

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002252.D
 Acq On : 08 Apr 2020 16:12
 Operator : SY/MD
 Sample : VY0408SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:32:07 AM

Quant Time: Apr 09 02:05:56 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	159731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	290978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	261229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	122699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	90683	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	7.73	113	88425	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.19	98	373411	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.49	95	125931	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	32356	20.043	ug/l	97
3) Chloromethane	2.12	50	41935	20.640	ug/l	97
4) Vinyl Chloride	2.26	62	44688	20.664	ug/l	95
5) Bromomethane	2.65	94	28082	21.028	ug/l	95
6) Chloroethane	2.80	64	25897	20.764	ug/l	95
7) Trichlorofluoromethane	3.13	101	57271	20.507	ug/l	98
8) Diethyl Ether	3.54	74	23599	19.877	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	39481	20.811	ug/l	99
10) Methyl Iodide	4.10	142	40508	18.370	ug/l	100
11) Tert butyl alcohol	4.97	59	23765	106.350	ug/l	98
12) 1,1-Dichloroethene	3.88	96	39958	20.717	ug/l	97
13) Acrolein	3.74	56	23093	100.828	ug/l	100
14) Allyl chloride	4.49	41	64836	20.817	ug/l	99
15) Acrylonitrile	5.18	53	62321	102.645	ug/l	99
16) Acetone	3.96	43	49303	105.381	ug/l	98
17) Carbon Disulfide	4.21	76	131087	20.465	ug/l	98
18) Methyl Acetate	4.49	43	32914	22.681	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	104746	20.658	ug/l	97
20) Methylene Chloride	4.73	84	46280	20.126	ug/l	96
21) trans-1,2-Dichloroethene	5.24	96	45149	20.855	ug/l	99
22) Diisopropyl ether	6.13	45	131915	21.046	ug/l	96
23) Vinyl Acetate	6.08	43	417214	104.454	ug/l	100
24) 1,1-Dichloroethane	6.03	63	73631	20.653	ug/l	98
25) 2-Butanone	7.00	43	76772	103.690	ug/l	97
26) 2,2-Dichloropropane	7.00	77	61311	20.559	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	48443	20.528	ug/l	99
28) Bromochloromethane	7.35	49	33166	21.551	ug/l	93
29) Tetrahydrofuran	7.36	42	51187	104.587	ug/l	99
30) Chloroform	7.52	83	71017	21.132	ug/l	95
31) Cyclohexane	7.80	56	78374	20.943	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	58365	20.866	ug/l	99
36) 1,1-Dichloropropene	7.93	75	60212	21.008	ug/l	99
37) Ethyl Acetate	7.08	43	32851	20.064	ug/l	99
38) Carbon Tetrachloride	7.91	117	50231	20.489	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	80256	20.585	ug/l	98
40) Benzene	8.17	78	175993	20.239	ug/l	99
41) Methacrylonitrile	7.33	41	20434m	21.156	ug/l	
42) 1,2-Dichloroethane	8.25	62	43650	20.264	ug/l	99
43) Isopropyl Acetate	8.28	43	61002	20.428	ug/l	99
44) Trichloroethene	8.95	130	51886	20.295	ug/l	96
45) 1,2-Dichloropropane	9.22	63	43328	20.082	ug/l	100
46) Dibromomethane	9.31	93	22761	20.176	ug/l	99
47) Bromodichloromethane	9.50	83	52628	20.332	ug/l	96
48) Methyl methacrylate	9.30	41	28172	21.040	ug/l	98
49) 1,4-Dioxane	9.30	88	6972	436.908	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	161860	104.021	ug/l	99
52) Toluene	10.25	92	107305	20.476	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	58482	20.737	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	67631	19.947	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	33586	20.336	ug/l	96
56) Ethyl methacrylate	10.52	69	48691	20.656	ug/l	98
57) 1,3-Dichloropropane	10.80	76	58841	20.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	130475	106.887	ug/l	99
59) 2-Hexanone	10.84	43	111158	102.931	ug/l	100
60) Dibromochloromethane	10.99	129	36431	20.687	ug/l	97
61) 1,2-Dibromoethane	11.09	107	32282	20.531	ug/l	100
64) Tetrachloroethene	10.72	164	54741	20.727	ug/l	99
65) Chlorobenzene	11.52	112	112330	20.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	36242	20.215	ug/l	97
67) Ethyl Benzene	11.60	91	206401	20.763	ug/l	99
68) m/p-Xylenes	11.70	106	155382	41.732	ug/l	100
69) o-Xylene	12.03	106	73164	20.930	ug/l	99
70) Styrene	12.05	104	125125	20.632	ug/l	99
71) Bromoform	12.21	173	20078	20.594	ug/l	# 98
73) Isopropylbenzene	12.33	105	194956	20.225	ug/l	99
74) N-amyl acetate	12.14	43	55527	20.293	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	23941	20.528	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	26187m	18.379	ug/l	
77) Bromobenzene	12.61	156	42839	20.200	ug/l	99
78) n-propylbenzene	12.67	91	242923	20.263	ug/l	100
79) 2-Chlorotoluene	12.76	91	133038	20.420	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	162969	20.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	14754	20.141	ug/l	96
82) 4-Chlorotoluene	12.86	91	138882	20.338	ug/l	100
83) tert-Butylbenzene	13.08	119	135431	20.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	162576	20.422	ug/l	100
85) sec-Butylbenzene	13.25	105	201066	20.213	ug/l	100
86) p-Isopropyltoluene	13.37	119	177092	20.685	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	83011	20.197	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	82568	19.791	ug/l	98
89) n-Butylbenzene	13.70	91	179874	20.497	ug/l	98
90) Hexachloroethane	13.97	117	32140	19.700	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	75522	20.222	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6026	21.364	ug/l	95

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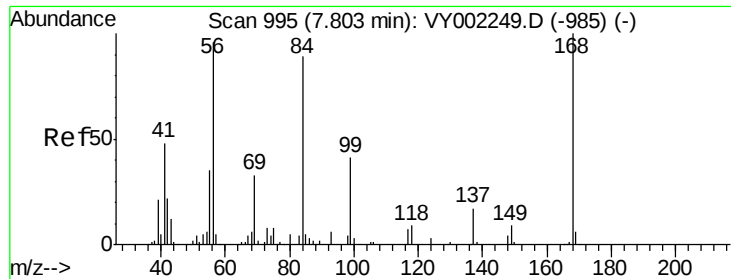
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	49648	20.338	ug/l	97
94) Hexachlorobutadiene	15.11	225	23982	19.506	ug/l	100
95) Naphthalene	15.24	128	108627	20.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	42585	20.091	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion:168 Resp: 159731

Ion Ratio Lower Upper

168 100

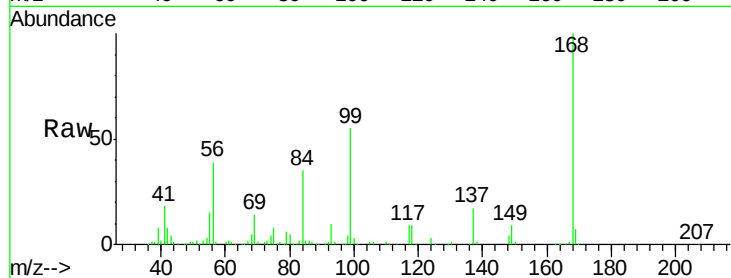
99 54.9 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.80

60000

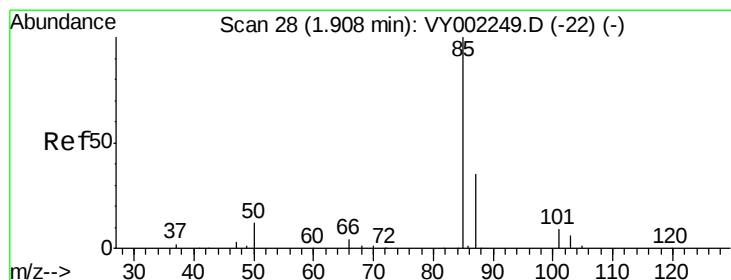
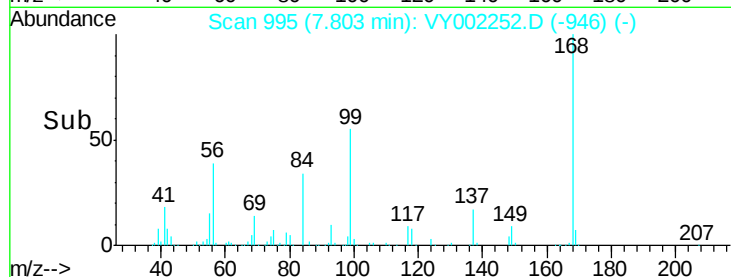
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.043 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002252.D

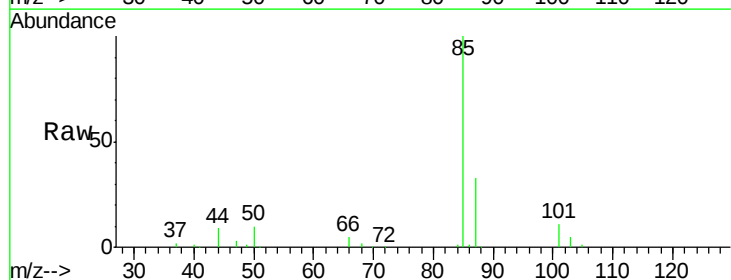
Acq: 08 Apr 2020 16:12

Tgt Ion: 85 Resp: 32356

Ion Ratio Lower Upper

85 100

87 33.1 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

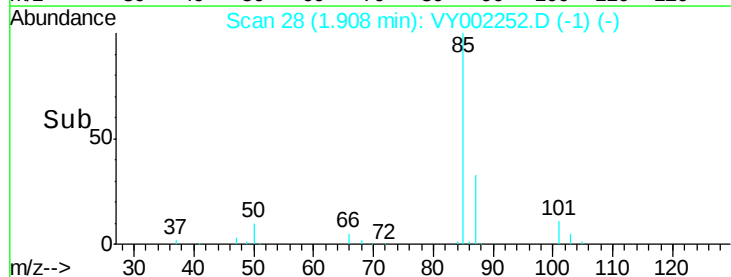
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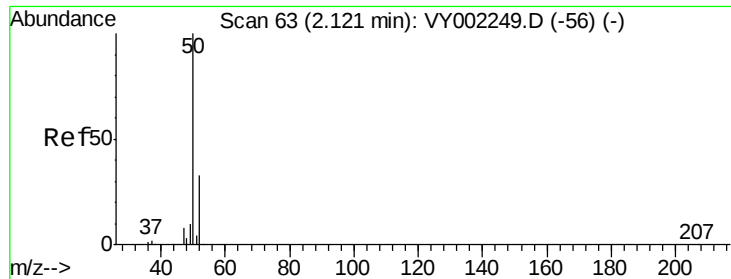
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.640 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 50 Resp: 41935

Ion Ratio Lower Upper

50 100

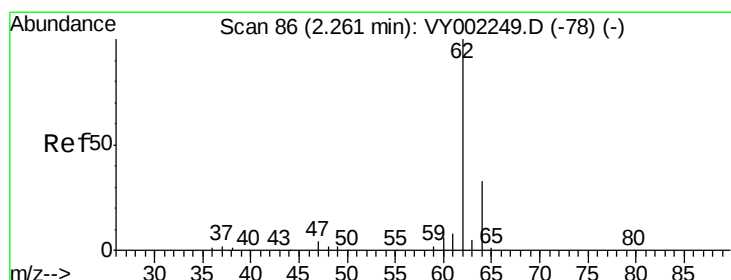
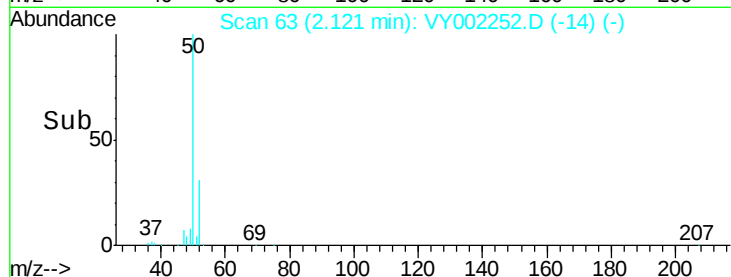
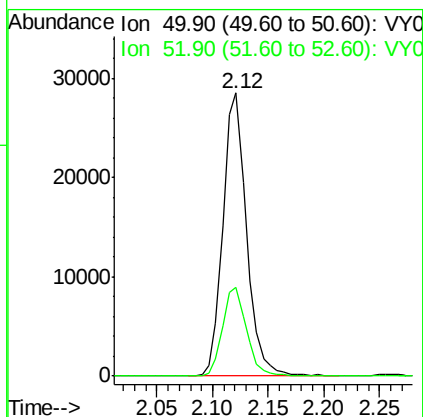
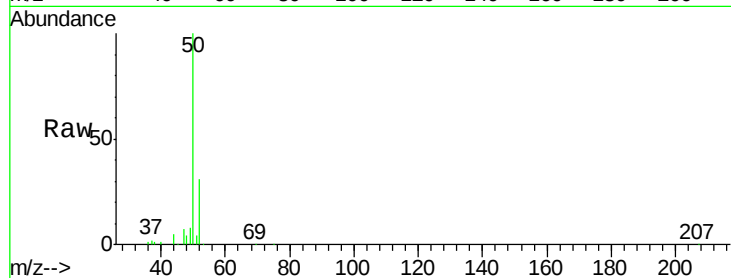
52 31.3 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.664 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY002252.D

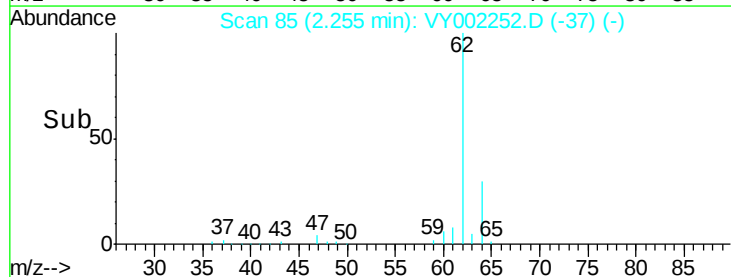
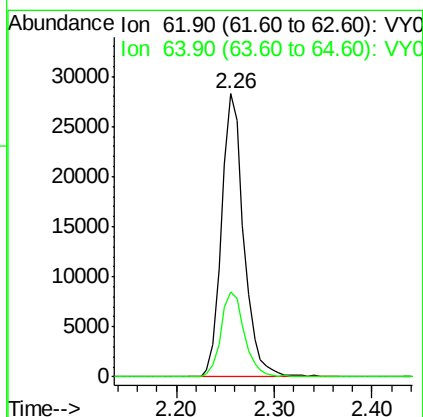
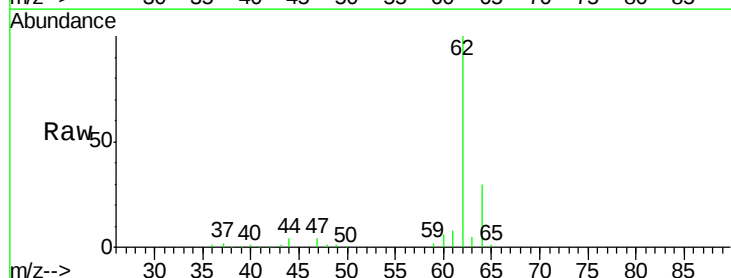
Acq: 08 Apr 2020 16:12

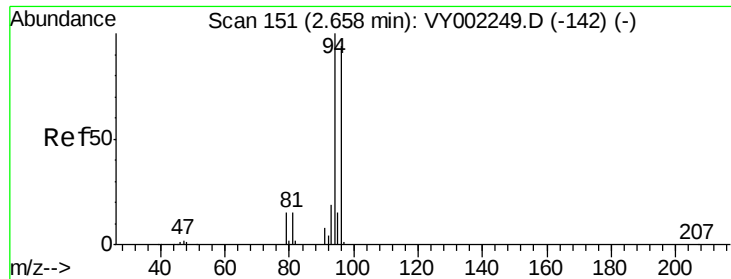
Tgt Ion: 62 Resp: 44688

Ion Ratio Lower Upper

62 100

64 29.8 26.2 39.2





#5

Bromomethane

Concen: 21.028 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 94 Resp: 28082

Ion Ratio Lower Upper

94 100

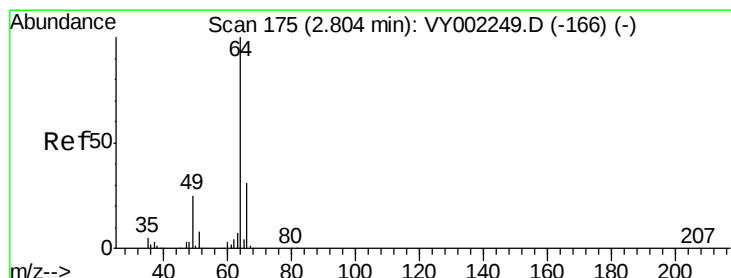
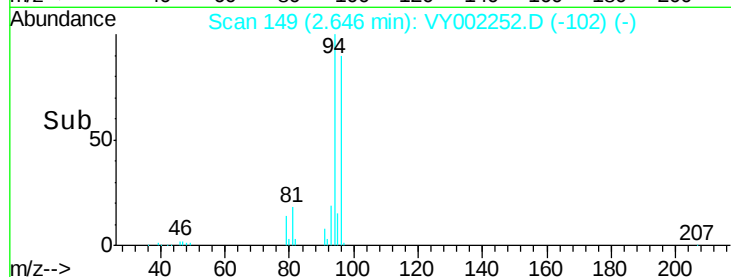
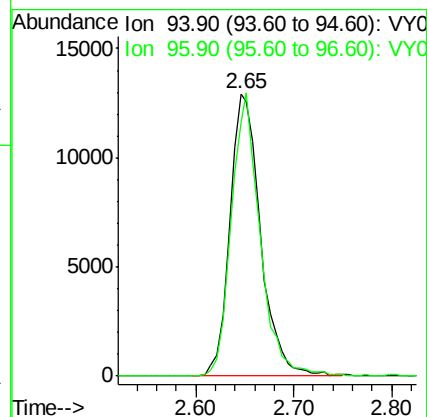
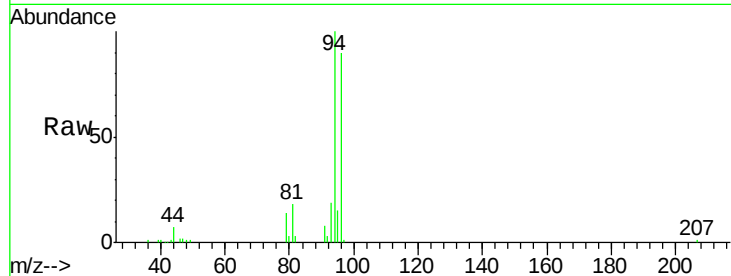
96 90.1 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 20.764 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002252.D

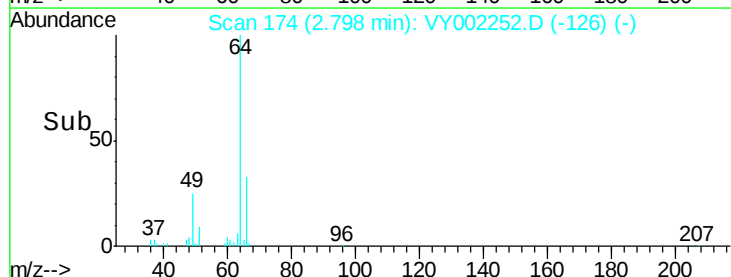
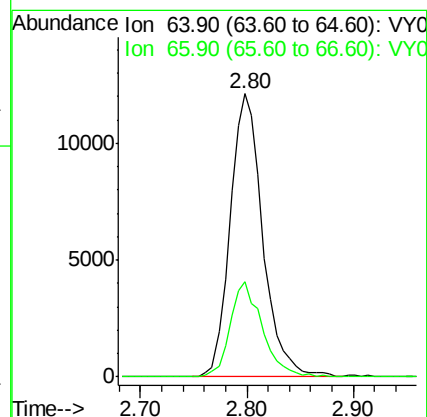
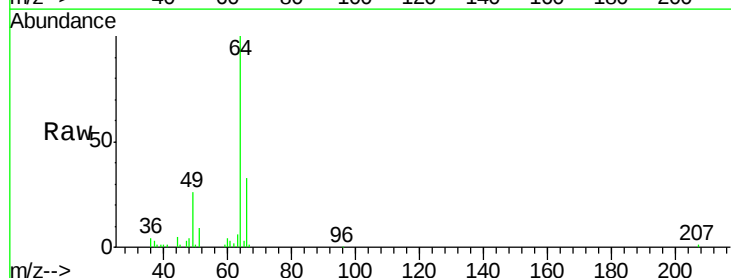
Acq: 08 Apr 2020 16:12

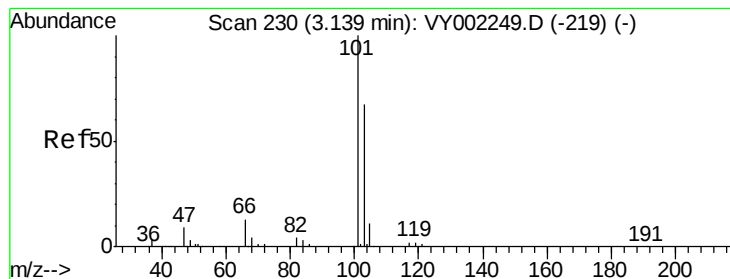
Tgt Ion: 64 Resp: 25897

Ion Ratio Lower Upper

64 100

66 33.4 24.6 37.0





#7

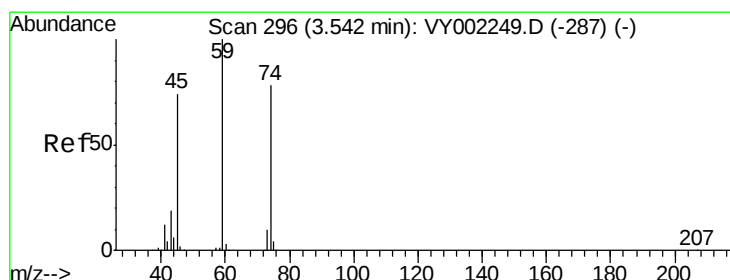
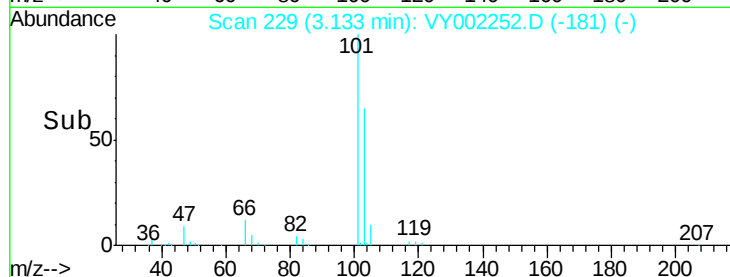
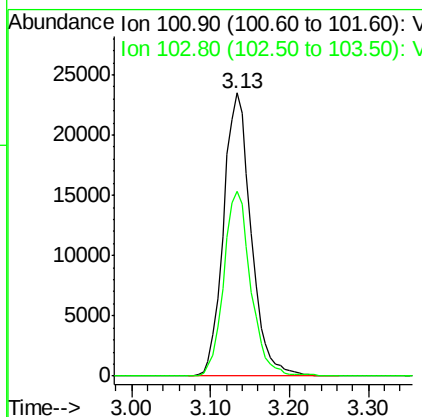
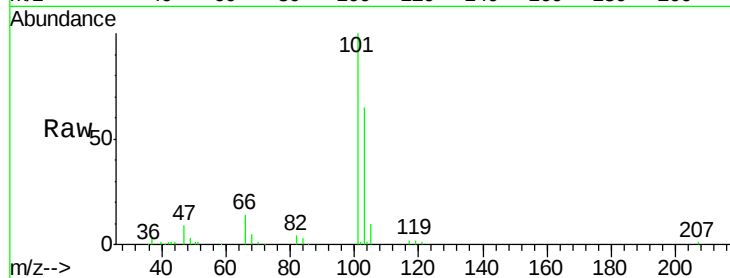
Trichlorofluoromethane
 Concen: 20.507 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

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 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	53.3	79.9

Manual Integrations
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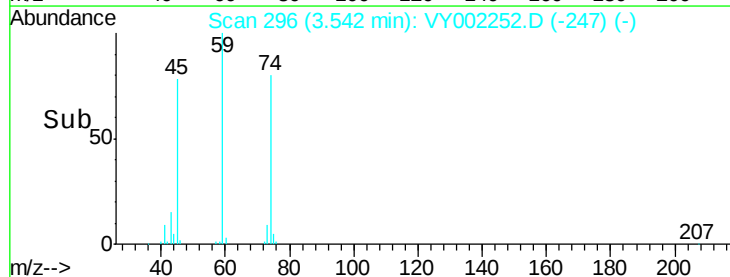
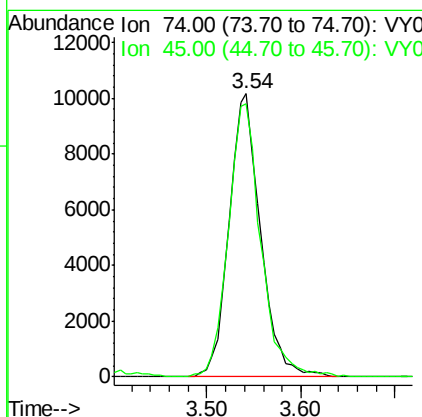
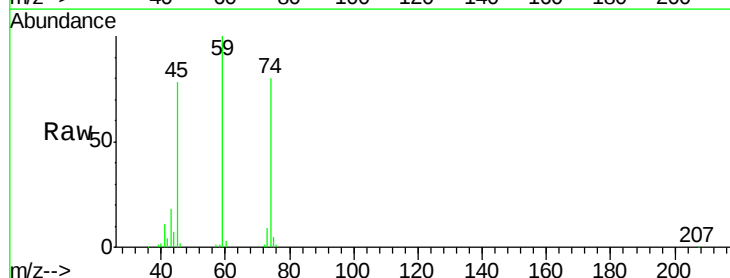
MMDadoda
 4/9/2020 11:32:07 AM

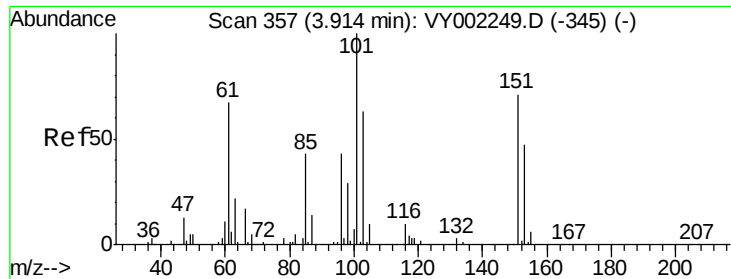


#8

Diethyl Ether
 Concen: 19.877 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.811 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

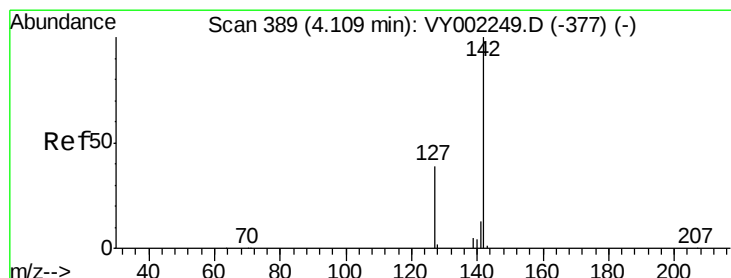
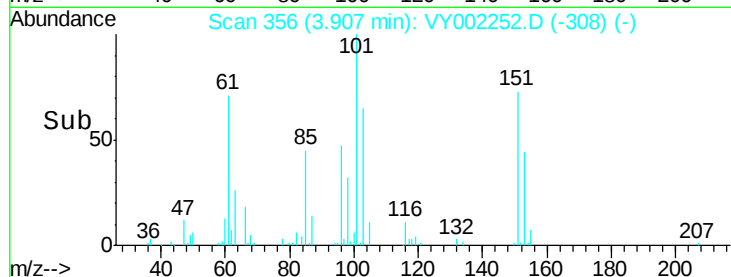
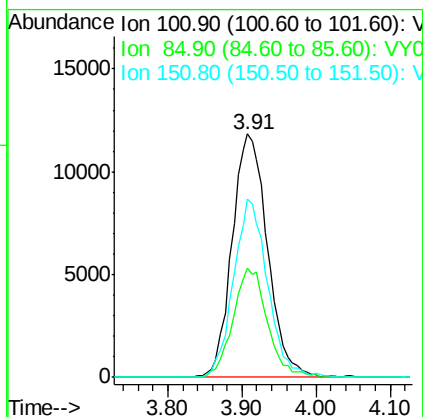
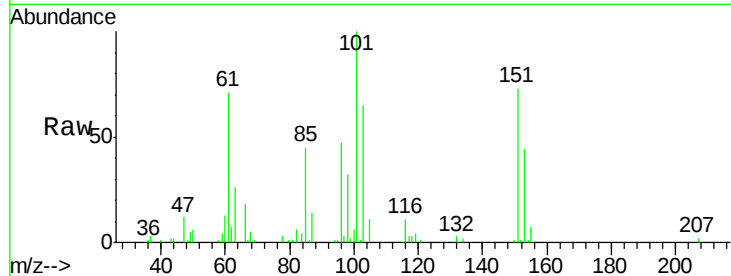
ClientSampleId :

VY0408SBS01

Tot Ion:	101	Resp:	39481
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.6	52.0
151	70.2	57.6	86.4

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#10

Methyl Iodide

Concen: 18.370 ug/l

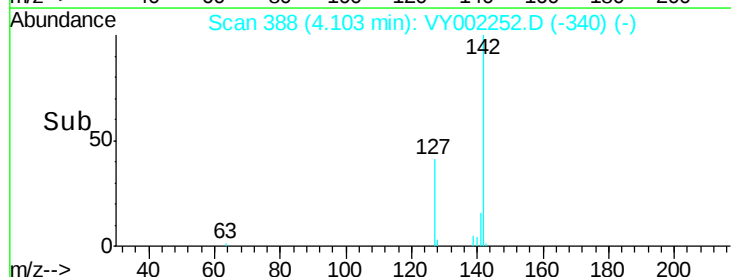
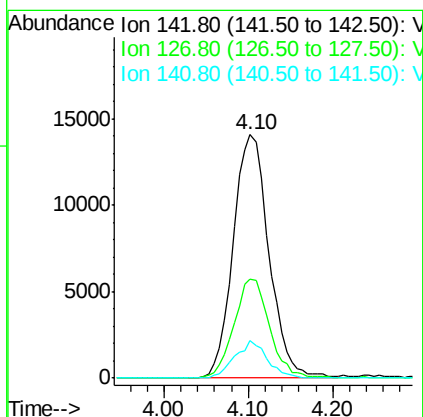
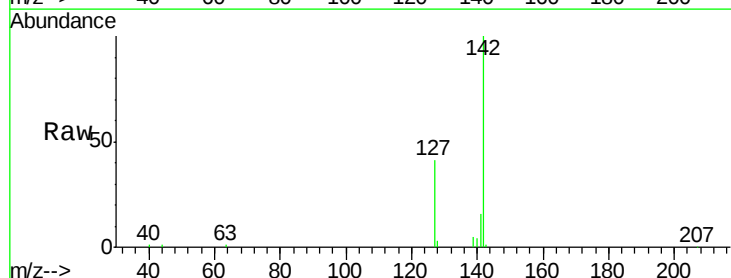
RT: 4.10 min Scan# 388

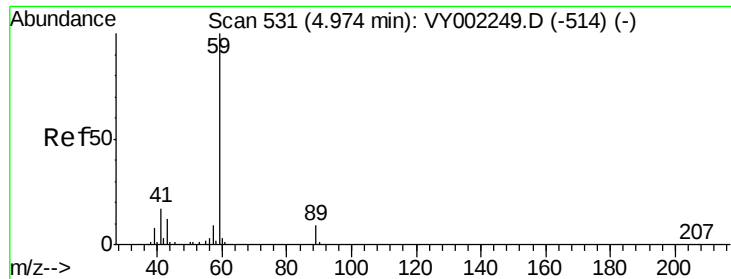
Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion:	142	Resp:	40508
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.4	48.6
141	13.8	11.2	16.8





