

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000850.D
 Acq On : 03 Dec 2019 19:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 2:06:30 PM

Quant Time: Dec 04 02:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	281868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	515196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	160777	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
35) Dibromofluoromethane	7.73	113	146572	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.18	98	622012	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.48	95	219107	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	142433	46.942	ug/l	98
3) Chloromethane	2.11	50	191369	51.165	ug/l	98
4) Vinyl Chloride	2.25	62	189033	51.282	ug/l	98
5) Bromomethane	2.65	94	121504	55.504	ug/l	97
6) Chloroethane	2.79	64	120004	53.098	ug/l	97
7) Trichlorofluoromethane	3.13	101	266040	52.663	ug/l	97
8) Diethyl Ether	3.54	74	104341	54.878	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	161675	51.825	ug/l	98
10) Methyl Iodide	4.10	142	212351	54.064	ug/l	98
11) Tert butyl alcohol	4.97	59	80860	268.345	ug/l #	90
12) 1,1-Dichloroethene	3.88	96	162245	52.497	ug/l	98
13) Acrolein	3.74	56	65624	221.084	ug/l	98
14) Allyl chloride	4.49	41	298099	56.254	ug/l	98
15) Acrylonitrile	5.18	53	278808	283.976	ug/l	98
16) Acetone	3.96	43	195198	284.102	ug/l	98
17) Carbon Disulfide	4.20	76	517386	51.762	ug/l	99
18) Methyl Acetate	4.49	43	163023	56.746	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	472187	57.209	ug/l	98
20) Methylene Chloride	4.72	84	195470	53.972	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	188718	53.724	ug/l	99
22) Diisopropyl ether	6.13	45	638599	58.633	ug/l	98
23) Vinyl Acetate	6.07	43	1954166	295.132	ug/l	99
24) 1,1-Dichloroethane	6.03	63	337573	56.234	ug/l	98
25) 2-Butanone	7.00	43	356734	281.070	ug/l	97
26) 2,2-Dichloropropane	6.99	77	262289	51.914	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	216274	56.958	ug/l	98
28) Bromochloromethane	7.35	49	135075	60.912	ug/l	94
29) Tetrahydrofuran	7.36	42	249473	296.625	ug/l	98
30) Chloroform	7.52	83	325950	54.127	ug/l	98
31) Cyclohexane	7.79	56	325498	51.185	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	276880	55.681	ug/l	99
36) 1,1-Dichloropropene	7.93	75	261217	50.993	ug/l	98
37) Ethyl Acetate	7.09	43	160482	54.256	ug/l	99
38) Carbon Tetrachloride	7.91	117	236179	51.771	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	339837	50.073	ug/l	96
40) Benzene	8.17	78	794996	53.280	ug/l	98
41) Methacrylonitrile	7.33	41	84810m	54.402	ug/l	
42) 1,2-Dichloroethane	8.25	62	217820	55.508	ug/l	98
43) Isopropyl Acetate	8.28	43	301085	54.016	ug/l	98
44) Trichloroethene	8.95	130	204118	53.229	ug/l	90
45) 1,2-Dichloropropane	9.22	63	206804	55.178	ug/l	96
46) Dibromomethane	9.31	93	106707	54.490	ug/l	99
47) Bromodichloromethane	9.50	83	253212	55.042	ug/l	99
48) Methyl methacrylate	9.30	41	135250	55.180	ug/l	95
49) 1,4-Dioxane	9.30	88	30468	1098.053	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	814702	282.886	ug/l	98
52) Toluene	10.25	92	492422	53.301	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	279938	56.640	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	320853	54.922	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	157621	54.479	ug/l	94
56) Ethyl methacrylate	10.51	69	241771	58.415	ug/l	99
57) 1,3-Dichloropropane	10.79	76	280258	55.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	410257	245.834	ug/l	100
59) 2-Hexanone	10.83	43	564140	268.822	ug/l	100
60) Dibromochloromethane	10.99	129	175281	56.277	ug/l	99
61) 1,2-Dibromoethane	11.09	107	151255	55.472	ug/l	100
64) Tetrachloroethene	10.72	164	214251	52.169	ug/l	98
65) Chlorobenzene	11.52	112	518264	52.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	183059	55.284	ug/l	99
67) Ethyl Benzene	11.59	91	951088	51.975	ug/l	99
68) m/p-Xylenes	11.70	106	711360	103.570	ug/l	100
69) o-Xylene	12.03	106	344222	53.750	ug/l	99
70) Styrene	12.04	104	597681	54.505	ug/l	99
71) Bromoform	12.20	173	100856	54.005	ug/l #	99
73) Isopropylbenzene	12.33	105	903351	52.172	ug/l	100
74) N-amyl acetate	12.14	43	266680	55.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	182453	53.480	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	133392m	54.141	ug/l	
77) Bromobenzene	12.61	156	204070	54.372	ug/l	99
78) n-propylbenzene	12.67	91	1100083	52.034	ug/l	99
79) 2-Chlorotoluene	12.75	91	614202	52.587	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	747598	52.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	69302	55.251	ug/l	97
82) 4-Chlorotoluene	12.85	91	640658	53.241	ug/l	99
83) tert-Butylbenzene	13.07	119	634446	52.638	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	758443	52.879	ug/l	99
85) sec-Butylbenzene	13.25	105	916620	52.290	ug/l	100
86) p-Isopropyltoluene	13.37	119	798722	52.386	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	387986	52.696	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	396489	54.387	ug/l	99
89) n-Butylbenzene	13.69	91	804123	52.164	ug/l	100
90) Hexachloroethane	13.96	117	152806	54.406	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	359602	54.298	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31582	55.294	ug/l	96

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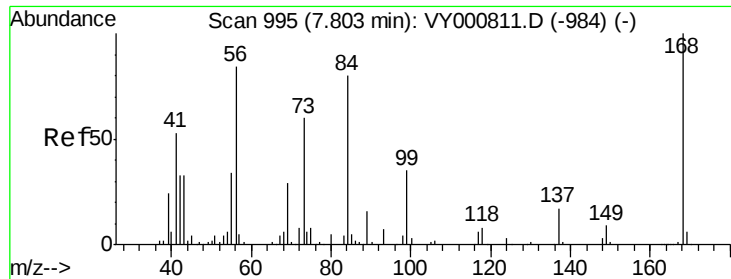
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	237866	53.078	ug/l	99
94) Hexachlorobutadiene	15.11	225	114147	51.374	ug/l	99
95) Naphthalene	15.23	128	572382	55.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218080	54.481	ug/l	98

(#) = 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: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 281868

Ion Ratio Lower Upper

168 100

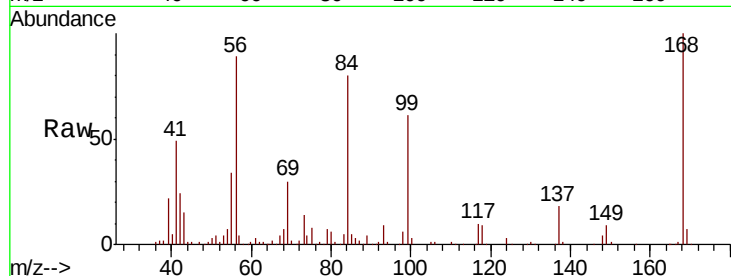
99 61.2 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

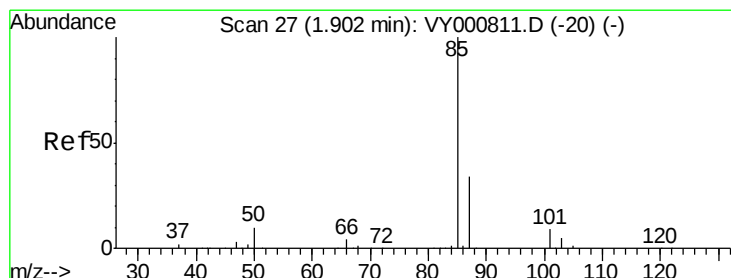
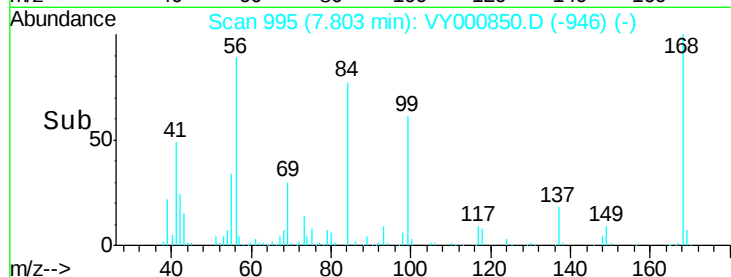
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.942 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000850.D

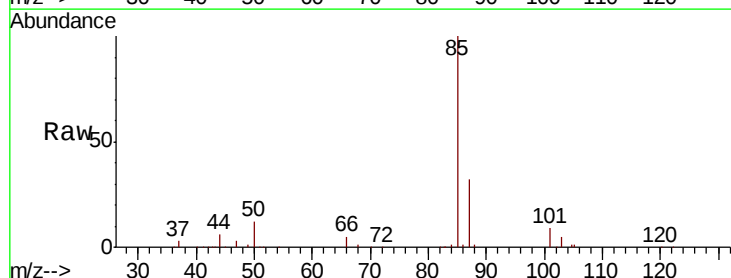
Acq: 03 Dec 2019 19:38

Tgt Ion: 85 Resp: 142433

Ion Ratio Lower Upper

85 100

87 32.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

100000

80000

60000

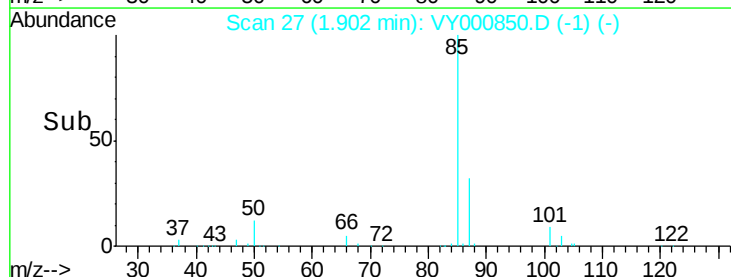
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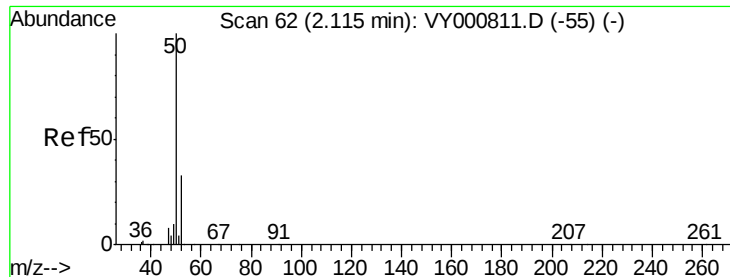
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 51.165 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 191369

Ion Ratio Lower Upper

50 100

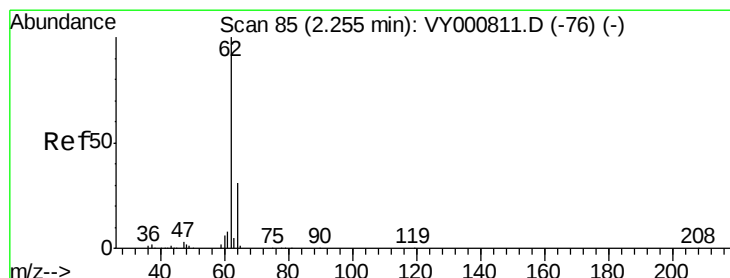
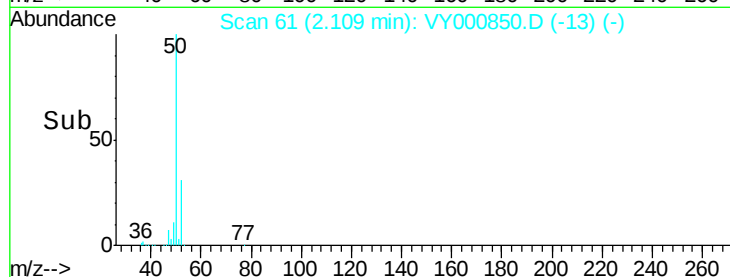
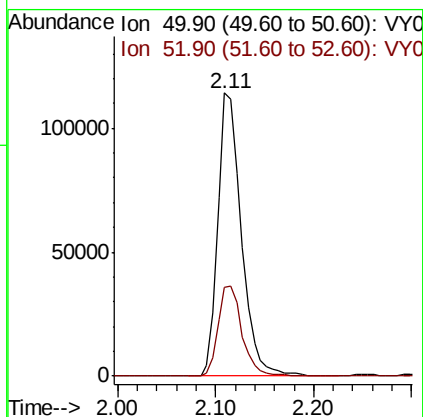
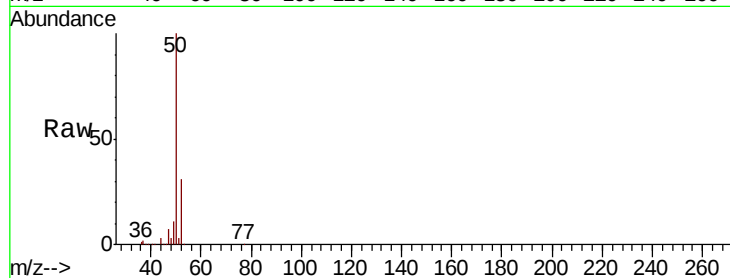
52 31.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.282 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000850.D

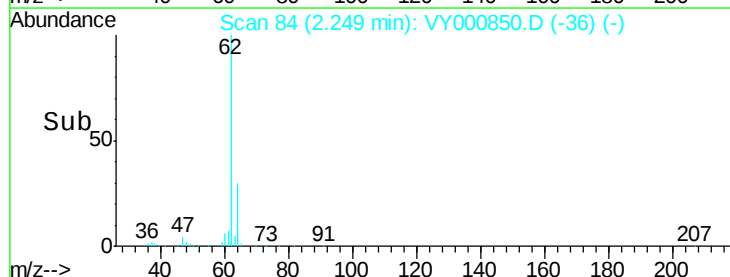
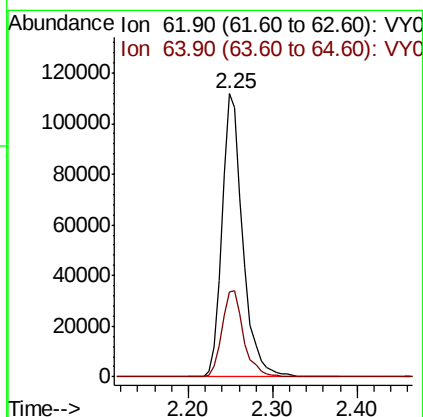
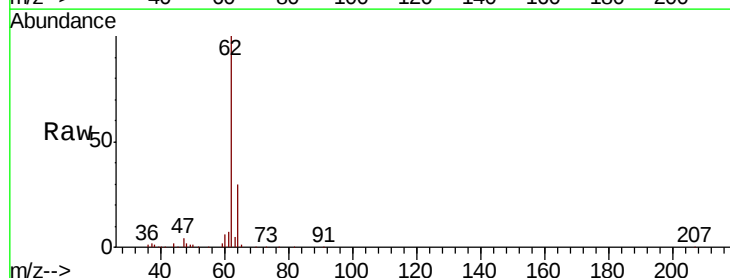
Acq: 03 Dec 2019 19:38

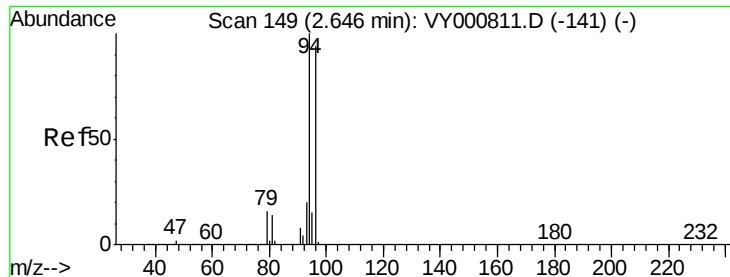
Tgt Ion: 62 Resp: 189033

Ion Ratio Lower Upper

62 100

64 30.1 25.1 37.7





#5

Bromomethane

Concen: 55.504 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 121504

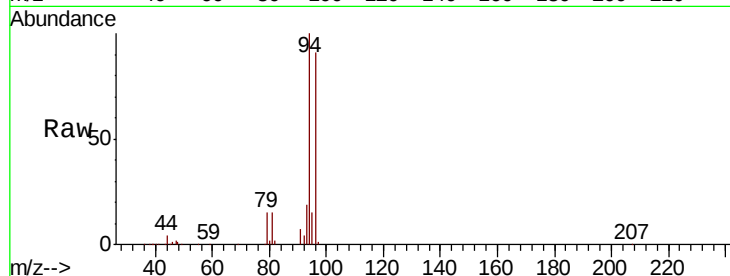
Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8

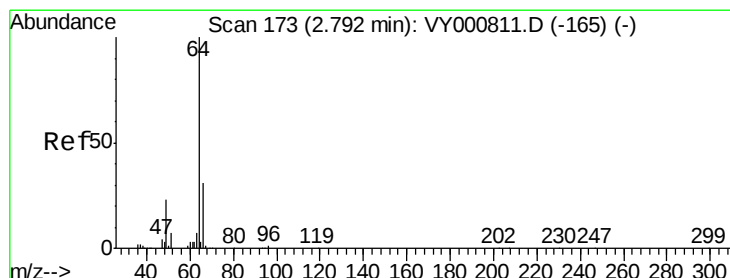
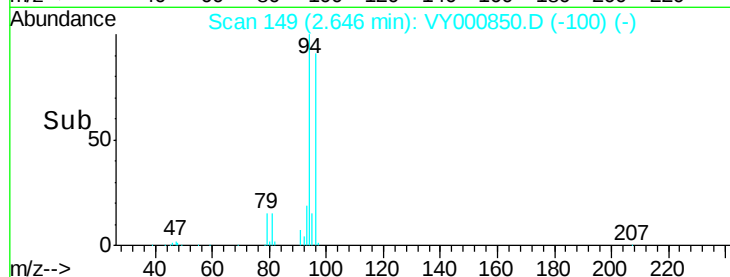
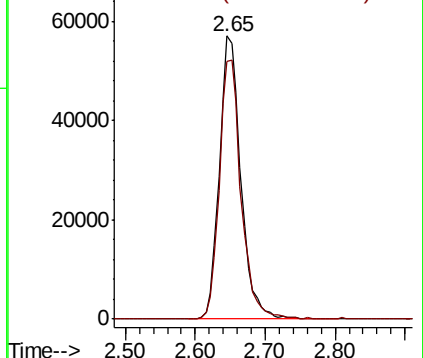
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.098 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000850.D

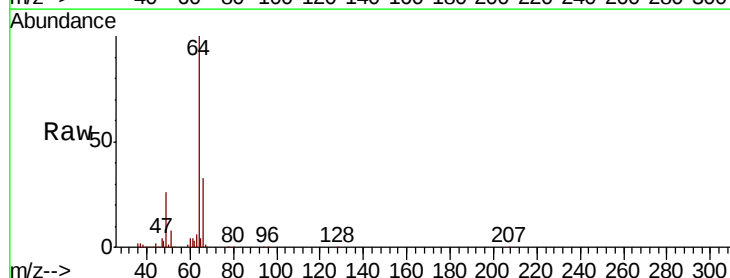
Acq: 03 Dec 2019 19:38

Tgt Ion: 64 Resp: 120004

Ion Ratio Lower Upper

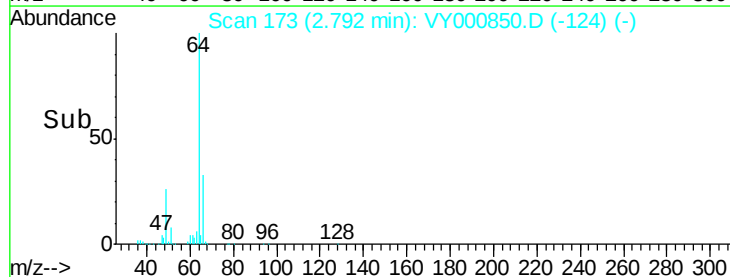
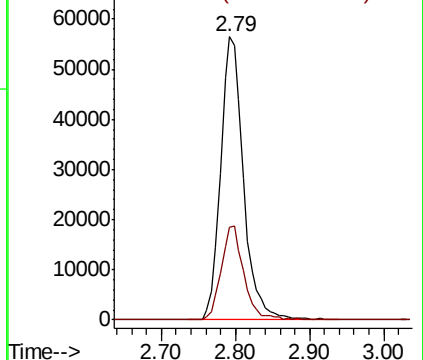
64 100

