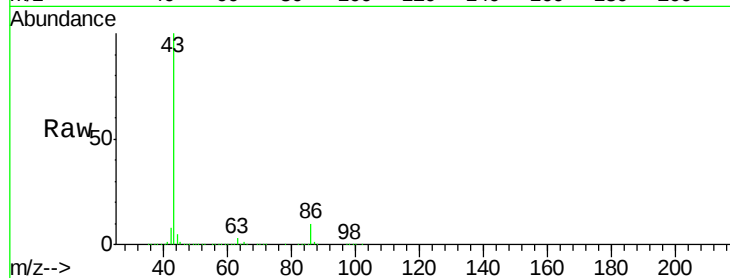
86 10.3 8.6 13.0

Manual Integrations

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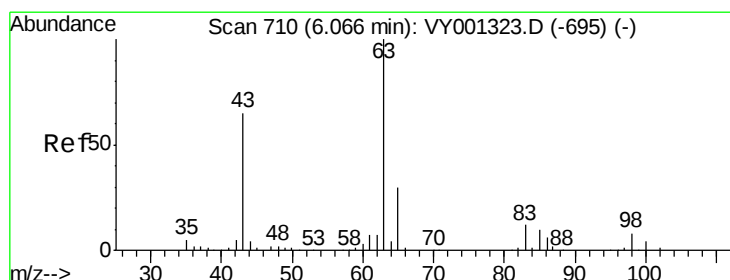
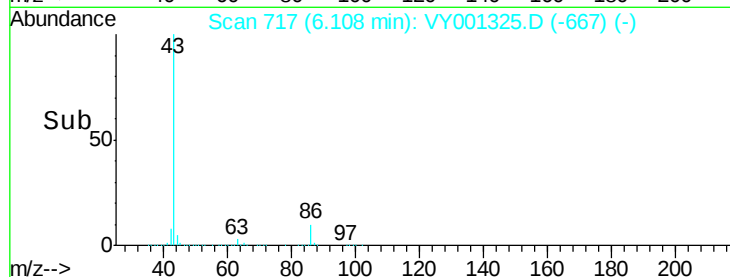
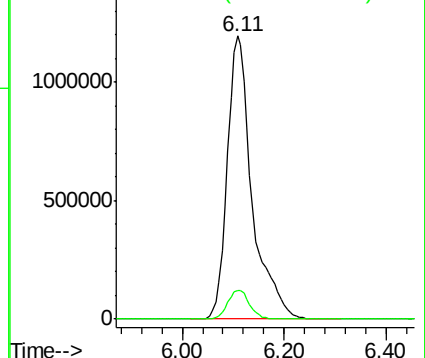
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 164.514 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

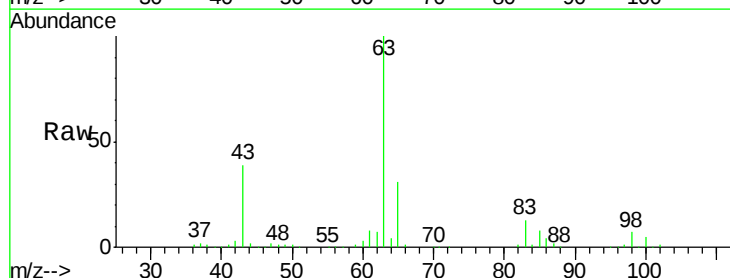
Tgt Ion: 63 Resp: 617510

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

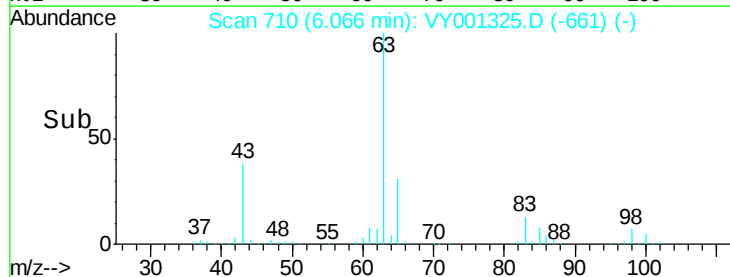
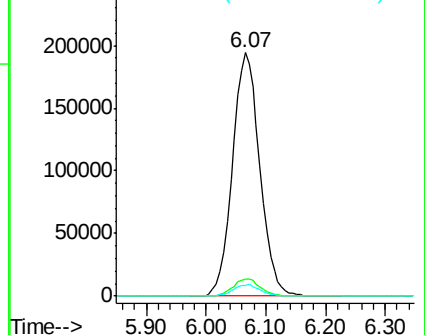
100 4.6 2.1 6.3

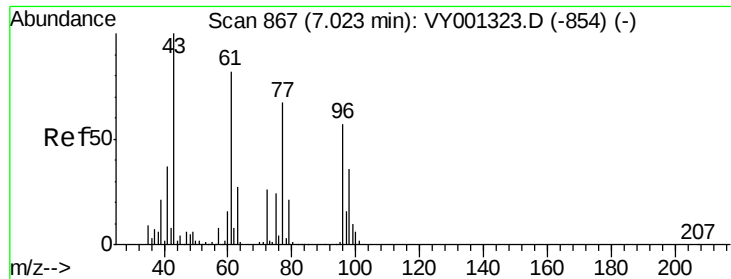


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 802.226 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 675954

Ion Ratio Lower Upper

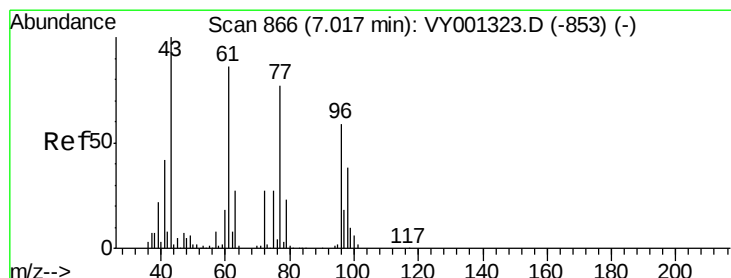
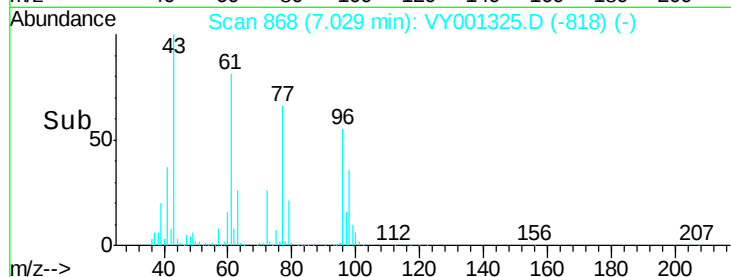
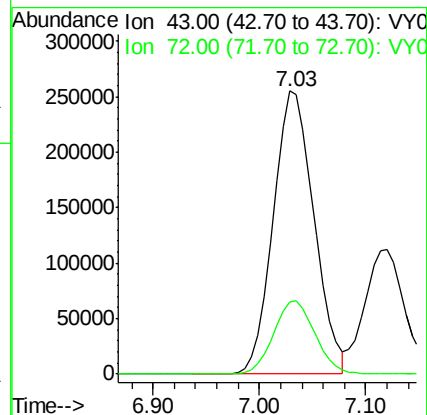
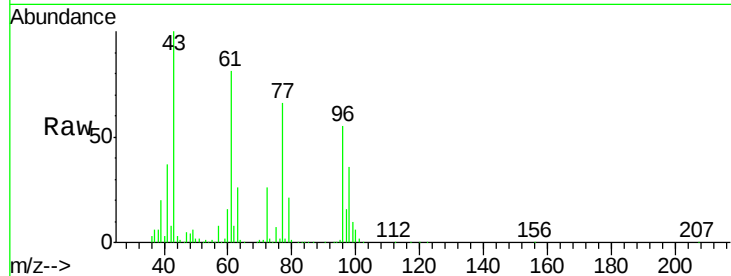
43 100

72 25.6 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 152.805 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001325.D

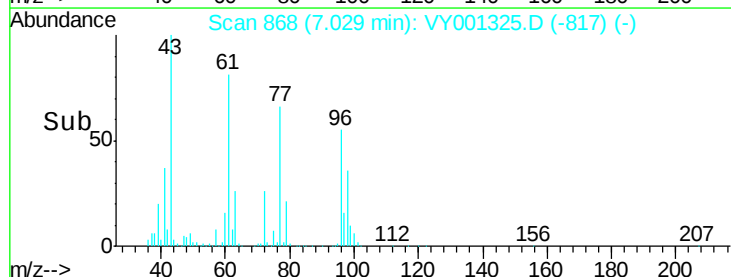
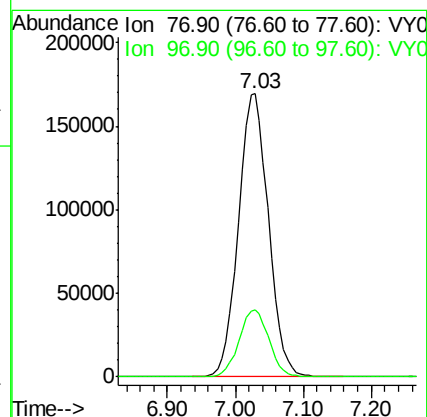
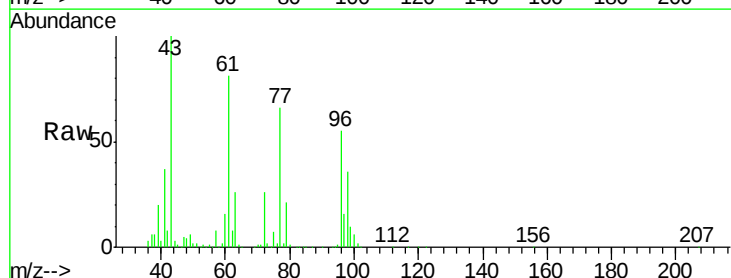
Acq: 21 Jan 2020 16:29

Tgt Ion: 77 Resp: 517527

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

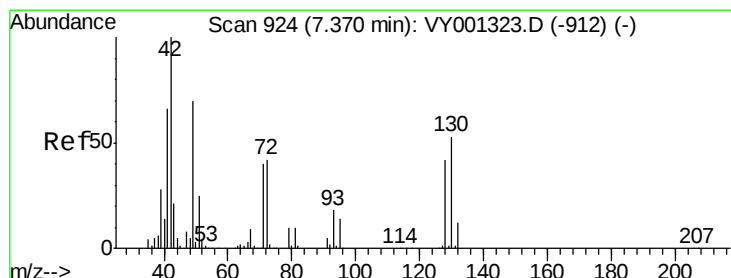
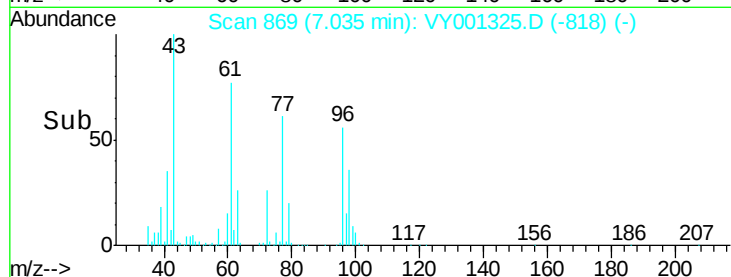
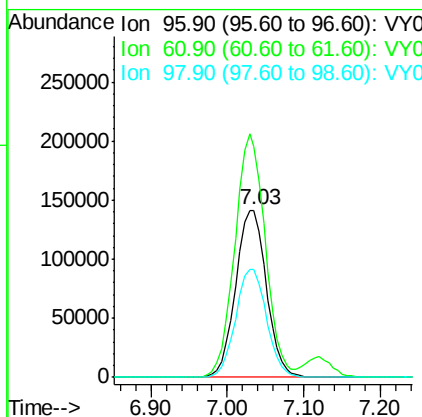
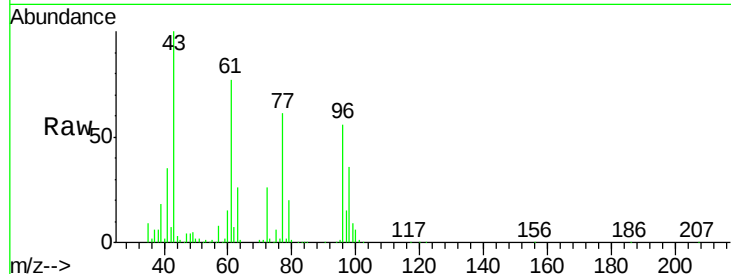
cis-1,2-Dichloroethene
Concen: 161.184 ug/l
RT: 7.03 min Scan# 869
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.2	0.0	284.8	
98	65.0	0.0	128.4	

Manual Integrations
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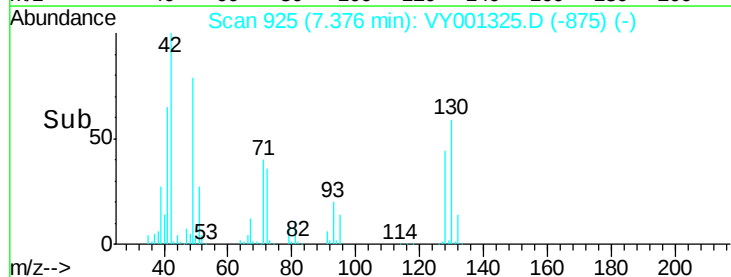
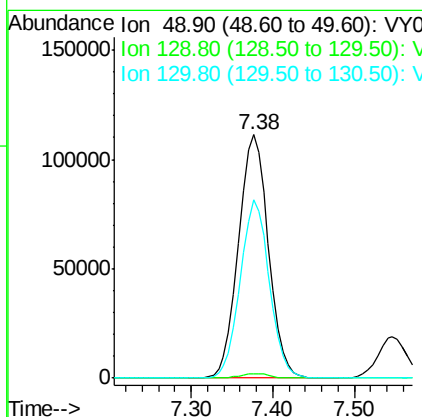
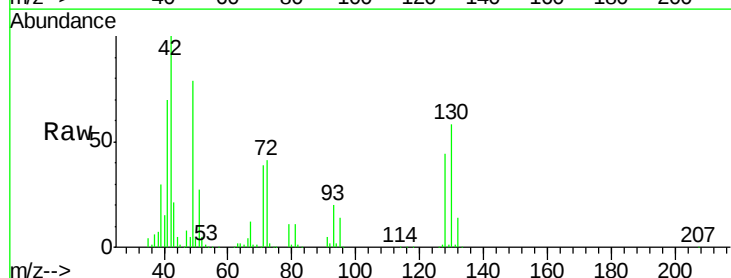
MMDadoda
1/22/2020 10:49:55 AM

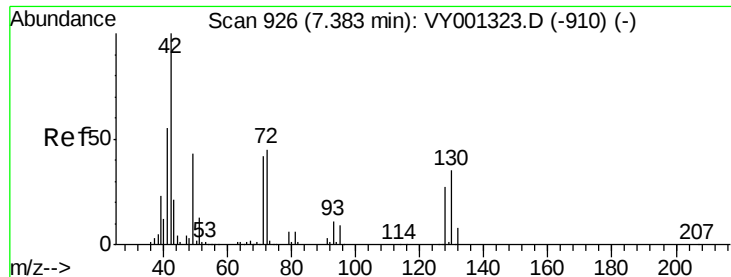


#28

Bromochloromethane
Concen: 187.291 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	71.6	58.9	88.3	





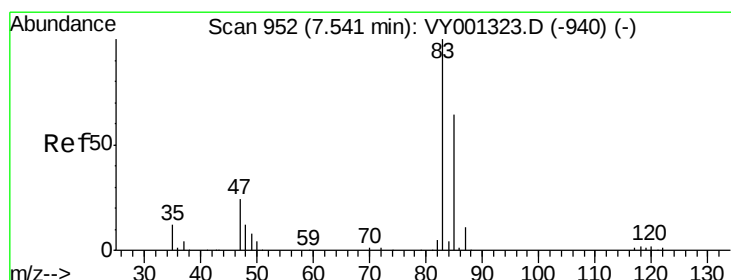
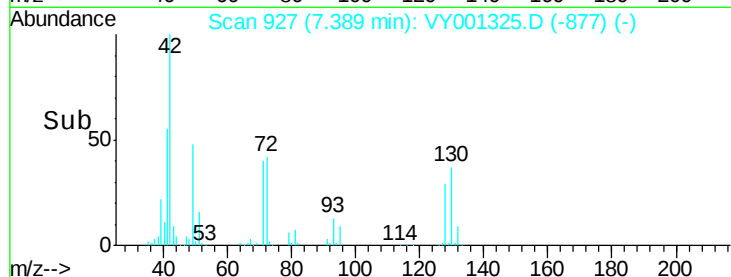
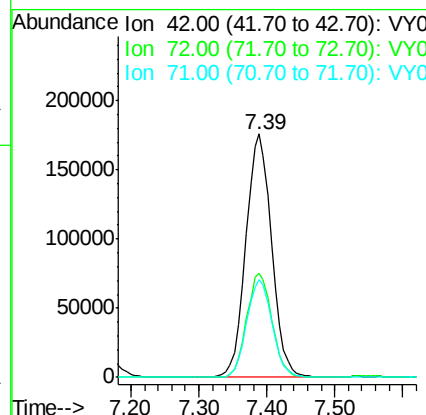
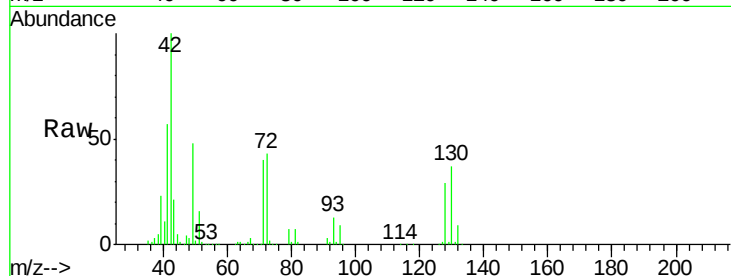
#29
Tetrahydrofuran
Concen: 852.554 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.6	51.8
71	39.6	32.6	48.8

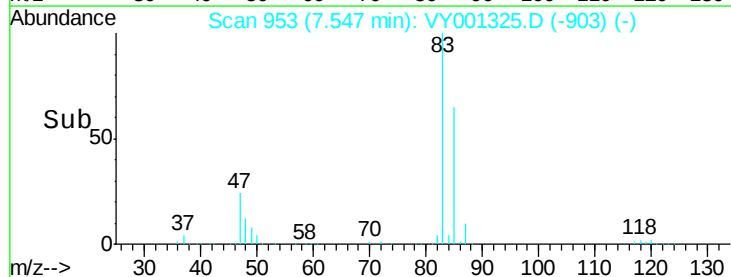
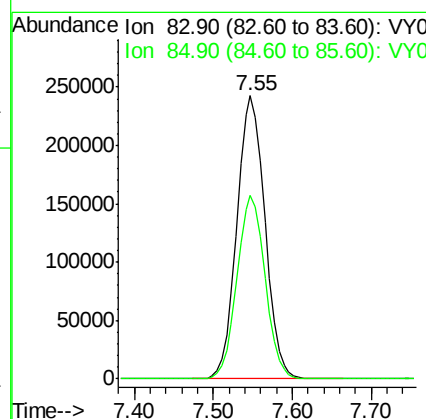
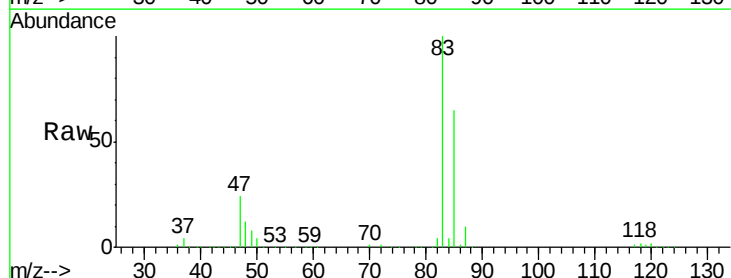
Manual Integrations
APPROVED

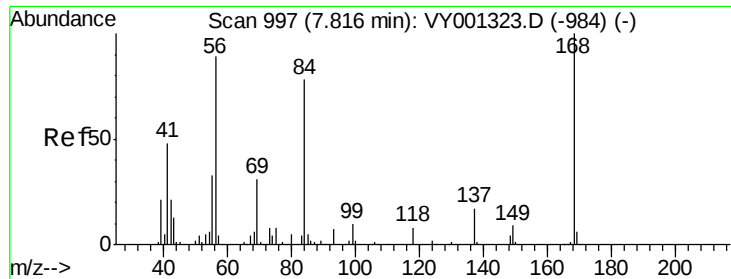
MMDadoda
1/22/2020 10:49:55 AM



#30
Chloroform
Concen: 162.571 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3





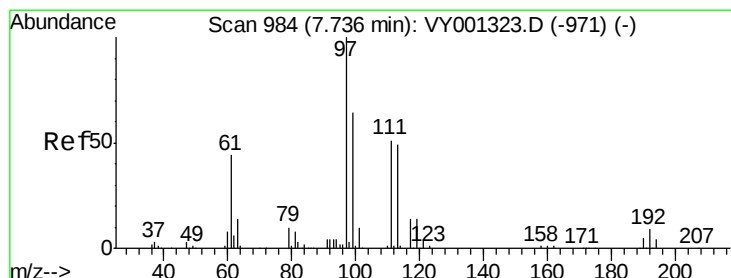
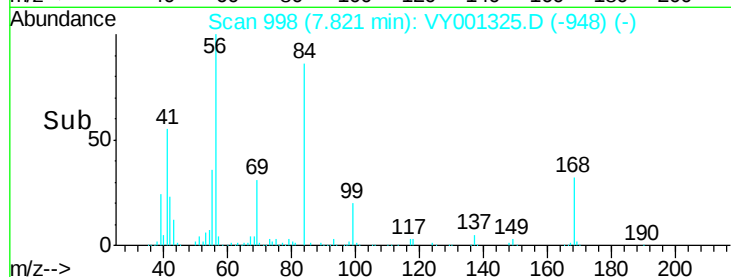
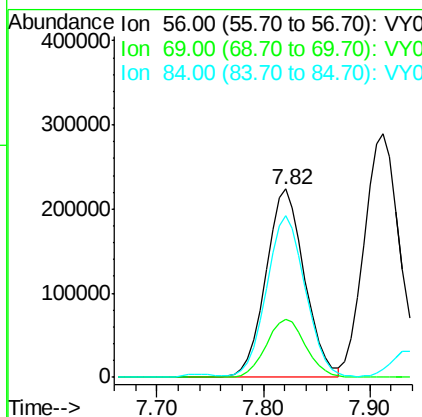
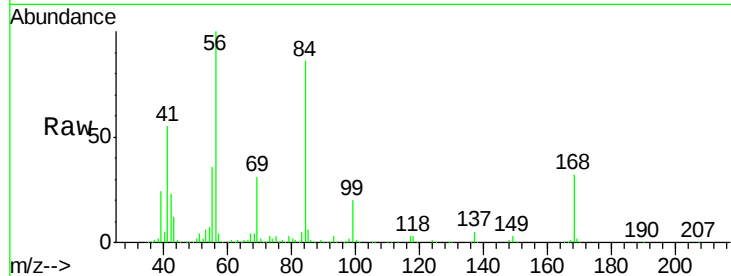
#31
Cyclohexane
Concen: 148.786 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	27.6	41.4
84	85.0	69.7	104.5