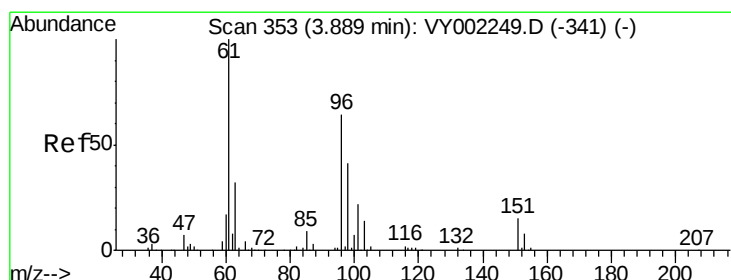
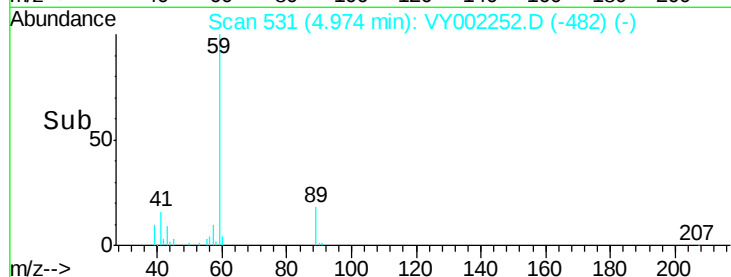
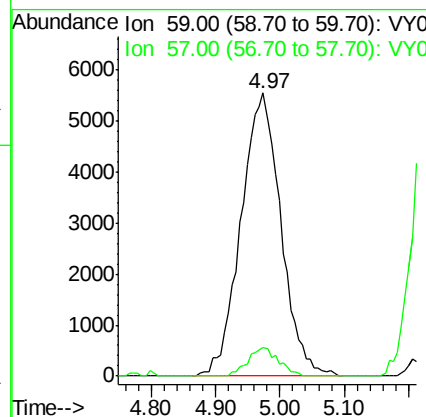
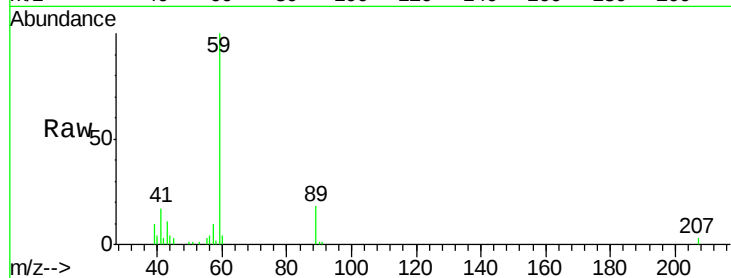
#11
Tert butyl alcohol
Concen: 106.350 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion: 59 Resp: 23765
Ion Ratio Lower Upper
59 100
57 7.6 6.6 9.8

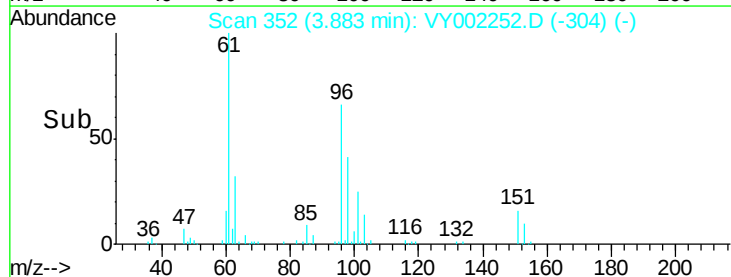
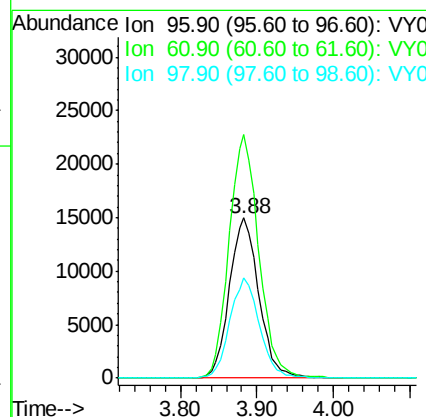
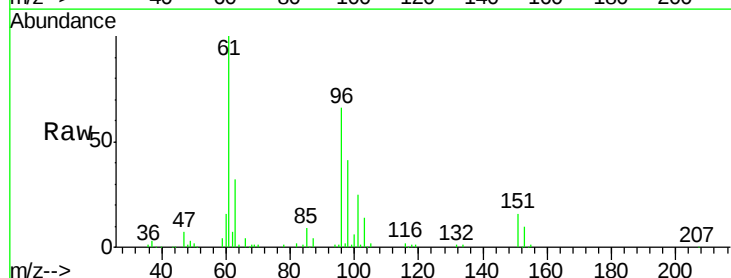
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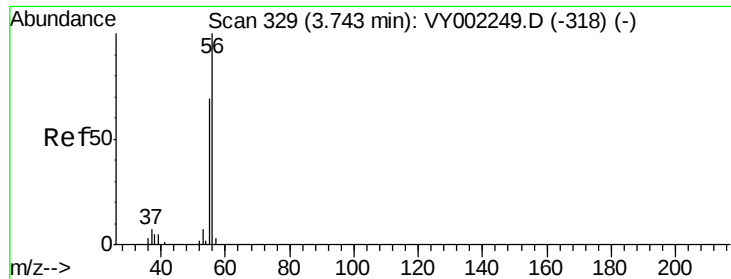
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.717 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 96 Resp: 39958
Ion Ratio Lower Upper
96 100
61 152.3 125.9 188.9
98 62.8 51.1 76.7





#13

Acrolein

Concen: 100.828 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 56 Resp: 23093

Ion Ratio Lower Upper

56 100

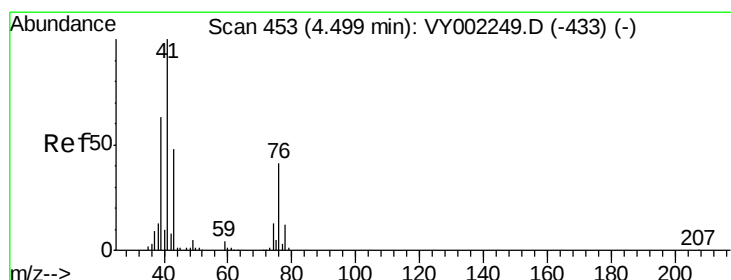
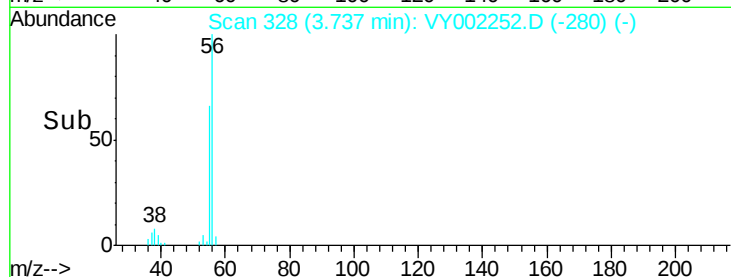
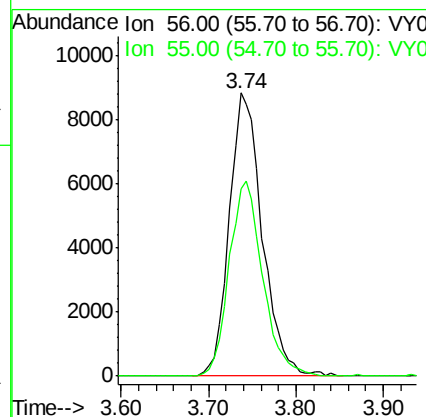
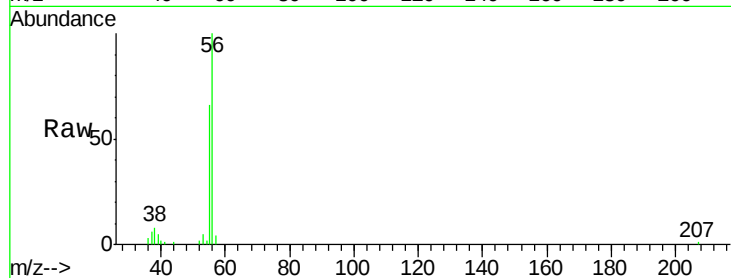
55 69.9 55.8 83.8

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#14

Allyl chloride

Concen: 20.817 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

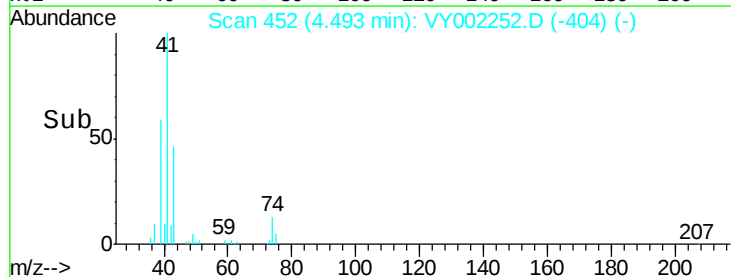
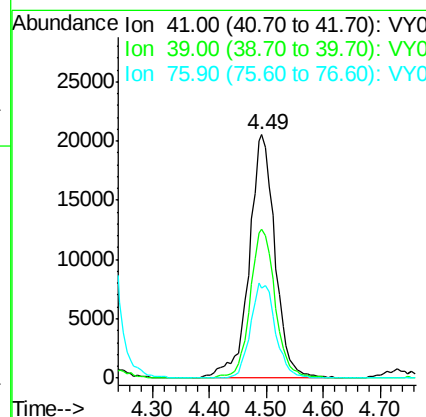
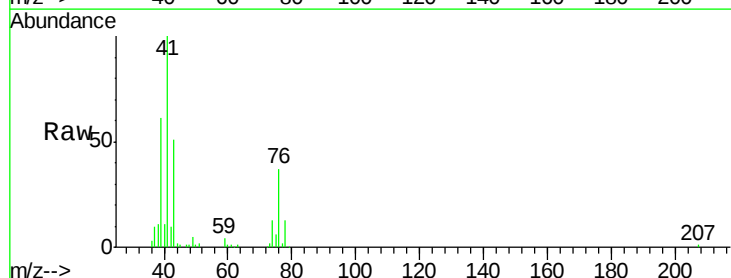
Tgt Ion: 41 Resp: 64836

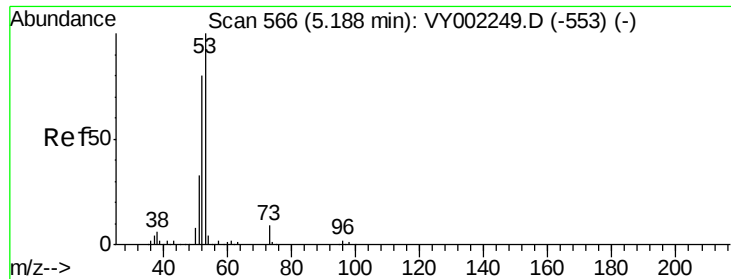
Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 37.2 31.0 46.6





#15

Acrylonitrile

Concen: 102.645 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

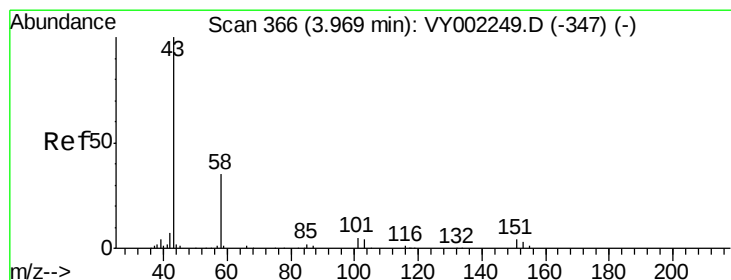
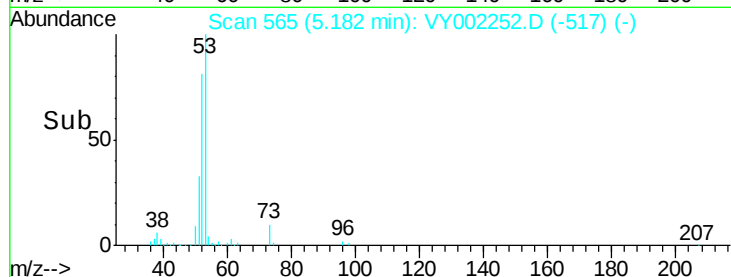
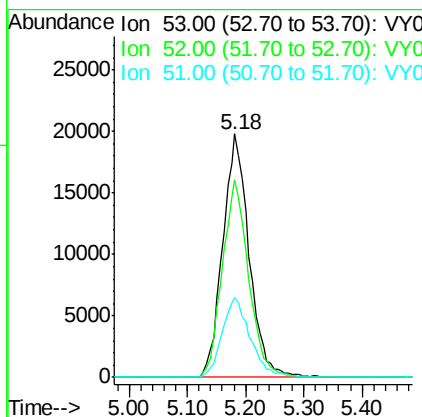
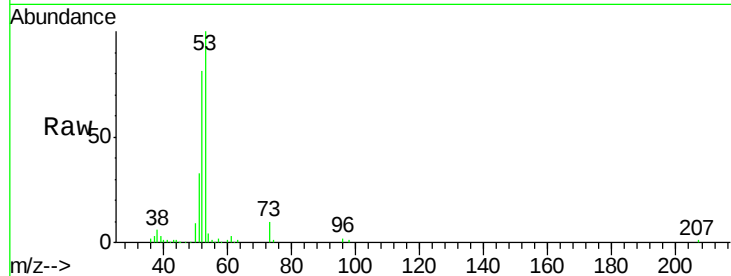
ClientSampleId :

VY0408SBS01

Tot Ion:	53	Resp:	62321
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.1	97.7
51	34.7	27.1	40.7

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#16

Acetone

Concen: 105.381 ug/l

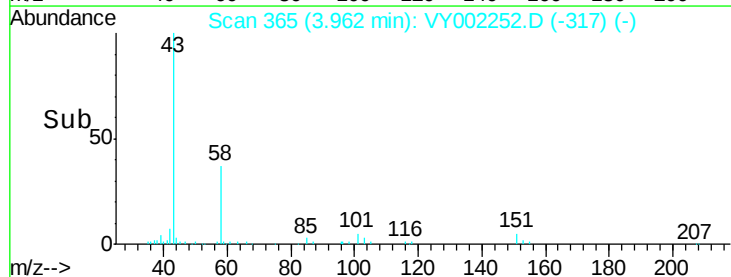
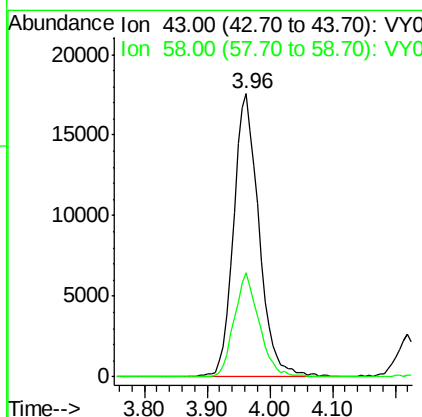
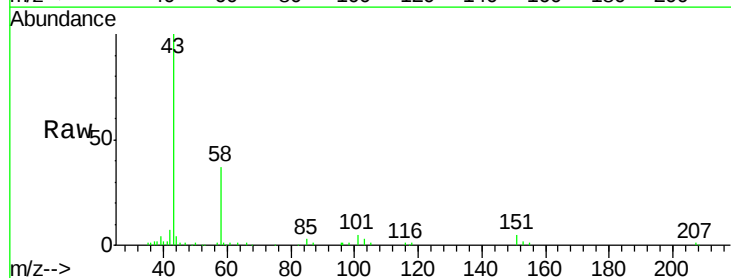
RT: 3.96 min Scan# 365

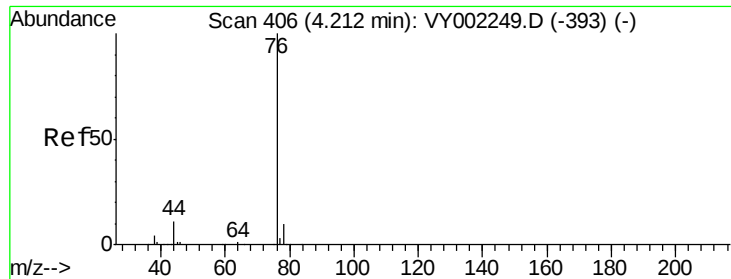
Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion:	43	Resp:	49303
Ion Ratio	Lower	Upper	
43	100		
58	36.8	28.5	42.7





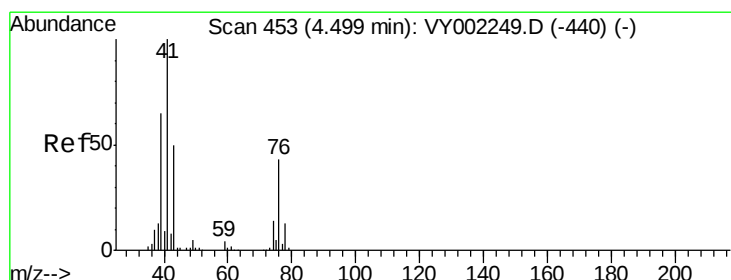
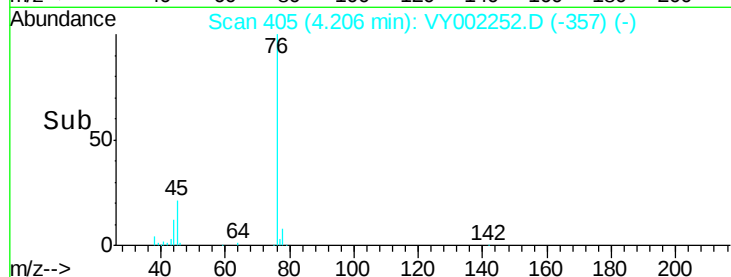
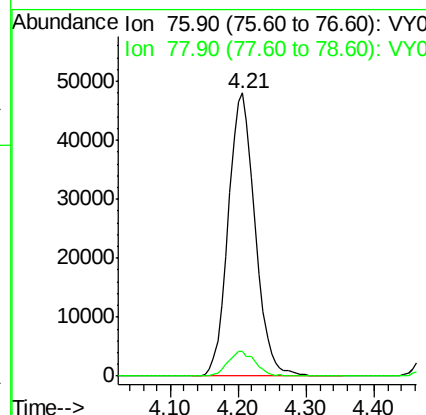
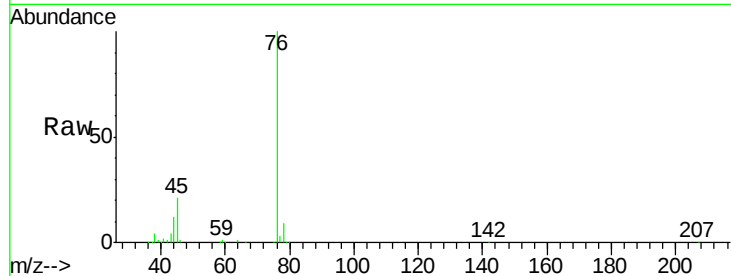
#17
Carbon Disulfide
Concen: 20.465 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.7	11.5

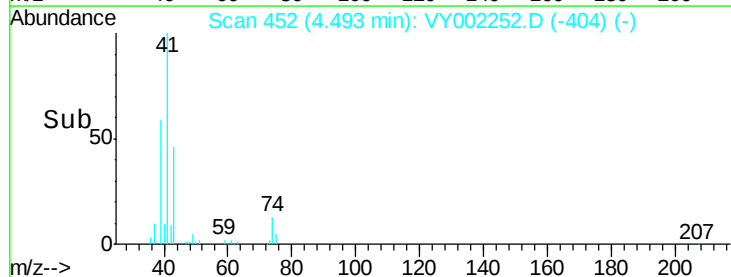
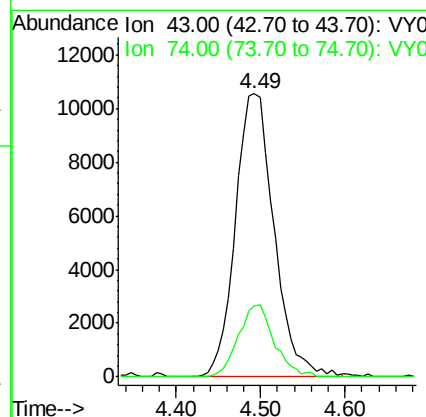
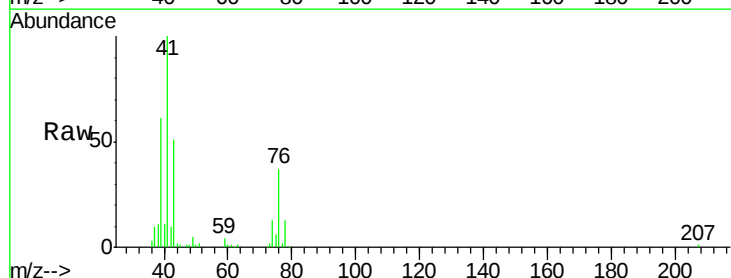
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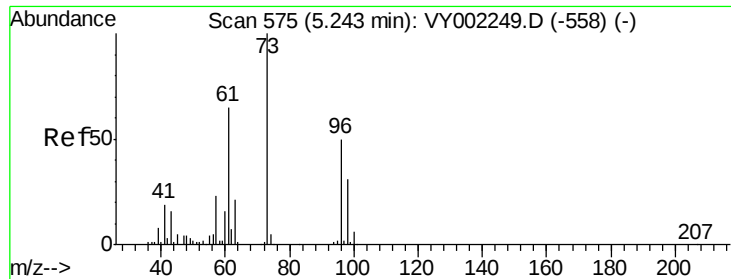
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#18
Methyl Acetate
Concen: 22.681 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	20.3	30.5





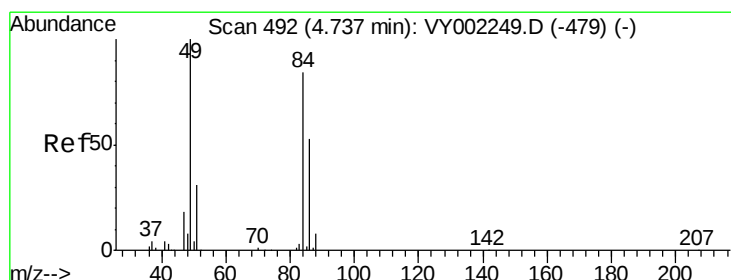
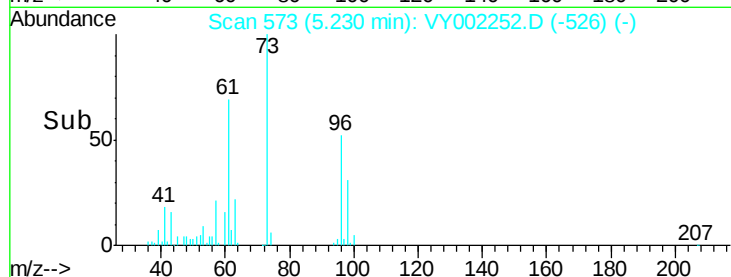
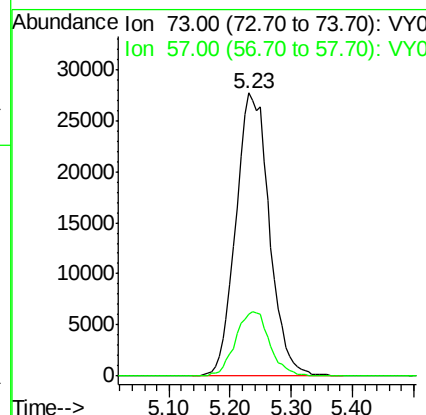
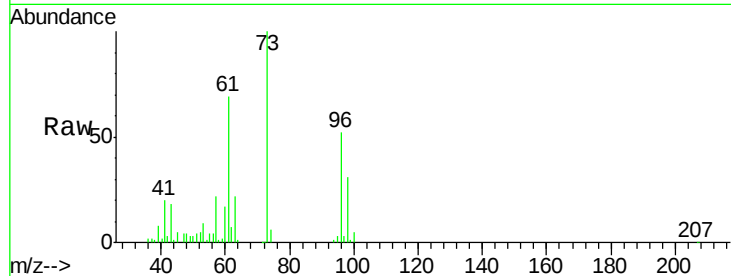
#19
Methvl tert-butvl Ether
Concen: 20.658 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion: 73 Resp: 104746
Ion Ratio Lower Upper
73 100
57 21.8 18.7 28.1

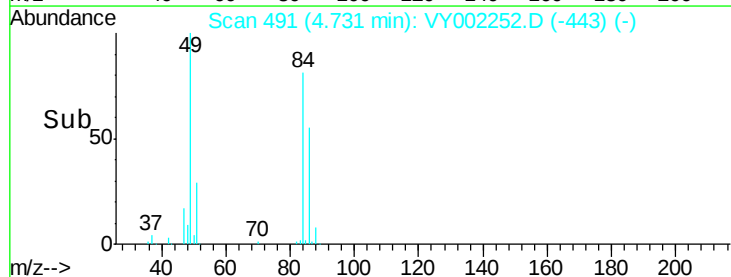
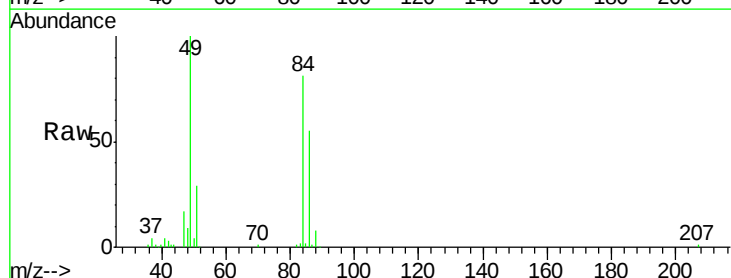
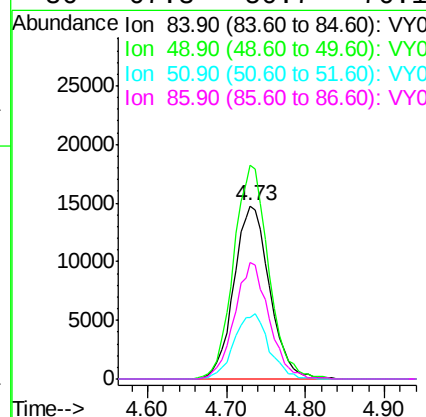
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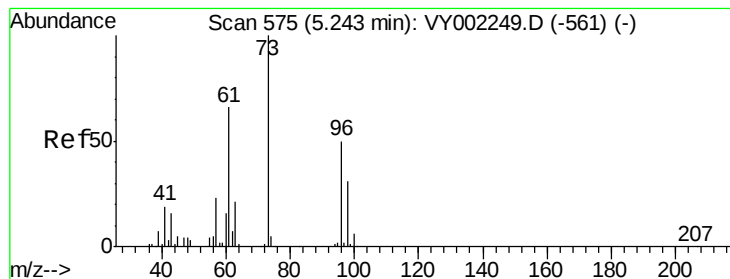
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#20
Methylene Chloride
Concen: 20.126 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 84 Resp: 46280
Ion Ratio Lower Upper
84 100
49 123.3 95.5 143.3
51 35.6 29.5 44.3
86 67.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 20.855 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 96 Resp: 45149

Ion Ratio Lower Upper

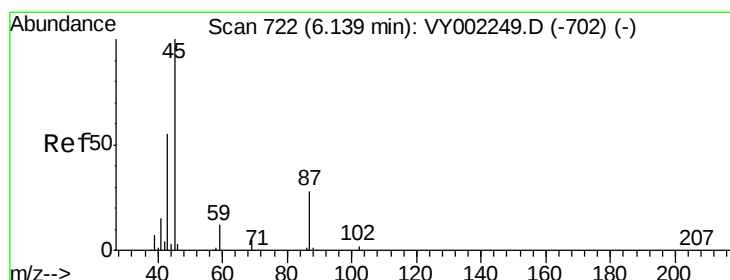
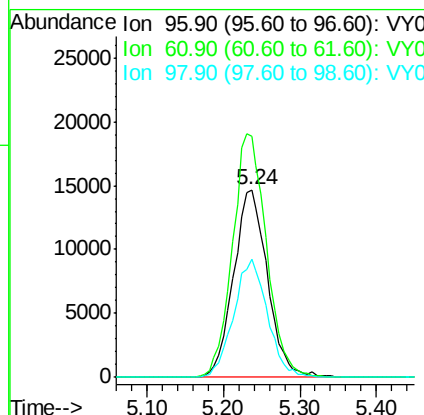
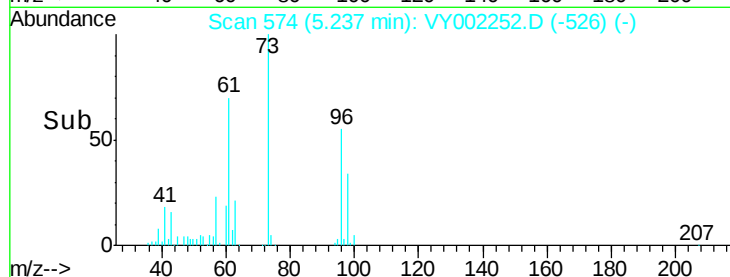
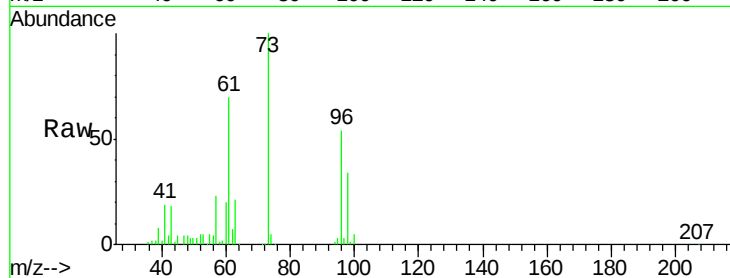
96 100

61 128.8 104.6 157.0

98 63.0 50.1 75.1

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#22

Diisopropyl ether

Concen: 21.046 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion: 45 Resp: 131915

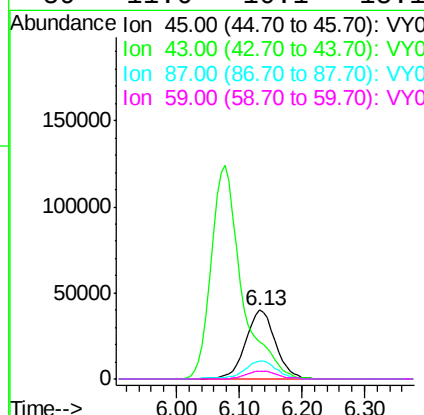
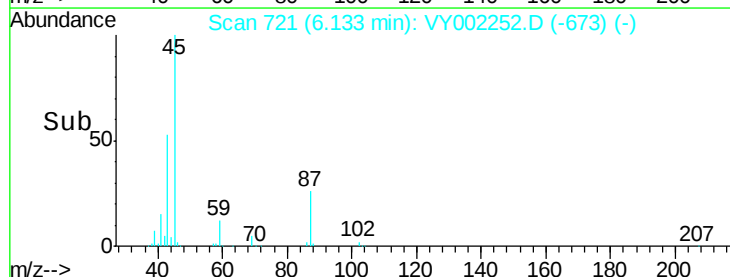
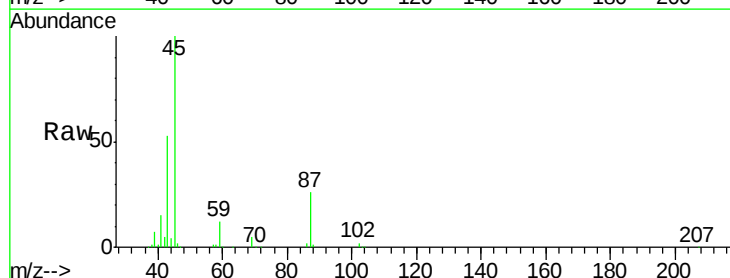
Ion Ratio Lower Upper

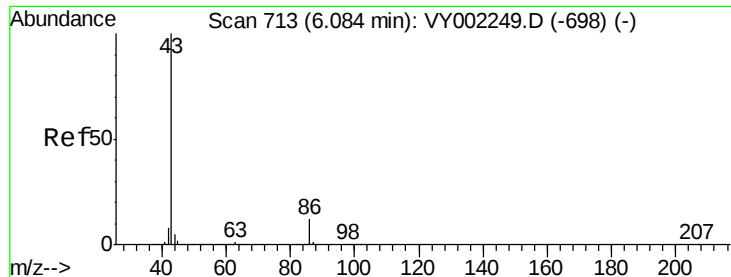
45 100

43 53.2 44.7 67.1

87 26.3 23.0 34.4

59 11.6 10.1 15.1





#23

Vinyl Acetate

Concen: 104.454 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleID :