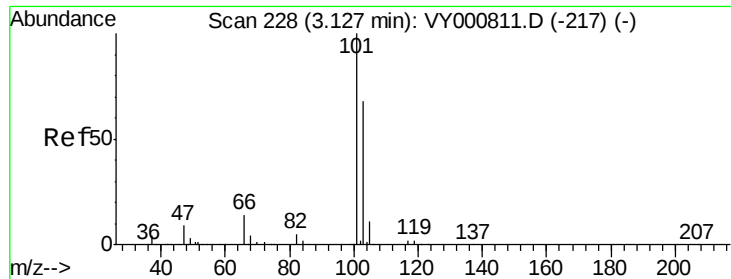
66 33.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

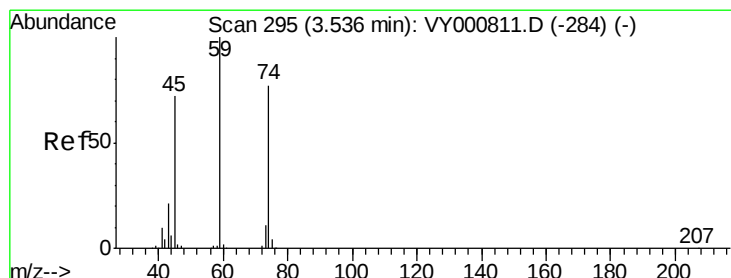
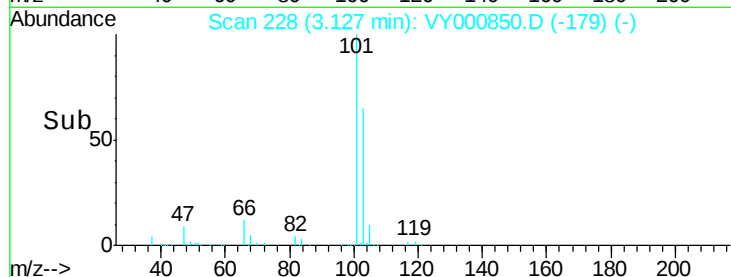
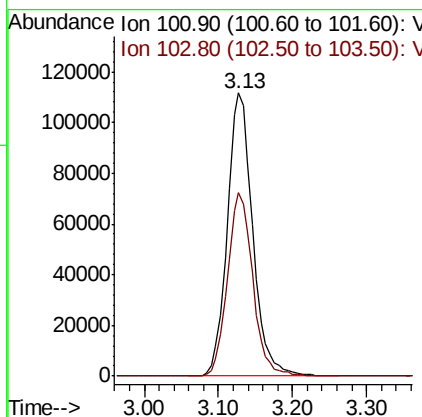
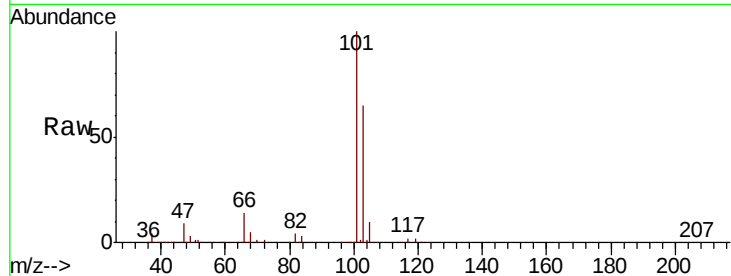
Trichlorofluoromethane
 Concen: 52.663 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	54.2	81.2

Manual Integrations
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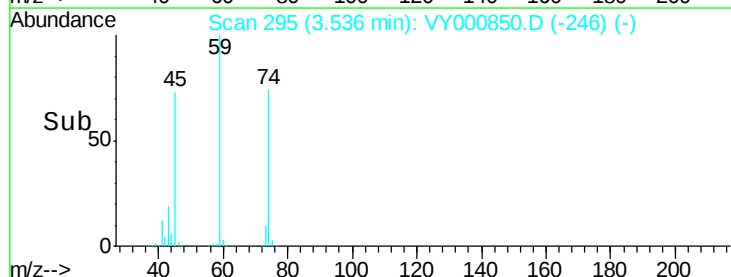
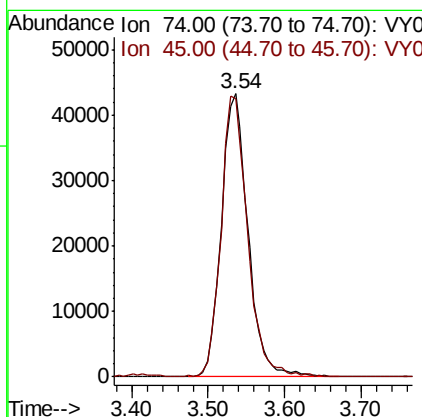
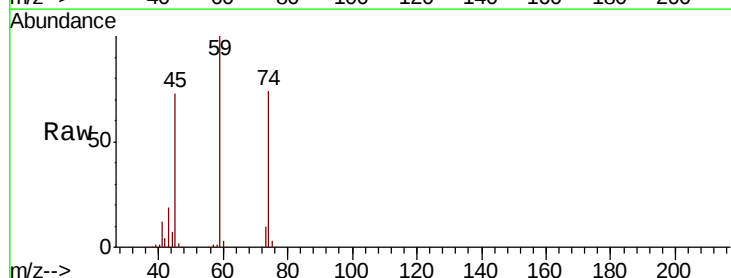
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 12/4/2019 2:06:30 PM

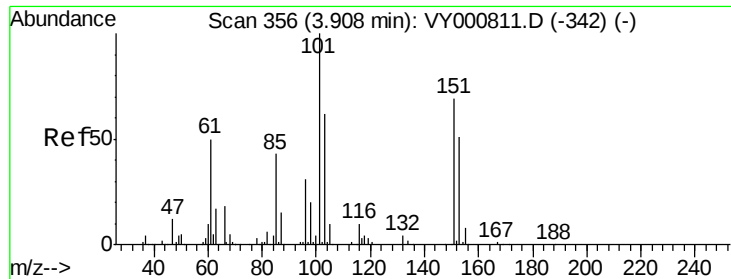


#8

Diethyl Ether
 Concen: 54.878 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.825 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

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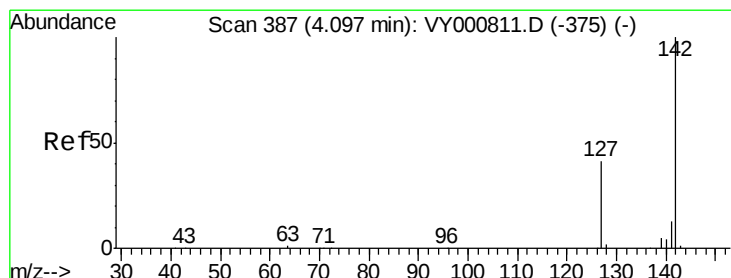
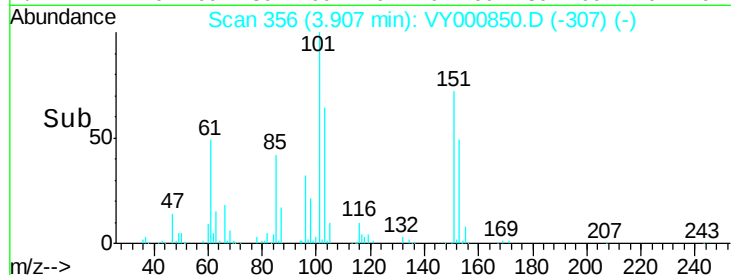
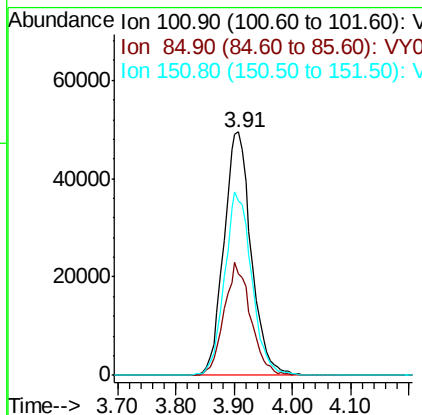
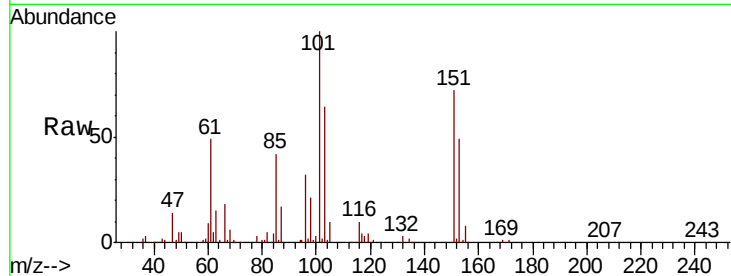
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	161675
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	74.6	58.2	87.2

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#10

Methyl Iodide

Concen: 54.064 ug/l

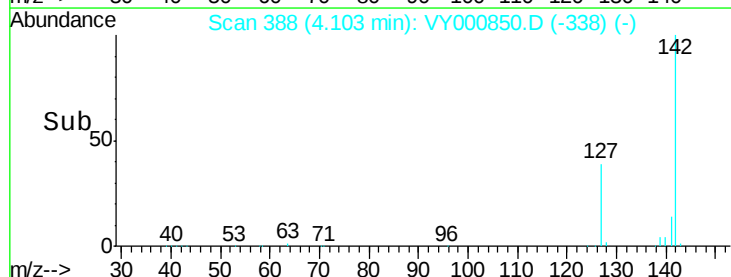
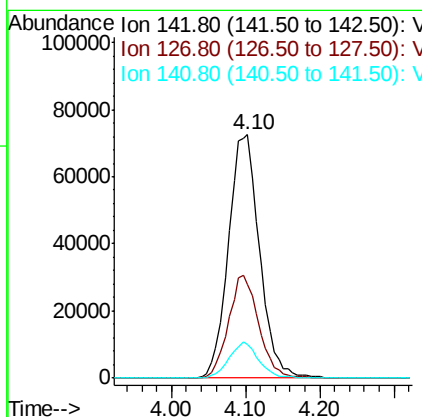
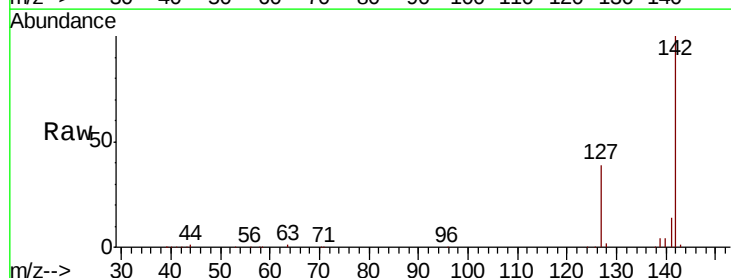
RT: 4.10 min Scan# 388

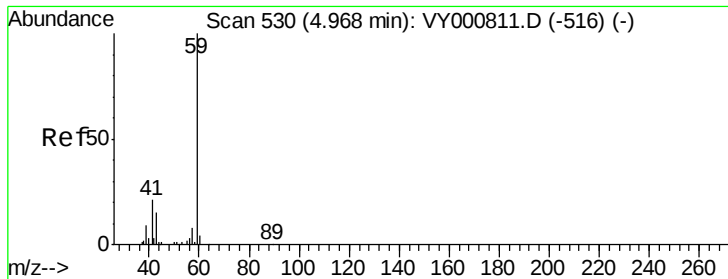
Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion:	142	Resp:	212351
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.8	50.8
141	14.0	10.9	16.3





#11

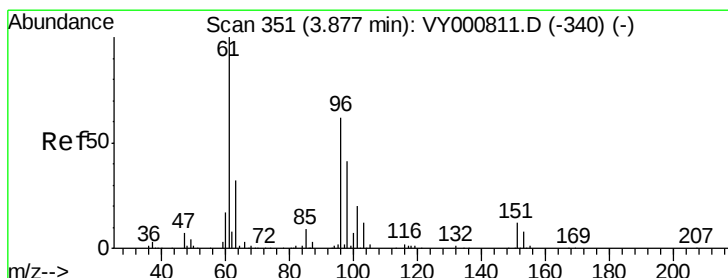
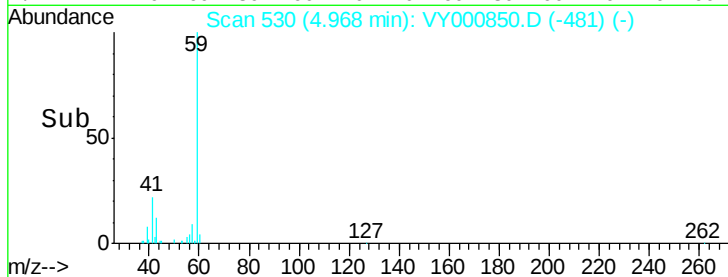
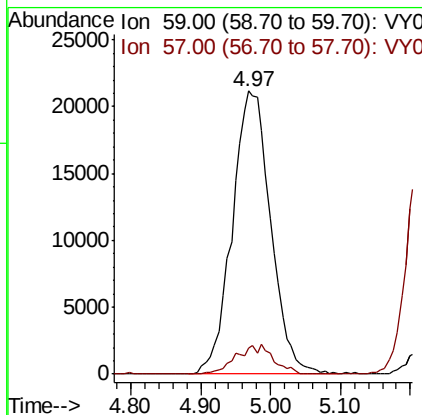
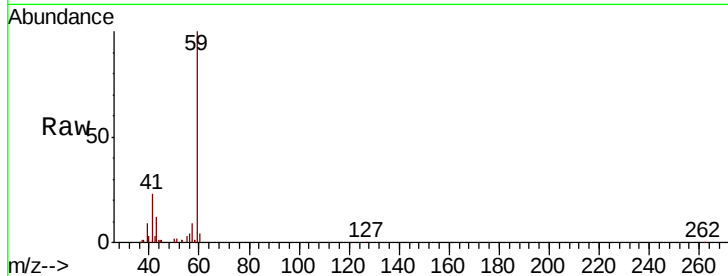
Tert butyl alcohol
Concen: 268.345 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.9	7.8	11.6#

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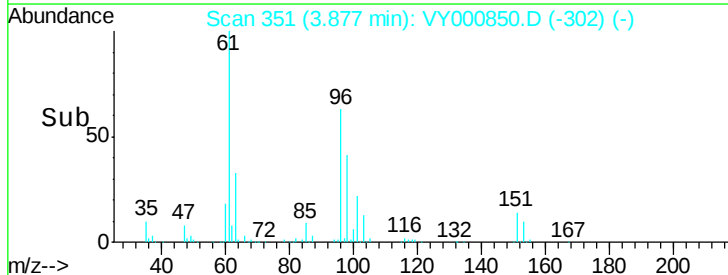
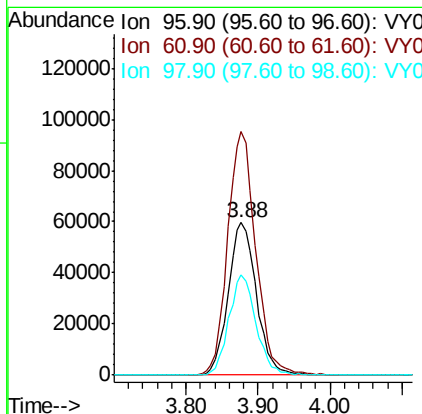
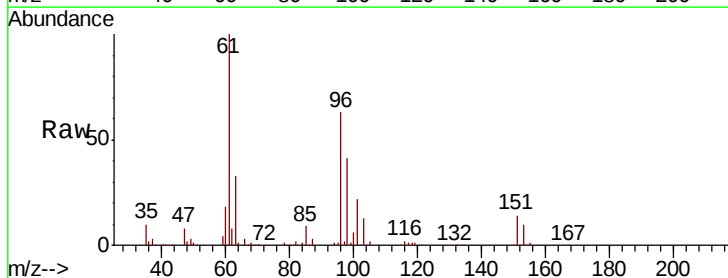
MMDadoda
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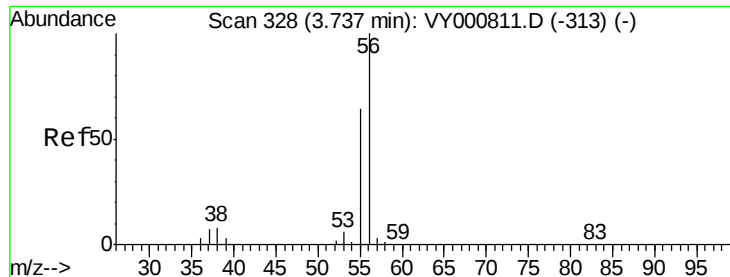


#12

1,1-Dichloroethene
Concen: 52.497 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	129.4	194.2
98	65.4	53.4	80.0





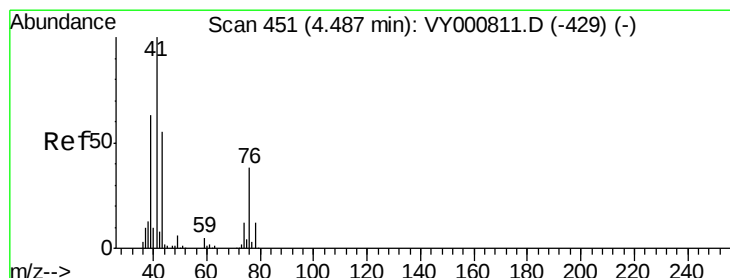
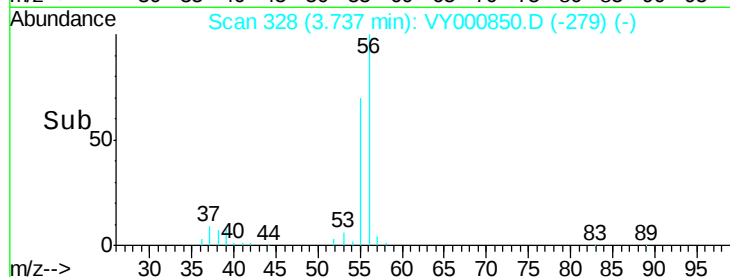
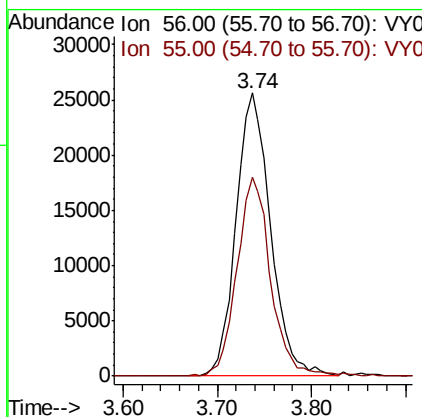
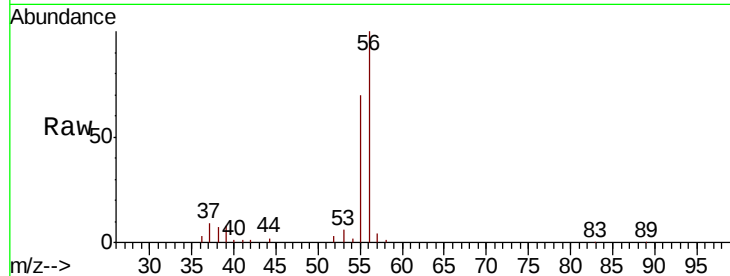
#13
Acrolein
Concen: 221.084 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	65624
Ion Ratio	100	Lower	Upper
56	100		
55	68.2	55.7	83.5

