

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002250.D
 Acq On : 08 Apr 2020 14:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY040820

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:04 AM

Quant Time: Apr 09 02:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	306383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	273534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123890	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	93643	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	91660	50.28	ug/l	-0.01
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.18	98	374982	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.49	95	126513	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	85187	49.828	ug/l	97
3) Chloromethane	2.12	50	103996	48.333	ug/l	99
4) Vinyl Chloride	2.26	62	111428	48.654	ug/l	98
5) Bromomethane	2.65	94	68677	48.560	ug/l	98
6) Chloroethane	2.80	64	65338	49.469	ug/l	99
7) Trichlorofluoromethane	3.13	101	147795	49.970	ug/l	97
8) Diethyl Ether	3.53	74	63294	50.339	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	99745	49.647	ug/l	98
10) Methyl Iodide	4.10	142	120718	51.692	ug/l	99
11) Tert butyl alcohol	4.97	59	54517	275.459	ug/l	98
12) 1,1-Dichloroethene	3.88	96	100548	49.226	ug/l	97
13) Acrolein	3.73	56	60543	249.606	ug/l	99
14) Allyl chloride	4.49	41	167941	50.916	ug/l	99
15) Acrylonitrile	5.18	53	161858	251.727	ug/l	99
16) Acetone	3.95	43	147388	297.471	ug/l	100
17) Carbon Disulfide	4.20	76	337479	49.750	ug/l	99
18) Methyl Acetate	4.48	43	78168	50.863	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	271227	50.509	ug/l	99
20) Methylene Chloride	4.72	84	110928	45.550	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	111491	48.629	ug/l	99
22) Diisopropyl ether	6.13	45	330400	49.775	ug/l	99
23) Vinyl Acetate	6.07	43	1087778	257.156	ug/l	99
24) 1,1-Dichloroethane	6.03	63	187543	49.673	ug/l	97
25) 2-Butanone	7.00	43	210952	269.035	ug/l	100
26) 2,2-Dichloropropane	6.99	77	155624	49.275	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	120427	48.186	ug/l	100
28) Bromochloromethane	7.35	49	81668	50.109	ug/l	98
29) Tetrahydrofuran	7.36	42	133914	258.365	ug/l	98
30) Chloroform	7.52	83	176472	49.585	ug/l	97
31) Cyclohexane	7.79	56	190132	47.975	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	149862	50.590	ug/l	99
36) 1,1-Dichloropropene	7.93	75	149979	49.698	ug/l	100
37) Ethyl Acetate	7.08	43	88050	51.072	ug/l	100
38) Carbon Tetrachloride	7.91	117	128966	49.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	203818	49.649	ug/l	98
40) Benzene	8.17	78	446265	48.740	ug/l	99
41) Methacrylonitrile	7.32	41	45278m	44.520	ug/l	
42) 1,2-Dichloroethane	8.24	62	113404	50.000	ug/l	100
43) Isopropyl Acetate	8.28	43	162932	51.819	ug/l	99
44) Trichloroethene	8.94	130	131125	48.710	ug/l	99
45) 1,2-Dichloropropane	9.22	63	113806	50.095	ug/l	98
46) Dibromomethane	9.31	93	59228	49.863	ug/l	99
47) Bromodichloromethane	9.50	83	136713	50.161	ug/l	98
48) Methyl methacrylate	9.30	41	74138	52.586	ug/l	97
49) 1,4-Dioxane	9.30	88	16351	973.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	424979	259.386	ug/l	99
52) Toluene	10.25	92	271211	49.151	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	154076	51.885	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	180348	50.516	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	87218	50.153	ug/l	97
56) Ethyl methacrylate	10.52	69	128726	51.863	ug/l	99
57) 1,3-Dichloropropane	10.80	76	153385	50.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	327636	254.909	ug/l	99
59) 2-Hexanone	10.84	43	303119	266.572	ug/l	100
60) Dibromochloromethane	10.99	129	95585	51.547	ug/l	99
61) 1,2-Dibromoethane	11.09	107	83481	50.424	ug/l	99
64) Tetrachloroethene	10.72	164	131891	47.692	ug/l	96
65) Chlorobenzene	11.52	112	277320	48.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	93299	49.699	ug/l	99
67) Ethyl Benzene	11.60	91	517443	49.710	ug/l	98
68) m/p-Xylenes	11.71	106	383583	98.387	ug/l	100
69) o-Xylene	12.03	106	182698	49.914	ug/l	99
70) Styrene	12.05	104	313356	49.345	ug/l	100
71) Bromoform	12.21	173	53300	52.209	ug/l #	98
73) Isopropylbenzene	12.33	105	483804	49.708	ug/l	100
74) N-amyl acetate	12.15	43	143734	52.025	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	64284	54.591	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	71484m	49.689	ug/l	
77) Bromobenzene	12.61	156	104859	48.969	ug/l	97
78) n-propylbenzene	12.67	91	596629	49.288	ug/l	100
79) 2-Chlorotoluene	12.76	91	326486	49.630	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	399827	49.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38698	52.318	ug/l	97
82) 4-Chlorotoluene	12.86	91	339172	49.192	ug/l	100
83) tert-Butylbenzene	13.08	119	330401	49.004	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	399463	49.697	ug/l	97
85) sec-Butylbenzene	13.26	105	492869	49.071	ug/l	100
86) p-Isopropyltoluene	13.38	119	428066	49.519	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	202830	48.875	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	204379	48.517	ug/l	99
89) n-Butylbenzene	13.70	91	432292	48.787	ug/l	100
90) Hexachloroethane	13.97	117	80845	49.078	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	185329	49.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	15236	53.497	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	119379	48.434	ug/l	98
94) Hexachlorobutadiene	15.12	225	58112	46.811	ug/l	99
95) Naphthalene	15.24	128	273489	50.677	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	102357	47.826	ug/l	100

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

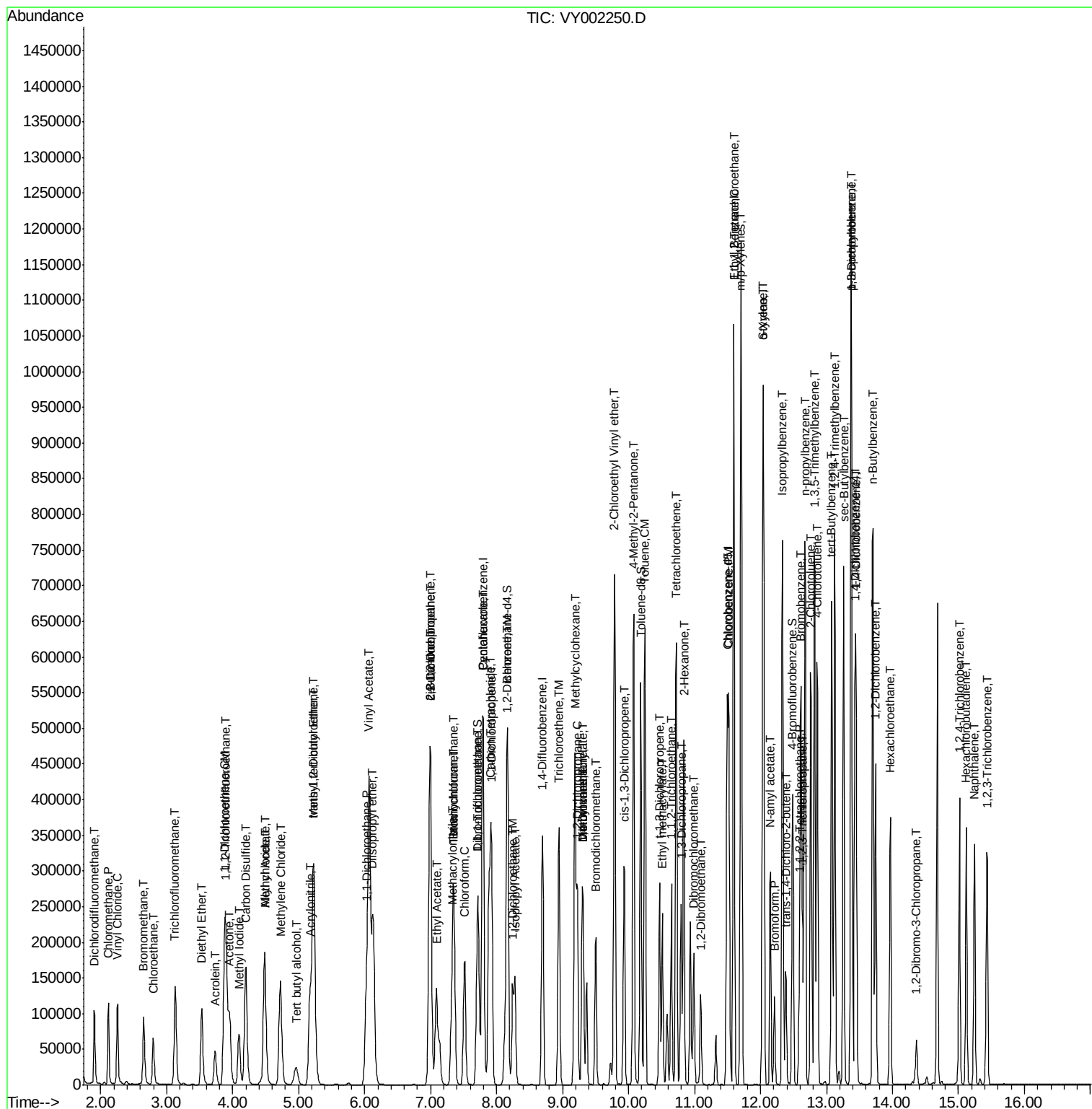
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
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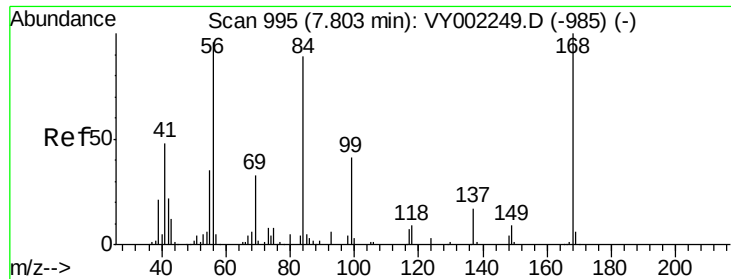
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion:168 Resp: 169160

Ion Ratio Lower Upper

168 100

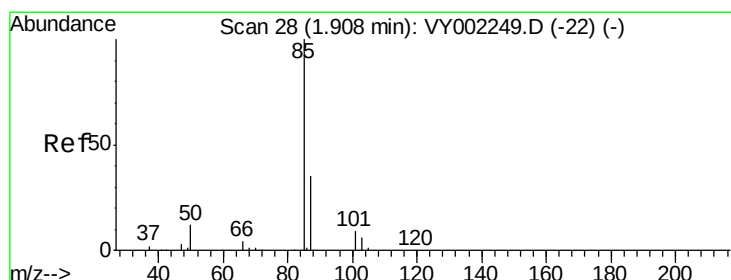
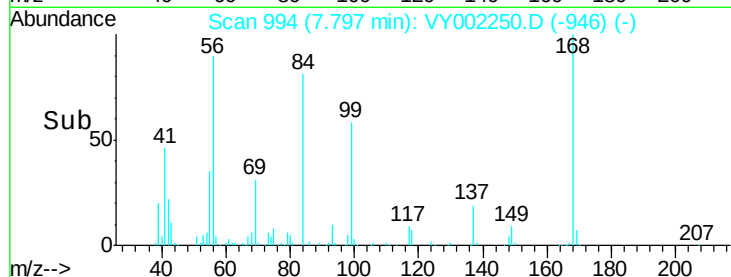
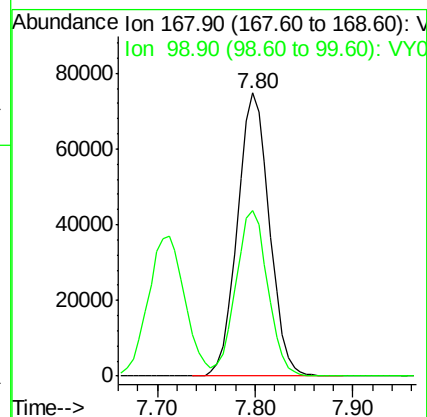
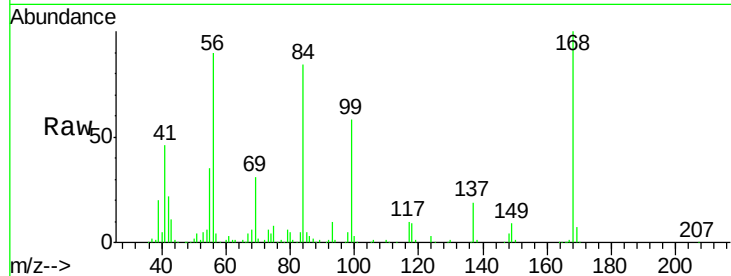
99 58.4 48.0 72.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.828 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002250.D

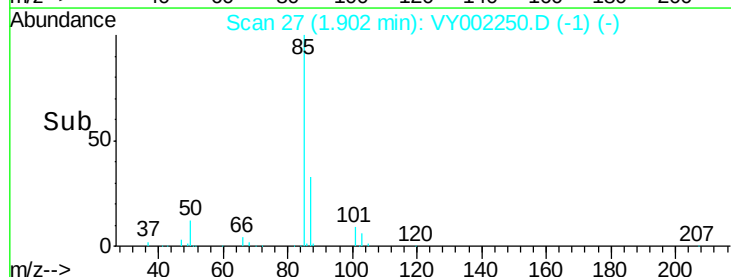
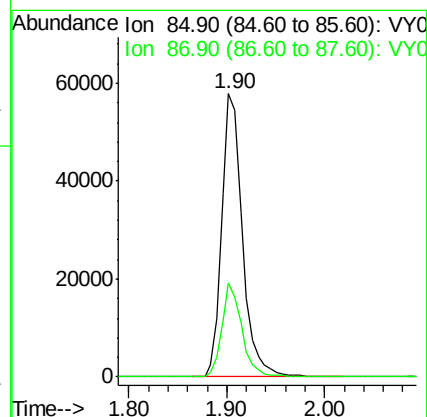
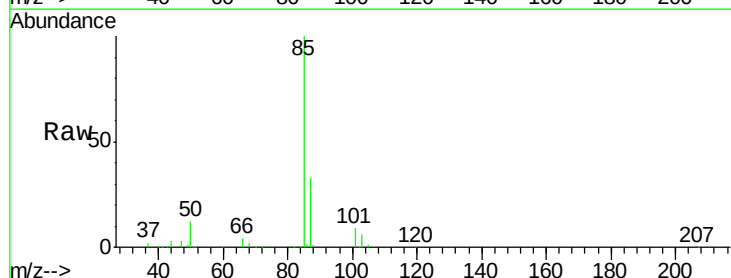
Acq: 08 Apr 2020 14:34

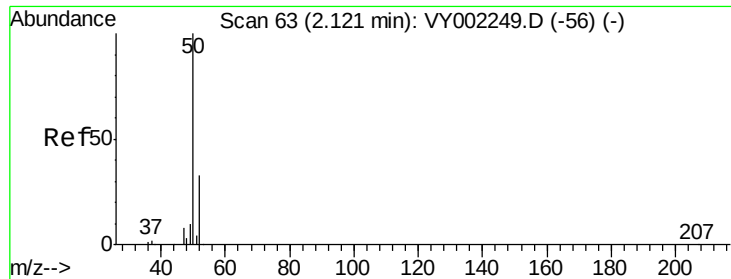
Tgt Ion: 85 Resp: 85187

Ion Ratio Lower Upper

85 100

87 33.1 17.3 51.9





#3

Chloromethane

Concen: 48.333 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 50 Resp: 103996

Ion Ratio Lower Upper

50 100

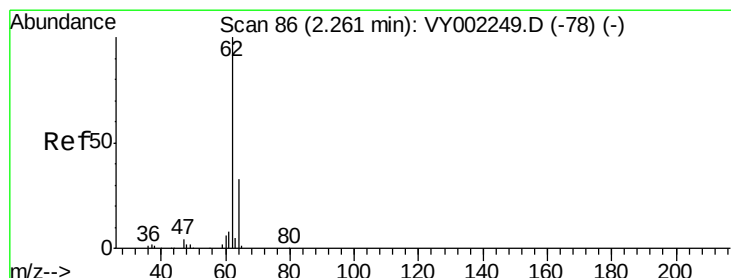
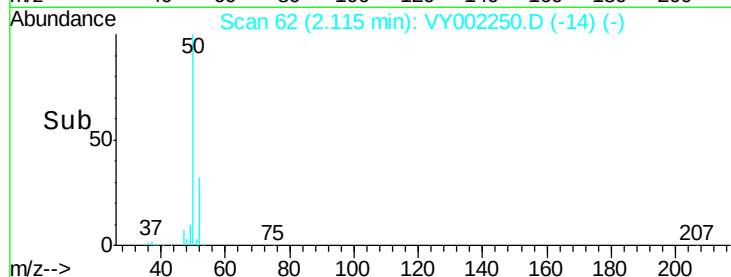
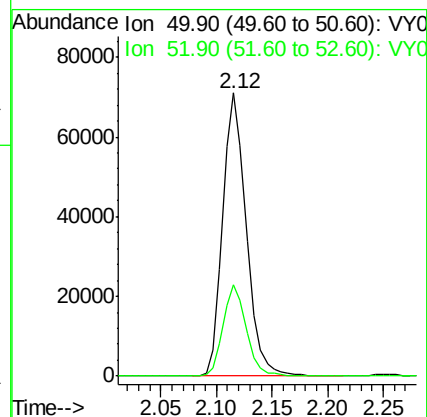
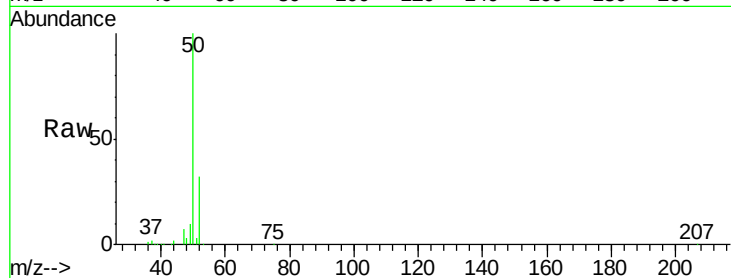
52 32.5 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.654 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002250.D

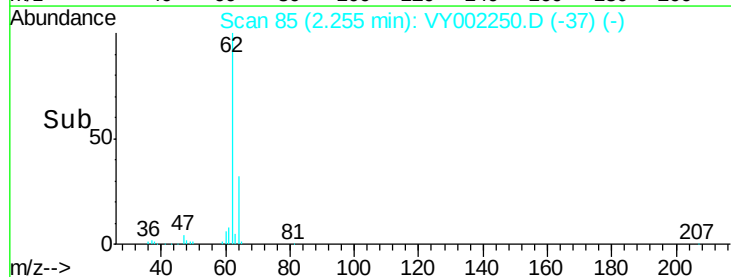
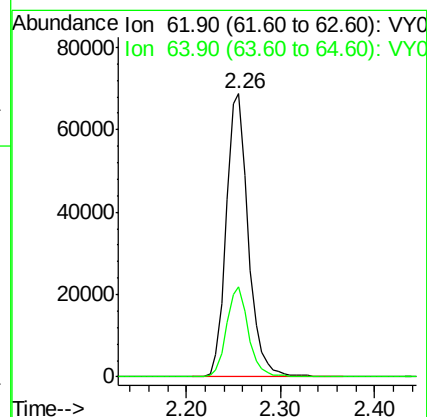
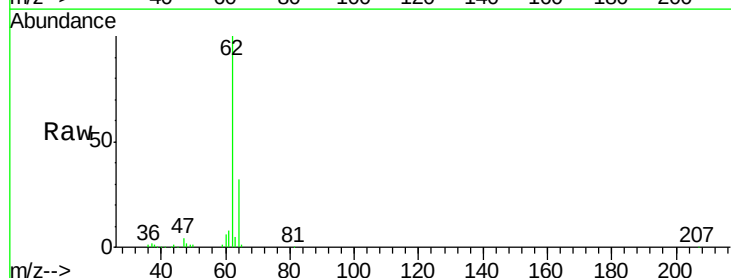
Acq: 08 Apr 2020 14:34

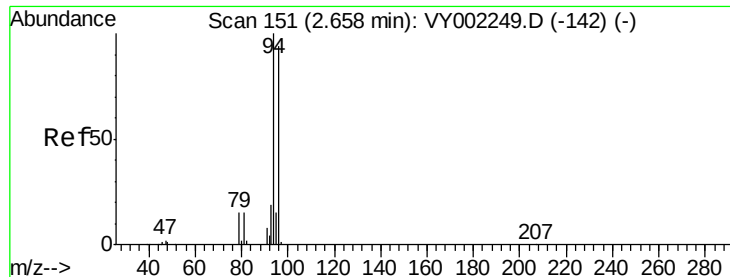
Tgt Ion: 62 Resp: 111428

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 48.560 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

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ClientSampleId :

ICVVY040820

Tot Ion: 94 Resp: 68677

Ion Ratio Lower Upper

94 100

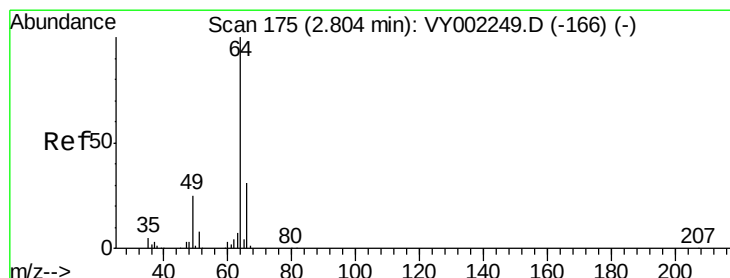
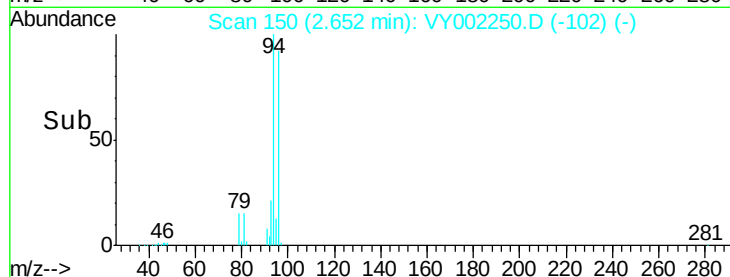
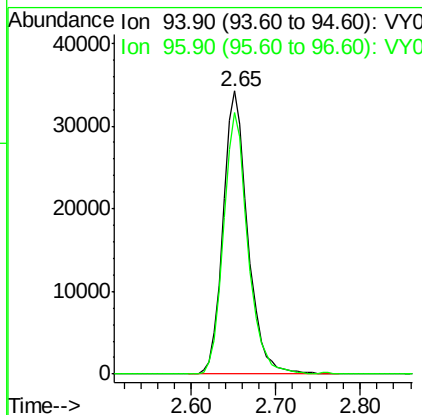
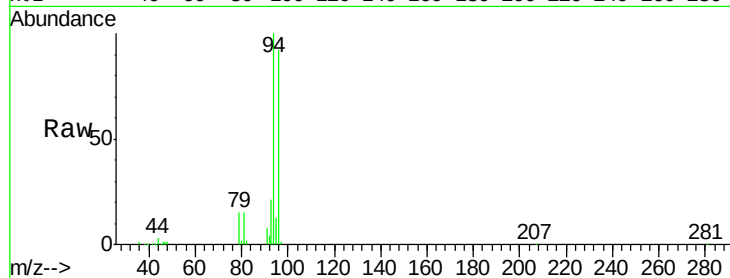
96 92.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 49.469 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002250.D

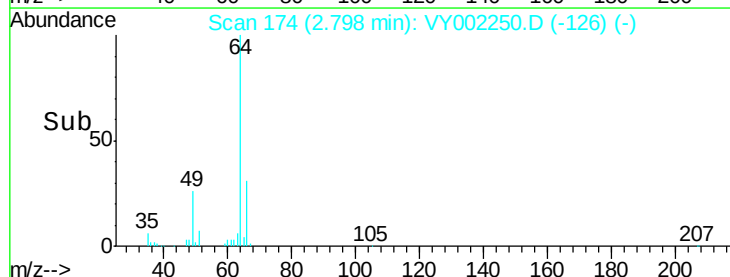
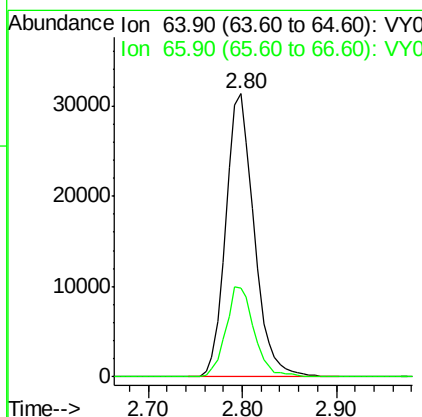
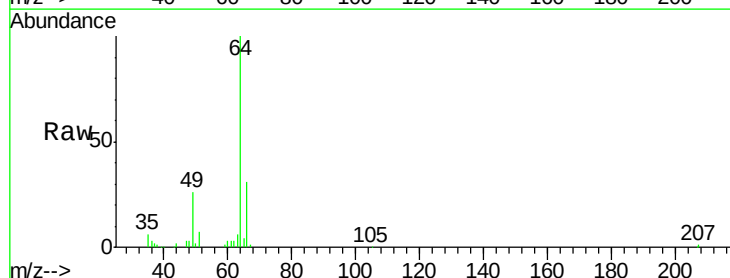
Acq: 08 Apr 2020 14:34

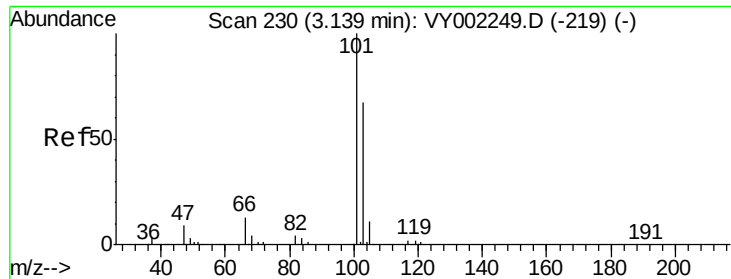
Tgt Ion: 64 Resp: 65338

Ion Ratio Lower Upper

64 100

66 31.4 24.6 37.0





#7

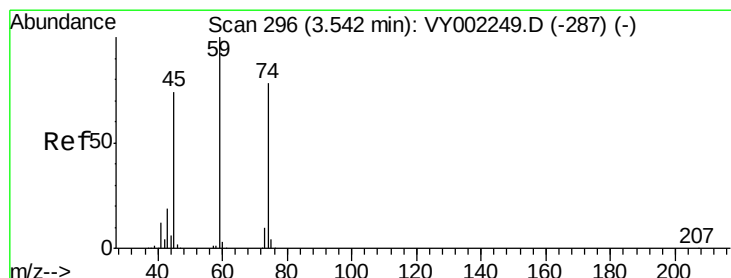
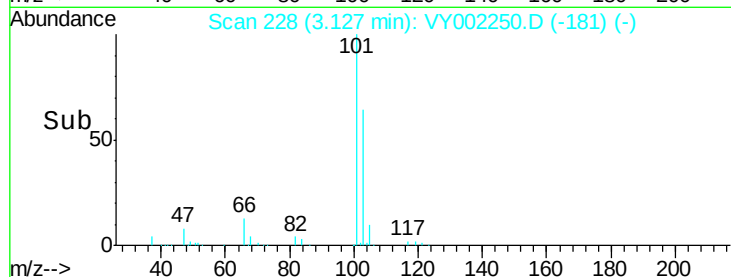
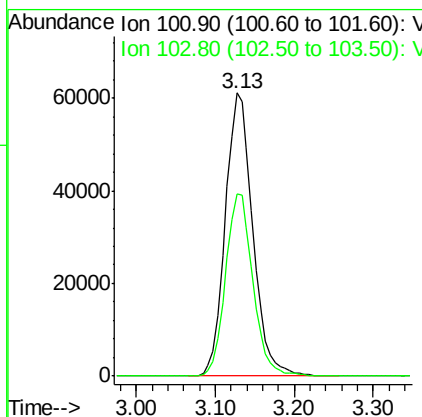
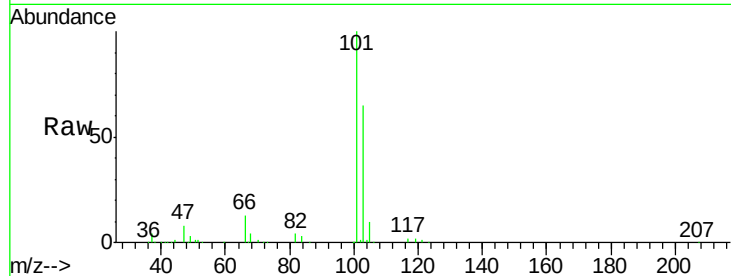
Trichlorofluoromethane
Concen: 49.970 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002250.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	147795		
103	64.5	53.3	79.9	

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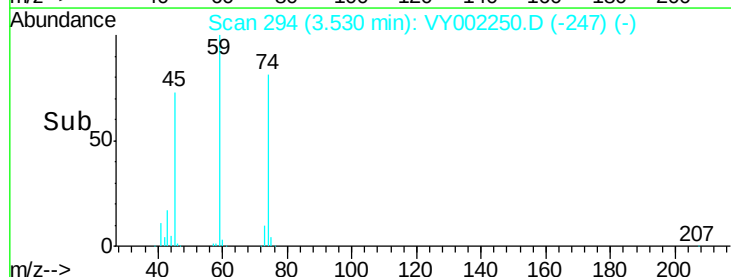
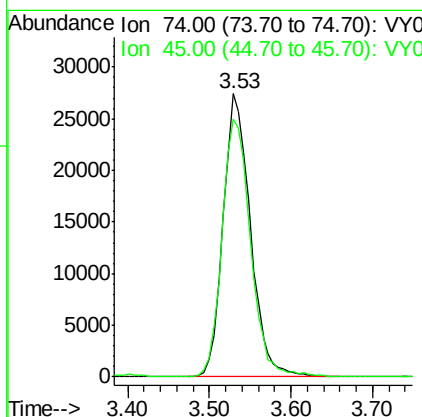
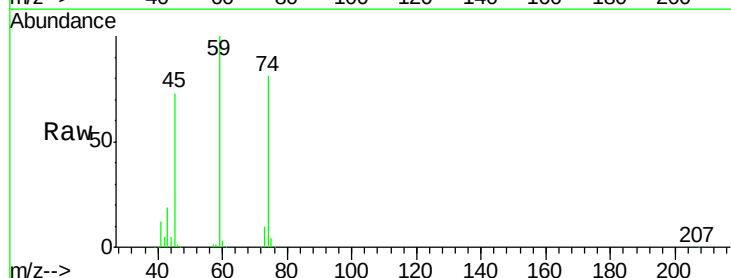
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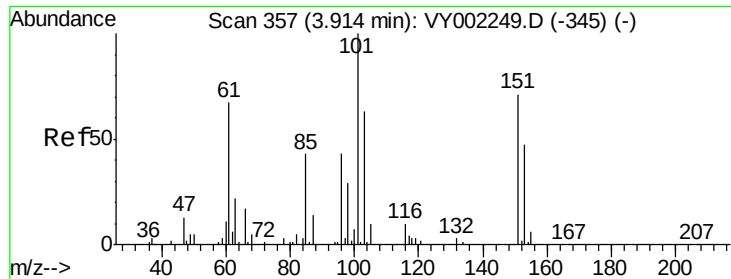


#8

Diethyl Ether
Concen: 50.339 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	63294		
45	95.5	48.0	144.2	





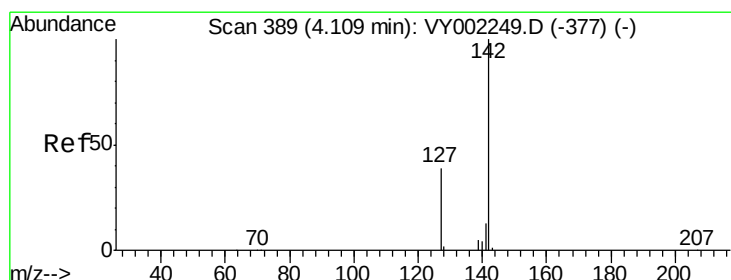
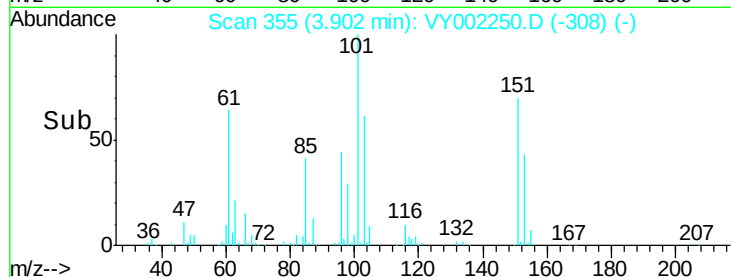
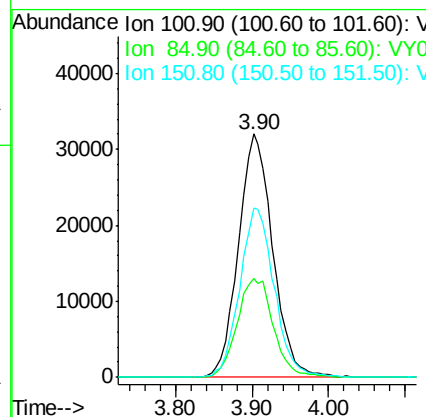
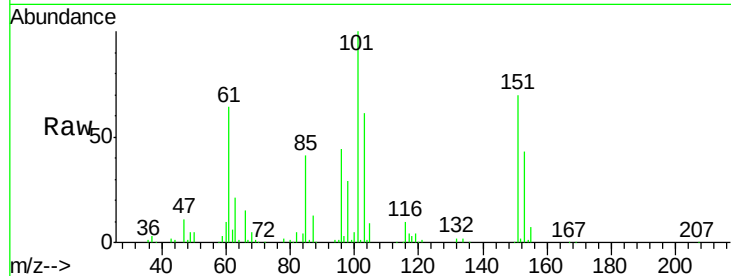
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.647 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.6	52.0
151	70.2	57.6	86.4