VY0408SBS01

Tot Ion: 43 Resp: 417214

Ion Ratio Lower Upper

43 100

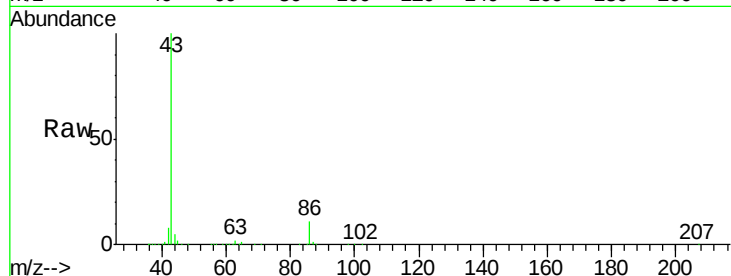
86 11.3 9.2 13.8

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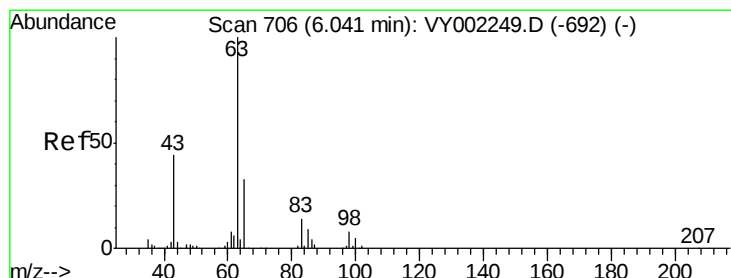
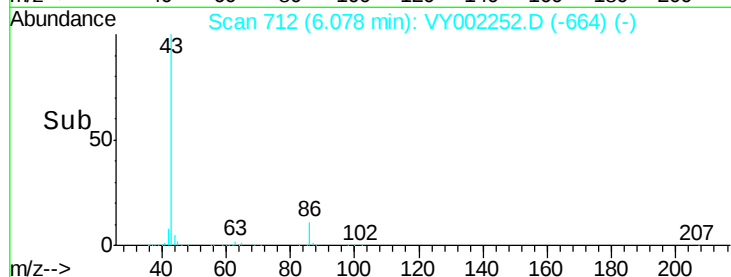
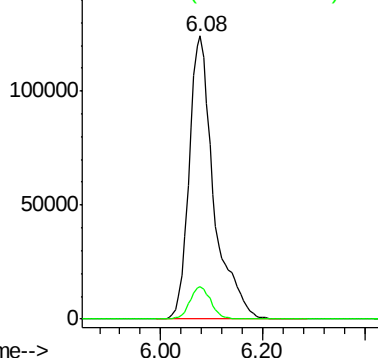
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.653 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

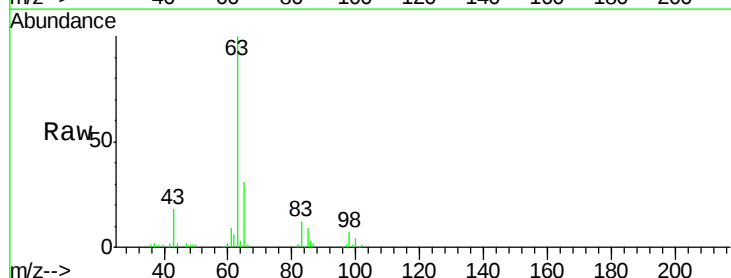
Tgt Ion: 63 Resp: 73631

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

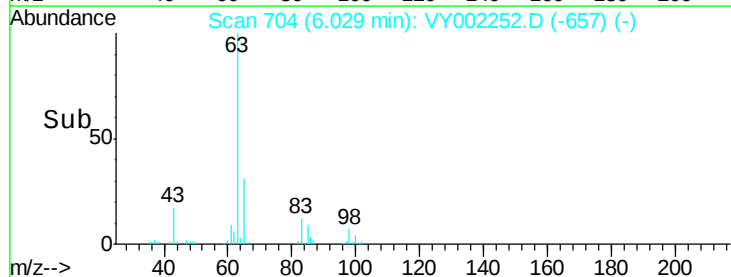
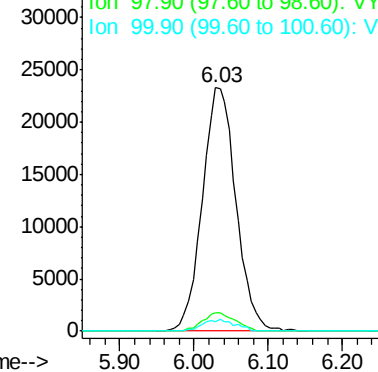
100 3.8 2.4 7.1

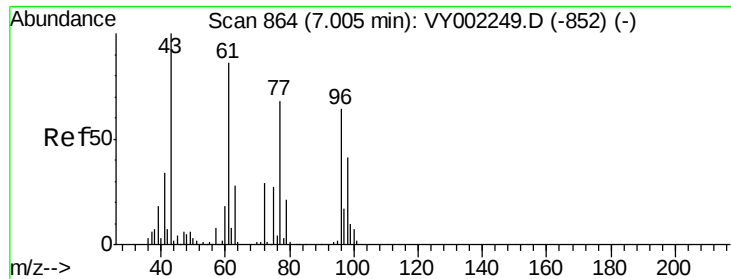


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





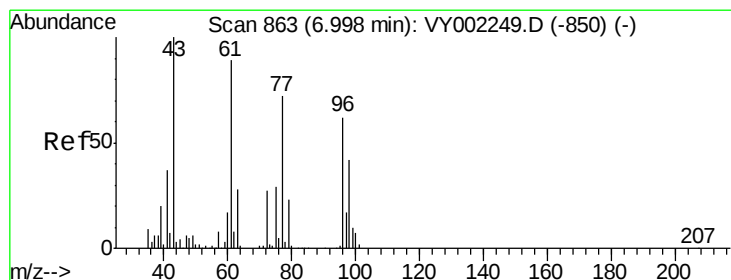
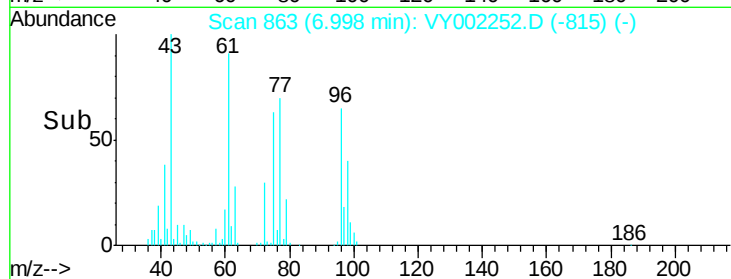
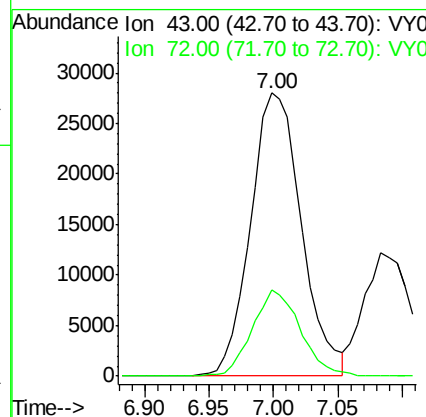
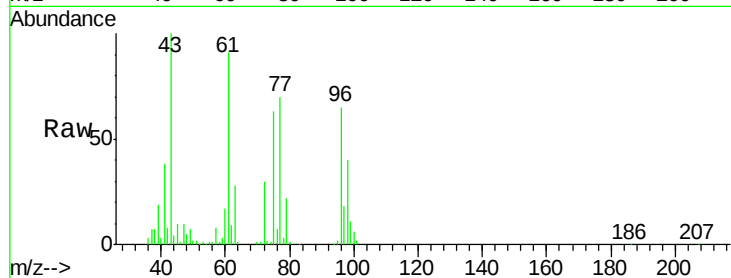
#25
2-Butanone
Concen: 103.690 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion: 43 Resp: 76772
Ion Ratio Lower Upper
43 100
72 30.4 23.2 34.8

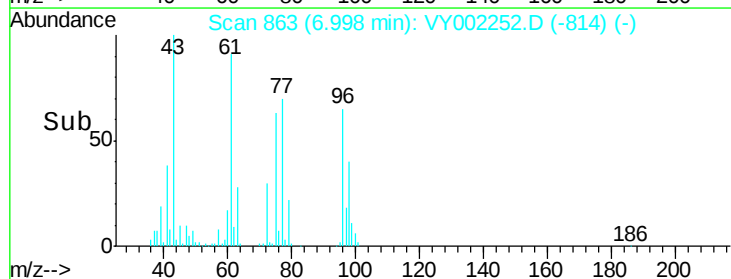
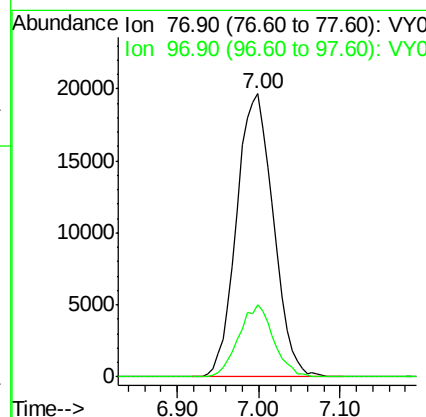
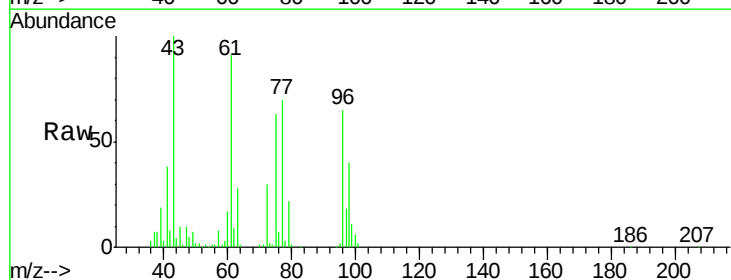
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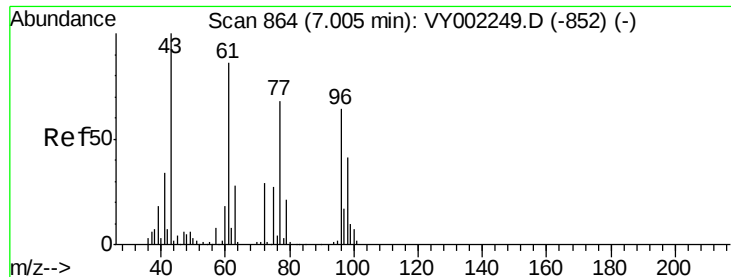
MMDadoda
4/9/2020 11:32:07 AM



#26
2,2-Dichloropropane
Concen: 20.559 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion: 77 Resp: 61311
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6





#27

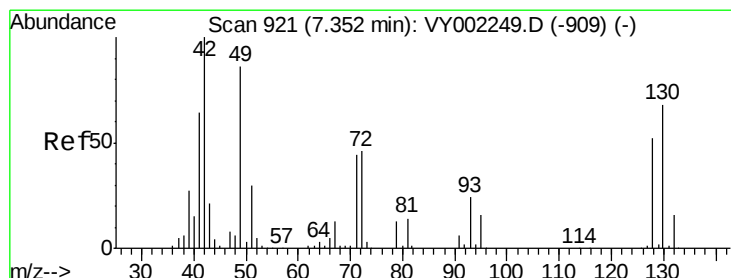
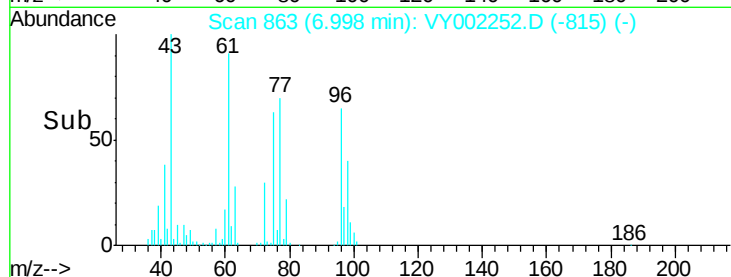
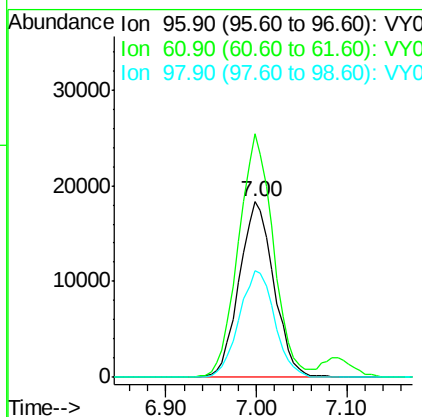
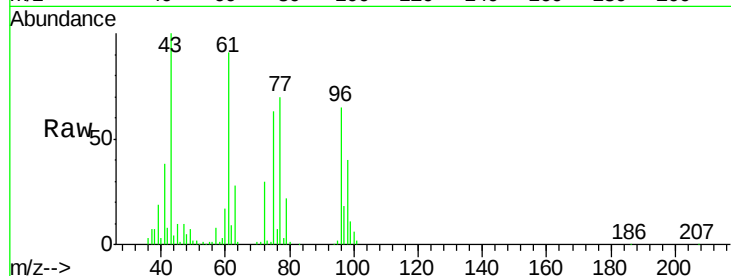
cis-1,2-Dichloroethene
Concen: 20.528 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	278.0
98	62.0	0.0	128.6

Manual Integrations
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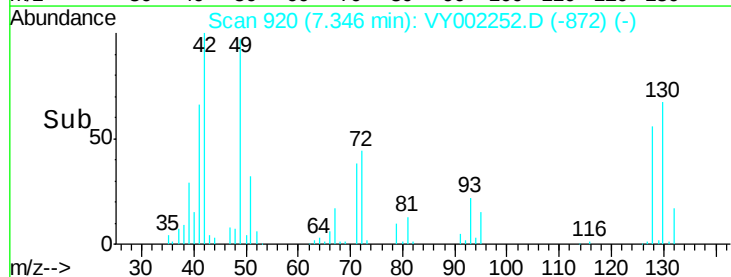
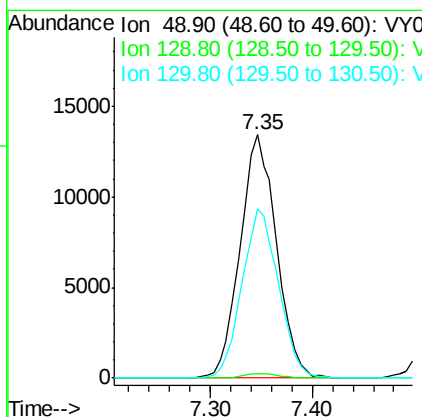
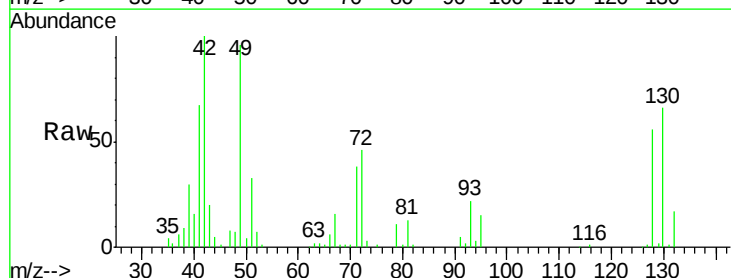
MMDadoda
4/9/2020 11:32:07 AM

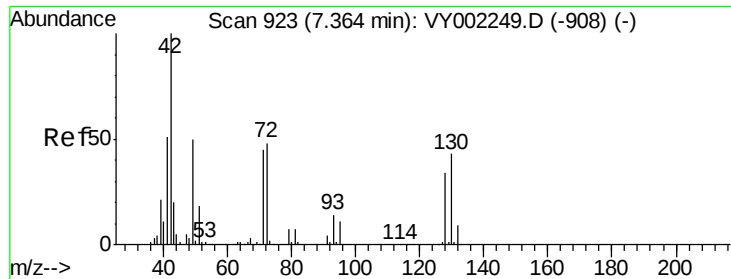


#28

Bromochloromethane
Concen: 21.551 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	70.1	60.9	91.3





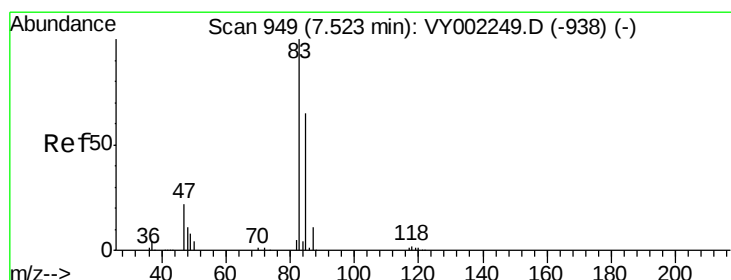
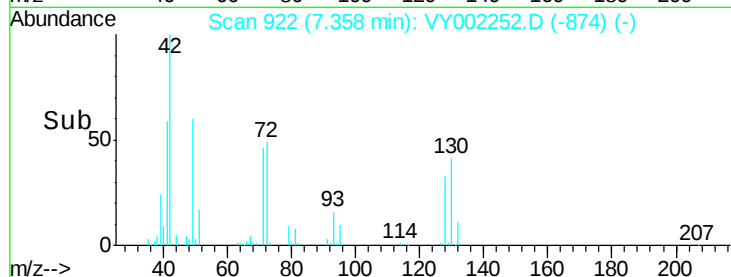
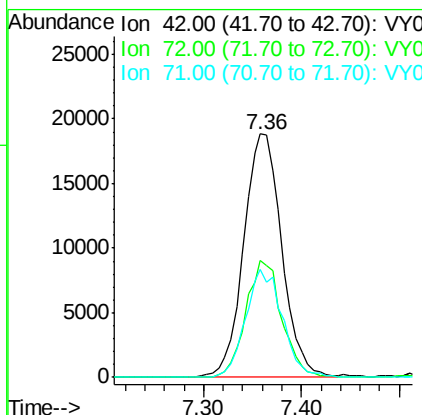
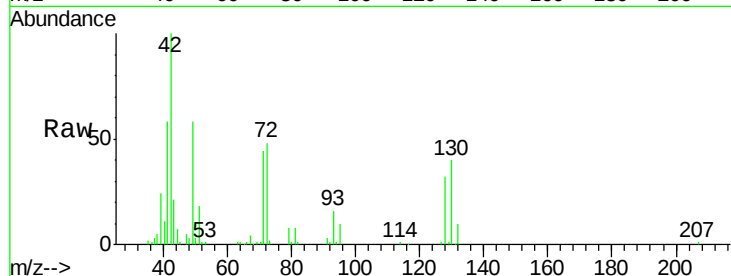
#29
Tetrahydrofuran
Concen: 104.587 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.7	55.1
71	42.8	34.7	52.1

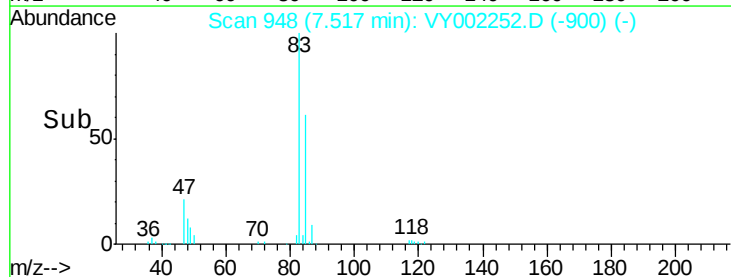
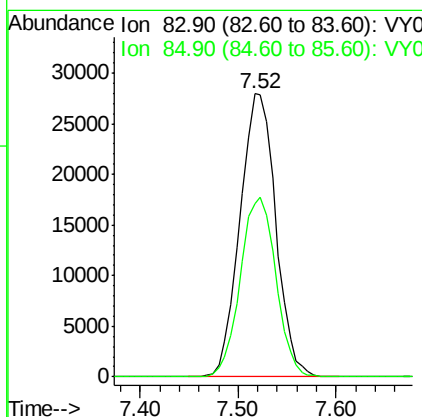
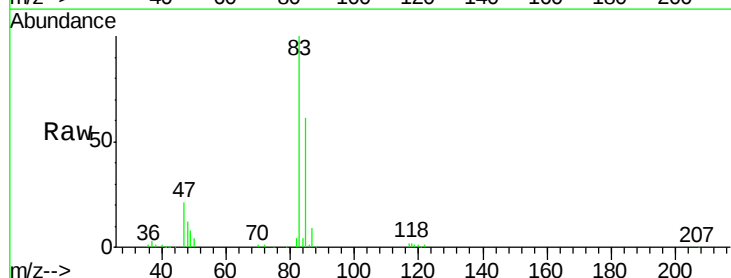
Manual Integrations
APPROVED

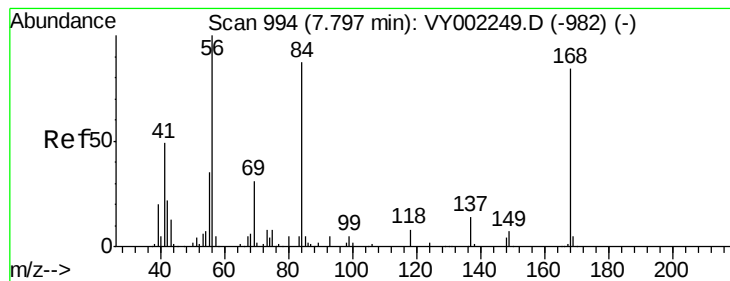
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4/9/2020 11:32:07 AM



#30
Chloroform
Concen: 21.132 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.0	78.0





#31

Cvclohexane

Concen: 20.943 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 56 Resp: 78374

Ion Ratio Lower Upper

56 100

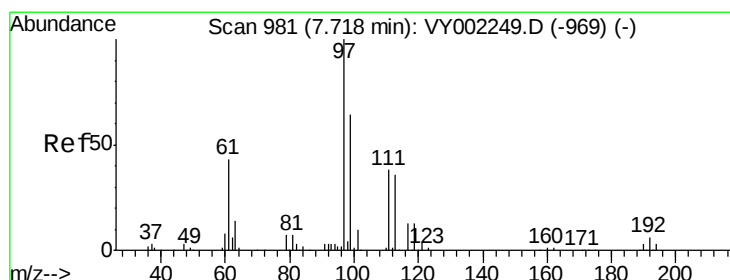
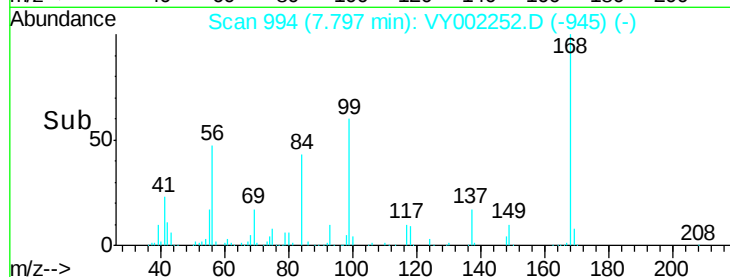
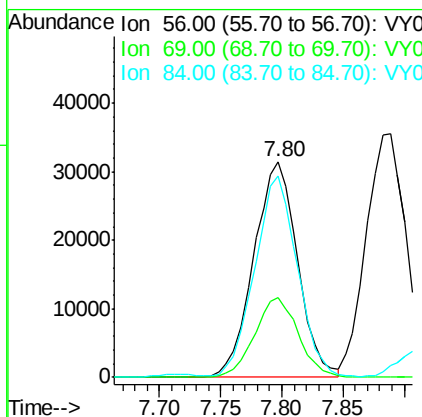
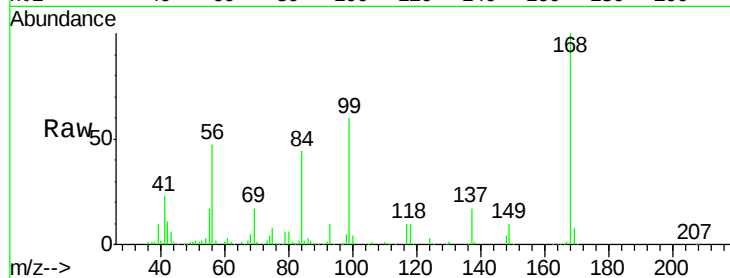
69 37.1 25.0 37.6

84 92.0 69.7 104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.866 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

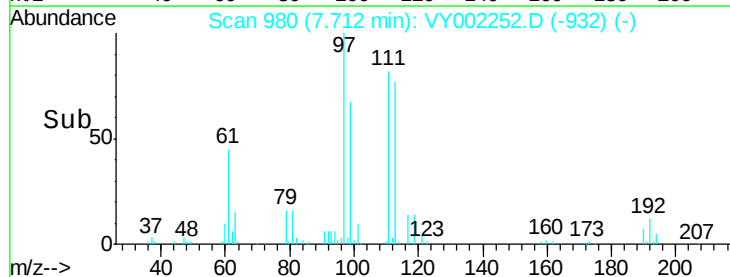
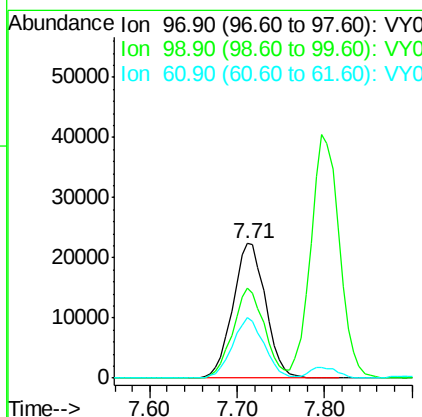
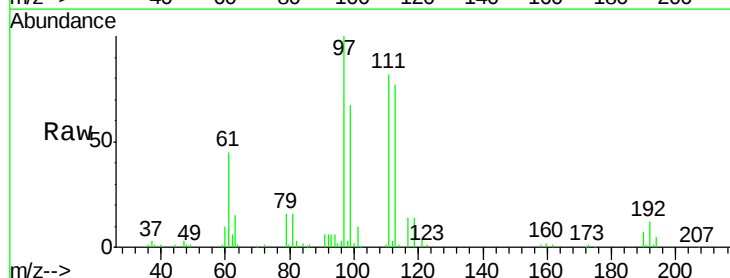
Tgt Ion: 97 Resp: 58365

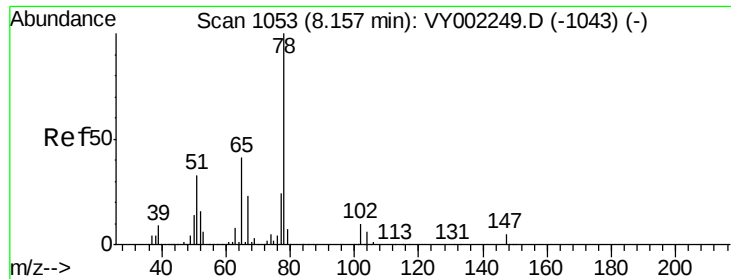
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 43.3 34.3 51.5





#33

1,2-Dichloroethane-d4

Concen: 51.051 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 65 Resp: 90683

Ion Ratio Lower Upper

65 100

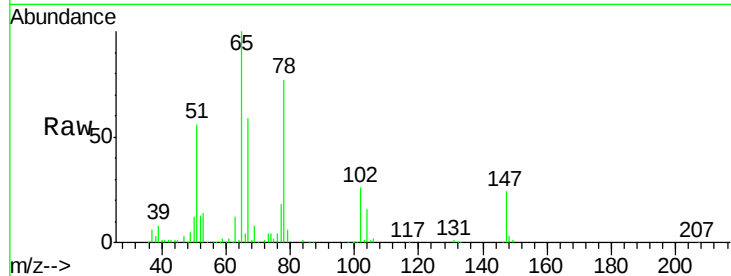
67 57.5 0.0 114.0

Manual Integrations

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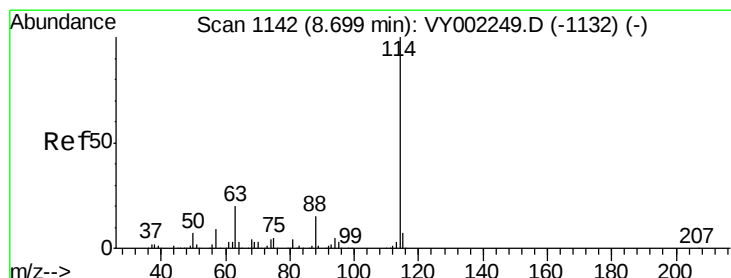
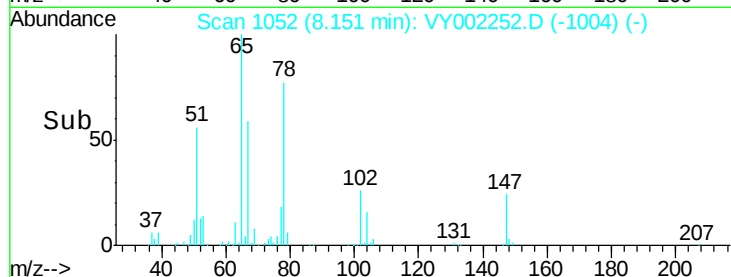
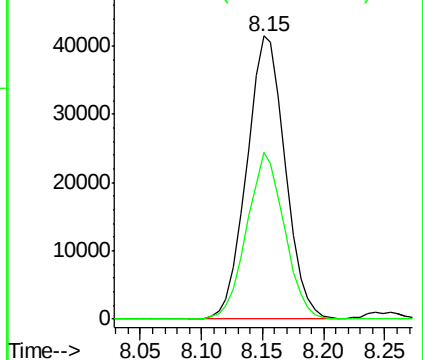
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

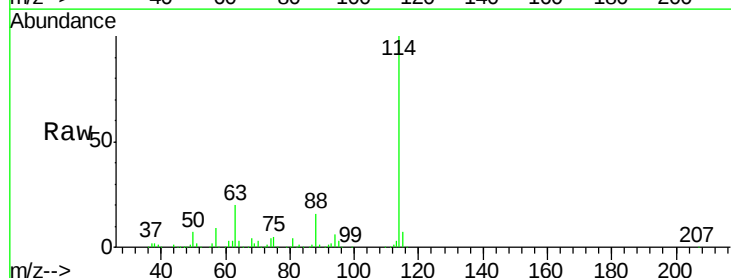
Tgt Ion: 114 Resp: 290978

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

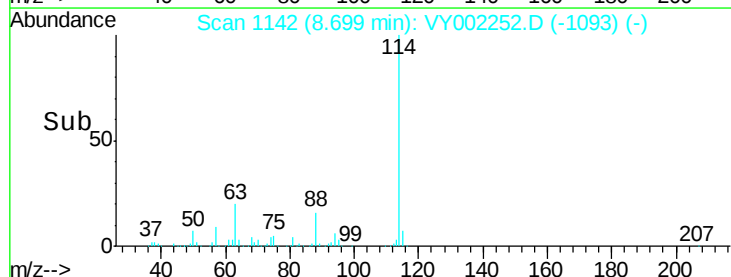
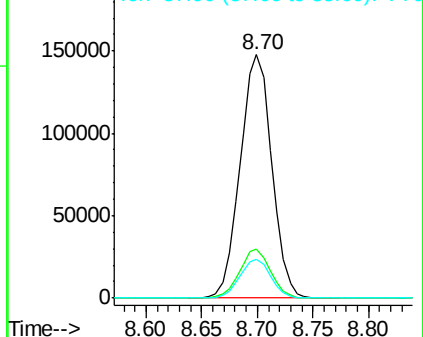
88 16.2 0.0 31.0

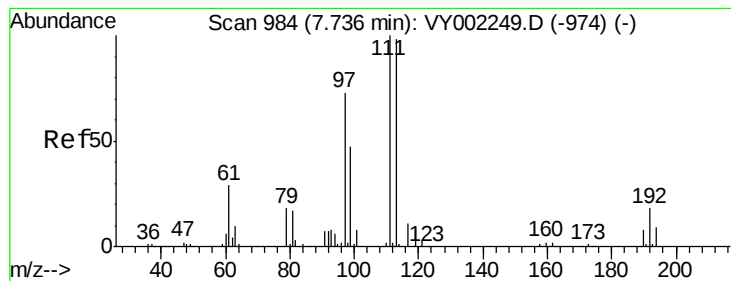


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.071 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