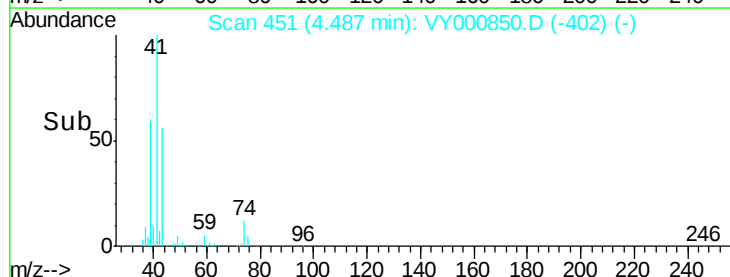
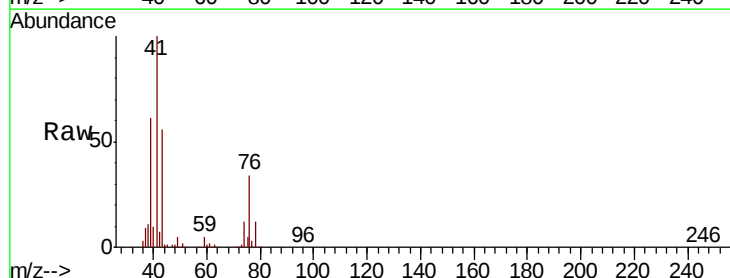
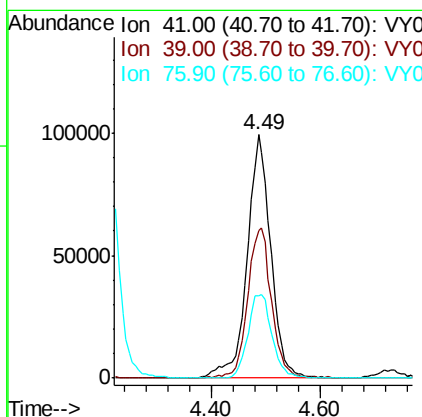
Manual Integrations
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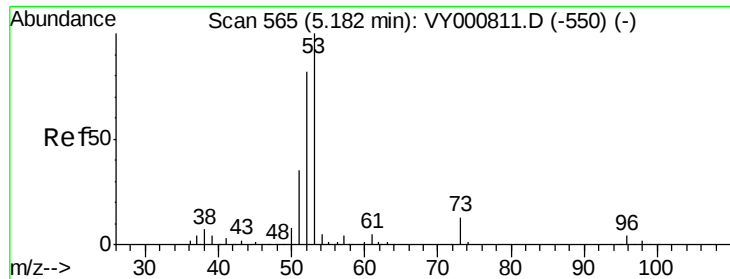
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#14
Allyl chloride
Concen: 56.254 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	41	Resp	298099
Ion Ratio	100	Lower	Upper
41	100		
39	62.5	49.2	73.8
76	35.2	29.2	43.8





#15

Acrylonitrile

Concen: 283.976 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

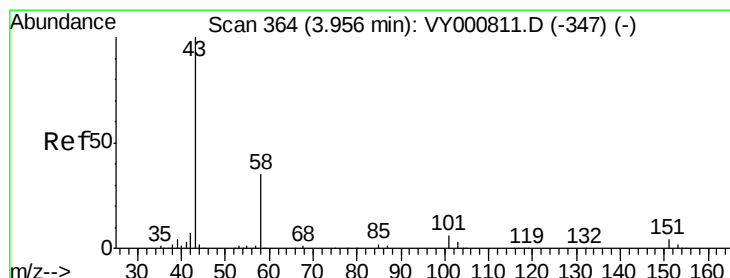
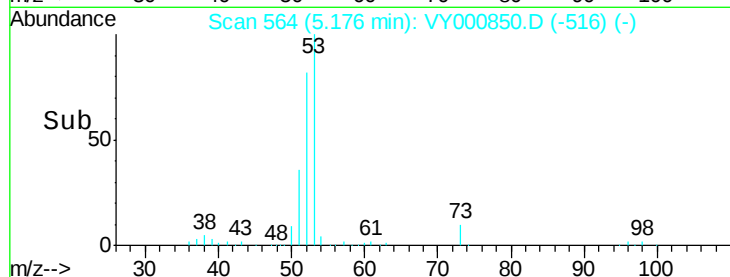
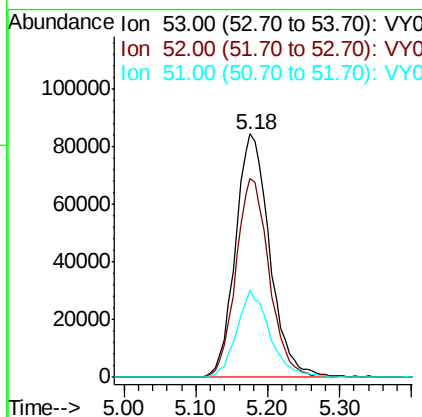
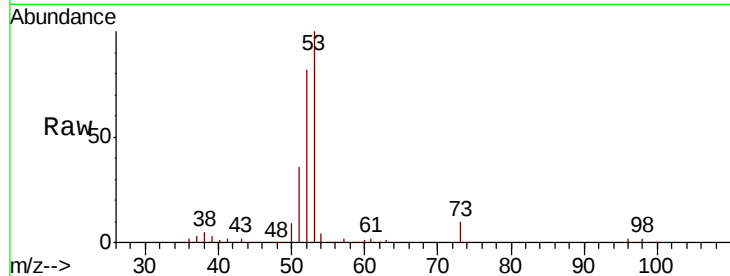
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	278808
Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.1	97.7
51	34.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 284.102 ug/l

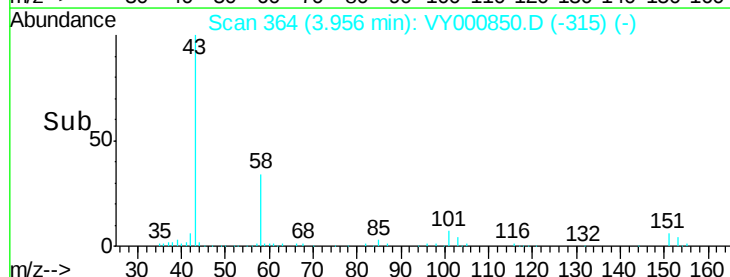
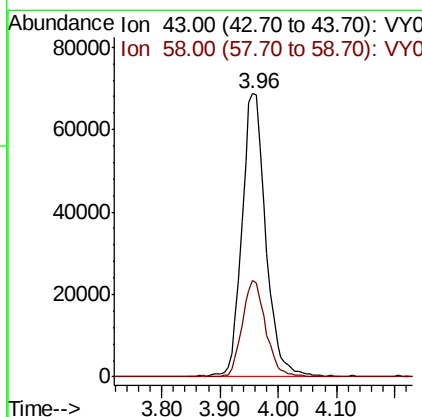
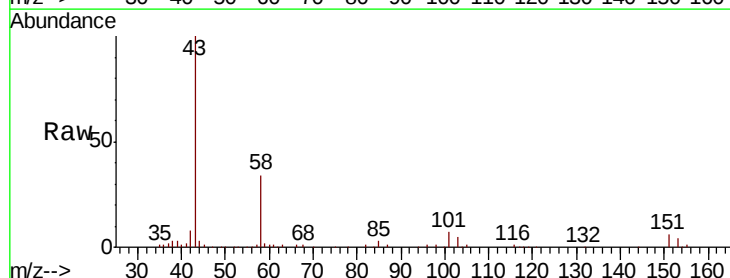
RT: 3.96 min Scan# 364

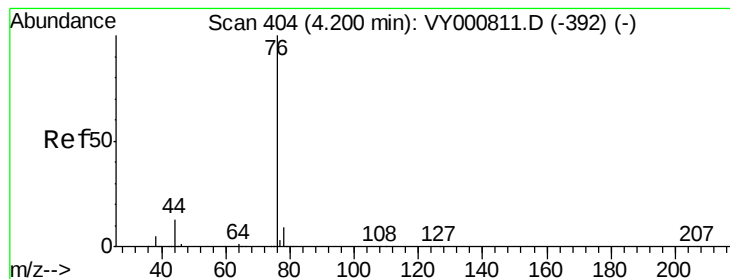
Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion:	43	Resp:	195198
Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.0	42.0





#17

Carbon Disulfide

Concen: 51.762 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 517386

Ion Ratio Lower Upper

76 100

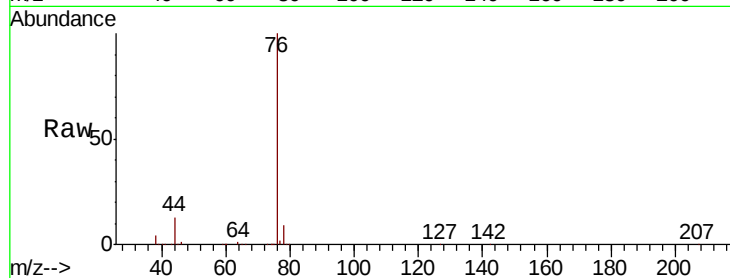
78 9.3 7.3 10.9

Manual Integrations

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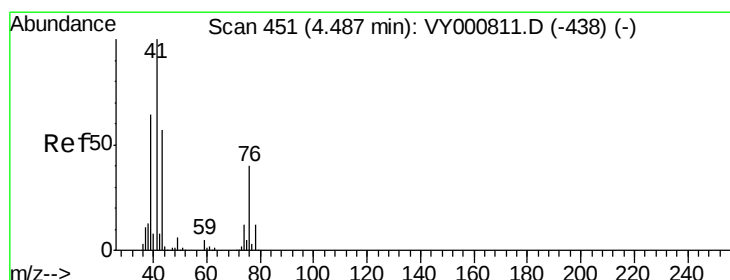
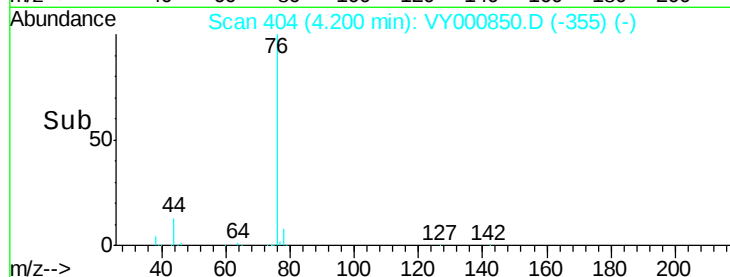
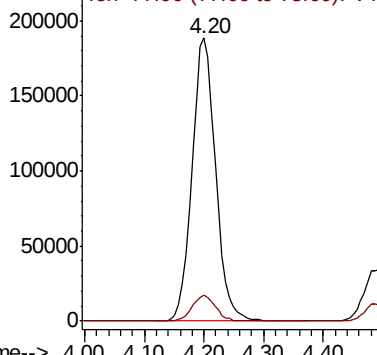
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 56.746 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000850.D

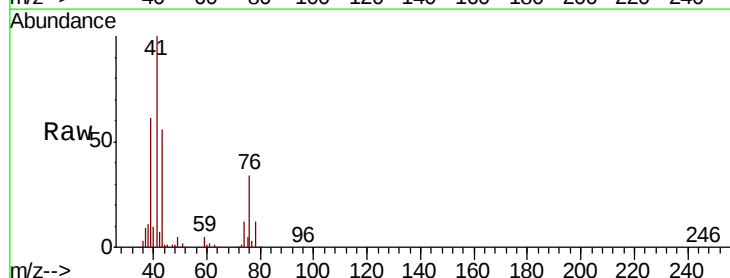
Acq: 03 Dec 2019 19:38

Tgt Ion: 43 Resp: 163023

Ion Ratio Lower Upper

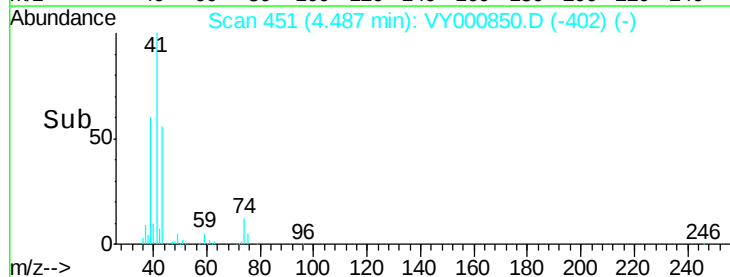
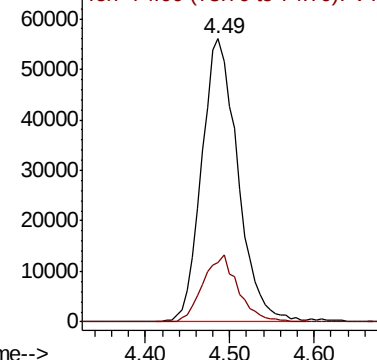
43 100

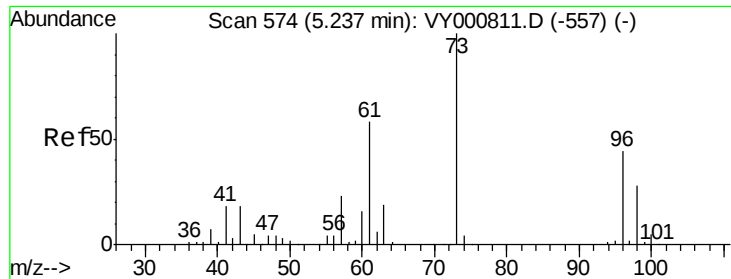
74 22.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





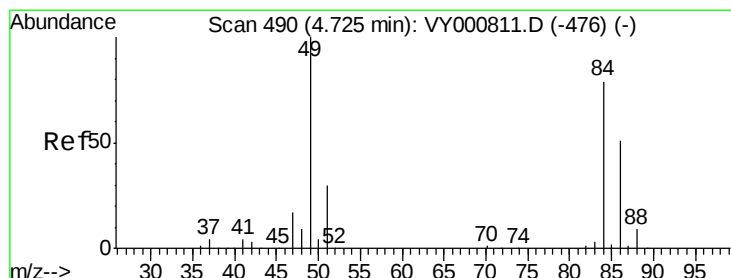
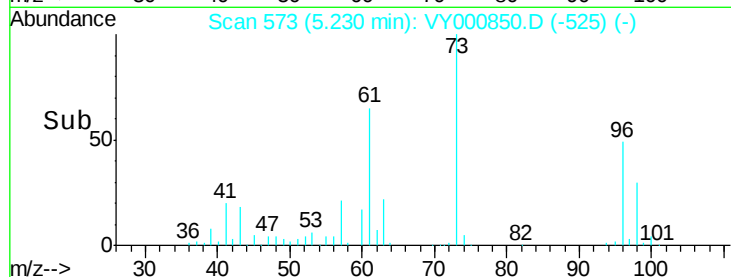
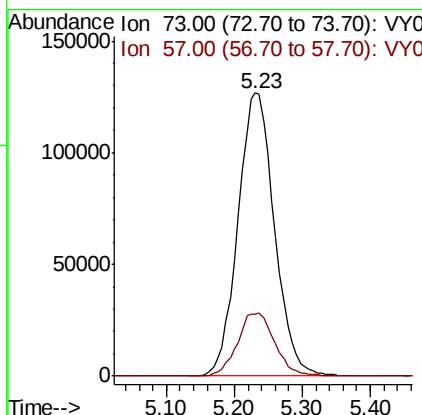
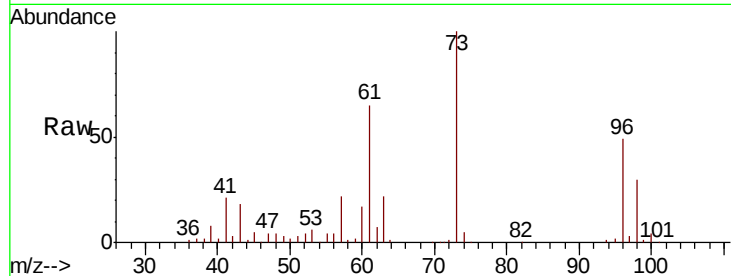
#19
Methyl tert-butyl Ether
Concen: 57.209 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 472187
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4

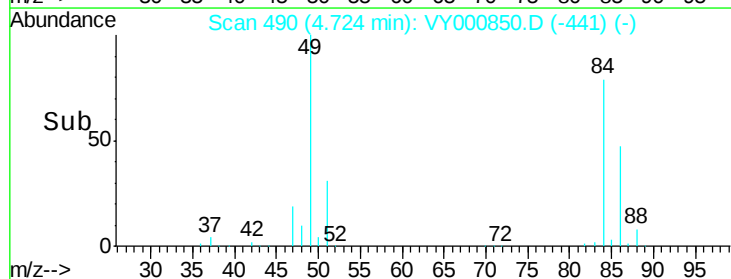
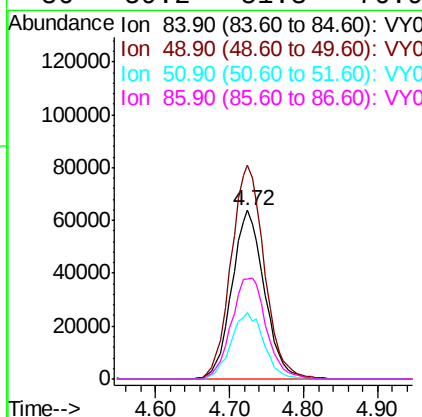
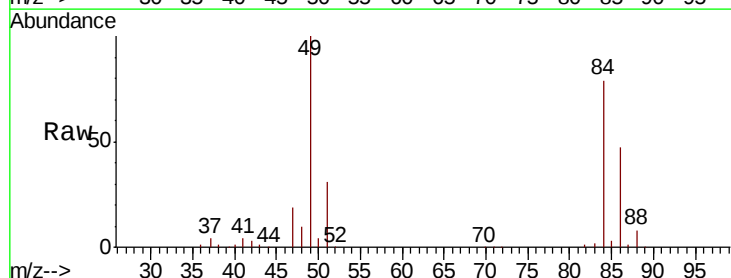
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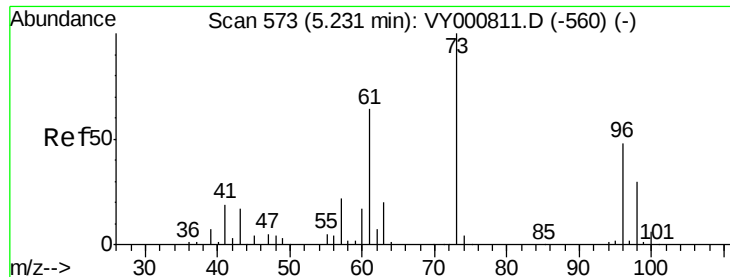
MMDadoda
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#20
Methylene Chloride
Concen: 53.972 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 84 Resp: 195470
Ion Ratio Lower Upper
84 100
49 126.4 101.3 151.9
51 39.5 30.6 45.8
86 59.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.724 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 188718

Ion Ratio Lower Upper

96 100

61 131.8 105.9 158.9

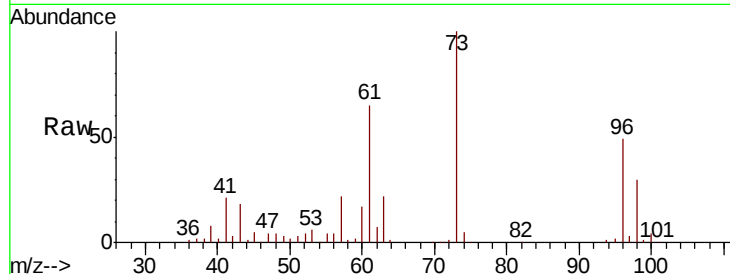
98 60.3 49.4 74.2

Manual Integrations

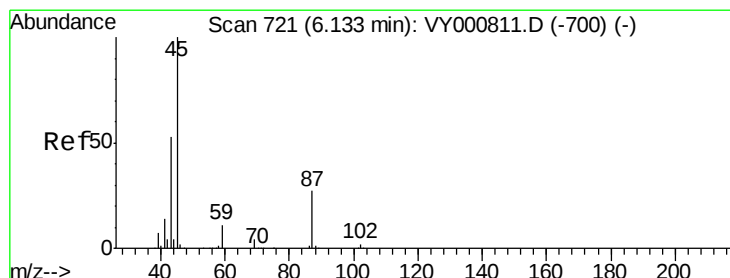
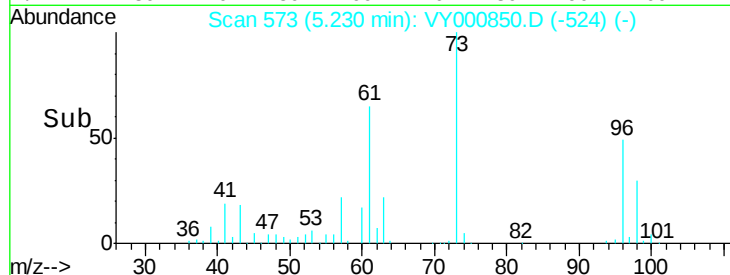
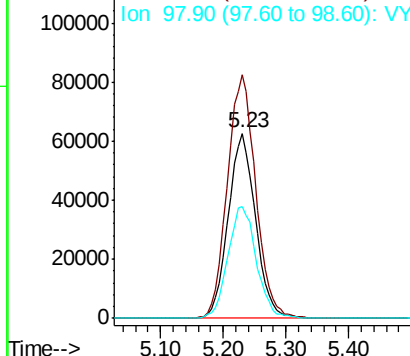
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 58.633 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion: 45 Resp: 638599