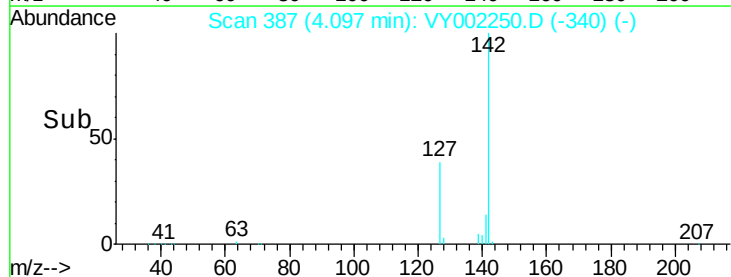
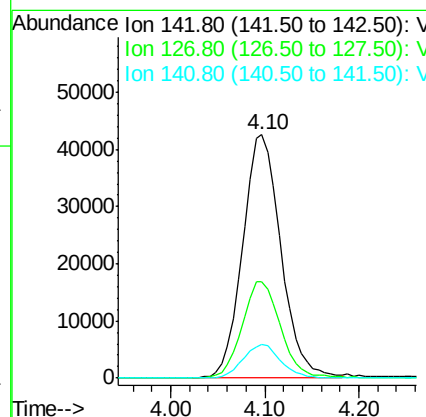
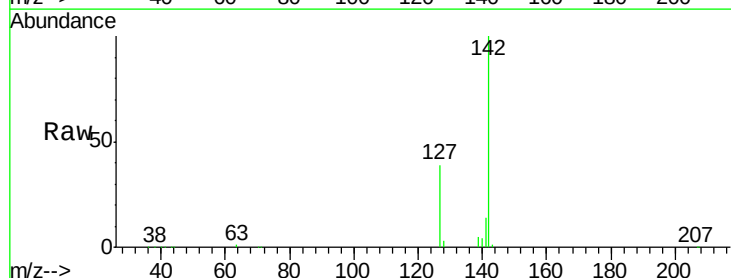
Manual Integrations
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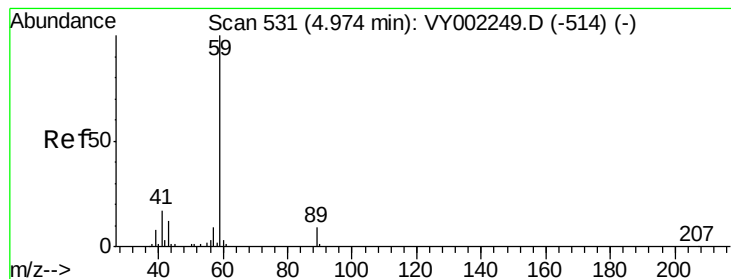
MMDadoda
 4/9/2020 11:32:04 AM



#10
 Methyl Iodide
 Concen: 51.692 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.0	32.4	48.6
141	13.8	11.2	16.8





#11

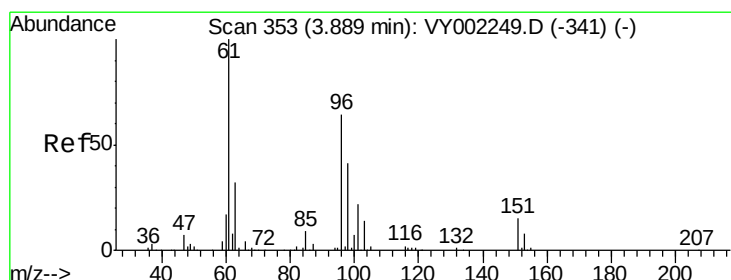
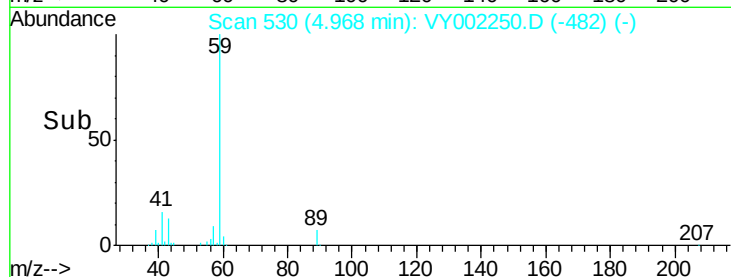
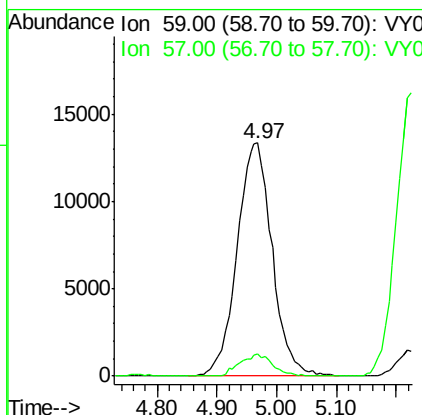
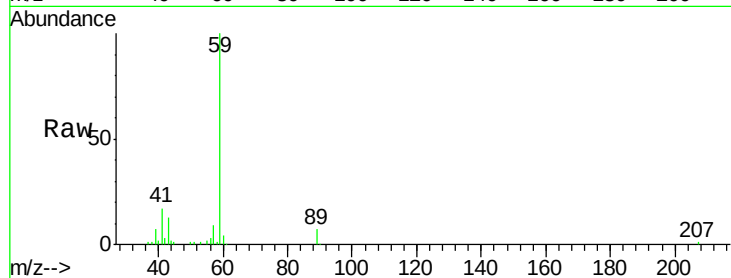
Tert butyl alcohol
 Concen: 275.459 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	59	Resp	54517
Ion Ratio	100	Lower	Upper
57	8.8	6.6	9.8

Manual Integrations
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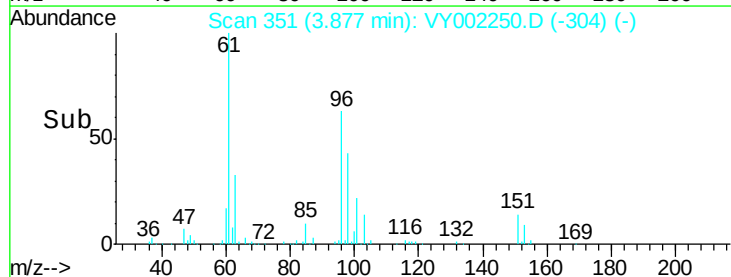
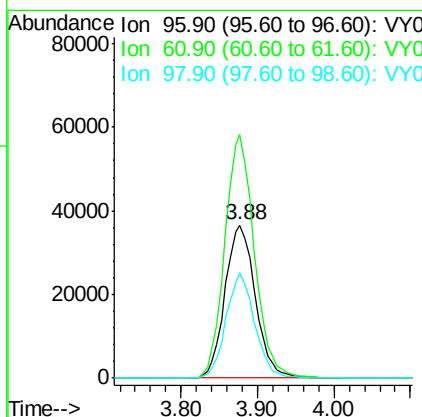
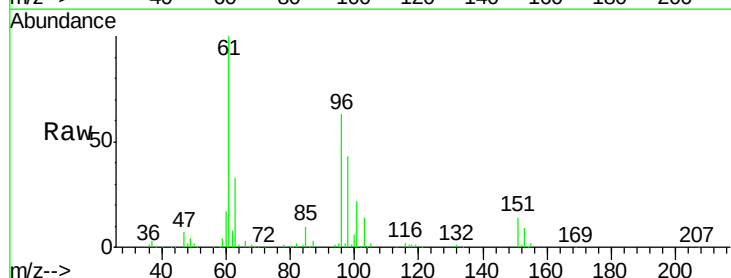
MMDadoda
 4/9/2020 11:32:04 AM

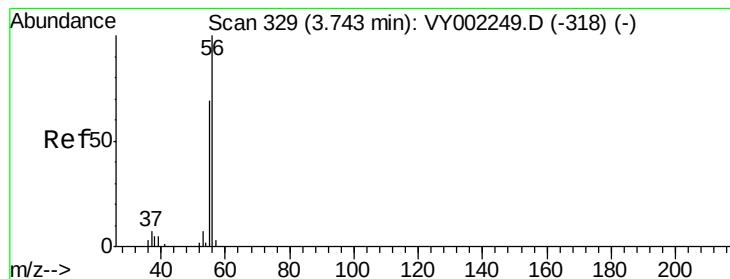


#12

1,1-Dichloroethene
 Concen: 49.226 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	96	Resp	100548
Ion Ratio	100	Lower	Upper
61	159.3	125.9	188.9
98	68.6	51.1	76.7





#13

Acrolein

Concen: 249.606 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 56 Resp: 60543

Ion Ratio Lower Upper

56 100

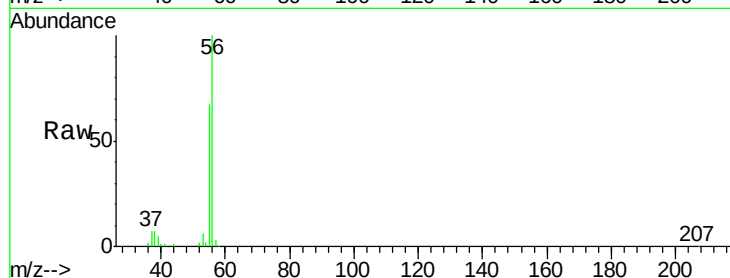
55 70.7 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

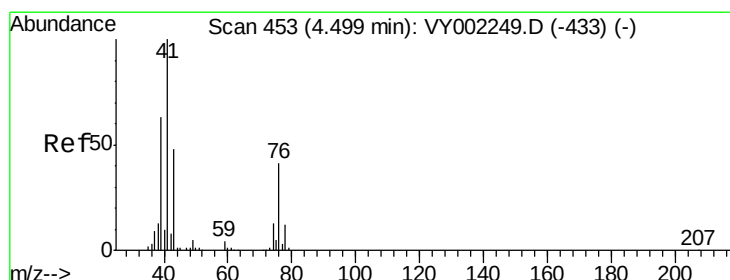
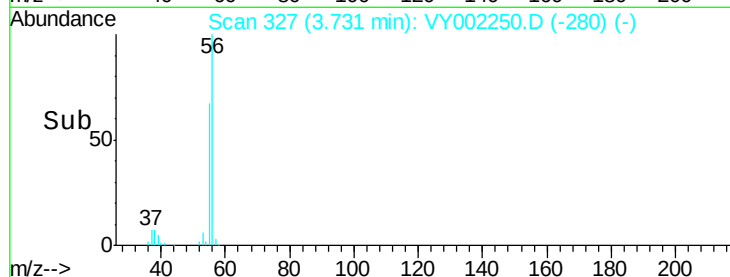
10000

5000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 50.916 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

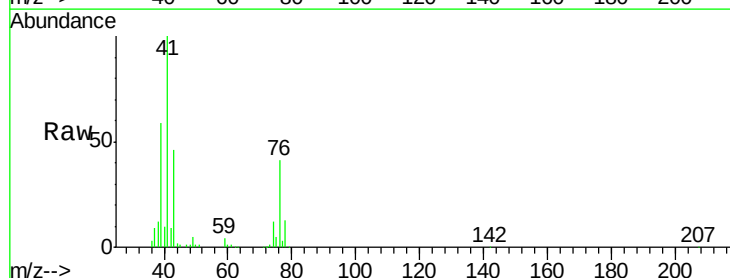
Tgt Ion: 41 Resp: 167941

Ion Ratio Lower Upper

41 100

39 59.6 48.0 72.0

76 37.8 31.0 46.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

80000

60000

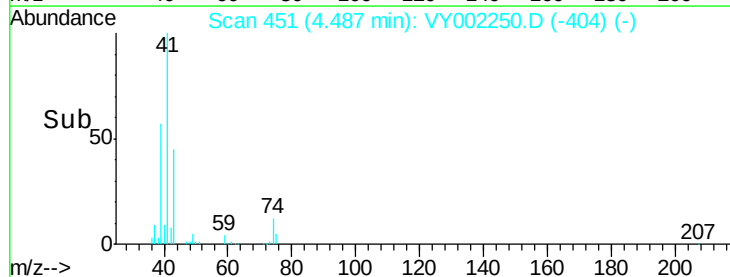
40000

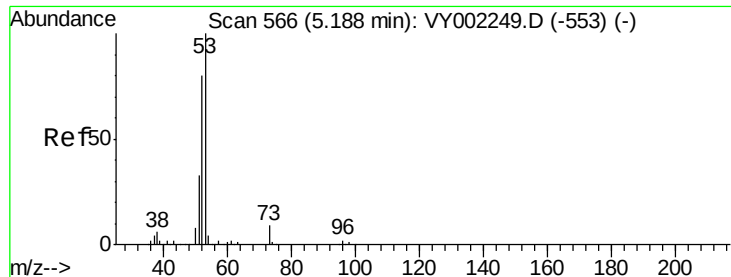
20000

0

4.40 4.49 4.60

Time-->





#15

Acrylonitrile

Concen: 251.727 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

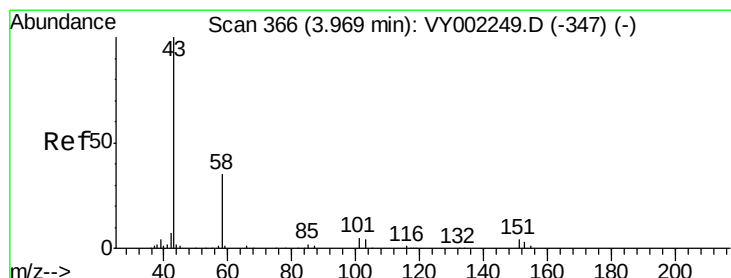
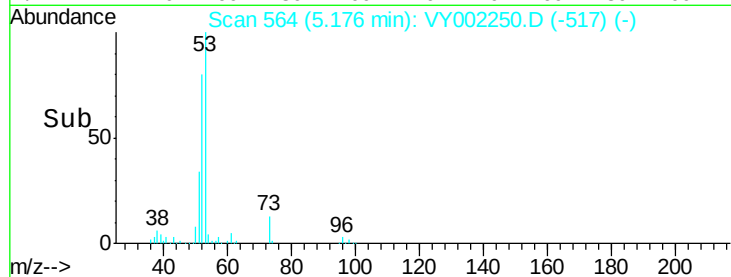
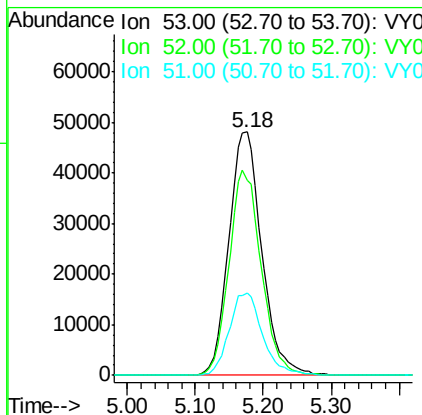
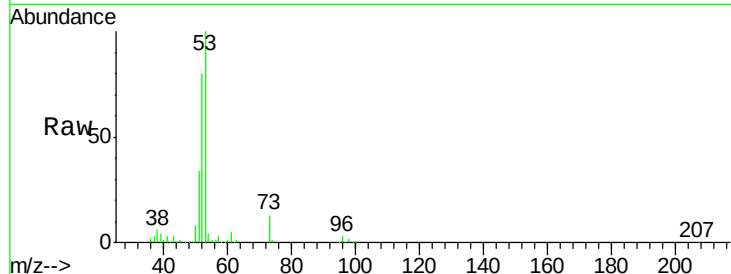
ClientSampleId :

ICVY040820

Tot Ion:	53	Resp:	161858
Ion Ratio		Lower	Upper
53	100		
52	82.4	65.1	97.7
51	34.3	27.1	40.7

Manual Integrations
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#16

Acetone

Concen: 297.471 ug/l

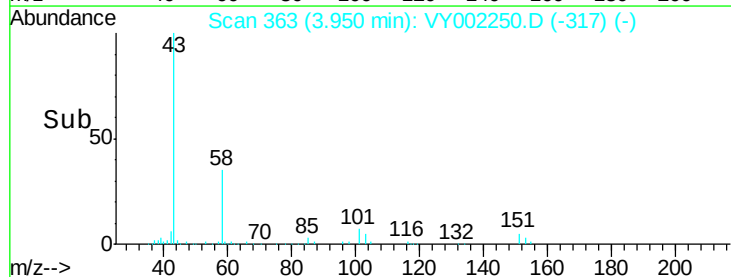
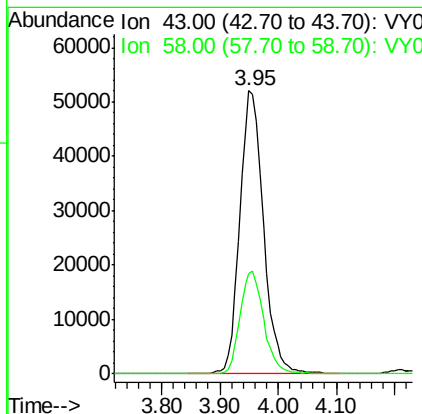
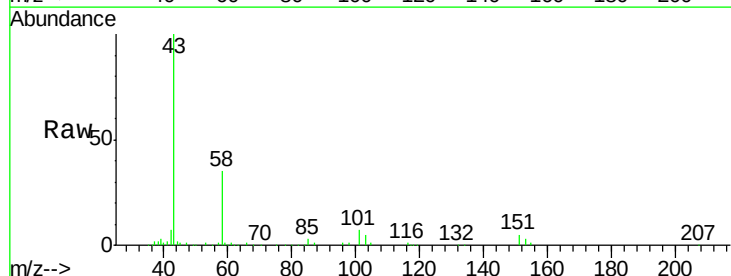
RT: 3.95 min Scan# 363

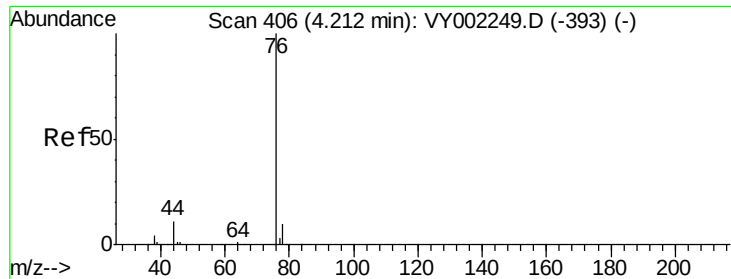
Delta R.T. -0.02 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	43	Resp:	147388
Ion Ratio		Lower	Upper
43	100		
58	35.3	28.5	42.7





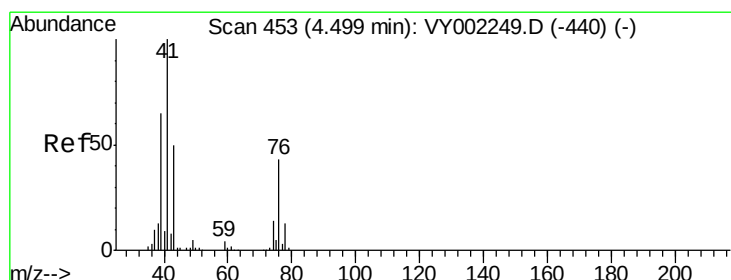
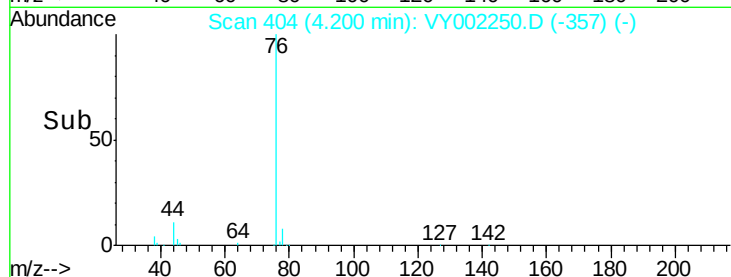
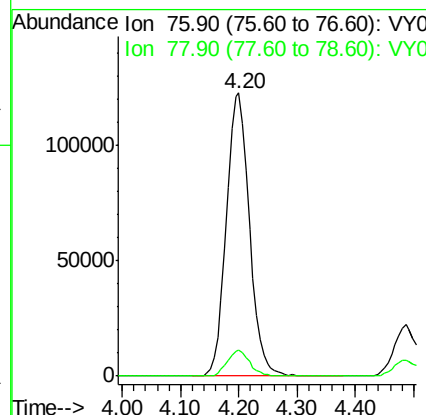
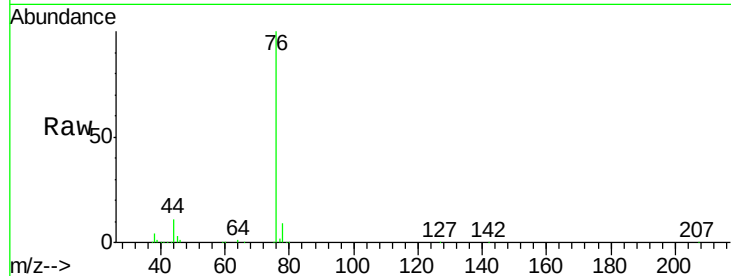
#17
Carbon Disulfide
Concen: 49.750 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.7	11.5

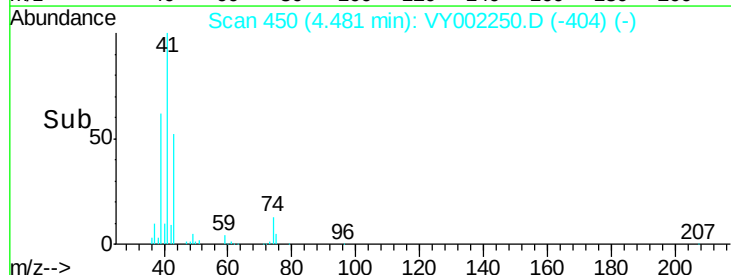
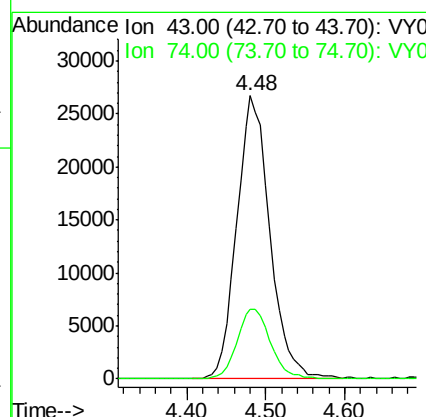
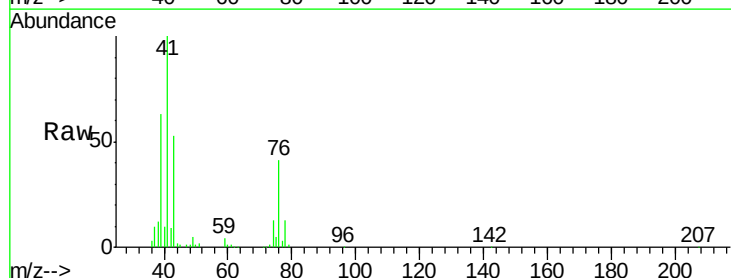
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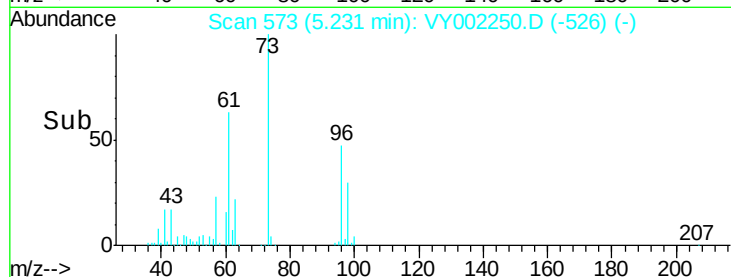
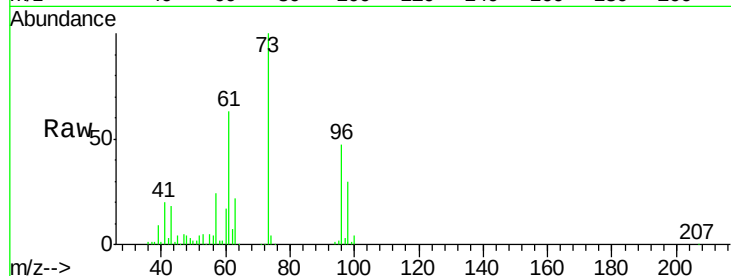
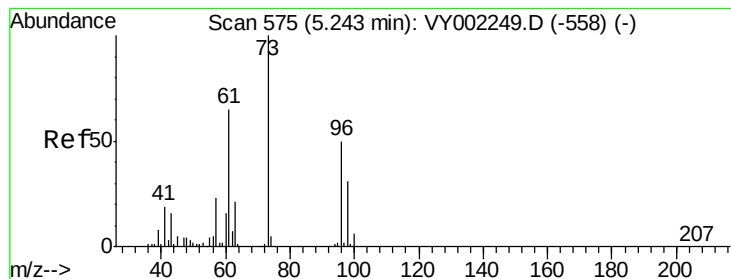
MMDadoda
4/9/2020 11:32:04 AM



#18
Methyl Acetate
Concen: 50.863 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.02 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	20.3	30.5





#19

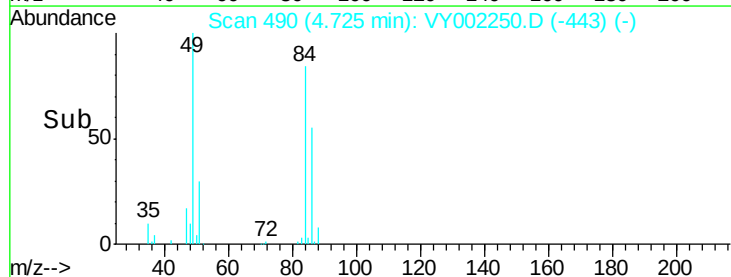
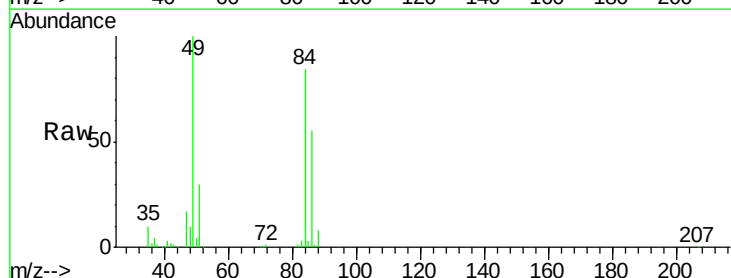
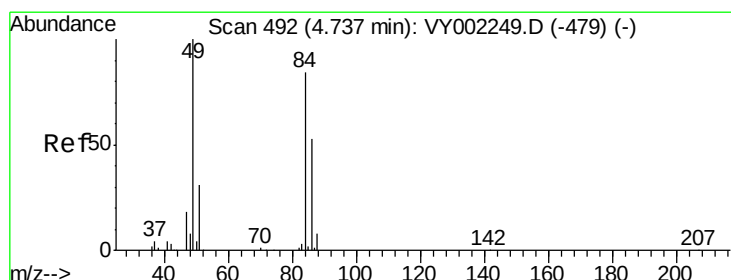
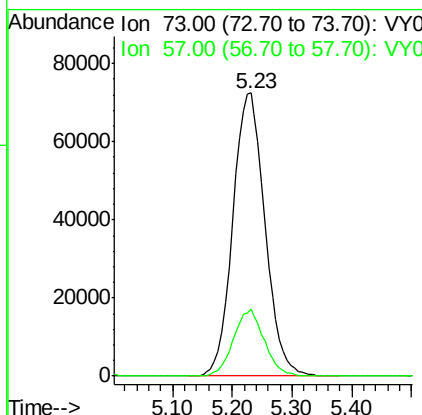
Methyl tert-butyl Ether
Concen: 50.509 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.7	28.1

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

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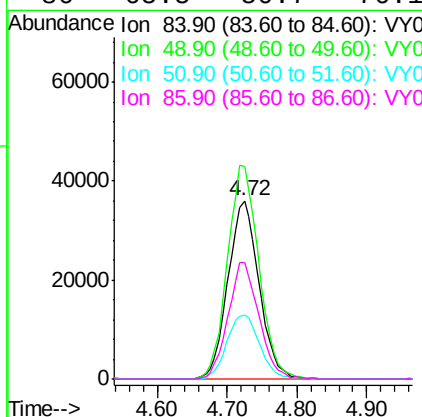
MMDadoda
4/9/2020 11:32:04 AM

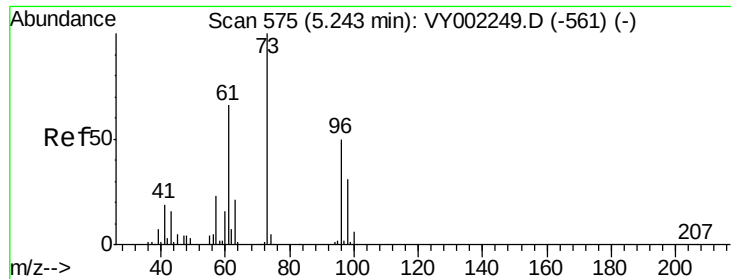


#20

Methylene Chloride
Concen: 45.550 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	95.5	143.3
51	35.6	29.5	44.3
86	65.5	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 48.629 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.02 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

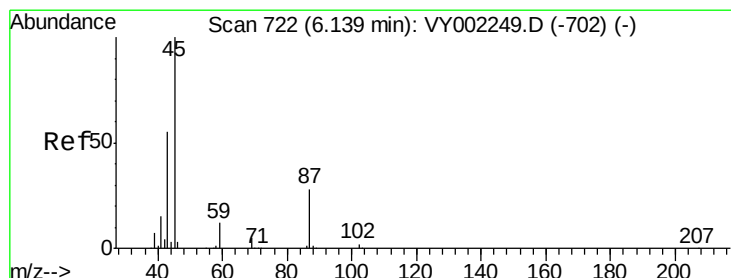
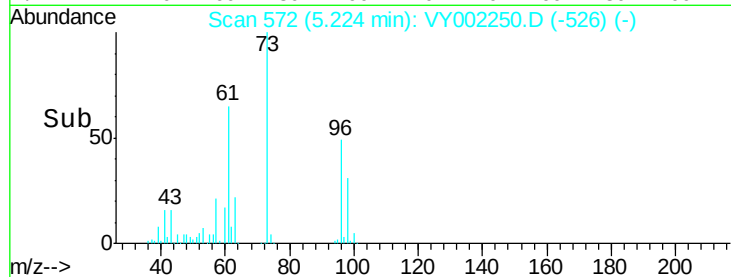
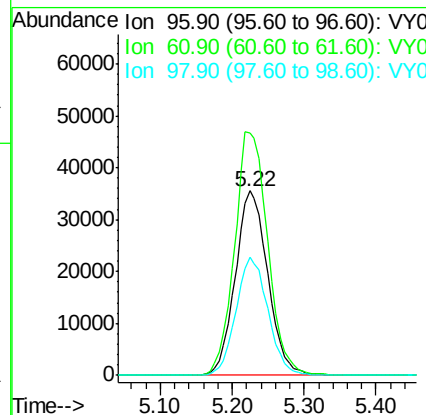
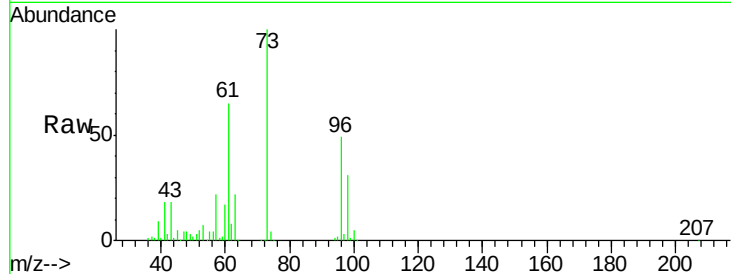
ClientSampleId :

ICVY040820

Tot Ion:	96	Resp:	111491
Ion	Ratio	Lower	Upper
96	100		
61	131.3	104.6	157.0
98	63.8	50.1	75.1

Manual Integrations
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4/9/2020 11:32:04 AM