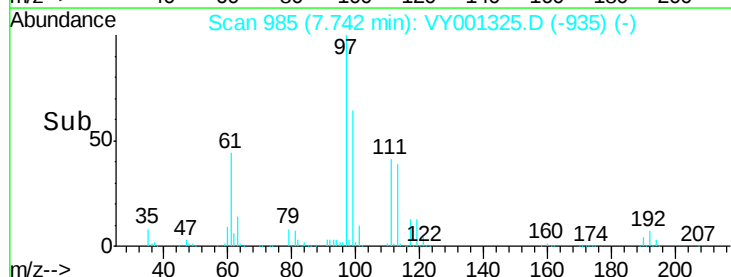
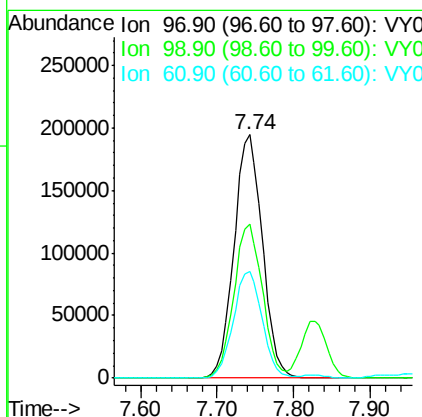
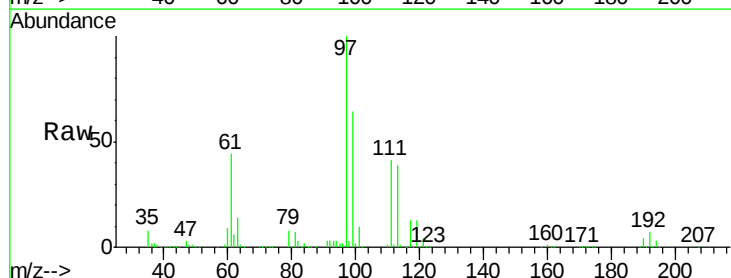
Manual Integrations
APPROVED

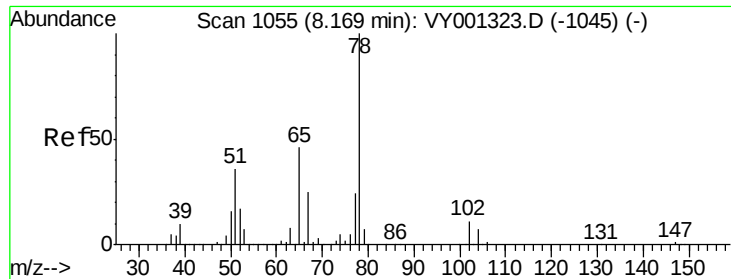
MMDadoda
1/22/2020 10:49:55 AM



#32
1,1,1-Trichloroethane
Concen: 160.446 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	44.3	35.9	53.9





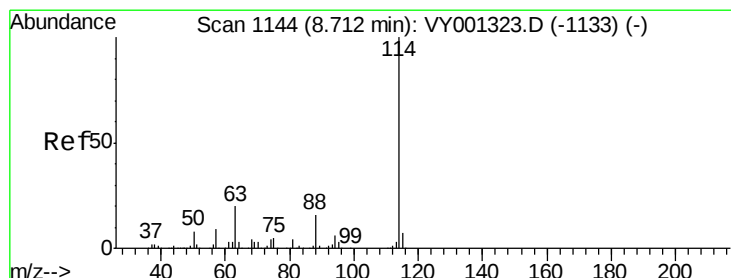
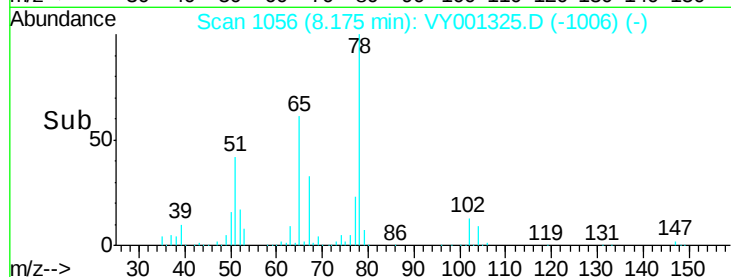
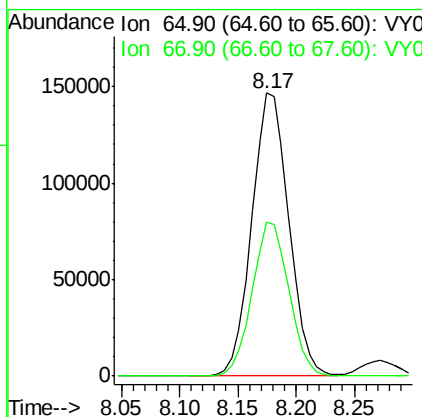
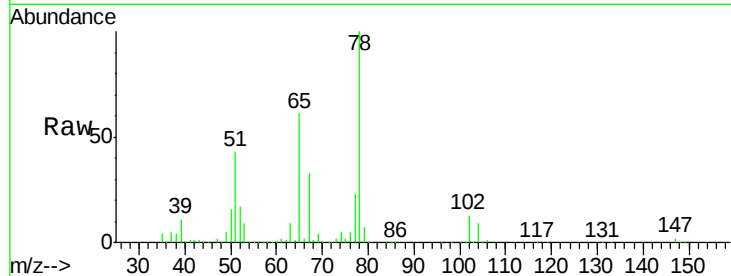
#33
 1,2-Dichloroethane-d4
 Concen: 168.432 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	323227		
67	54.2	0.0	108.6	

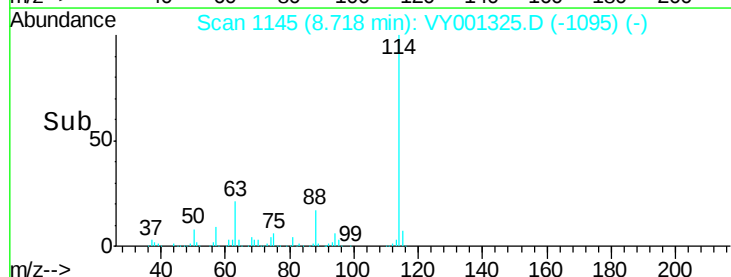
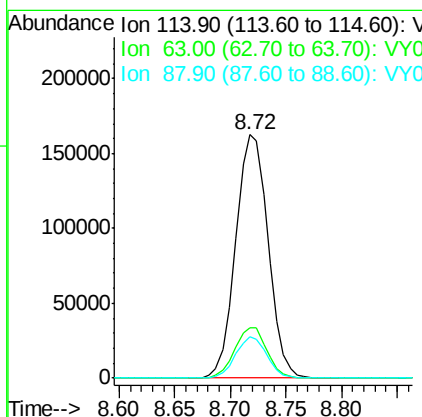
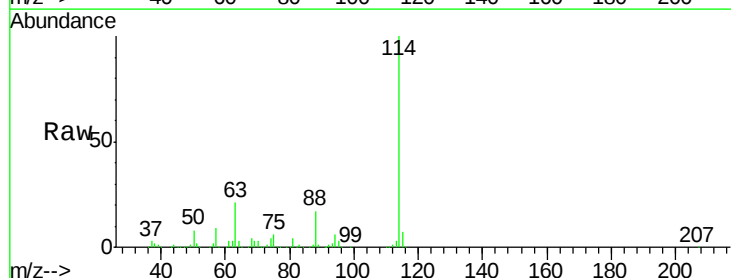
Manual Integrations
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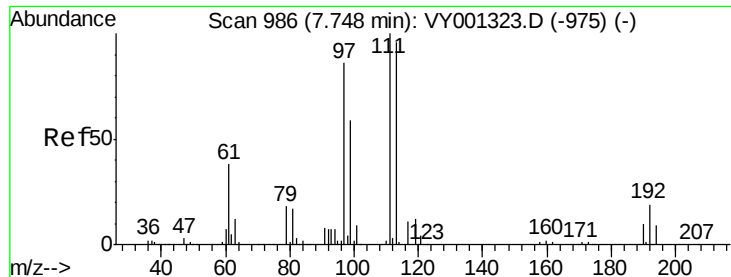
MMDadoda
 1/22/2020 10:49:55 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	327360		
63	20.6	0.0	40.8	
88	16.8	0.0	31.0	





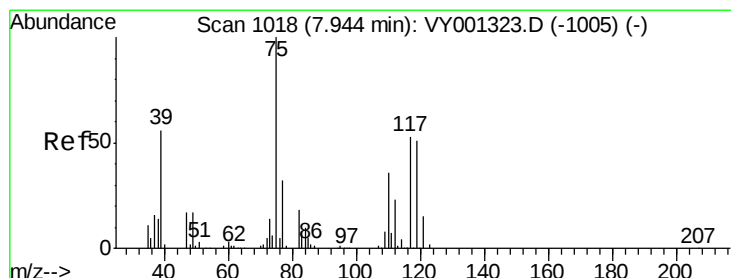
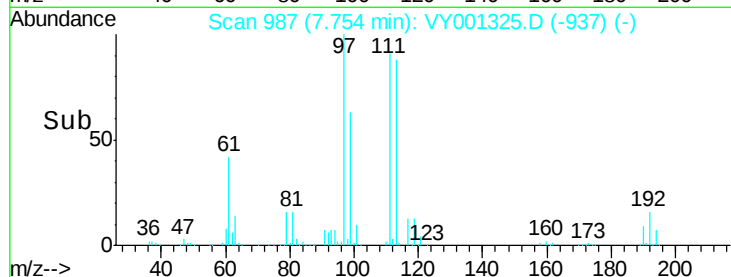
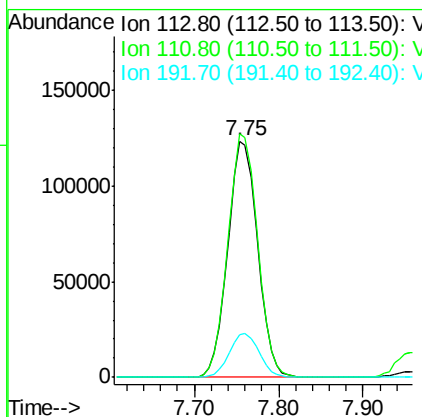
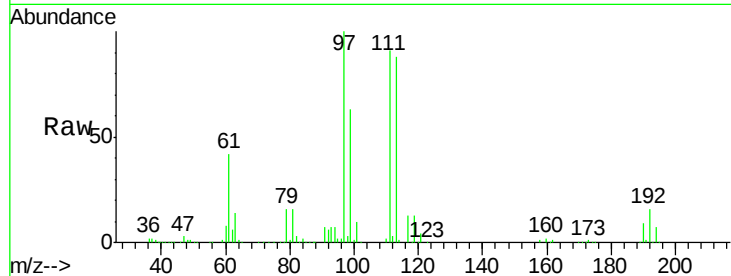
#35
Dibromofluoromethane
Concen: 154.400 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	295209		
111	102.8	82.8	124.2	
192	18.5	15.5	23.3	

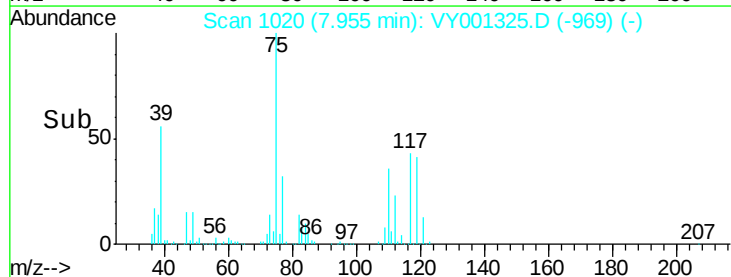
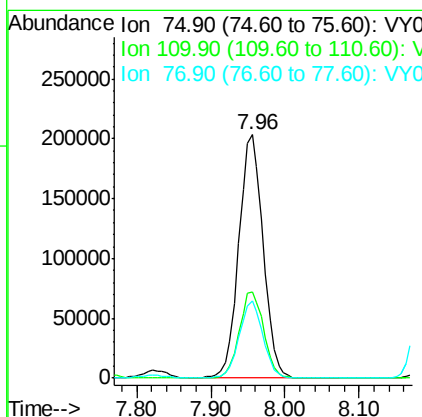
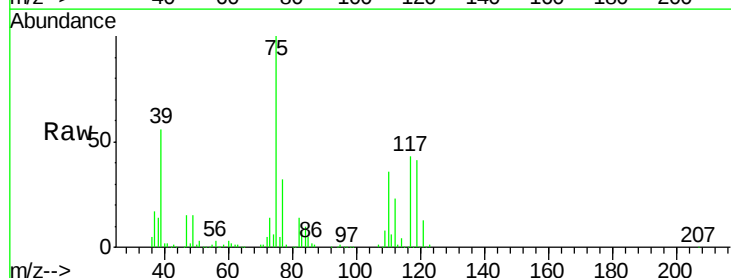
Manual Integrations
APPROVED

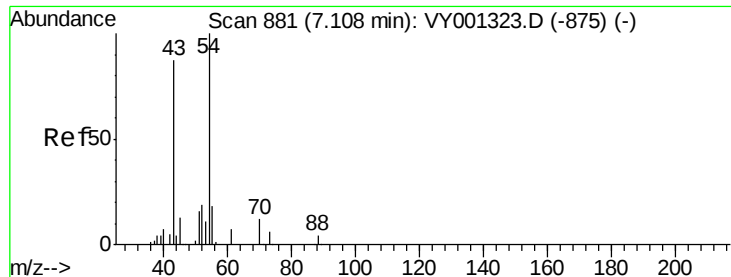
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1/22/2020 10:49:55 AM



#36
1,1-Dichloropropene
Concen: 150.954 ug/l
RT: 7.96 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	466367		
110	35.6	17.6	52.8	
77	31.1	24.7	37.1	





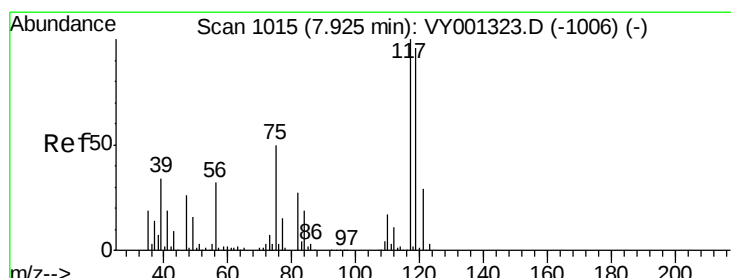
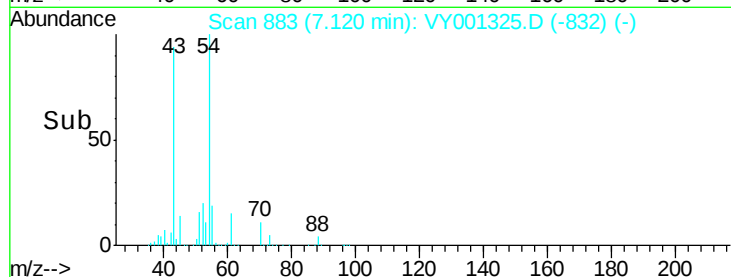
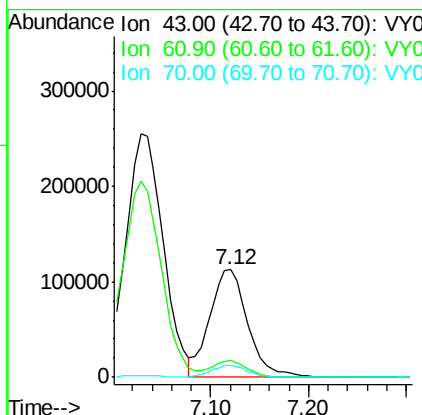
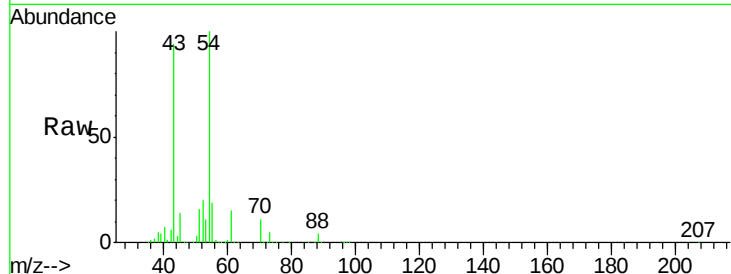
#37
Ethyl Acetate
Concen: 162.427 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.0	8.7	13.1

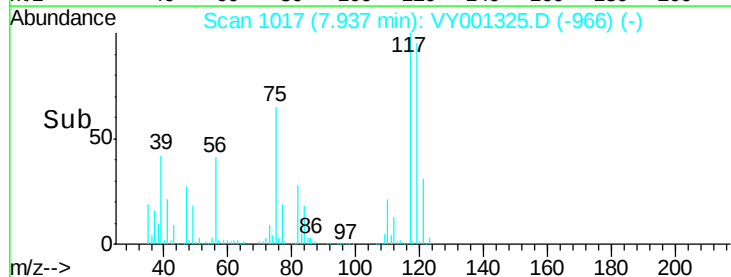
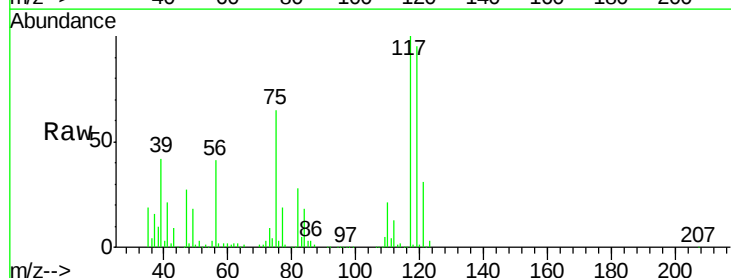
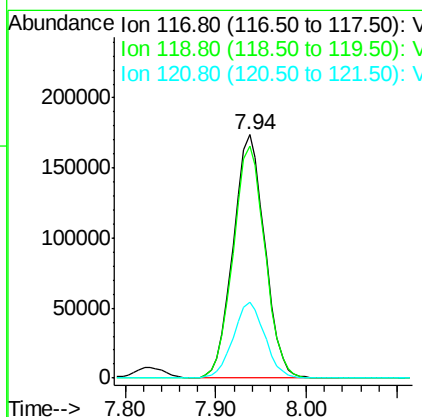
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 153.030 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.3	114.5
121	31.4	23.5	35.3





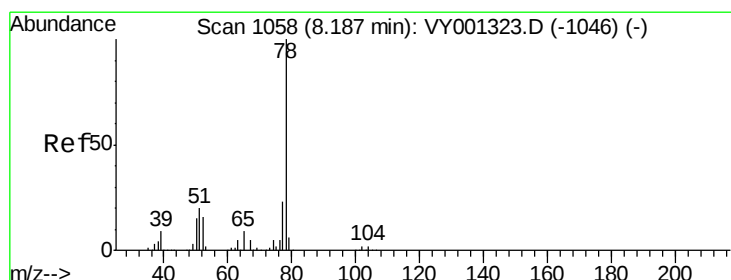
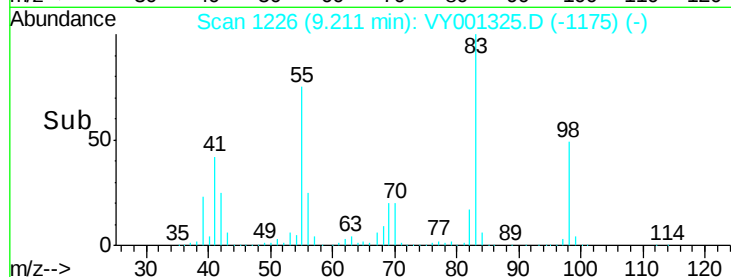
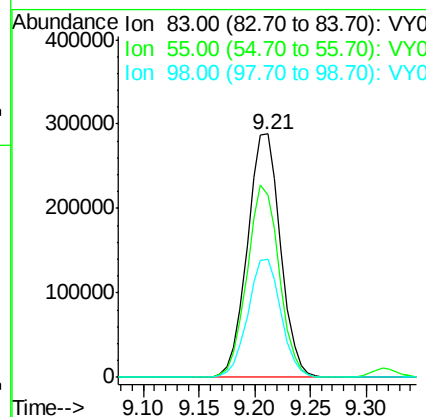
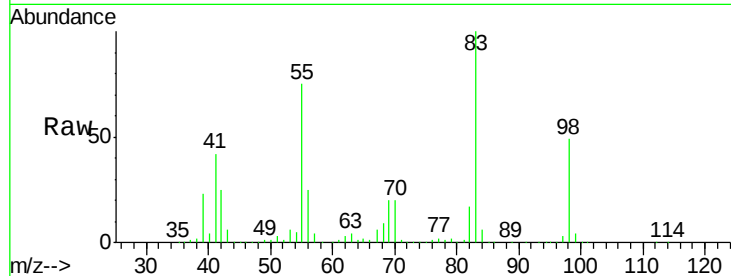
#39
Methvlcvclohexane
Concen: 150.541 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	60.7	91.1
98	48.7	37.8	56.8

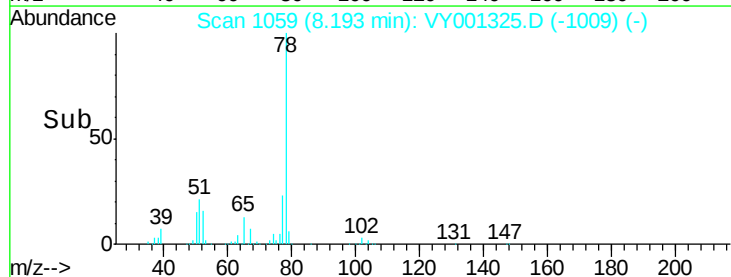
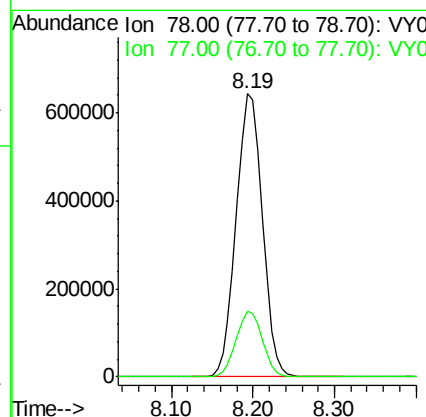
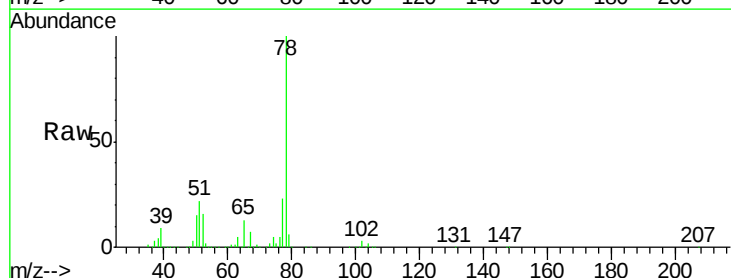
Manual Integrations
APPROVED

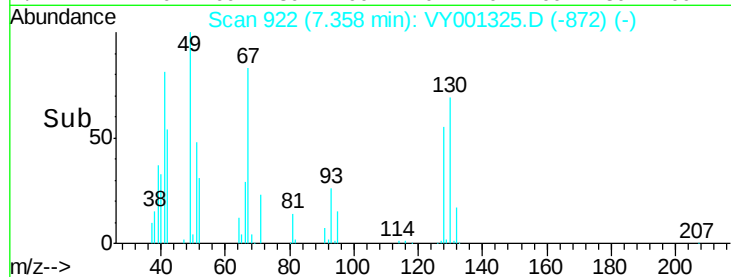
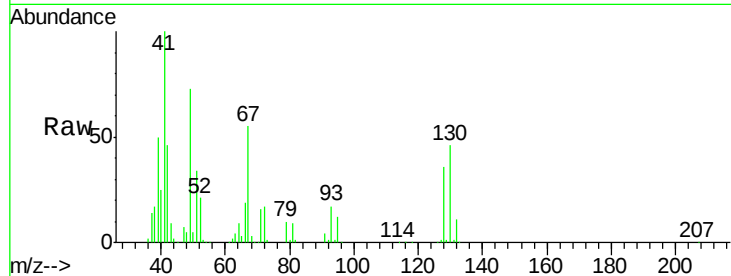
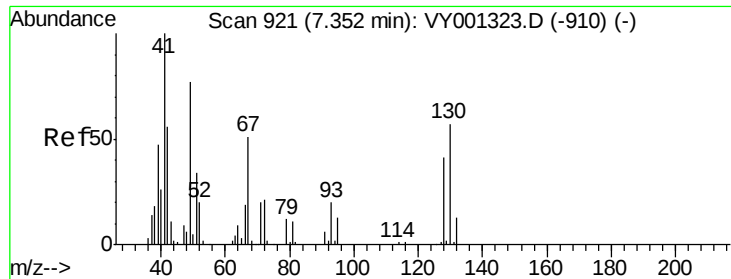
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1/22/2020 10:49:55 AM