Ion Ratio Lower Upper

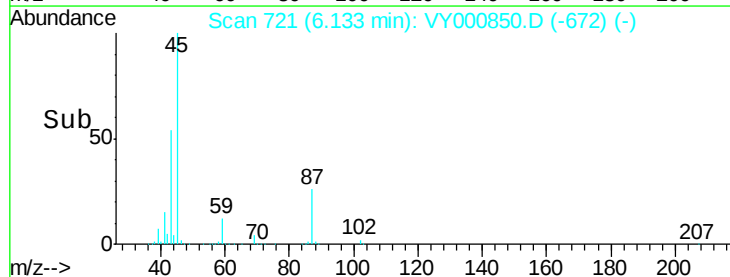
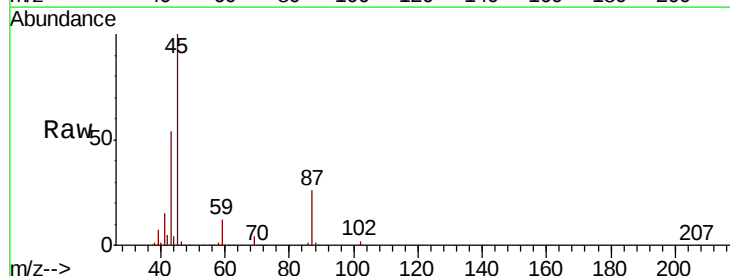
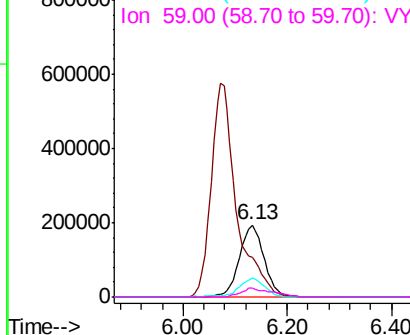
45 100

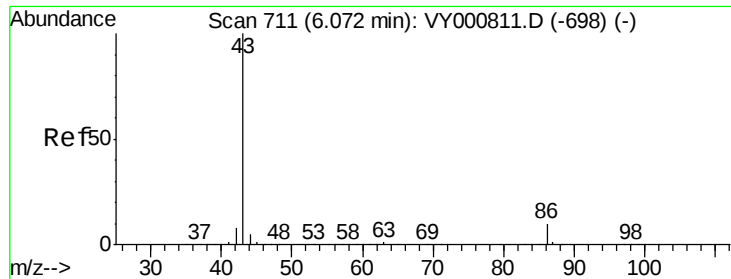
43 54.2 42.7 64.1

87 26.2 22.0 33.0

59 11.6 8.9 13.3

Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 295.132 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1954166

Ion Ratio Lower Upper

43 100

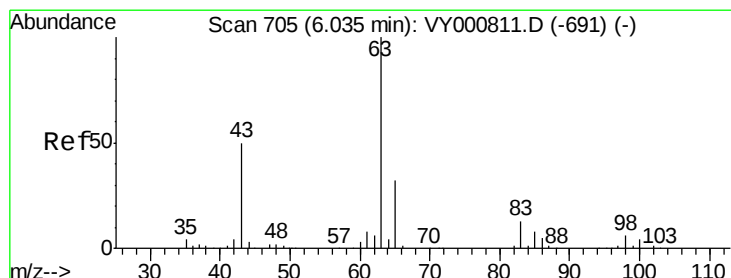
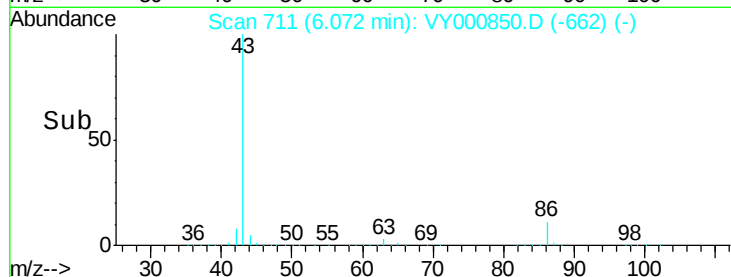
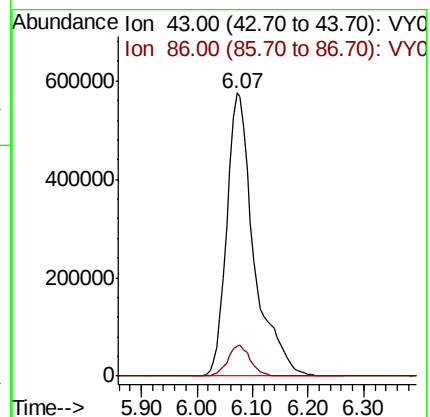
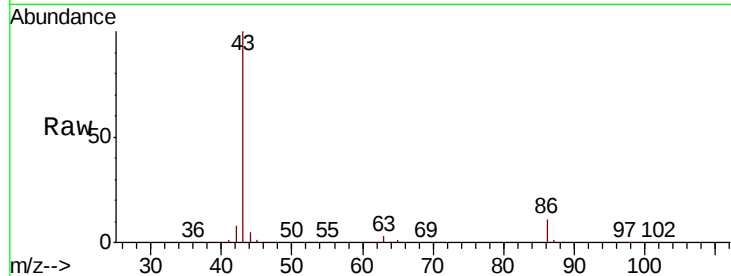
86 10.6 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.234 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

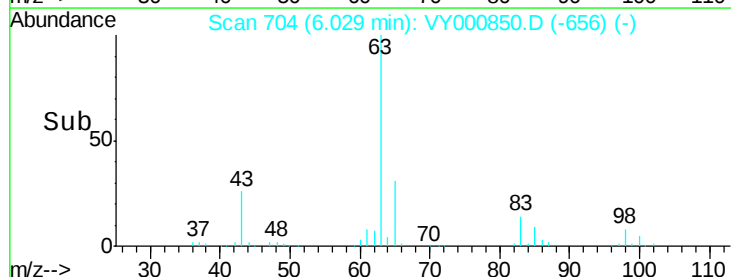
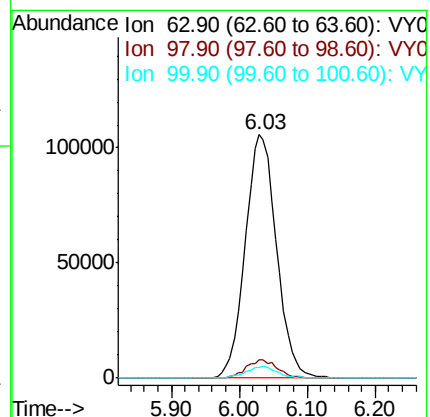
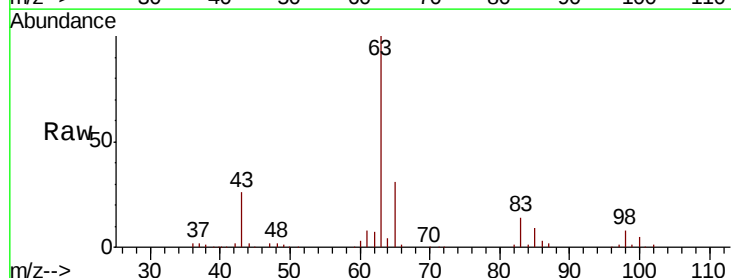
Tgt Ion: 63 Resp: 337573

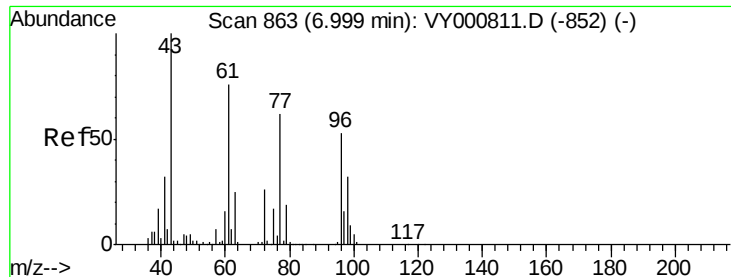
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 281.070 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 356734

Ion Ratio Lower Upper

43 100

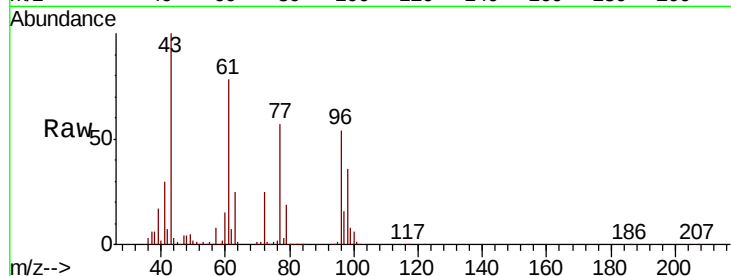
72 24.9 21.0 31.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

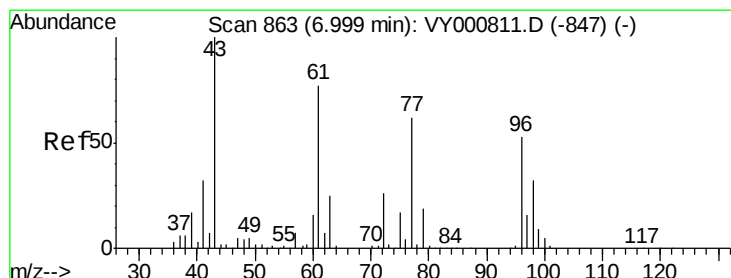
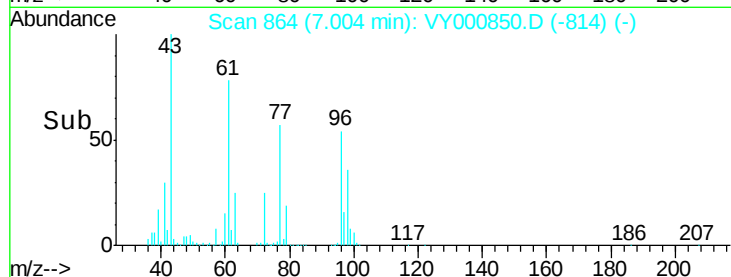
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 51.914 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000850.D

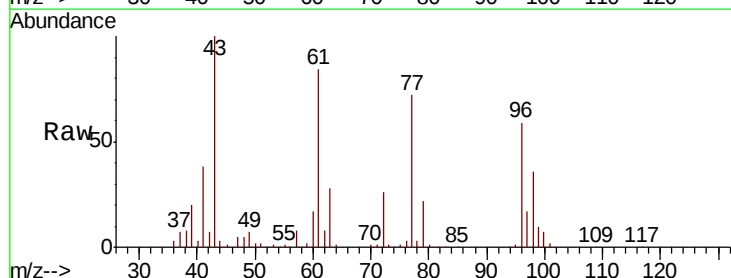
Acq: 03 Dec 2019 19:38

Tgt Ion: 77 Resp: 262289

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

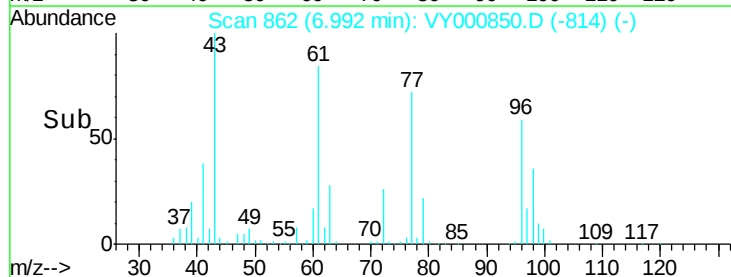
40000

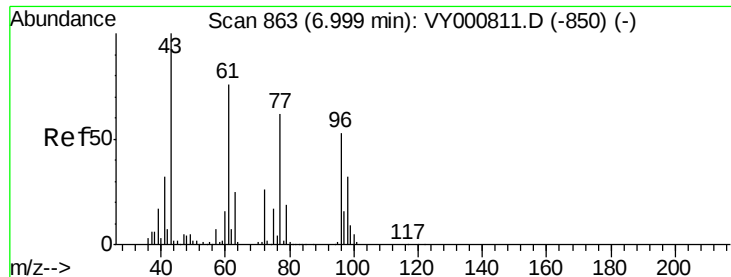
20000

0

6.90 7.00 7.10

Time-->





#27

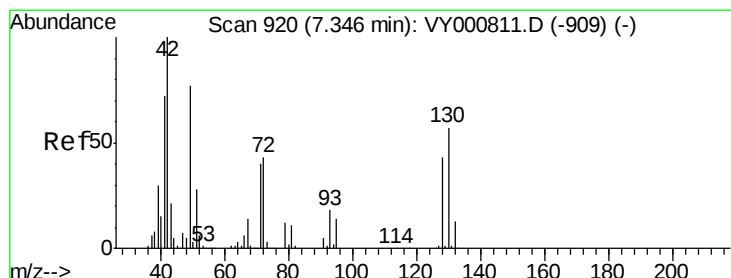
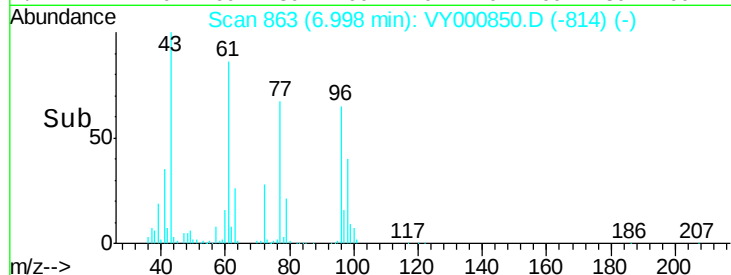
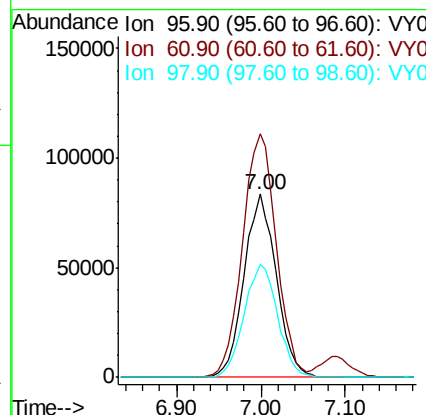
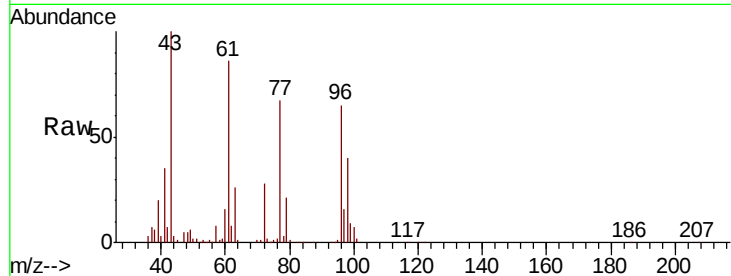
cis-1,2-Dichloroethene
Concen: 56.958 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	285.0
98	64.0	0.0	128.0

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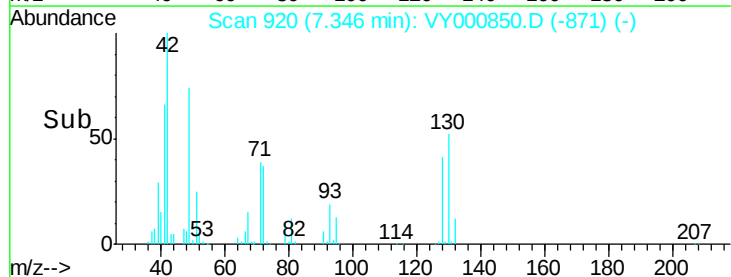
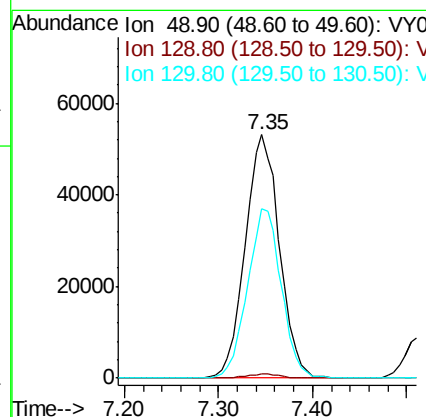
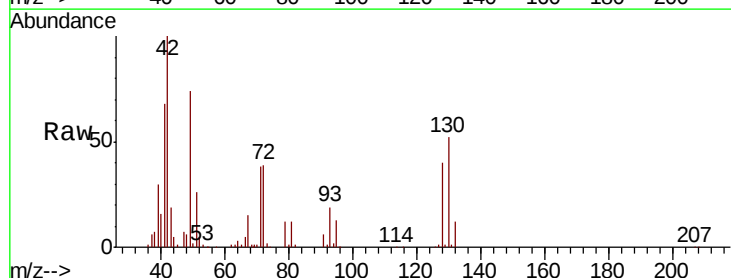
MMDadoda
12/4/2019 2:06:30 PM

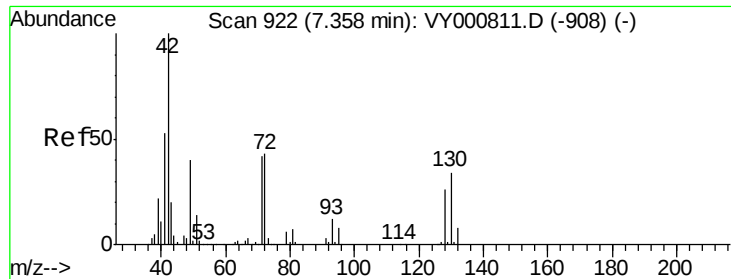


#28

Bromochloromethane
Concen: 60.912 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	68.5	58.7	88.1





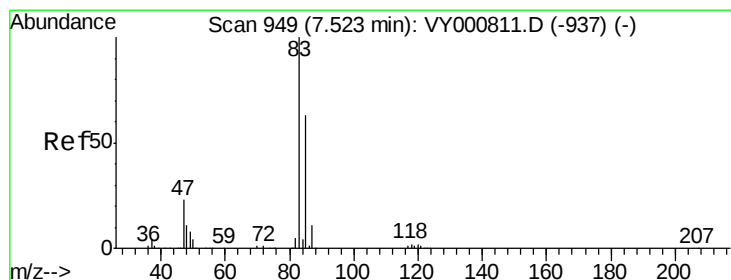
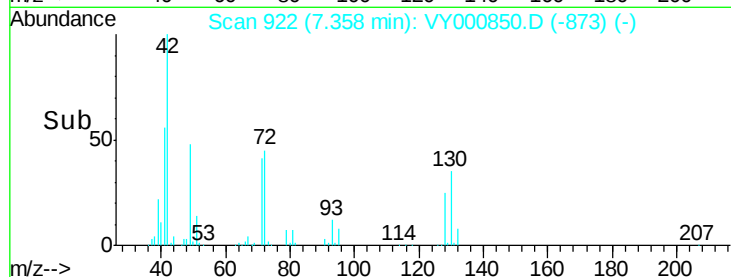
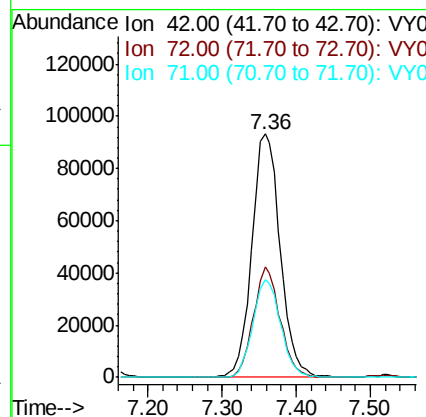
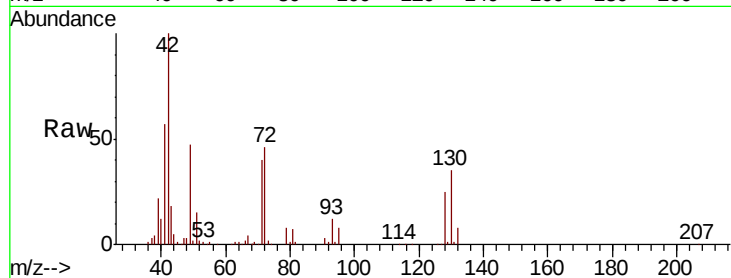
#29
Tetrahydrofuran
Concen: 296.625 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	35.1	52.7
71	39.5	32.8	49.2