#22

Diisopropyl ether

Concen: 49.775 ug/l

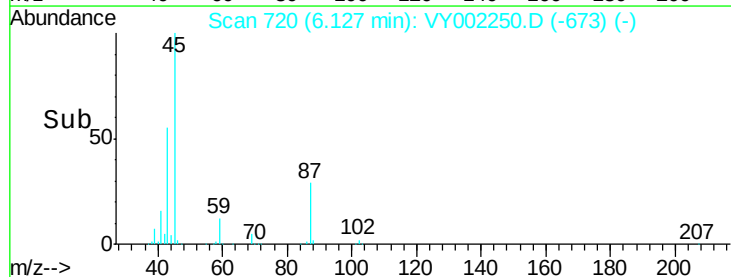
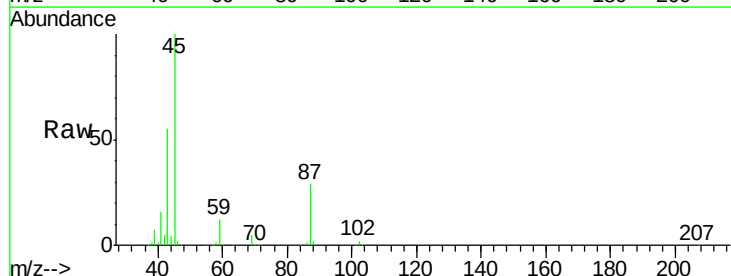
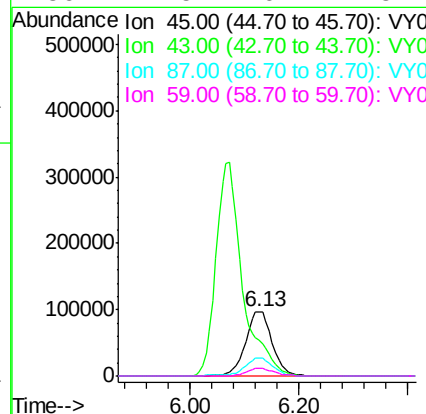
RT: 6.13 min Scan# 720

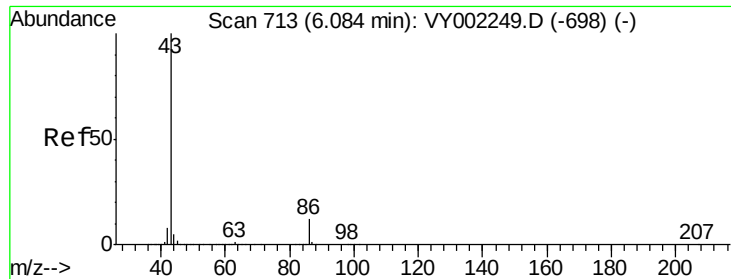
Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	45	Resp:	330400
Ion	Ratio	Lower	Upper
45	100		
43	54.9	44.7	67.1
87	28.6	23.0	34.4
59	12.5	10.1	15.1





#23

Vinyl Acetate

Concen: 257.156 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tot Ion: 43 Resp: 1087778

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8

Instrument :

MSVOA_Y

ClientSampleId :

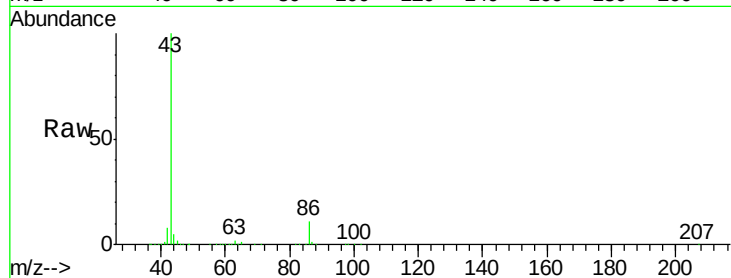
ICVY040820

Manual Integrations

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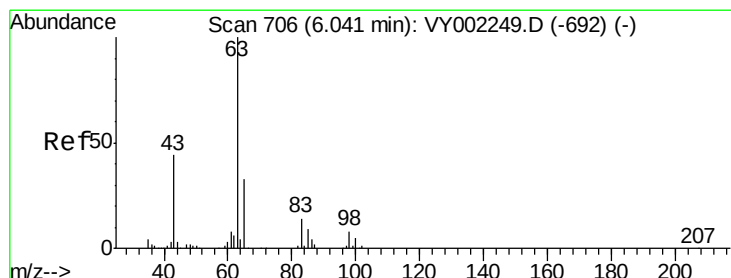
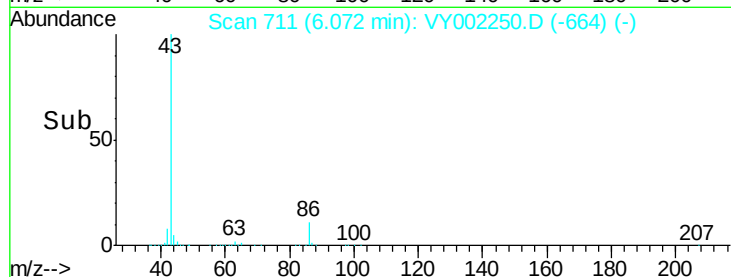
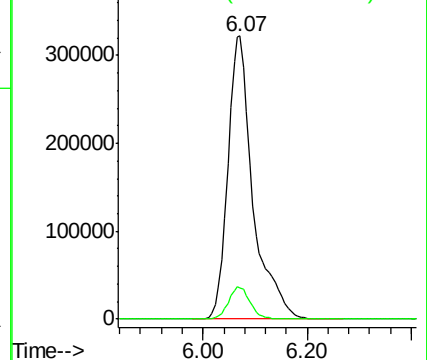
MMDadoda

4/9/2020 11:32:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.673 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

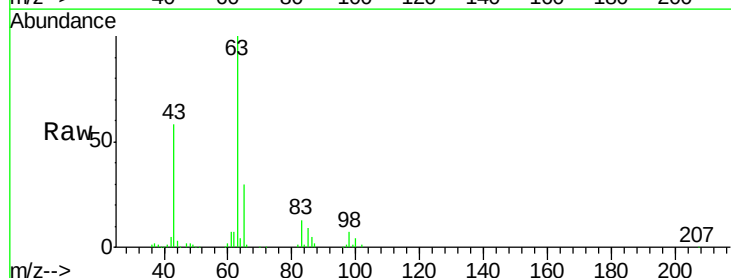
Tgt Ion: 63 Resp: 187543

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.0

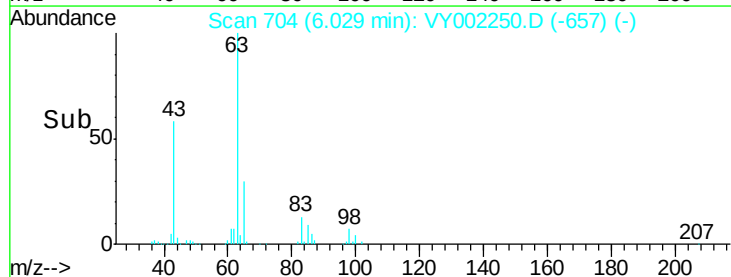
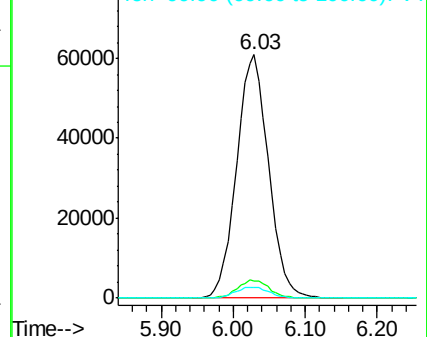
100 4.3 2.4 7.1

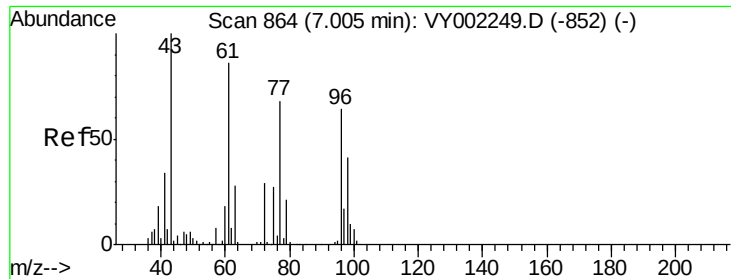


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 269.035 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 43 Resp: 210952

Ion Ratio Lower Upper

43 100

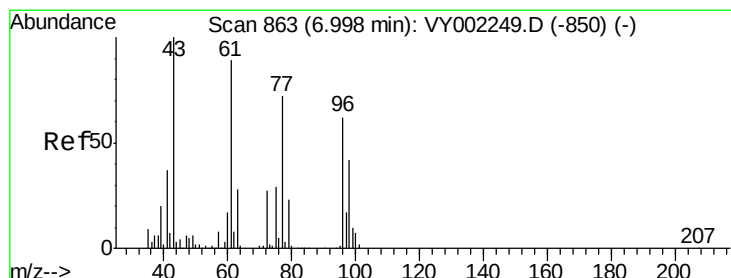
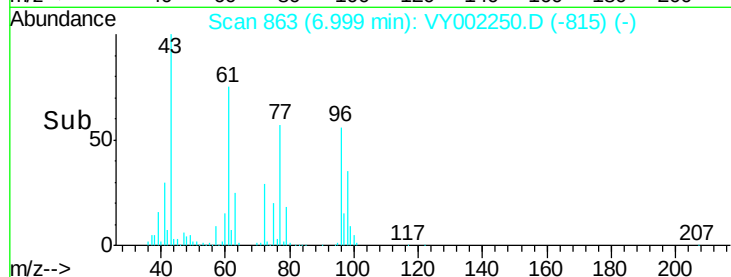
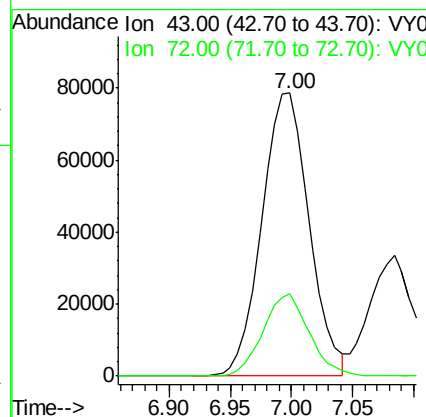
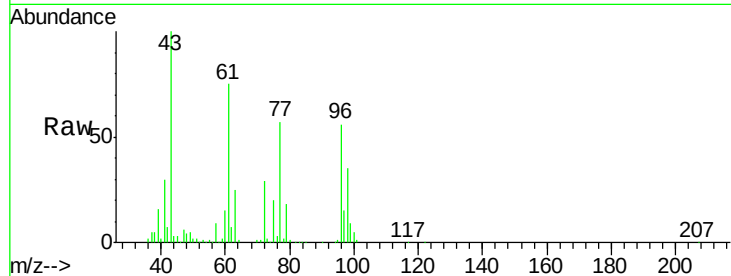
72 28.9 23.2 34.8

Manual Integrations

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MMDadoda

4/9/2020 11:32:04 AM



#26

2,2-Dichloropropane

Concen: 49.275 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002250.D

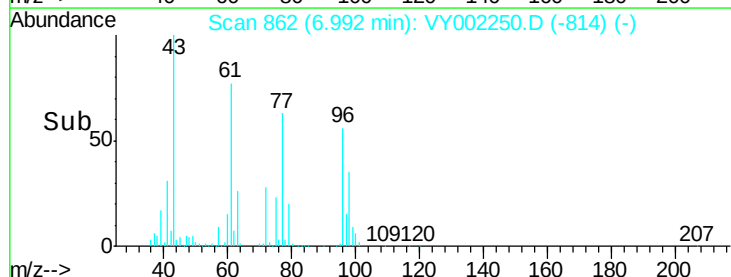
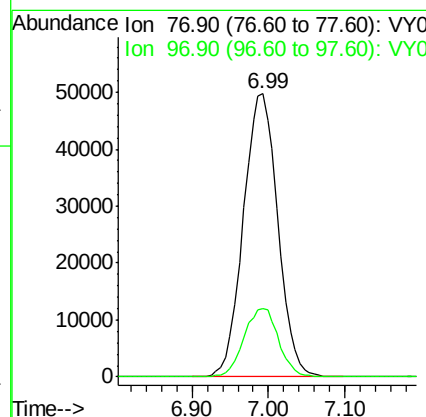
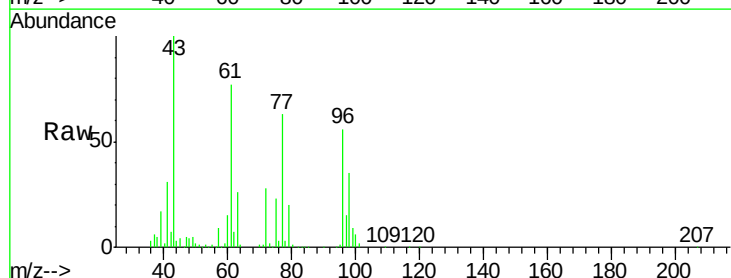
Acq: 08 Apr 2020 14:34

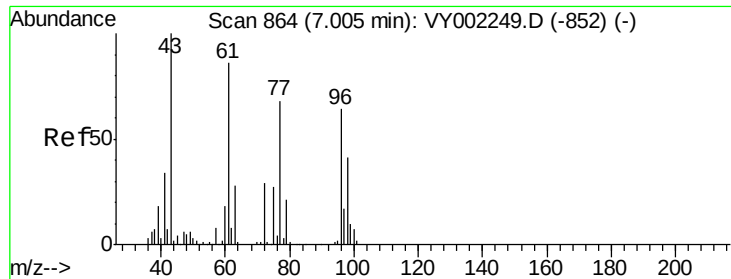
Tgt Ion: 77 Resp: 155624

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

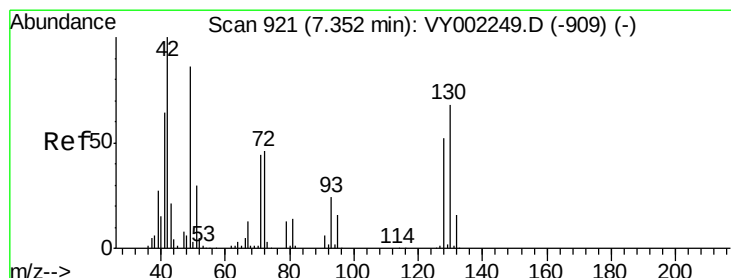
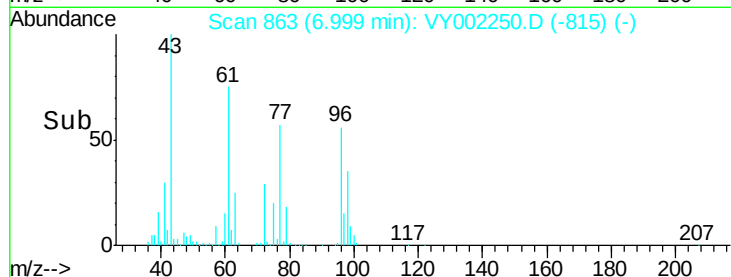
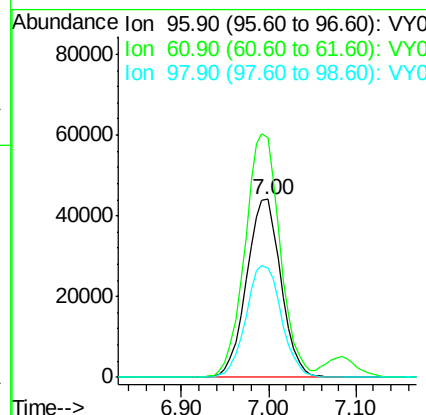
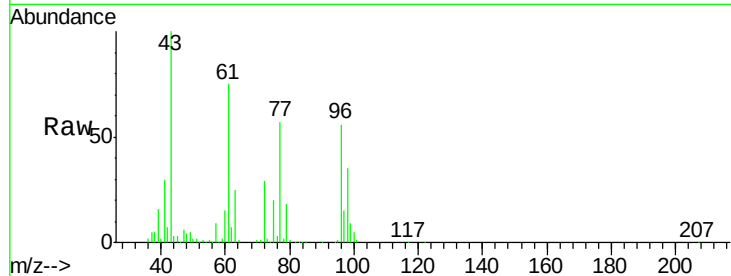
cis-1,2-Dichloroethene
Concen: 48.186 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.2	0.0	278.0	
98	64.7	0.0	128.6	

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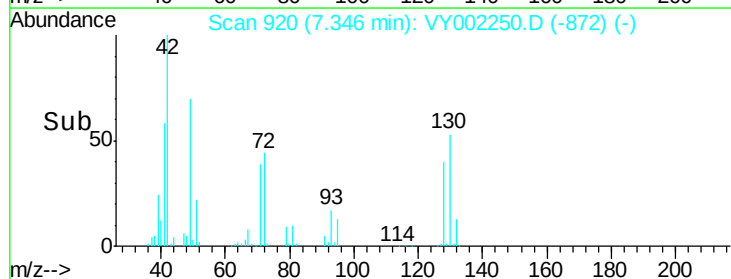
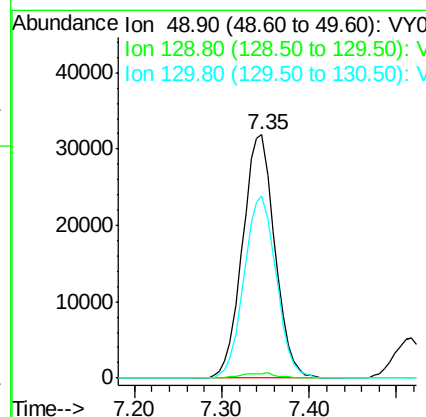
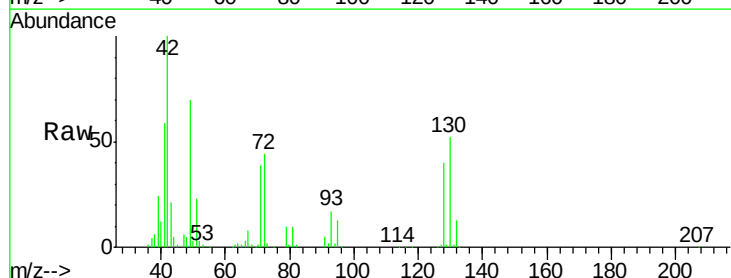
MMDadoda
4/9/2020 11:32:04 AM

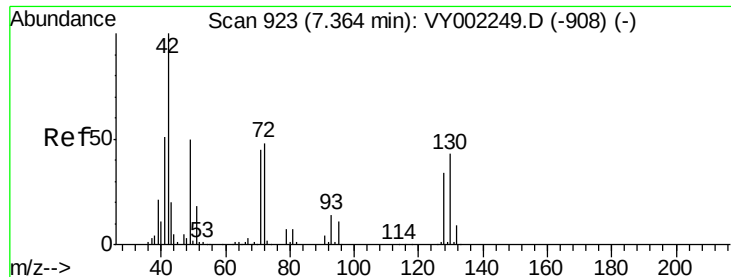


#28

Bromochloromethane
Concen: 50.109 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	74.7	60.9	91.3	





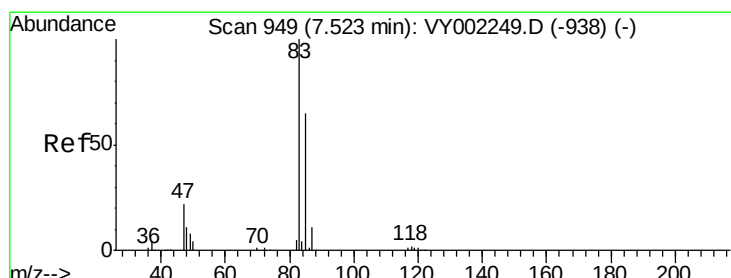
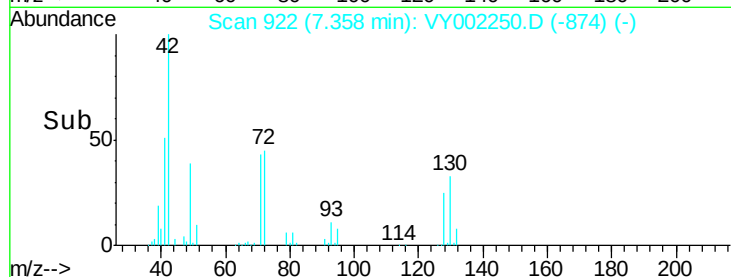
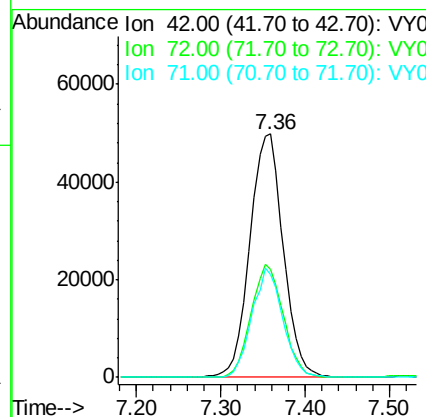
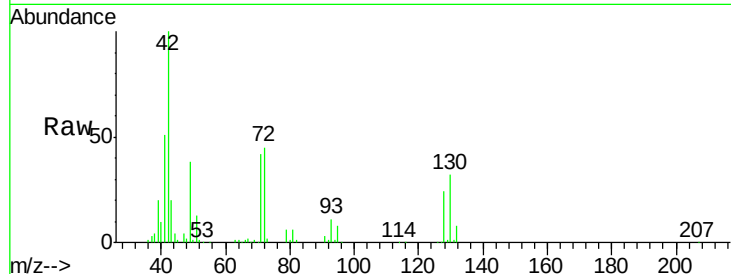
#29
Tetrahydrofuran
Concen: 258.365 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.7	55.1
71	41.5	34.7	52.1

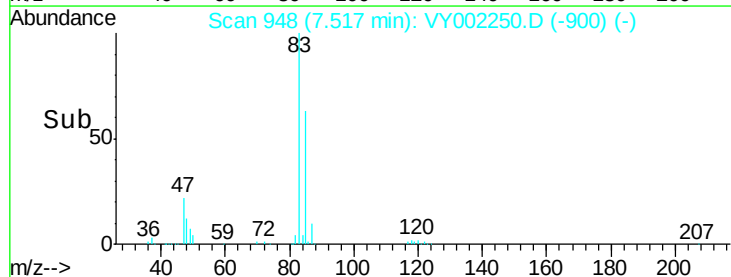
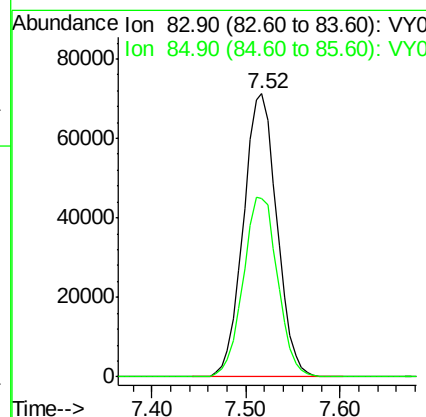
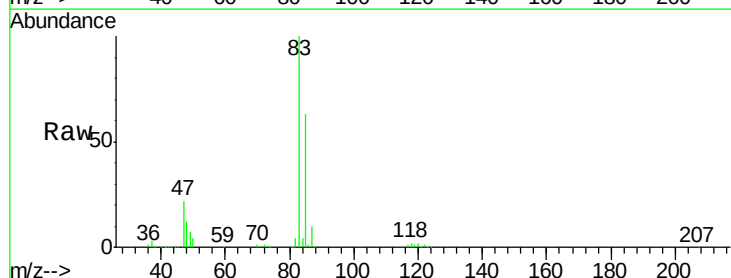
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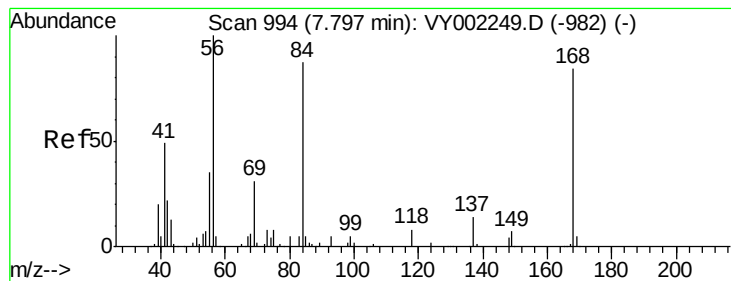
MMDadoda
4/9/2020 11:32:04 AM



#30
Chloroform
Concen: 49.585 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.0	78.0





#31

Cyclohexane

Concen: 47.975 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 56 Resp: 190132

Ion Ratio Lower Upper

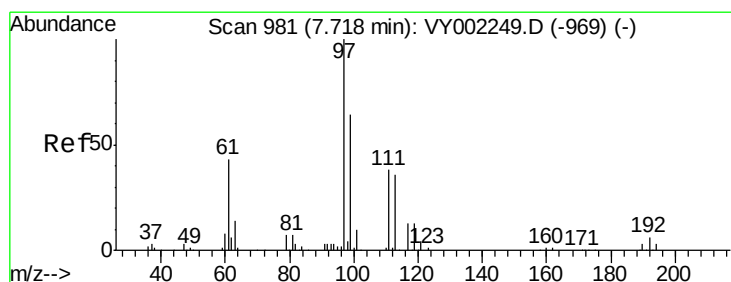
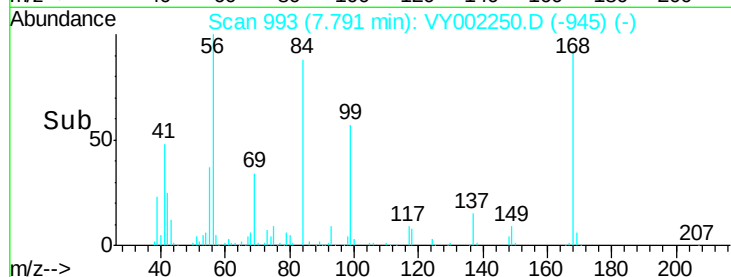
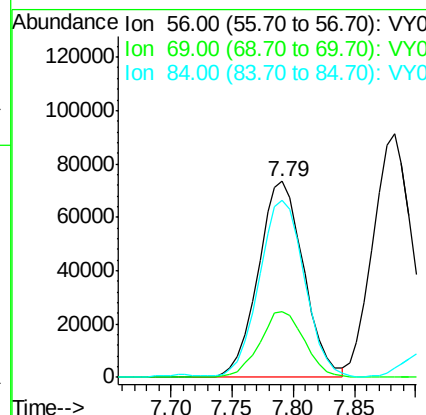
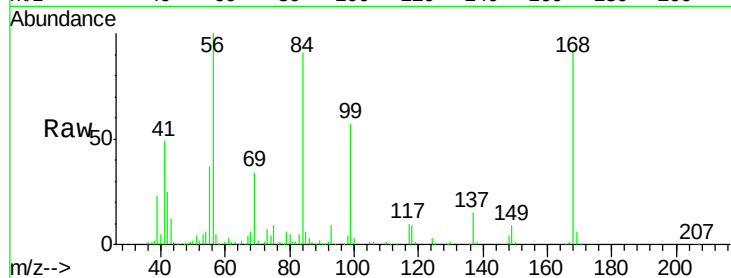
56 100

69 33.6 25.0 37.6

84 89.6 69.7 104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.590 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

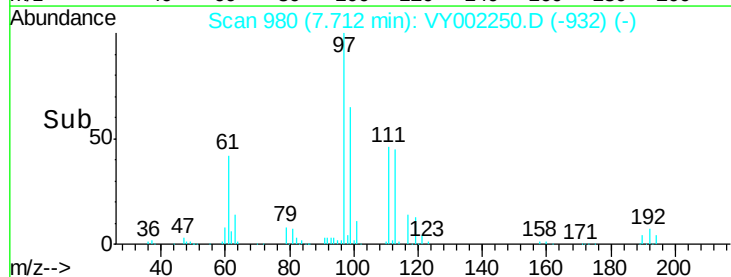
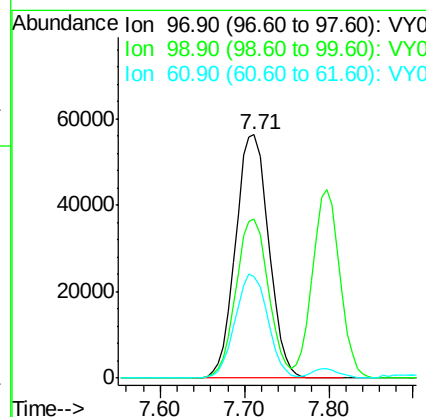
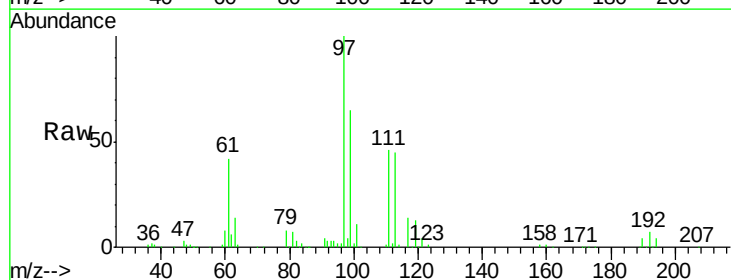
Tgt Ion: 97 Resp: 149862

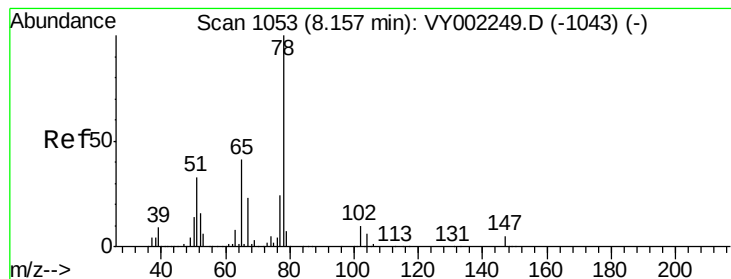
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 42.1 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 65 Resp: 93643

Ion Ratio Lower Upper

65 100

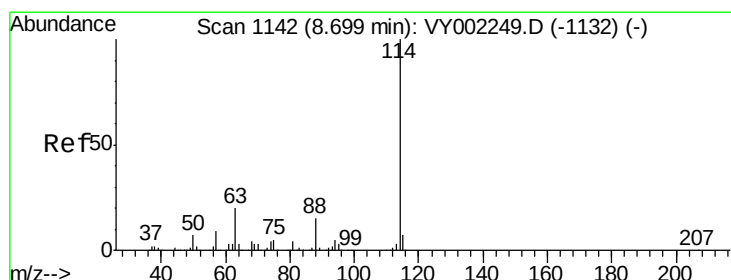
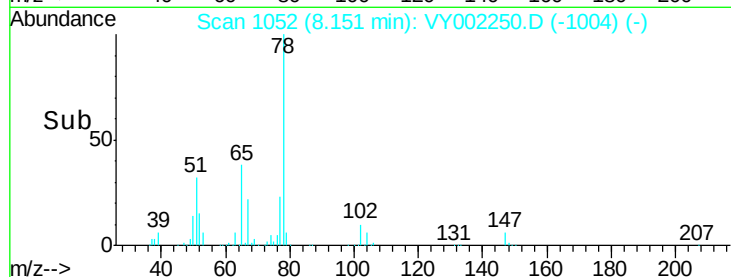
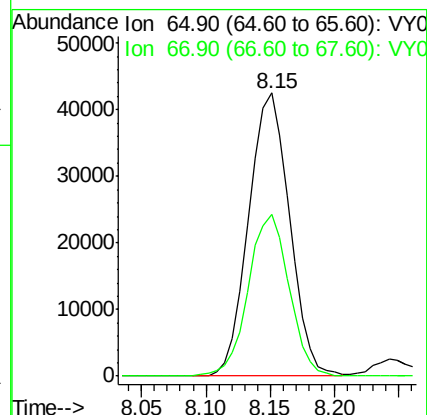
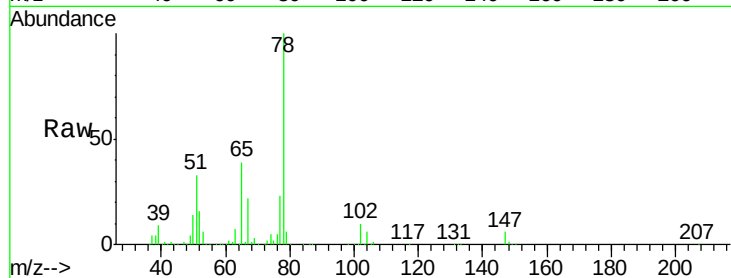
67 56.8 0.0 114.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

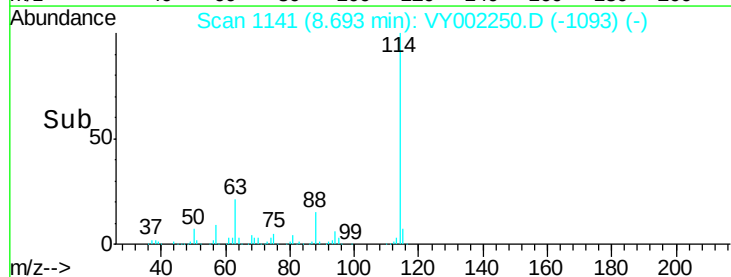
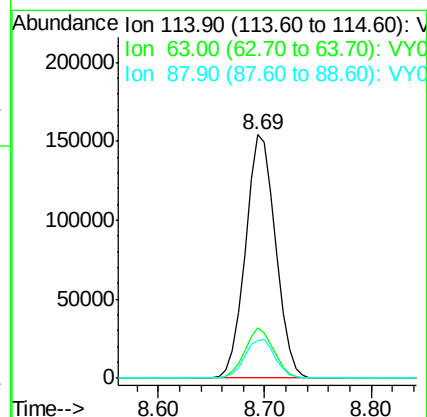
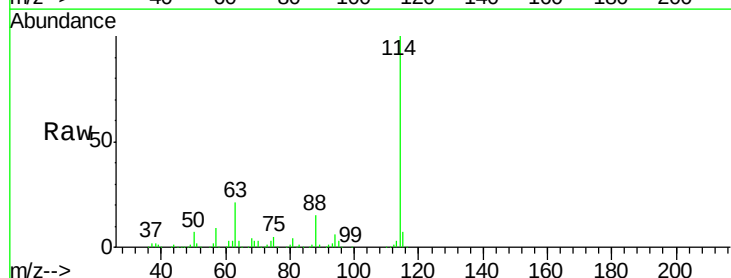
Tgt Ion: 114 Resp: 306383