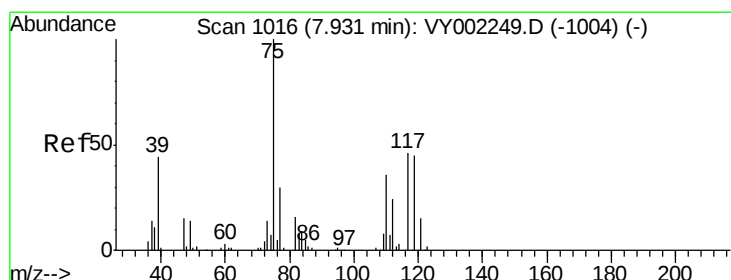
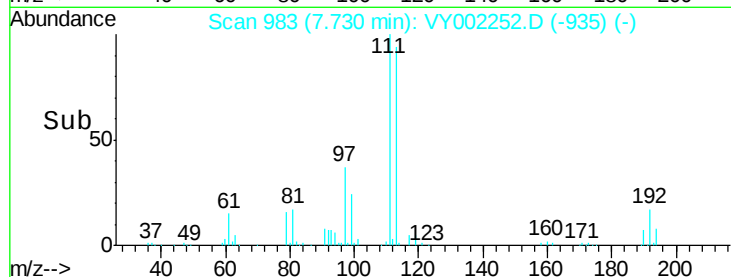
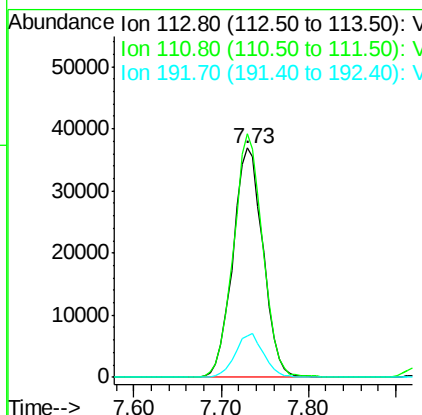
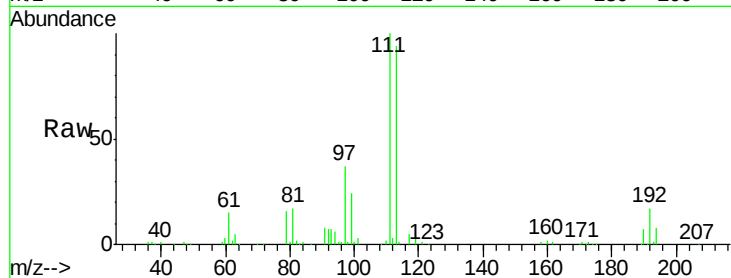
ClientSampleId :

VY0408SBS01

Tot Ion:	113	Resp:	88425
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	18.0	14.7	22.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.008 ug/l

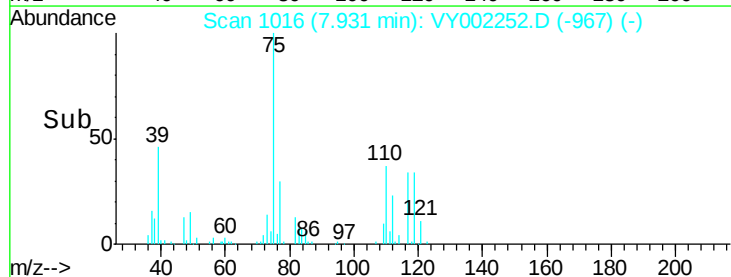
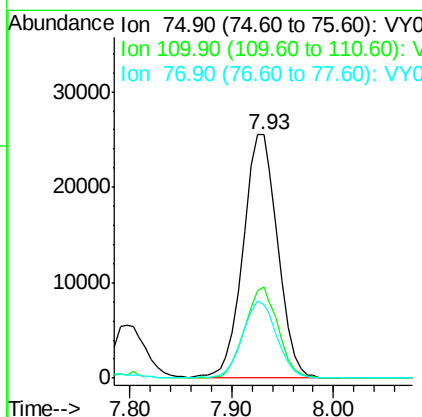
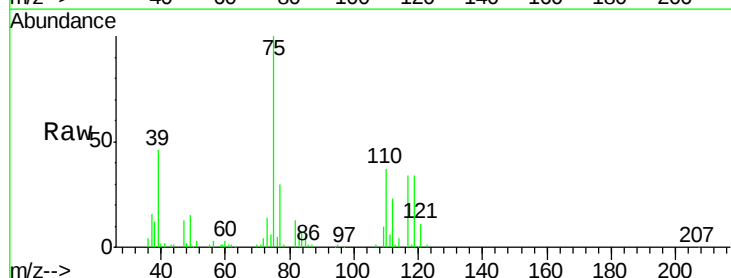
RT: 7.93 min Scan# 1016

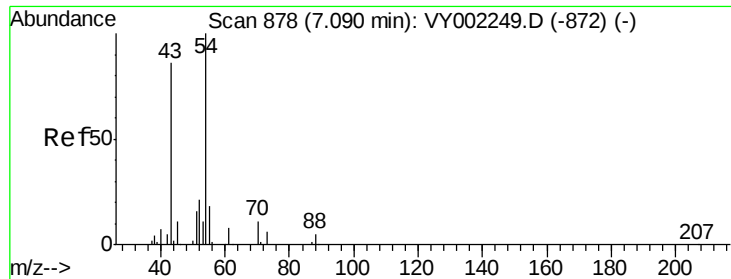
Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion:	75	Resp:	60212
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.3
77	31.3	24.4	36.6





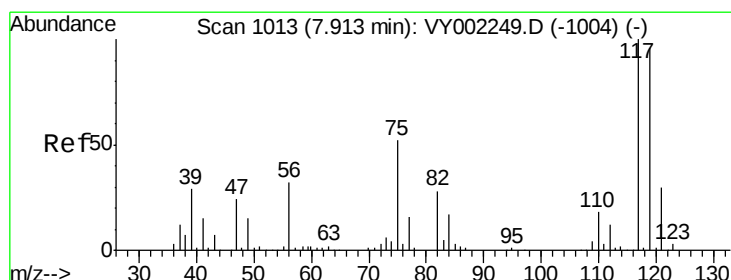
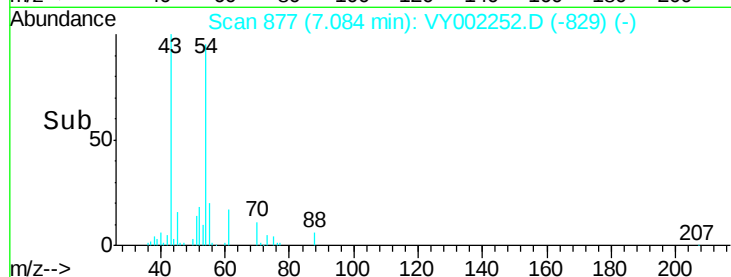
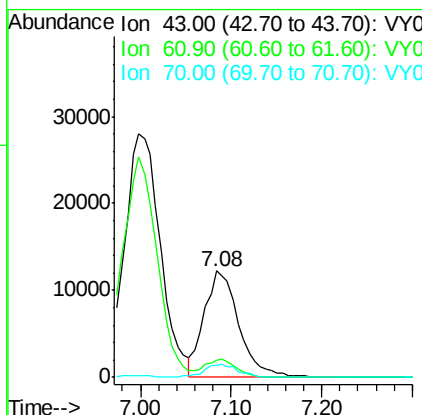
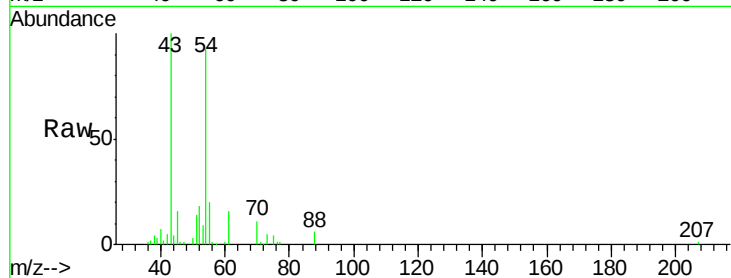
#37
Ethyl Acetate
Concen: 20.064 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.8	17.6
70	11.7	9.1	13.7

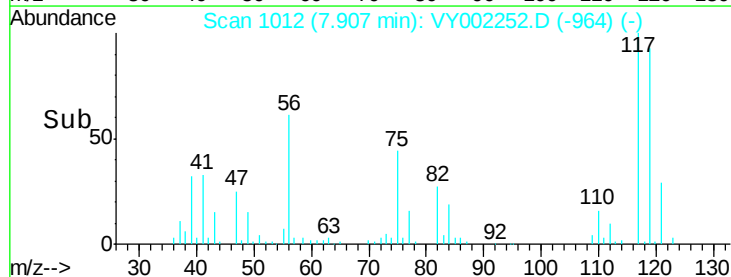
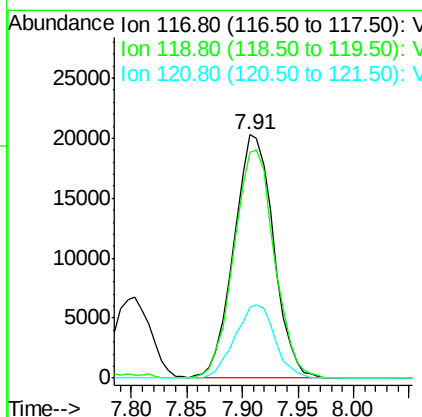
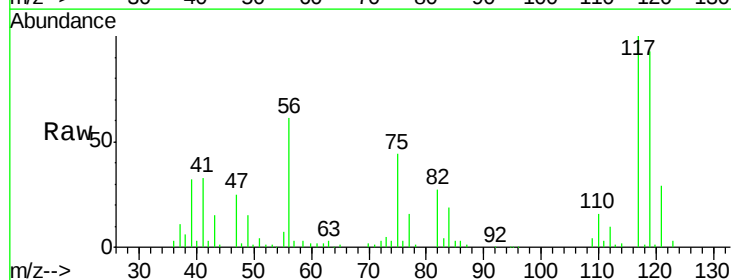
Manual Integrations
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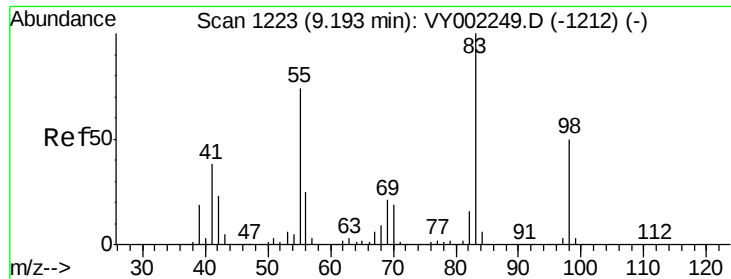
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#38
Carbon Tetrachloride
Concen: 20.489 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.1	115.7
121	29.3	23.9	35.9





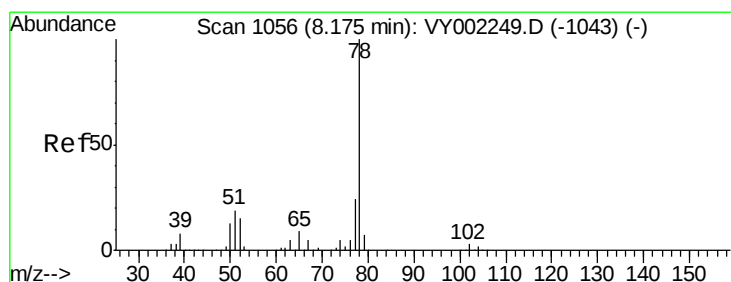
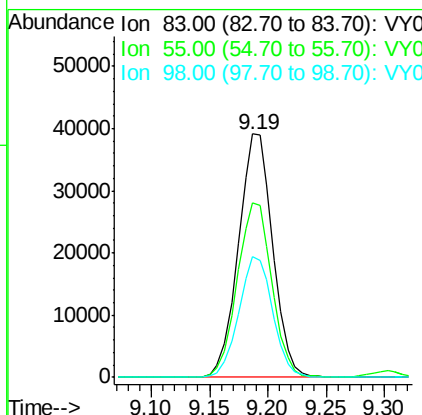
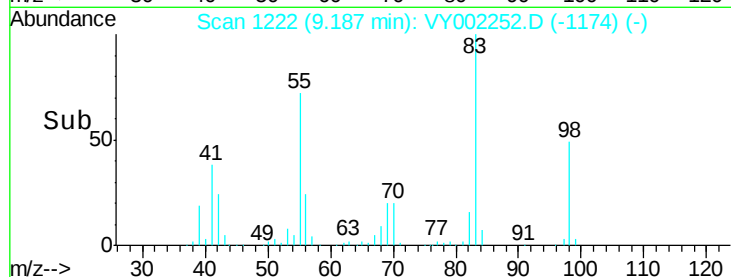
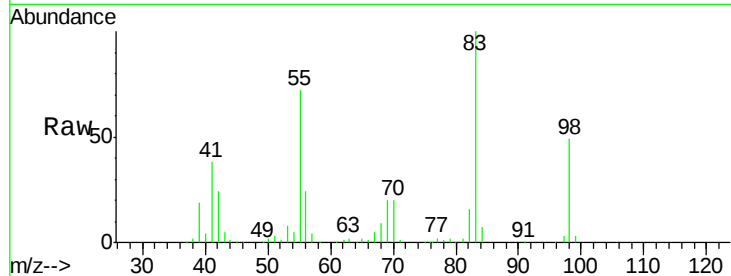
#39
Methvlcvclohexane
Concen: 20.585 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	83	Resp	80256
Ion Ratio	100	Lower	Upper
83	100		
55	71.7	59.3	88.9
98	49.5	39.6	59.4

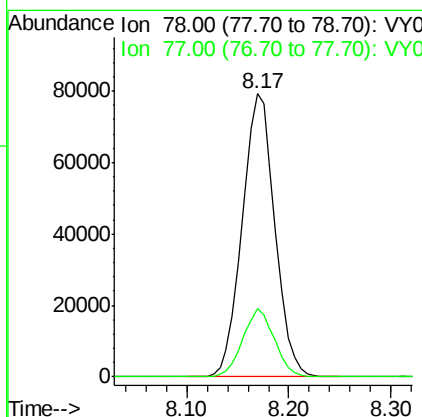
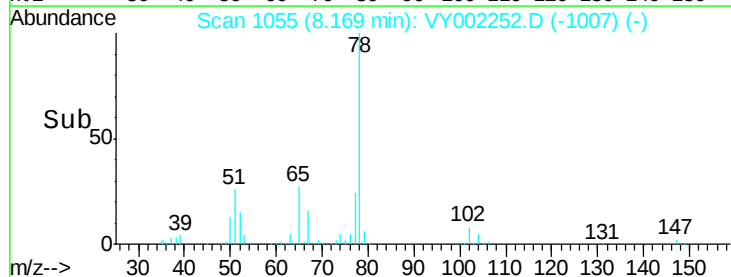
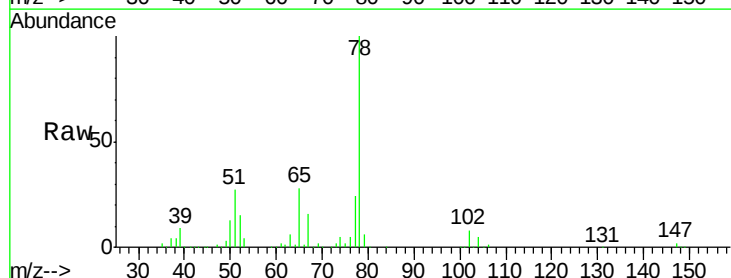
Manual Integrations
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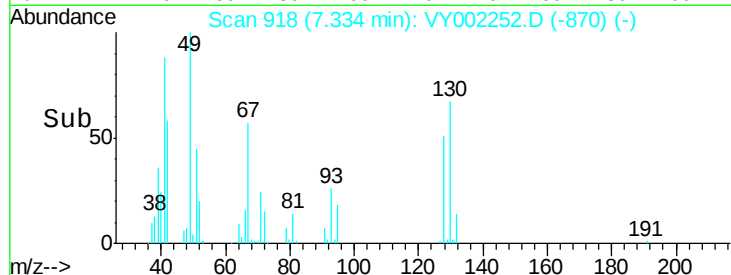
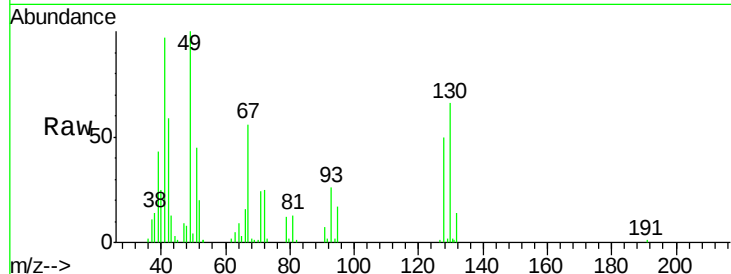
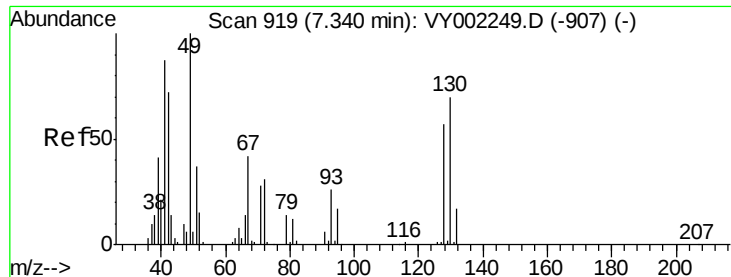
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#40
Benzene
Concen: 20.239 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	78	Resp	175993
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.9	28.3





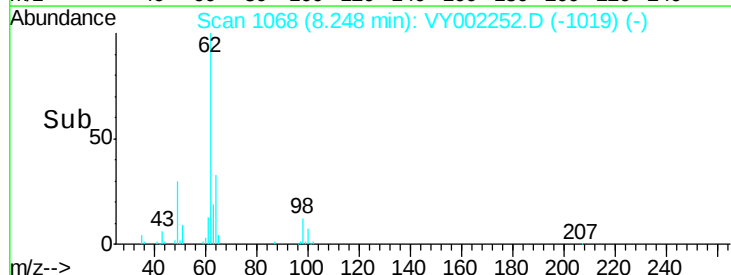
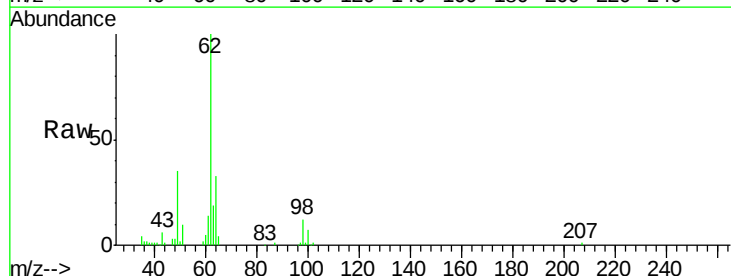
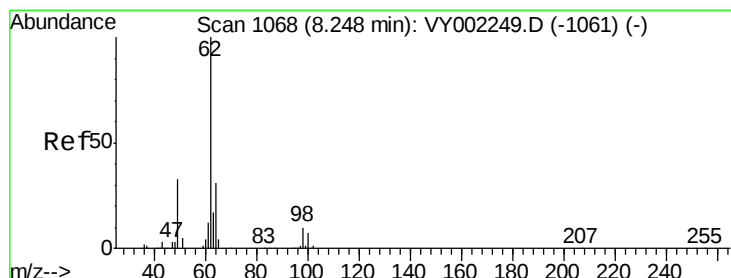
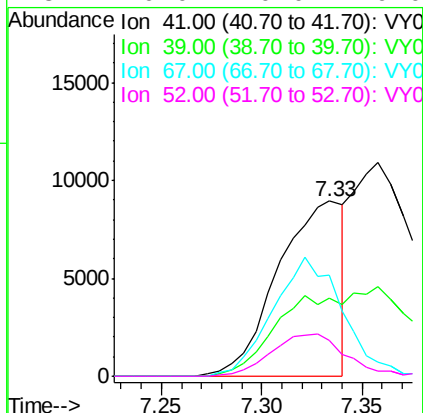
#41
Methacrylonitrile
Concen: 21.156 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tot Ion	41	Resp	20434
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

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

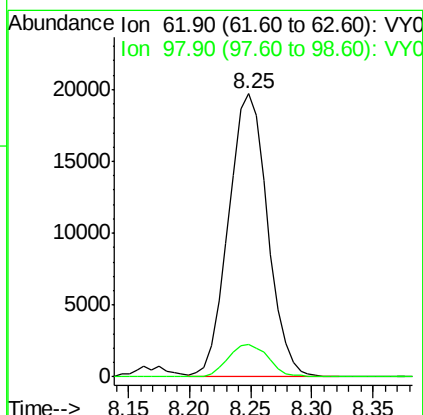
Manual Integrations
APPROVED

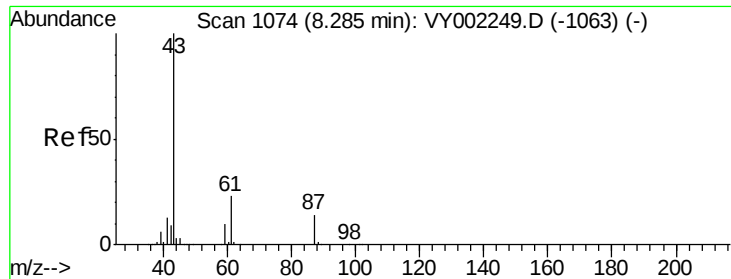
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4/9/2020 11:32:07 AM



#42
1,2-Dichloroethane
Concen: 20.264 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	62	Resp	43650
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	22.6





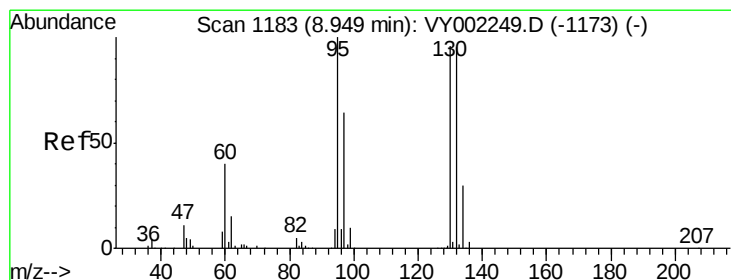
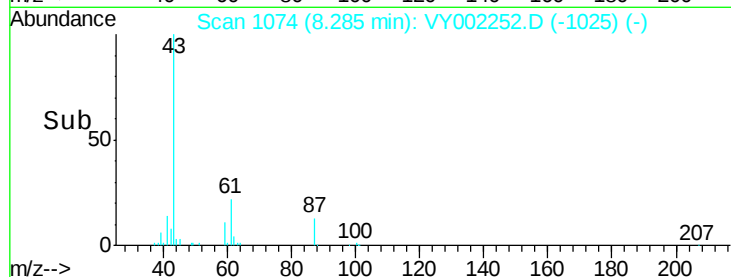
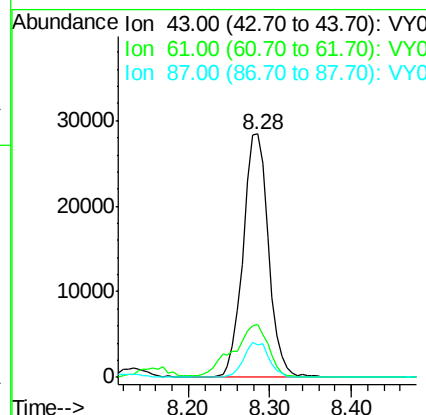
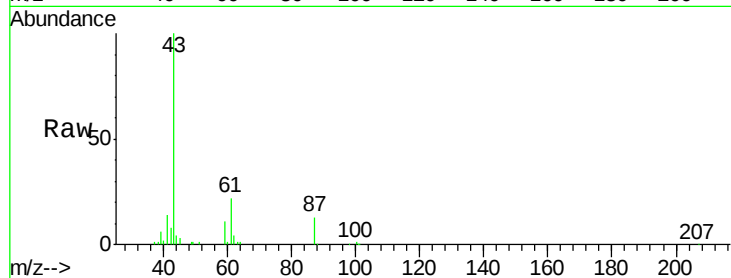
#43
Isopropyl Acetate
Concen: 20.428 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.9	37.3
87	14.2	11.7	17.5

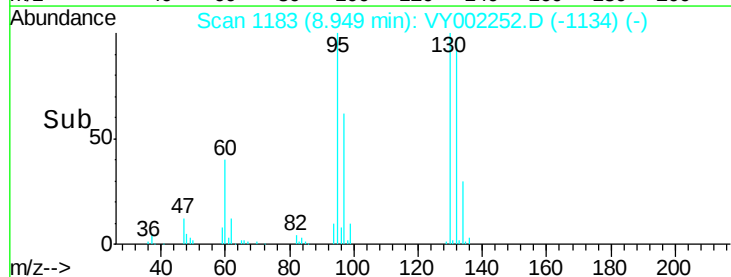
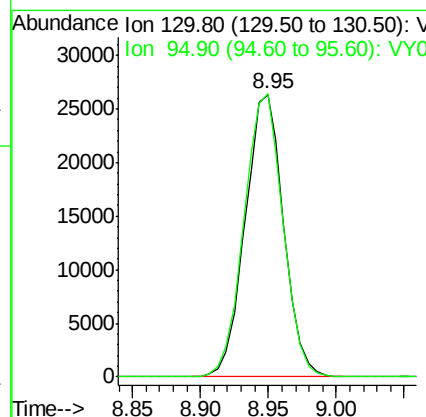
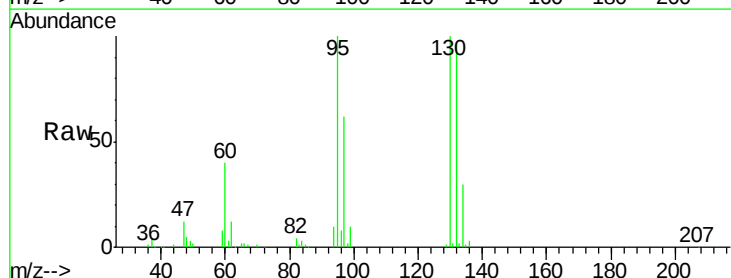
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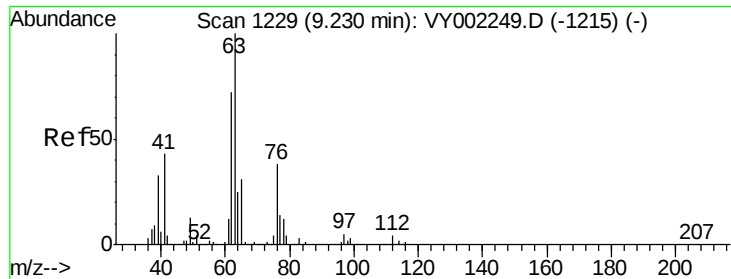
MMDadoda
4/9/2020 11:32:07 AM



#44
Trichloroethene
Concen: 20.295 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	208.2





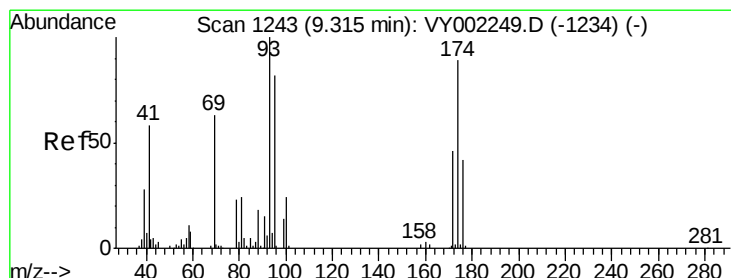
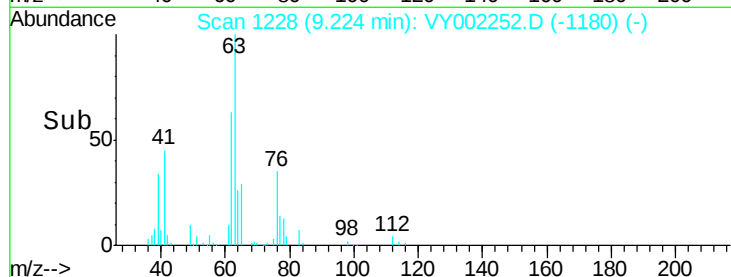
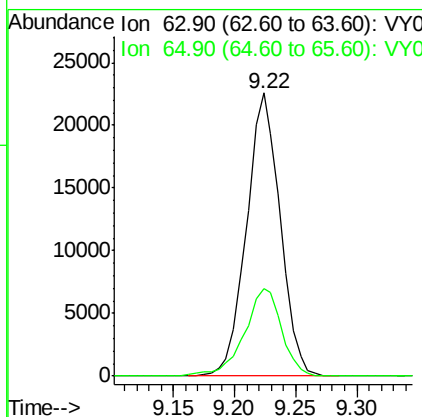
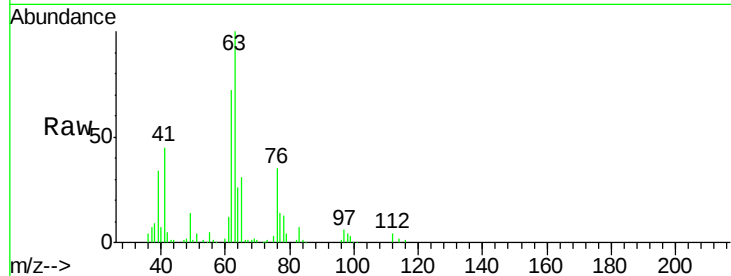
#45
 1,2-Dichloropropane
 Concen: 20.082 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	63	Resp	43328
Ion Ratio	Lower	Upper	
63	100		
65	30.8	24.6	37.0

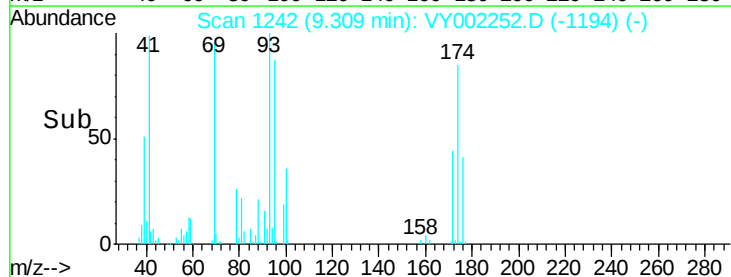
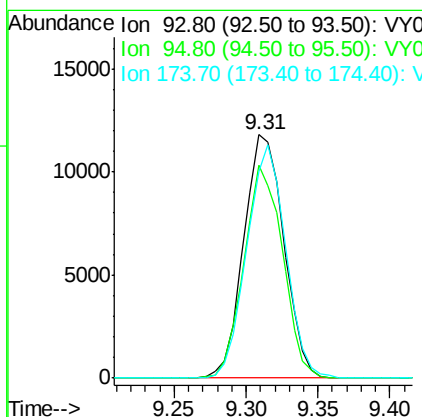
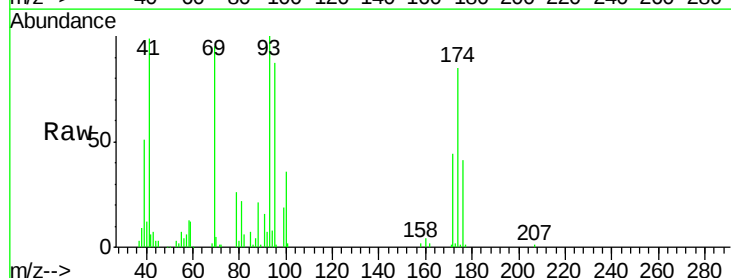
Manual Integrations
 APPROVED

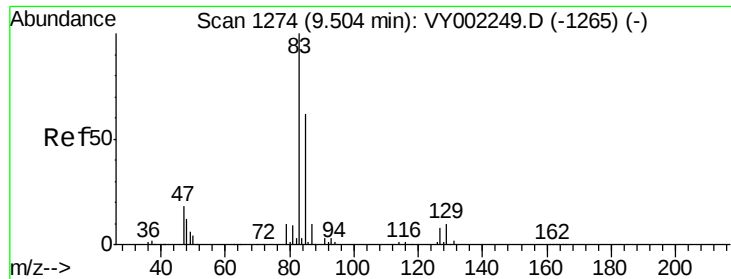
MMDadoda
 4/9/2020 11:32:07 AM



#46
 Dibromomethane
 Concen: 20.176 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	93	Resp	22761
Ion Ratio	Lower	Upper	
93	100		
95	84.2	67.3	100.9
174	92.5	72.5	108.7