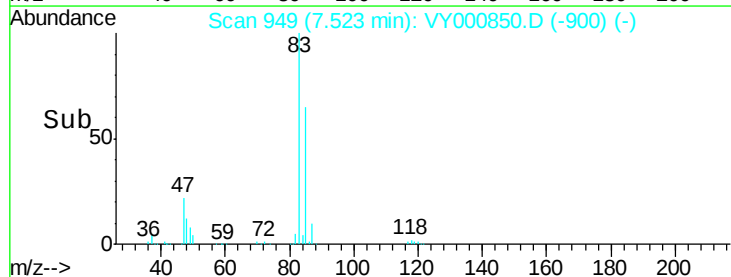
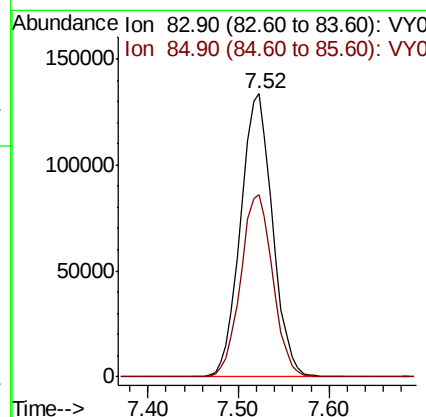
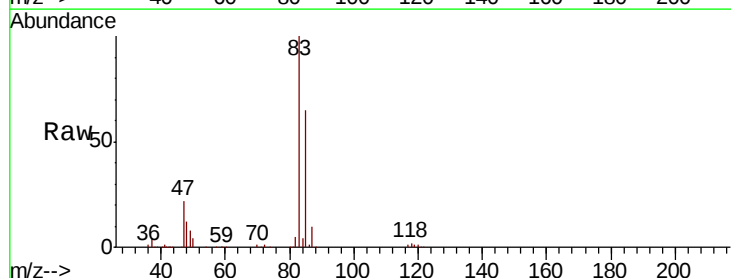
Manual Integrations
APPROVED

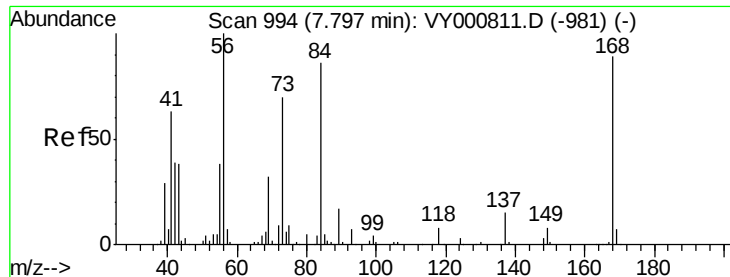
MMDadoda
12/4/2019 2:06:30 PM



#30
Chloroform
Concen: 54.127 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.4	75.6





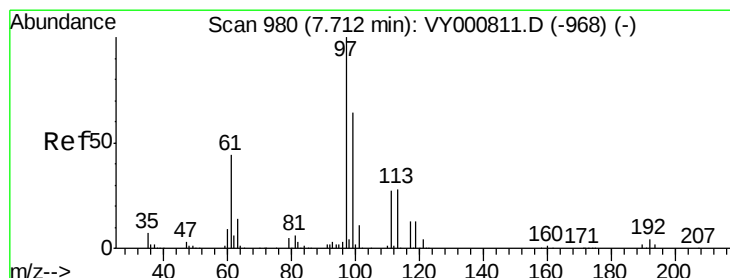
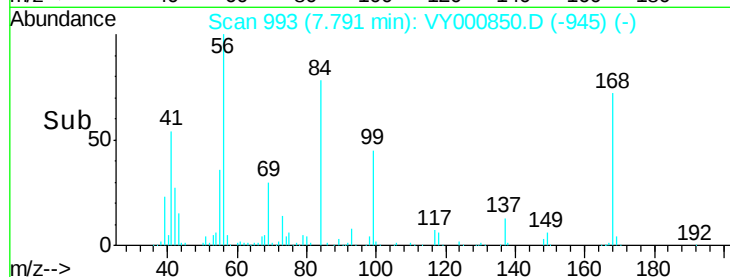
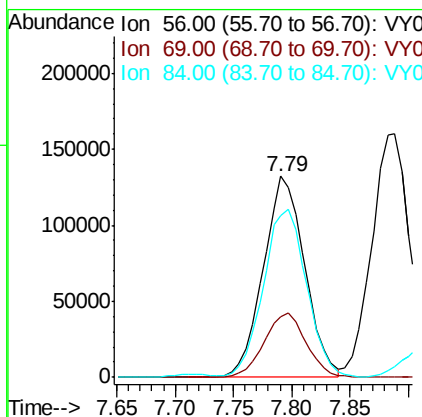
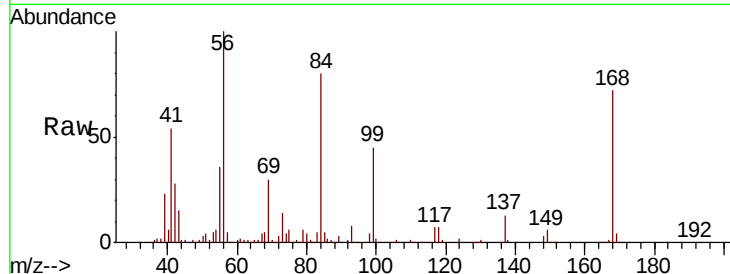
#31
Cyclohexane
Concen: 51.185 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.9	38.9
84	78.8	68.6	102.8

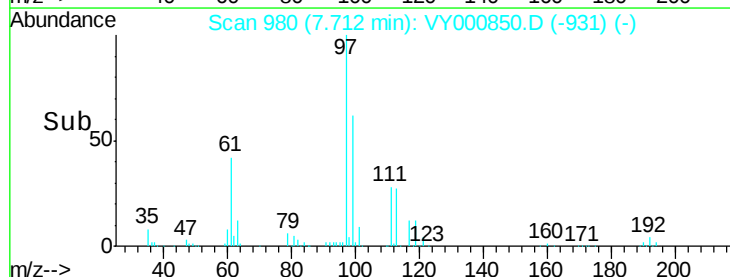
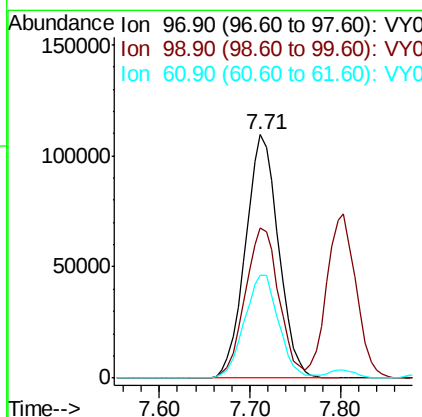
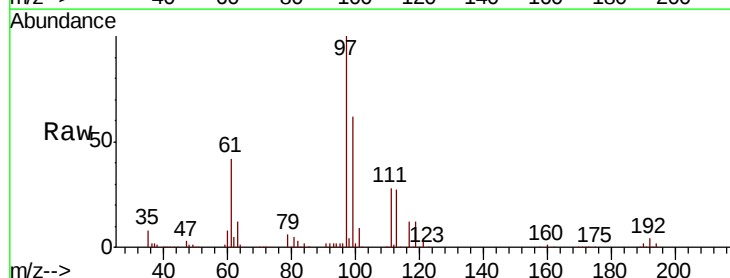
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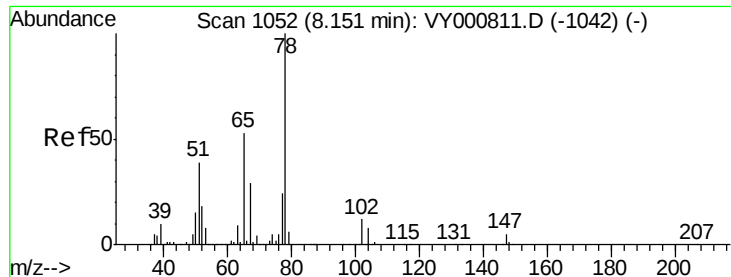
MMDadoda
12/4/2019 2:06:30 PM



#32
1,1,1-Trichloroethane
Concen: 55.681 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	43.4	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 53.680 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 160777

Ion Ratio Lower Upper

65 100

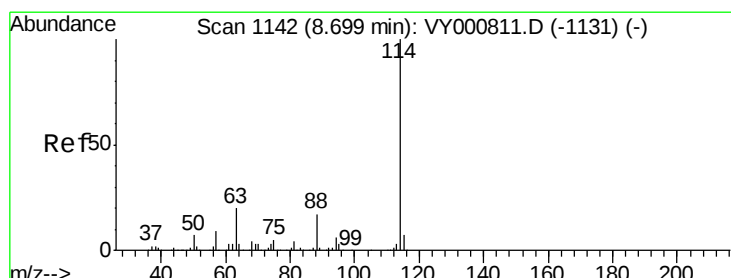
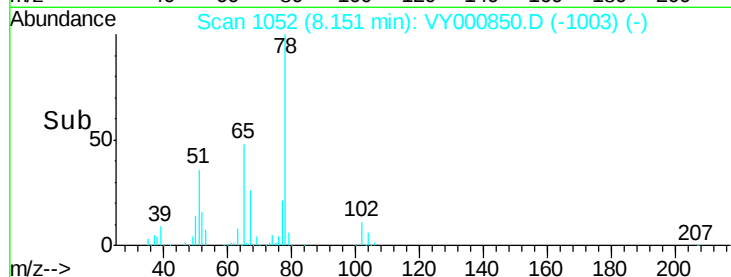
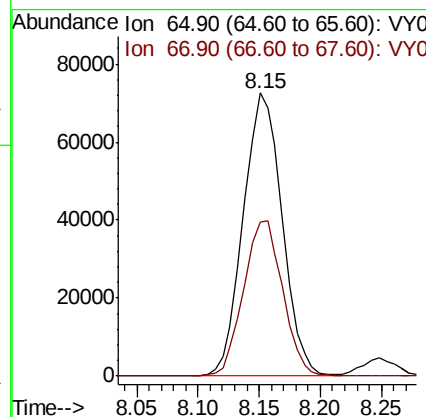
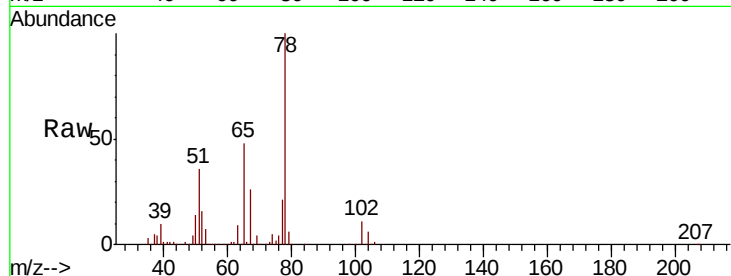
67 55.2 0.0 112.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

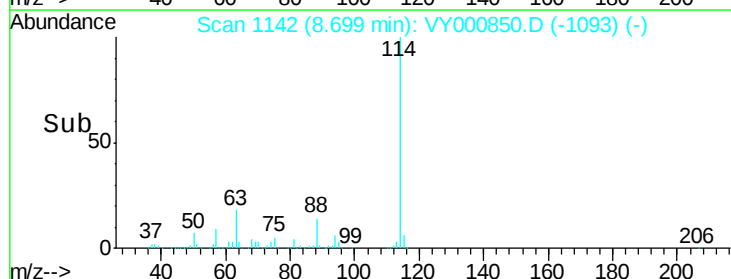
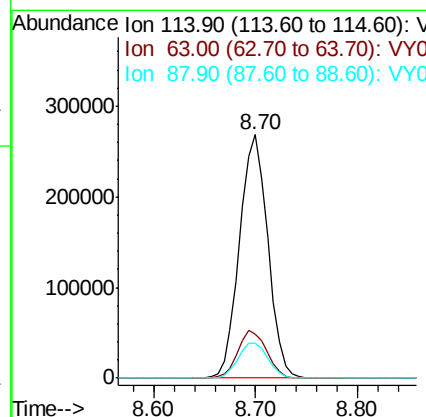
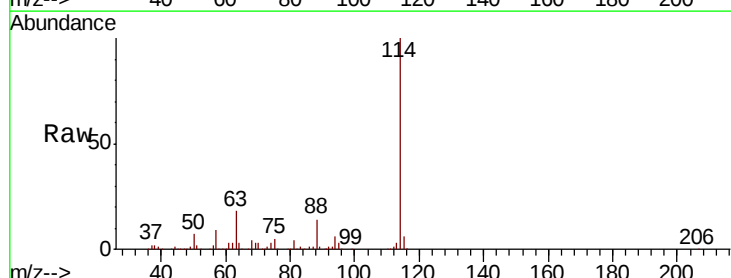
Tgt Ion: 114 Resp: 515196

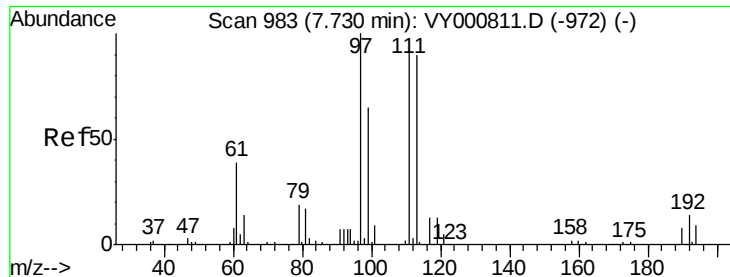
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

88 14.2 0.0 33.2





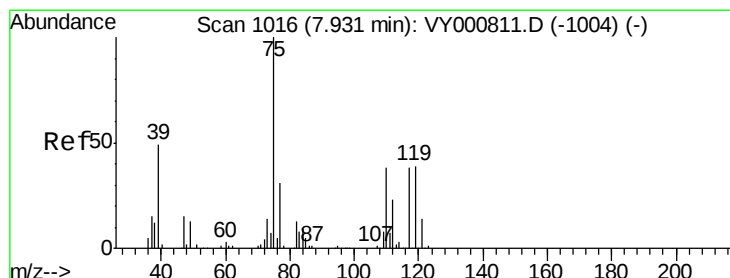
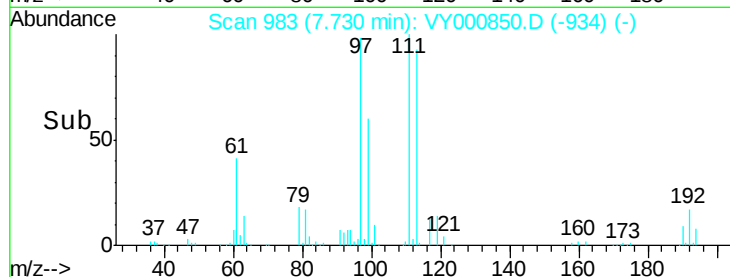
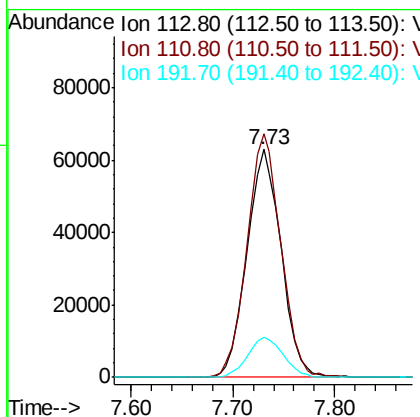
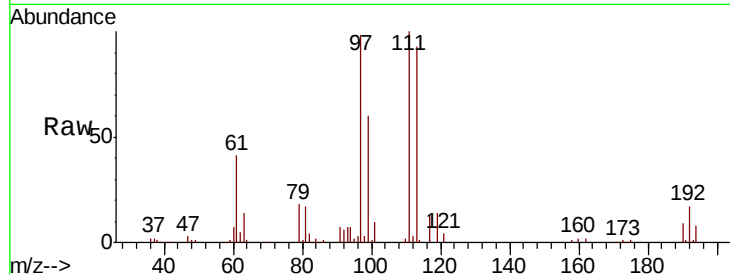
#35
Dibromofluoromethane
Concen: 48.816 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146572		
111	106.3	82.4	123.6	
192	18.4	14.2	21.2	

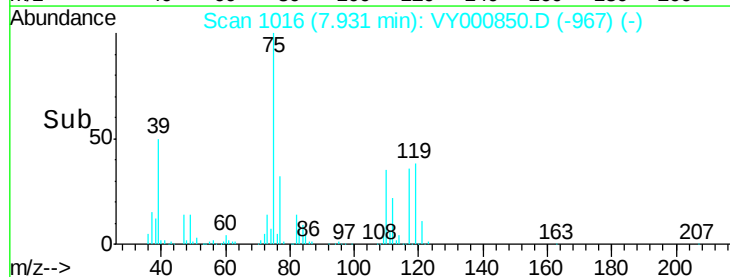
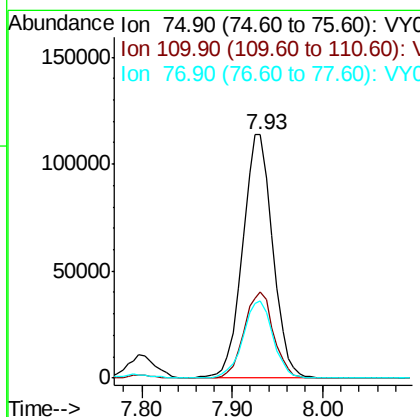
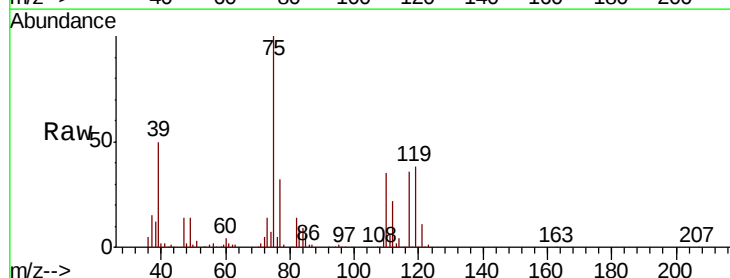
Manual Integrations
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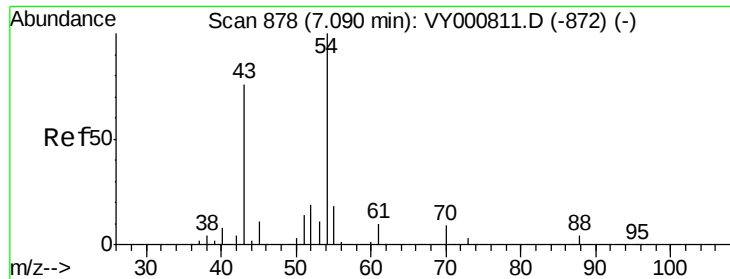
MMDadoda
12/4/2019 2:06:30 PM



#36
1,1-Dichloropropene
Concen: 50.993 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	261217		
110	34.5	17.9	53.7	
77	31.5	24.7	37.1	





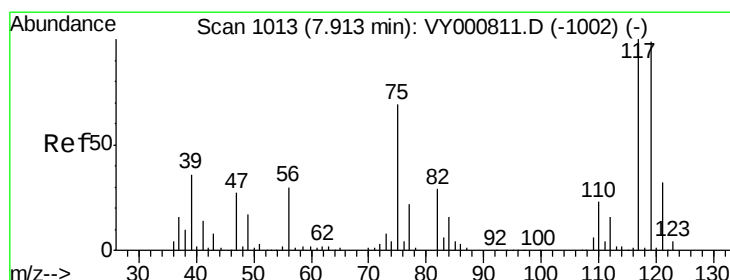
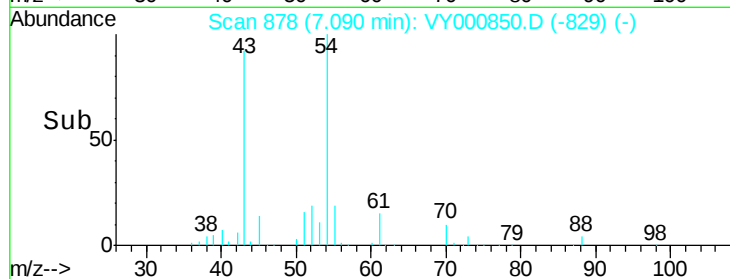
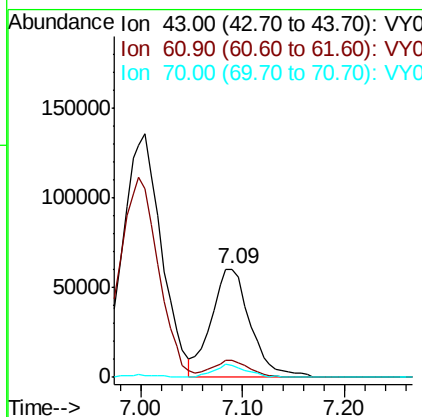
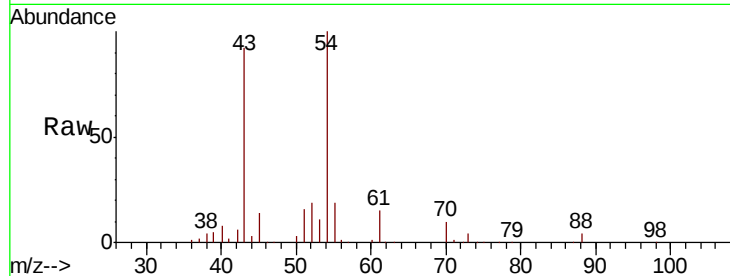
#37
Ethyl Acetate
Concen: 54.256 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.8	17.8
70	10.1	8.7	13.1