#40
Benzene
Concen: 154.540 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





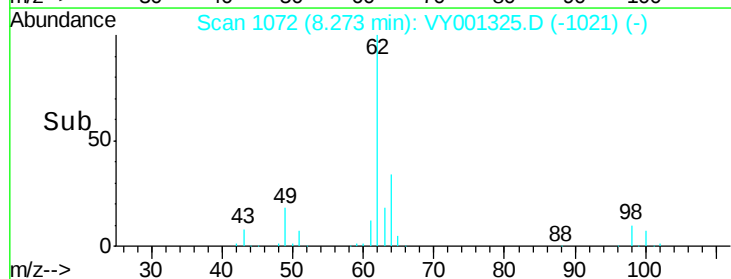
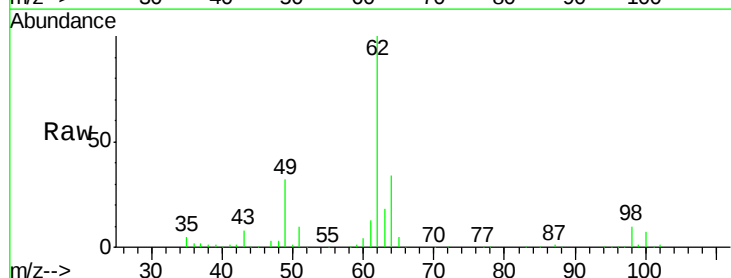
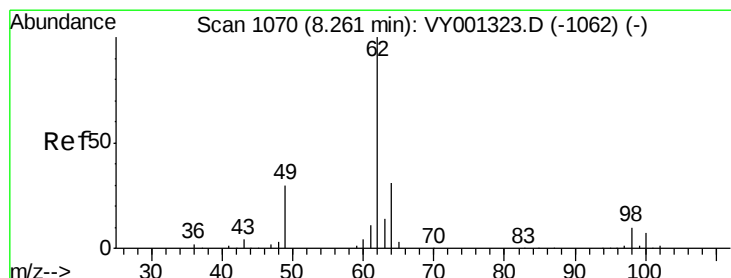
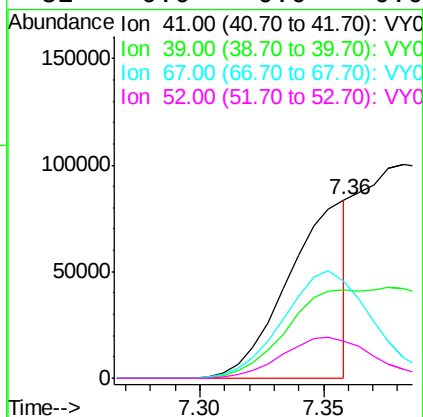
#41
Methacrylonitrile
Concen: 142.935 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	136.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

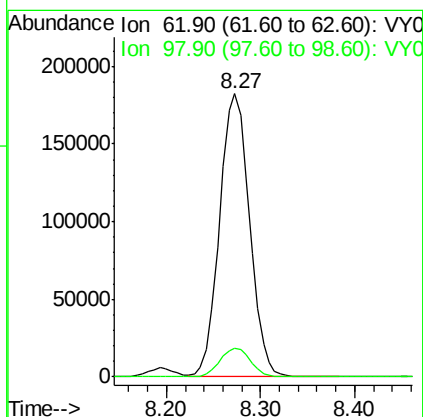
Manual Integrations
APPROVED

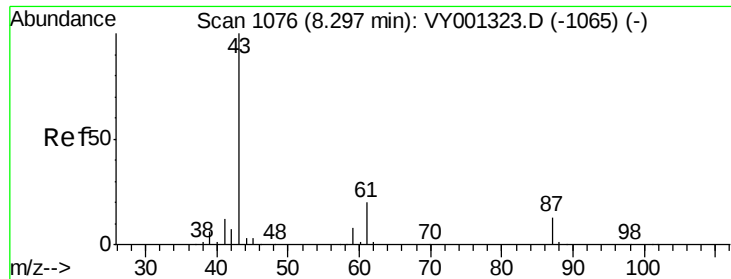
MMDadoda
1/22/2020 10:49:55 AM



#42
1,2-Dichloroethane
Concen: 156.485 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





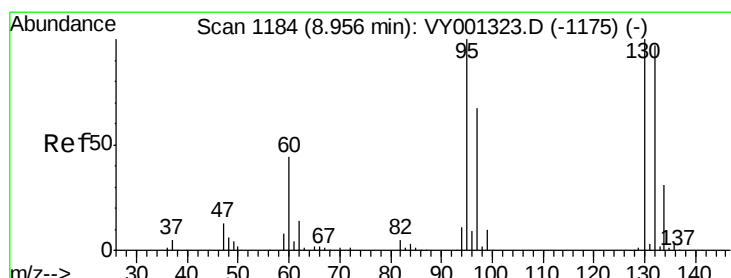
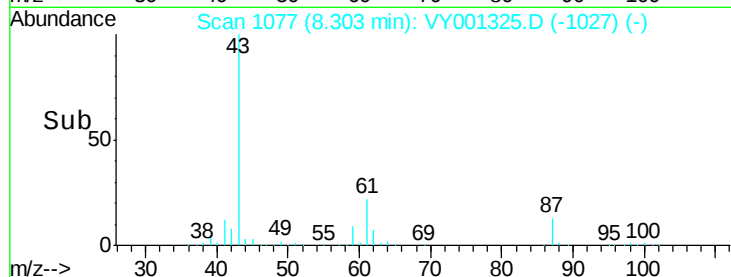
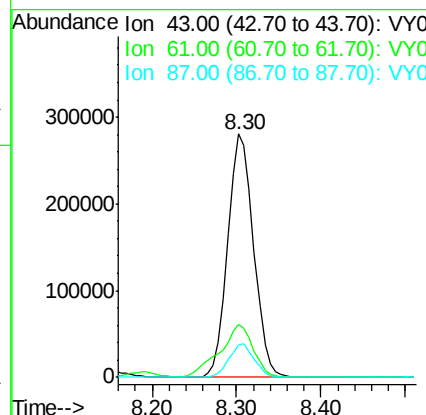
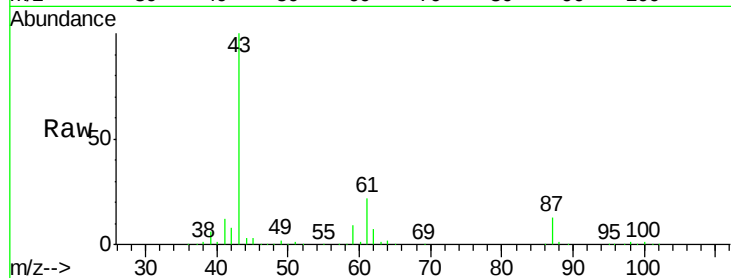
#43
Isopropyl Acetate
Concen: 162.543 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	22.7	34.1
87	13.5	11.0	16.4

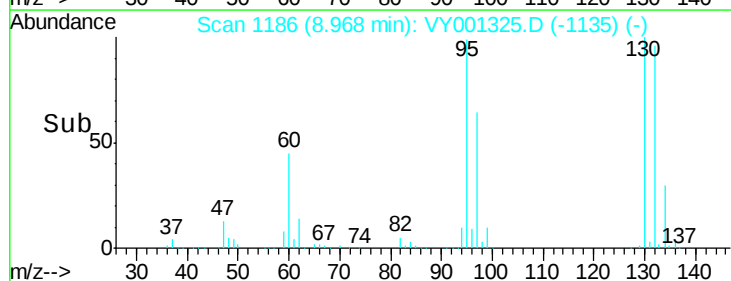
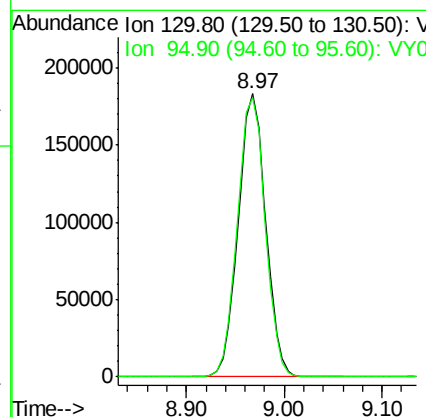
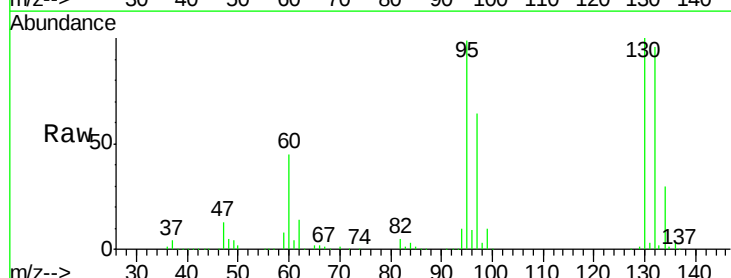
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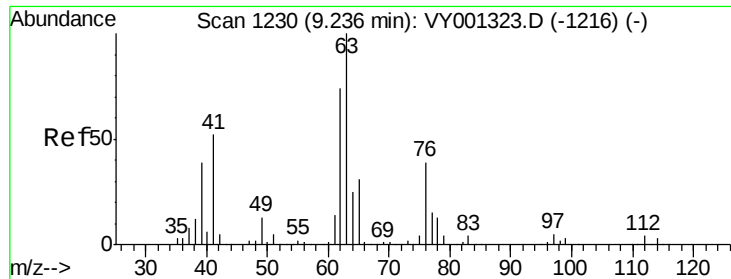
MMDadoda
1/22/2020 10:49:55 AM



#44
Trichloroethene
Concen: 150.259 ug/l
RT: 8.97 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	200.0





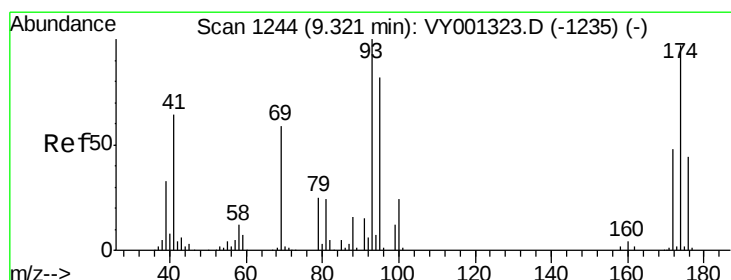
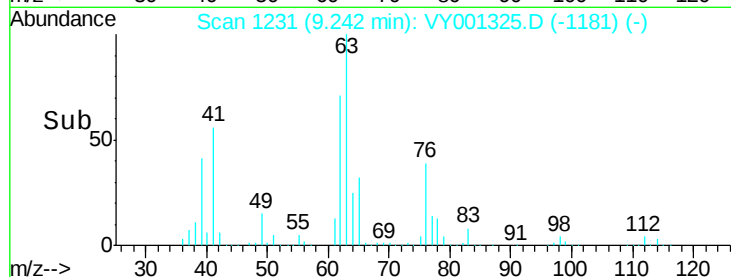
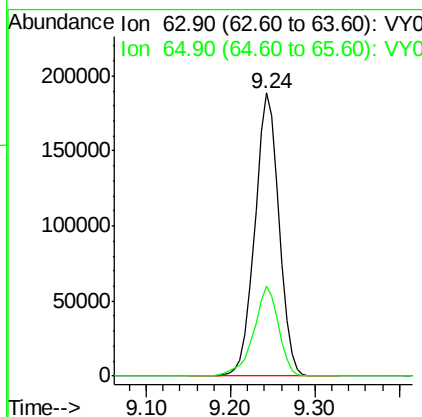
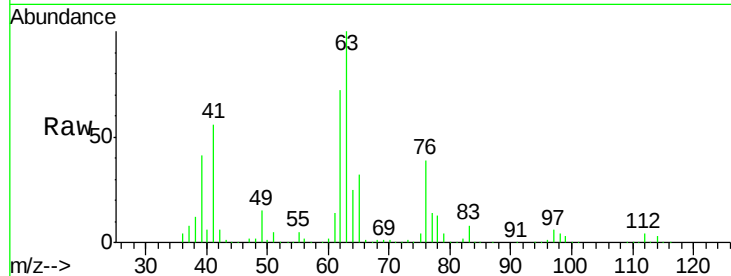
#45
 1,2-Dichloropropane
 Concen: 157.638 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 366432
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.9 37.3

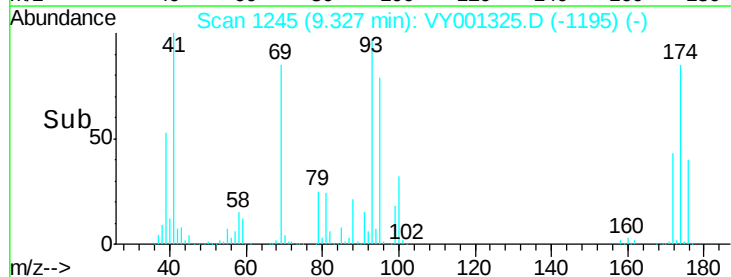
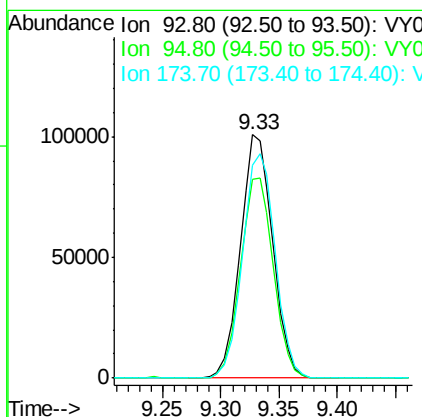
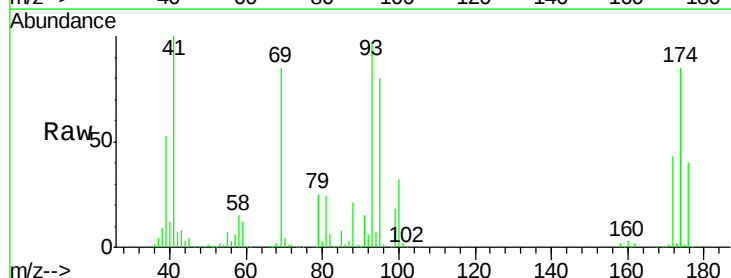
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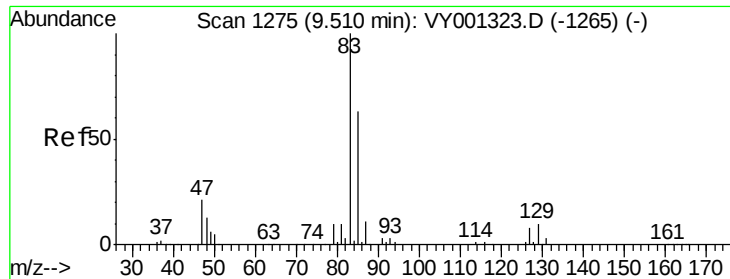
MMDadoda
 1/22/2020 10:49:55 AM



#46
 Dibromomethane
 Concen: 155.496 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion: 93 Resp: 194506
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.5 99.7
 174 93.4 77.9 116.9





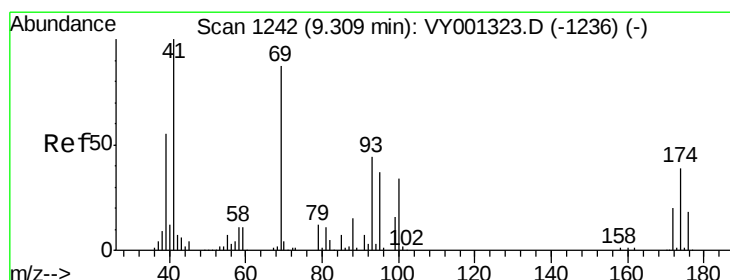
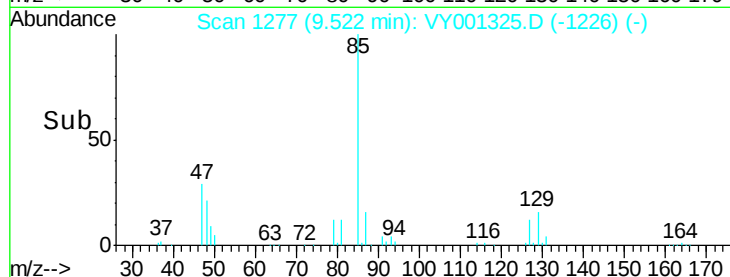
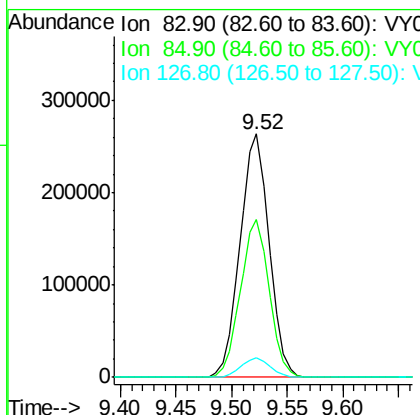
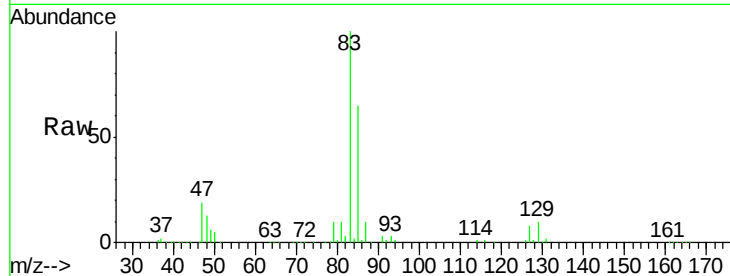
#47
Bromodichloromethane
Concen: 160.319 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	476854		
85	64.9	50.2	75.2	
127	8.0	6.4	9.6	

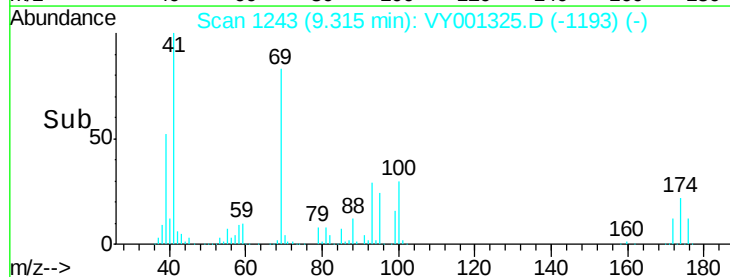
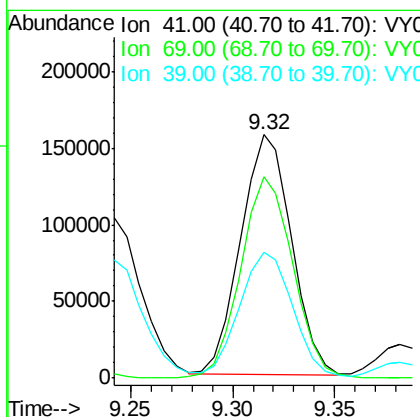
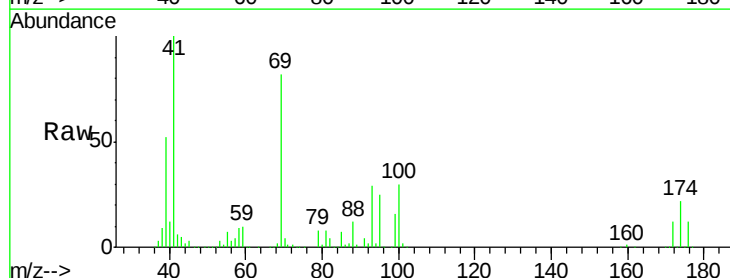
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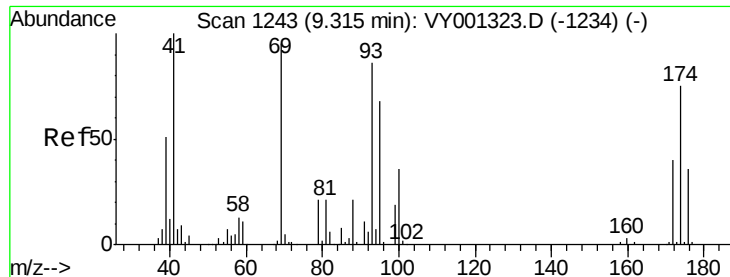
MMDadoda
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#48
Methyl methacrylate
Concen: 165.432 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	271668		
69	85.7	70.2	105.4	
39	54.9	45.7	68.5	





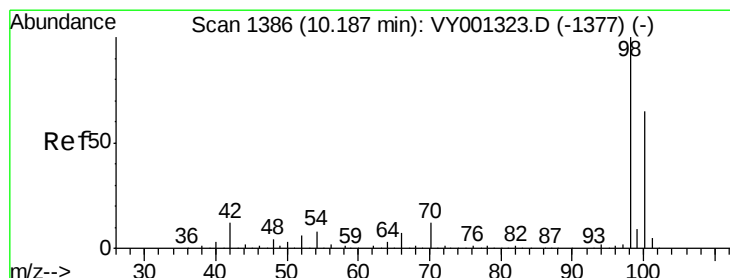
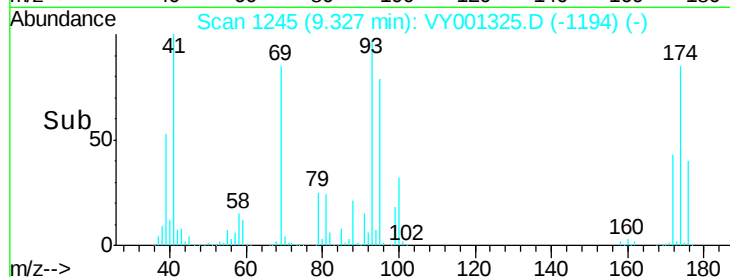
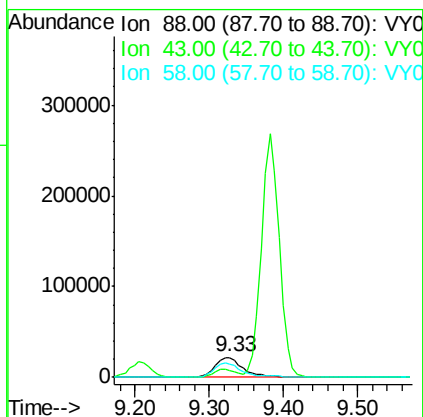
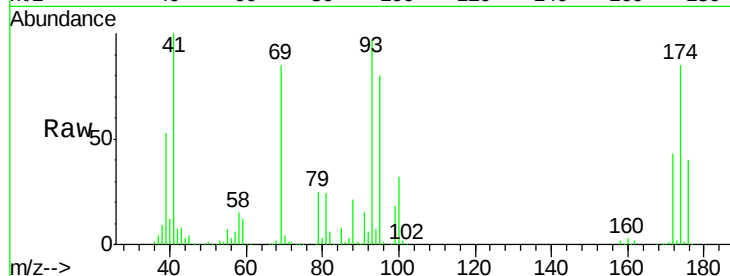
#49
1,4-Dioxane
Concen: 3265.767 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	57116
Ion	Ratio	Lower	Upper
88	100		
43	32.5	28.2	42.2
58	74.1	55.6	83.4