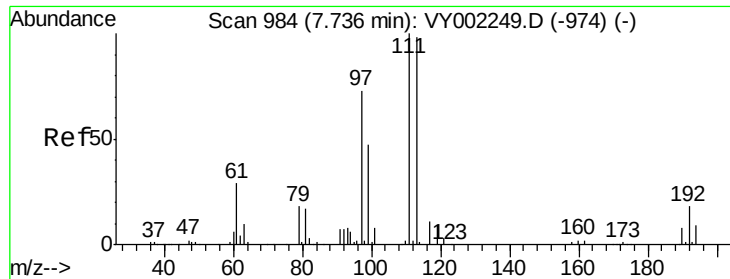
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

88 15.5 0.0 31.0





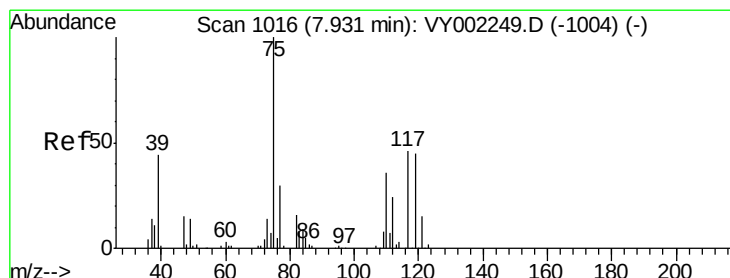
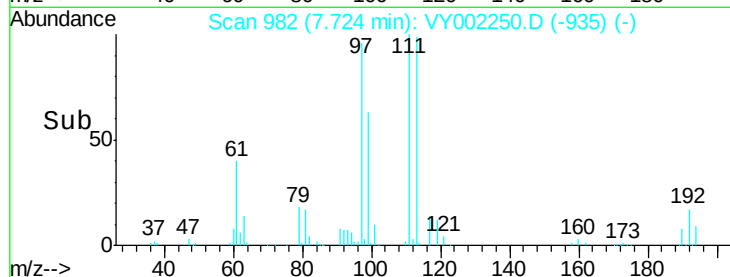
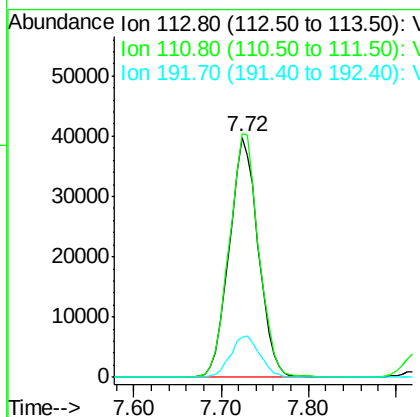
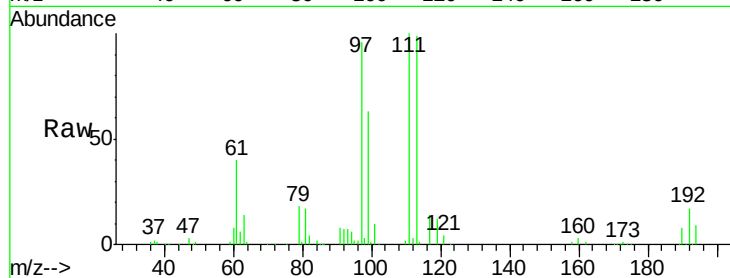
#35
Dibromofluoromethane
Concen: 50.278 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	91660		
111	103.6	83.5	125.3	
192	17.7	14.7	22.1	

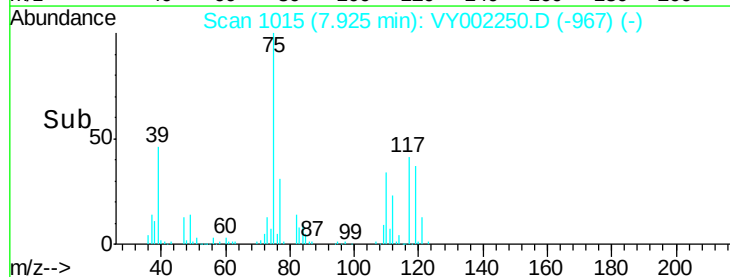
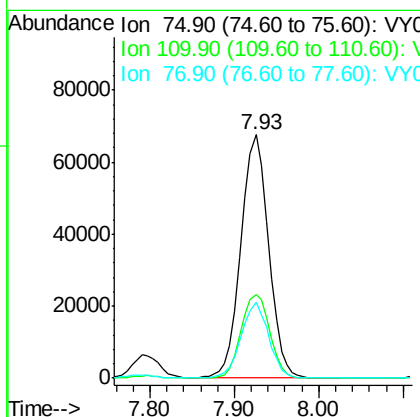
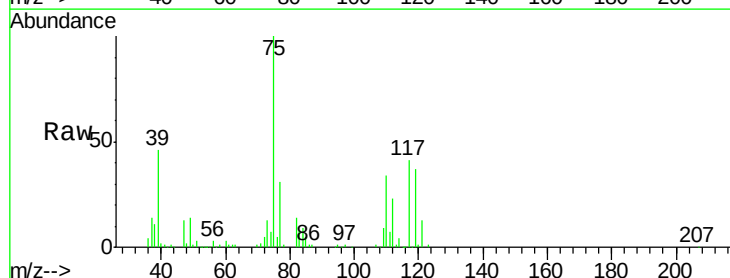
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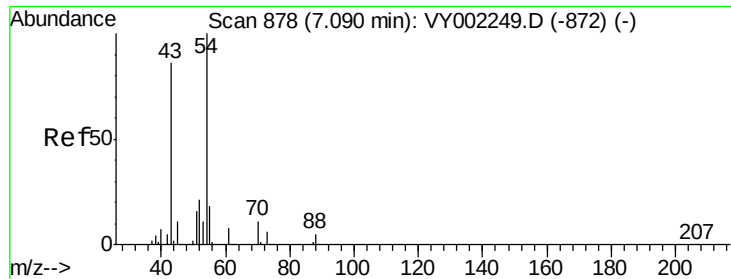
MMDadoda
4/9/2020 11:32:04 AM



#36
1,1-Dichloropropene
Concen: 49.698 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149979		
110	35.6	17.8	53.3	
77	30.9	24.4	36.6	





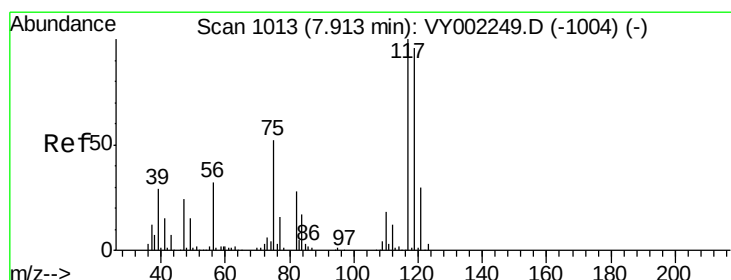
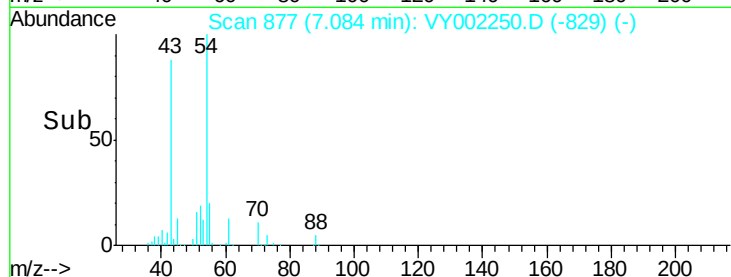
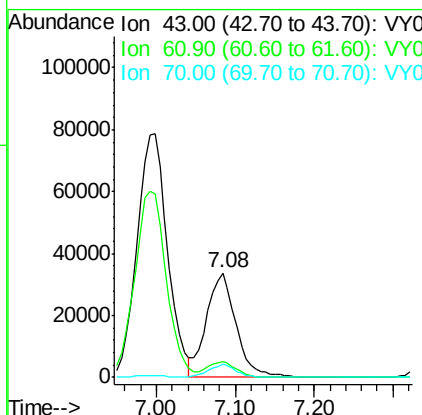
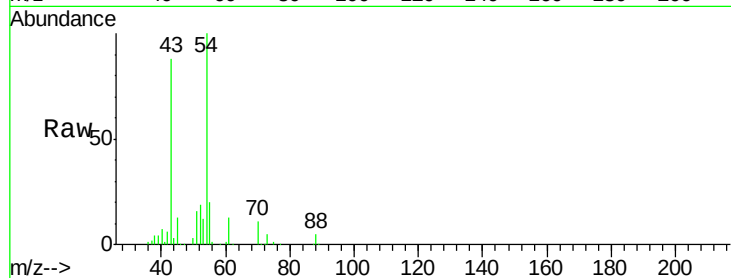
#37
Ethyl Acetate
Concen: 51.072 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleID :
ICVY040820

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.6
70	11.6	9.1	13.7

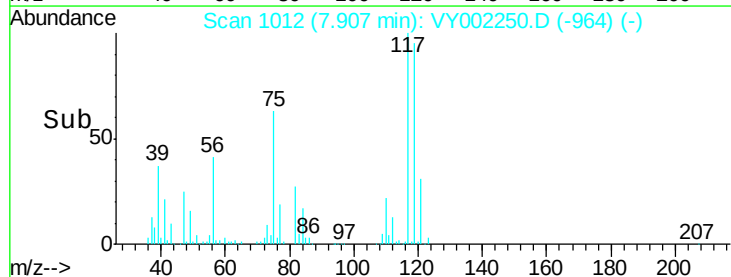
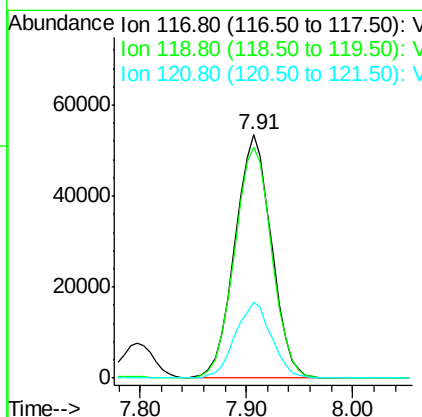
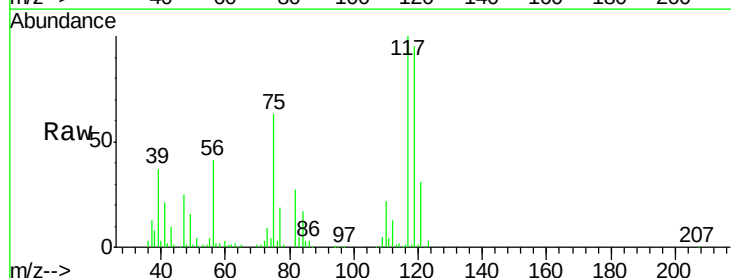
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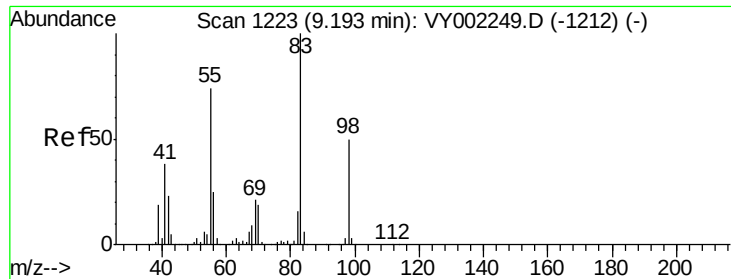
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#38
Carbon Tetrachloride
Concen: 49.961 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.1	115.7
121	31.1	23.9	35.9





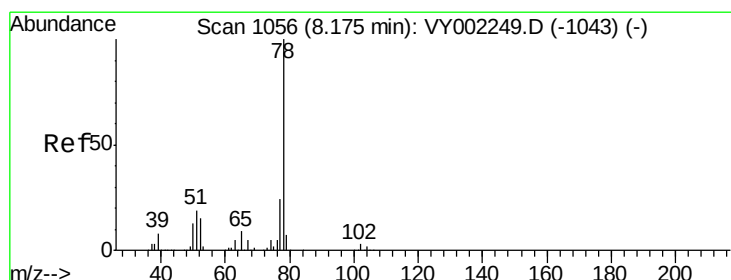
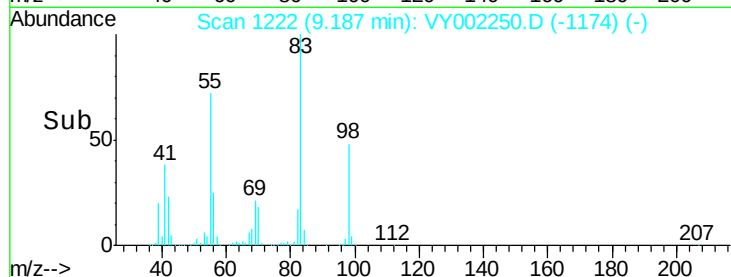
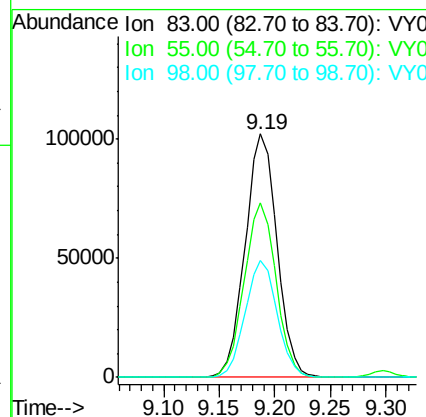
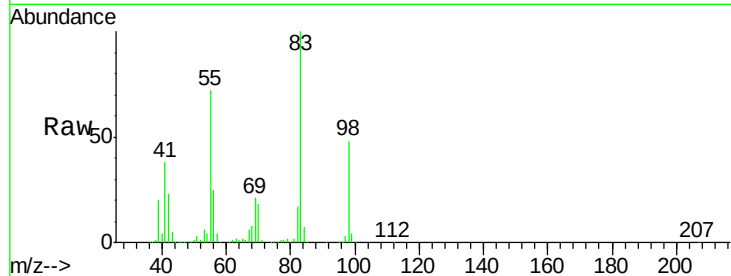
#39
Methylvlcyclohexane
Concen: 49.649 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Resp	Lower	Upper
83	100	203818		
55	71.9		59.3	88.9
98	48.3		39.6	59.4

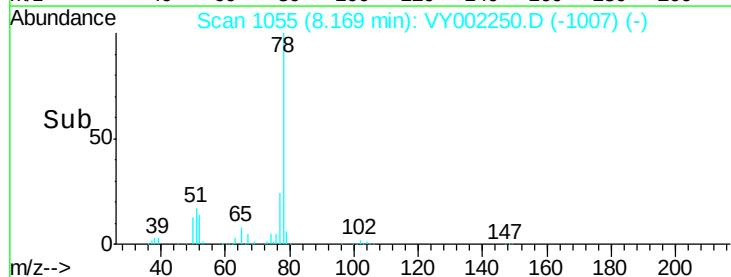
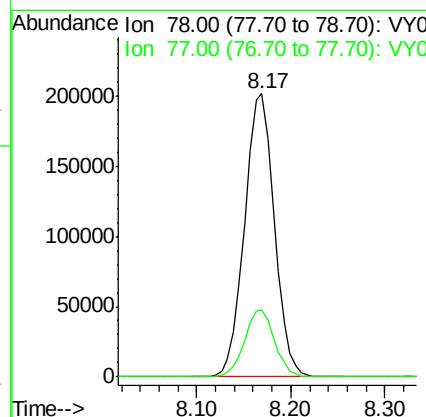
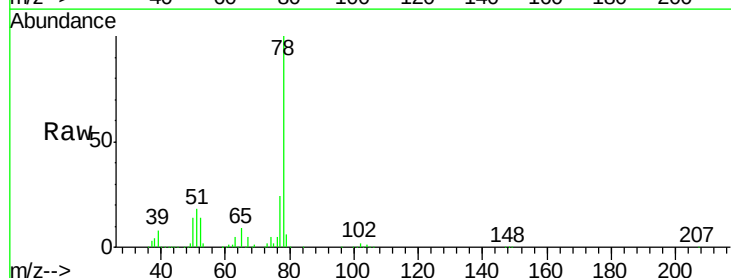
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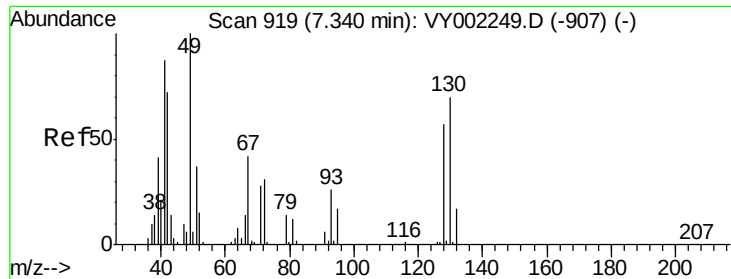
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#40
Benzene
Concen: 48.740 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	446265		
77	23.9		18.9	28.3





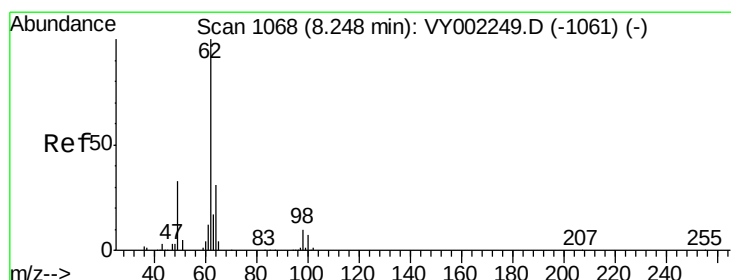
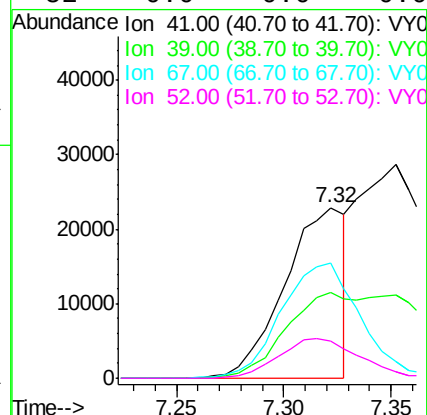
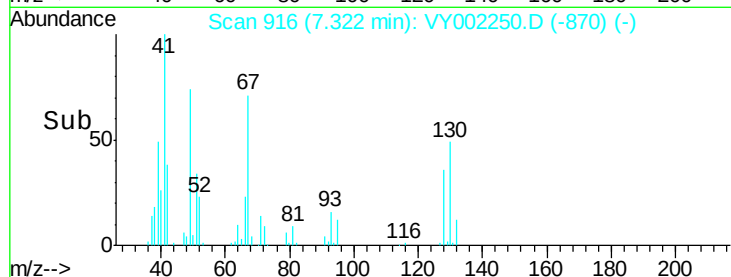
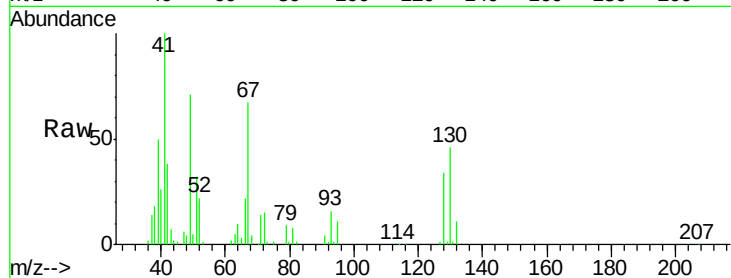
#41
Methacrylonitrile
Concen: 44.520 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	41	Resp	45278
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

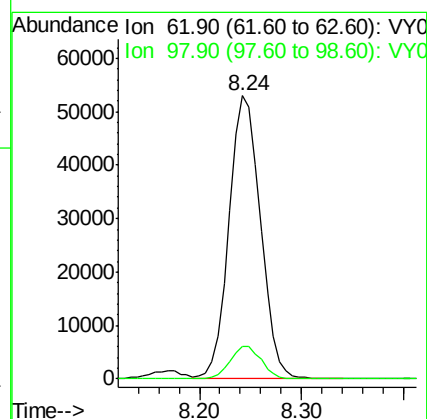
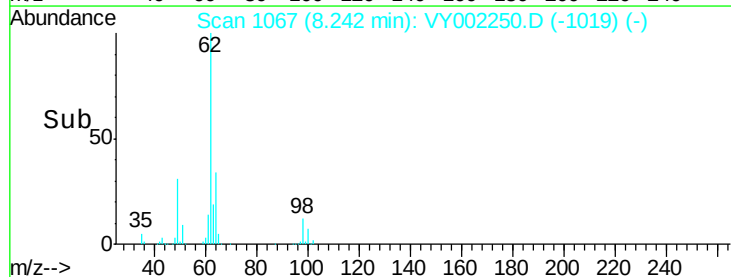
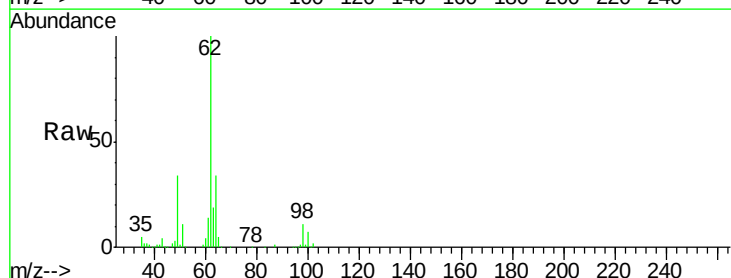
Manual Integrations
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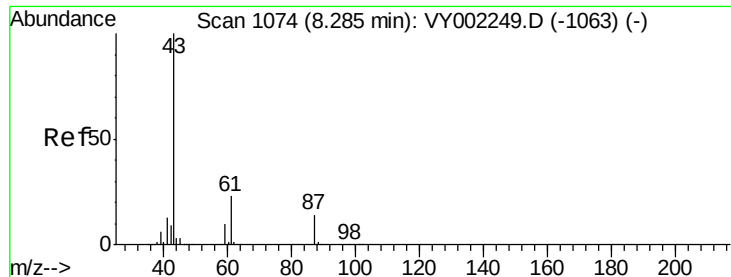
MMDadoda
4/9/2020 11:32:04 AM



#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	62	Resp	113404
Ion Ratio	Lower	Upper	
62	100		
98	11.3	0.0	22.6





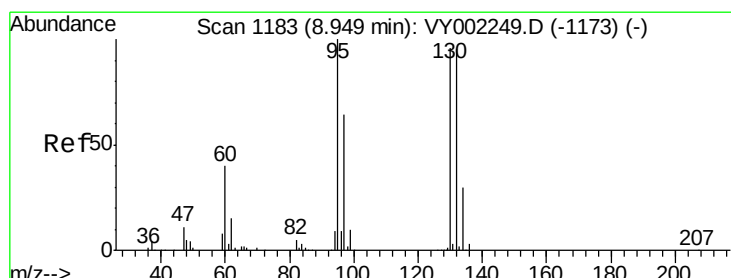
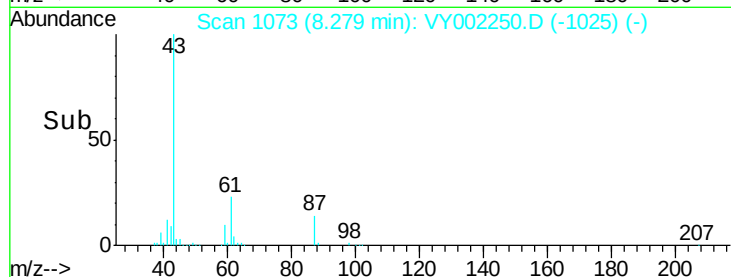
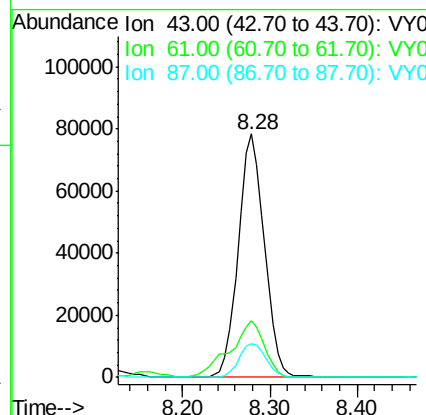
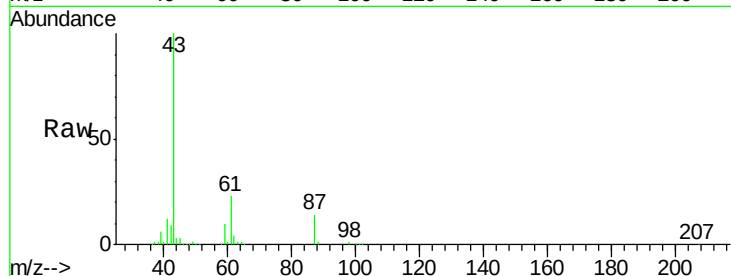
#43
Isopropyl Acetate
Concen: 51.819 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.9	37.3
87	14.4	11.7	17.5

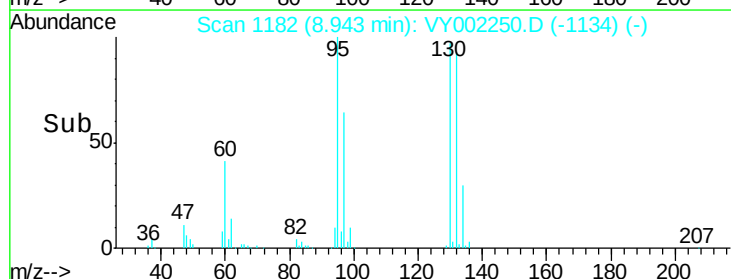
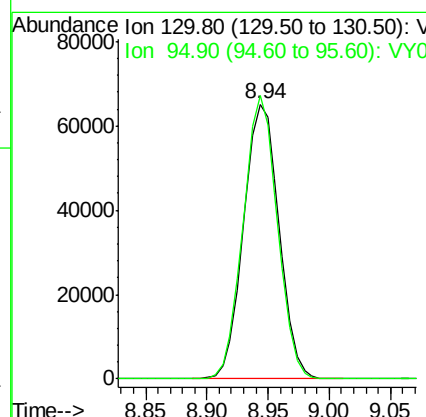
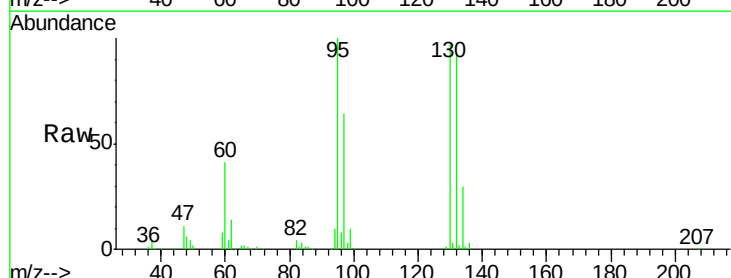
Manual Integrations
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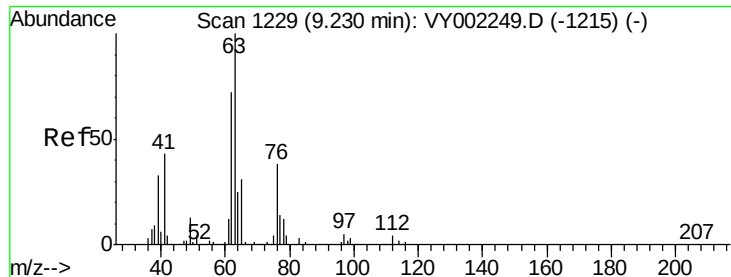
MMDadoda
4/9/2020 11:32:04 AM



#44
Trichloroethene
Concen: 48.710 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	208.2





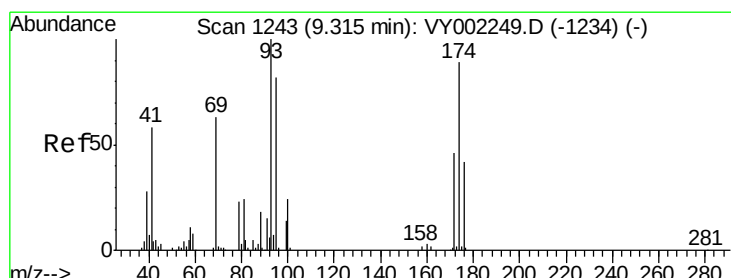
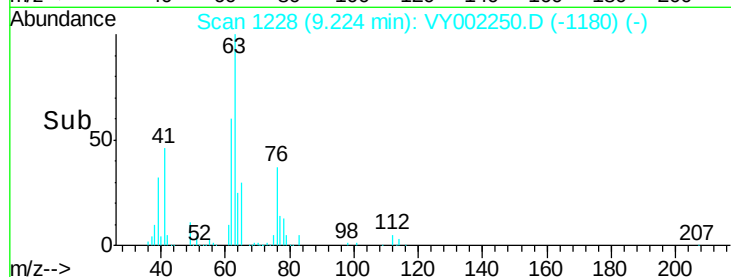
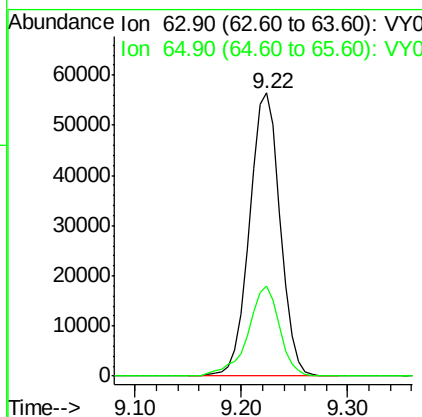
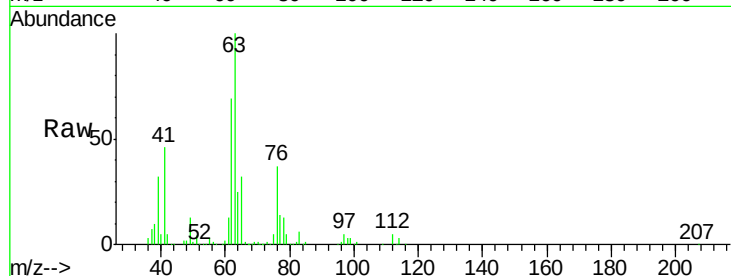
#45
 1,2-Dichloropropane
 Concen: 50.095 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	63	Resp	113806
Ion Ratio	Lower	Upper	
63	100		
65	31.6	24.6	37.0

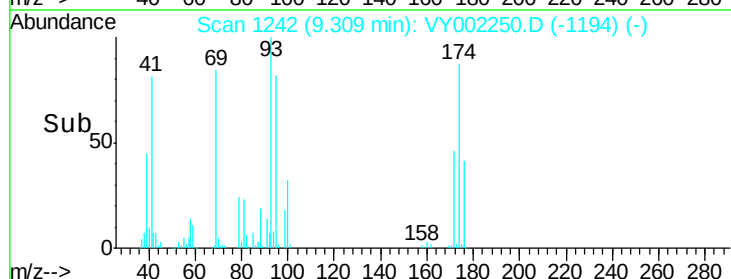
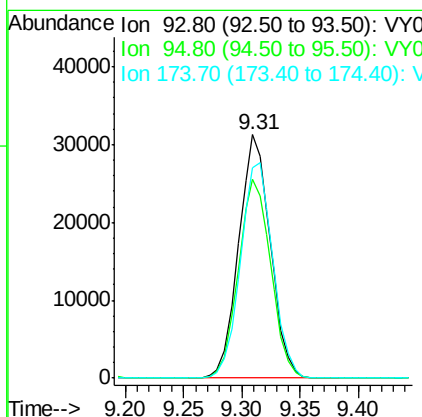
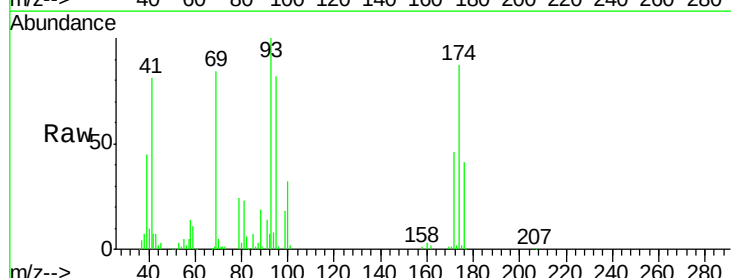
Manual Integrations
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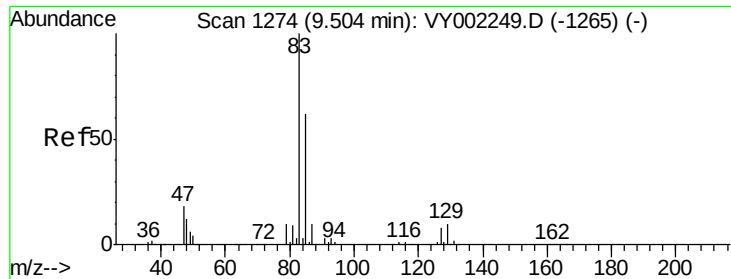
MMDadoda
 4/9/2020 11:32:04 AM