#47

Bromodichloromethane

Concen: 20.332 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

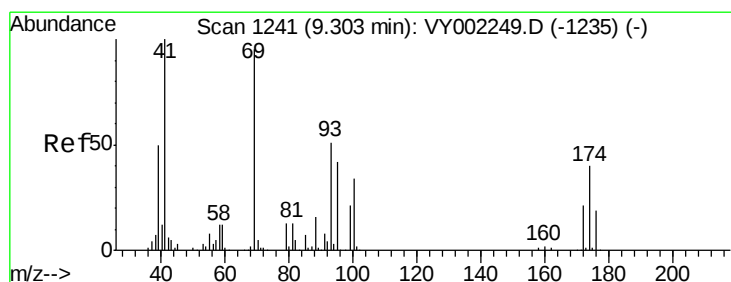
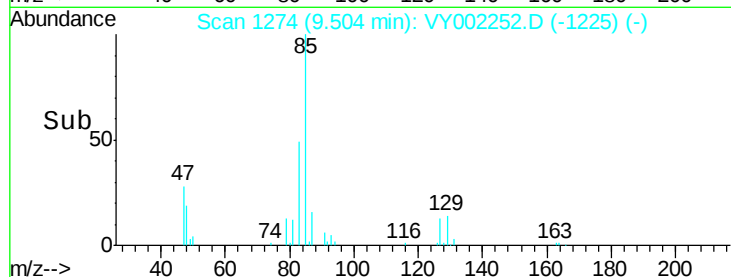
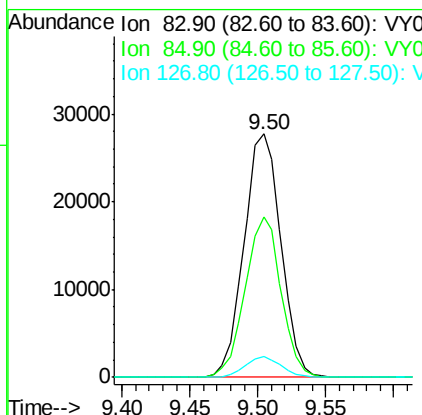
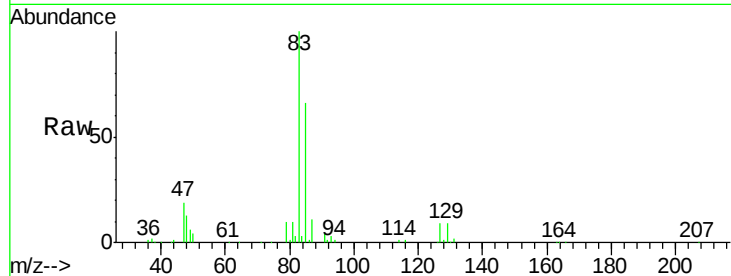
ClientSampleId :

VY0408SBS01

Tot Ion:	83	Resp:	52628
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.7	74.5
127	8.7	6.2	9.4

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4/9/2020 11:32:07 AM



#48

Methyl methacrylate

Concen: 21.040 ug/l

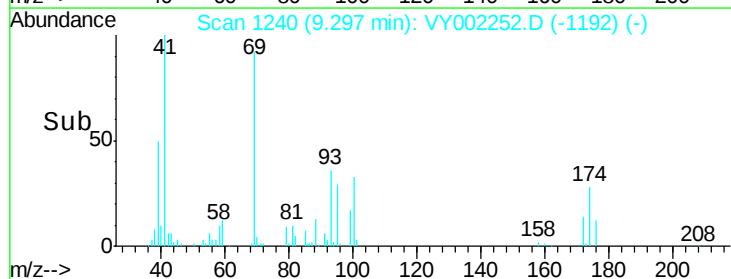
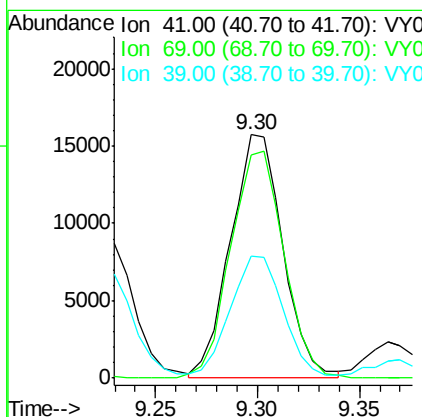
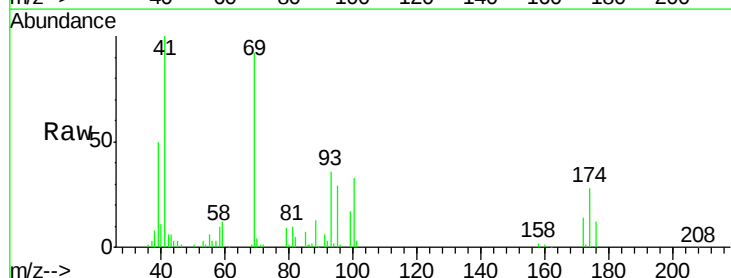
RT: 9.30 min Scan# 1240

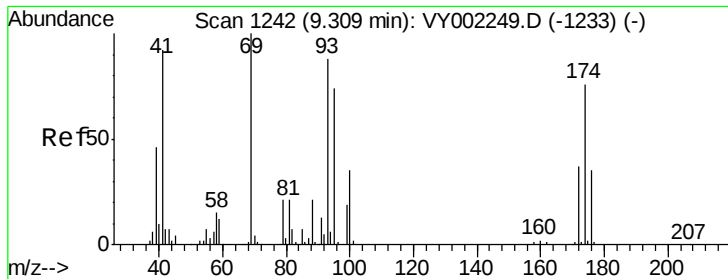
Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion:	41	Resp:	28172
Ion	Ratio	Lower	Upper
41	100		
69	94.4	76.7	115.1
39	49.0	40.5	60.7





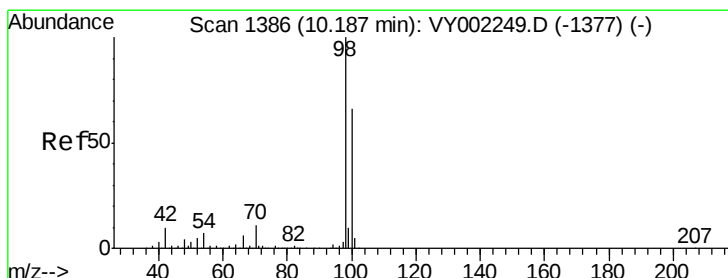
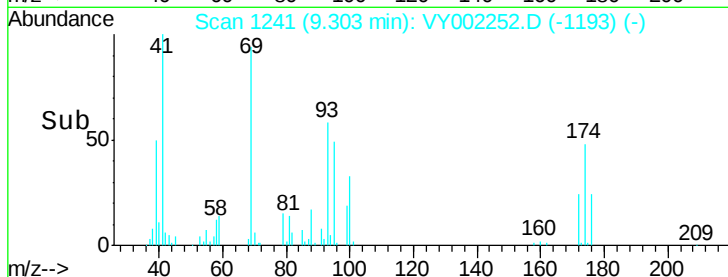
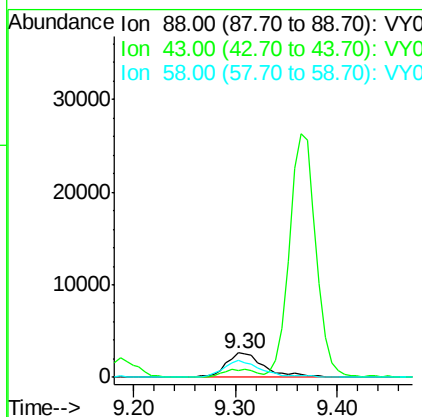
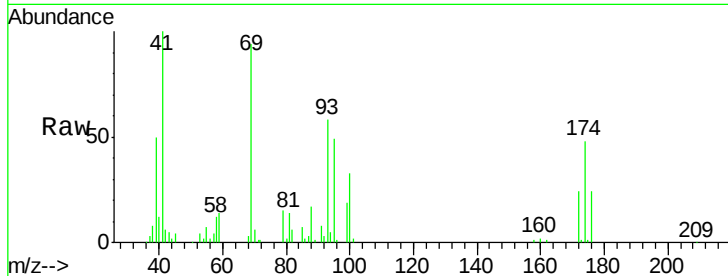
#49
1,4-Dioxane
Concen: 436.908 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.2
58	63.2	57.6	86.4

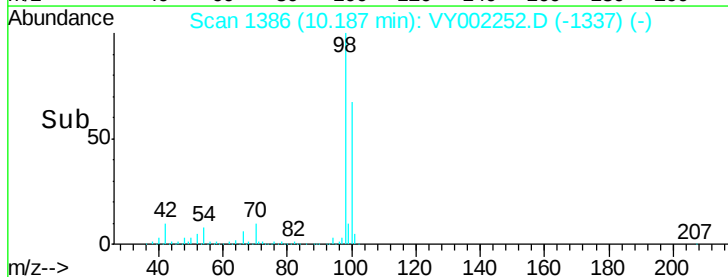
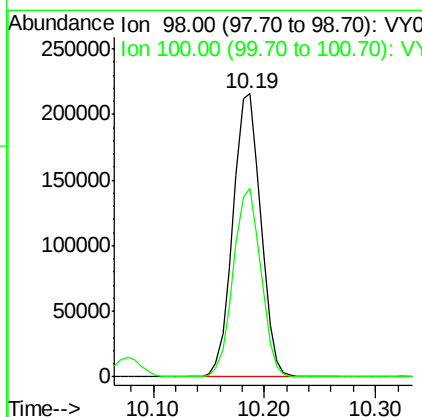
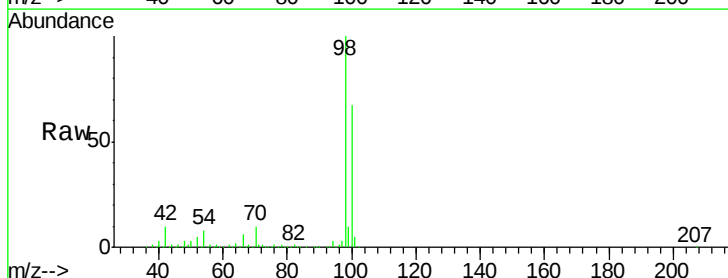
Manual Integrations
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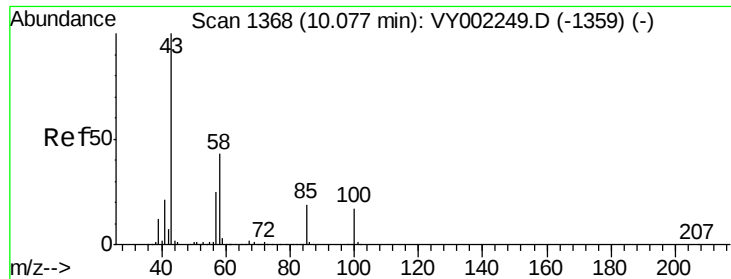
MMDadoda
4/9/2020 11:32:07 AM



#50
Toluene-d8
Concen: 51.526 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 104.021 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 43 Resp: 161860

Ion Ratio Lower Upper

43 100

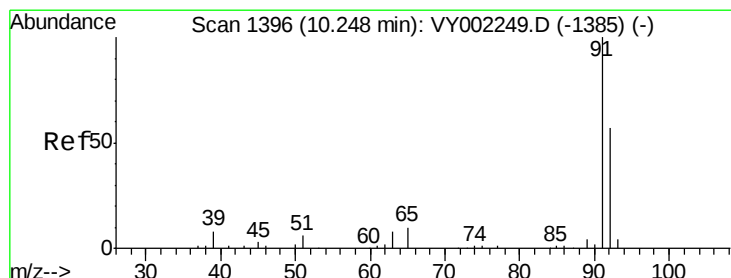
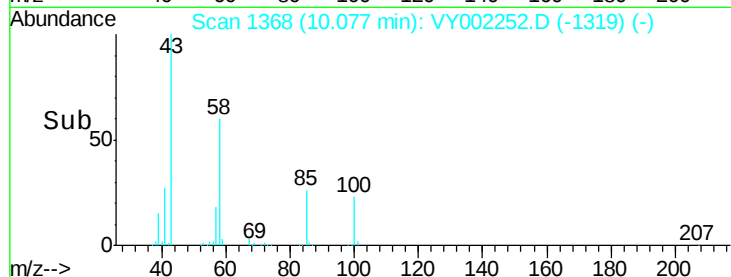
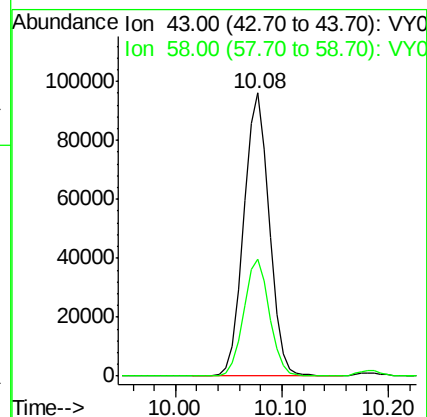
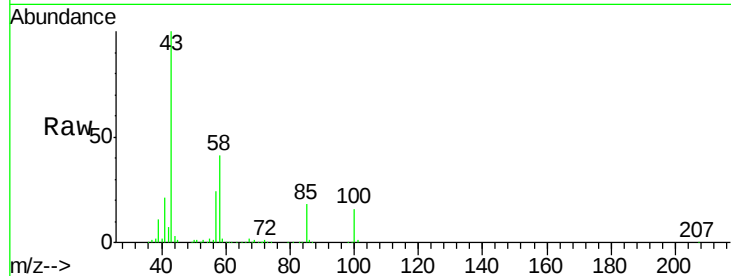
58 41.5 33.8 50.8

Manual Integrations

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MMDadoda

4/9/2020 11:32:07 AM



#52

Toluene

Concen: 20.476 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY002252.D

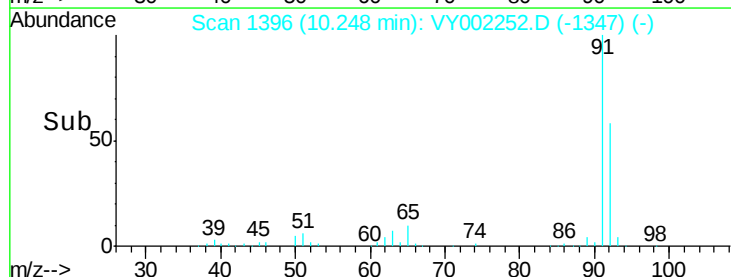
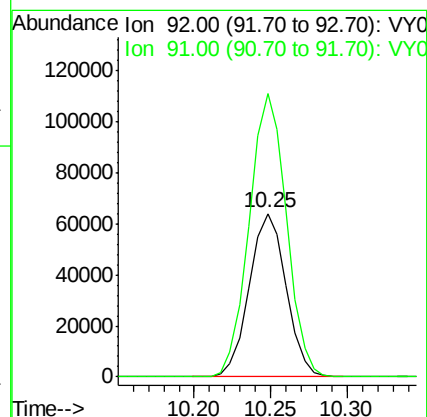
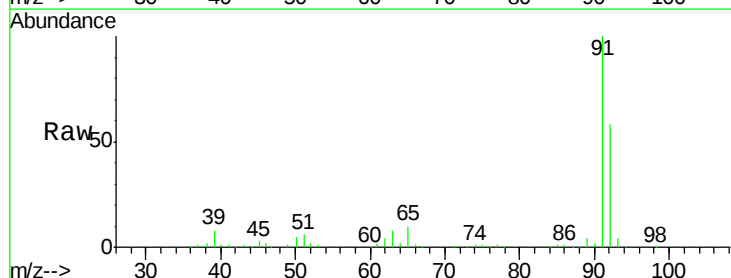
Acq: 08 Apr 2020 16:12

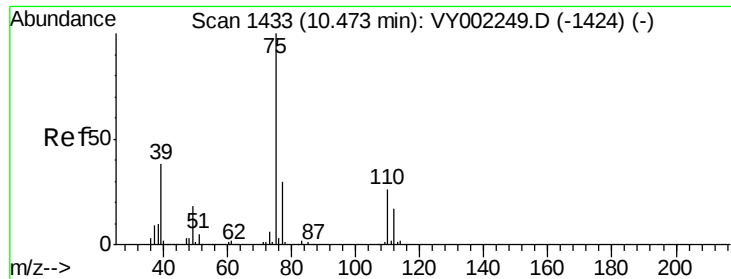
Tgt Ion: 92 Resp: 107305

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.6





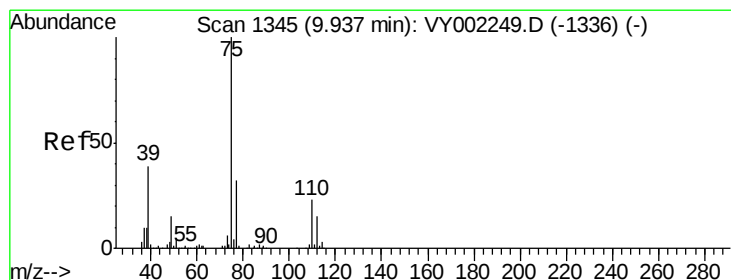
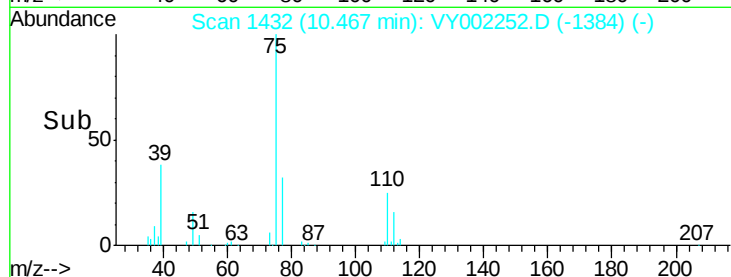
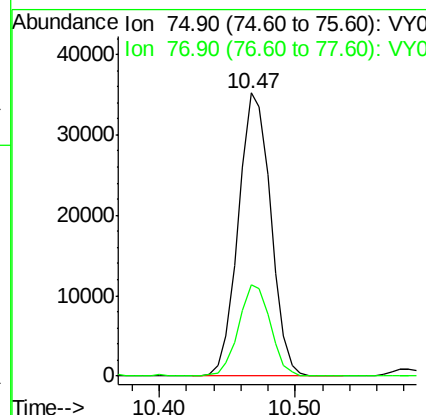
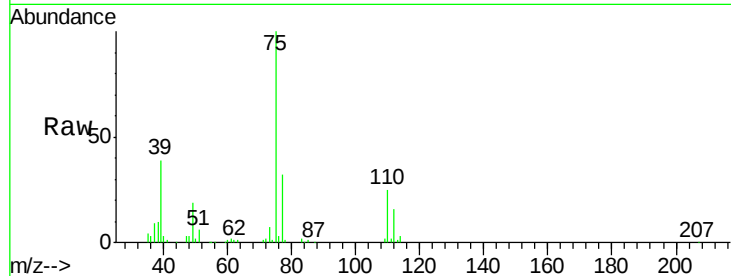
#53
 t-1,3-Dichloropropene
 Concen: 20.737 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion: 75 Resp: 58482
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.2

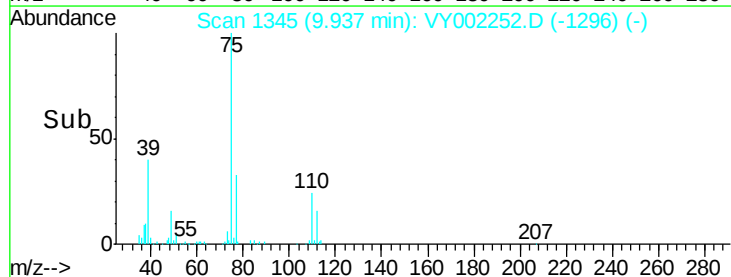
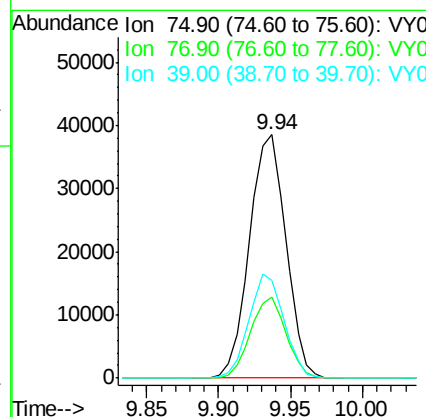
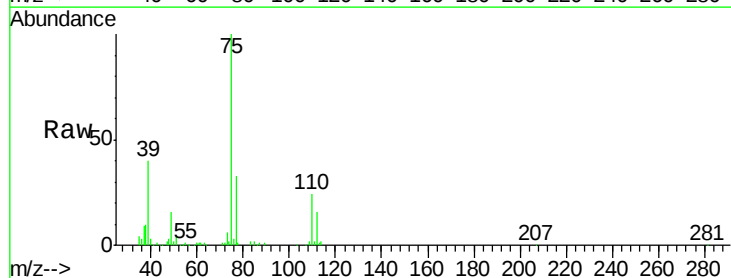
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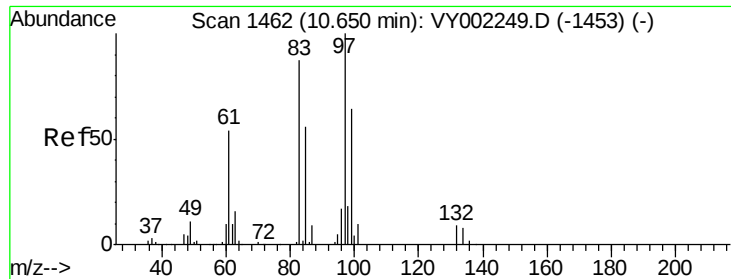
MMDadoda
 4/9/2020 11:32:07 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.947 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion: 75 Resp: 67631
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 40.2 30.8 46.2





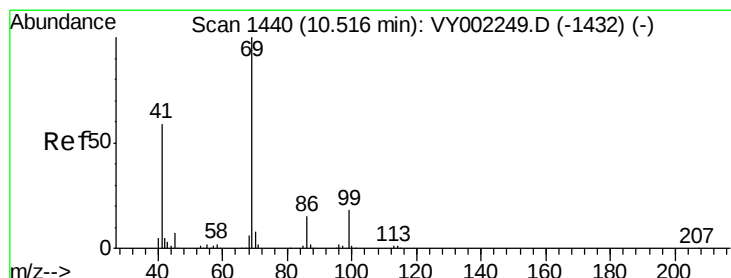
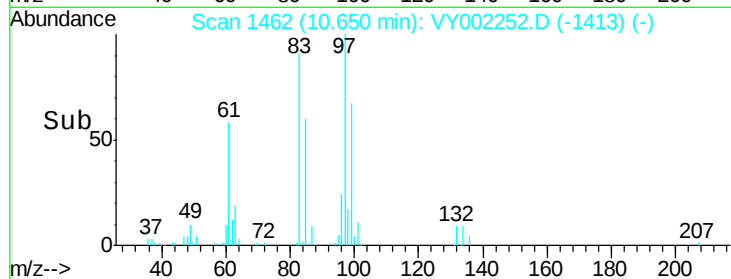
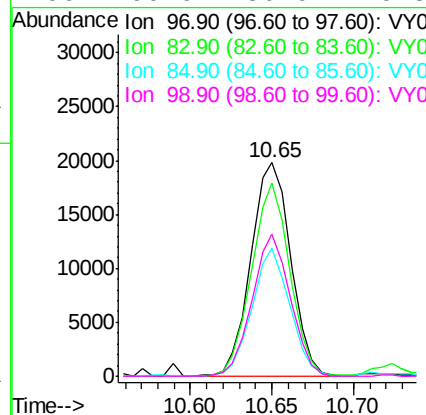
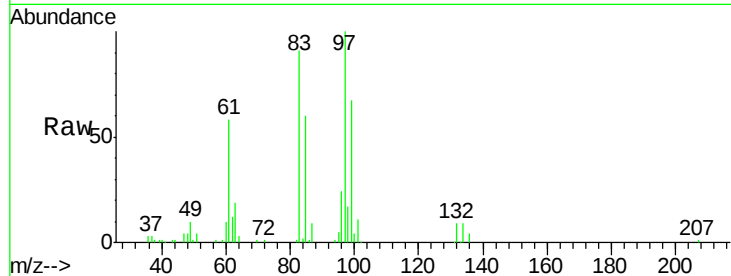
#55
 1,1,2-Trichloroethane
 Concen: 20.336 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion:	97	Resp:	33586
Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.5	104.3
85	59.7	45.2	67.8
99	66.6	50.9	76.3

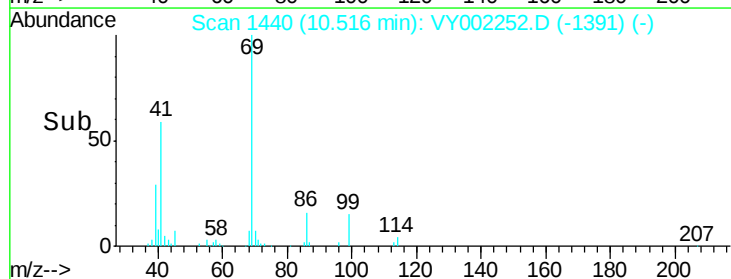
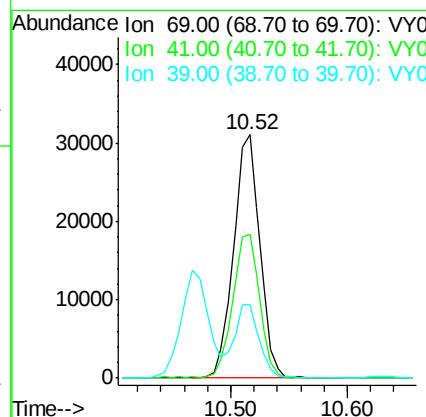
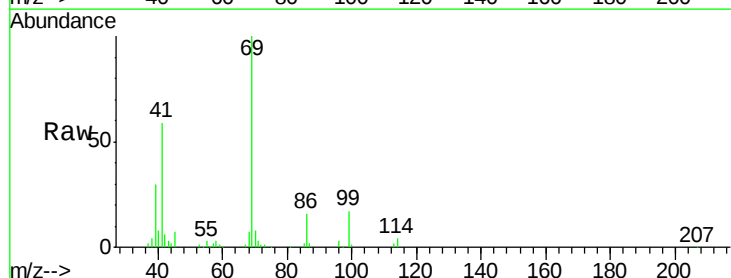
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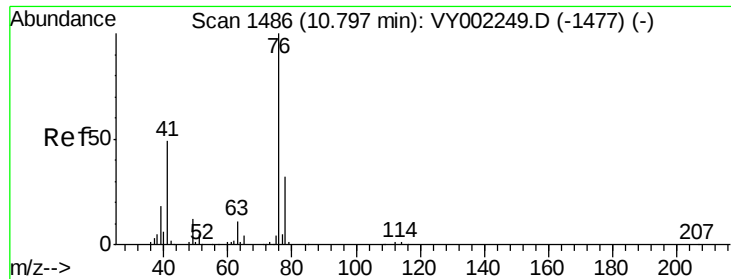
MMDadoda
 4/9/2020 11:32:07 AM



#56
 Ethyl methacrylate
 Concen: 20.656 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion:	69	Resp:	48691
Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.9	71.9
39	29.0	23.8	35.6





#57

1,3-Dichloropropane

Concen: 20.269 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 76 Resp: 58841

Ion Ratio Lower Upper

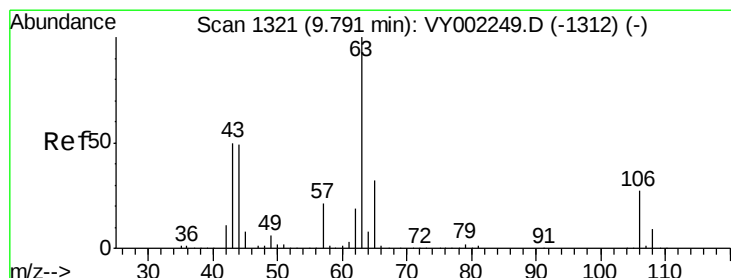
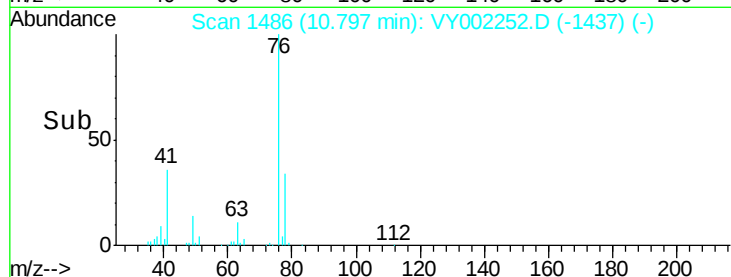
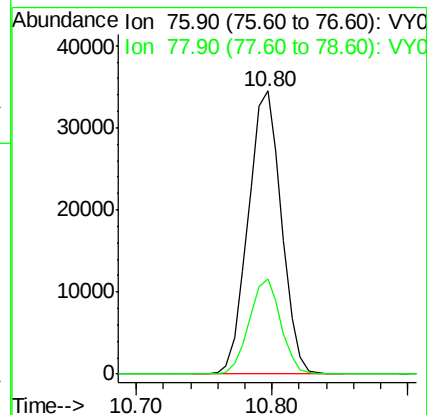
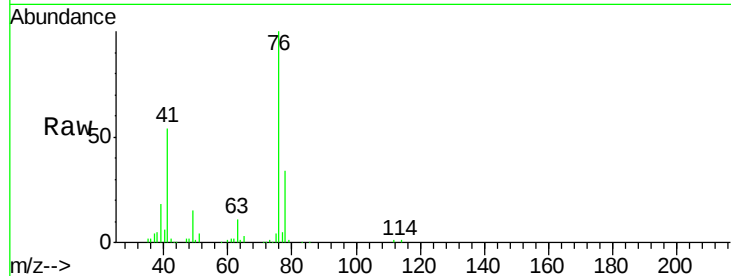
76 100

78 32.1 25.8 38.6

Manual Integrations
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MMDadoda

4/9/2020 11:32:07 AM



#58

2-Chloroethyl Vinyl ether

Concen: 106.887 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY002252.D

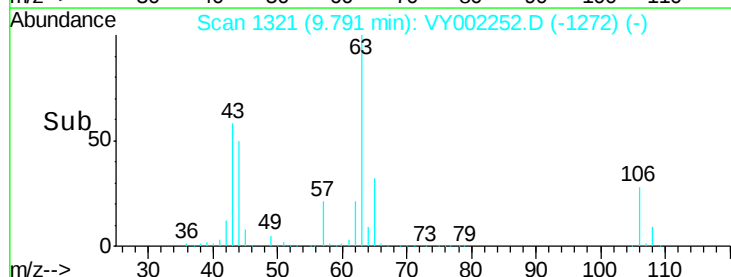
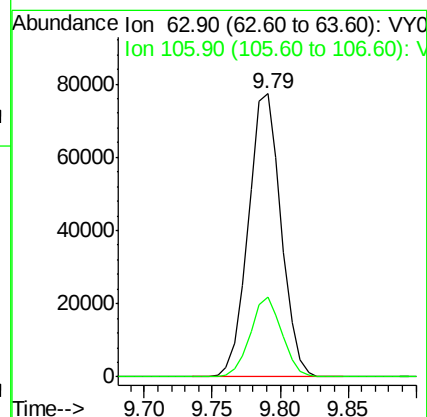
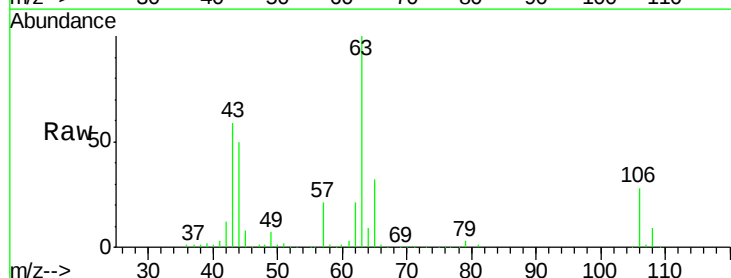
Acq: 08 Apr 2020 16:12