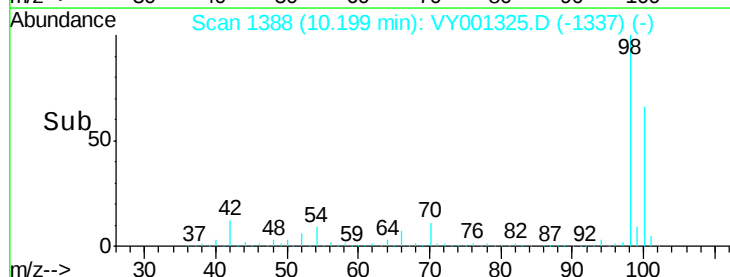
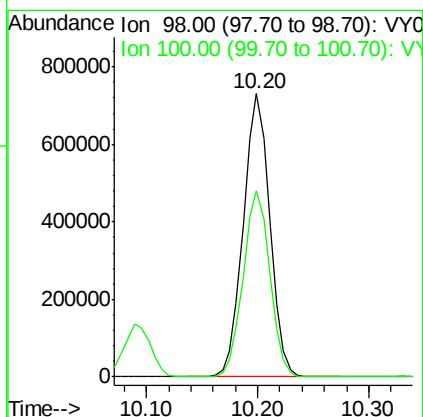
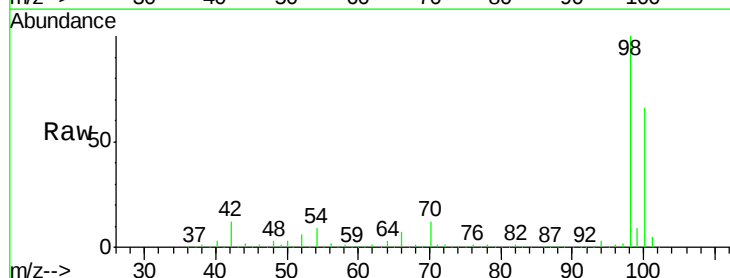
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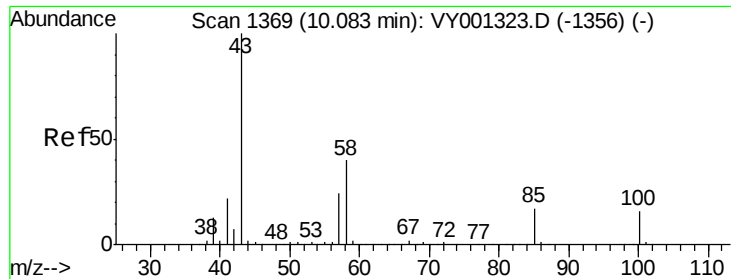
MMDadoda
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#50
Toluene-d8
Concen: 164.287 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	98	Resp	1207188
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





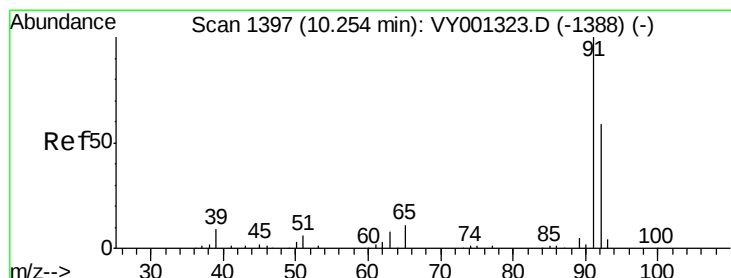
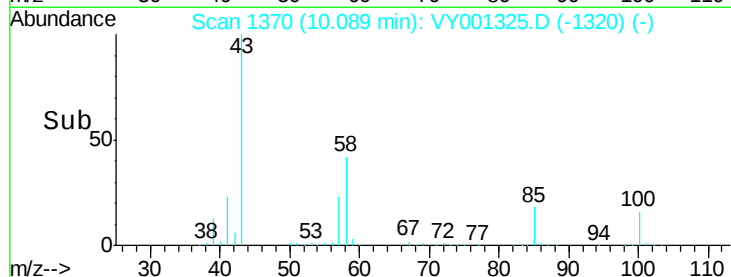
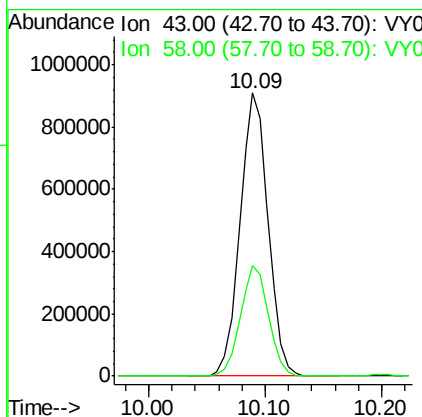
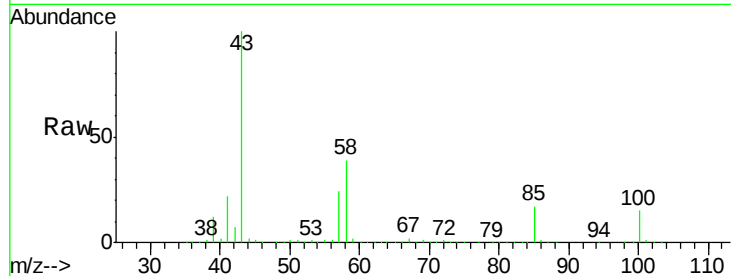
#51
4-Methyl-2-Pentanone
Concen: 815.234 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1520530
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3

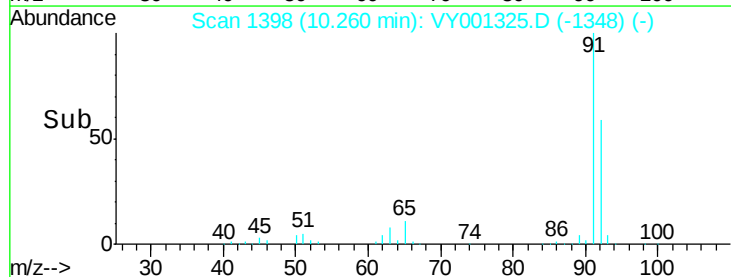
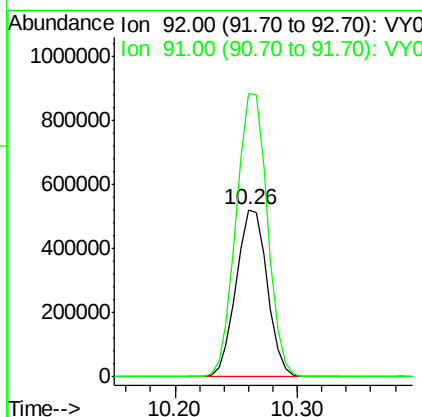
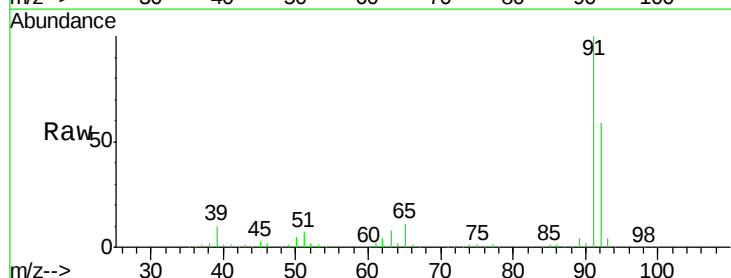
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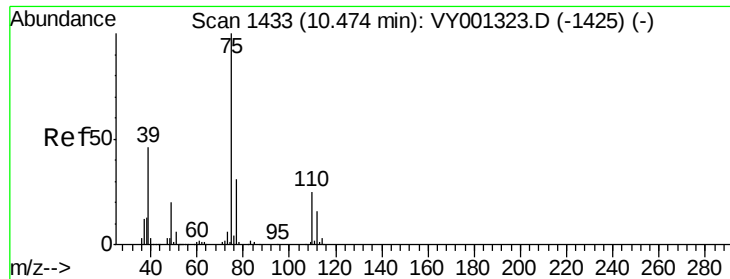
MMDadoda
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#52
Toluene
Concen: 156.771 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 92 Resp: 914678
Ion Ratio Lower Upper
92 100
91 171.1 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 164.956 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 541077

Ion Ratio Lower Upper

75 100

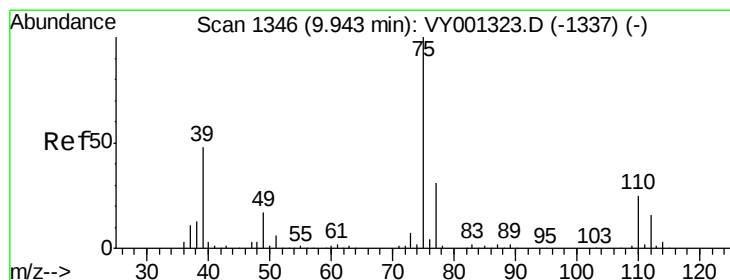
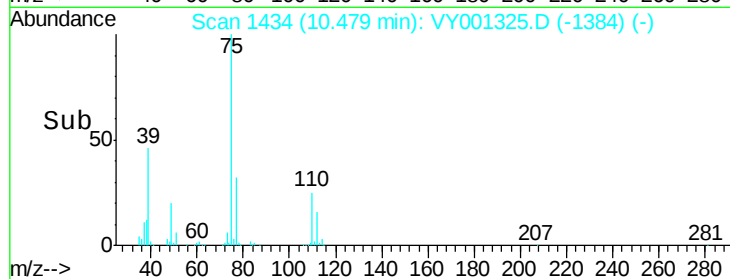
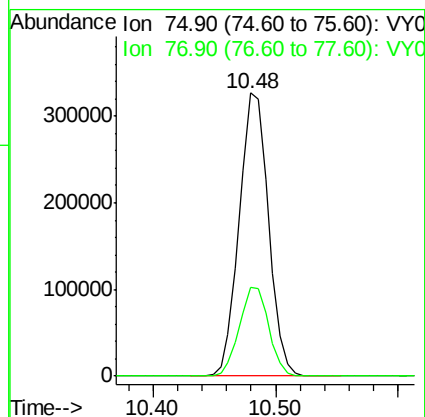
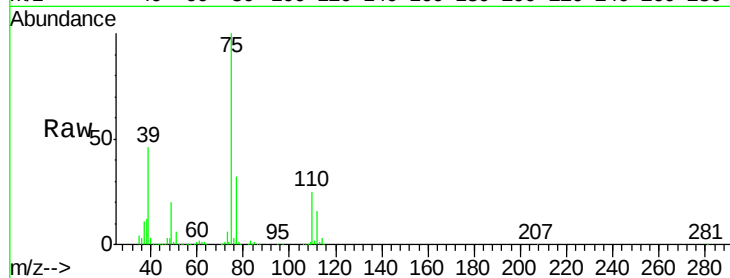
77 31.5 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 159.963 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

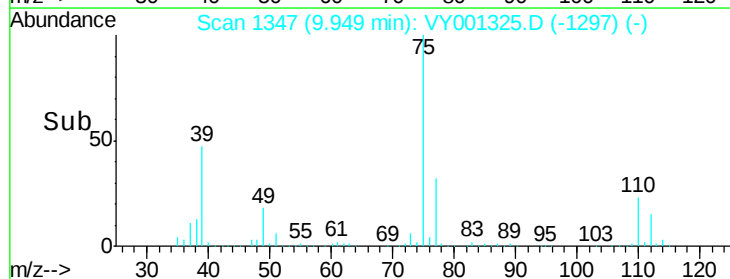
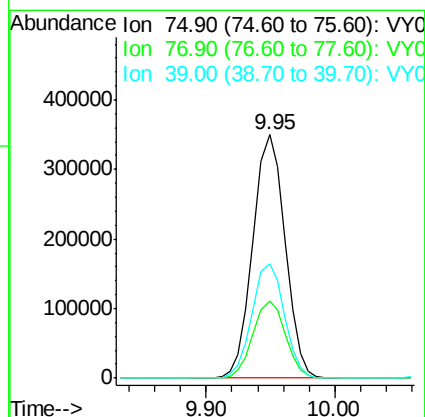
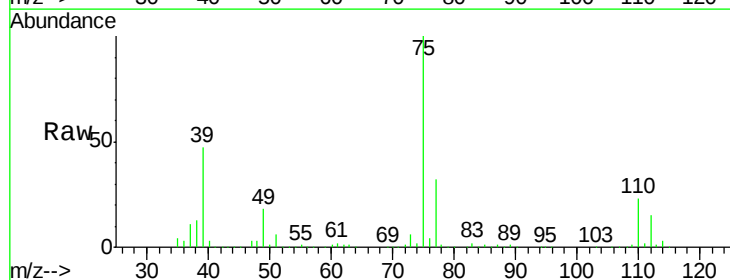
Tgt Ion: 75 Resp: 605547

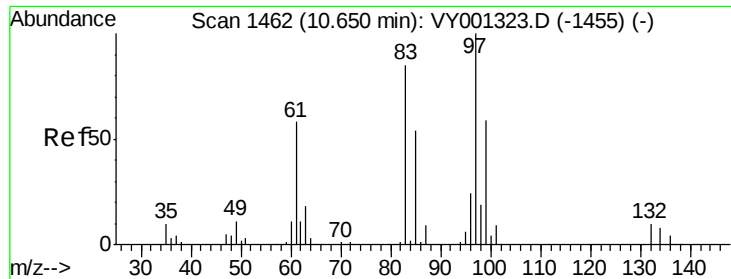
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6

39 47.1 38.2 57.4





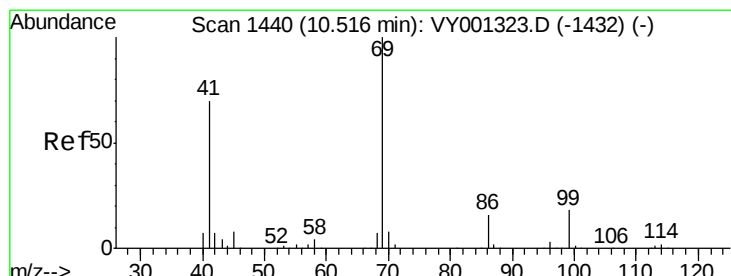
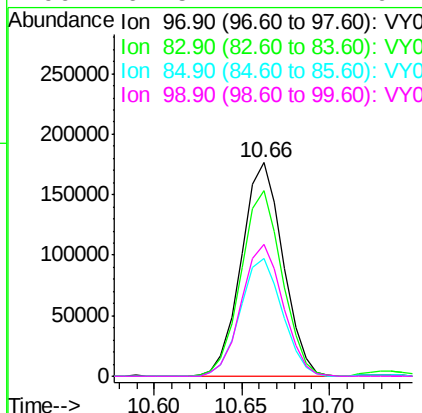
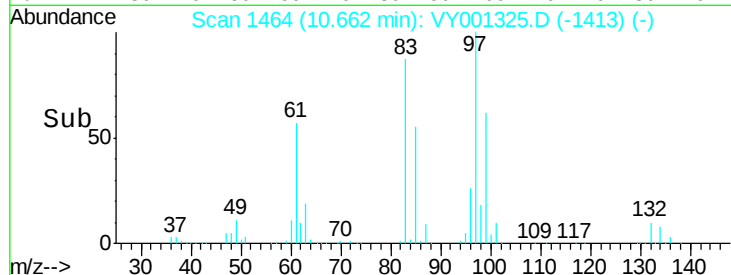
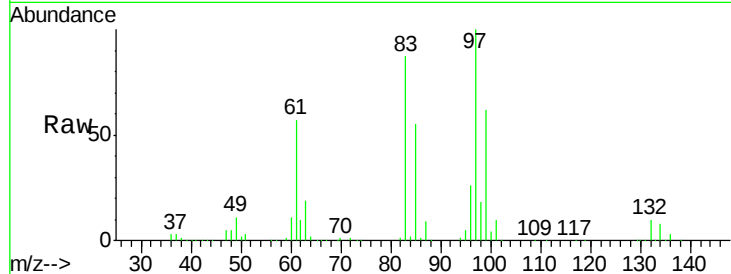
#55
 1,1,2-Trichloroethane
 Concen: 158.670 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	97	Resp	291925
Ion Ratio	Lower	Upper	
97	100		
83	86.6	68.0	102.0
85	55.4	43.6	65.4
99	61.5	47.1	70.7

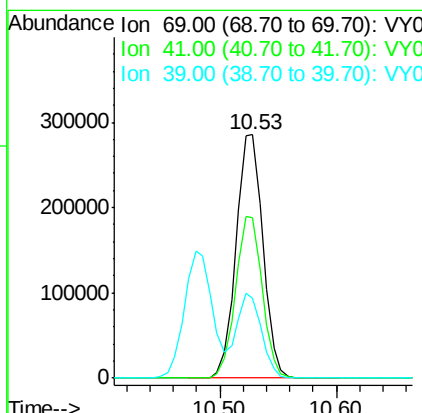
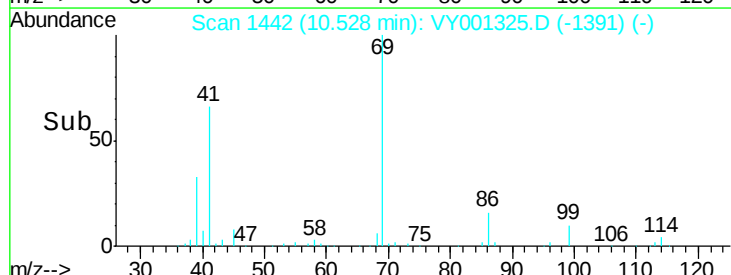
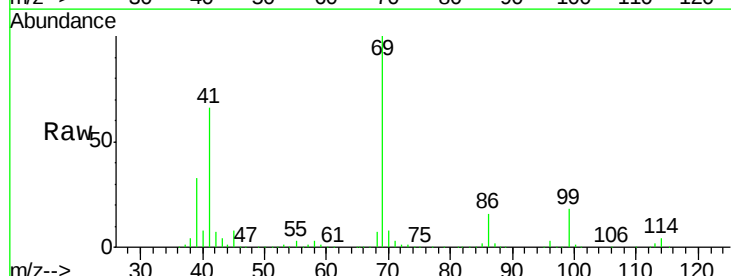
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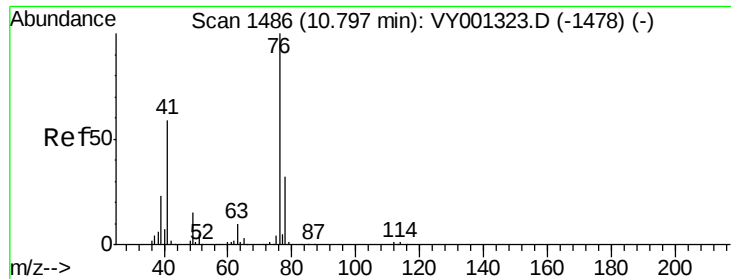
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#56
 Ethyl methacrylate
 Concen: 166.489 ug/l
 RT: 10.53 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	69	Resp	459015
Ion Ratio	Lower	Upper	
69	100		
41	65.8	54.1	81.1
39	32.7	26.8	40.2





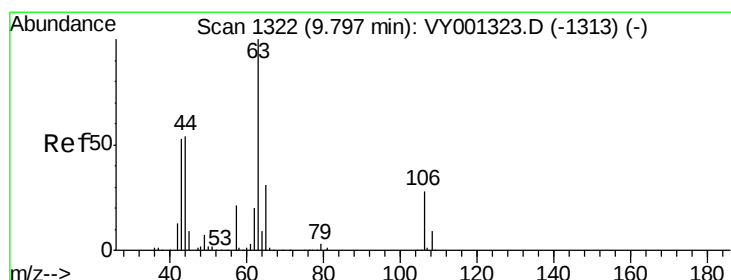
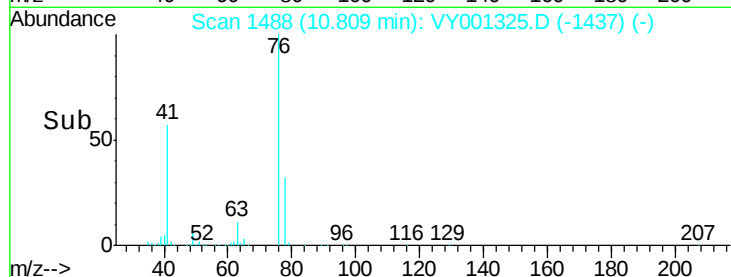
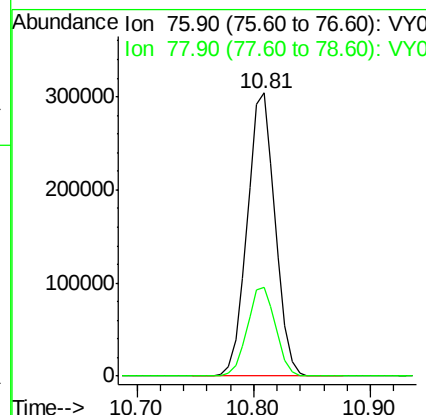
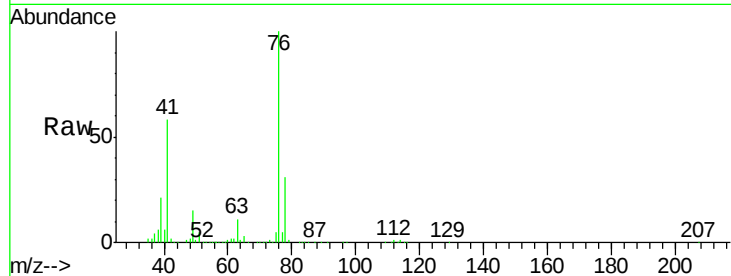
#57
 1,3-Dichloropropane
 Concen: 158.526 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.8	38.8

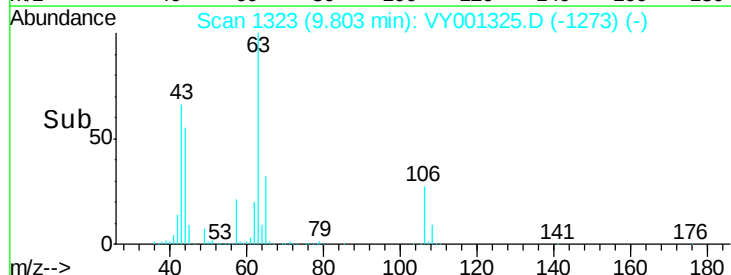
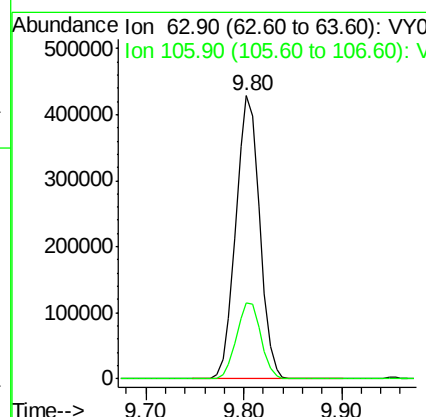
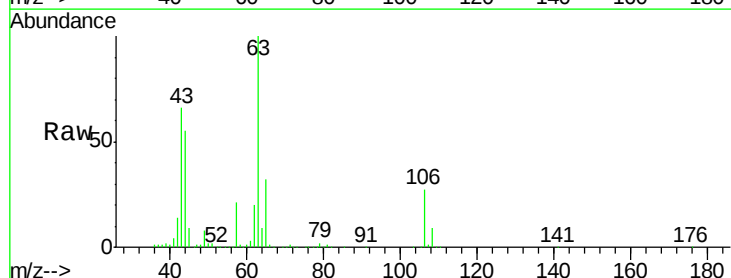
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#58
 2-Chloroethyl Vinyl ether
 Concen: 743.097 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.5	33.7





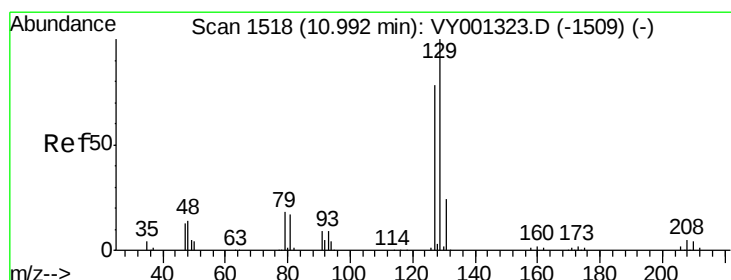
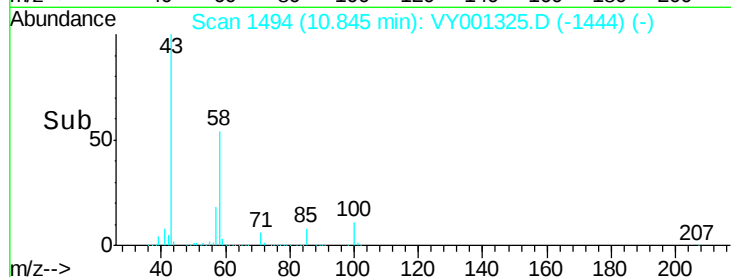
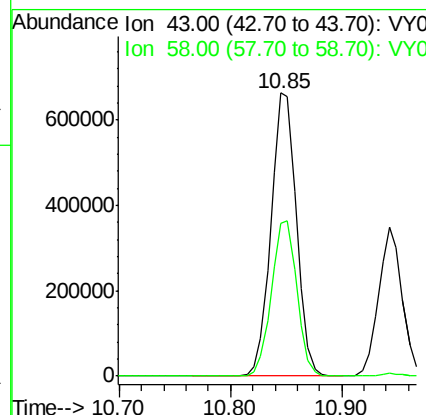
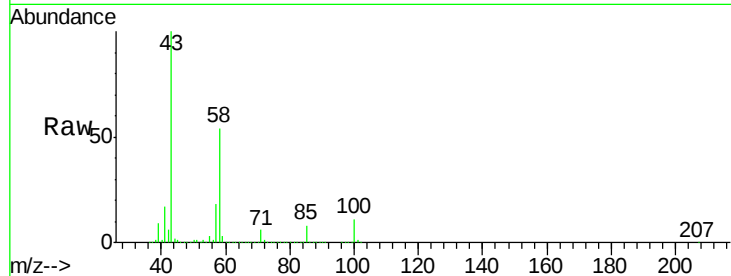
#59
2-Hexanone
Concen: 812.311 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1055429
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.8