#46
 Dibromomethane
 Concen: 49.863 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	93	Resp	59228
Ion Ratio	Lower	Upper	
93	100		
95	83.4	67.3	100.9
174	90.0	72.5	108.7





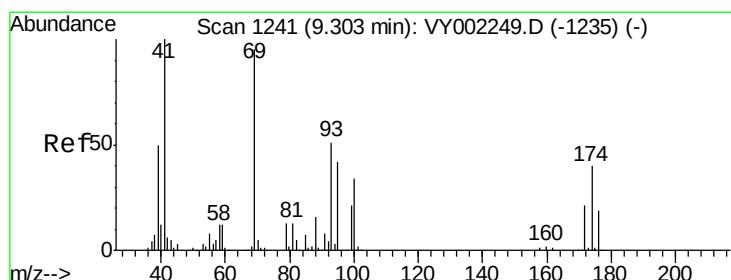
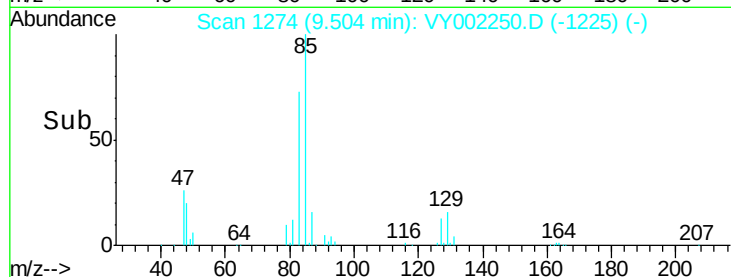
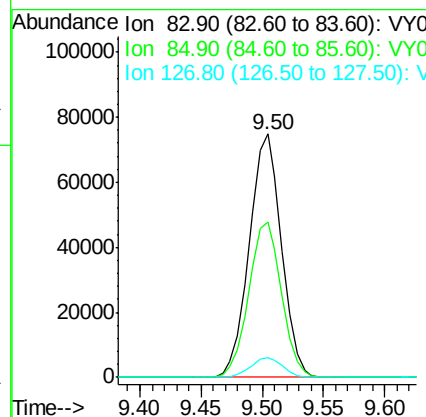
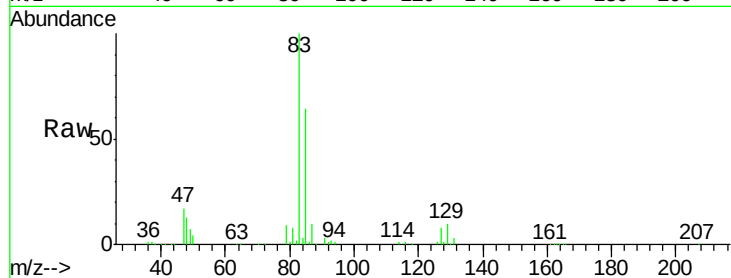
#47
Bromodichloromethane
Concen: 50.161 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion	83	Resp	136713
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	49.7	74.5
127	8.2	6.2	9.4

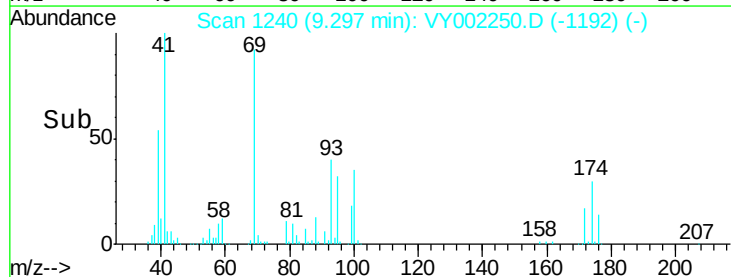
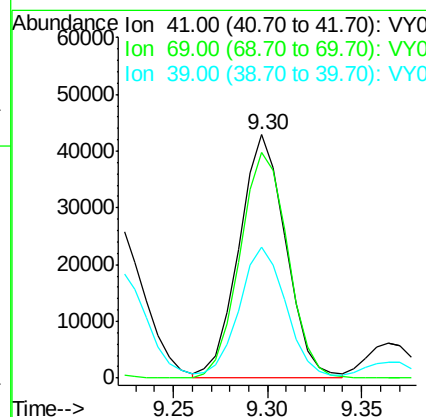
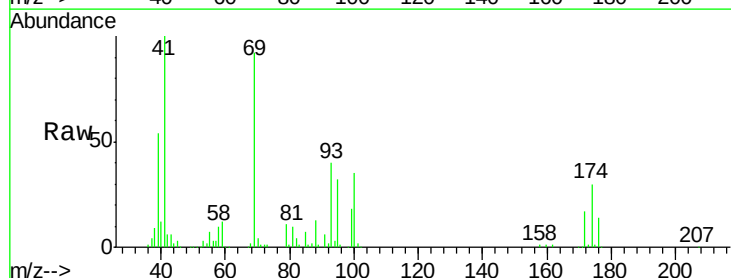
Manual Integrations
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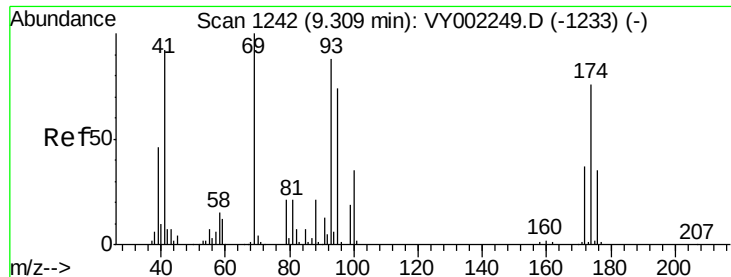
MMDadoda
4/9/2020 11:32:04 AM



#48
Methyl methacrylate
Concen: 52.586 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	41	Resp	74138
Ion Ratio	100	Lower	Upper
41	100		
69	94.4	76.7	115.1
39	53.9	40.5	60.7





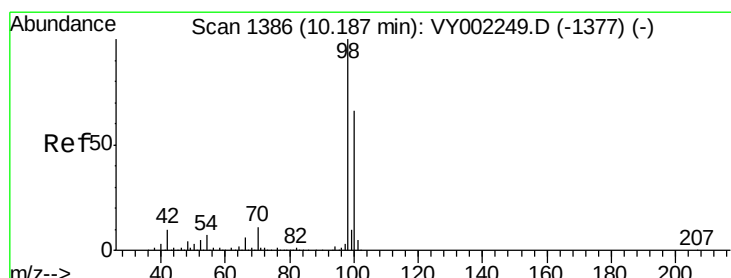
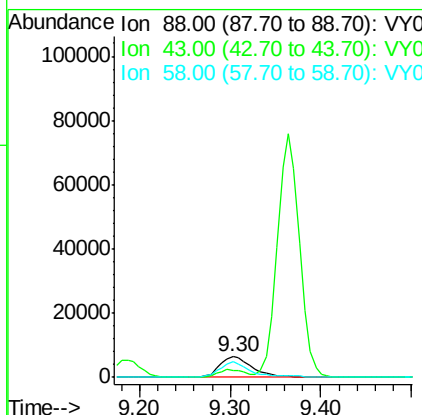
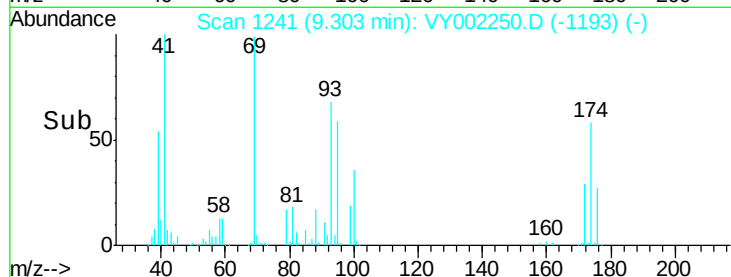
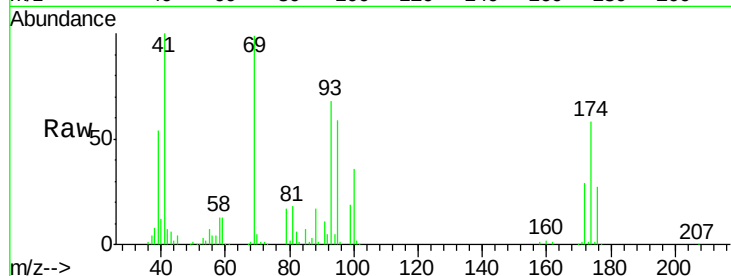
#49
1,4-Dioxane
Concen: 973.134 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	88	Resp	16351
Ion Ratio	Lower	Upper	
88	100		
43	32.6	22.2	33.2
58	71.7	57.6	86.4

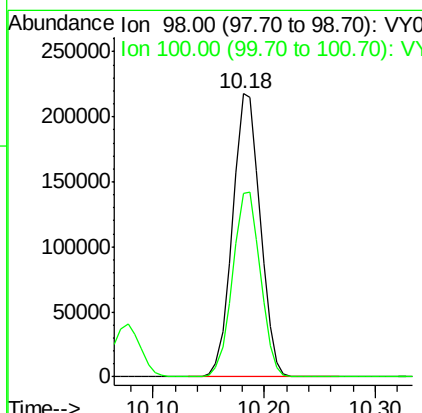
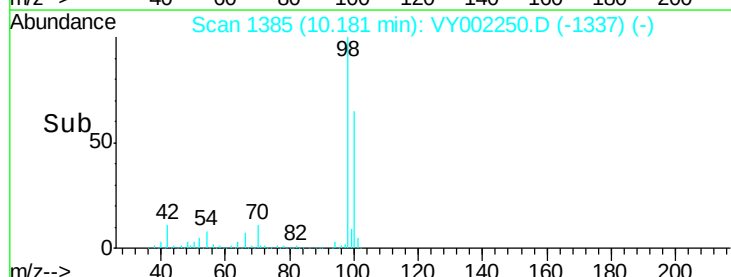
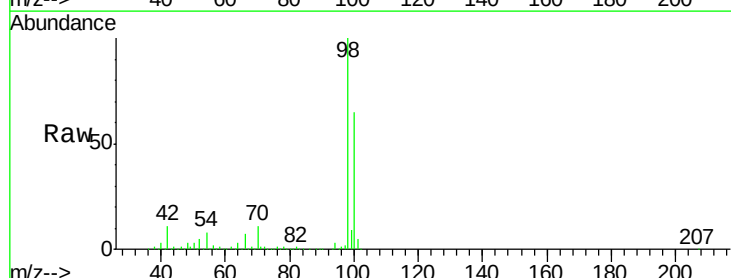
Manual Integrations
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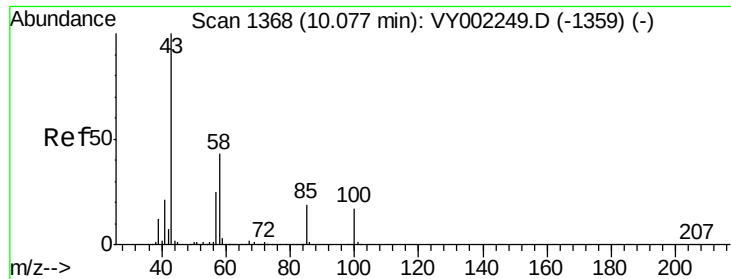
MMDadoda
4/9/2020 11:32:04 AM



#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	98	Resp	374982
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.6	78.8





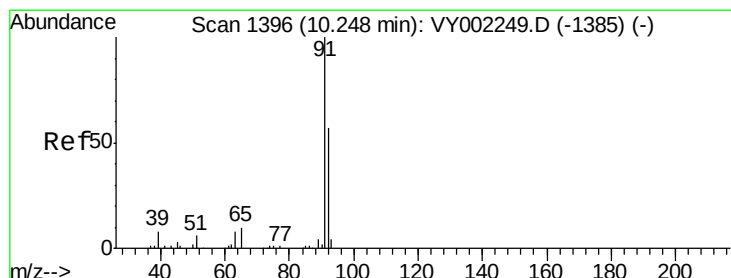
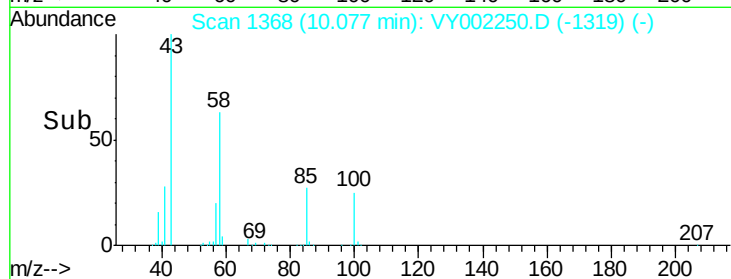
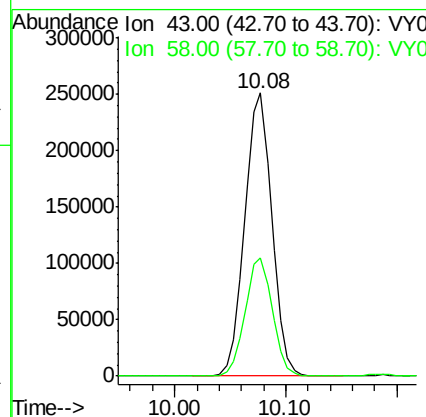
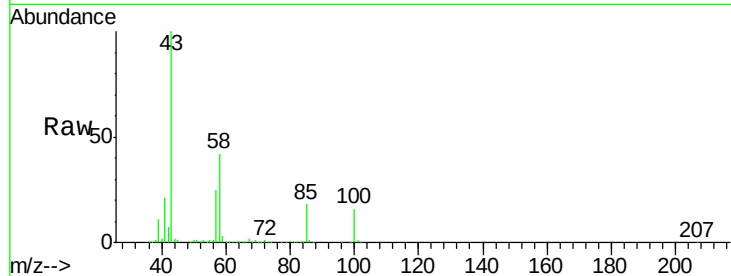
#51
4-Methyl-2-Pentanone
Concen: 259.386 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.9	33.8	50.8

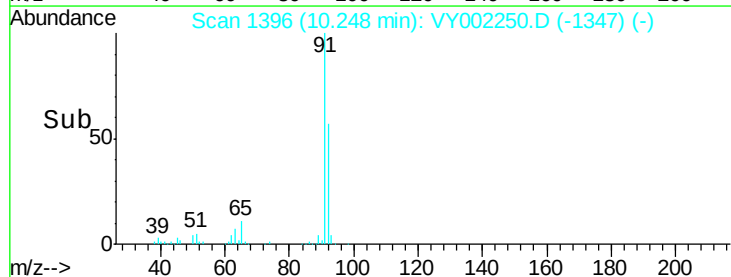
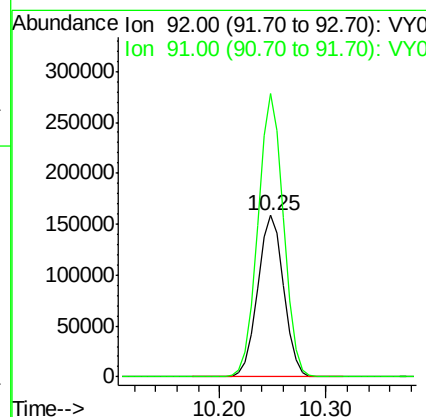
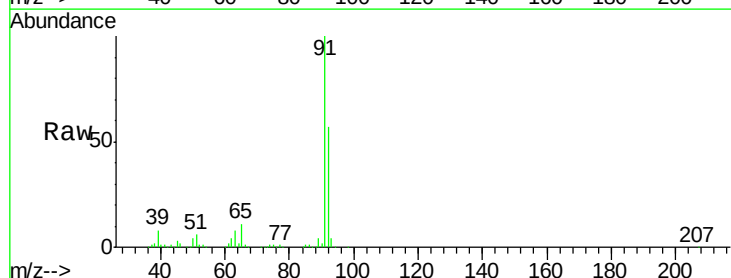
Manual Integrations
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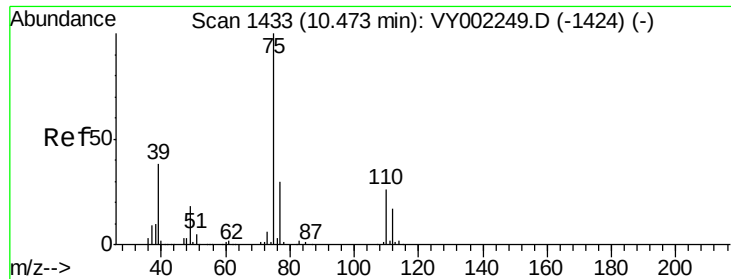
MMDadoda
4/9/2020 11:32:04 AM



#52
Toluene
Concen: 49.151 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.0	208.6





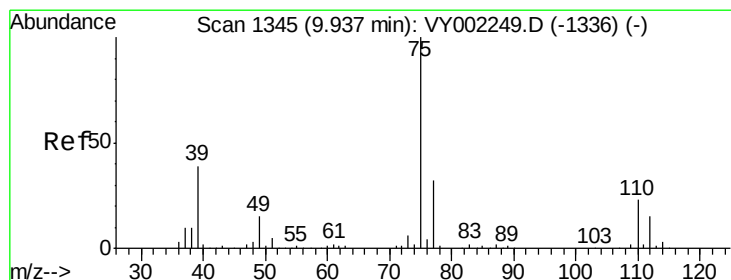
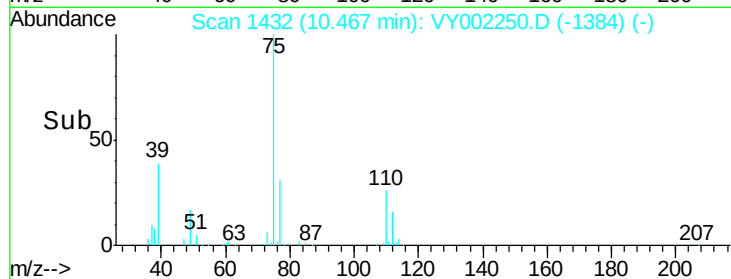
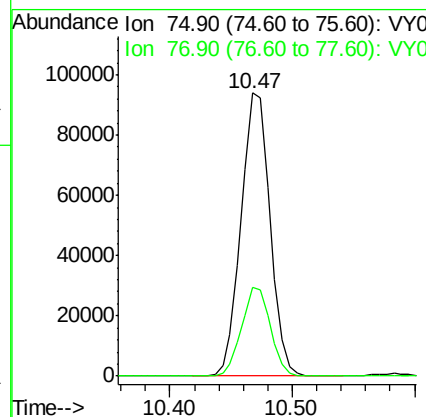
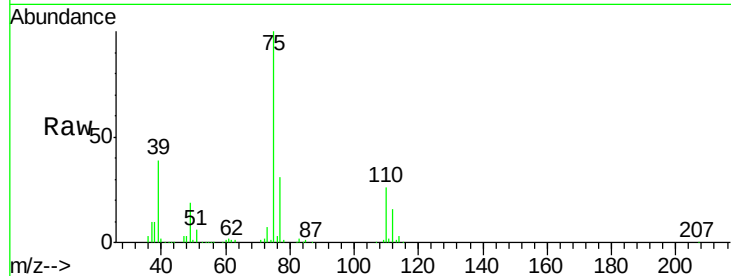
#53
 t-1,3-Dichloropropene
 Concen: 51.885 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.2	36.2

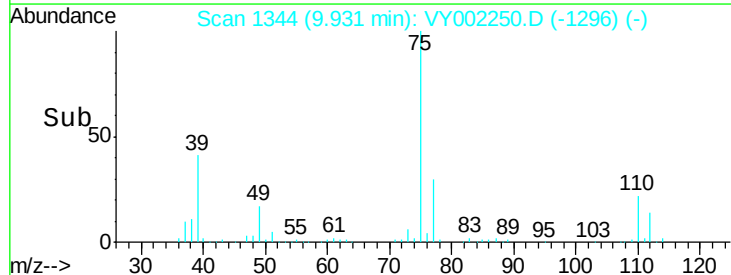
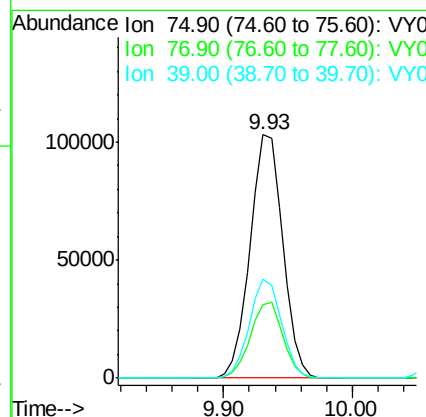
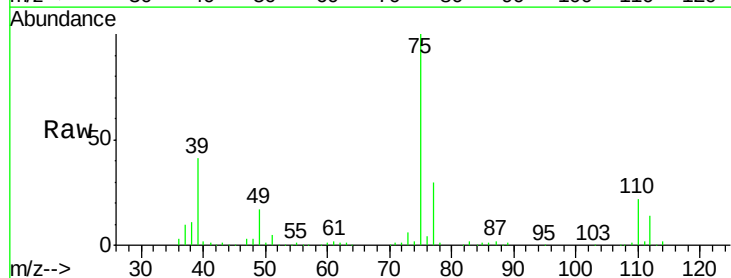
Manual Integrations
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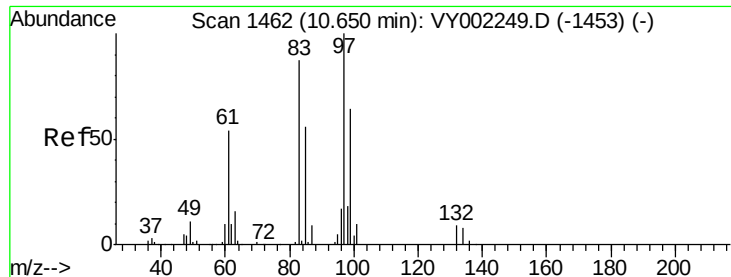
MMDadoda
 4/9/2020 11:32:04 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.516 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.8
39	40.9	30.8	46.2





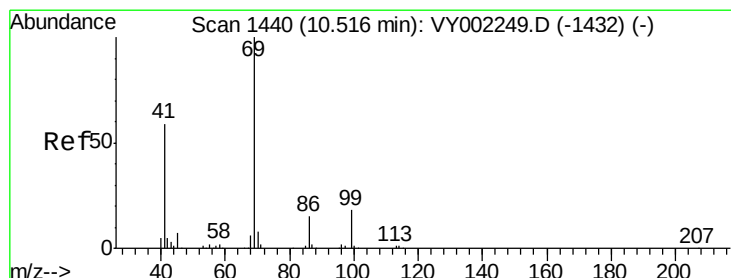
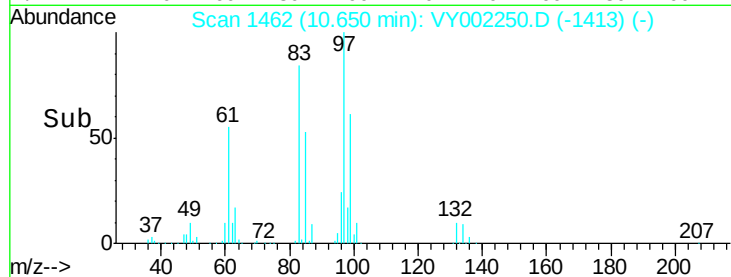
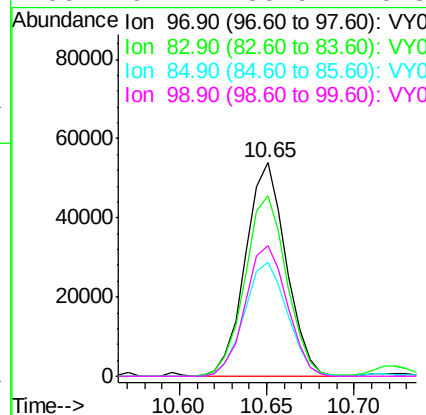
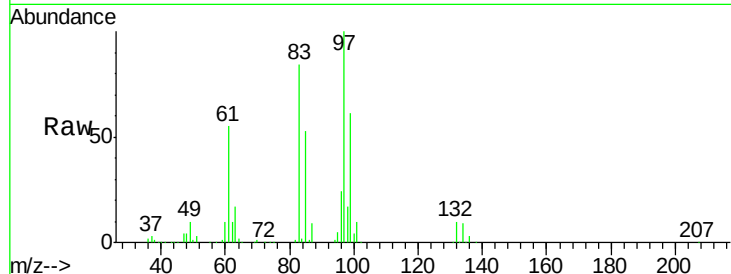
#55
 1,1,2-Trichloroethane
 Concen: 50.153 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion:	97	Resp:	87218
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.5	104.3
85	53.5	45.2	67.8
99	61.4	50.9	76.3

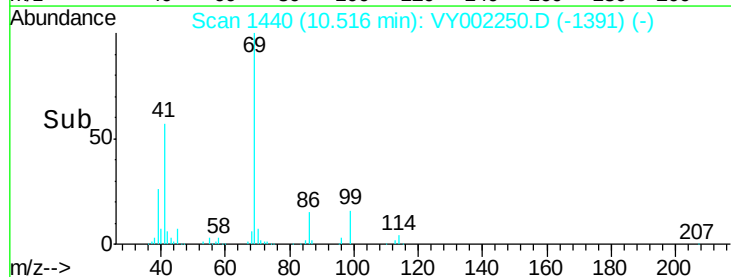
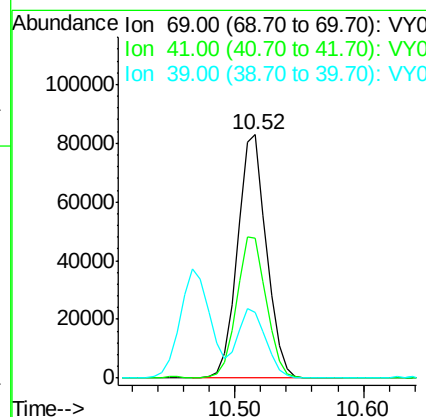
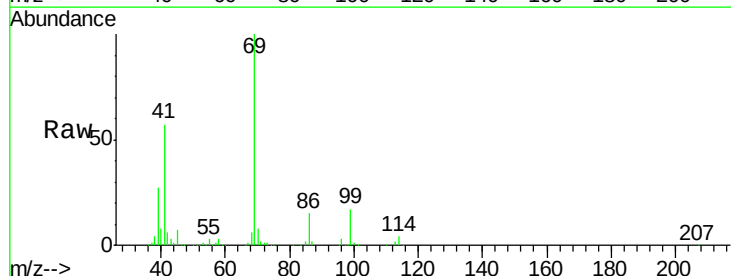
Manual Integrations
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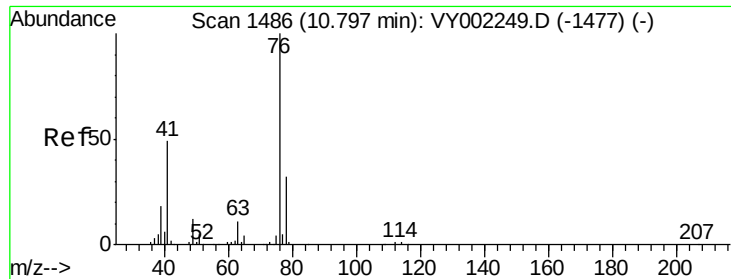
MMDadoda
 4/9/2020 11:32:04 AM



#56
 Ethyl methacrylate
 Concen: 51.863 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion:	69	Resp:	128726
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.9	71.9
39	28.5	23.8	35.6





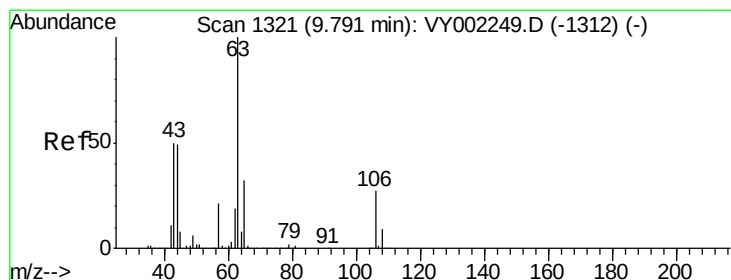
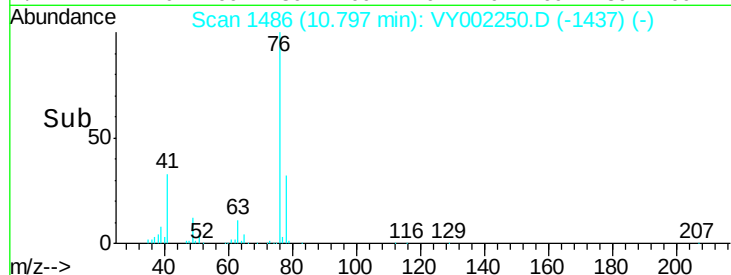
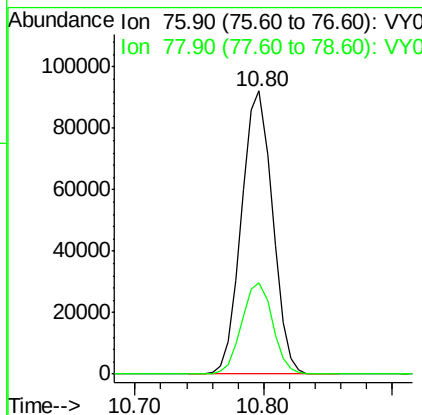
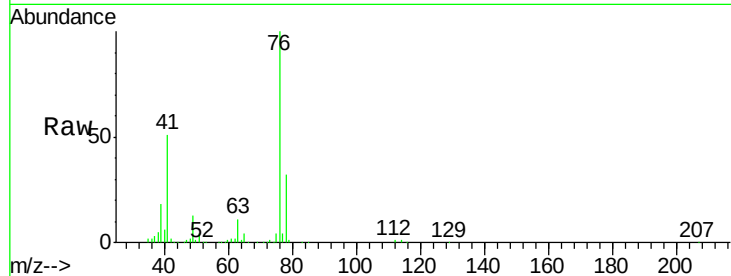
#57
 1,3-Dichloropropane
 Concen: 50.180 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion: 76 Resp: 153385
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6

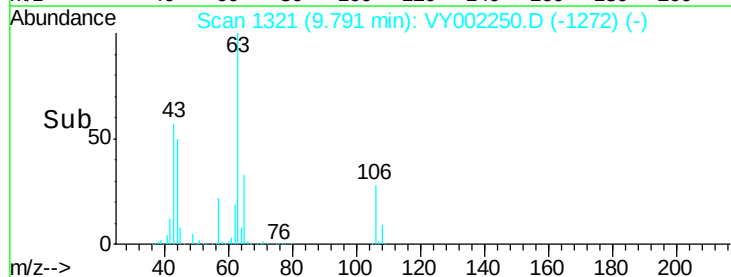
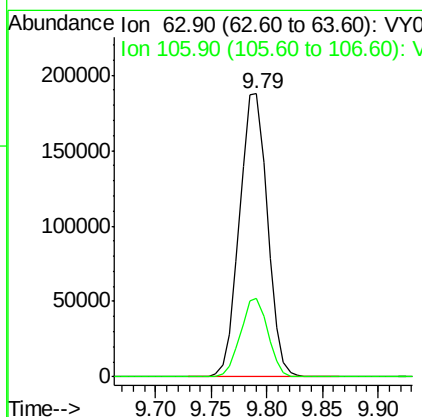
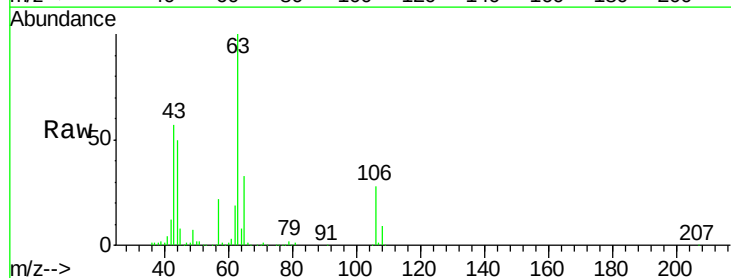
Manual Integrations
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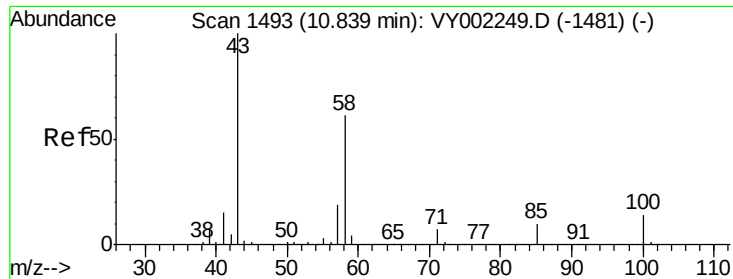
MMDadoda
 4/9/2020 11:32:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.909 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion: 63 Resp: 327636
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.2 33.2