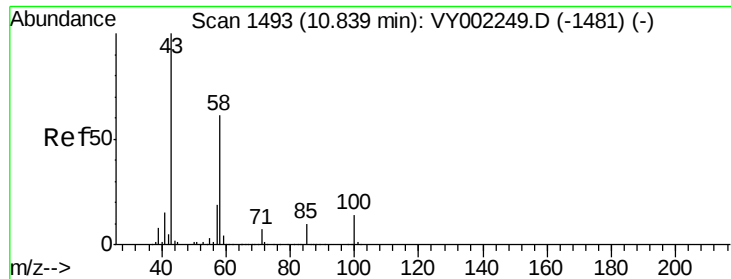
Tgt Ion: 63 Resp: 130475

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





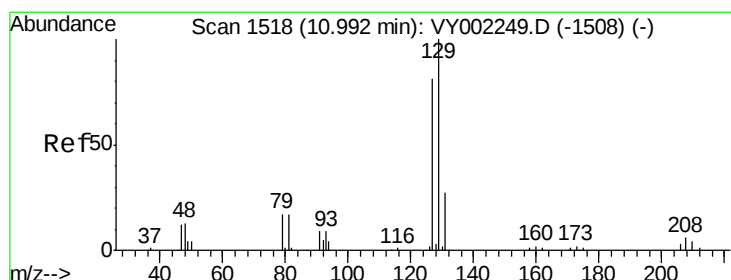
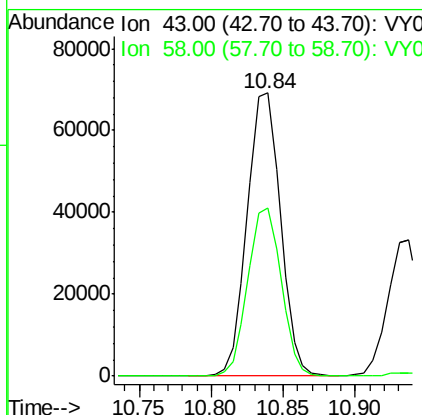
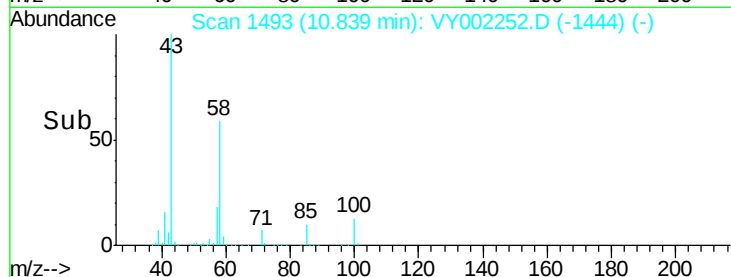
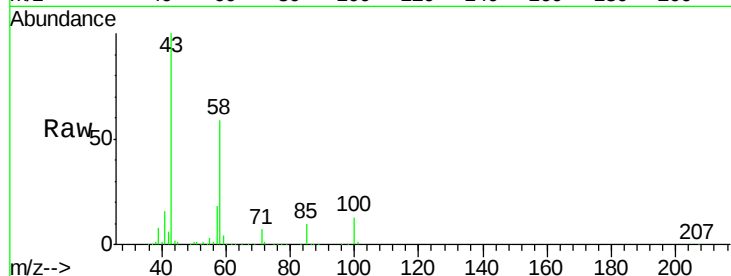
#59
2-Hexanone
Concen: 102.931 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	43	Resp	111158
Ion Ratio	43	100	
Lower	58	59.4	29.8
Upper			89.3

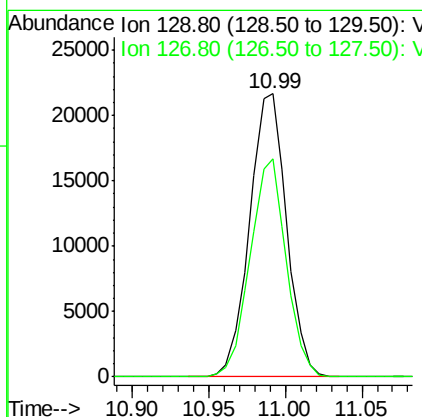
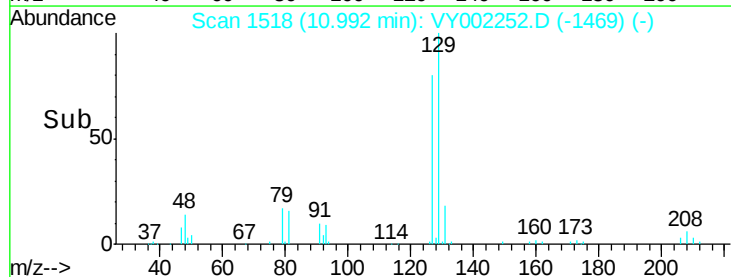
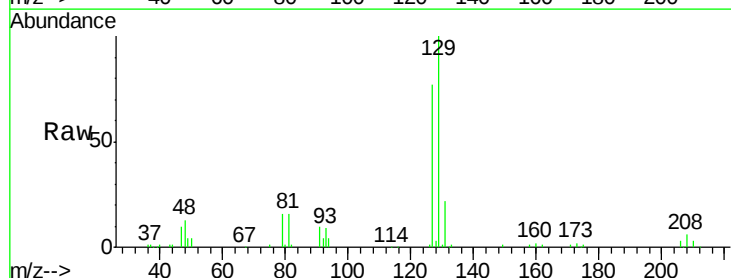
Manual Integrations
APPROVED

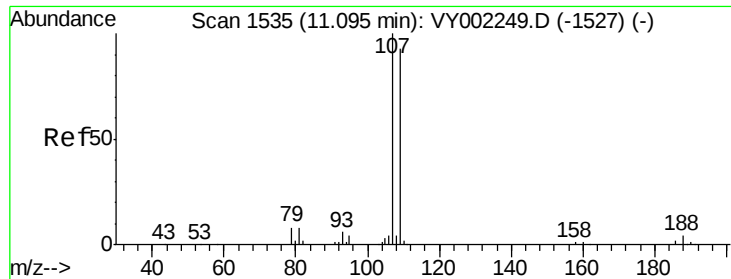
MMDadoda
4/9/2020 11:32:07 AM



#60
Dibromochloromethane
Concen: 20.687 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	129	Resp	36431
Ion Ratio	129	100	
Lower	127	75.2	39.0
Upper			117.0





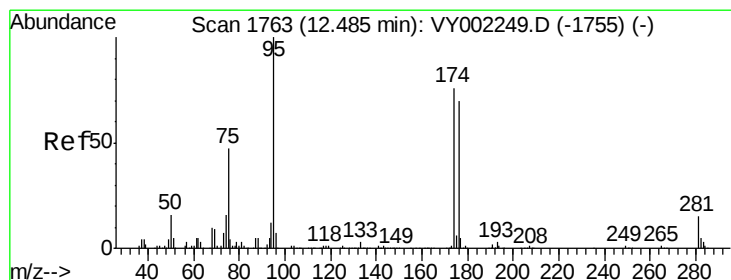
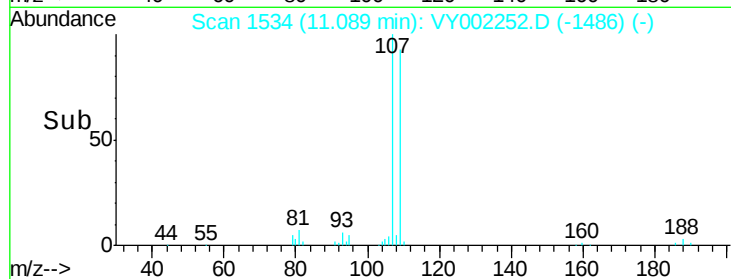
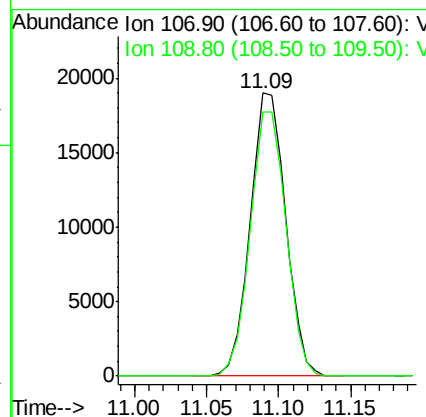
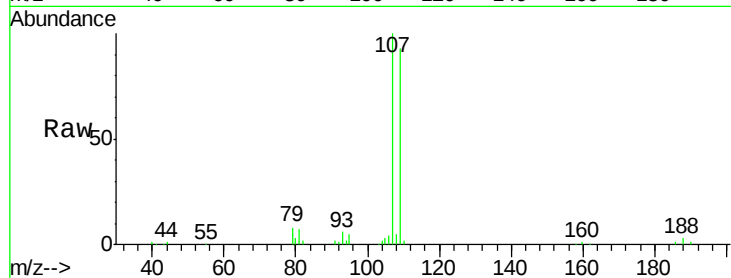
#61
 1,2-Dibromoethane
 Concen: 20.531 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.6	113.4

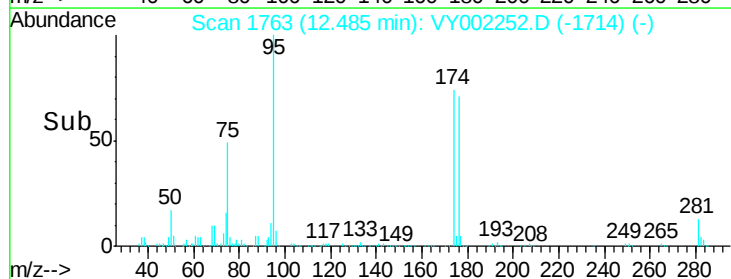
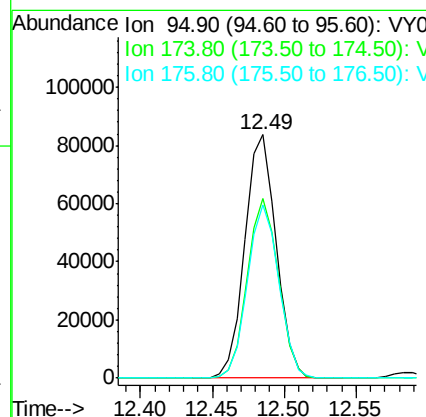
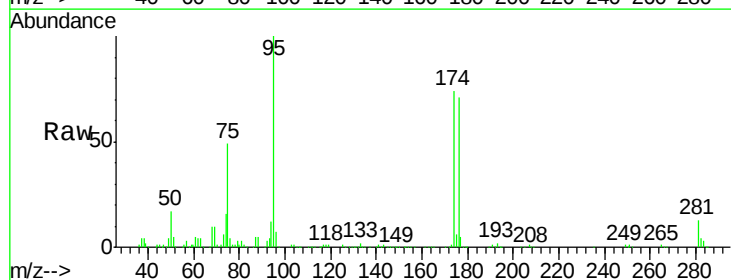
Manual Integrations
 APPROVED

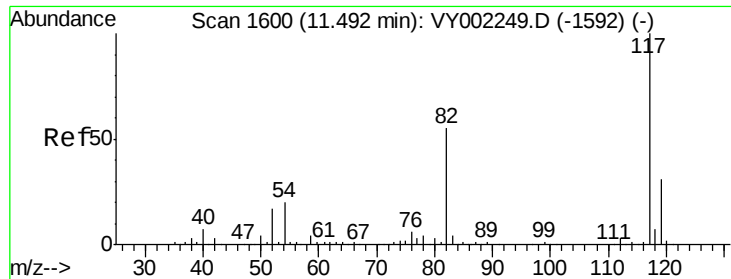
MMDadoda
 4/9/2020 11:32:07 AM



#62
 4-Bromofluorobenzene
 Concen: 52.671 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	150.6
176	71.3	0.0	141.4





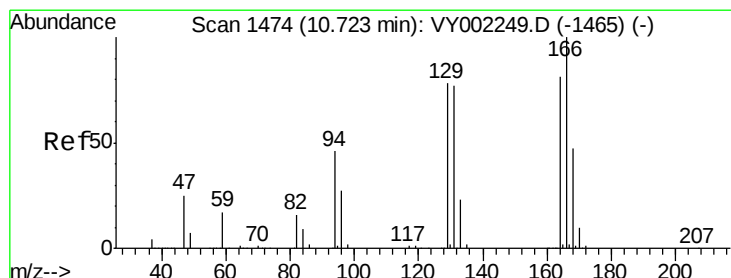
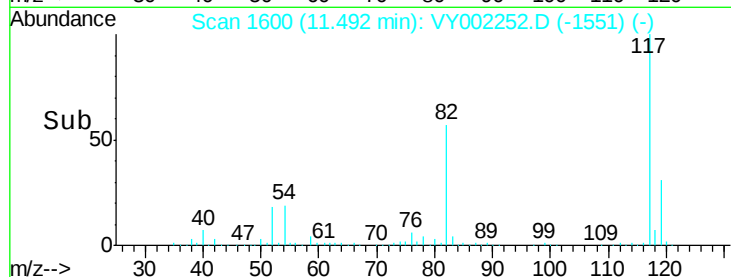
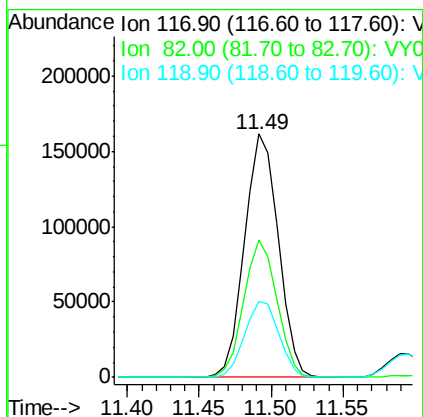
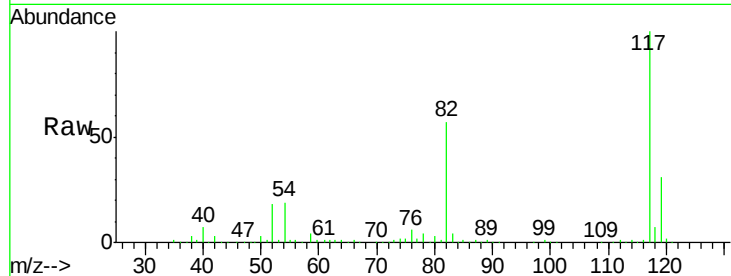
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.2	66.4
119	31.3	25.1	37.7

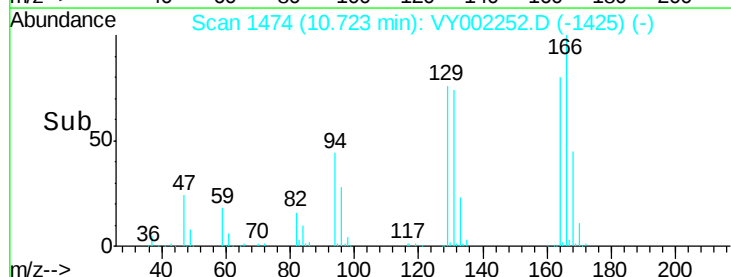
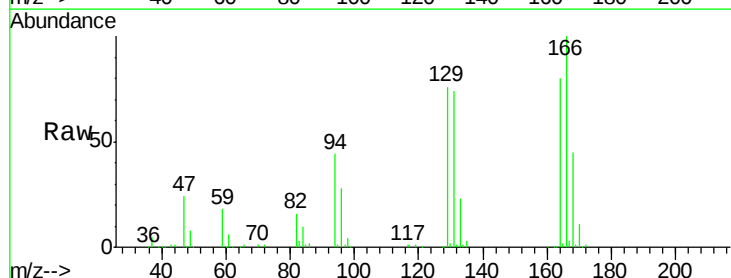
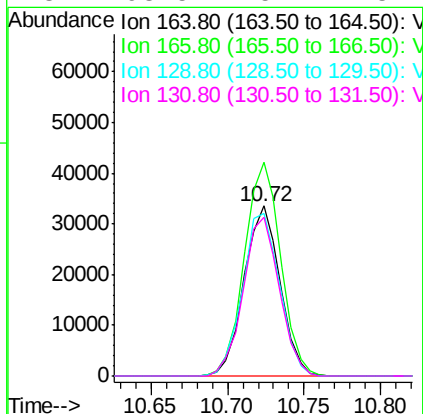
Manual Integrations
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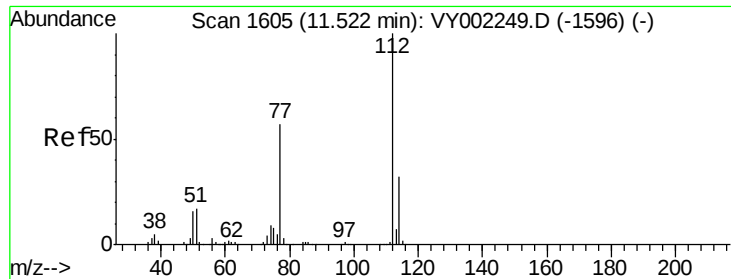
MMDadoda
4/9/2020 11:32:07 AM



#64
Tetrachloroethene
Concen: 20.727 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	98.4	147.6
129	96.1	76.6	115.0
131	93.5	75.4	113.2





#65

Chlorobenzene

Concen: 20.686 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion:112 Resp: 112330

Ion Ratio Lower Upper

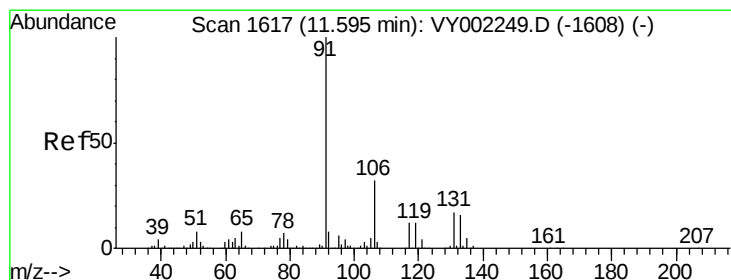
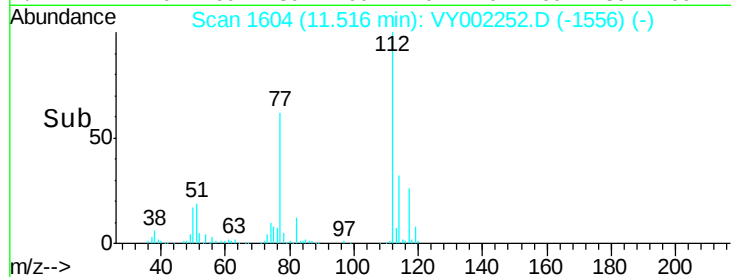
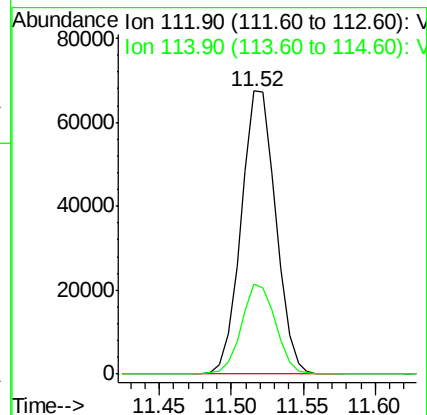
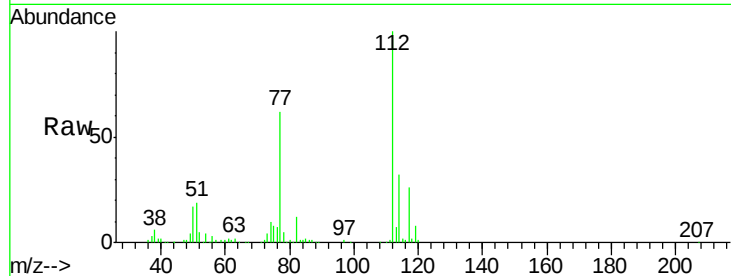
112 100

114 31.9 25.6 38.4

Manual Integrations
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4/9/2020 11:32:07 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

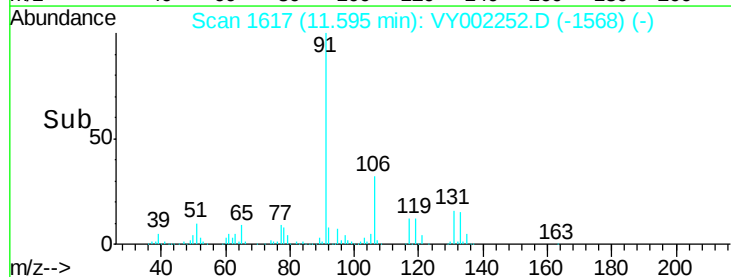
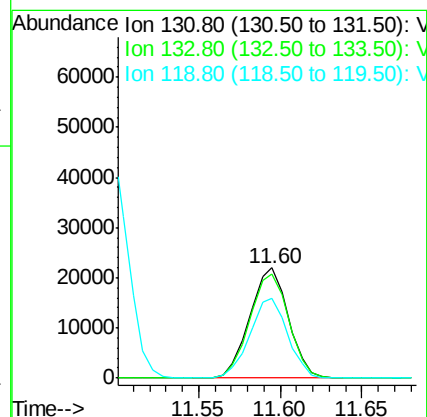
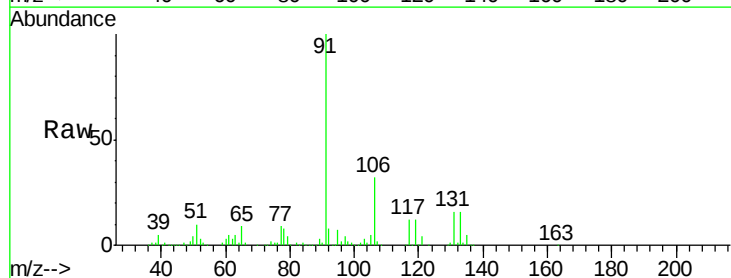
Tgt Ion:131 Resp: 36242

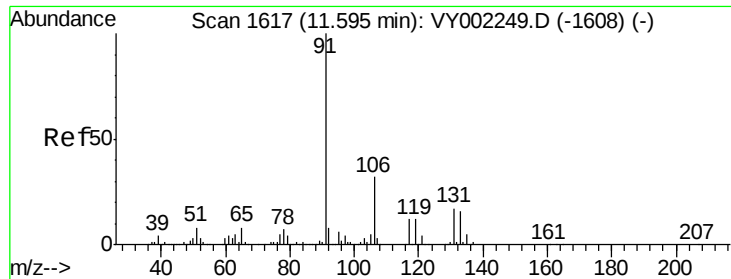
Ion Ratio Lower Upper

131 100

133 95.9 46.5 139.3

119 70.9 34.5 103.6





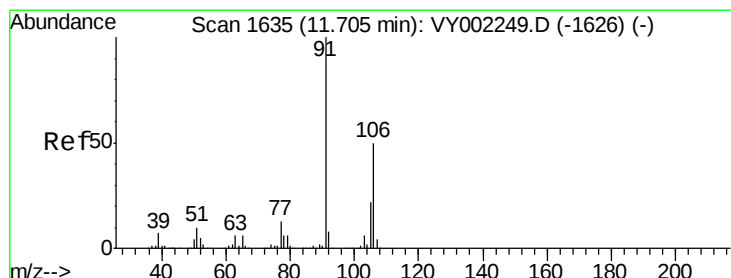
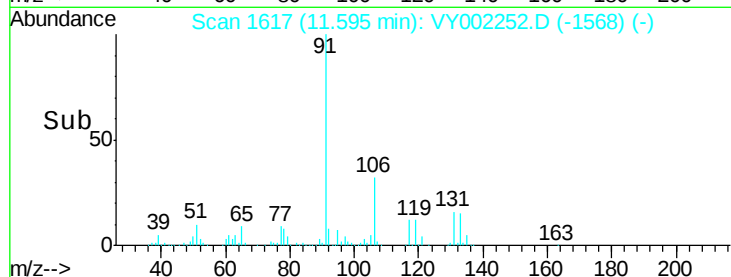
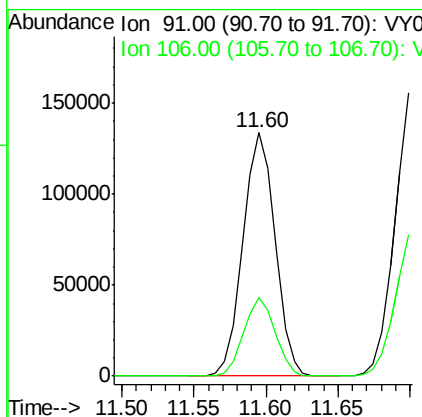
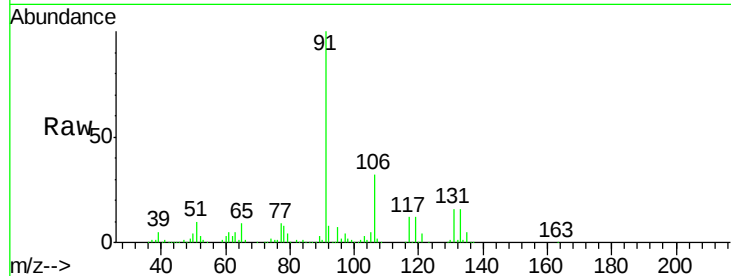
#67
Ethyl Benzene
Concen: 20.763 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.4	38.0

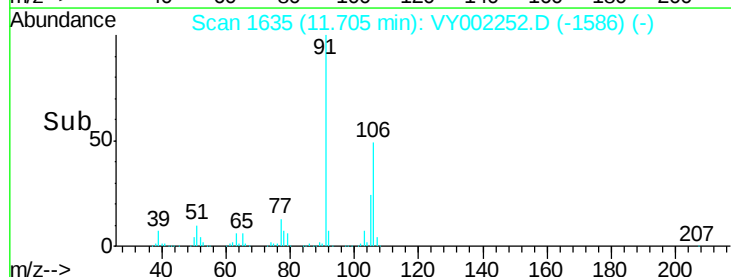
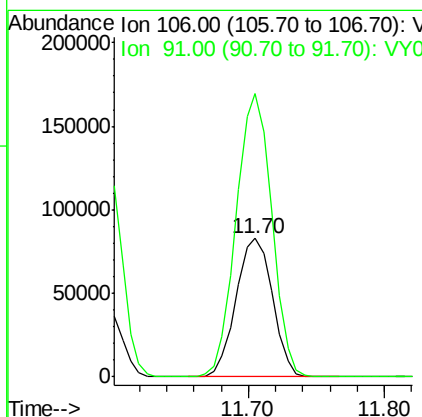
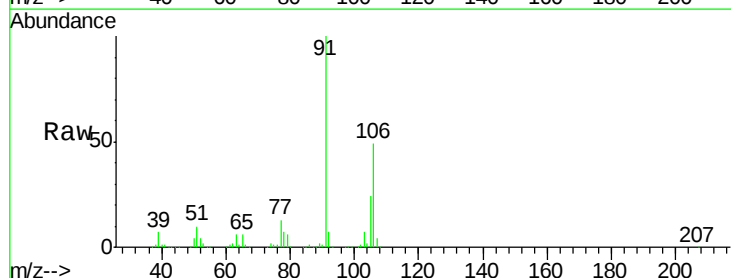
Manual Integrations
APPROVED

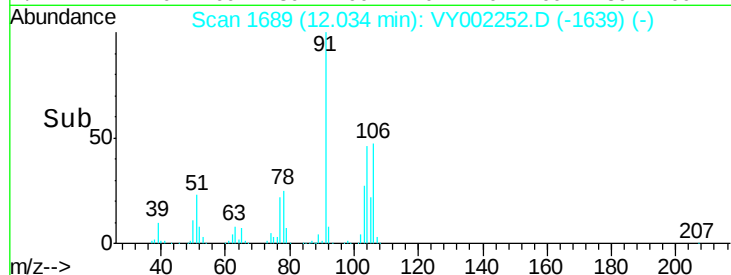
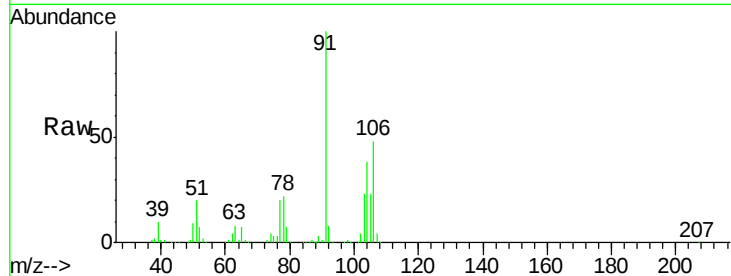
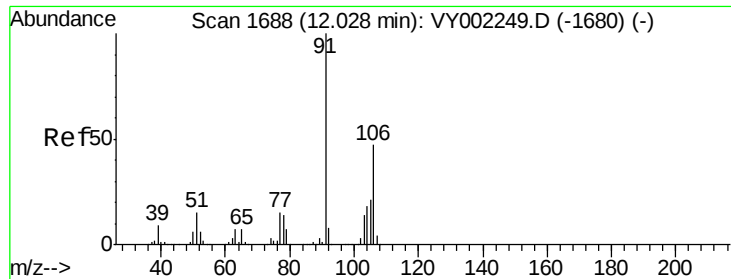
MMDadoda
4/9/2020 11:32:07 AM



#68
m/p-Xylenes
Concen: 41.732 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.9	159.8	239.6





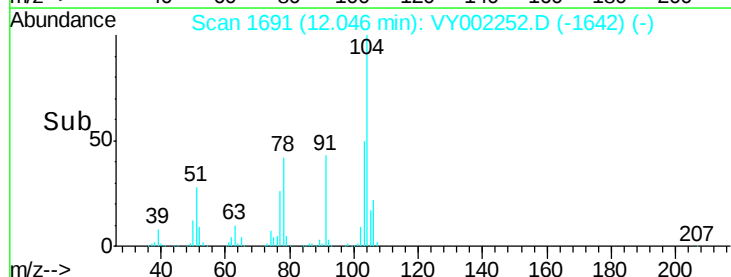
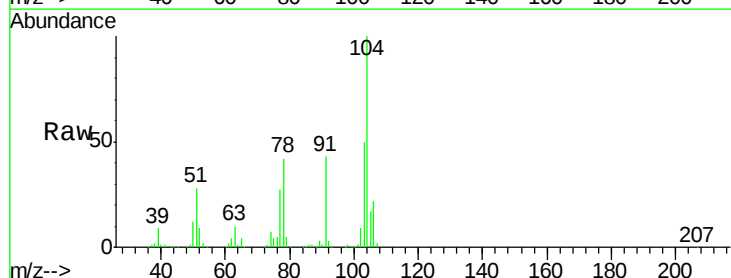
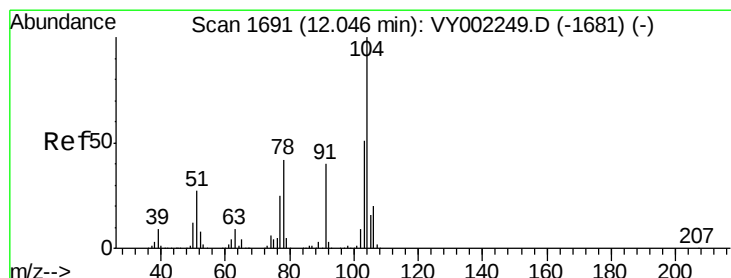
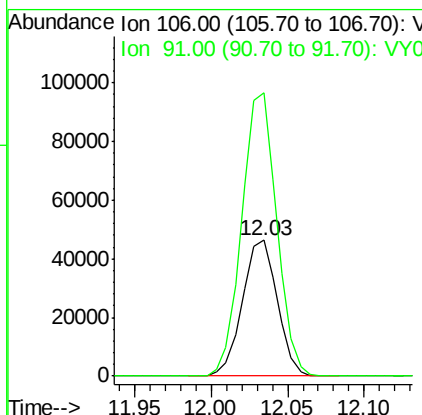
#69
o-Xylene
Concen: 20.930 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tot Ion:106 Resp: 73164
Ion Ratio Lower Upper
106 100
91 209.4 105.8 317.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

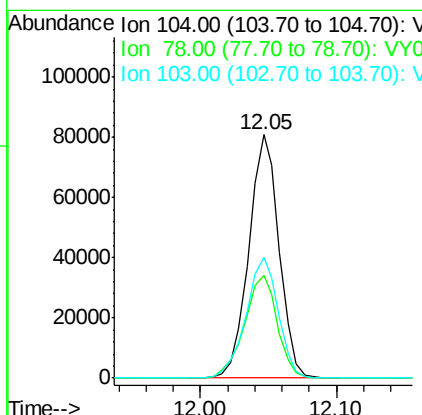
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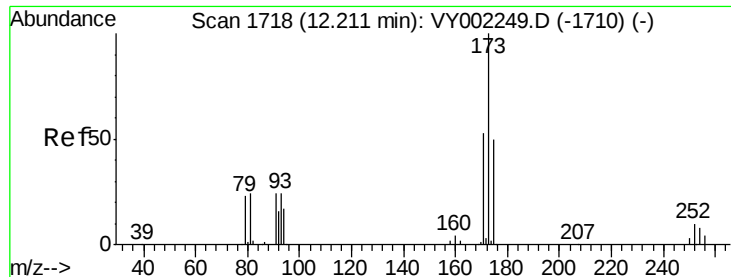
MMDadoda
4/9/2020 11:32:07 AM



#70
Styrene
Concen: 20.632 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion:104 Resp: 125125
Ion Ratio Lower Upper
104 100
78 45.9 37.2 55.8
103 53.2 43.4 65.0





#71

Bromoform

Concen: 20.594 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion:173 Resp: 20078