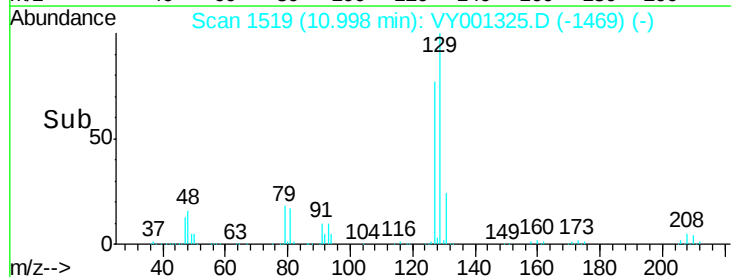
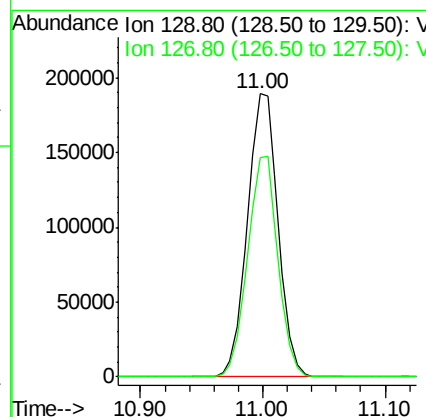
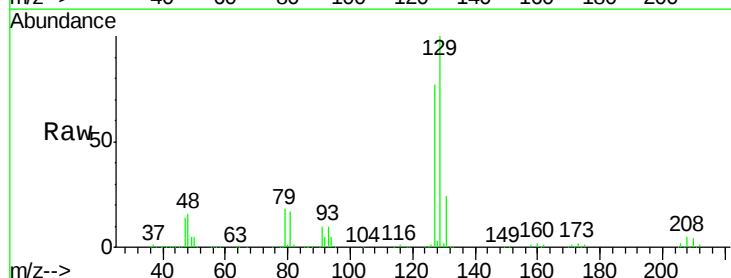
Manual Integrations
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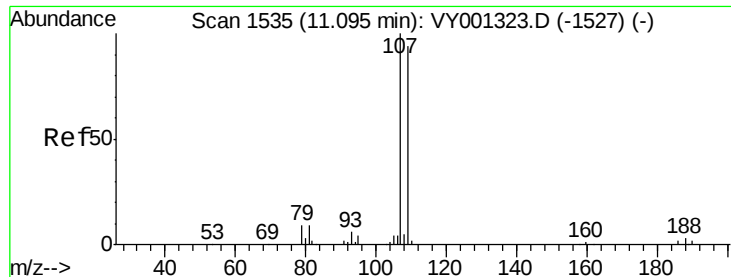
MMDadoda
1/22/2020 10:49:55 AM



#60
Dibromochloromethane
Concen: 159.953 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 129 Resp: 328679
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





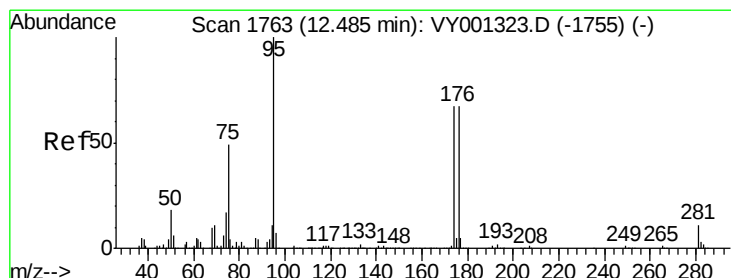
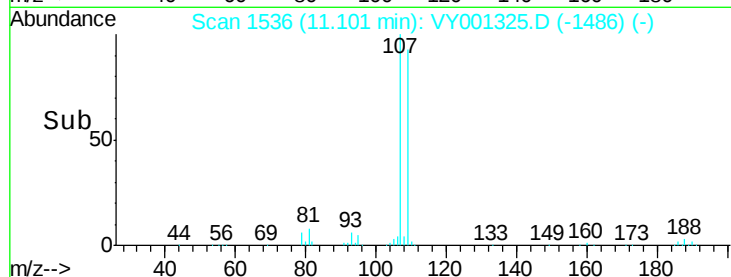
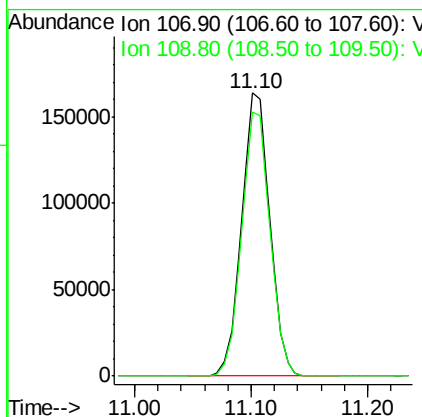
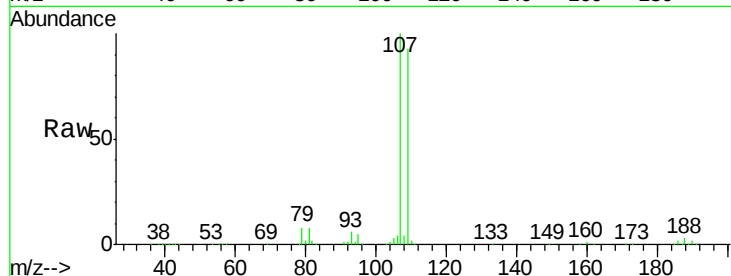
#61
1,2-Dibromoethane
Concen: 160.019 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

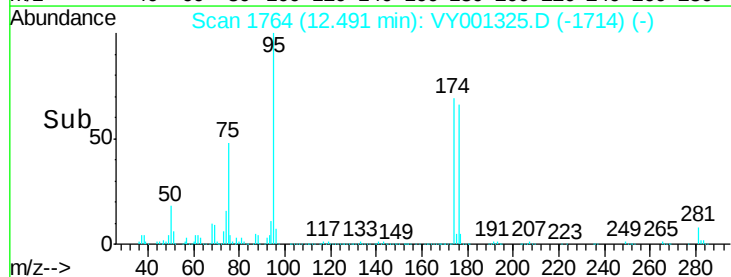
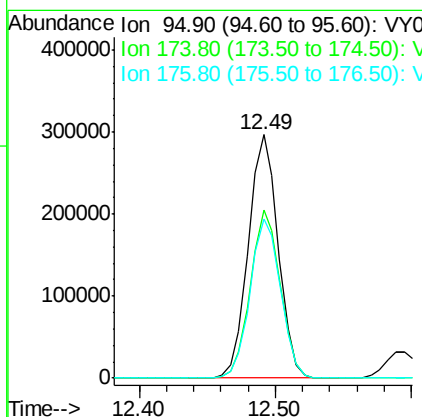
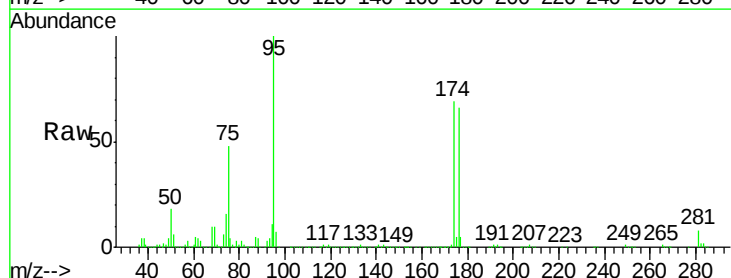
Manual Integrations
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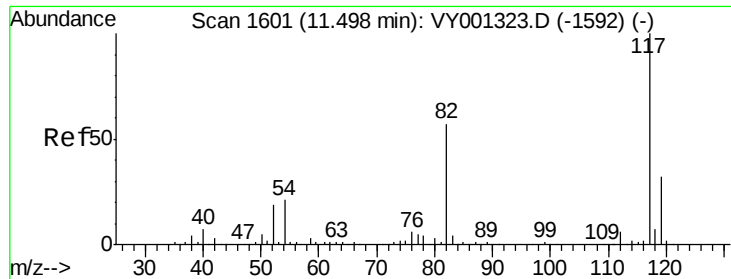
MMDadoda
1/22/2020 10:49:55 AM



#62
4-Bromofluorobenzene
Concen: 153.557 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	142.0
176	67.0	0.0	138.6





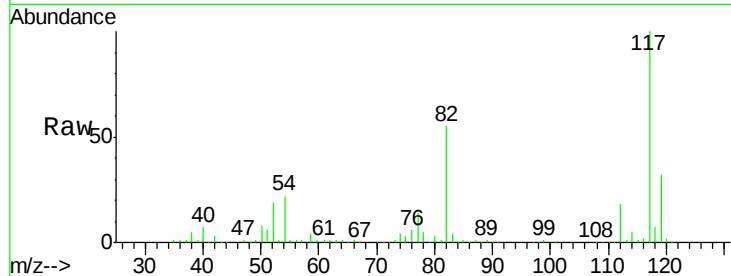
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.5	68.3
119	32.2	25.8	38.6

Manual Integrations
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1/22/2020 10:49:55 AM

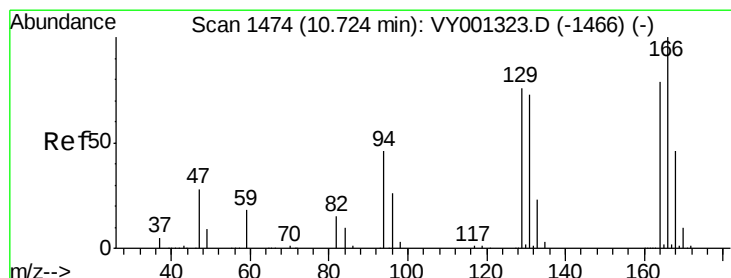
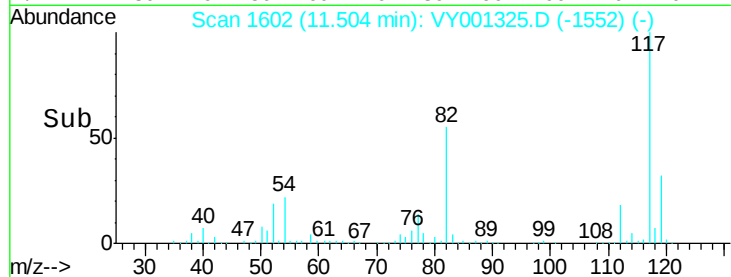
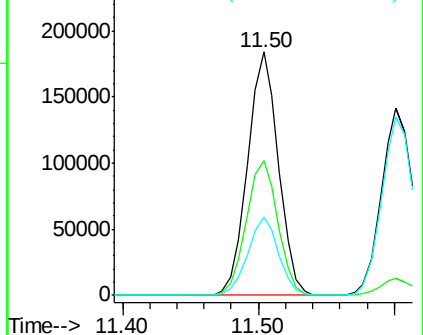


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 142.997 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	101.8	152.8
129	95.6	77.1	115.7
131	91.6	74.2	111.2

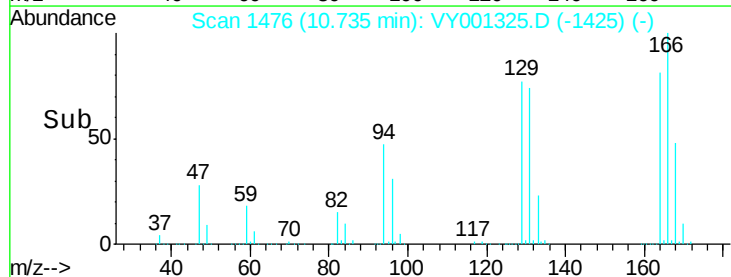
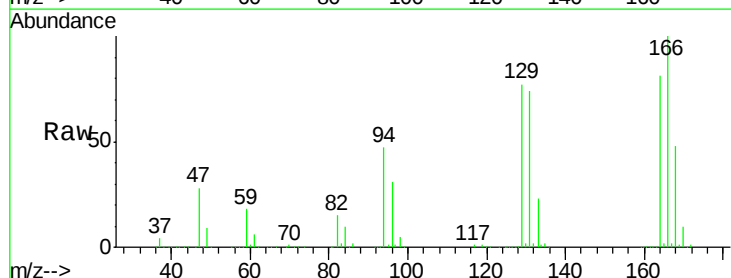
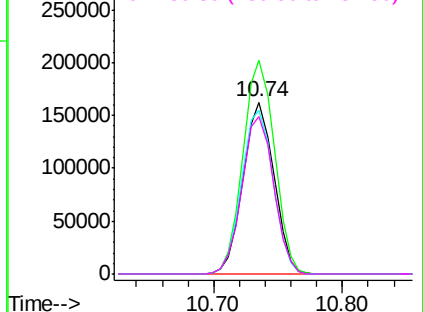
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





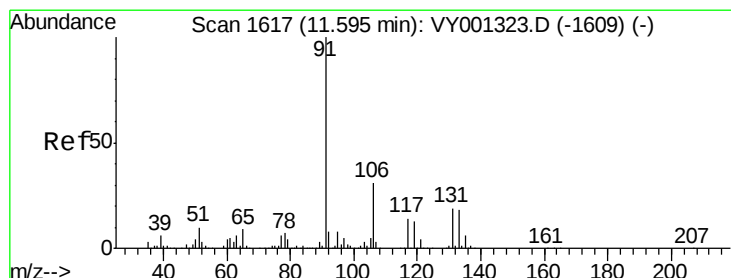
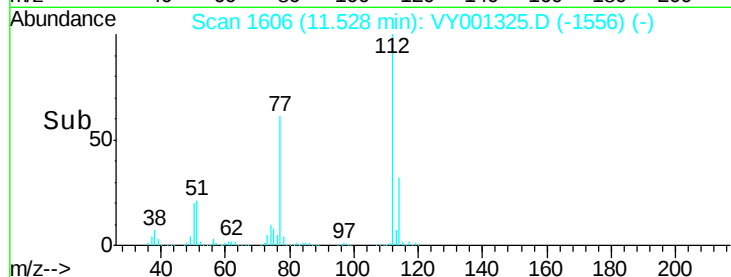
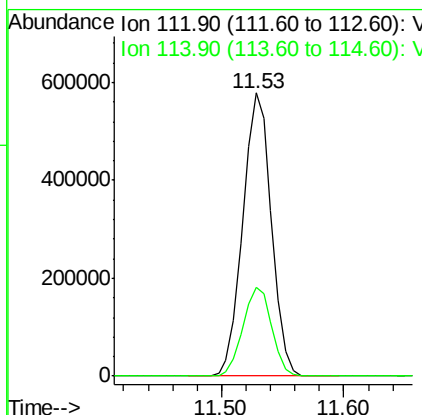
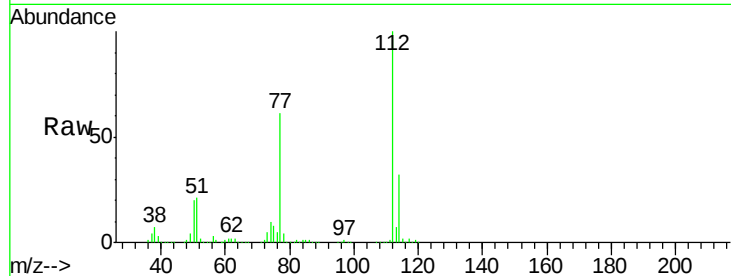
#65
Chlorobenzene
Concen: 152.694 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 936275
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

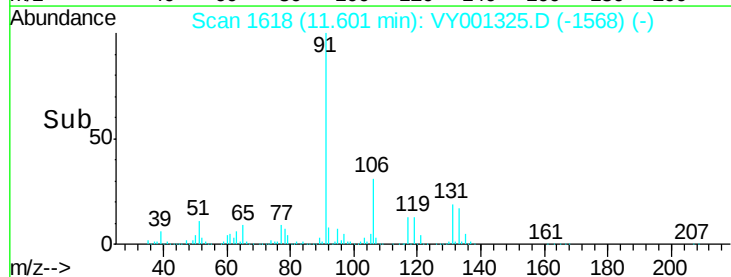
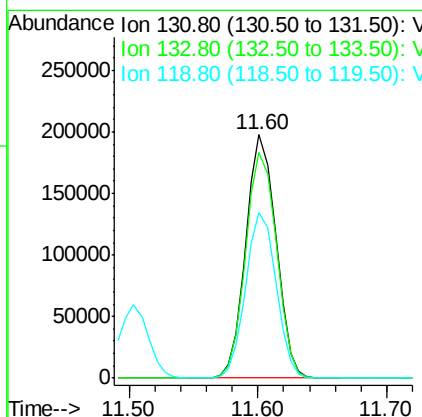
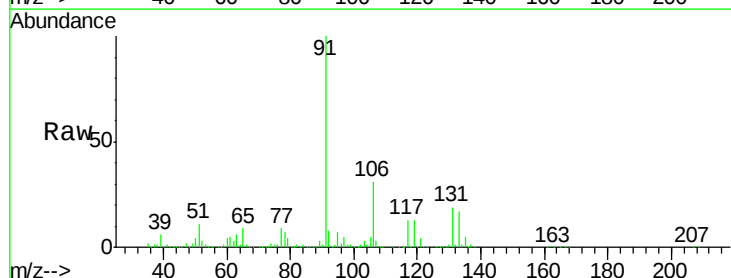
Manual Integrations
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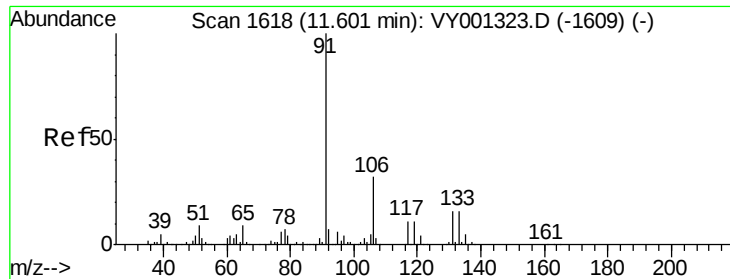
MMDadoda
1/22/2020 10:49:55 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 152.922 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion:131 Resp: 319913
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 68.4 34.1 102.2





#67

Ethyl Benzene

Concen: 150.909 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1708645

Ion Ratio Lower Upper

91 100

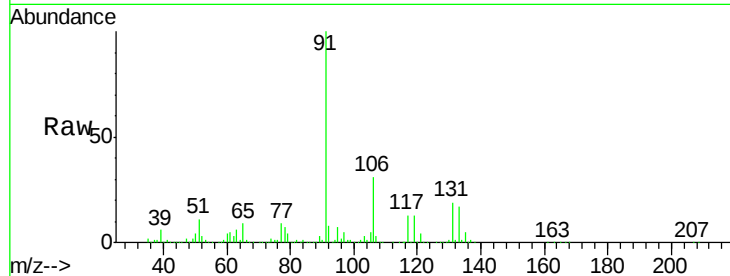
106 30.6 25.4 38.0

Manual Integrations

APPROVED

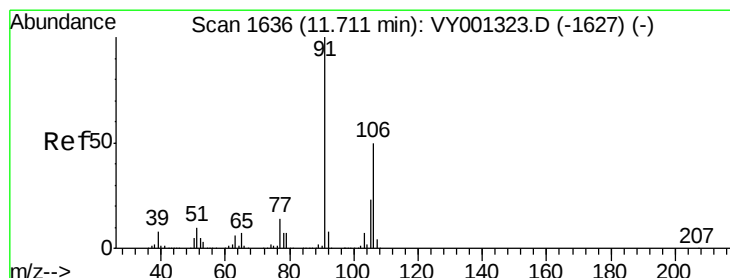
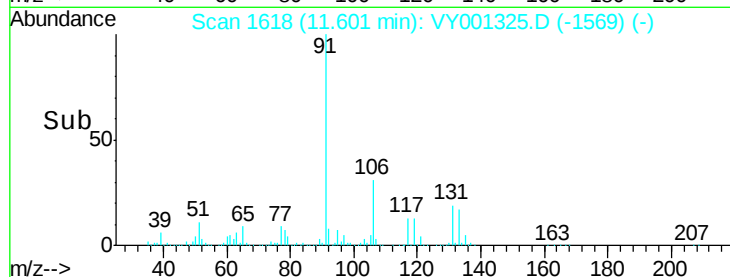
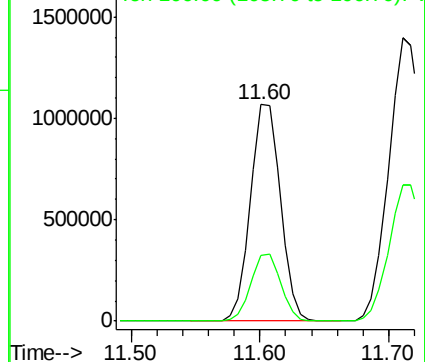
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 301.315 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001325.D

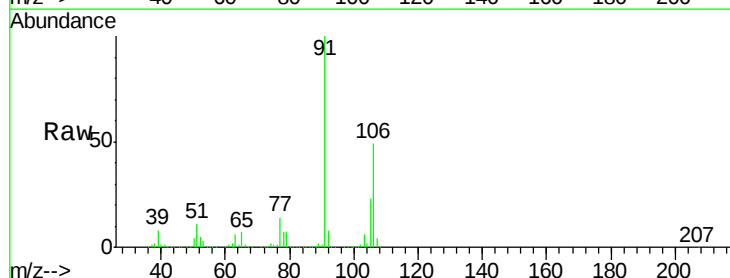
Acq: 21 Jan 2020 16:29

Tgt Ion:106 Resp: 1274551

Ion Ratio Lower Upper

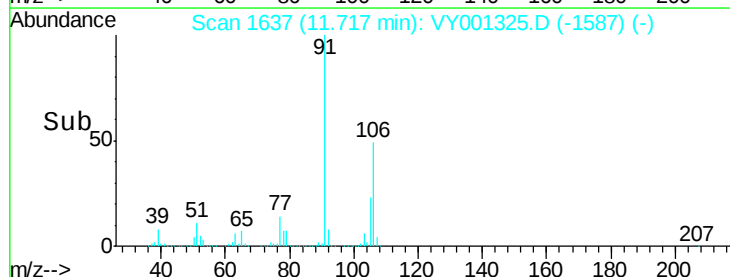
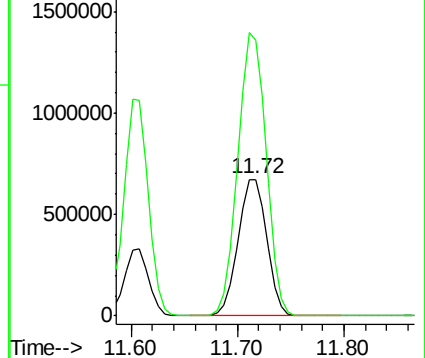
106 100