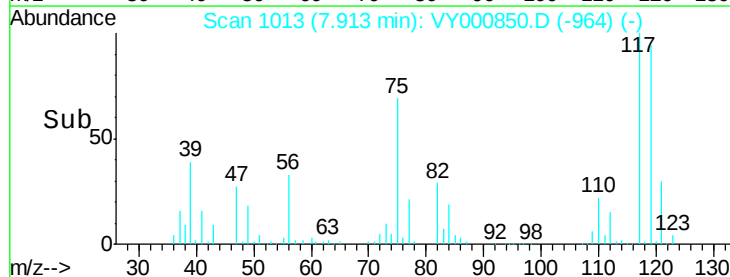
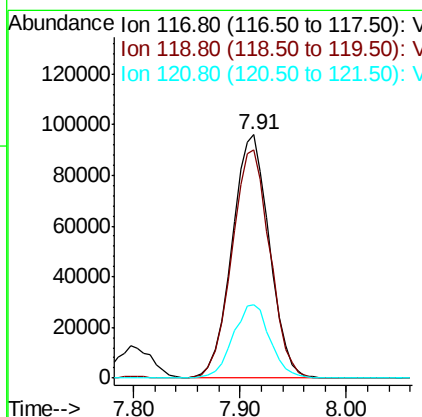
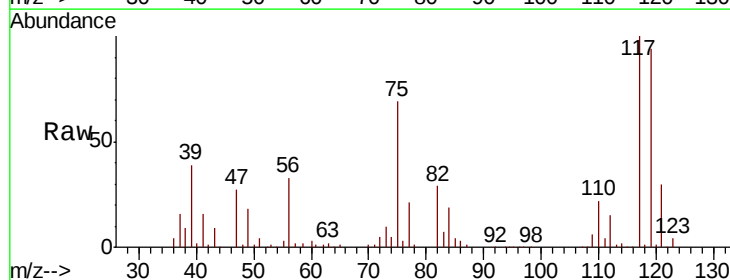
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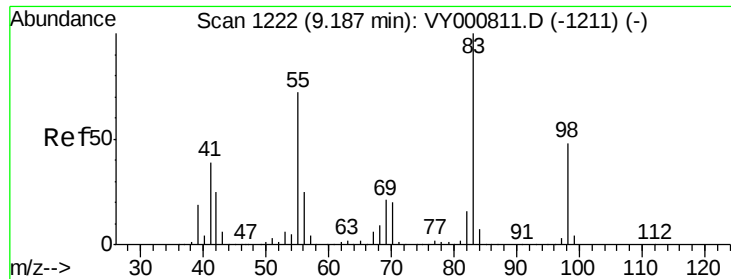
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#38
Carbon Tetrachloride
Concen: 51.771 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	79.3	118.9
121	30.1	25.5	38.3





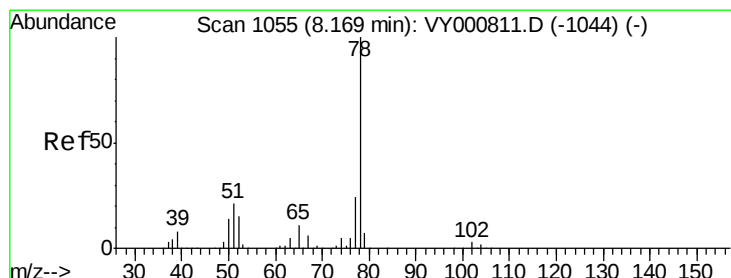
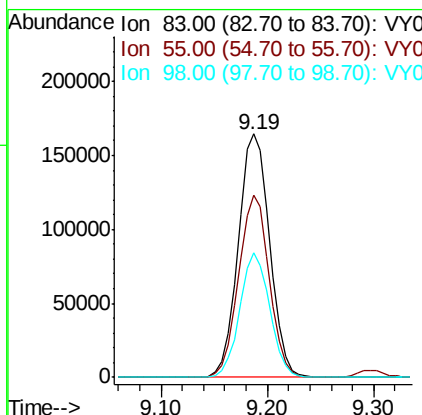
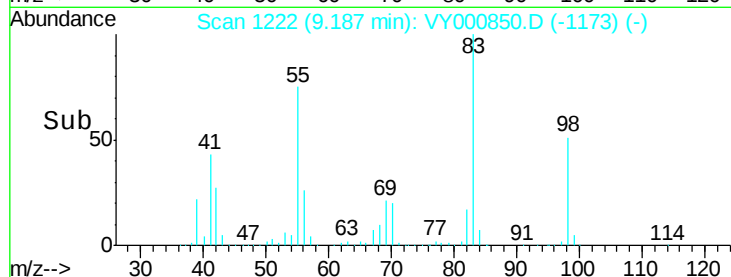
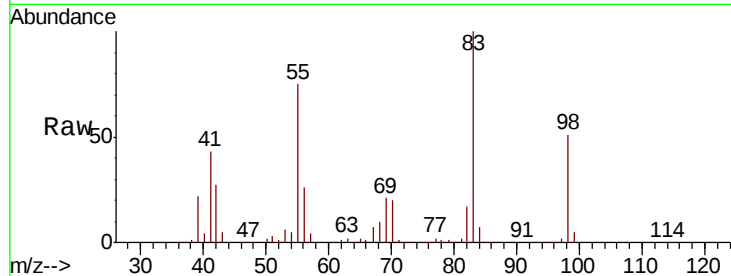
#39
Methvlcvclohexane
Concen: 50.073 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.8	86.6
98	51.2	38.6	58.0

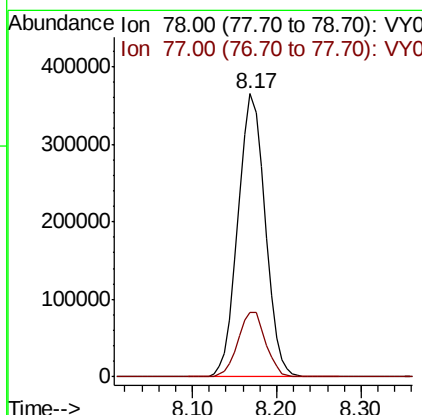
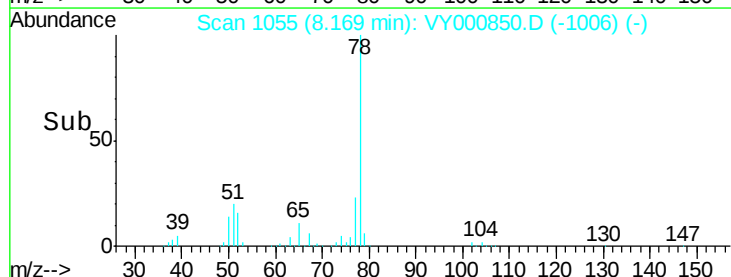
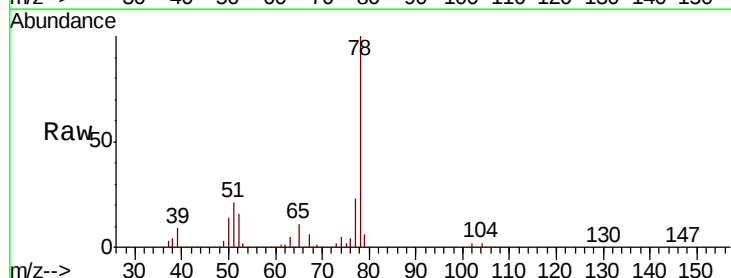
Manual Integrations
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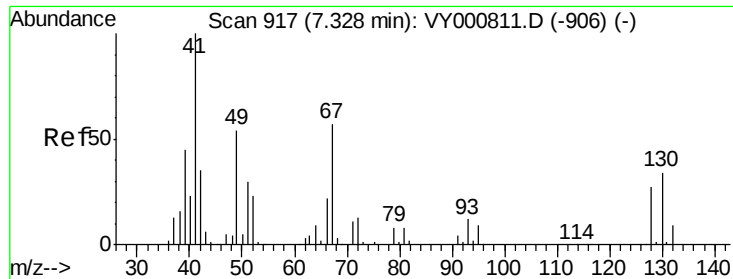
MMDadoda
12/4/2019 2:06:30 PM



#40
Benzene
Concen: 53.280 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





#41

Methacrylonitrile

Concen: 54.402 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 84810
Ion Ratio Lower Upper

41 100

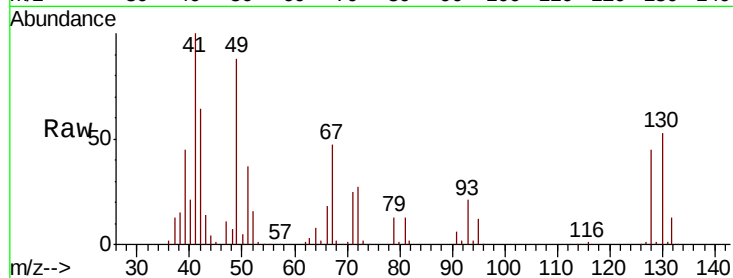
39 0.0 95.7 143.5#

67 0.0 0.0 0.0

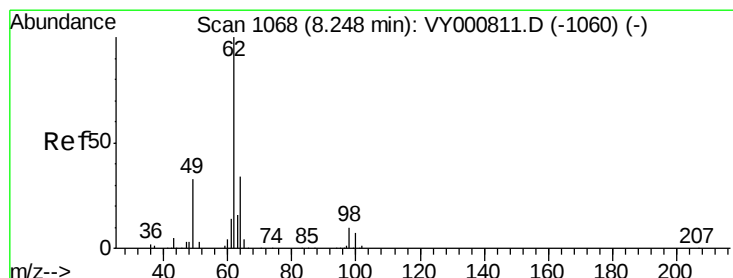
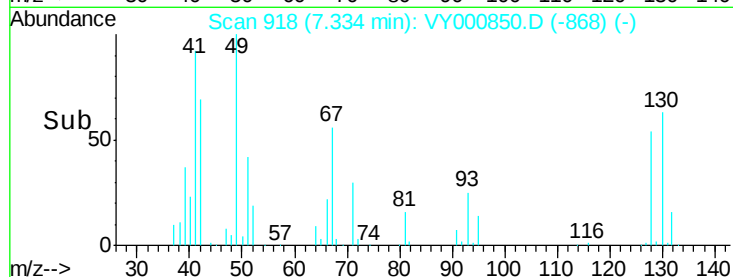
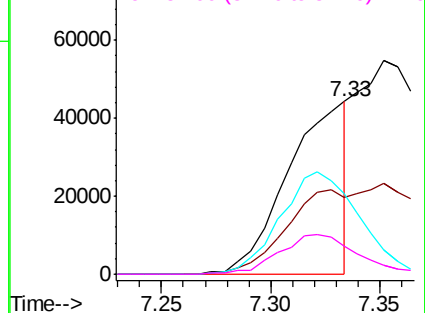
52 0.0 0.0 0.0

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 55.508 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

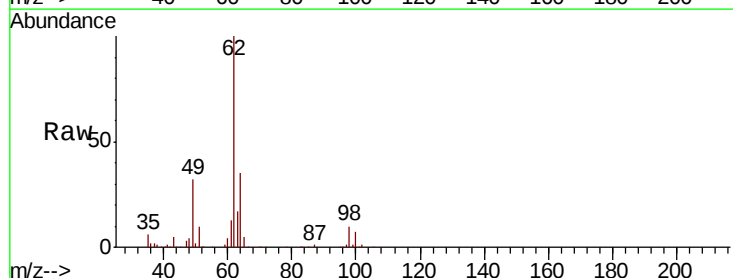
Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

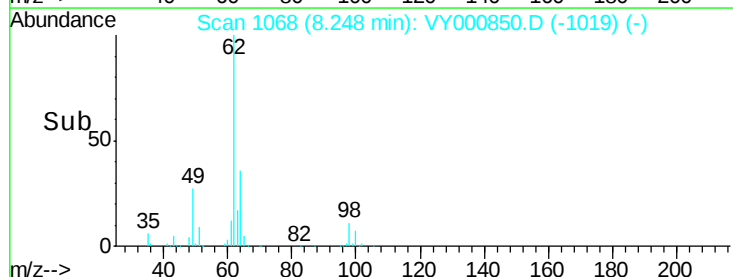
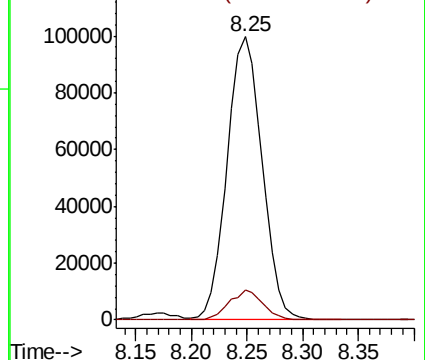
Tgt Ion: 62 Resp: 217820
Ion Ratio Lower Upper

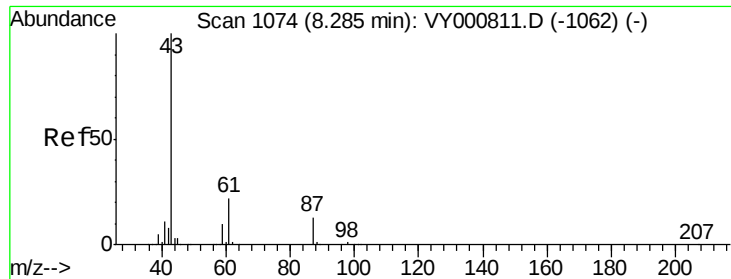
62 100

98 10.1 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.016 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

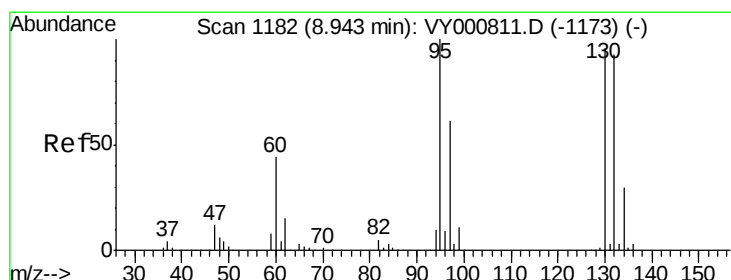
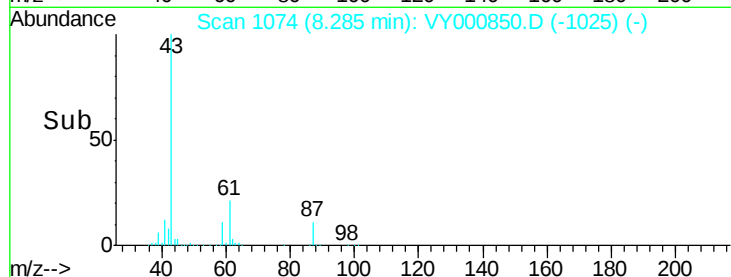
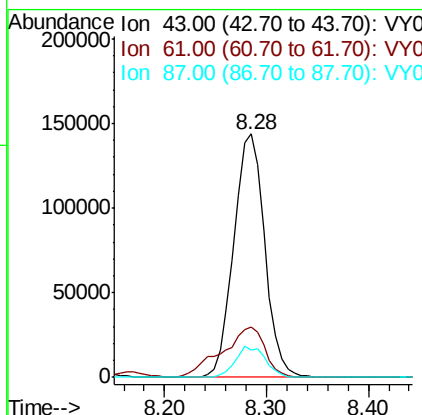
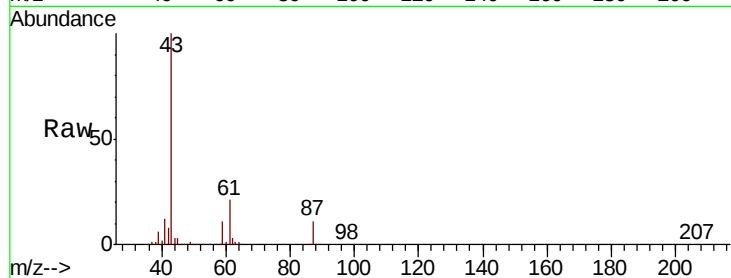
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	301085
Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.7	35.5
87	12.7	10.6	15.8

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#44

Trichloroethene

Concen: 53.229 ug/l

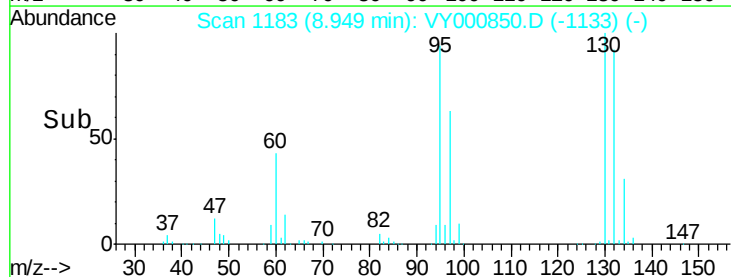
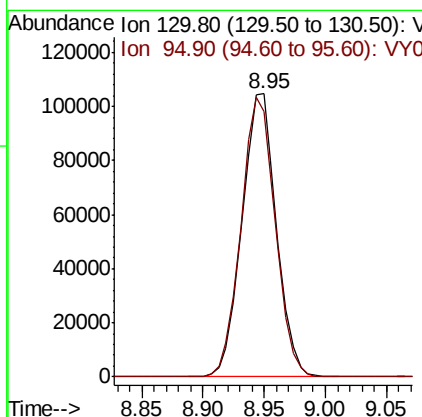
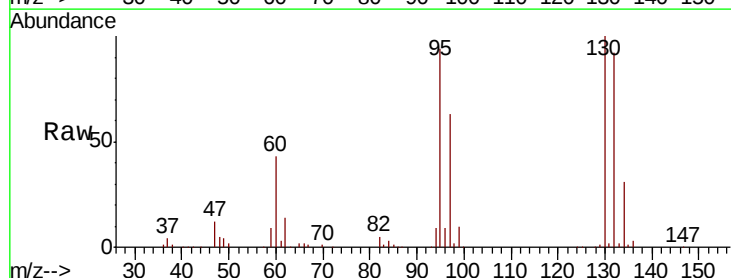
RT: 8.95 min Scan# 1183

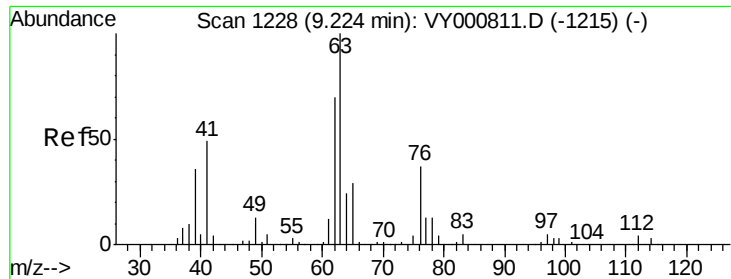
Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion:	130	Resp:	204118
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	207.8