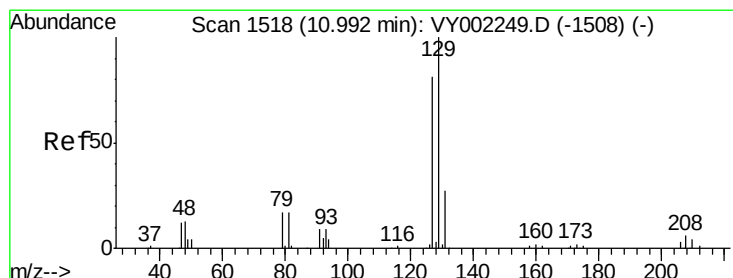
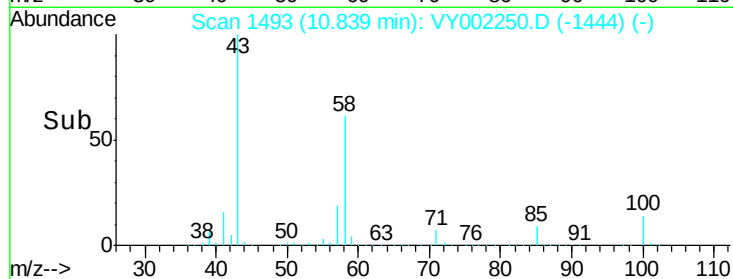
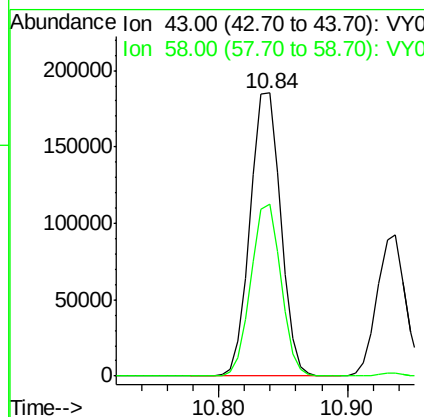
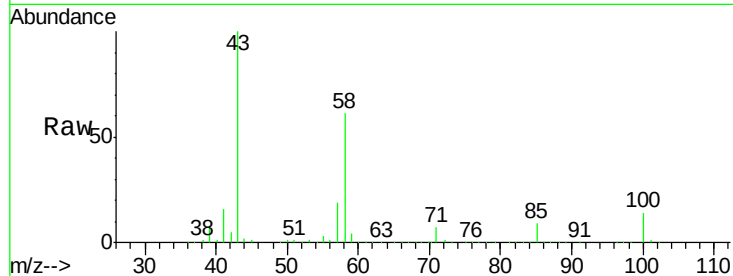
#59
2-Hexanone
Concen: 266.572 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	43	58	Ratio	Lower	Upper
303119	100	59.6		29.8	89.3

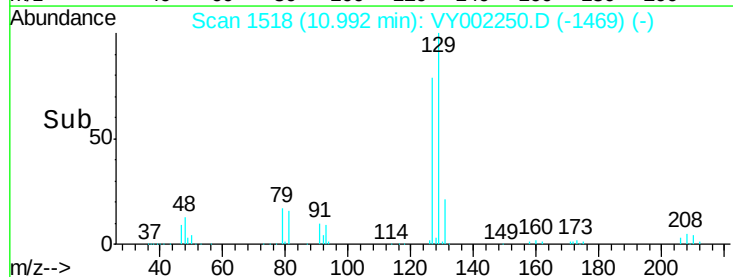
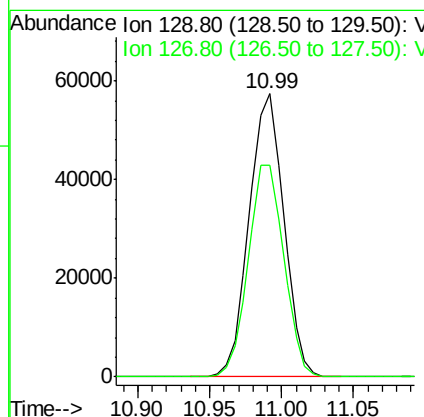
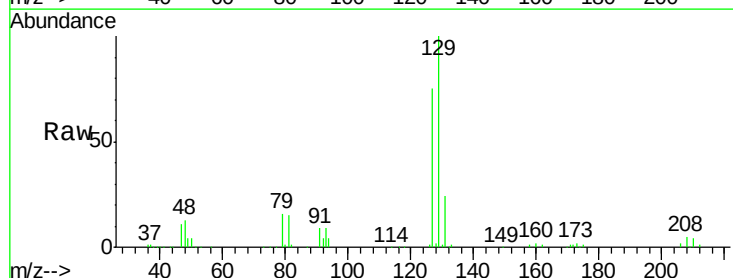
Manual Integrations
APPROVED

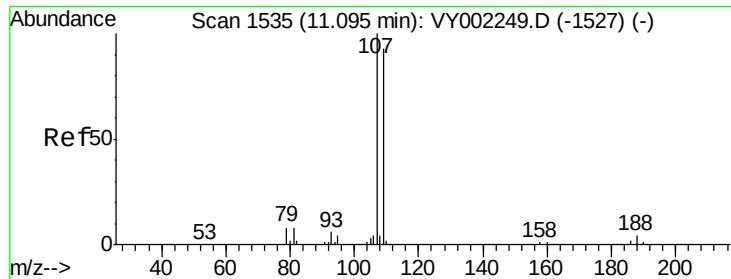
MMDadoda
4/9/2020 11:32:04 AM



#60
Dibromochloromethane
Concen: 51.547 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	129	127	Ratio	Lower	Upper
95585	100	76.7		39.0	117.0





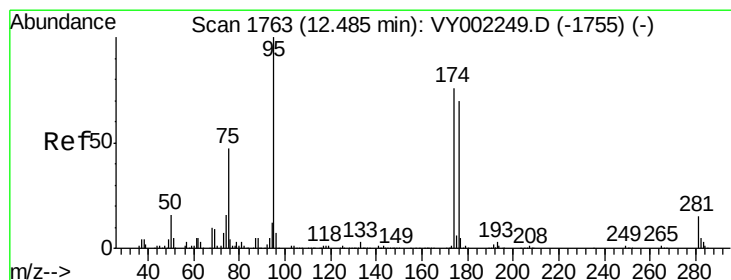
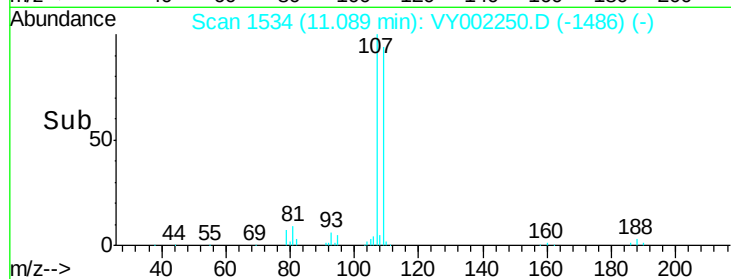
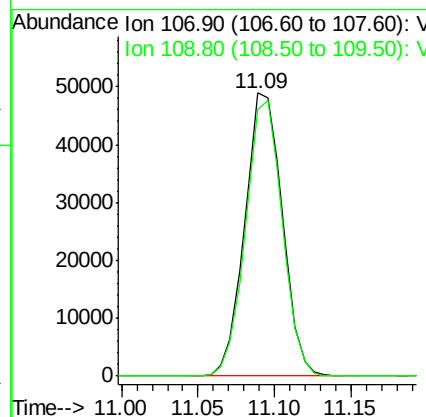
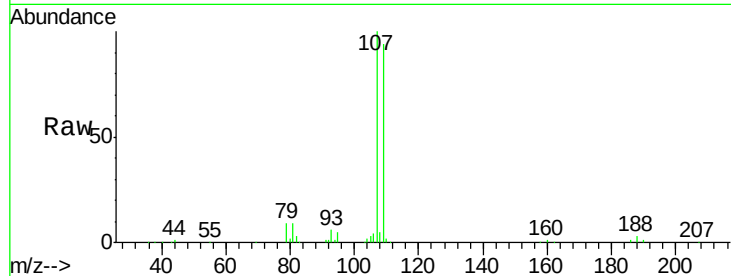
#61
 1,2-Dibromoethane
 Concen: 50.424 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.6	113.4

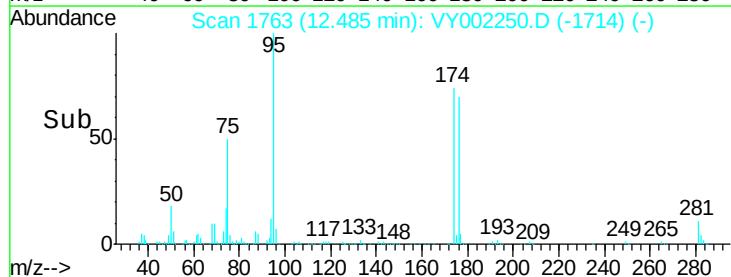
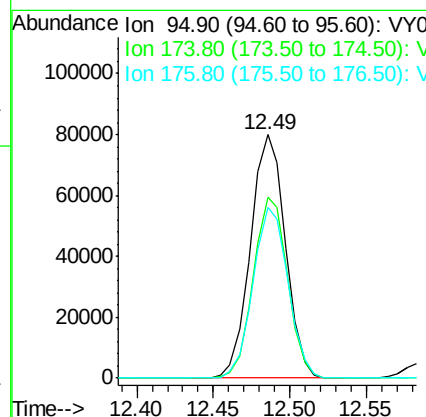
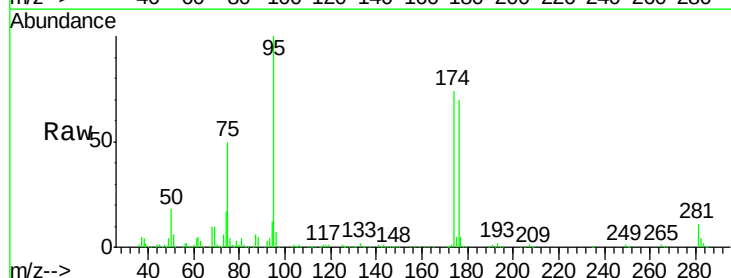
Manual Integrations
 APPROVED

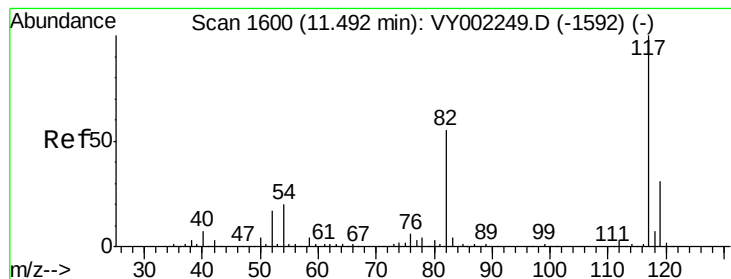
MMDadoda
 4/9/2020 11:32:04 AM



#62
 4-Bromofluorobenzene
 Concen: 50.254 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	150.6
176	70.4	0.0	141.4





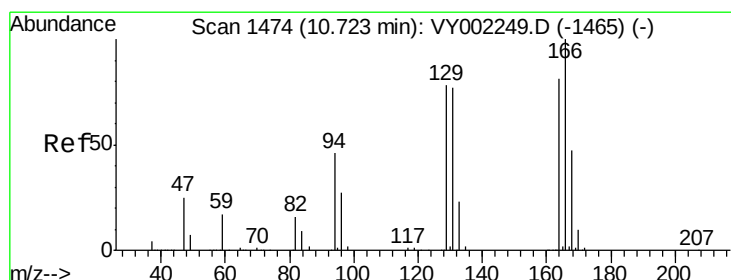
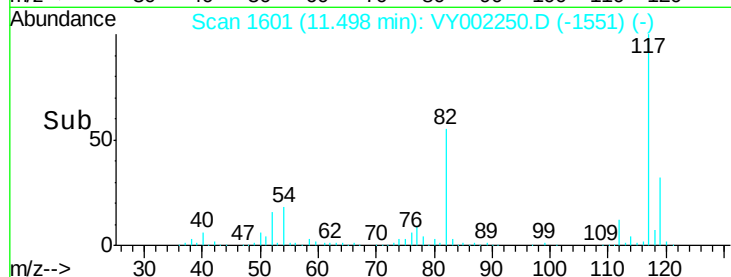
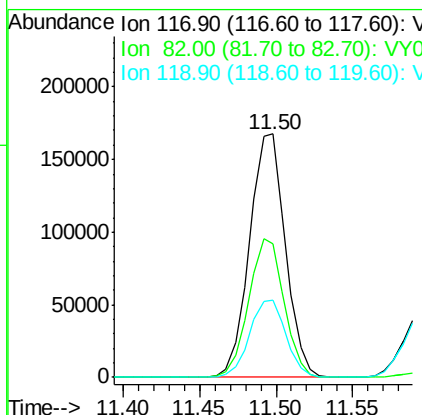
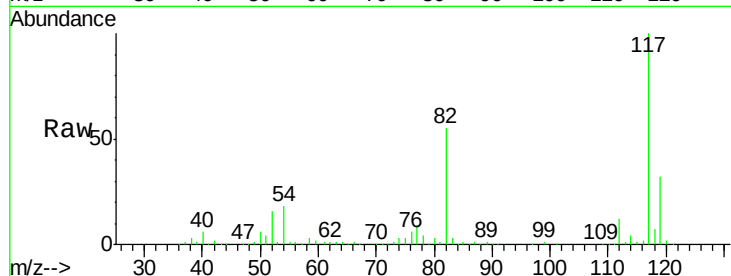
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY040820

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.4
119	31.6	25.1	37.7

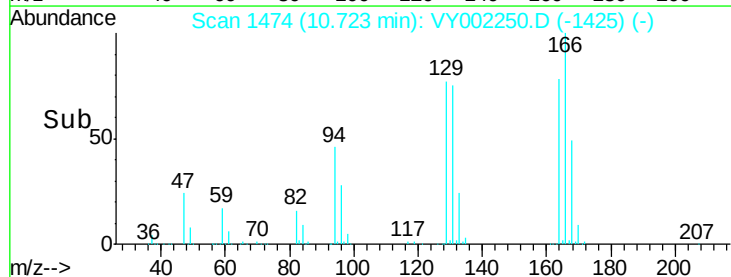
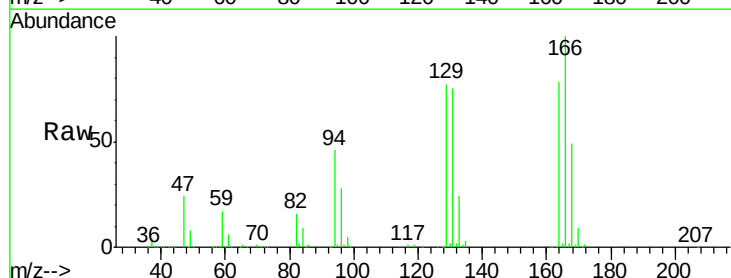
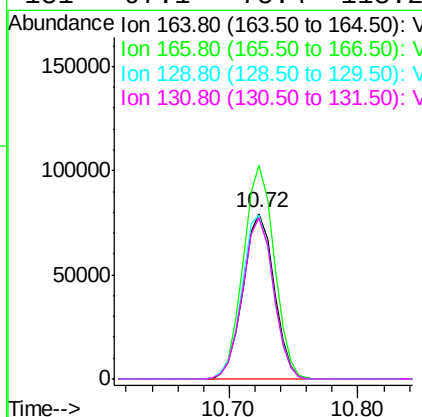
Manual Integrations
APPROVED

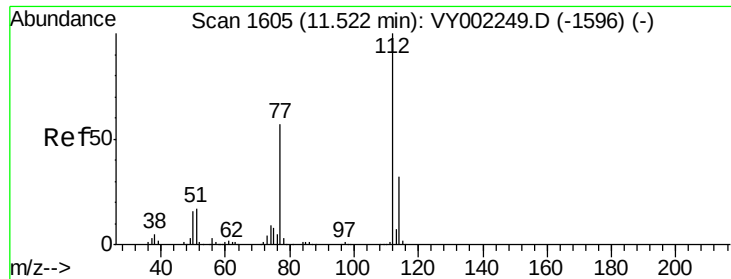
MMDadoda
4/9/2020 11:32:04 AM



#64
Tetrachloroethene
Concen: 47.692 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	98.4	147.6
129	99.2	76.6	115.0
131	97.1	75.4	113.2





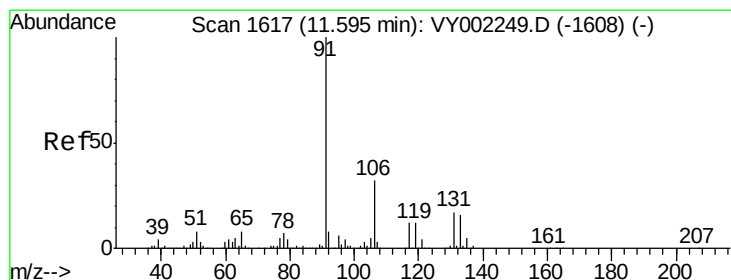
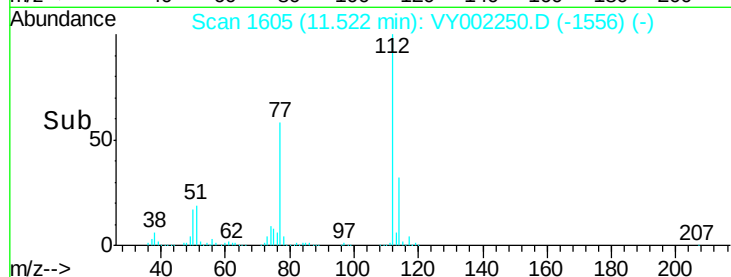
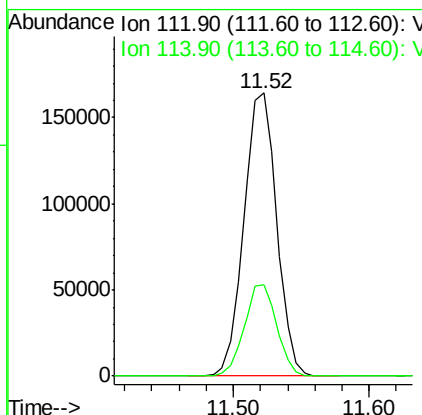
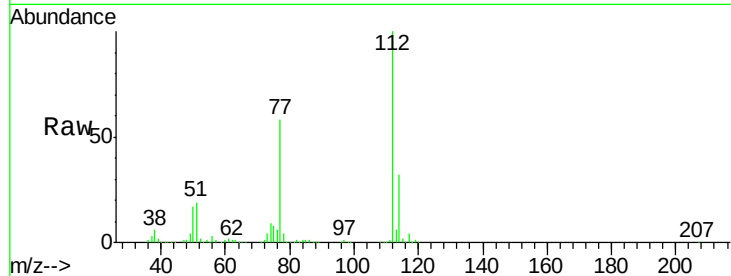
#65
Chlorobenzene
Concen: 48.773 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

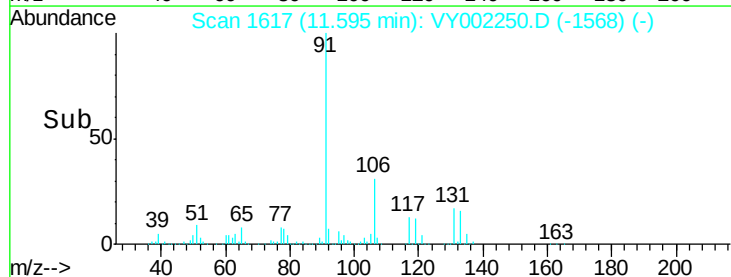
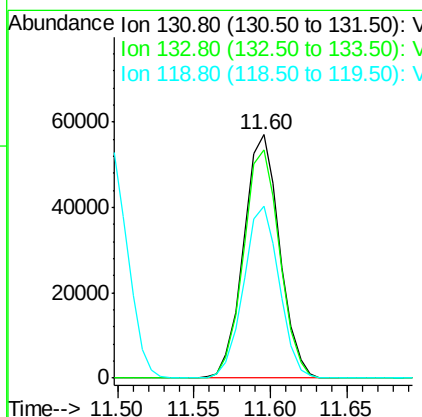
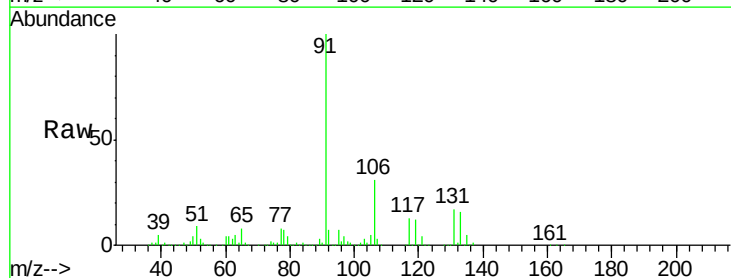
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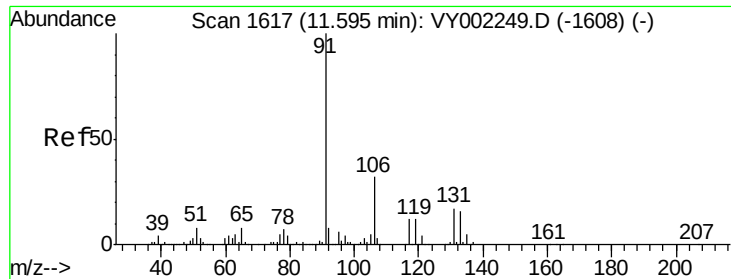
MMDadoda
4/9/2020 11:32:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.699 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	46.5	139.3
119	70.0	34.5	103.6





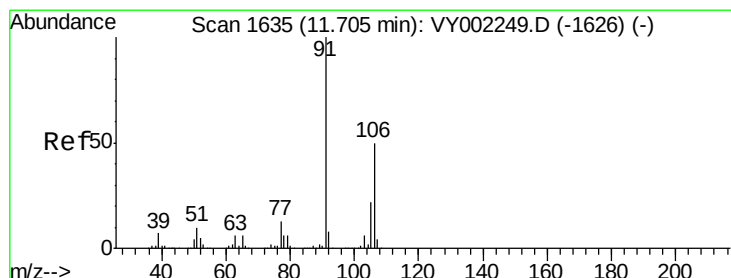
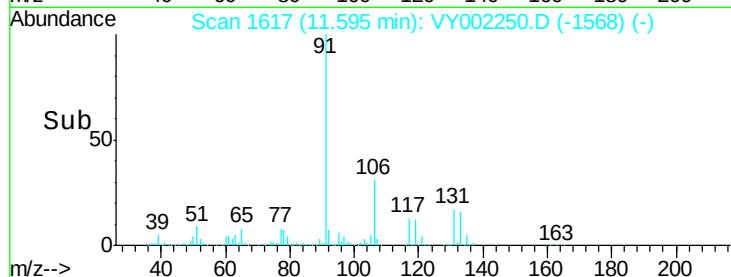
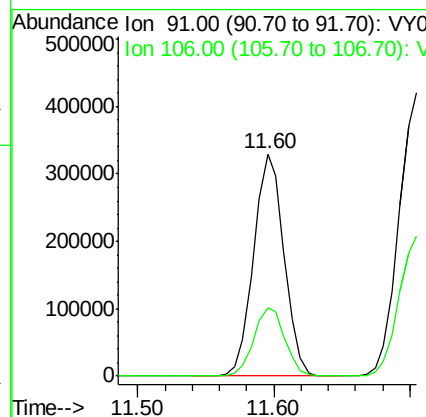
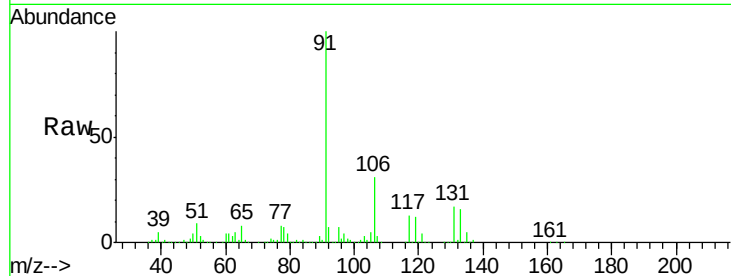
#67
Ethyl Benzene
Concen: 49.710 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		517443		
106	30.6	25.4		38.0	

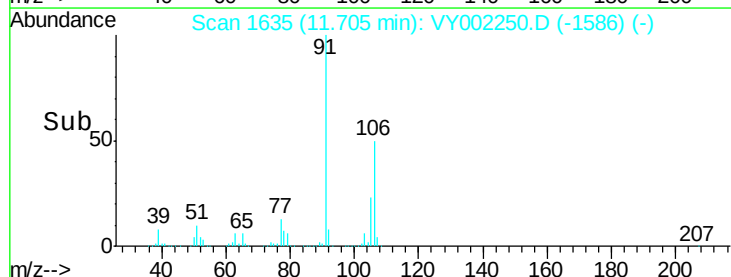
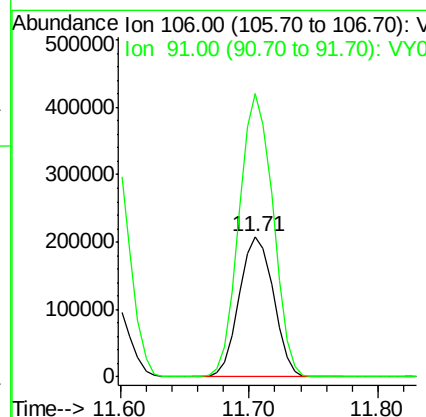
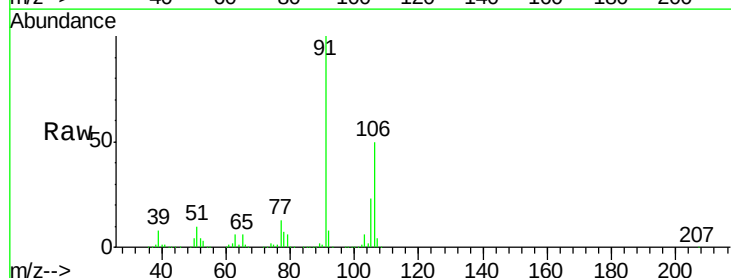
Manual Integrations
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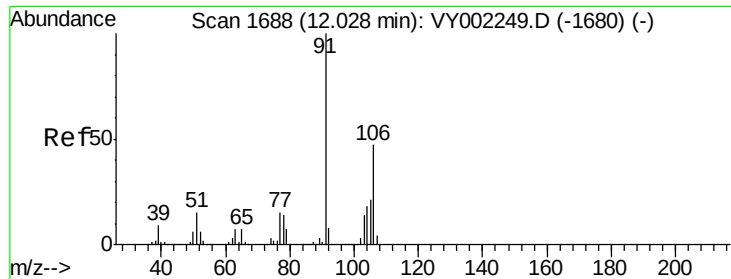
MMDadoda
4/9/2020 11:32:04 AM



#68
m/p-Xylenes
Concen: 98.387 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		383583		
91	199.8	159.8		239.6	





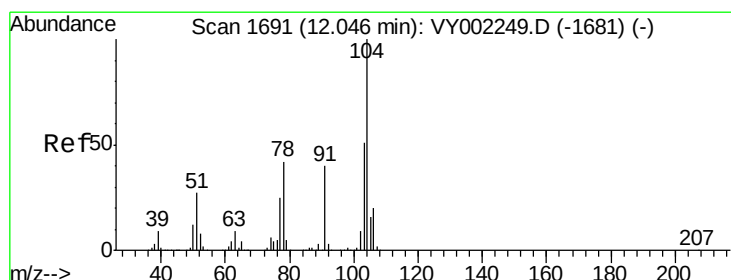
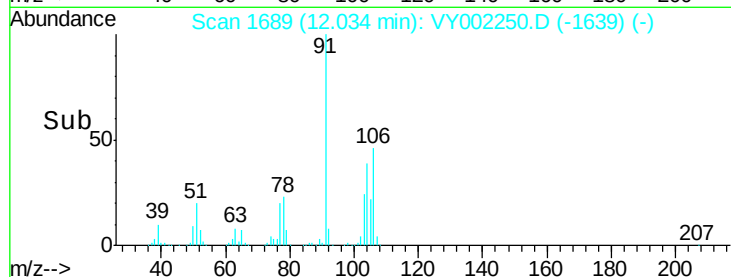
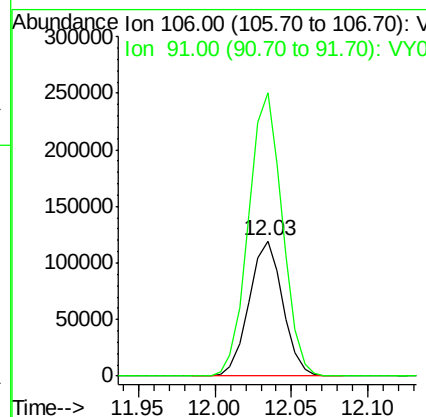
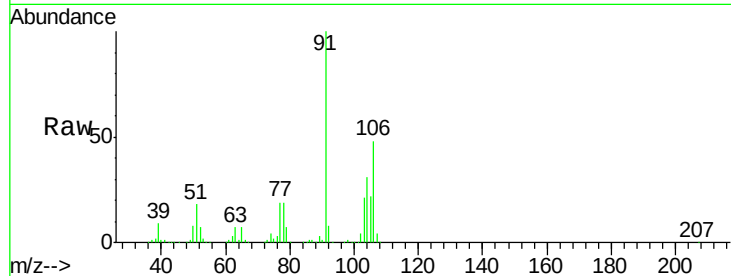
#69
o-Xylene
Concen: 49.914 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	182698		
91	91	210.4	105.8	317.3	

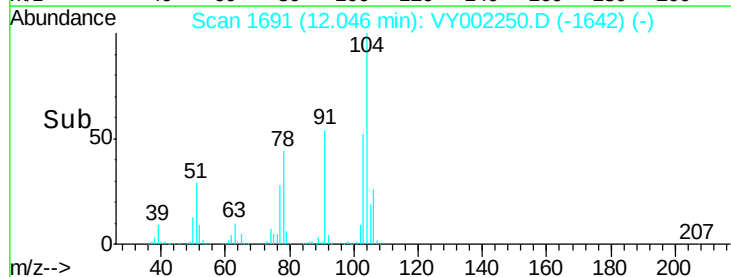
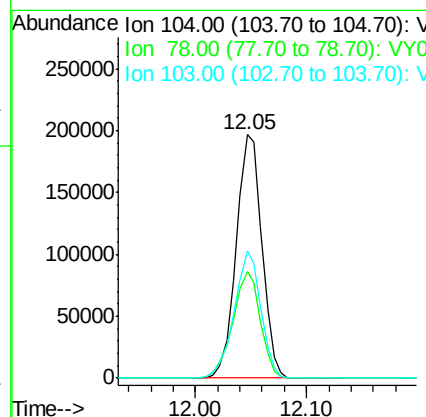
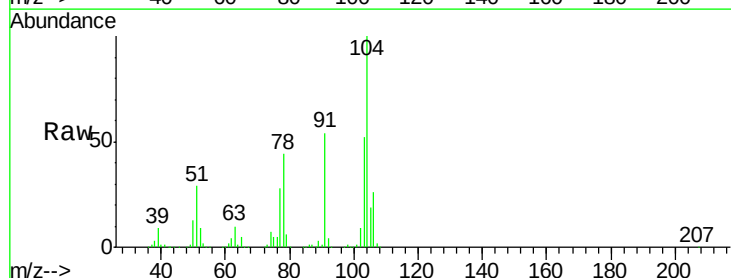
Manual Integrations
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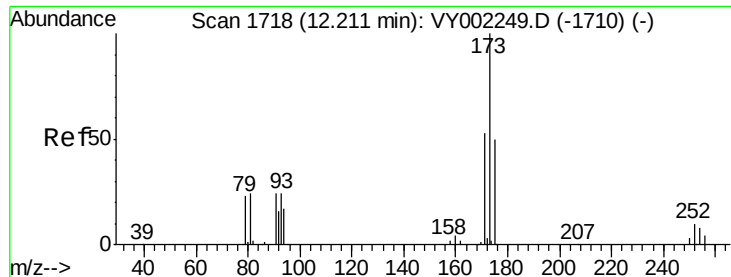
MMDadoda
4/9/2020 11:32:04 AM



#70
Styrene
Concen: 49.345 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	313356		
78	78	46.8	37.2	55.8	
103	103	54.2	43.4	65.0	





#71

Bromoform

Concen: 52.209 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion:173 Resp: 53300