91 205.4 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





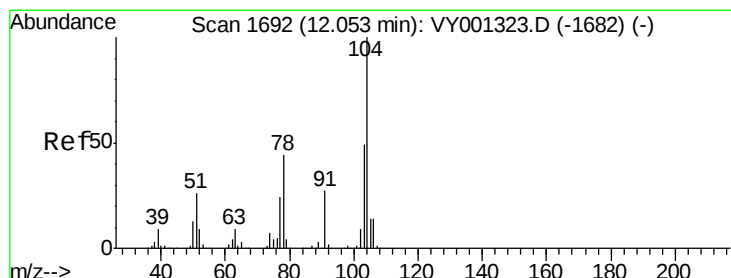
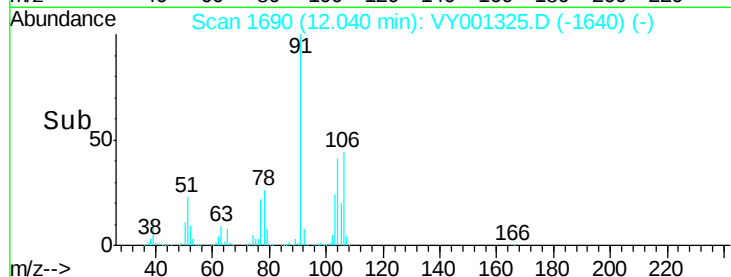
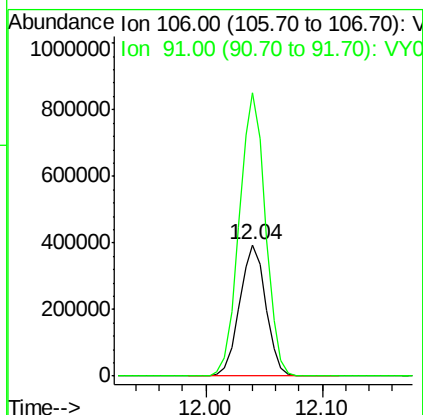
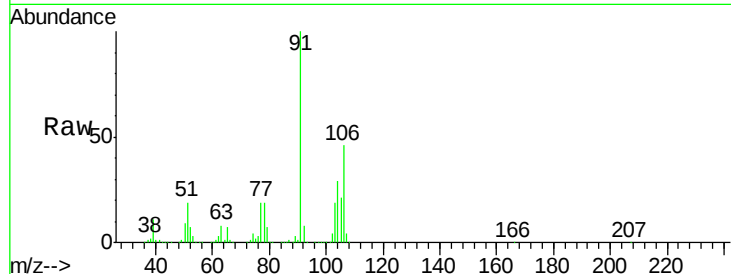
#69
o-Xylene
Concen: 152.171 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		618181		
91	215.1	106.3	319.0		

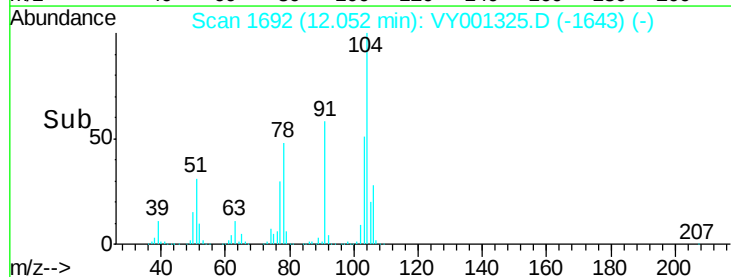
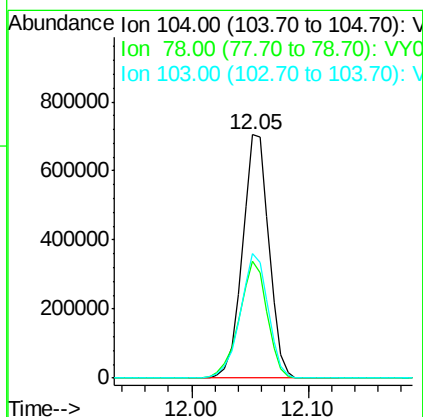
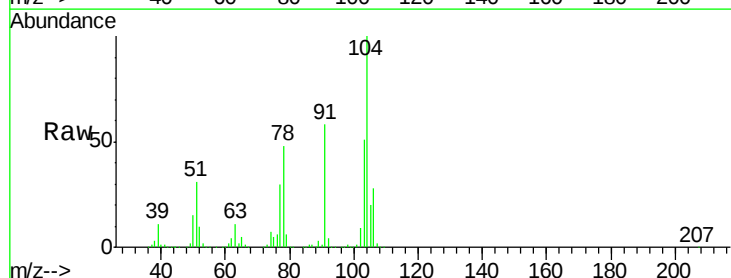
Manual Integrations
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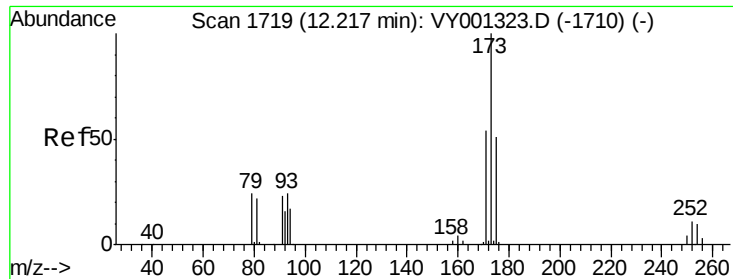
MMDadoda
1/22/2020 10:49:55 AM



#70
Styrene
Concen: 157.527 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		1116169		
78	50.4	39.8	59.8		
103	53.7	43.2	64.8		





#71

Bromoform

Concen: 158.461 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 196680

Ion Ratio Lower Upper

173 100

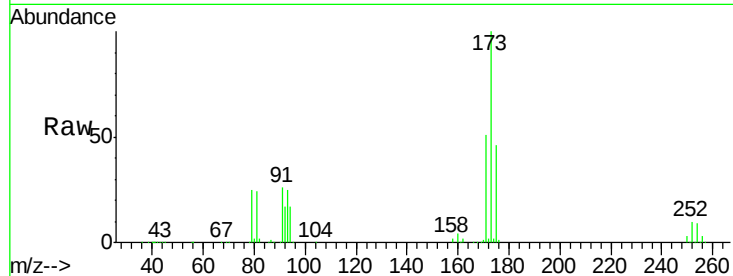
175 48.9 24.3 72.9

254 0.1 0.0 0.0#

Manual Integrations
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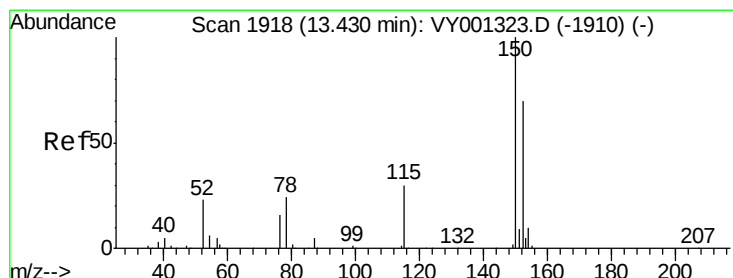
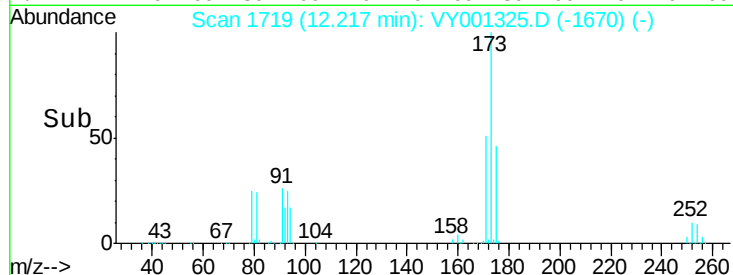
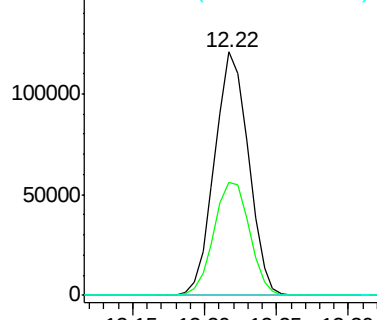
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

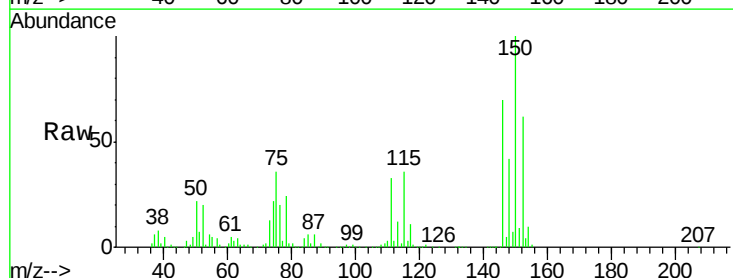
Tgt Ion:152 Resp: 134599

Ion Ratio Lower Upper

152 100

115 61.9 30.9 92.8

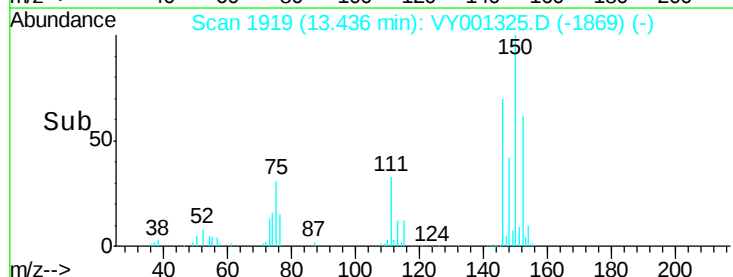
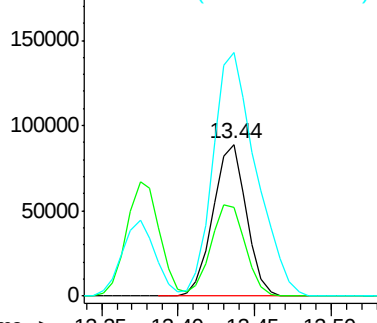
150 207.7 0.0 349.2

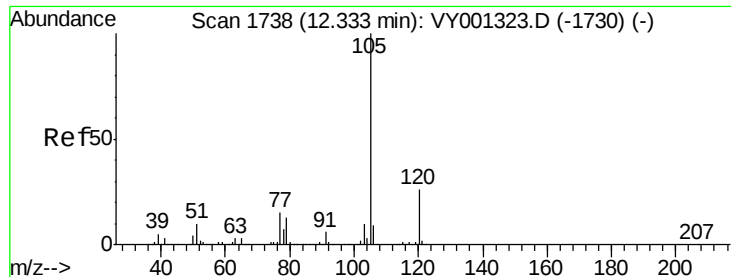


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 158.105 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1664241

Ion Ratio Lower Upper

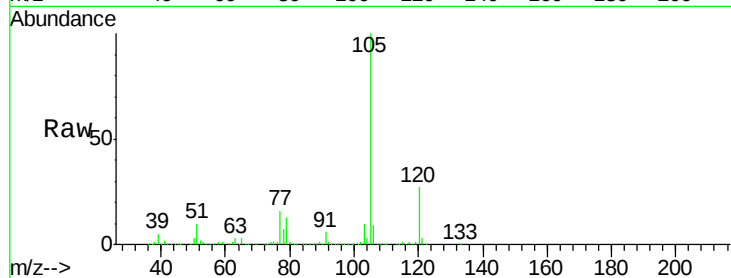
105 100

120 26.6 13.5 40.4

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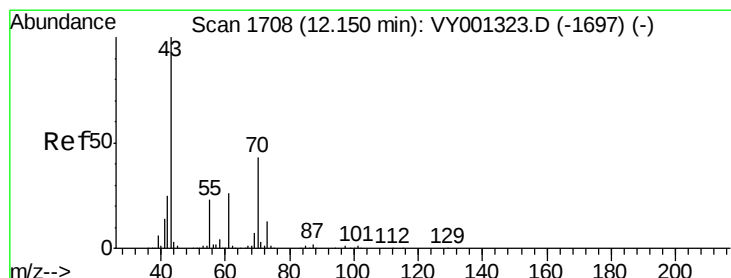
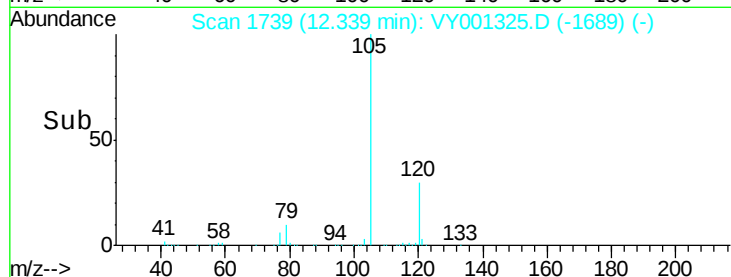
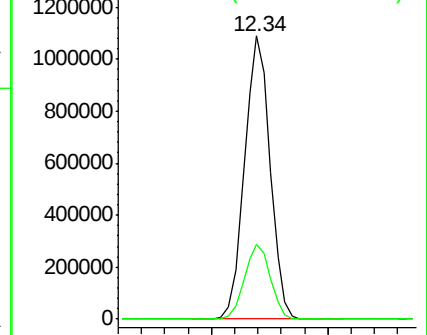
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 168.710 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion: 43 Resp: 574592

Ion Ratio Lower Upper

43 100

70 43.3 33.5 50.3

55 22.8 18.2 27.2

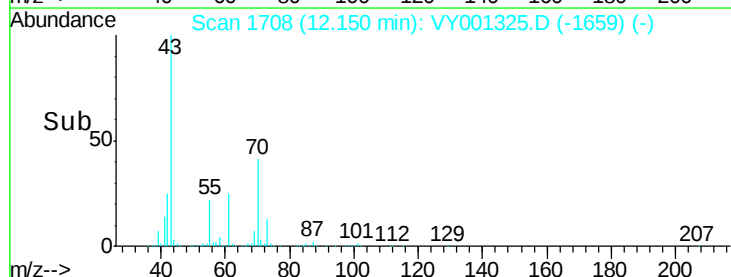
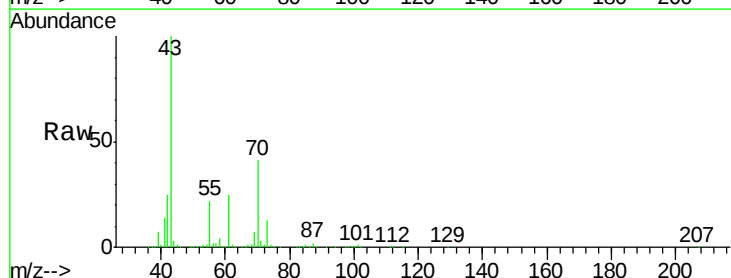
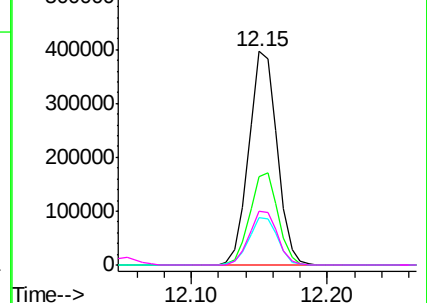
61 25.3 19.6 29.4

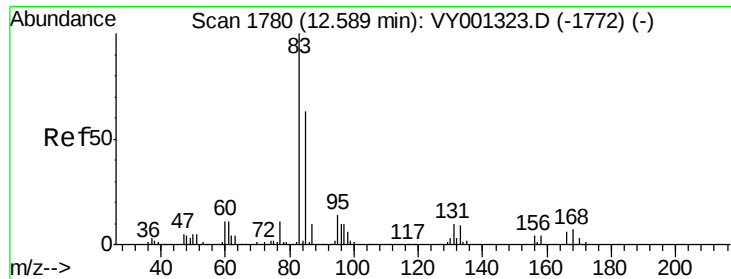
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 162.029 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

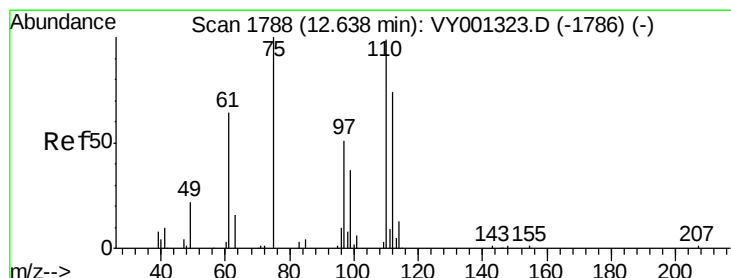
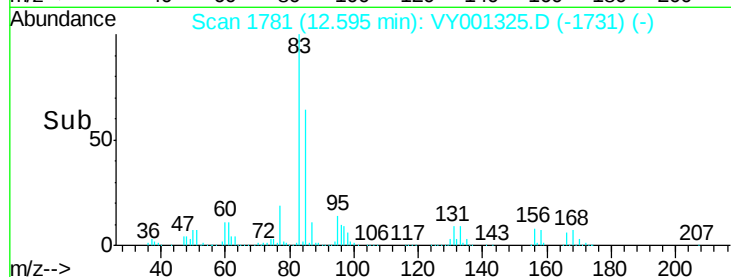
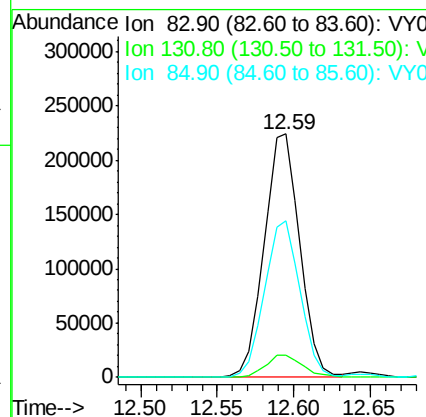
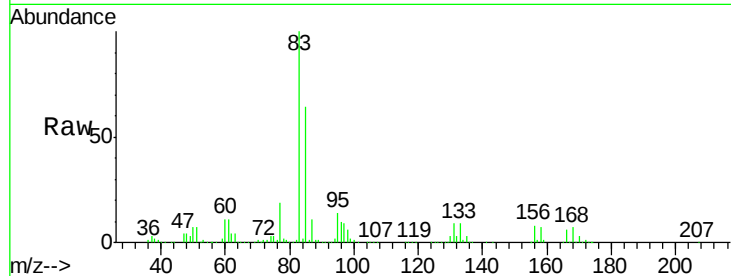
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	363694
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	64.4	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 147.901 ug/l m

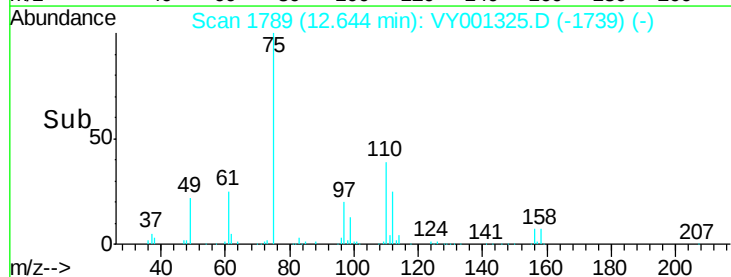
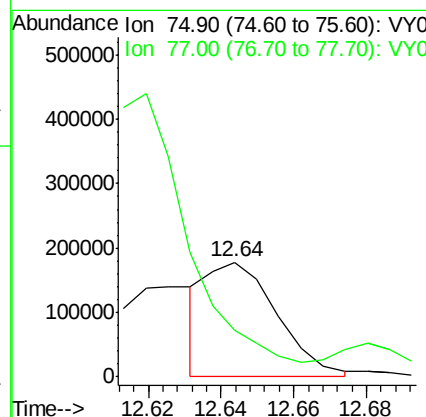
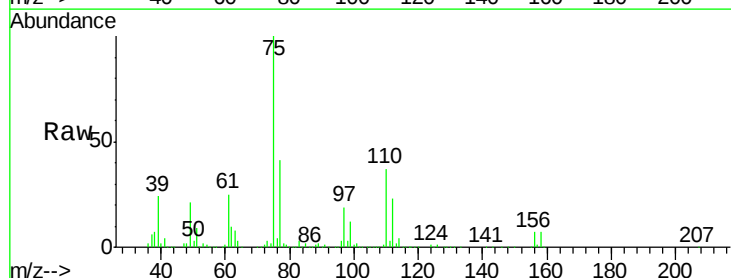
RT: 12.64 min Scan# 1789

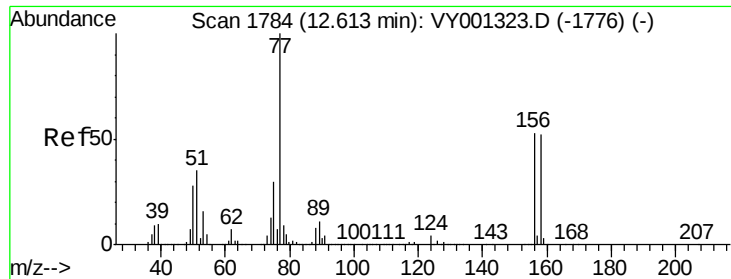
Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion:	75	Resp:	240445
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 151.394 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

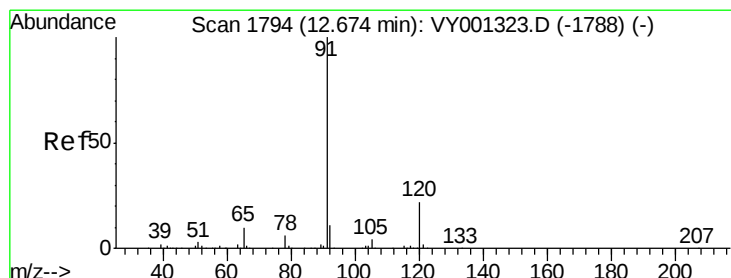
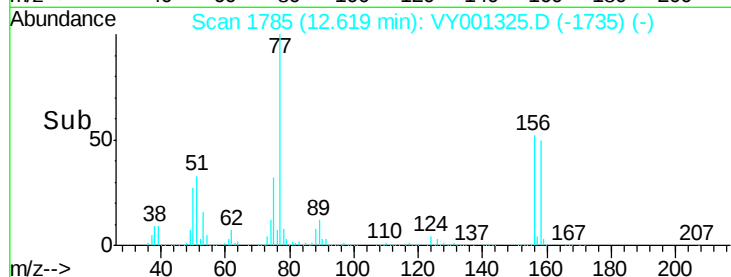
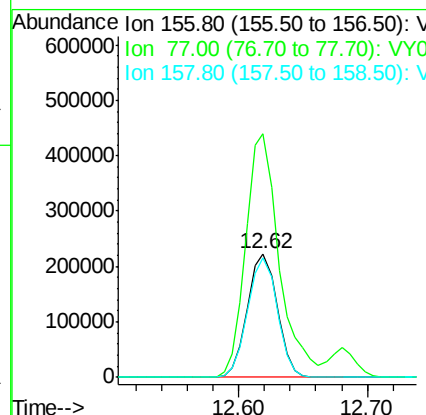
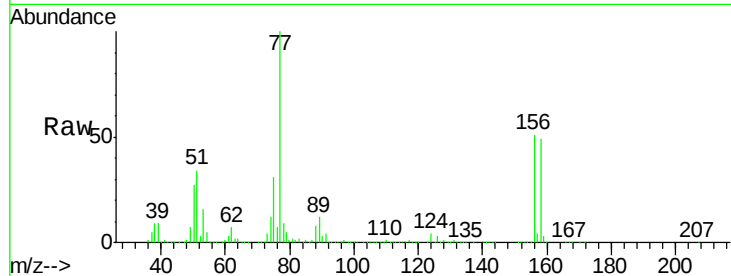
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.3	104.7	313.9
158	96.4	48.6	145.8