Ion Ratio Lower Upper

173 100

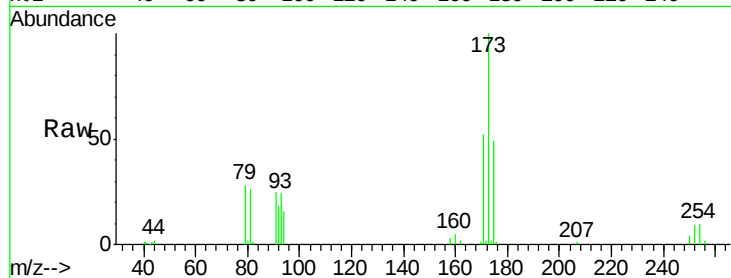
175 49.2 24.1 72.3

254 0.0 0.0 0.0

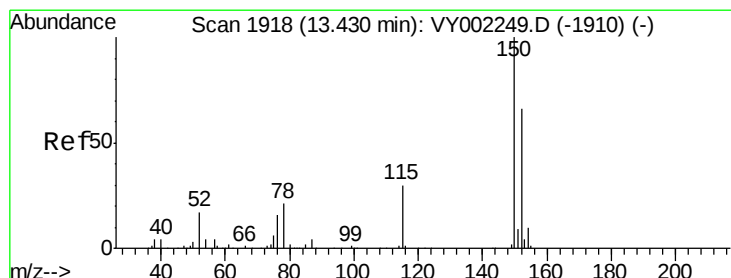
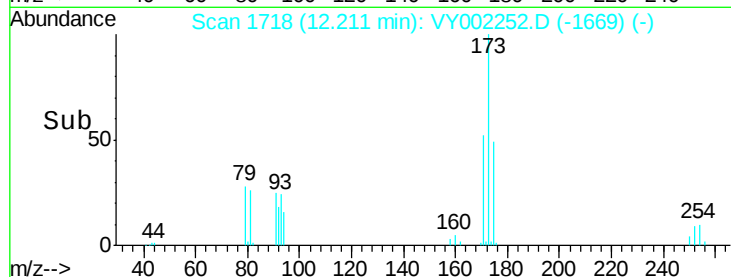
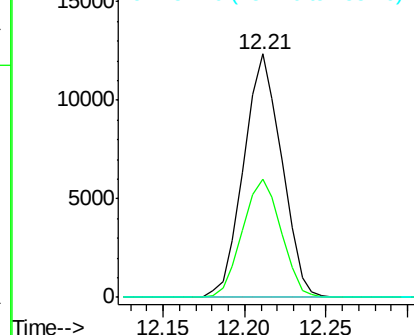
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

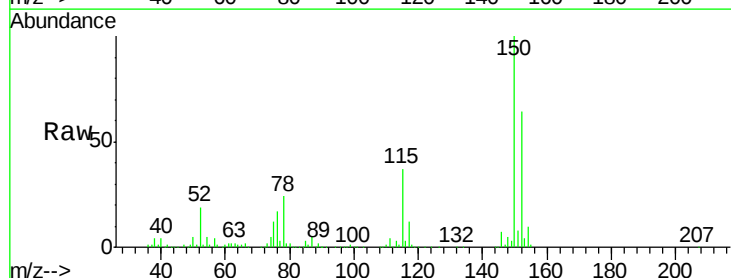
Tgt Ion:152 Resp: 122699

Ion Ratio Lower Upper

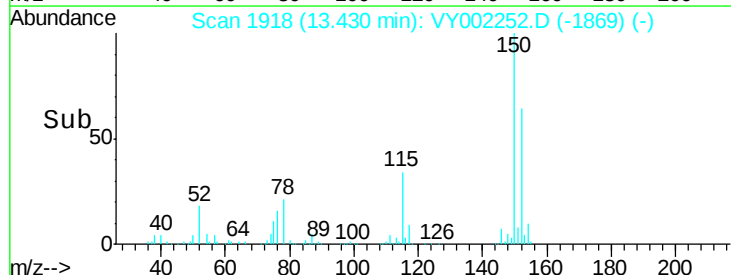
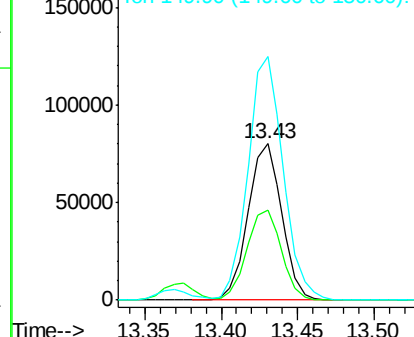
152 100

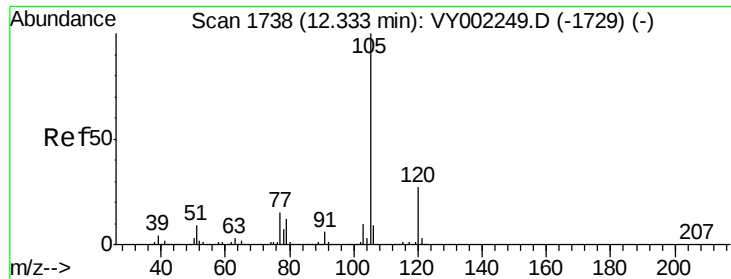
115 59.0 30.7 92.1

150 162.3 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





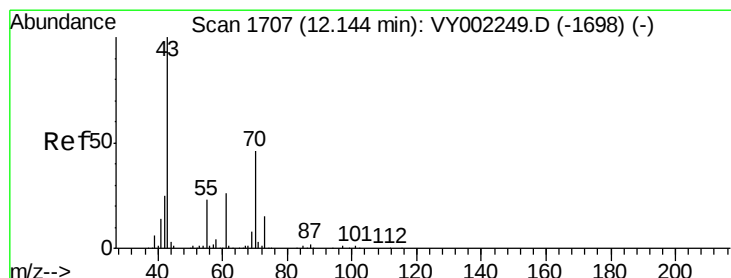
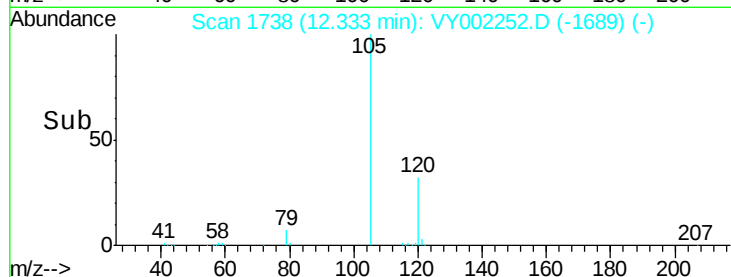
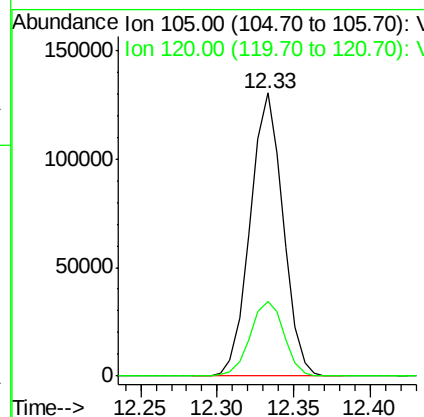
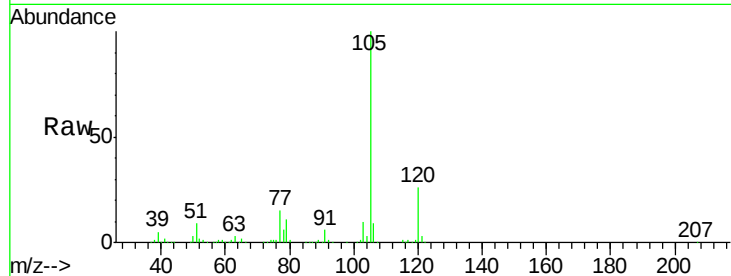
#73
Isopropylbenzene
Concen: 20.225 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	194956		
120	27.0	13.3	39.8	

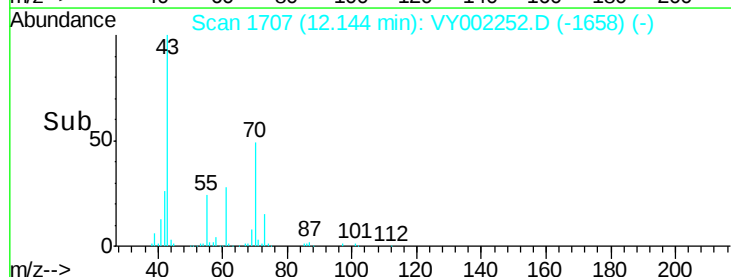
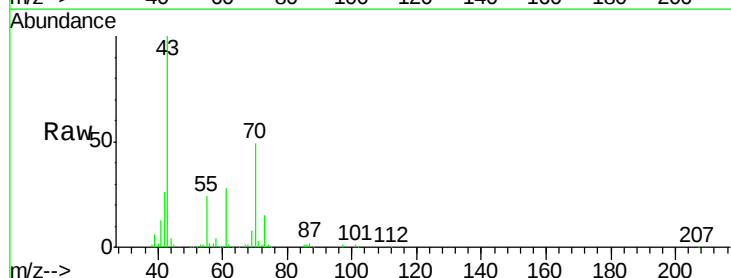
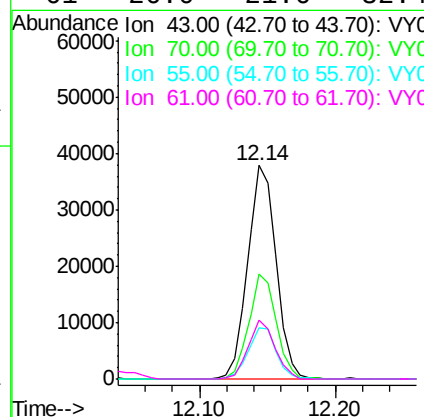
Manual Integrations
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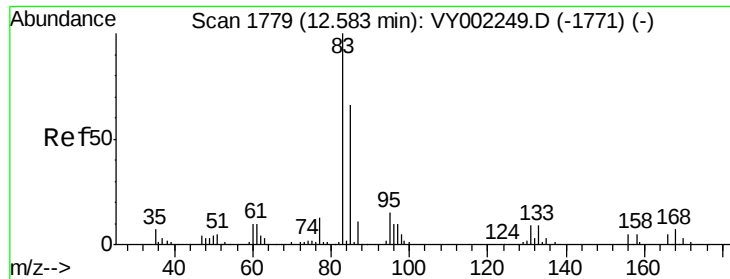
MMDadoda
4/9/2020 11:32:07 AM



#74
N-ethyl acetate
Concen: 20.293 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	55527		
70	47.2	37.5	56.3	
55	23.9	19.0	28.6	
61	26.0	21.6	32.4	





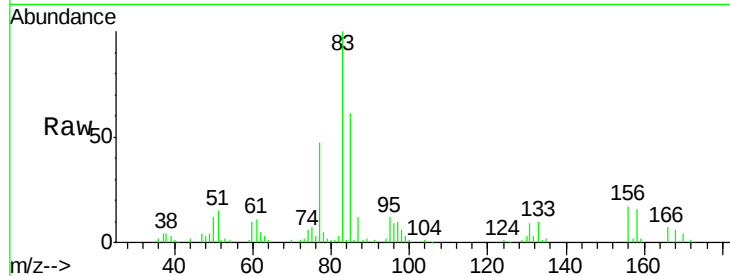
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.528 ug/l
 RT: 12.59 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

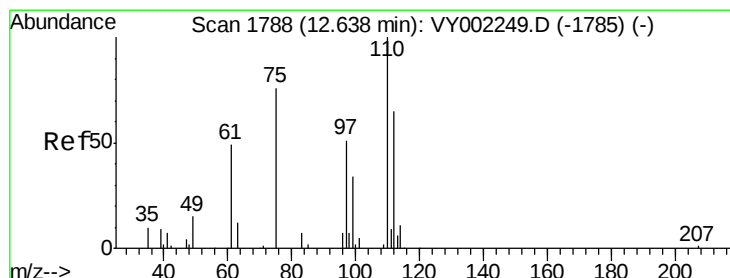
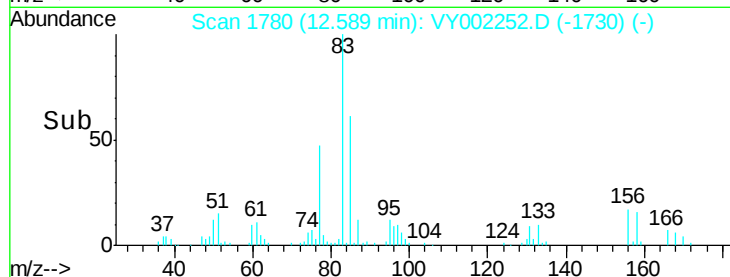
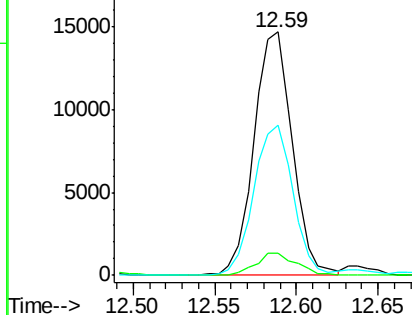
Tot Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	62.9	32.6	97.8

Manual Integrations
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MMDadoda
 4/9/2020 11:32:07 AM

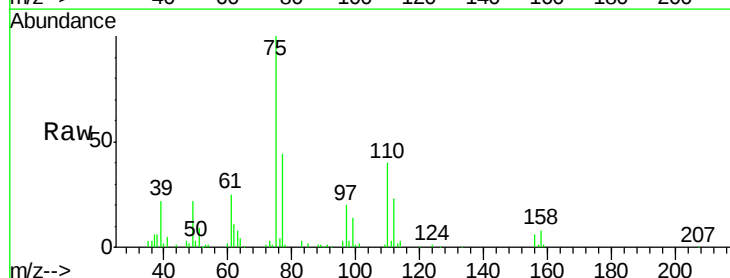


Abundance Ion 82.90 (82.60 to 83.60): VY0
 Ion 130.80 (130.50 to 131.50): VY0
 Ion 84.90 (84.60 to 85.60): VY0

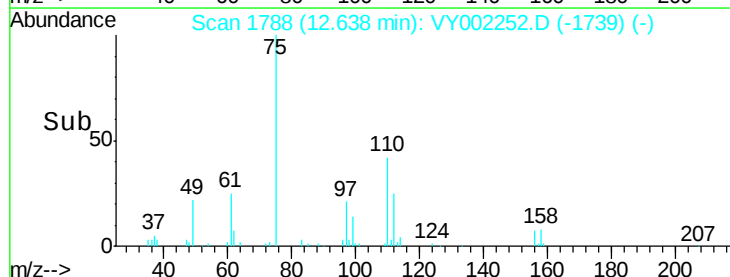
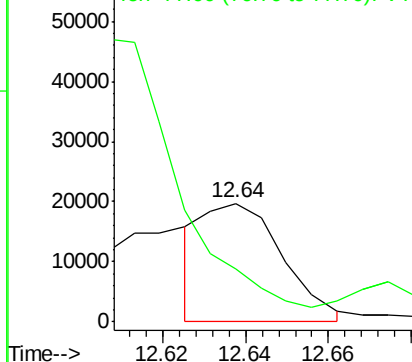


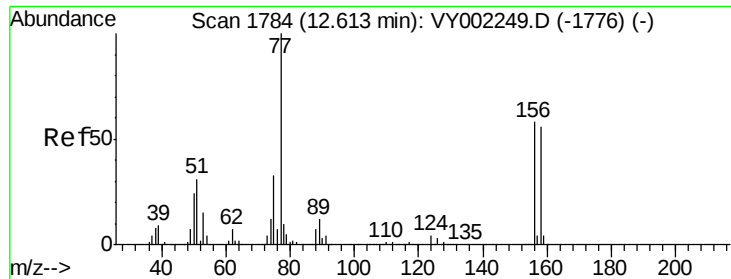
#76
 1,2,3-Trichloropropane
 Concen: 18.379 ug/l m
 RT: 12.64 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 77.00 (76.70 to 77.70): VY0





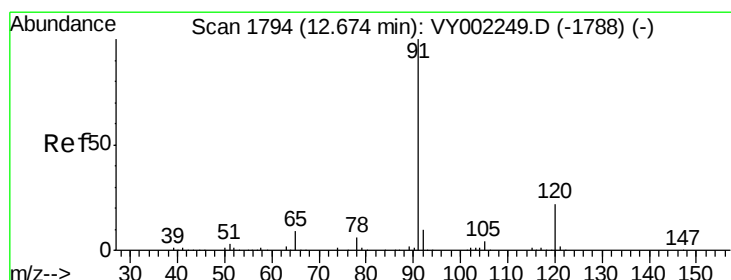
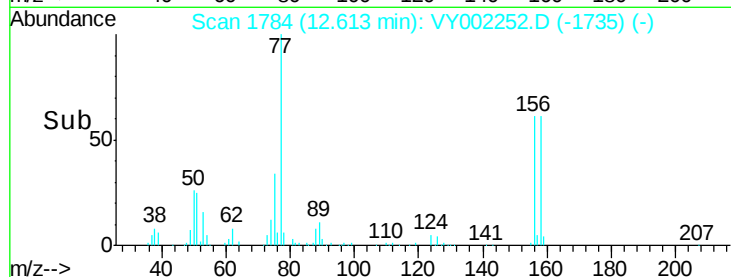
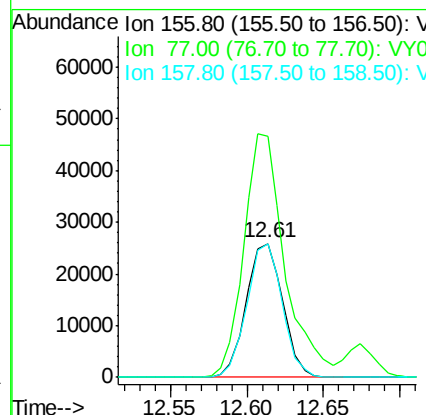
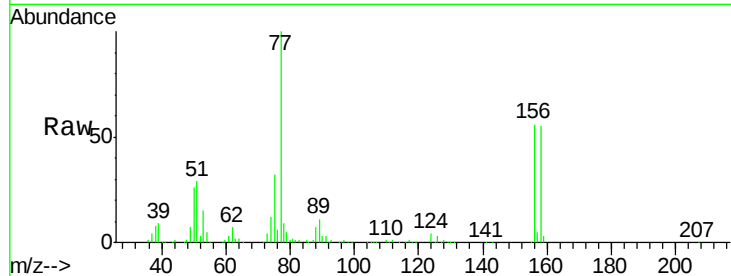
#77
Bromobenzene
Concen: 20.200 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	204.1	101.3	303.9
158	96.8	48.3	144.8

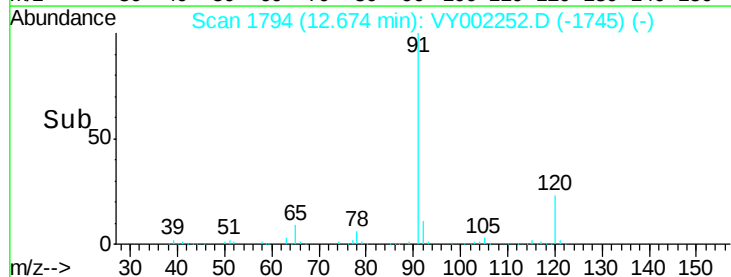
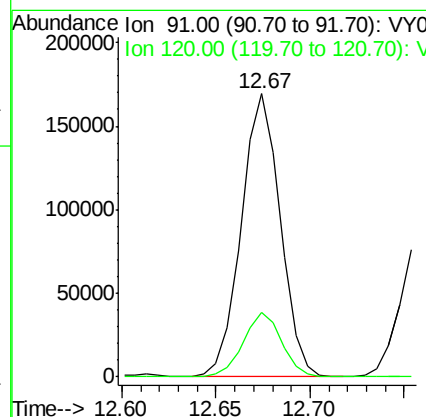
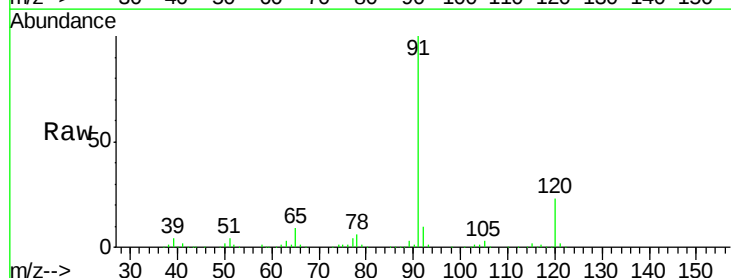
Manual Integrations
APPROVED

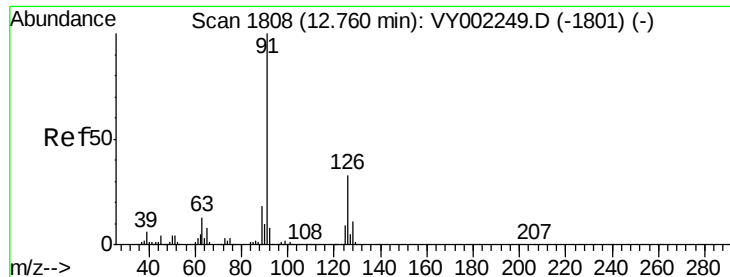
MMDadoda
4/9/2020 11:32:07 AM



#78
n-propylbenzene
Concen: 20.263 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5





#79

2-Chlorotoluene

Concen: 20.420 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion: 91 Resp: 133038

Ion Ratio Lower Upper

91 100

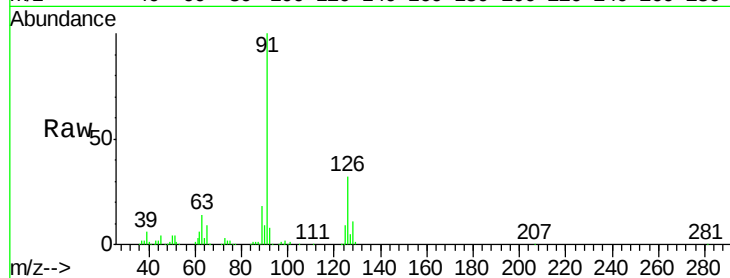
126 32.8 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)

150000

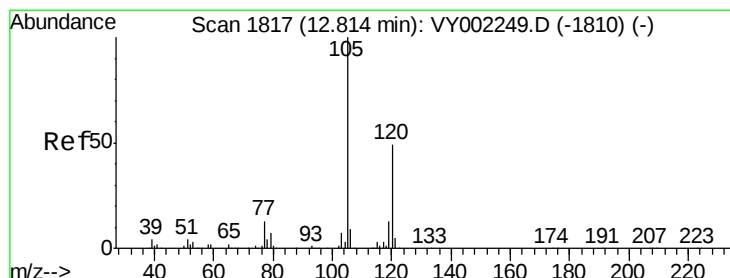
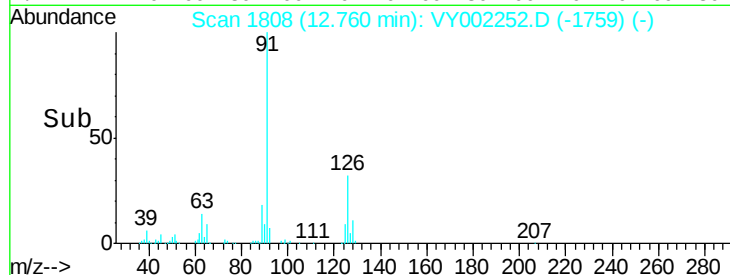
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.443 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY002252.D

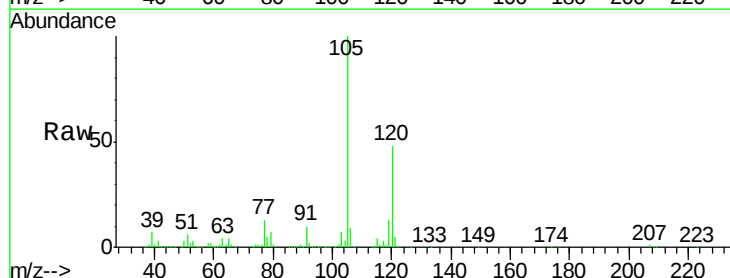
Acq: 08 Apr 2020 16:12

Tgt Ion:105 Resp: 162969

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)

120000

100000

80000

60000

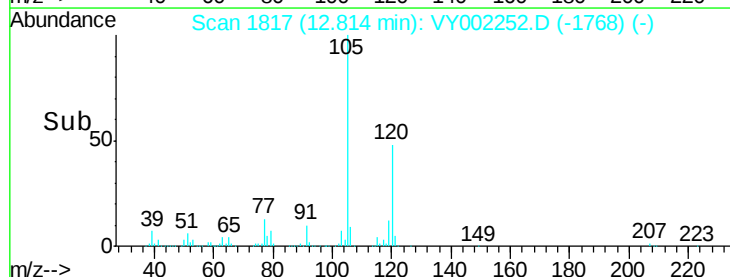
40000

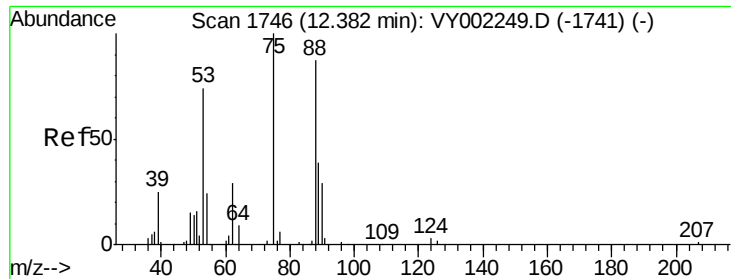
20000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.141 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

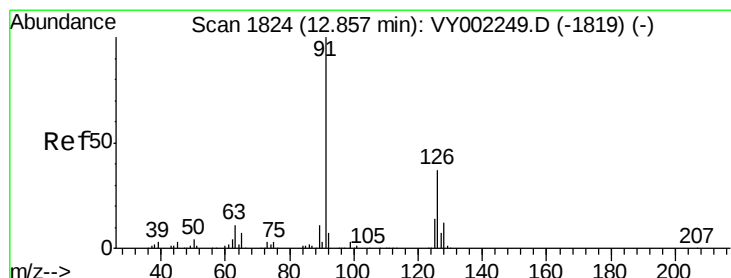
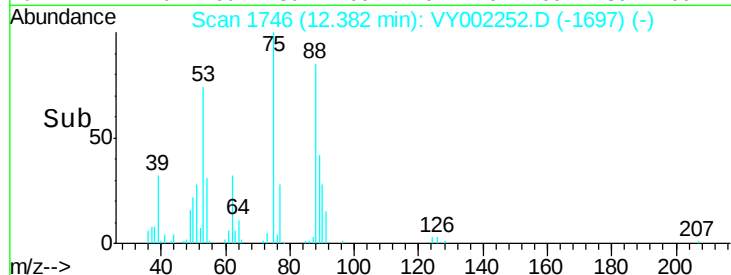
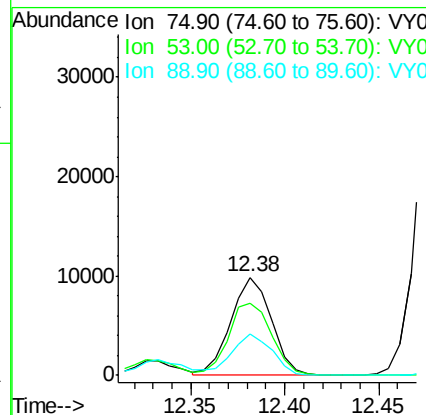
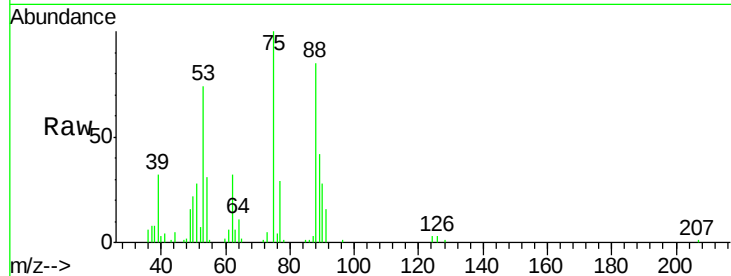
ClientSampleId :

VY0408SBS01

Tot Ion:	75	Resp:	14754
Ion	Ratio	Lower	Upper
75	100		
53	78.6	59.8	89.8
89	43.5	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.338 ug/l

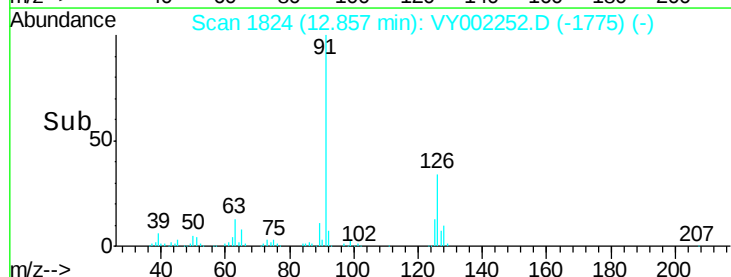
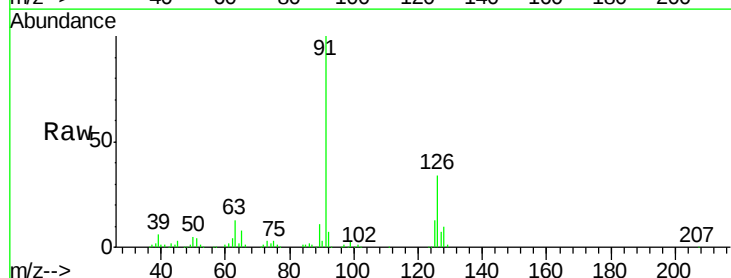
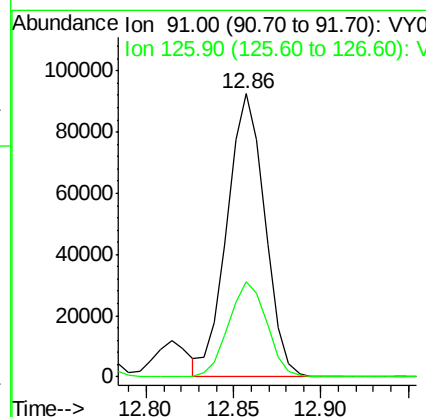
RT: 12.86 min Scan# 1824

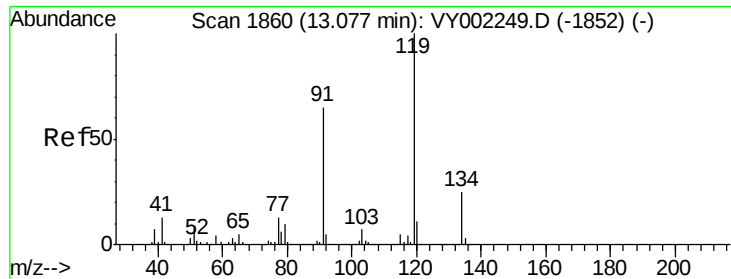
Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Tgt Ion:	91	Resp:	138882
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.9	50.7





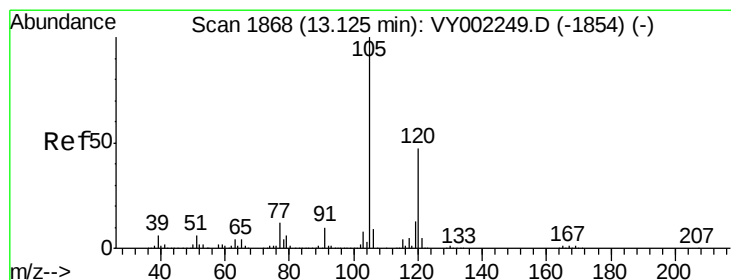
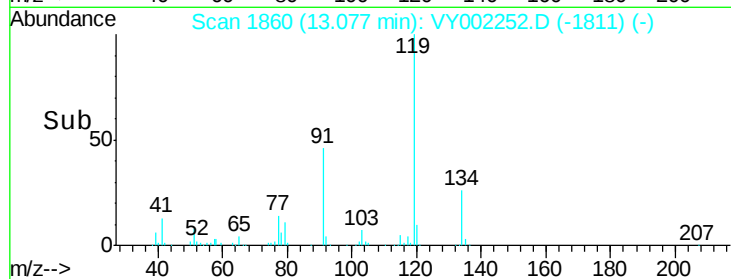
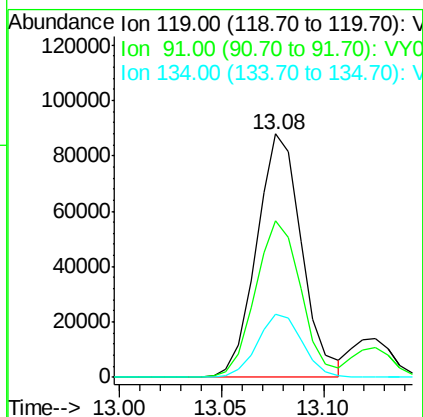
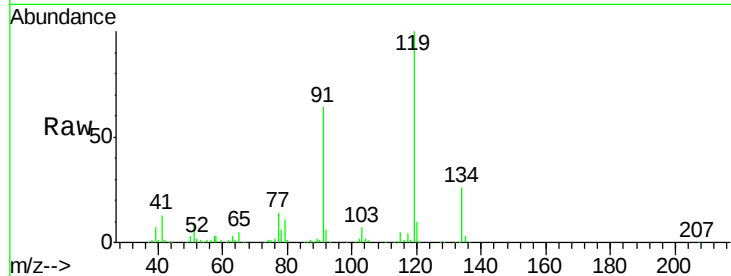
#83
 tert-Butylbenzene
 Concen: 20.281 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135431		
91	65.2	32.4	97.0	
134	26.0	12.6	37.6	