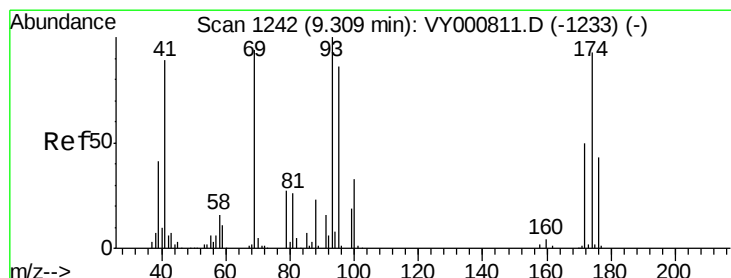
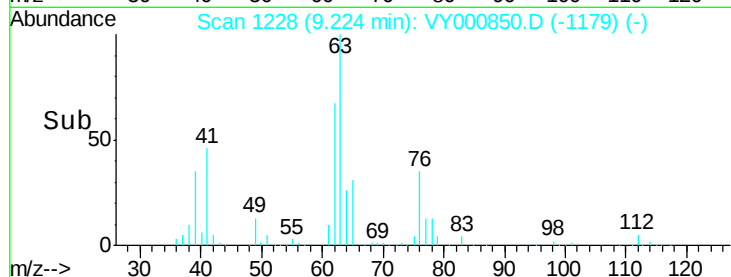
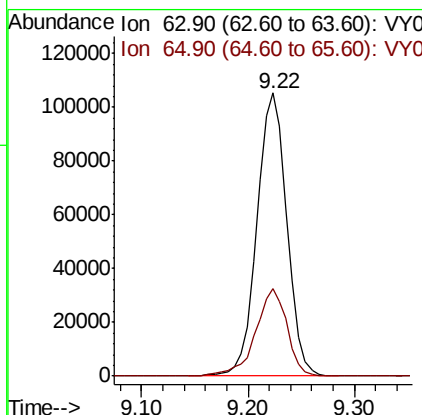
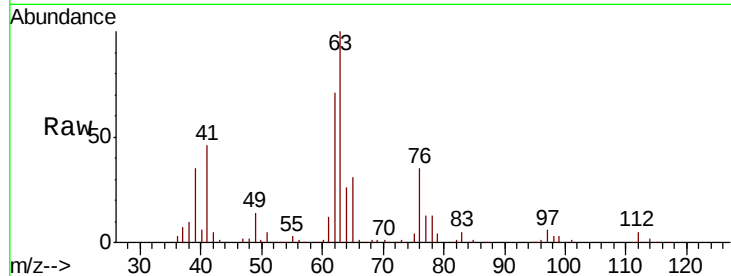
#45
 1,2-Dichloropropane
 Concen: 55.178 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.2	34.8

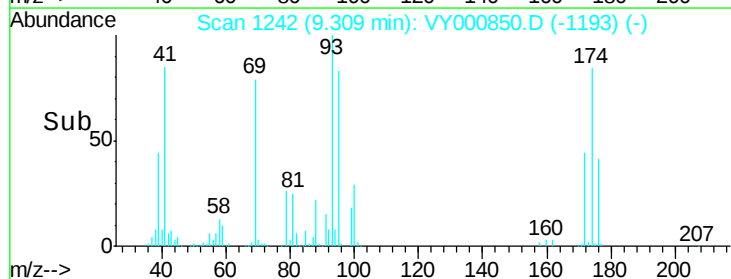
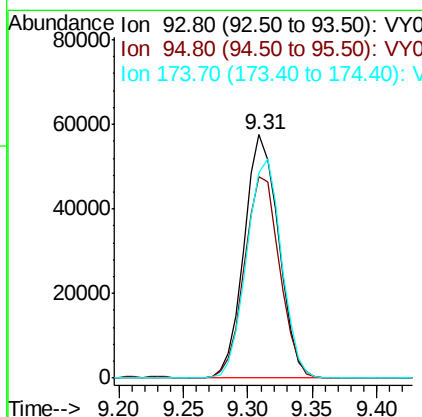
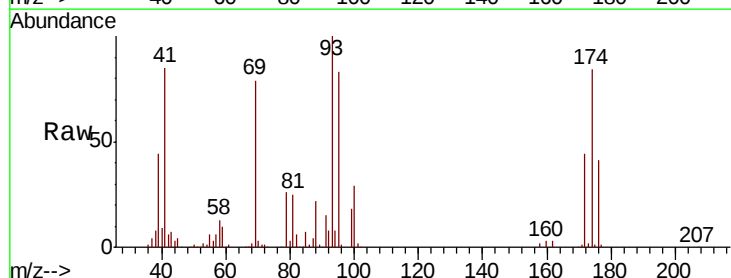
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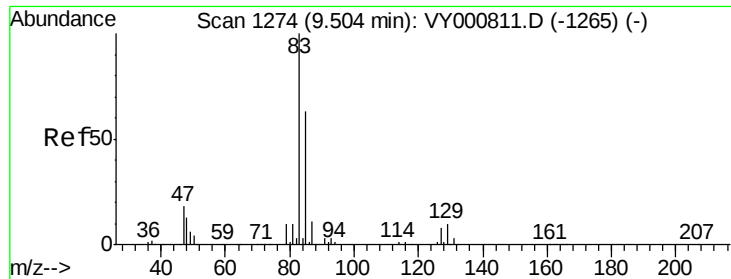
MMDadoda
 12/4/2019 2:06:30 PM



#46
 Dibromomethane
 Concen: 54.490 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.4	99.6
174	90.3	73.0	109.6





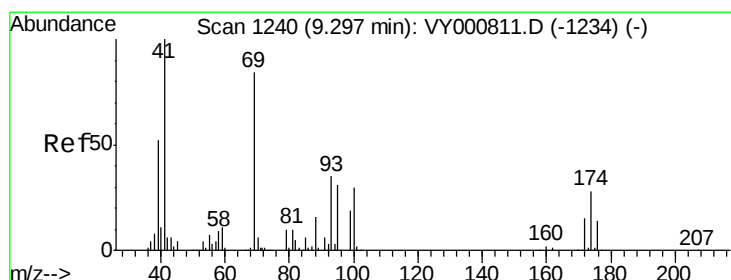
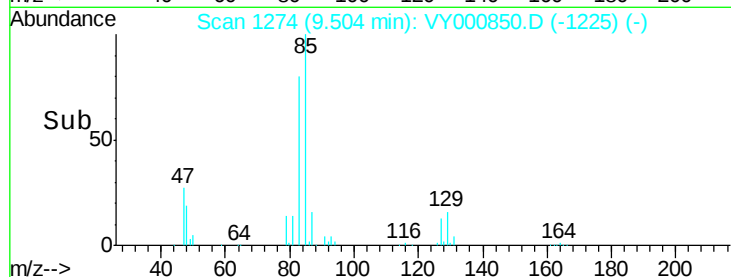
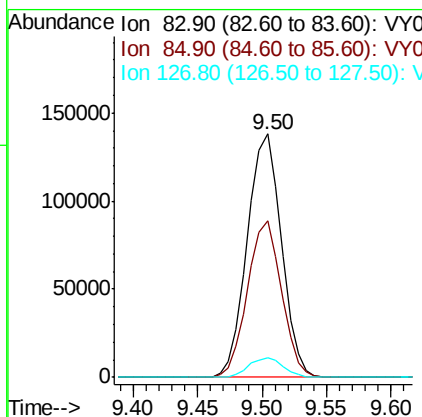
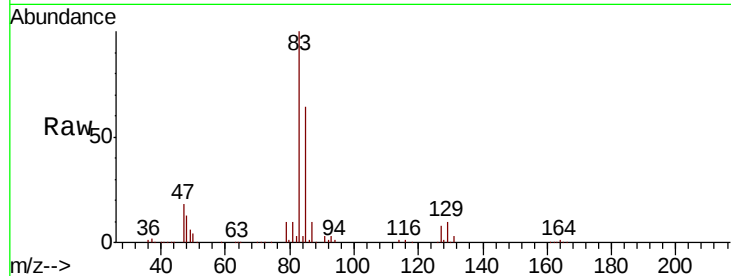
#47
 Bromodichloromethane
 Concen: 55.042 ug/l
 RT: 9.50 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2
127	8.3	6.6	10.0

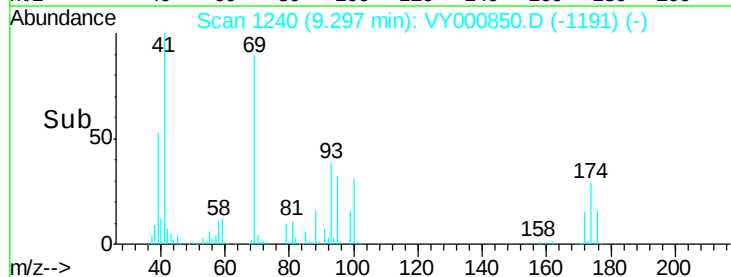
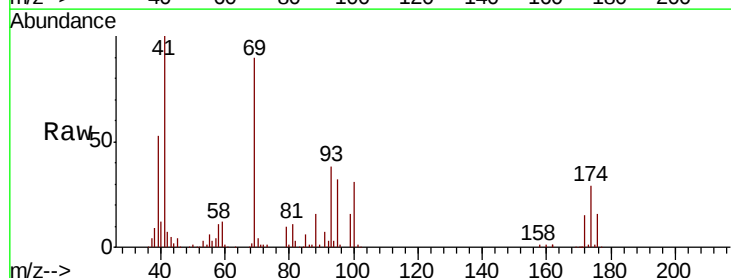
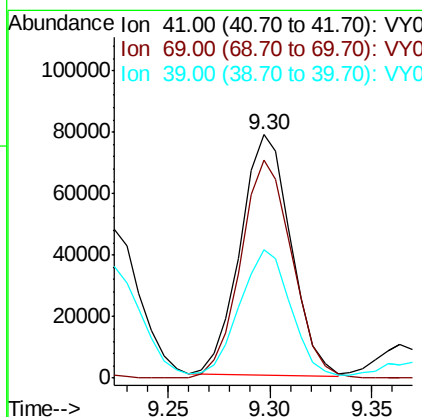
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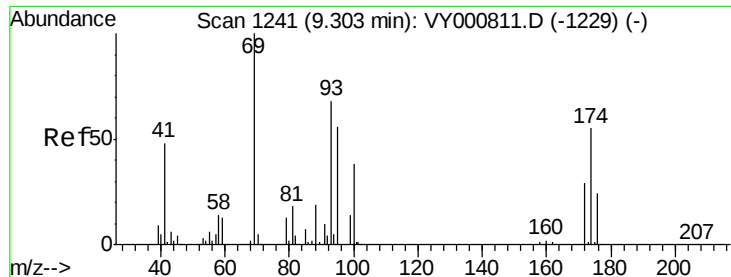
MMDadoda
 12/4/2019 2:06:30 PM



#48
 Methyl methacrylate
 Concen: 55.180 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.1	70.4	105.6
39	54.3	40.9	61.3





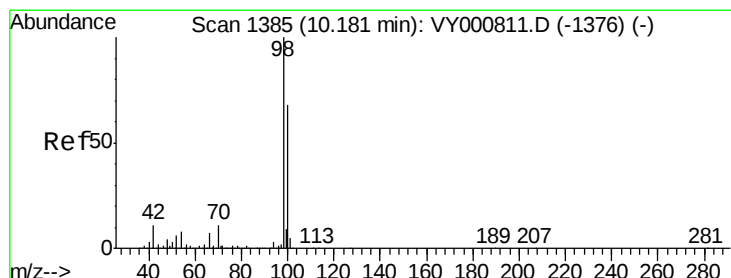
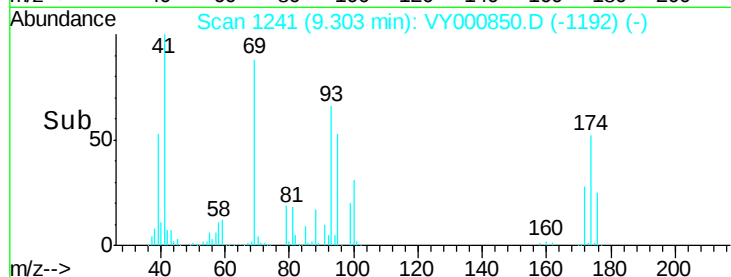
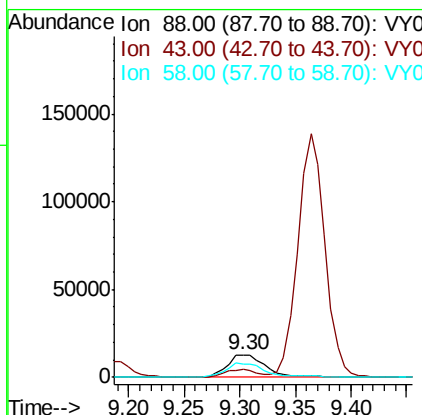
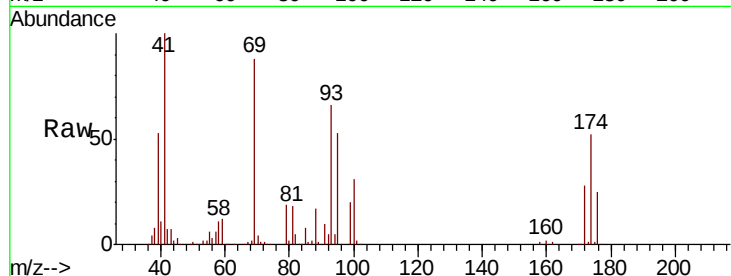
#49
1,4-Dioxane
Concen: 1098.053 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	21.1	31.7
58	64.0	50.7	76.1

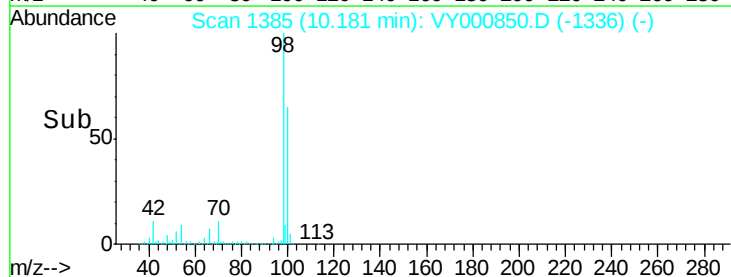
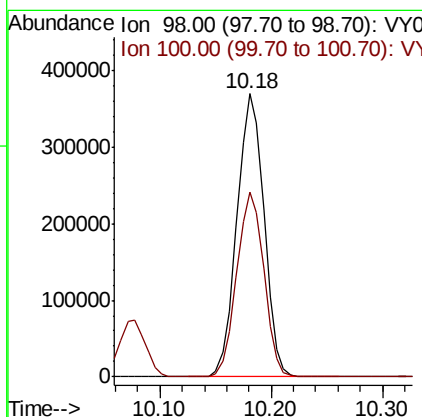
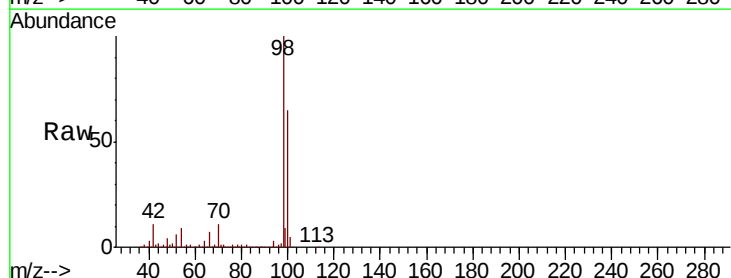
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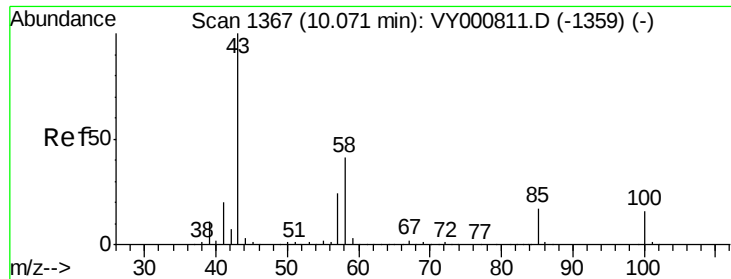
MMDadoda
12/4/2019 2:06:30 PM



#50
Toluene-d8
Concen: 51.817 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 282.886 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 814702

Ion Ratio Lower Upper

43 100

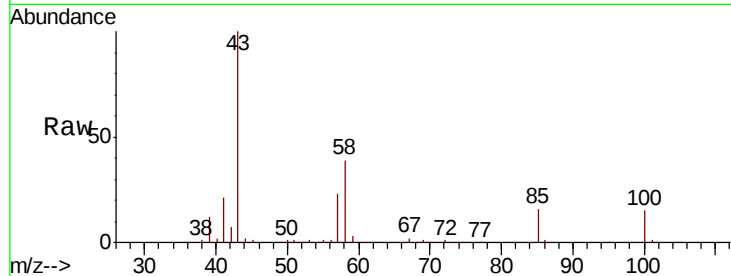
58 40.2 33.1 49.7

Manual Integrations

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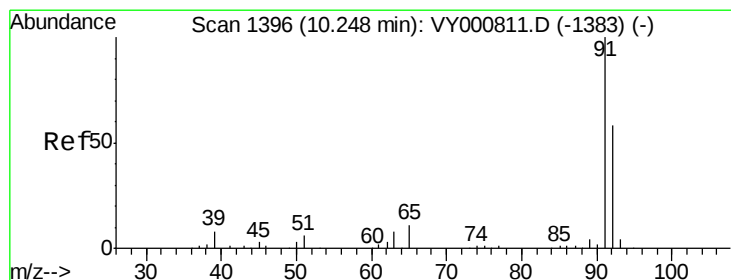
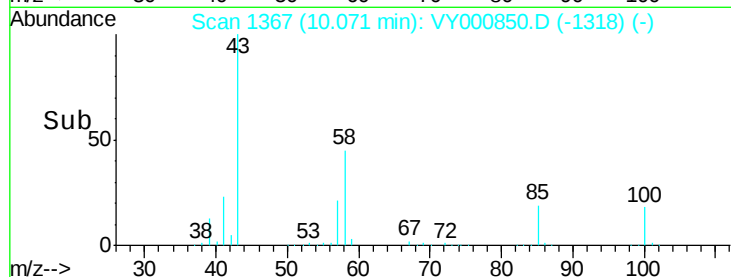
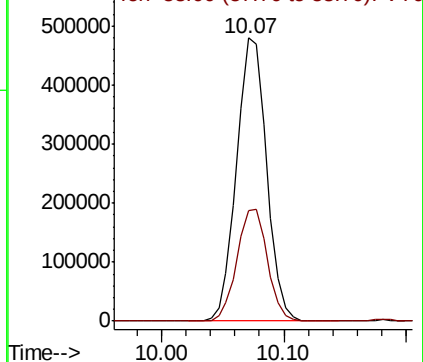
MMDadoda

12/4/2019 2:06:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.301 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000850.D

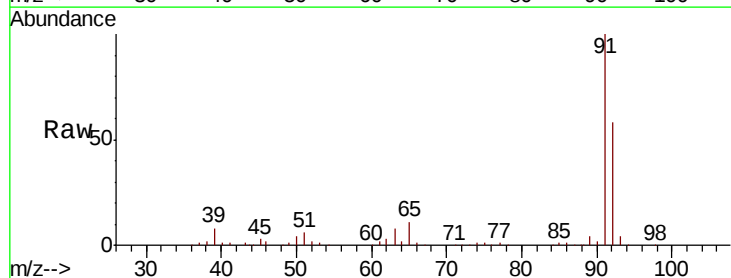
Acq: 03 Dec 2019 19:38

Tgt Ion: 92 Resp: 492422

Ion Ratio Lower Upper

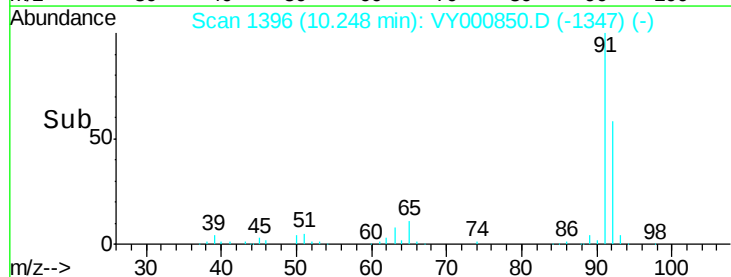
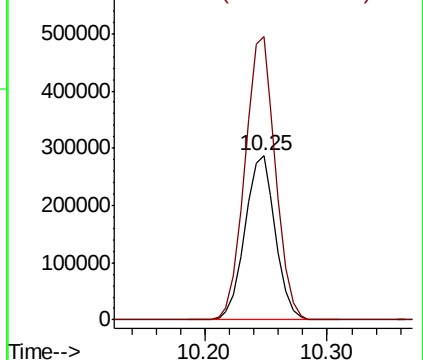
92 100