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

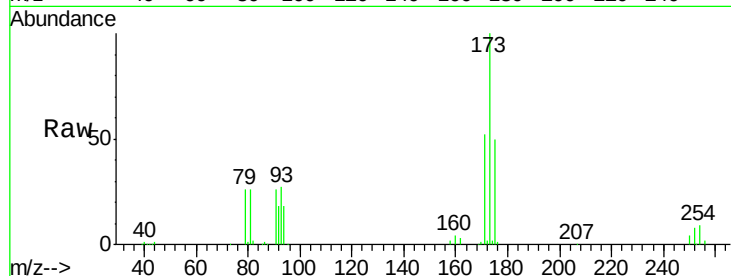
254 0.0 0.0 0.0

Manual Integrations

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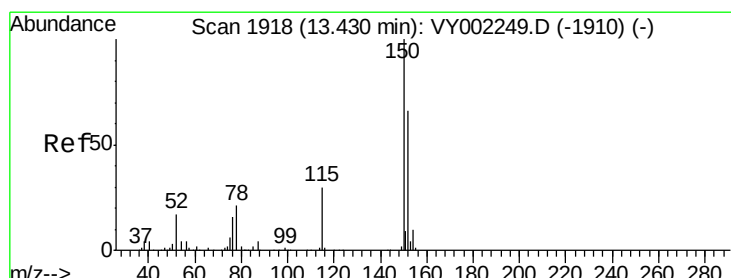
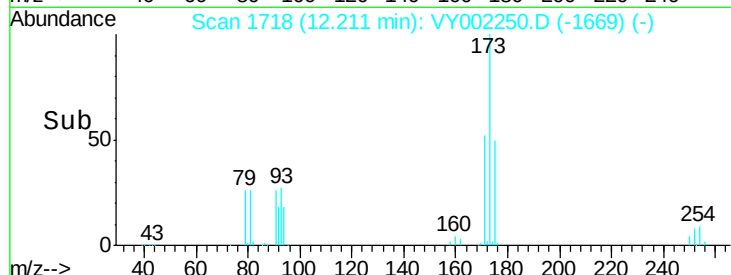
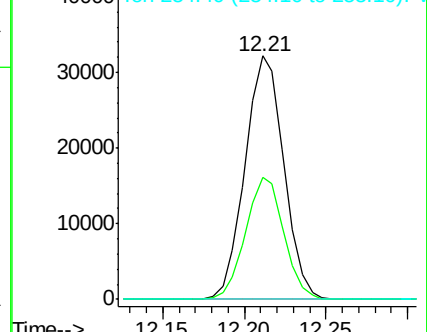
4/9/2020 11:32:04 AM



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

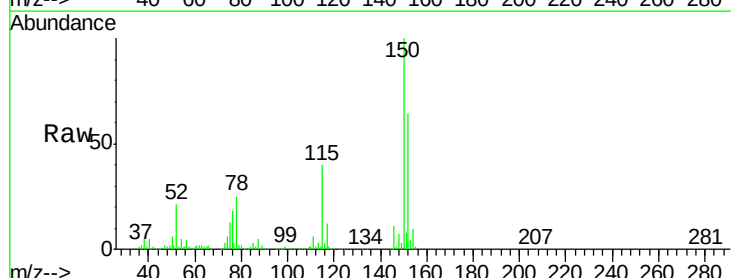
Tgt Ion:152 Resp: 123890

Ion Ratio Lower Upper

152 100

115 62.1 30.7 92.1

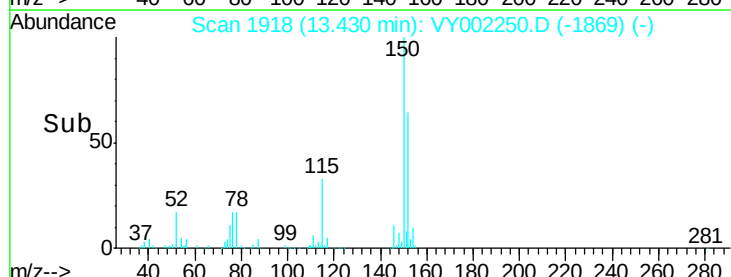
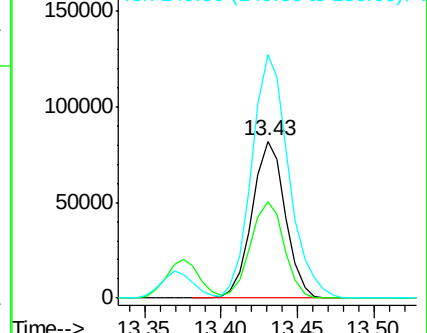
150 172.8 0.0 350.6

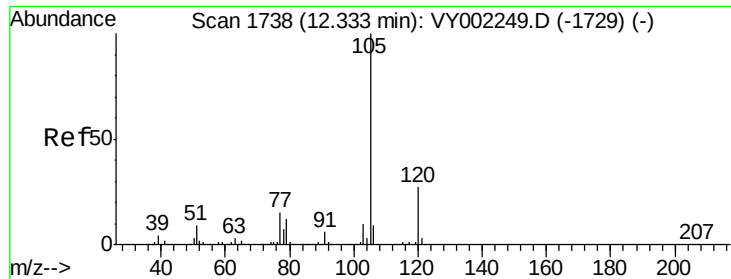


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





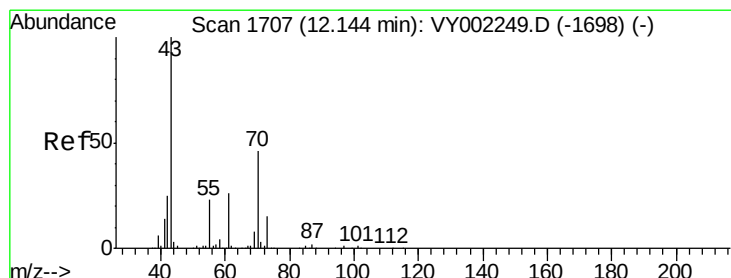
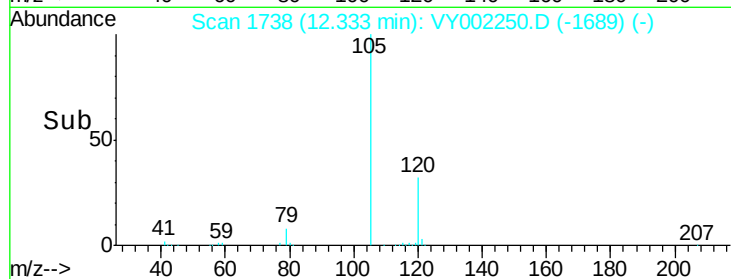
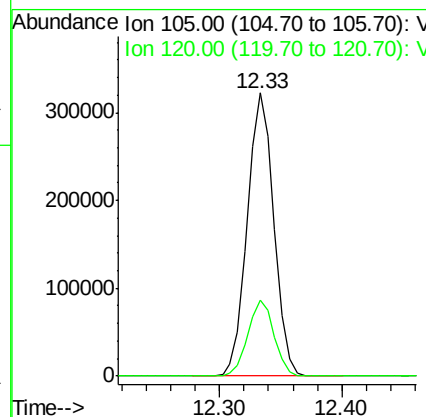
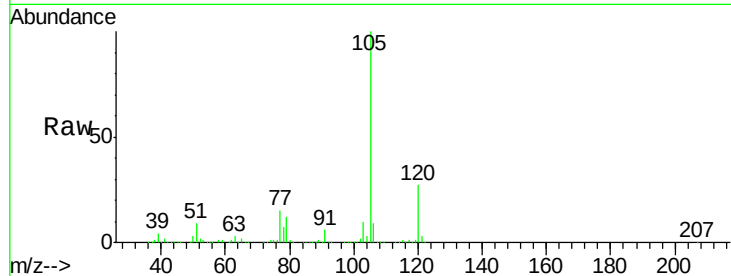
#73
Isopropylbenzene
Concen: 49.708 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.3	39.8

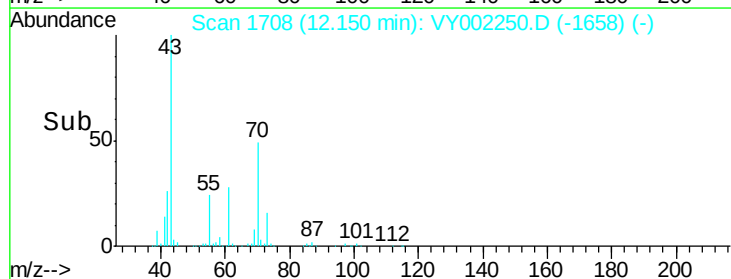
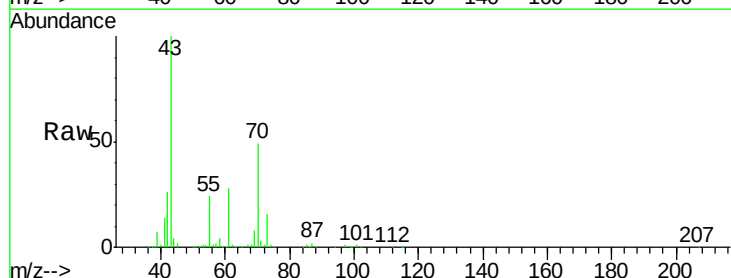
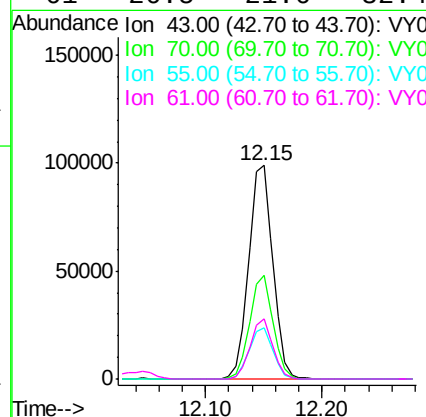
Manual Integrations
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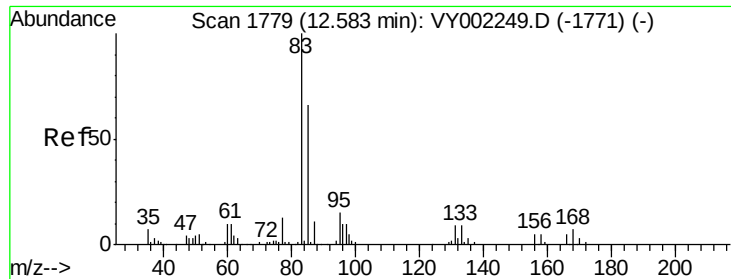
MMDadoda
4/9/2020 11:32:04 AM



#74
N-ethyl acetate
Concen: 52.025 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.0	37.5	56.3
55	24.1	19.0	28.6
61	26.5	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 54.591 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

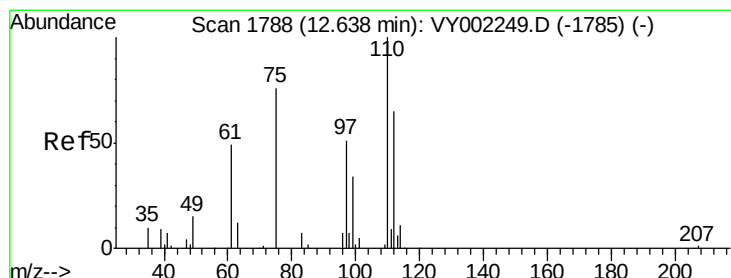
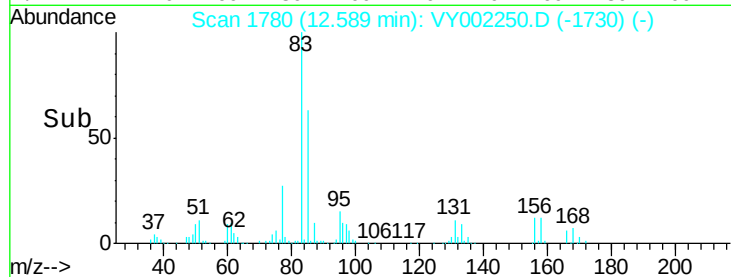
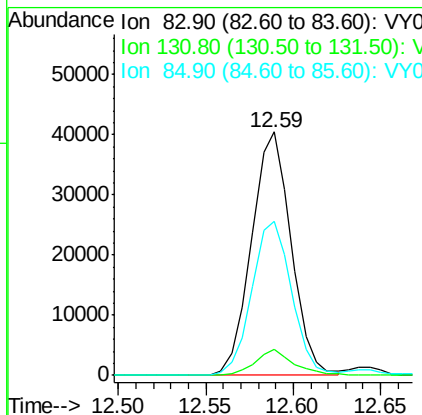
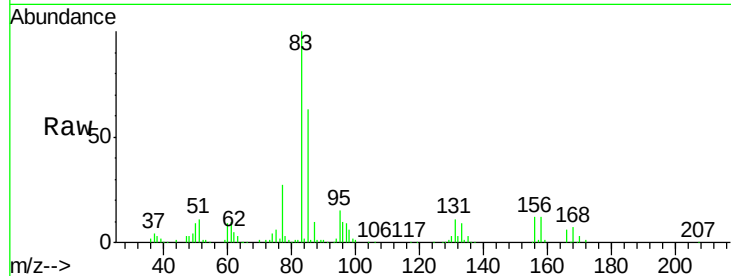
ClientSampleId :

ICVY040820

Tot Ion:	83	Resp:	64284
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	63.8	32.6	97.8

Manual Integrations
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MMDadoda
4/9/2020 11:32:04 AM



#76

1,2,3-Trichloropropane

Concen: 49.689 ug/l m

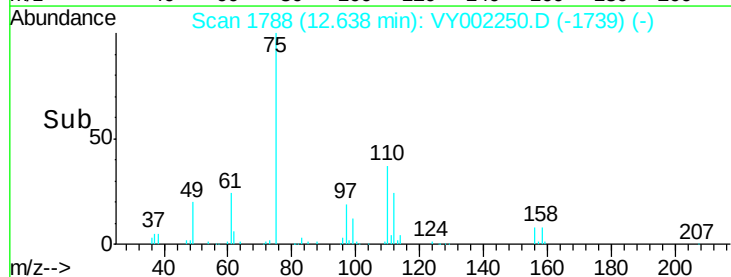
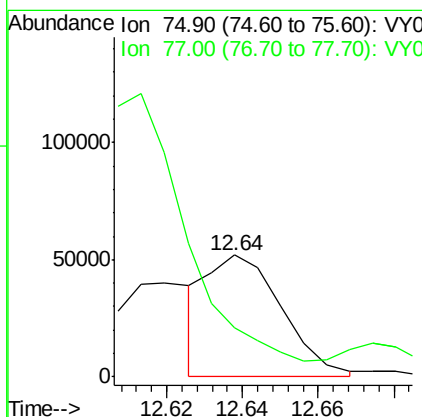
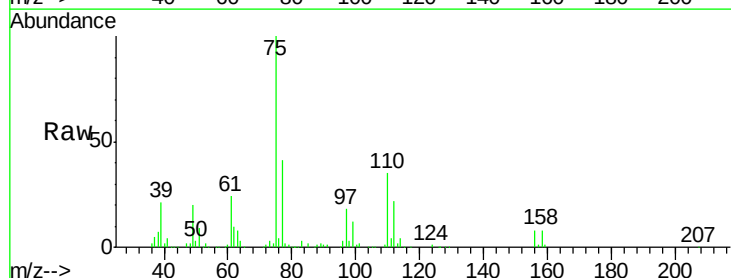
RT: 12.64 min Scan# 1788

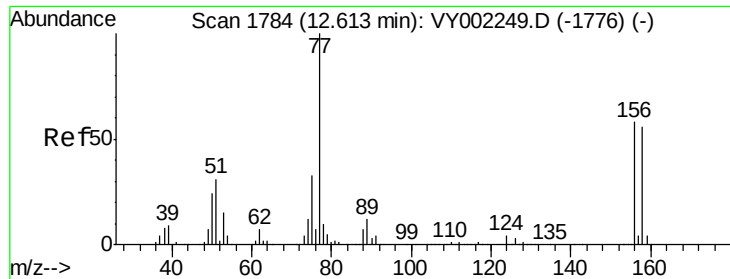
Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	75	Resp:	71484
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.969 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

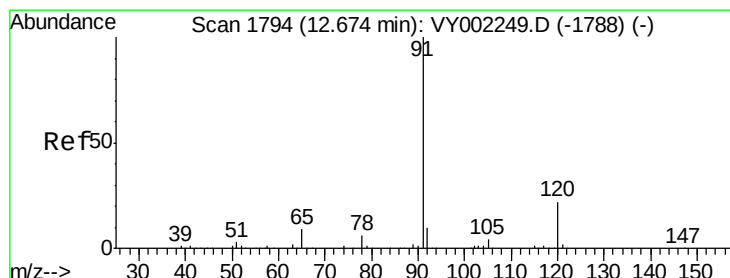
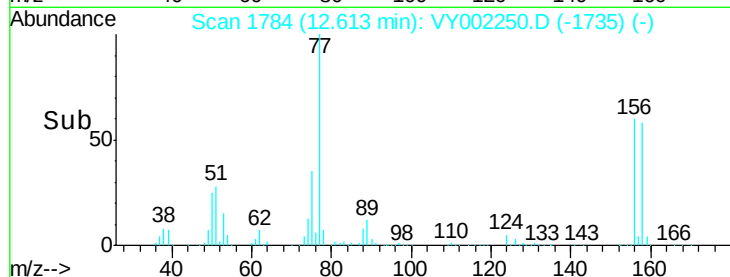
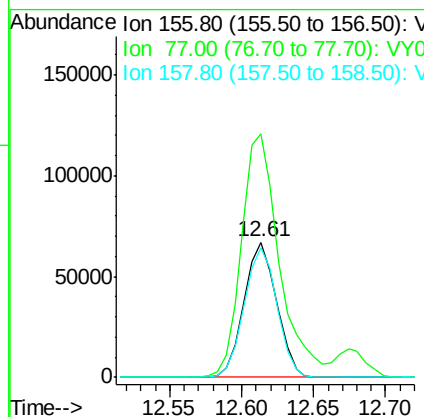
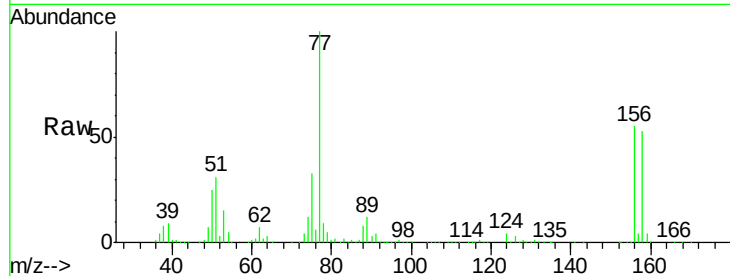
ClientSampleId :

ICVY040820

Tot Ion:	156	Resp:	104859
Ion	Ratio	Lower	Upper
156	100		
77	209.1	101.3	303.9
158	96.7	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.288 ug/l

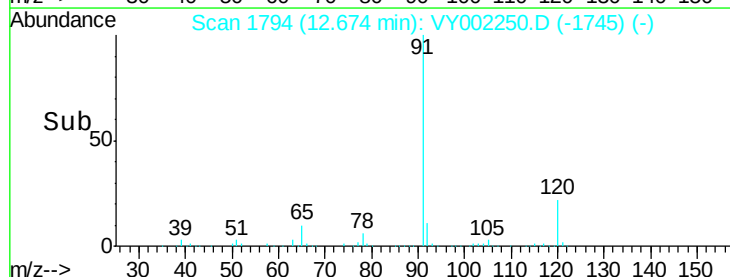
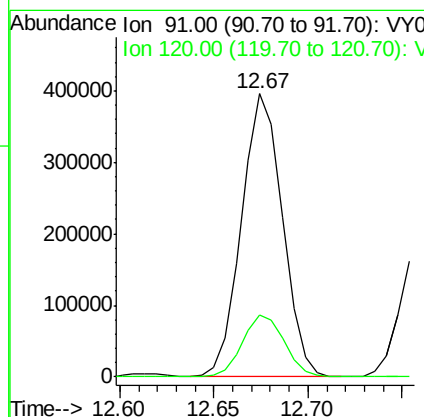
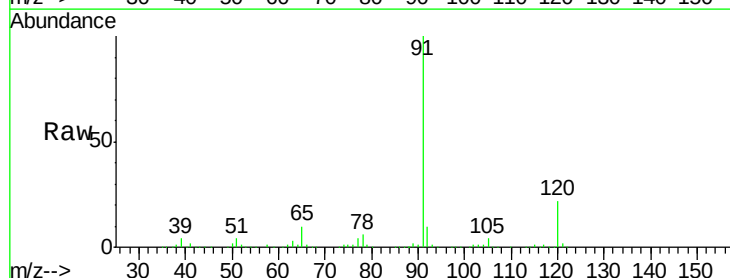
RT: 12.67 min Scan# 1794

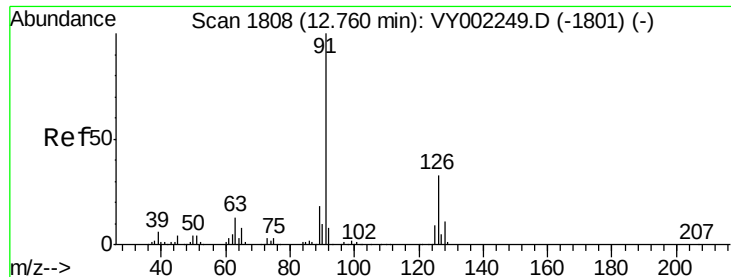
Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	91	Resp:	596629
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5





#79

2-Chlorotoluene

Concen: 49.630 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion: 91 Resp: 326486

Ion Ratio Lower Upper

91 100

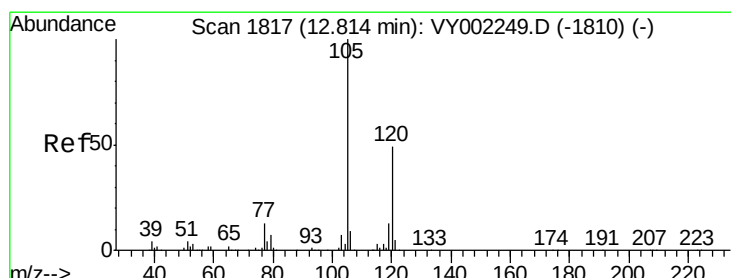
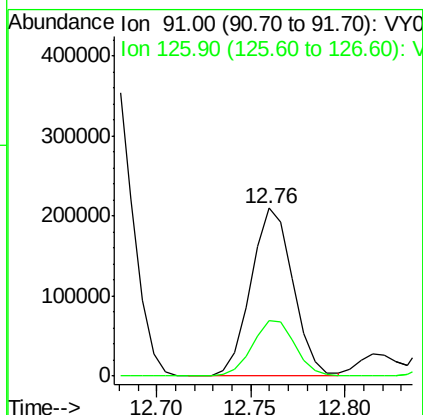
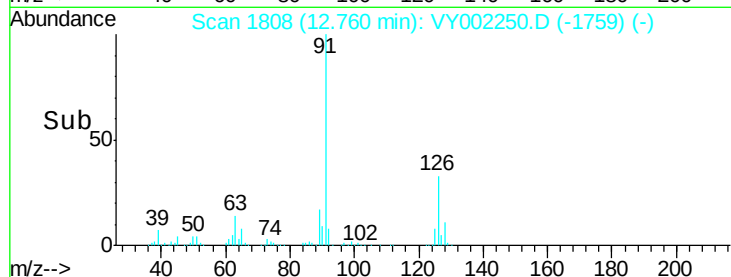
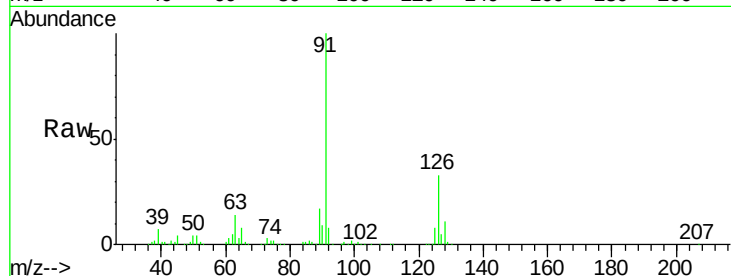
126 33.7 16.9 50.7

Manual Integrations

APPROVED

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4/9/2020 11:32:04 AM



#80

1,3,5-Trimethylbenzene

Concen: 49.672 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY002250.D

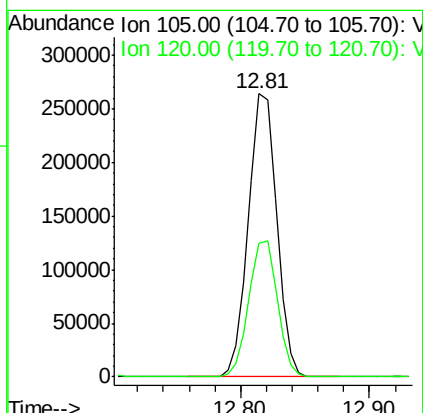
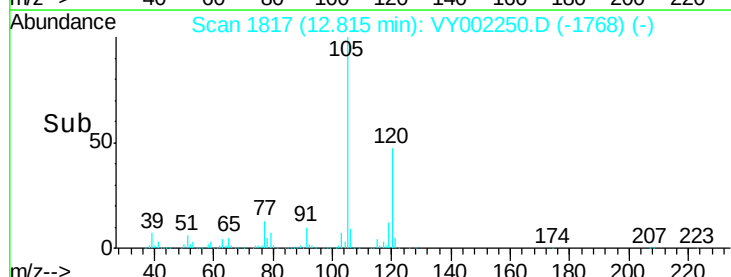
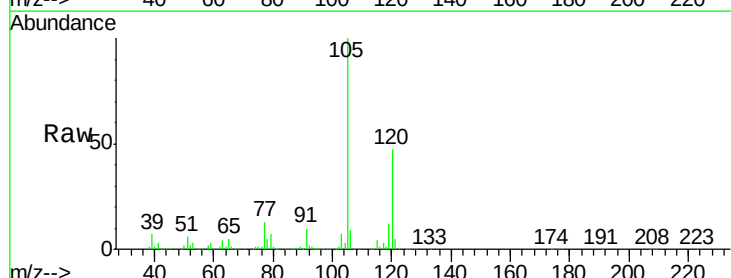
Acq: 08 Apr 2020 14:34

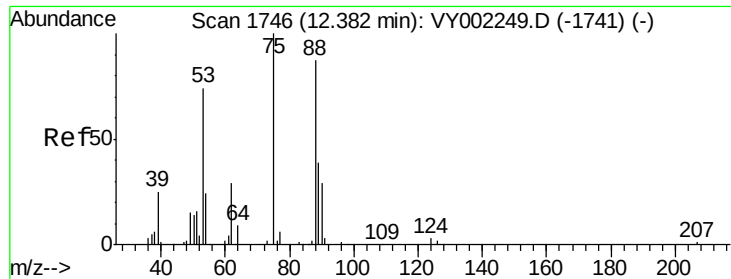
Tgt Ion: 105 Resp: 399827

Ion Ratio Lower Upper

105 100

120 48.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 52.318 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

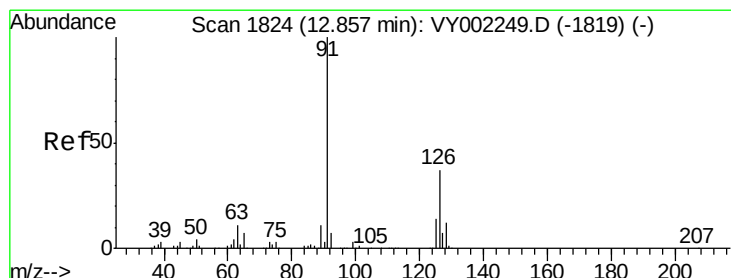
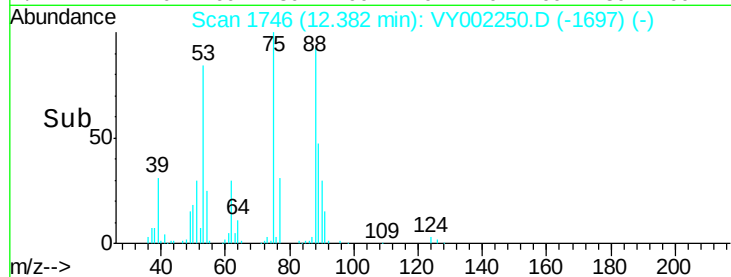
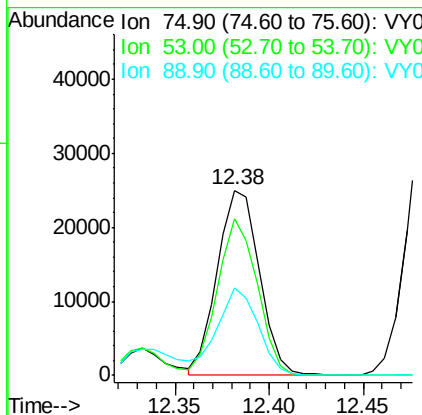
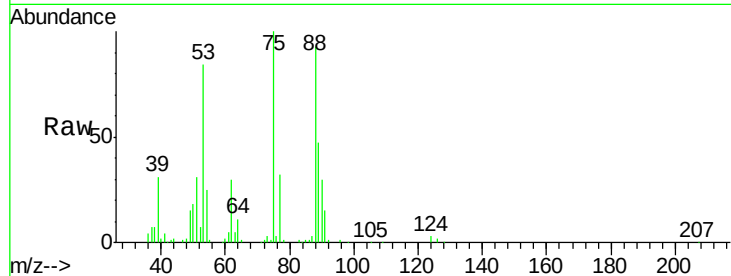
ClientSampleId :

ICVY040820

Tot Ion:	75	Resp:	38698
Ion	Ratio	Lower	Upper
75	100		
53	79.6	59.8	89.8
89	46.3	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.192 ug/l

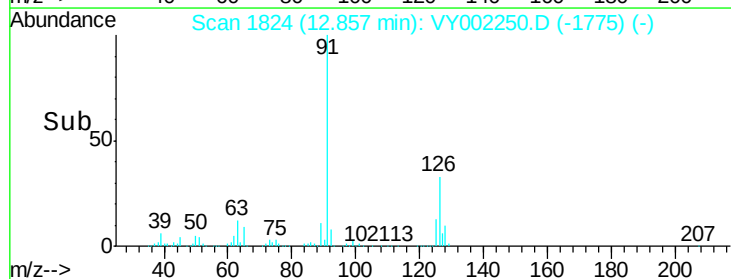
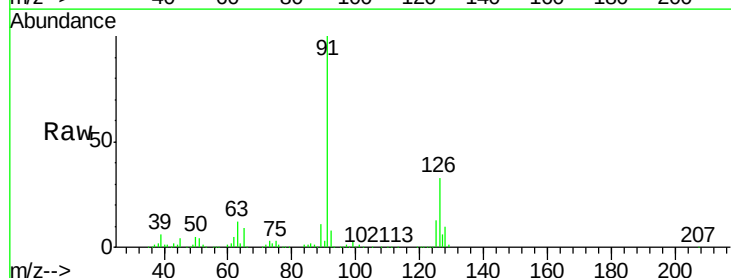
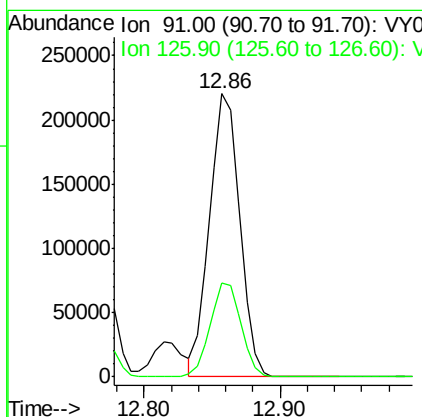
RT: 12.86 min Scan# 1824

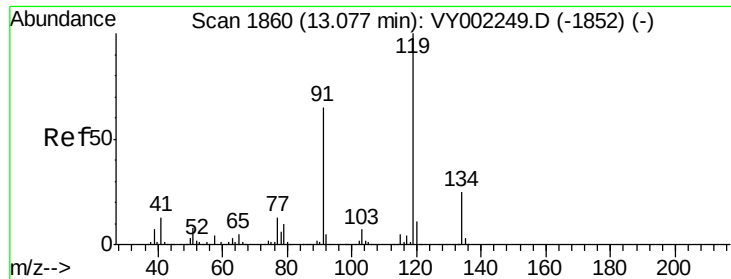
Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	91	Resp:	339172
Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.9	50.7





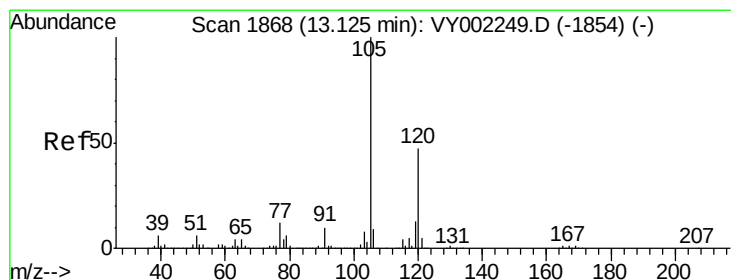
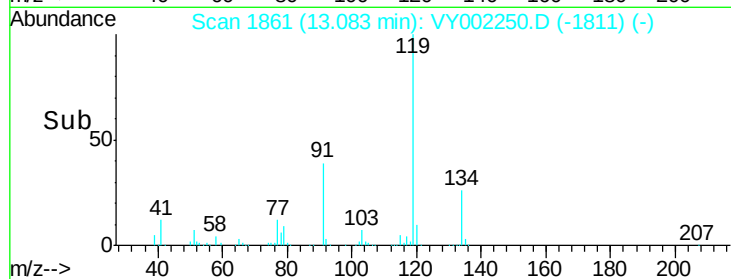
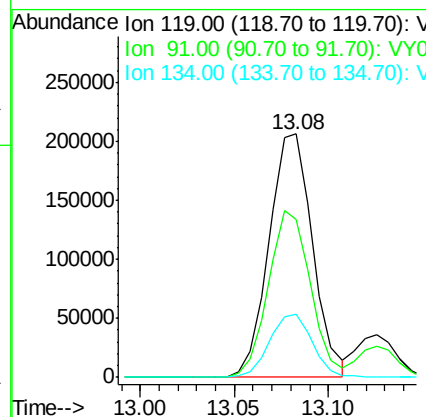
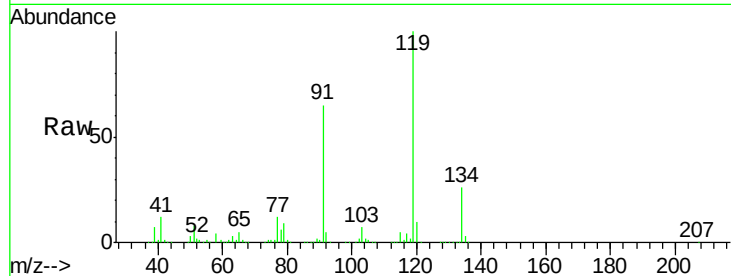
#83
 tert-Butylbenzene
 Concen: 49.004 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.4	97.0
134	25.6	12.6	37.6