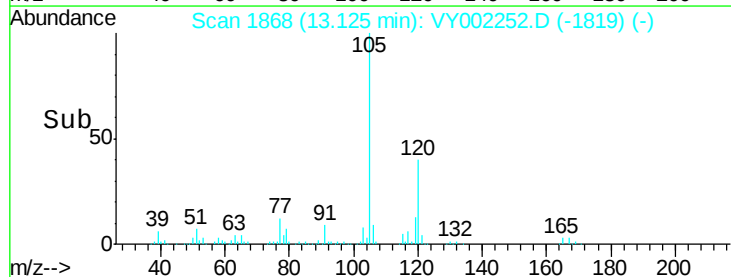
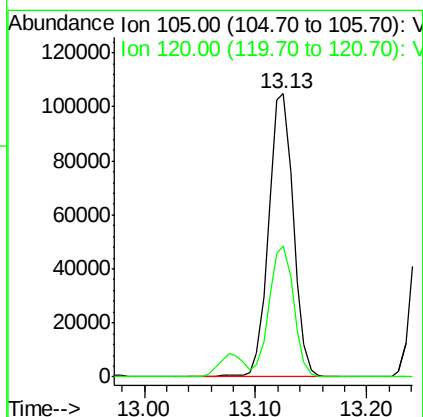
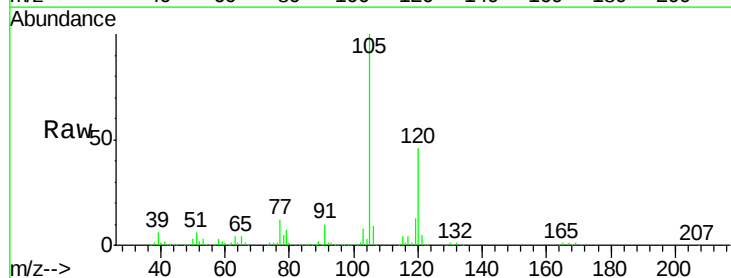
Manual Integrations
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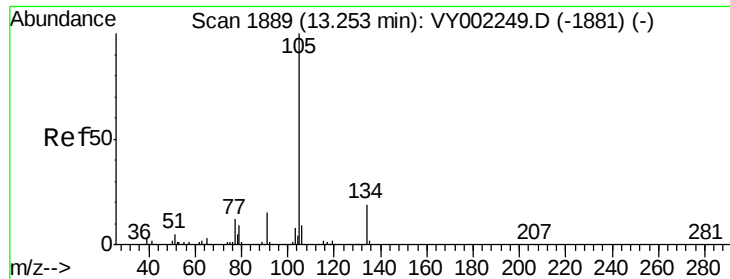
MMDadoda
 4/9/2020 11:32:07 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.422 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162576		
120	46.0	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.213 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0408SBS01

Tot Ion:105 Resp: 201066

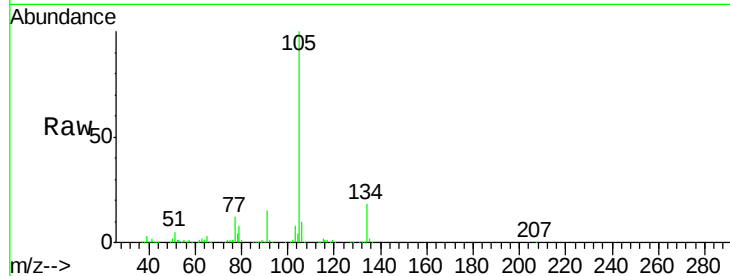
Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3

Manual Integrations
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4/9/2020 11:32:07 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

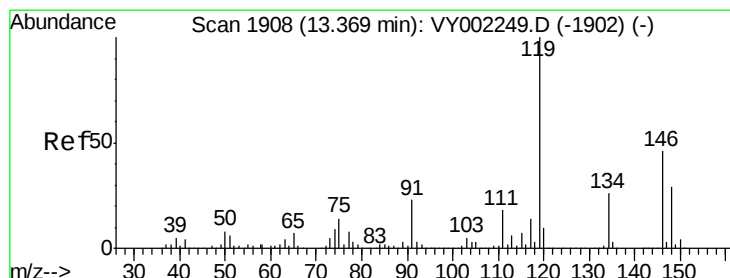
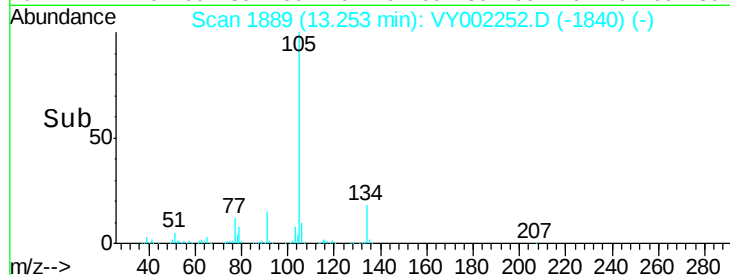
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.685 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002252.D

Acq: 08 Apr 2020 16:12

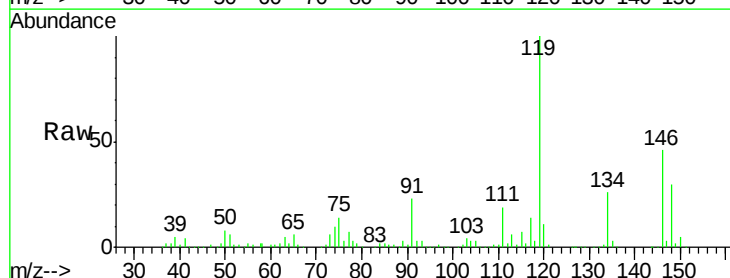
Tgt Ion:119 Resp: 177092

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.5 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

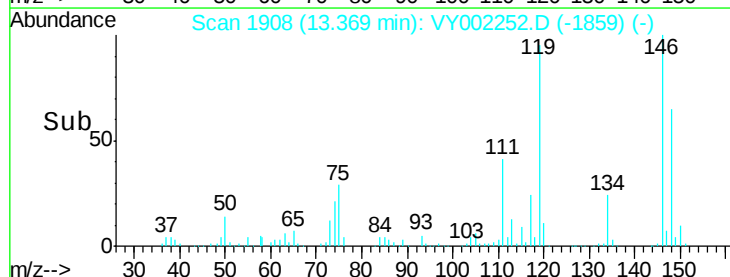
150000

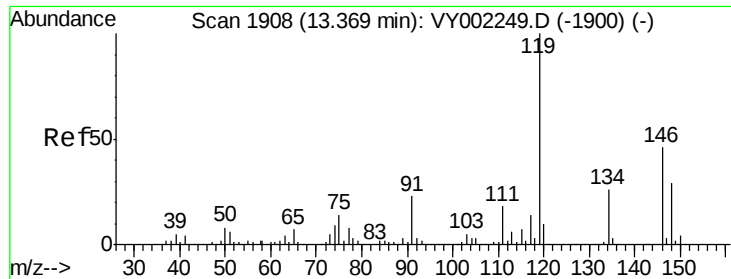
100000

50000

0

Time-->





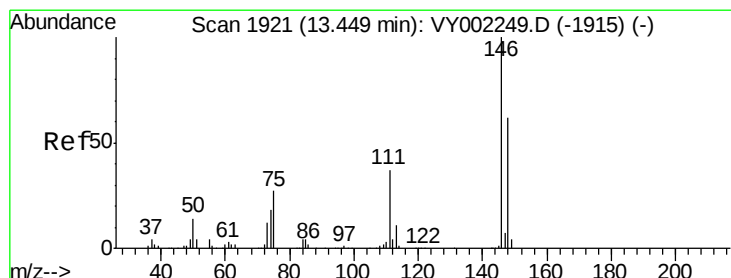
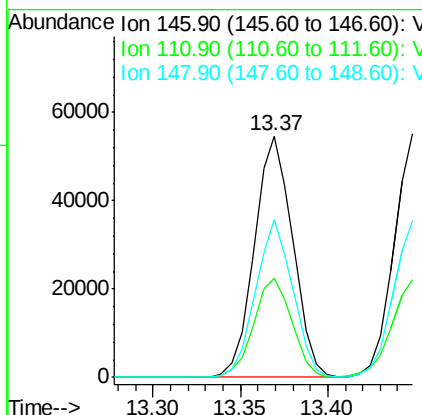
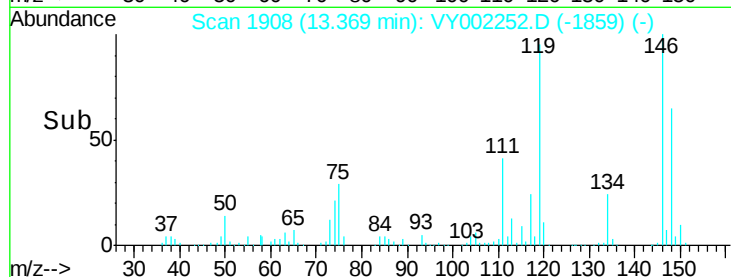
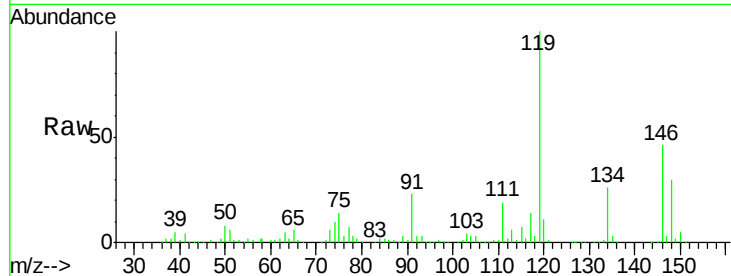
#87
 1,3-Dichlorobenzene
 Concen: 20.197 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.3	60.8
148	63.3	32.1	96.3

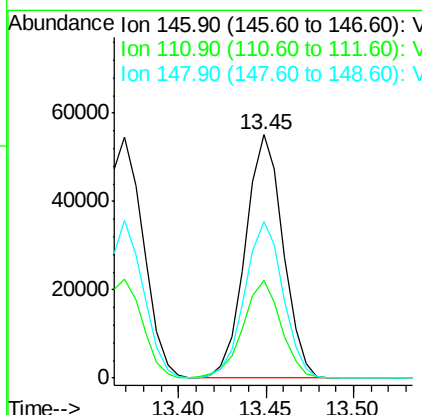
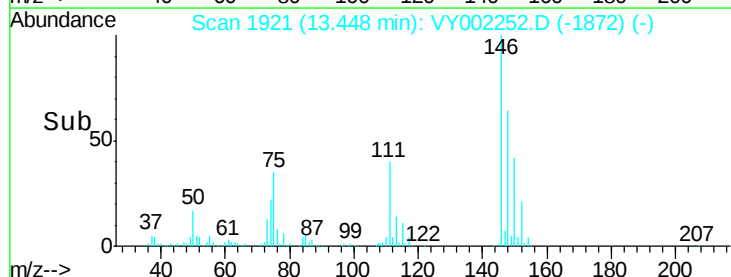
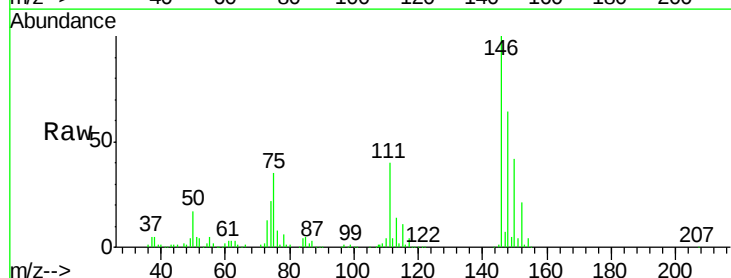
Manual Integrations
 APPROVED

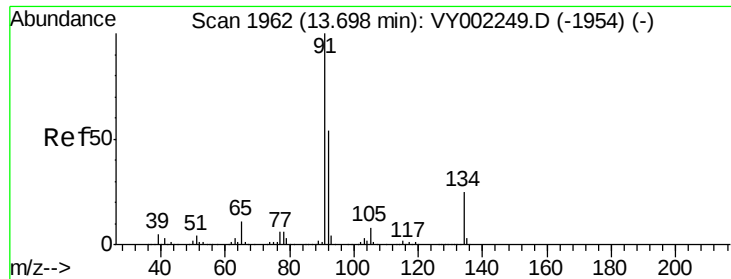
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 4/9/2020 11:32:07 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.791 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	65.2	32.0	96.0





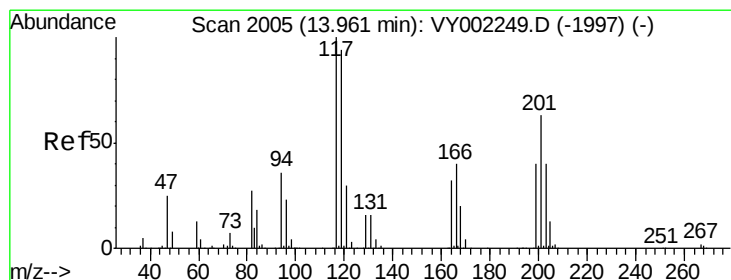
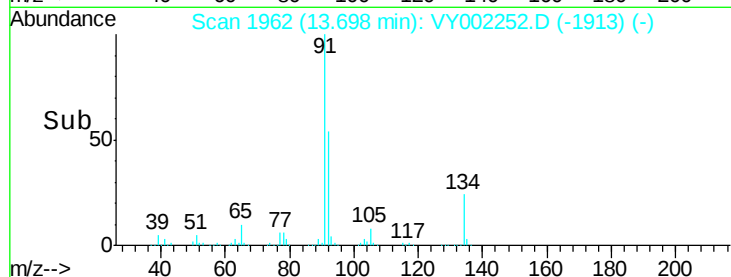
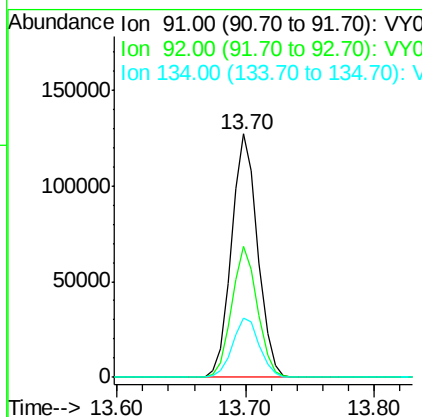
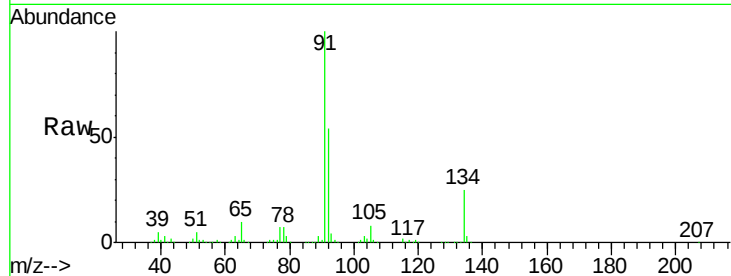
#89
n-Butylbenzene
Concen: 20.497 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	179874		
92	52.8		27.2	81.6
134	25.0		12.7	38.0

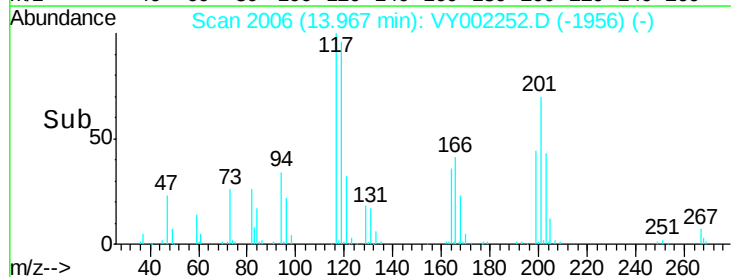
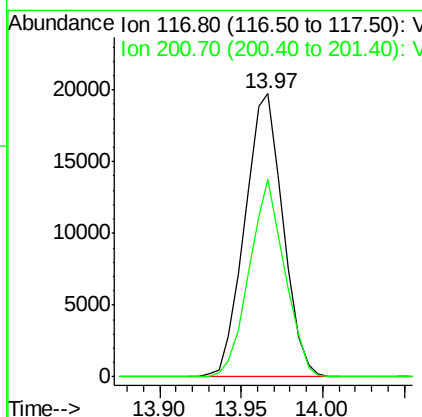
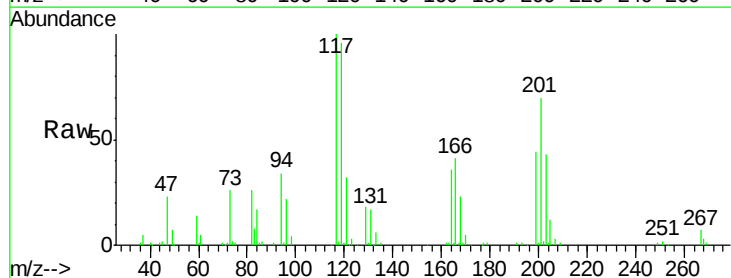
Manual Integrations
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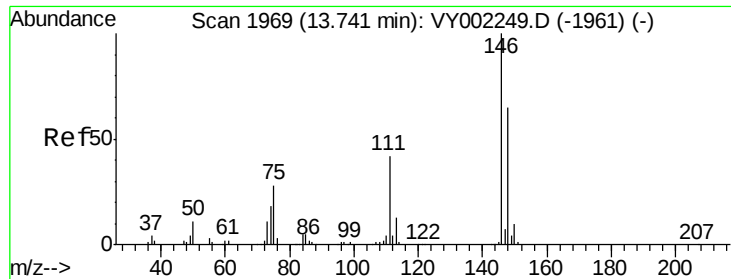
MMDadoda
4/9/2020 11:32:07 AM



#90
Hexachloroethane
Concen: 19.700 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32140		
201	64.7		33.1	99.2





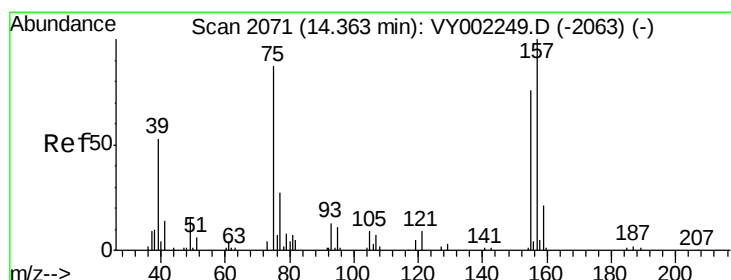
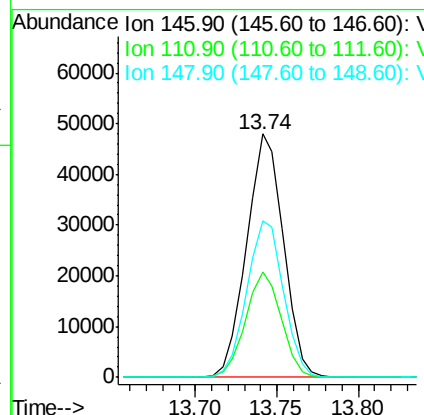
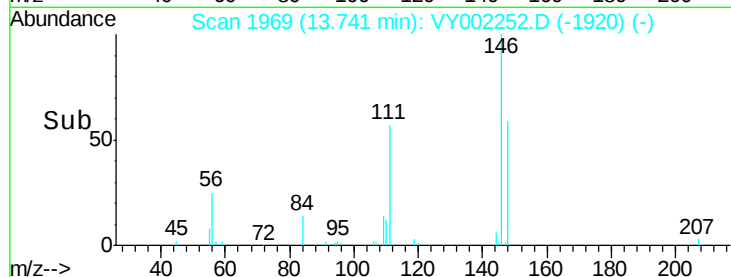
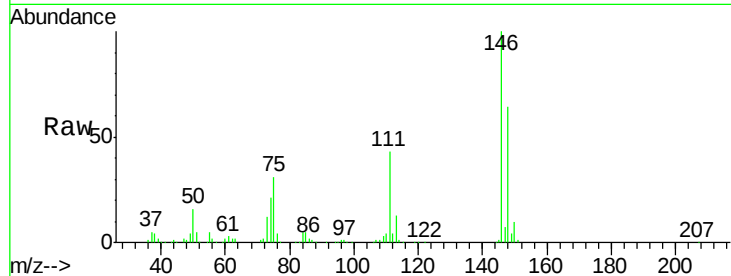
#91
 1,2-Dichlorobenzene
 Concen: 20.222 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	64.0	31.9	95.9

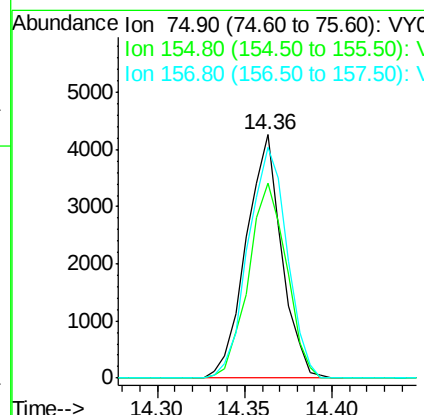
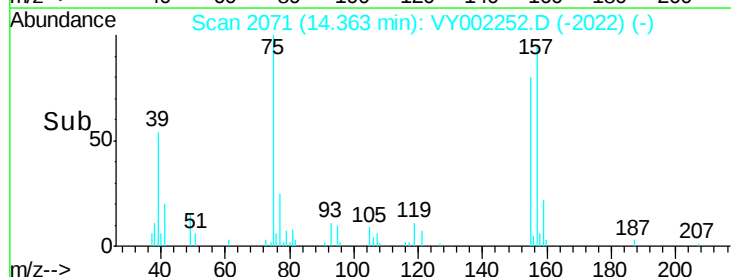
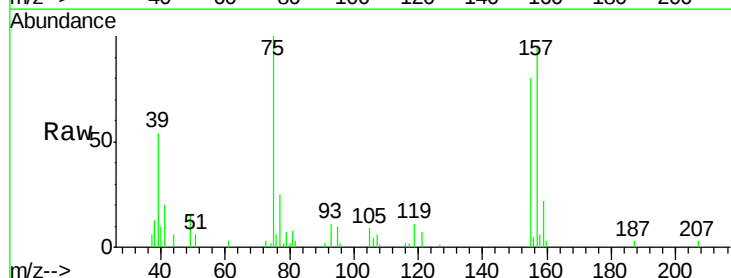
Manual Integrations
 APPROVED

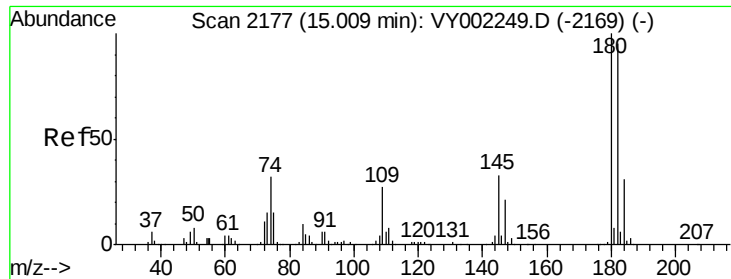
MMDadoda
 4/9/2020 11:32:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.364 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	43.6	130.8
157	103.9	56.0	168.2





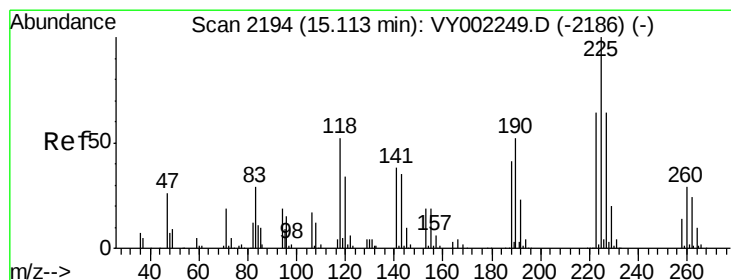
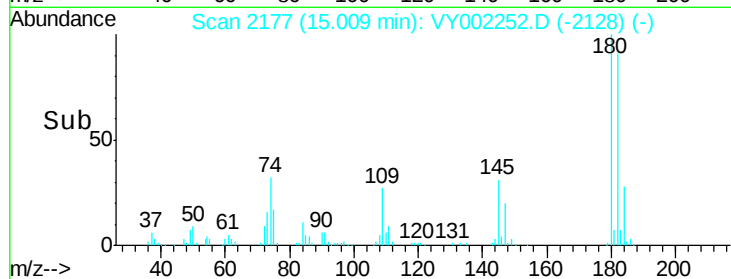
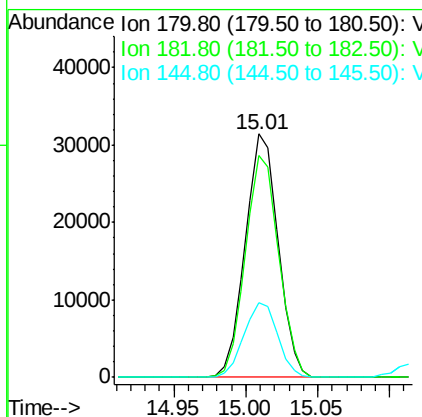
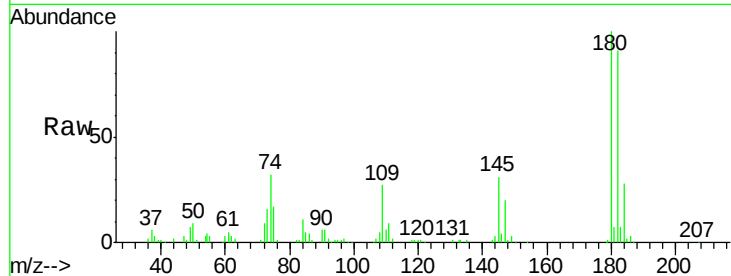
#93
 1,2,4-Trichlorobenzene
 Concen: 20.338 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.9	143.7
145	31.3	16.0	48.0

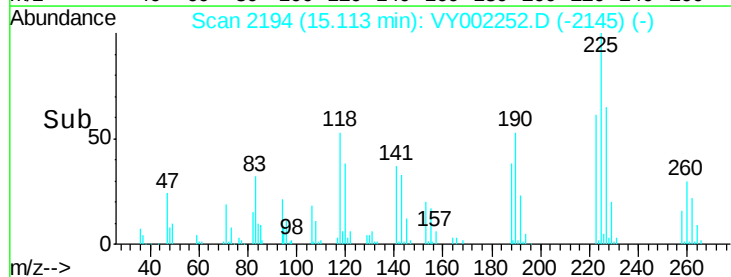
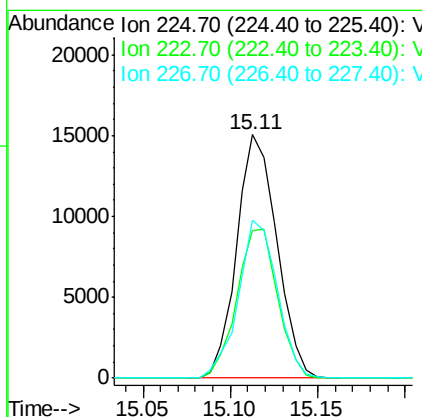
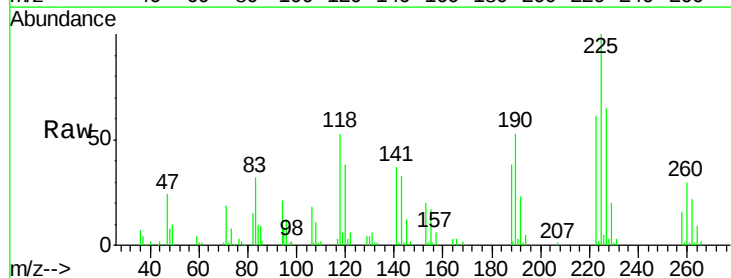
Manual Integrations
 APPROVED

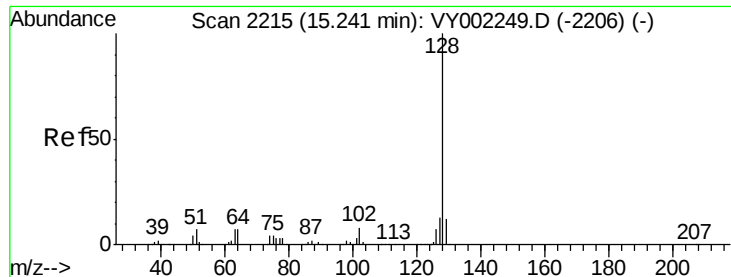
MMDadoda
 4/9/2020 11:32:07 AM



#94
 Hexachlorobutadiene
 Concen: 19.506 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002252.D
 Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.0	93.0
227	63.1	31.3	93.9





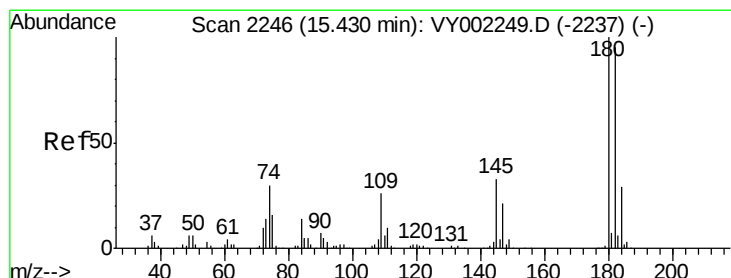
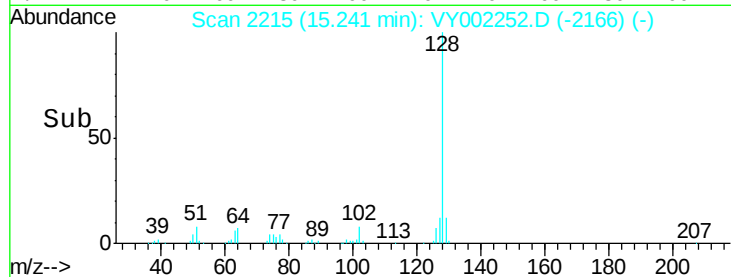
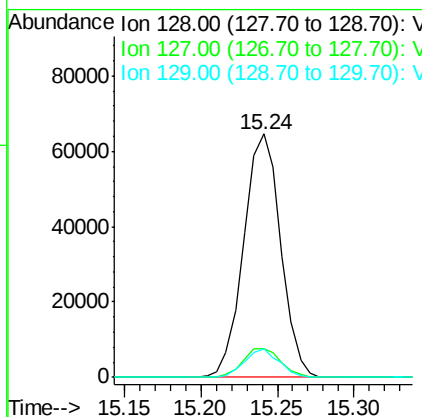
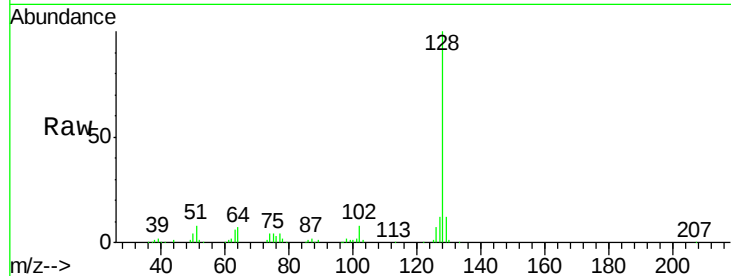
#95
Naphthalene
Concen: 20.324 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	108627		
127	12.2		10.1	15.1
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/9/2020 11:32:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.091 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002252.D
Acq: 08 Apr 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42585		
182	93.3		47.1	141.3
145	33.8		16.7	50.1