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#78

n-propylbenzene

Concen: 156.629 ug/l

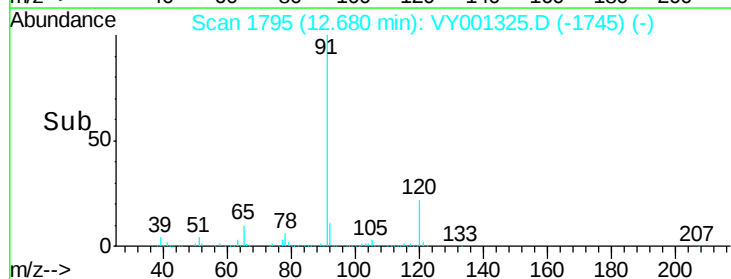
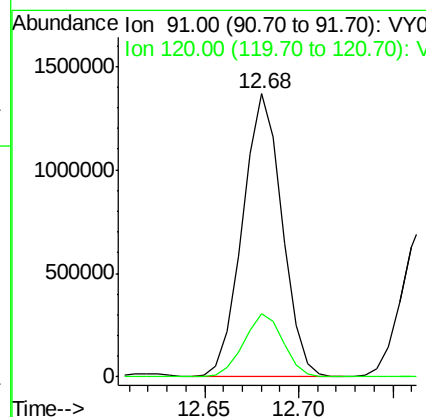
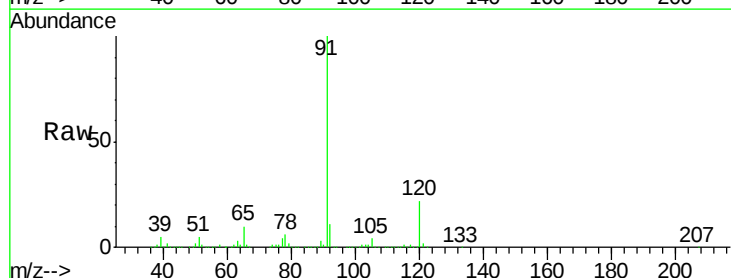
RT: 12.68 min Scan# 1795

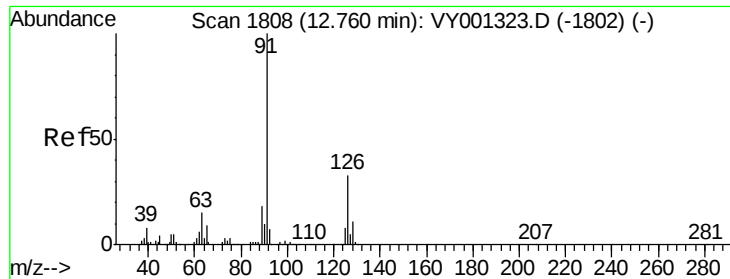
Delta R.T. 0.01 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.3	33.8





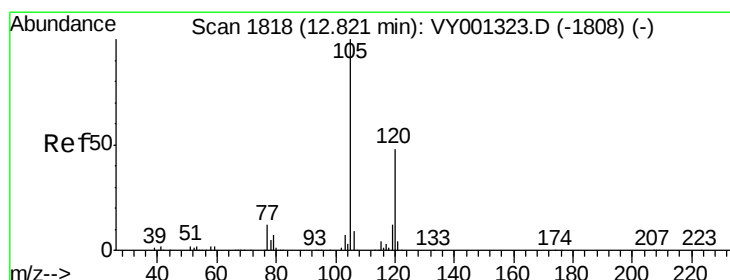
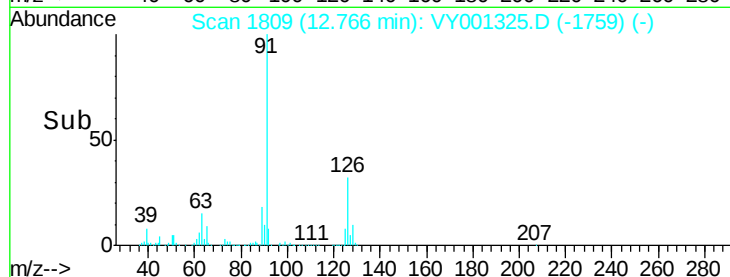
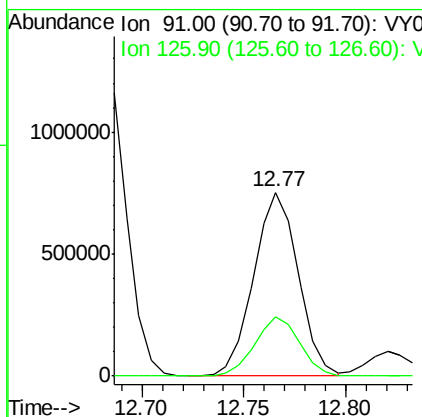
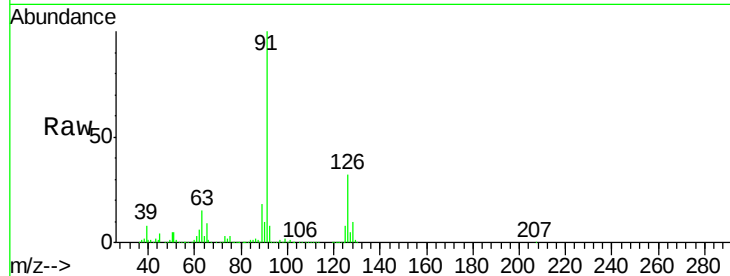
#79
2-Chlorotoluene
Concen: 157.787 ug/l
RT: 12.77 min Scan# 1809
Delta R.T. 0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1142462
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7

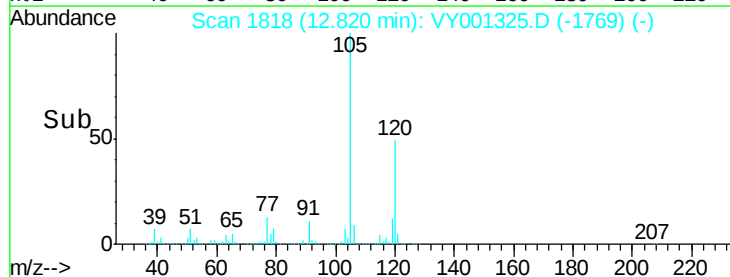
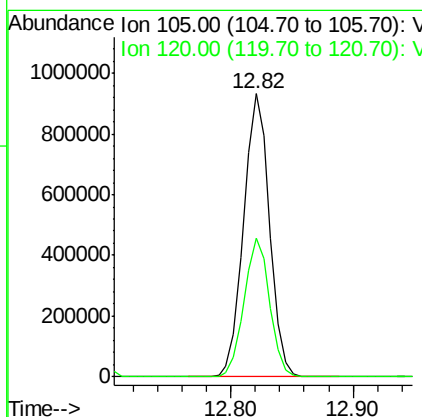
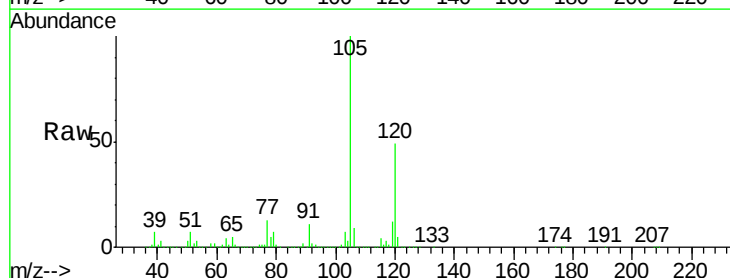
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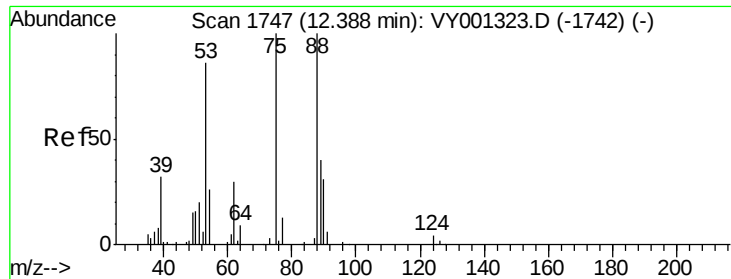
MMDadoda
1/22/2020 10:49:55 AM



#80
1,3,5-Trimethylbenzene
Concen: 154.583 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 105 Resp: 1363525
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 175.182 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001325.D

Acq: 21 Jan 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 146058

Ion Ratio Lower Upper

75 100

53 83.1 69.9 104.9

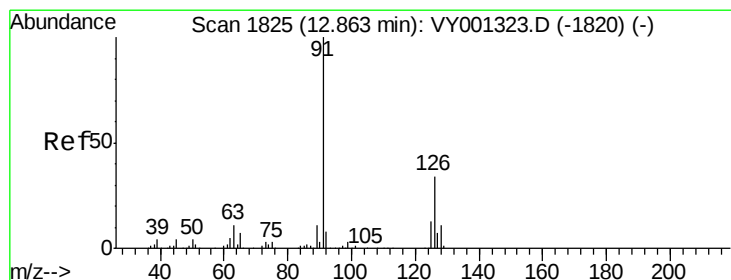
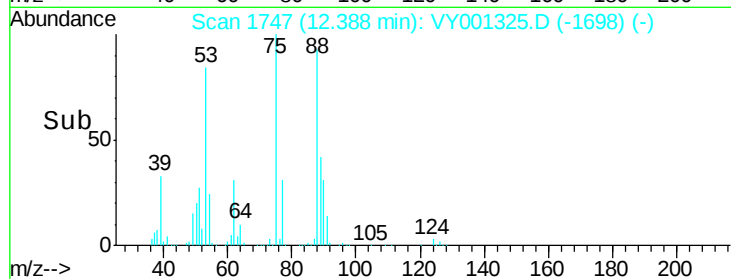
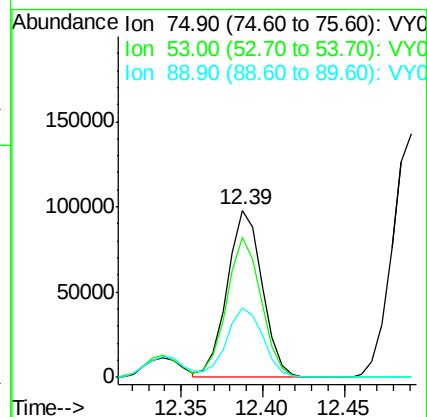
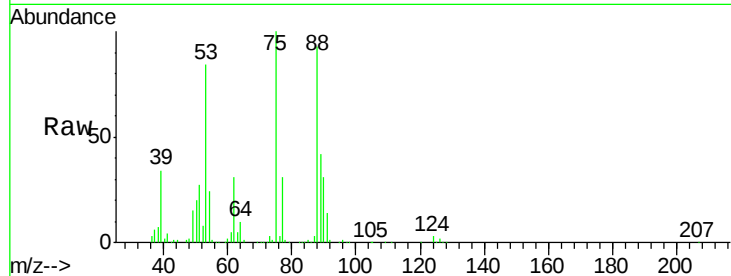
89 42.9 36.6 54.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 159.706 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001325.D

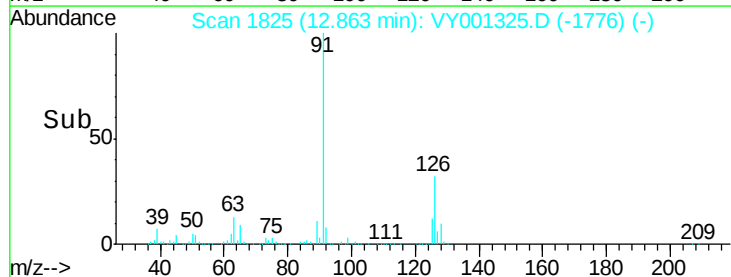
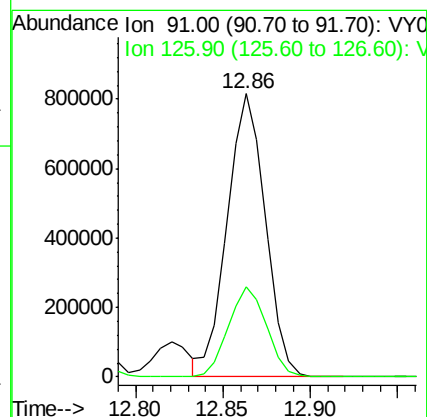
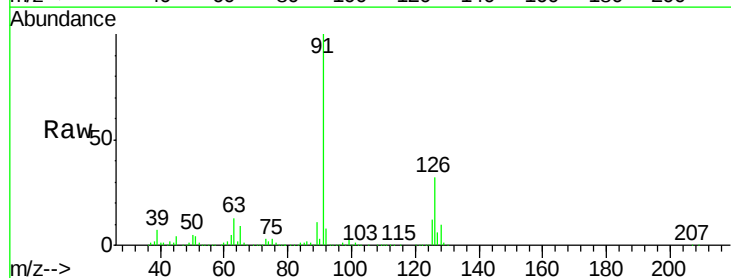
Acq: 21 Jan 2020 16:29

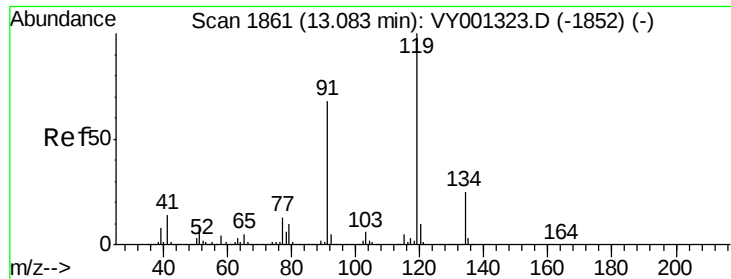
Tgt Ion: 91 Resp: 1232584

Ion Ratio Lower Upper

91 100

126 31.9 16.4 49.4





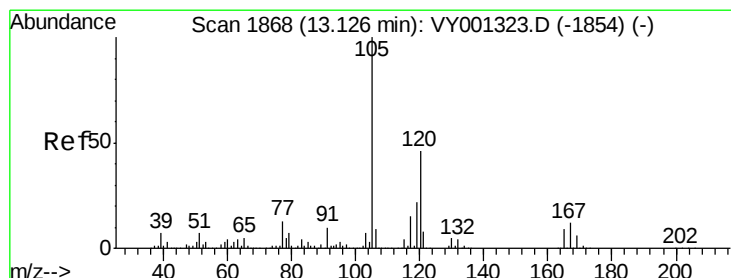
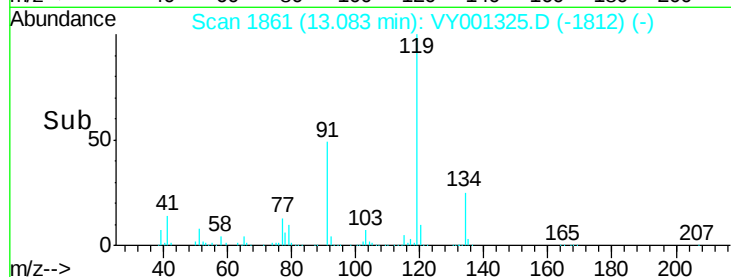
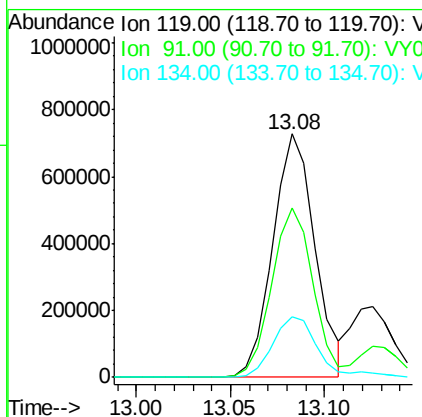
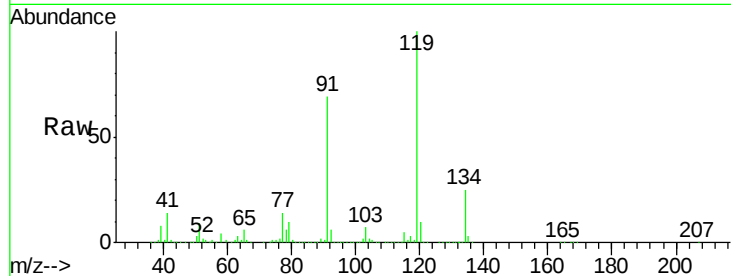
#83
tert-Butylbenzene
Concen: 151.016 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1127275
Ion Ratio Lower Upper
119 100
91 67.9 33.0 99.0
134 26.9 13.3 39.9

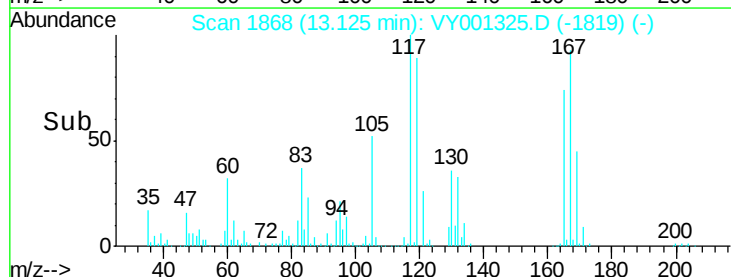
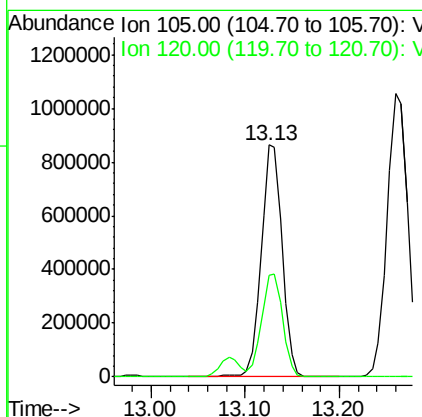
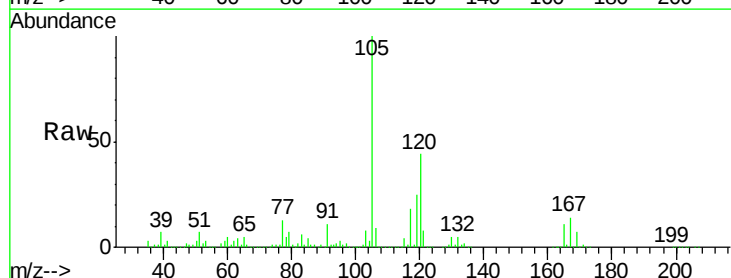
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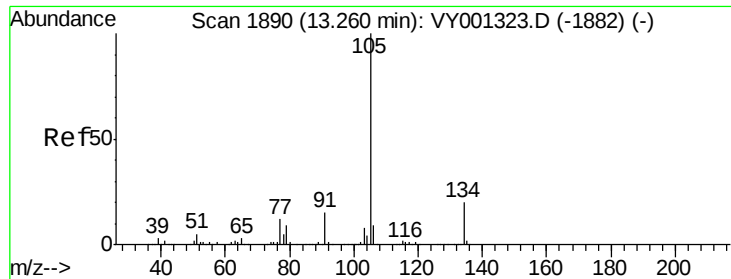
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 152.674 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion:105 Resp: 1354891
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





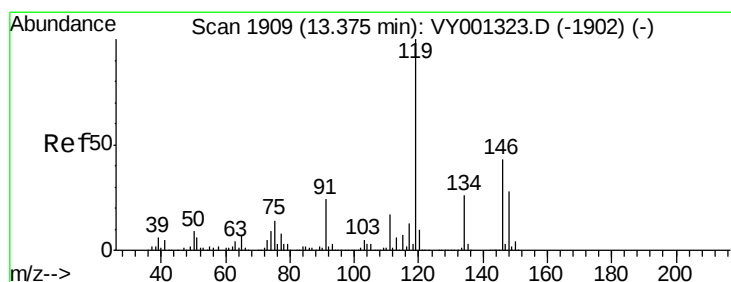
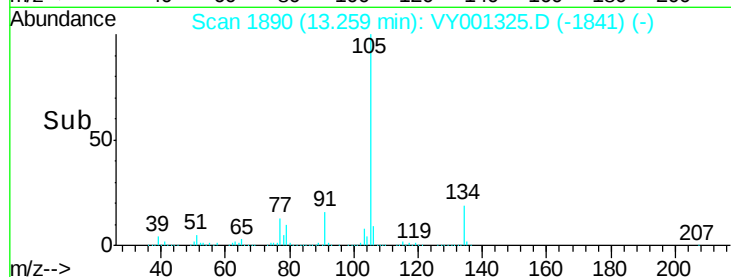
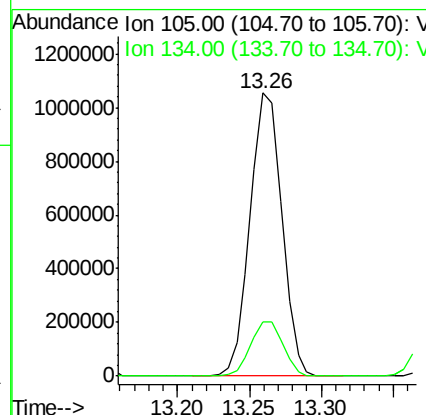
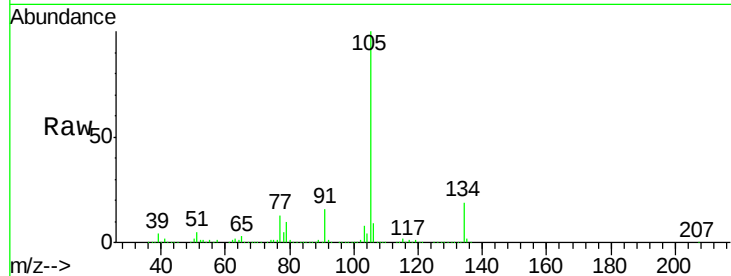
#85
 sec-Butylbenzene
 Concen: 151.984 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1610156
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

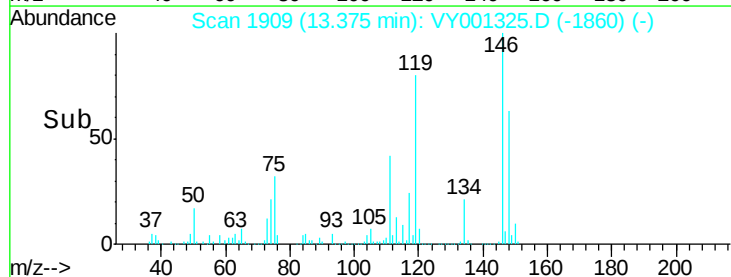
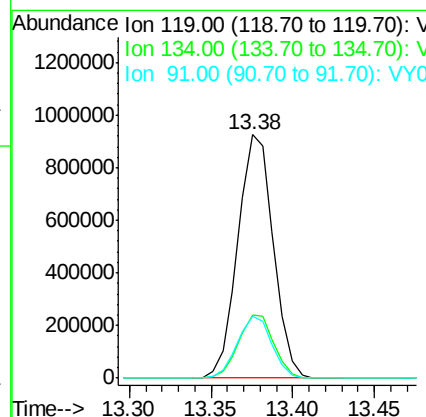
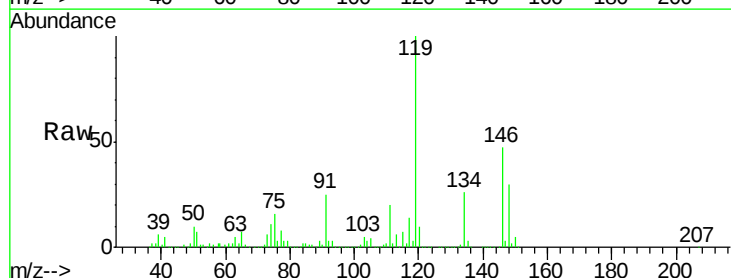
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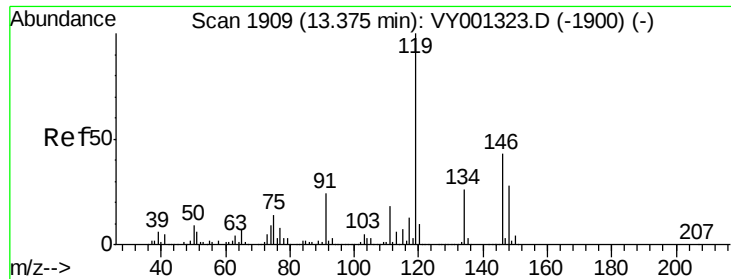
MMDadoda
 1/22/2020 10:49:55 AM



#86
 p-Isopropyltoluene
 Concen: 149.182 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion:119 Resp: 1397110
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 24.8 12.2 36.6