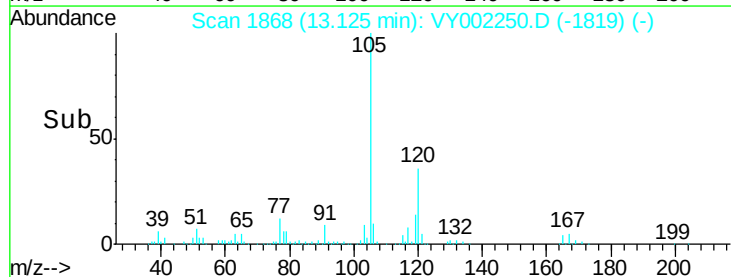
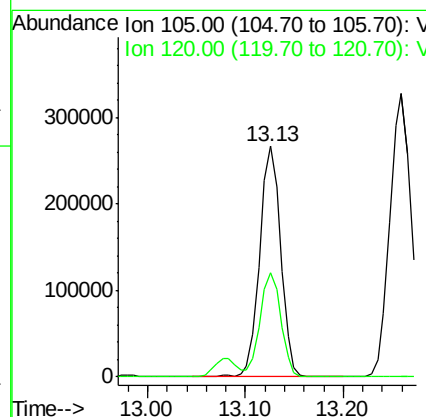
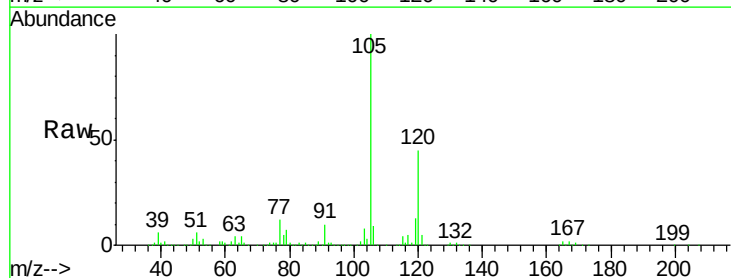
Manual Integrations
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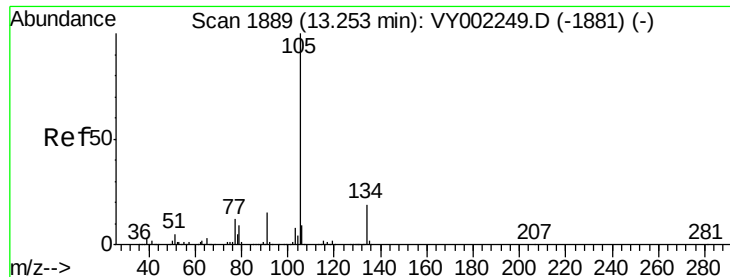
MMDadoda
 4/9/2020 11:32:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.697 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.071 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

ICVY040820

Tot Ion:105 Resp: 492869

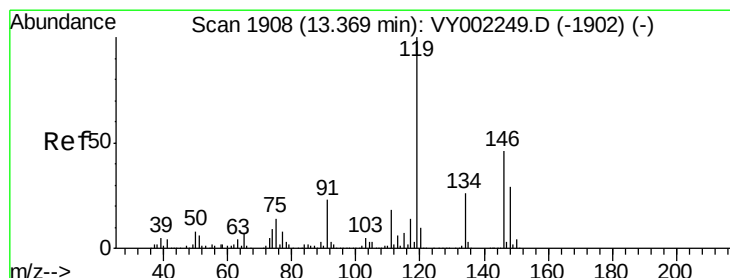
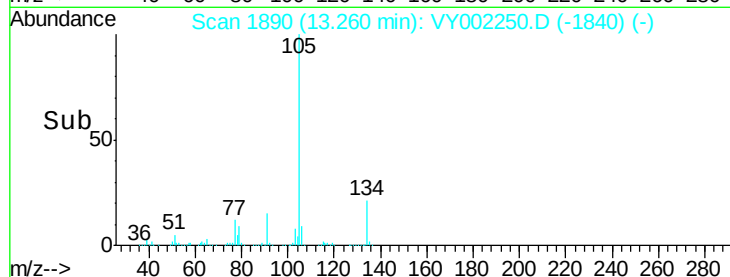
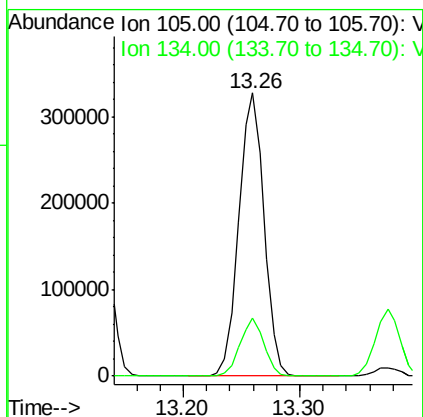
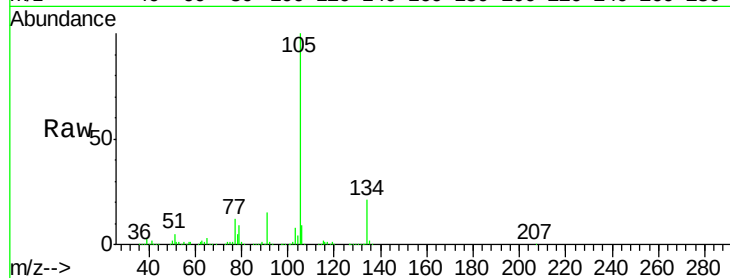
Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 49.519 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

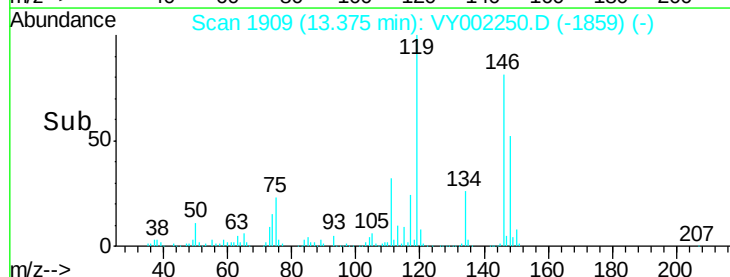
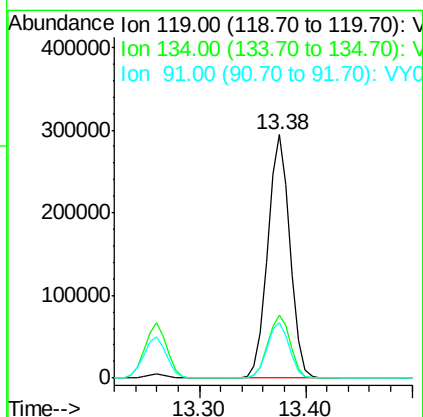
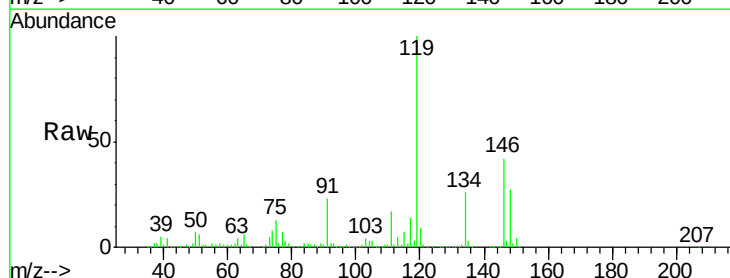
Tgt Ion:119 Resp: 428066

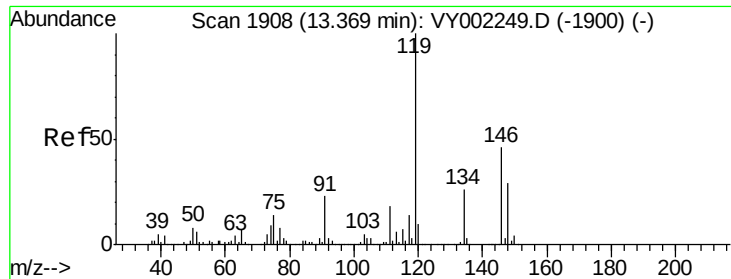
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 48.875 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Instrument :

MSVOA_Y

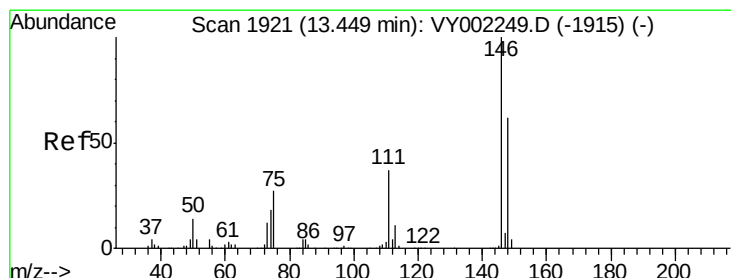
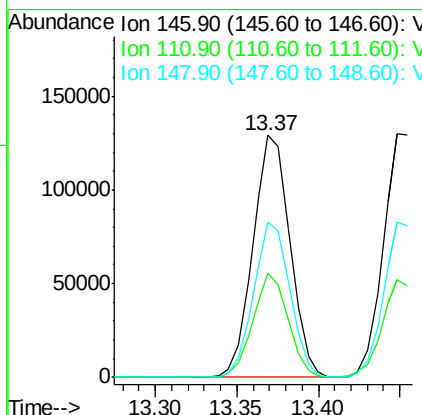
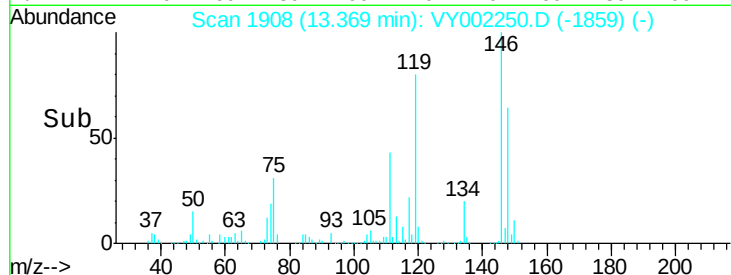
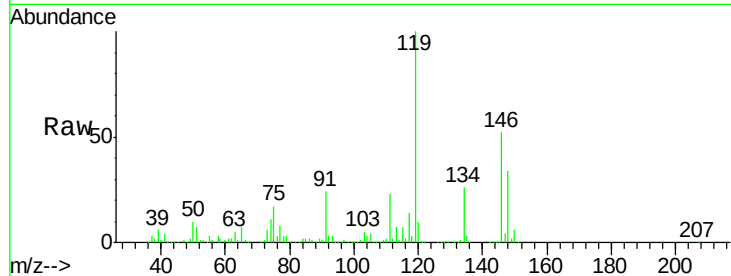
ClientSampleId :

ICVY040820

Tot Ion:	146	Resp:	202830
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	60.8
148	63.2	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.517 ug/l

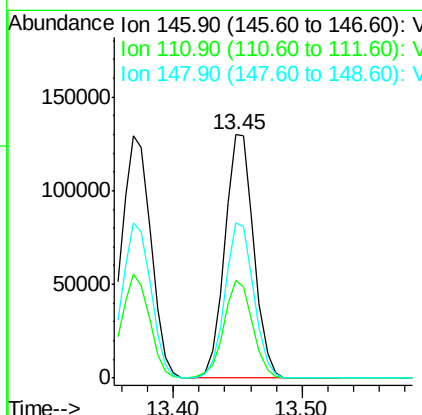
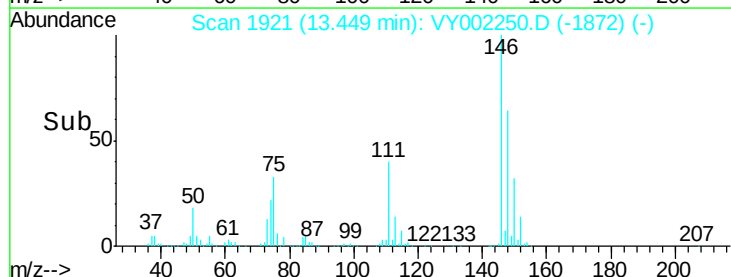
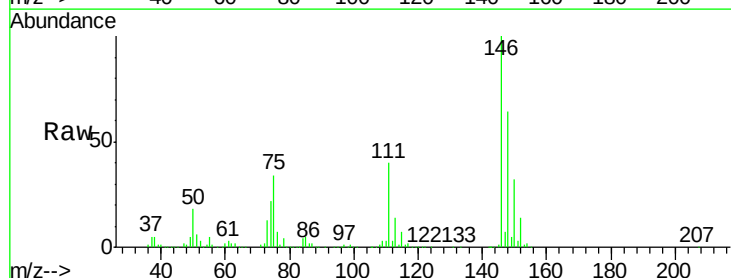
RT: 13.45 min Scan# 1921

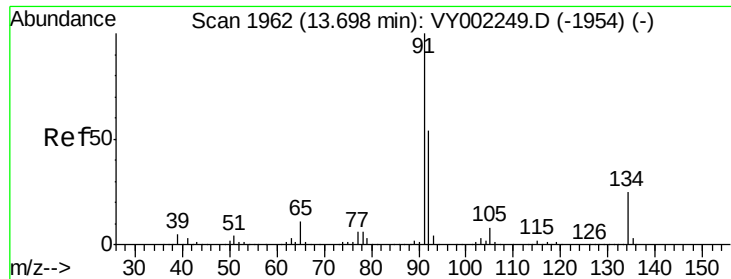
Delta R.T. 0.00 min

Lab File: VY002250.D

Acq: 08 Apr 2020 14:34

Tgt Ion:	146	Resp:	204379
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.6	58.8
148	63.4	32.0	96.0





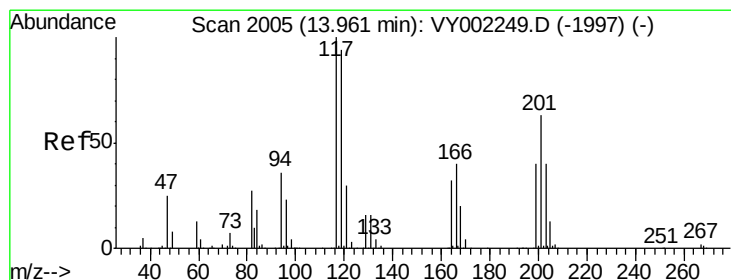
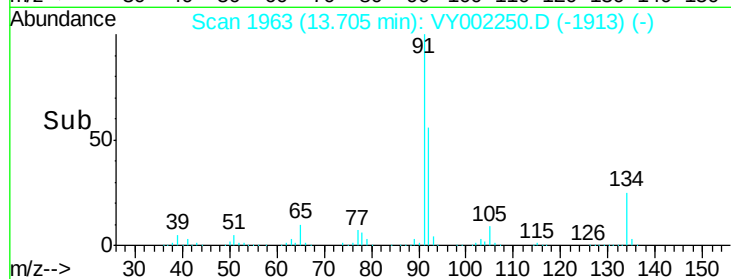
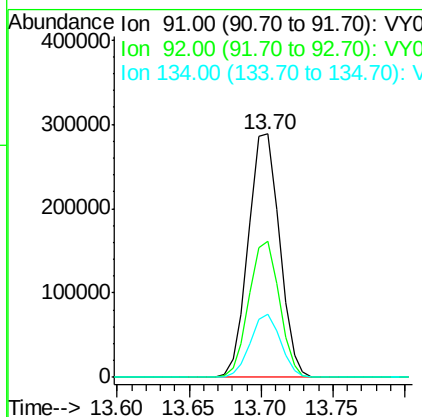
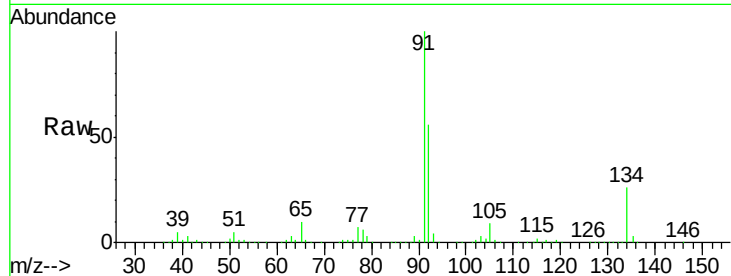
#89
n-Butylbenzene
Concen: 48.787 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	25.2	12.7	38.0

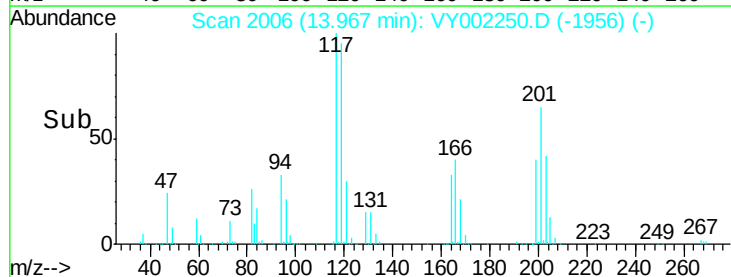
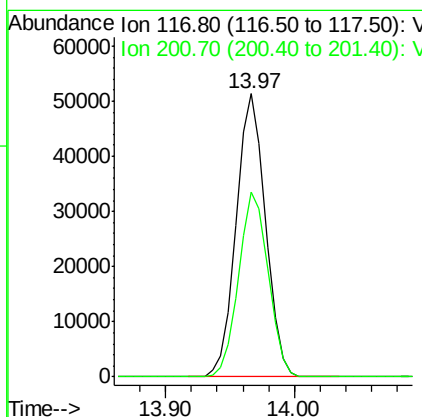
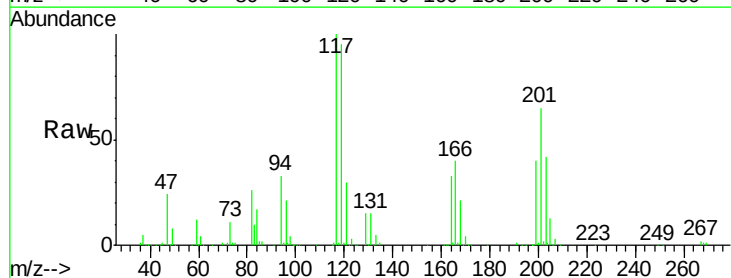
Manual Integrations
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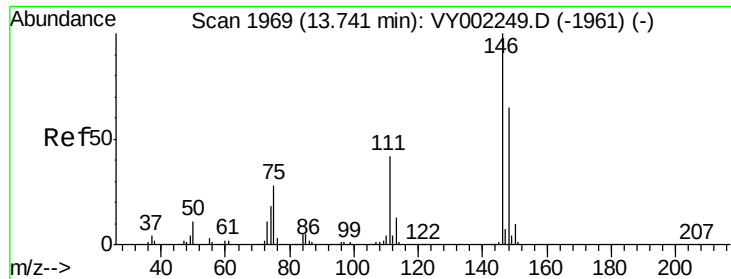
MMDadoda
4/9/2020 11:32:04 AM



#90
Hexachloroethane
Concen: 49.078 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	33.1	99.2





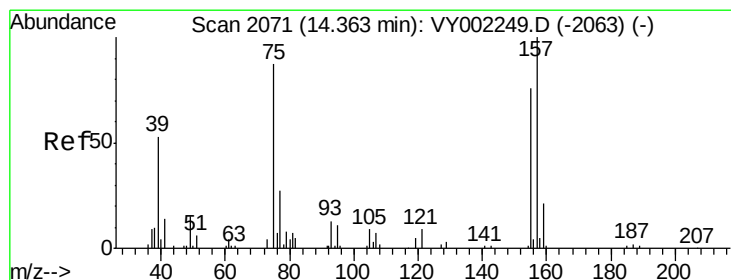
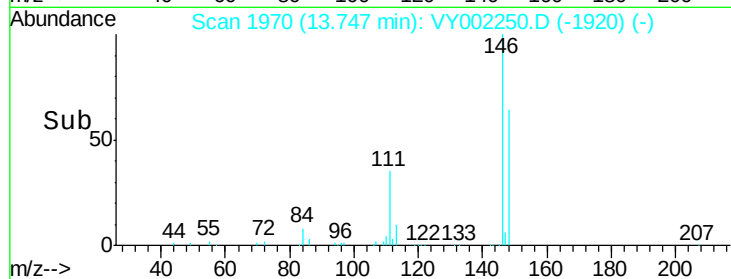
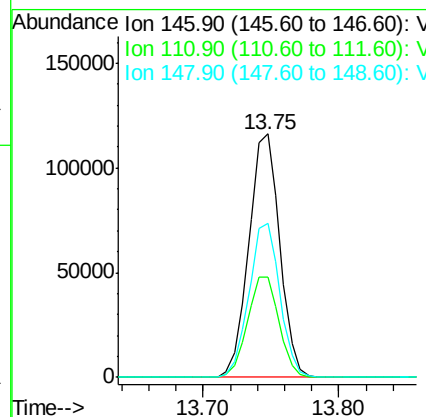
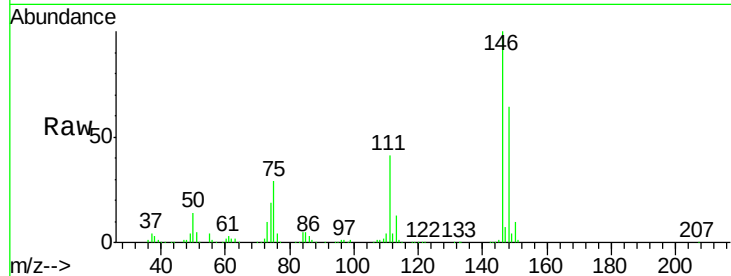
#91
 1,2-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	63.0	31.9	95.9

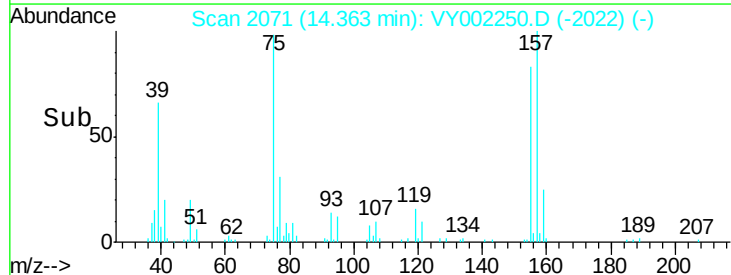
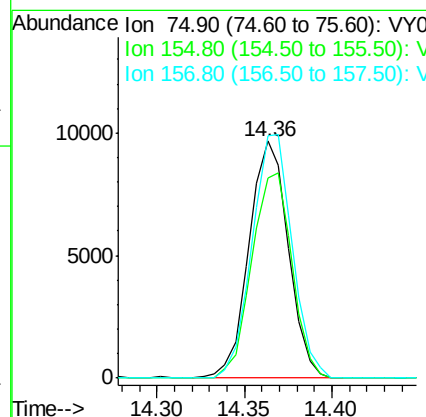
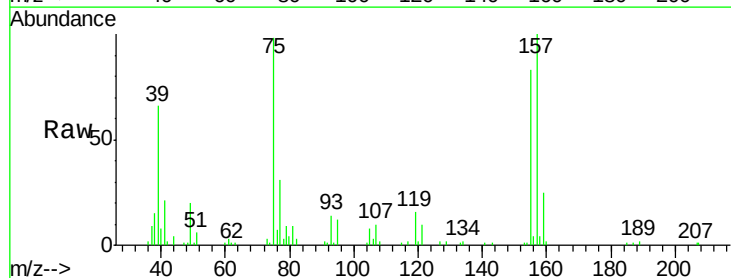
Manual Integrations
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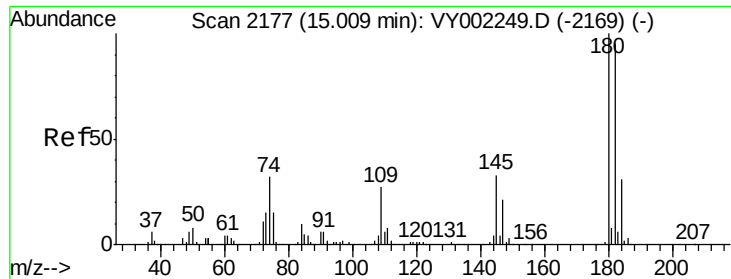
MMDadoda
 4/9/2020 11:32:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.497 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	43.6	130.8
157	104.5	56.0	168.2





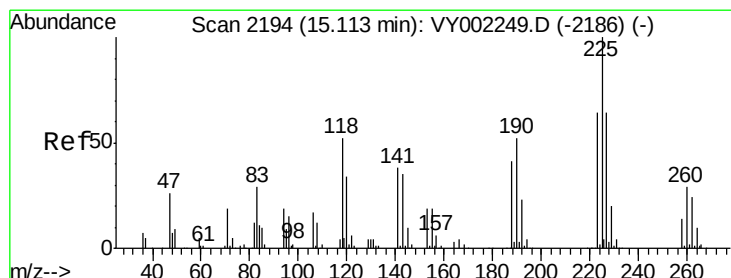
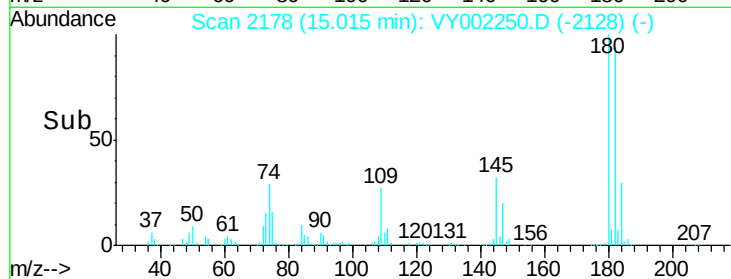
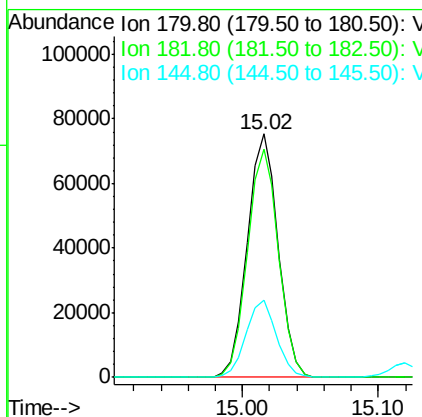
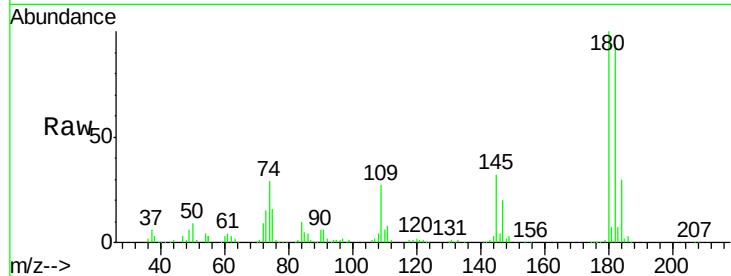
#93
 1,2,4-Trichlorobenzene
 Concen: 48.434 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040820

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119379		
182	94.2	47.9	143.7	
145	31.4	16.0	48.0	

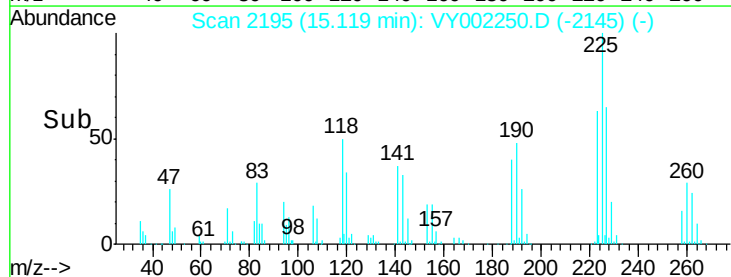
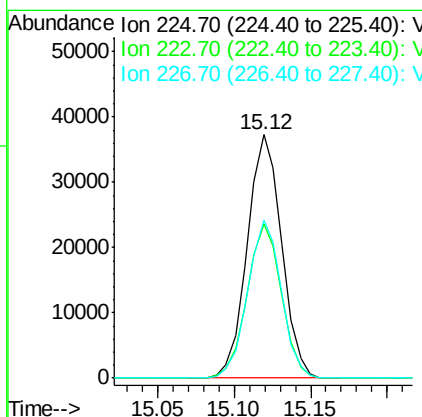
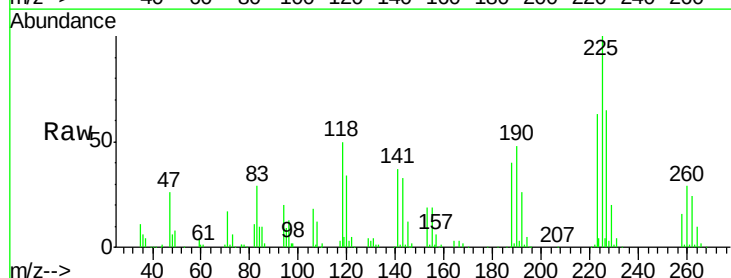
Manual Integrations
 APPROVED

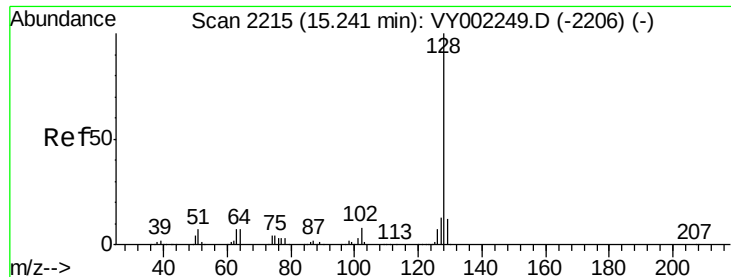
MMDadoda
 4/9/2020 11:32:04 AM



#94
 Hexachlorobutadiene
 Concen: 46.811 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002250.D
 Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58112		
223	63.3	31.0	93.0	
227	63.5	31.3	93.9	





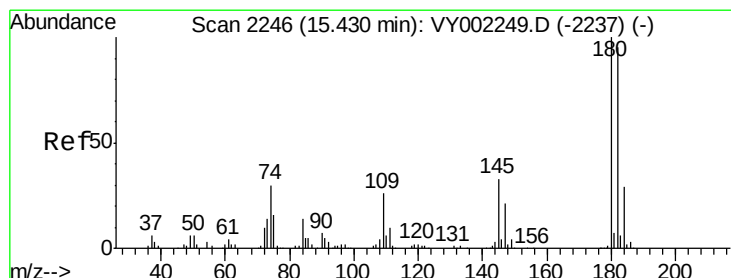
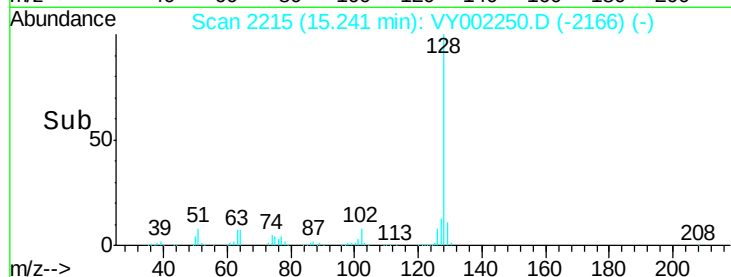
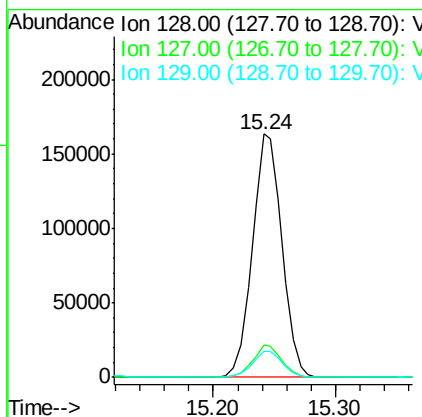
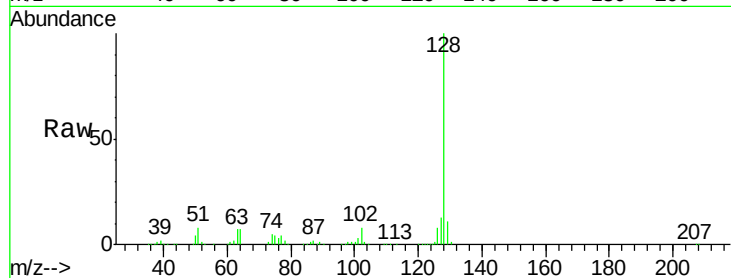
#95
Naphthalene
Concen: 50.677 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
ICVY040820

Tot Ion	Ratio	Resp	Lower	Upper
128	100	273489		
127	12.9		10.1	15.1
129	10.8		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:04 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.826 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002250.D
Acq: 08 Apr 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102357		
182	94.5		47.1	141.3
145	33.9		16.7	50.1