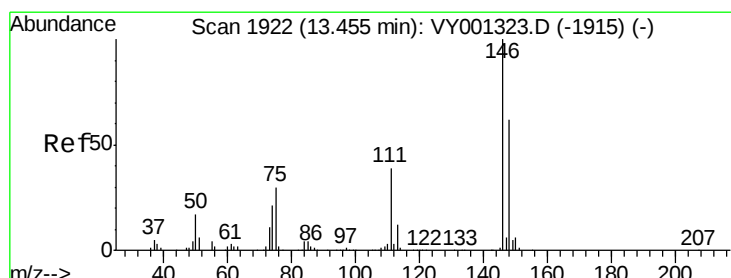
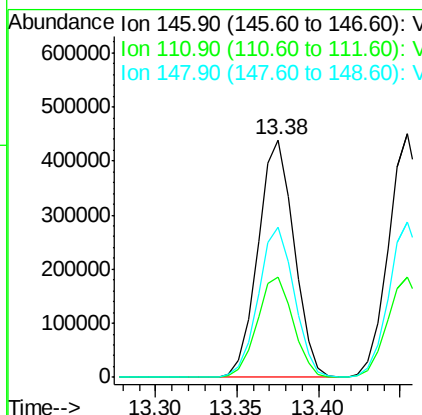
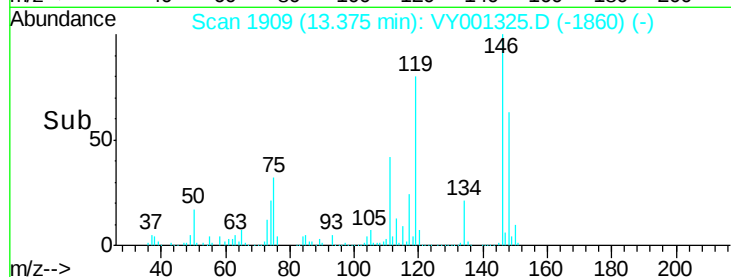
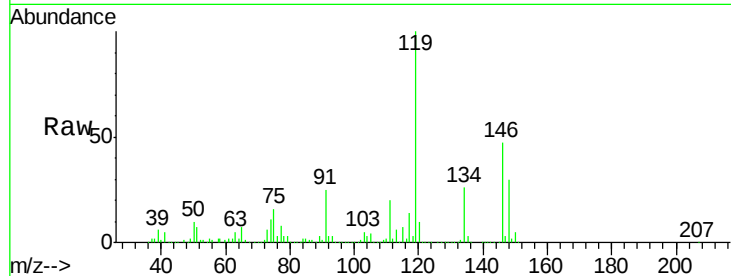
#87
 1,3-Dichlorobenzene
 Concen: 147.808 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.6	61.8
148	63.0	31.6	95.0

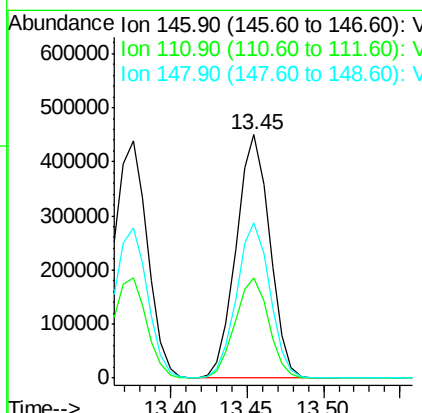
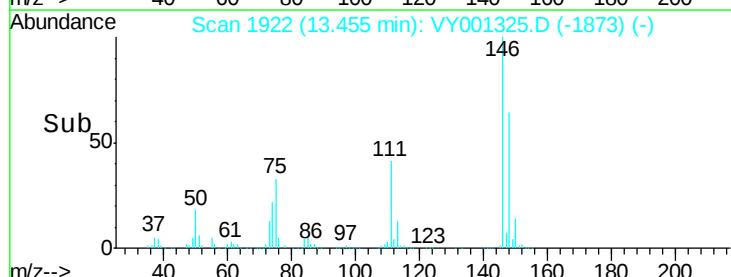
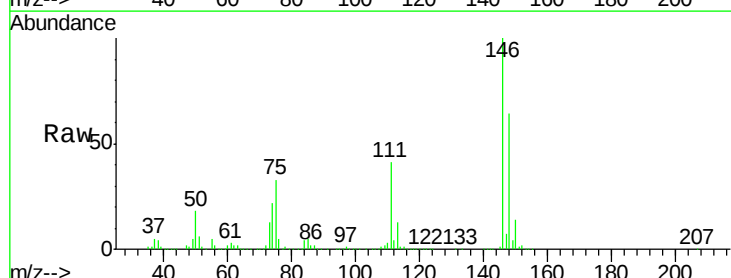
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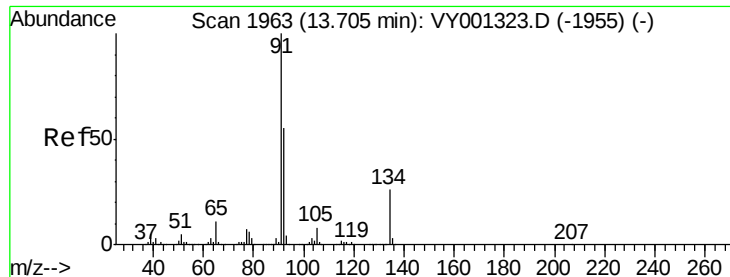
MMDadoda
 1/22/2020 10:49:55 AM



#88
 1,4-Dichlorobenzene
 Concen: 149.165 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.5	31.6	95.0





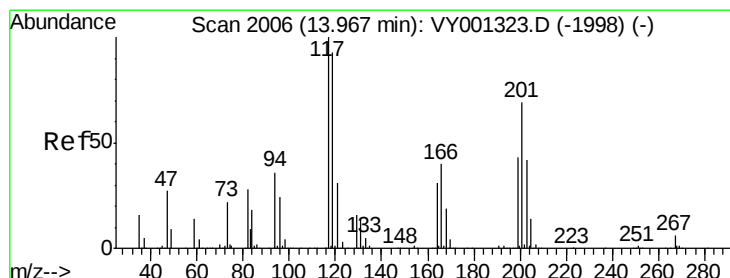
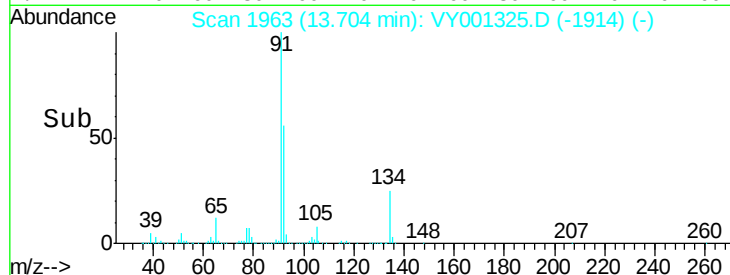
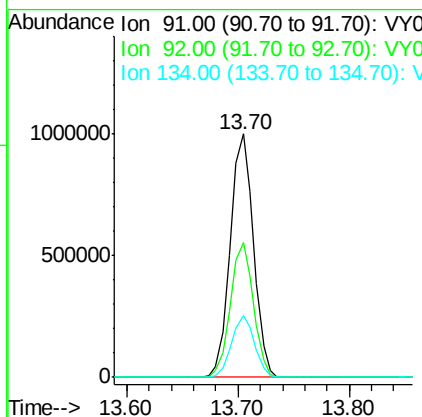
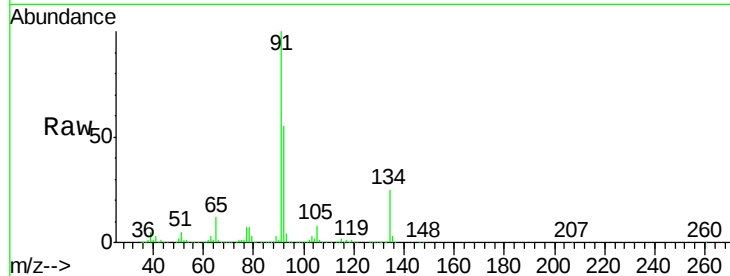
#89
n-Butylbenzene
Concen: 153.128 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1436964
Ion Ratio Lower Upper
91 100
92 54.7 27.6 82.8
134 25.0 12.9 38.6

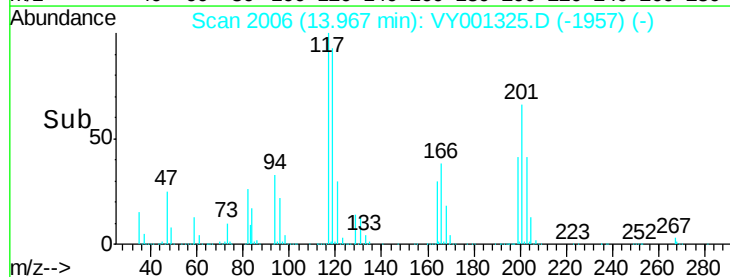
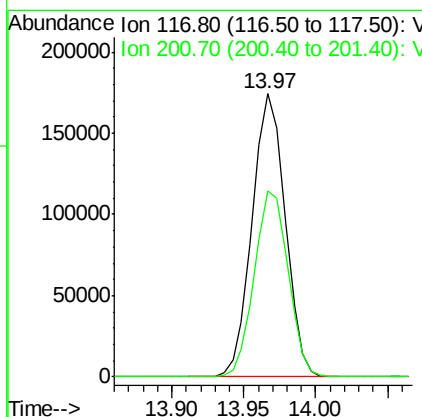
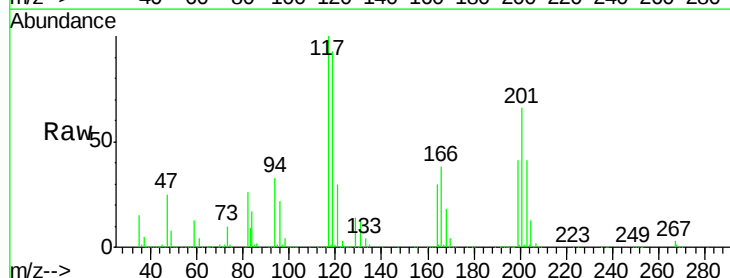
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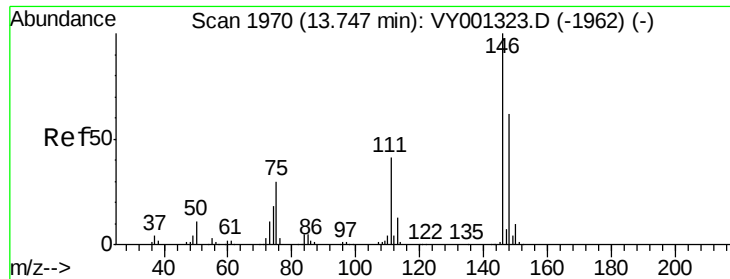
MMDadoda
1/22/2020 10:49:55 AM



#90
Hexachloroethane
Concen: 156.962 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion: 117 Resp: 276246
Ion Ratio Lower Upper
117 100
201 67.2 34.6 103.8





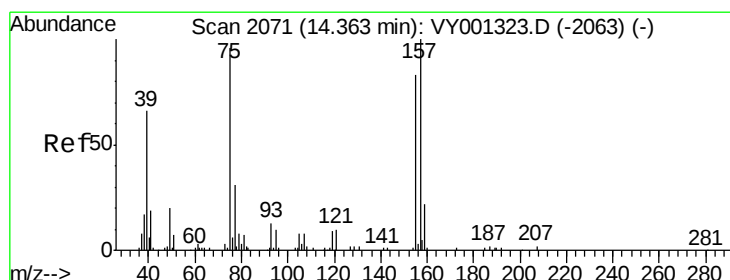
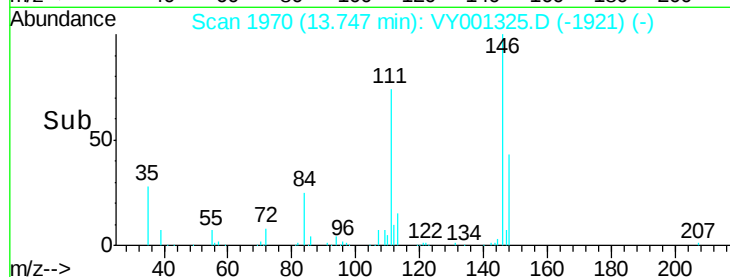
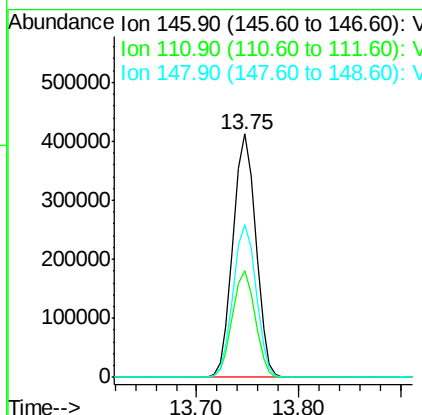
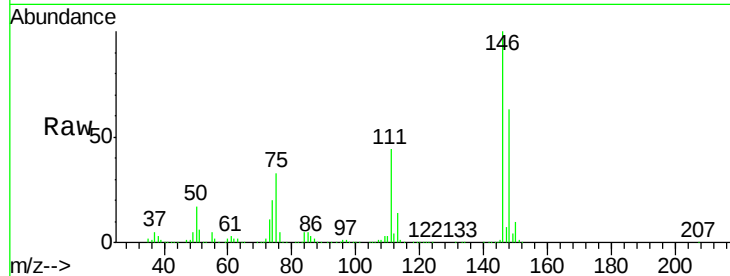
#91
 1,2-Dichlorobenzene
 Concen: 153.201 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.4
148	63.2	31.5	94.5

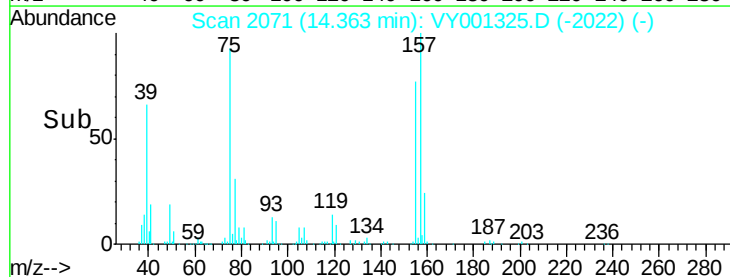
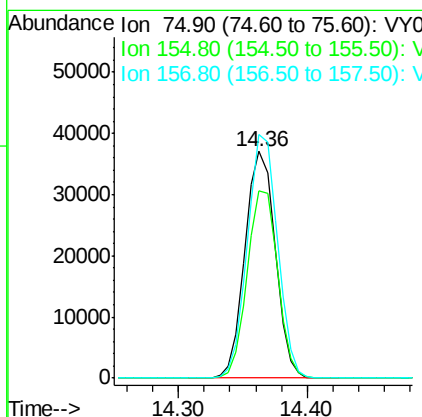
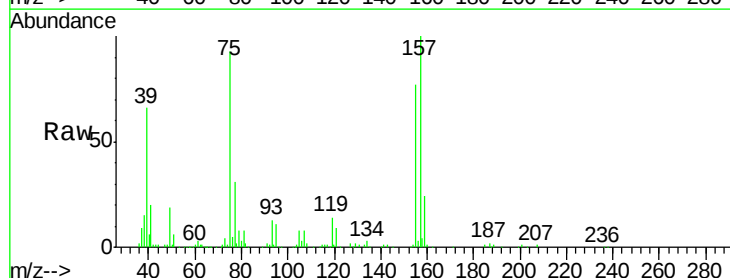
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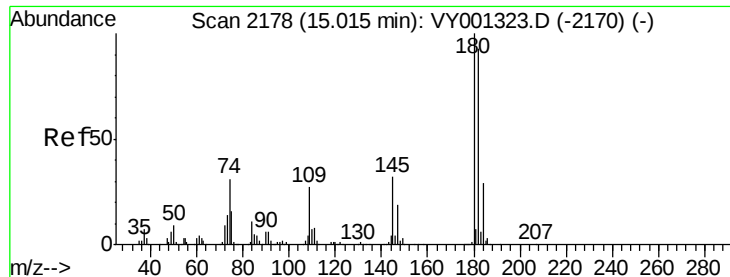
MMDadoda
 1/22/2020 10:49:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.813 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	43.0	129.2
157	106.6	53.3	160.0





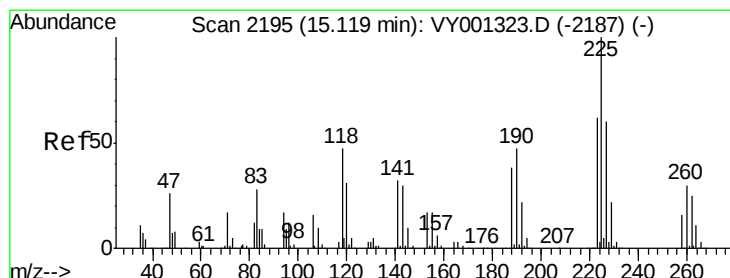
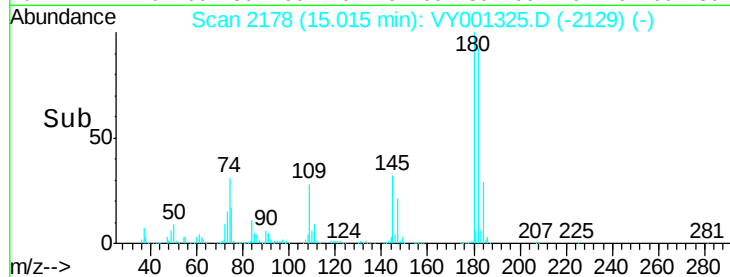
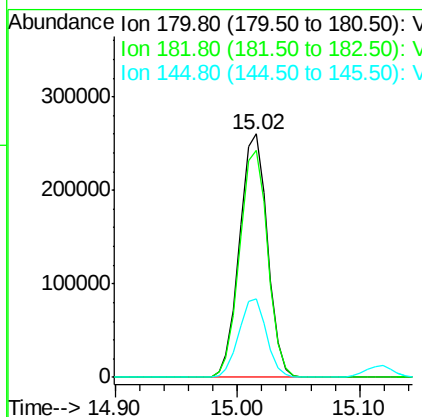
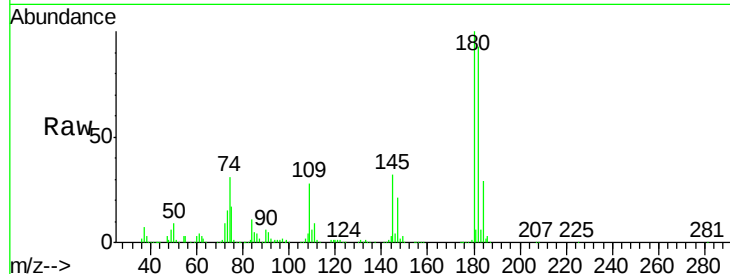
#93
 1,2,4-Trichlorobenzene
 Concen: 145.572 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	410247		
182	94.1	47.6	142.8	
145	32.0	16.3	48.9	

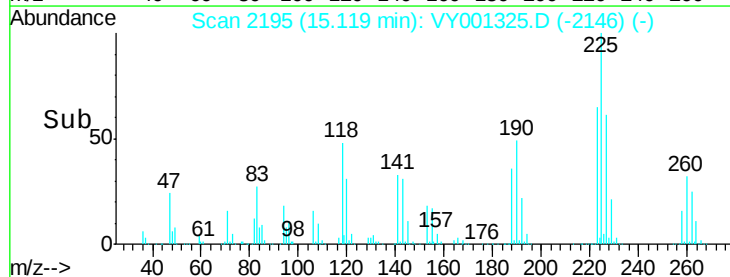
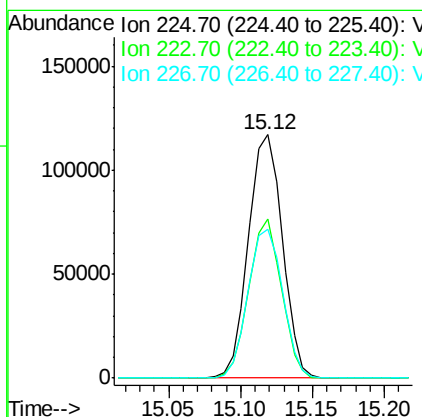
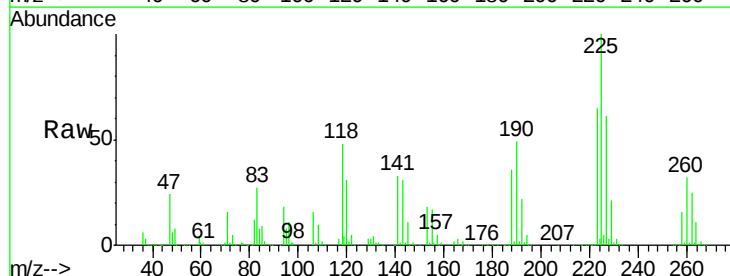
Manual Integrations
 APPROVED

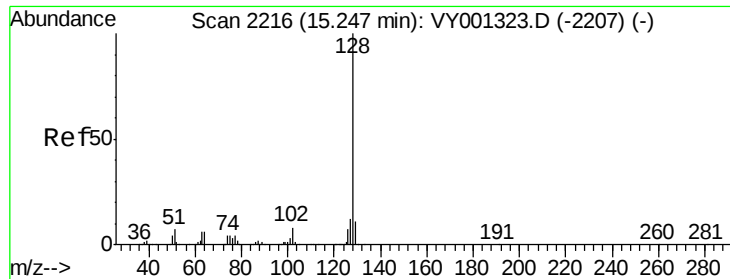
MMDadoda
 1/22/2020 10:49:55 AM



#94
 Hexachlorobutadiene
 Concen: 137.922 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001325.D
 Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190890		
223	62.7	31.2	93.6	
227	62.6	31.0	93.0	





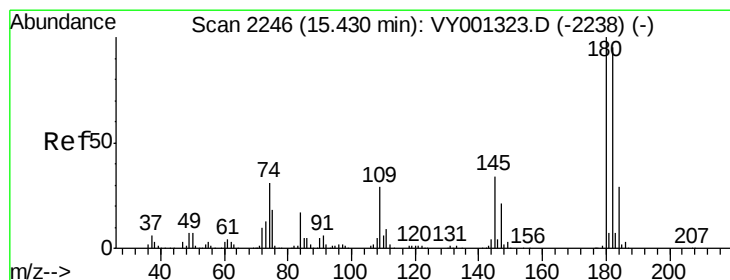
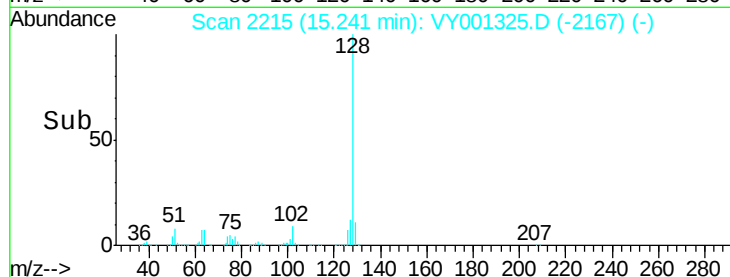
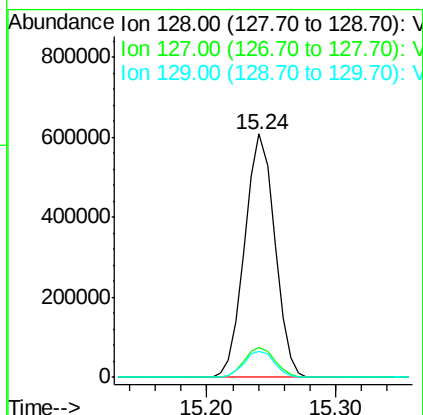
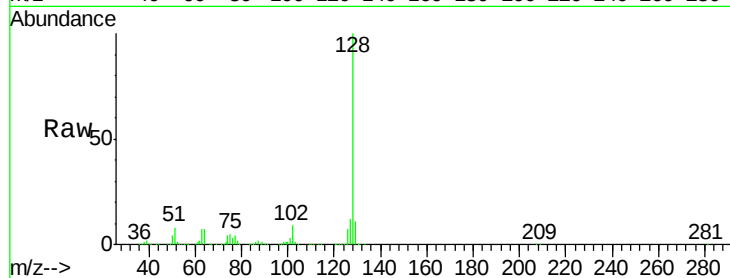
#95
Naphthalene
Concen: 153.475 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/22/2020 10:49:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 146.728 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001325.D
Acq: 21 Jan 2020 16:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.8
145	34.5	16.8	50.3