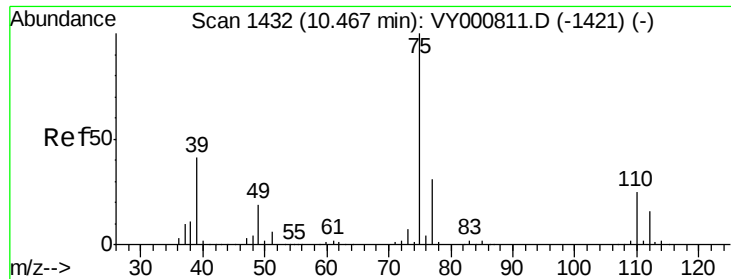
91 173.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





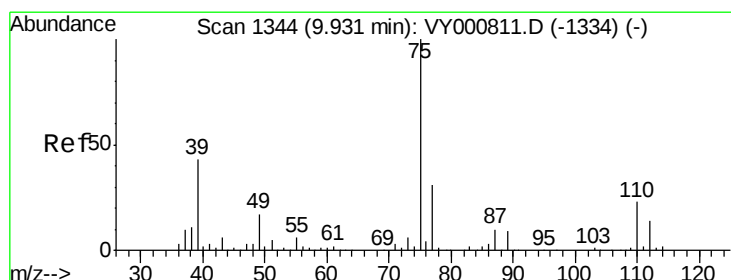
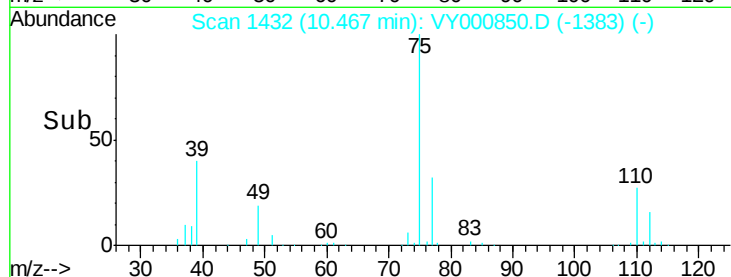
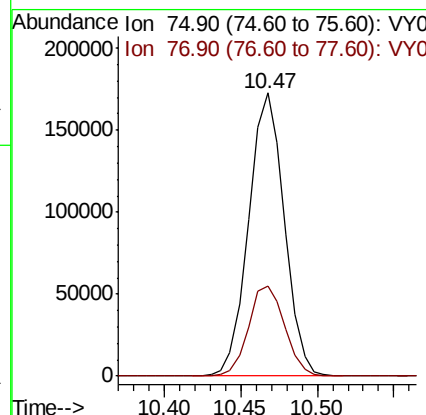
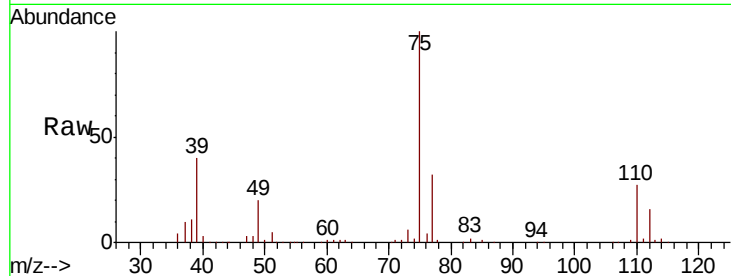
#53
t-1,3-Dichloropropene
Concen: 56.640 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 279938
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7

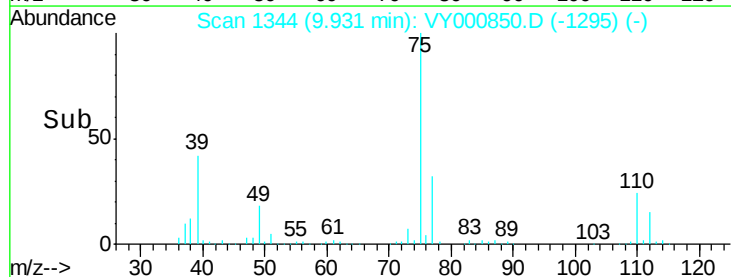
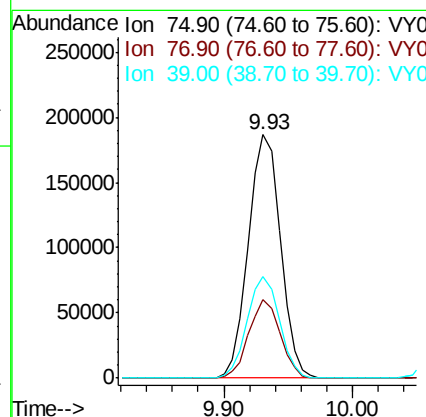
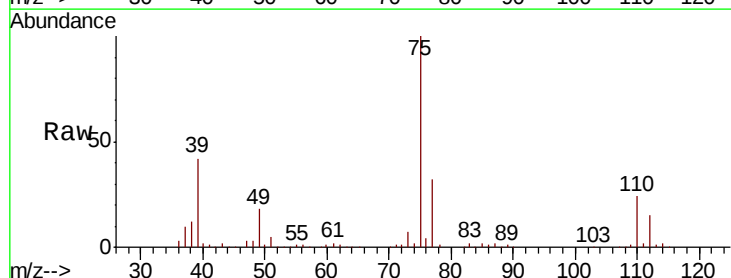
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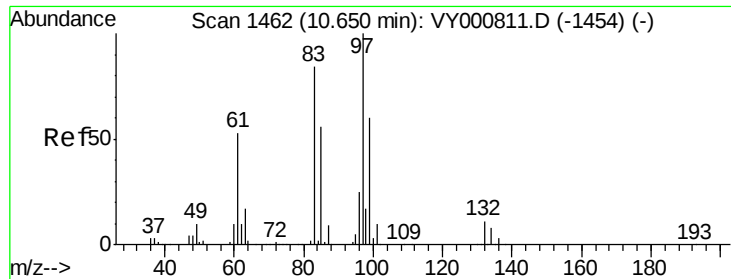
MMDadoda
12/4/2019 2:06:30 PM



#54
cis-1,3-Dichloropropene
Concen: 54.922 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 75 Resp: 320853
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 41.8 34.5 51.7





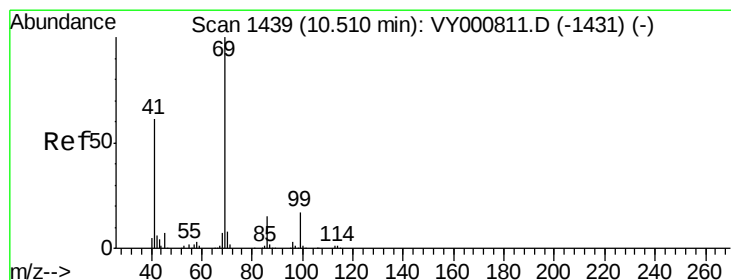
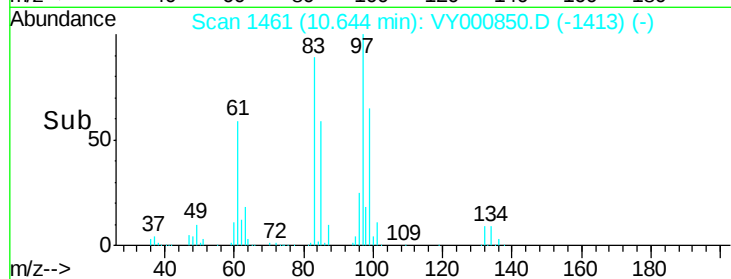
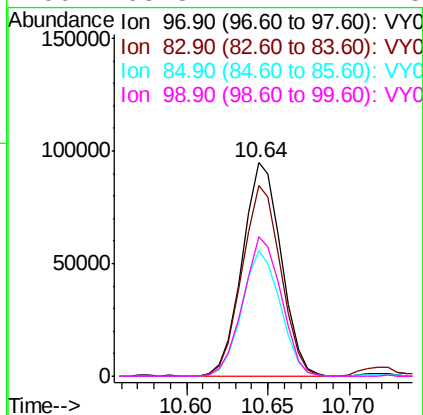
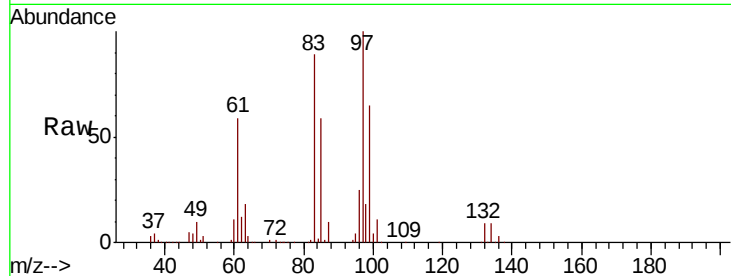
#55
 1,1,2-Trichloroethane
 Concen: 54.479 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.5	101.3
85	58.6	44.5	66.7
99	65.3	47.7	71.5

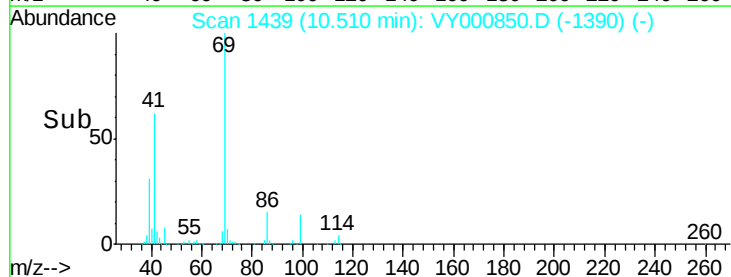
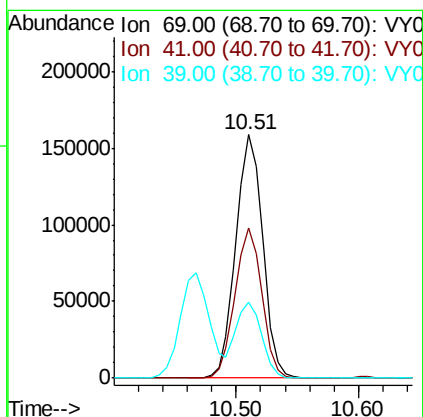
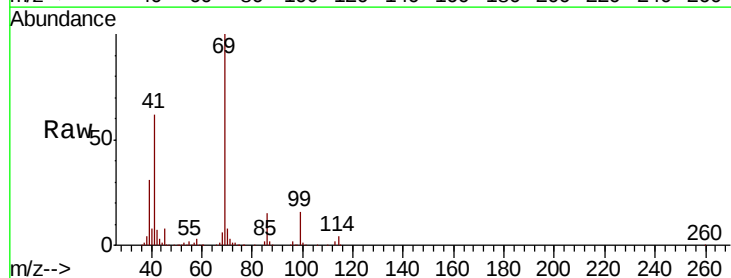
Manual Integrations
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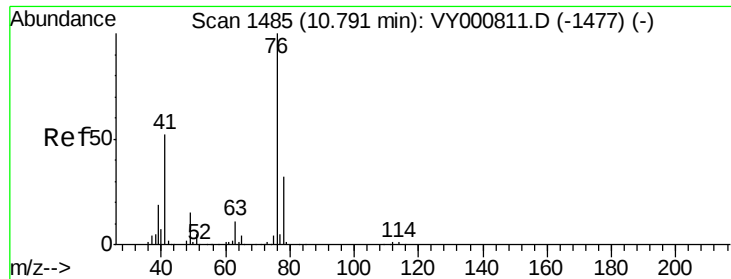
MMDadoda
 12/4/2019 2:06:30 PM



#56
 Ethyl methacrylate
 Concen: 58.415 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.0	73.6
39	29.9	23.1	34.7





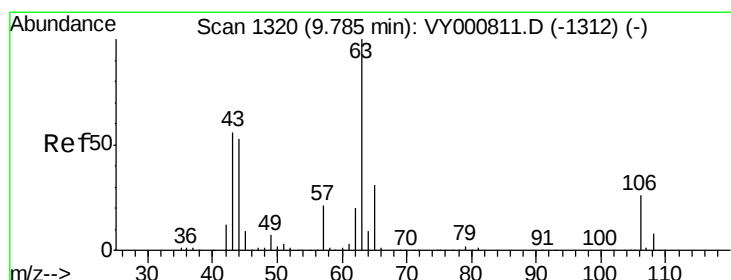
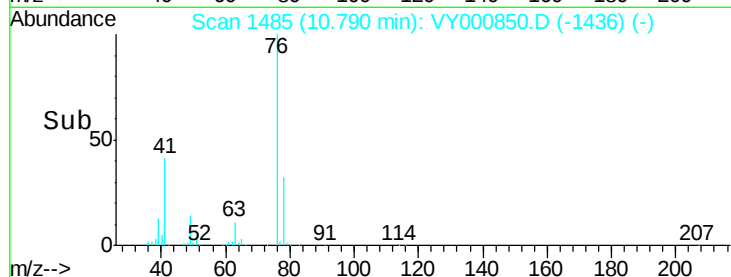
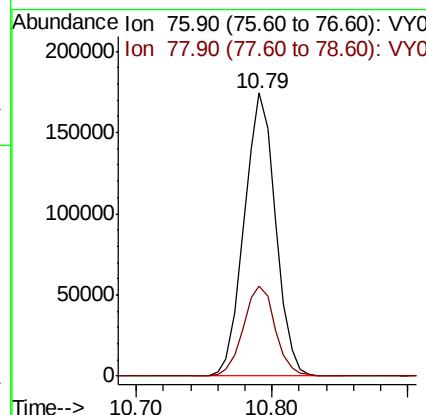
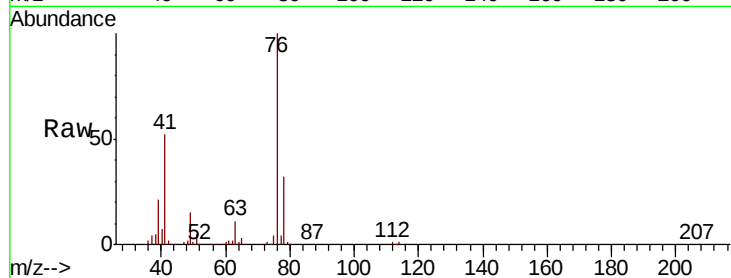
#57
 1,3-Dichloropropane
 Concen: 55.578 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.4	39.6

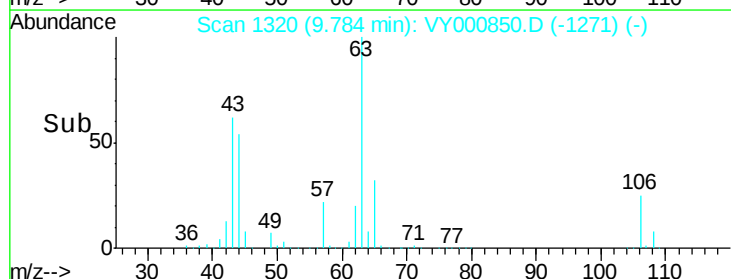
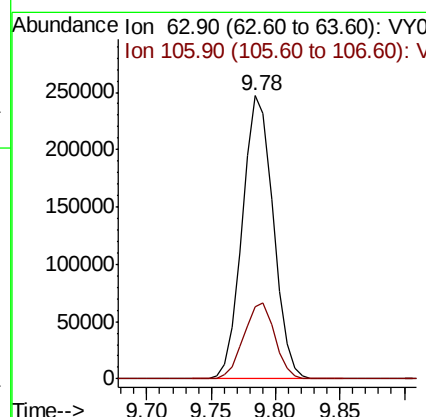
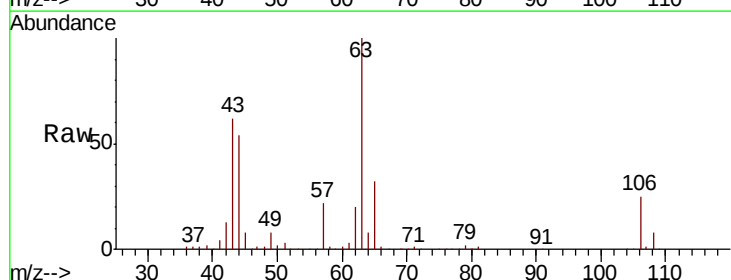
Manual Integrations
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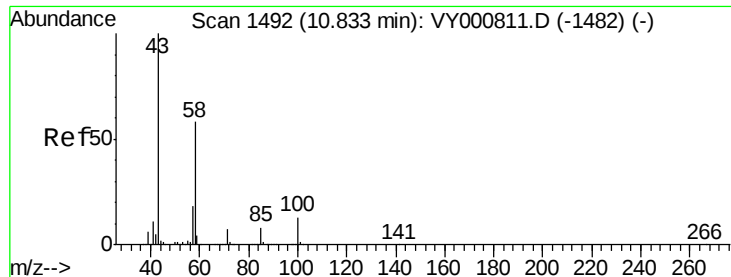
MMDadoda
 12/4/2019 2:06:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.834 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





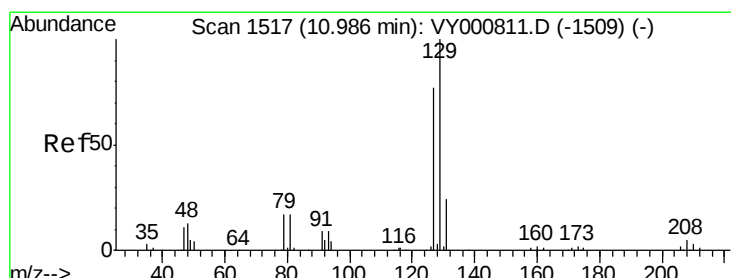
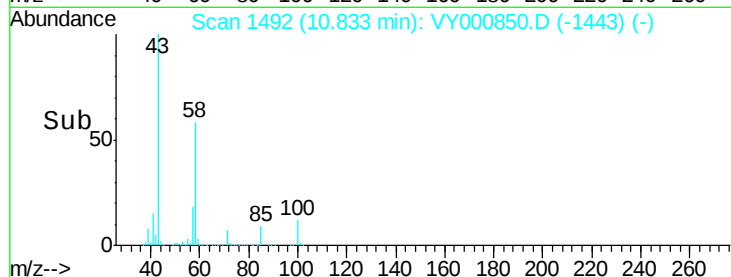
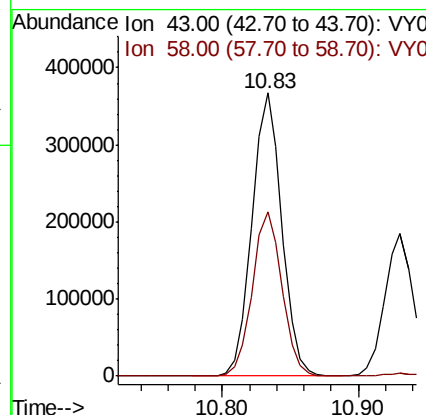
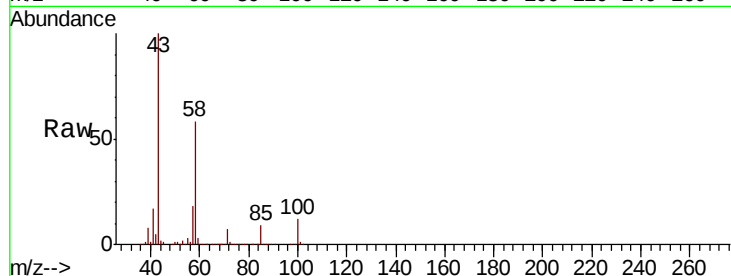
#59
2-Hexanone
Concen: 268.822 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 564140
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1

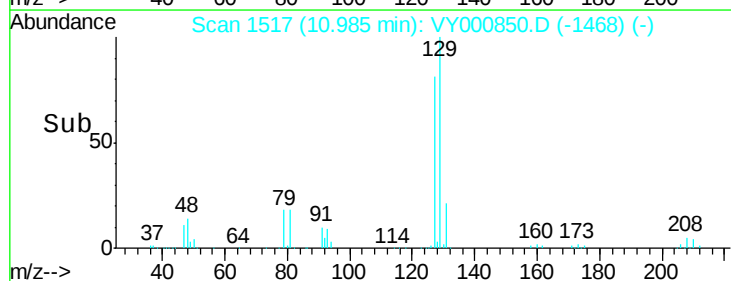
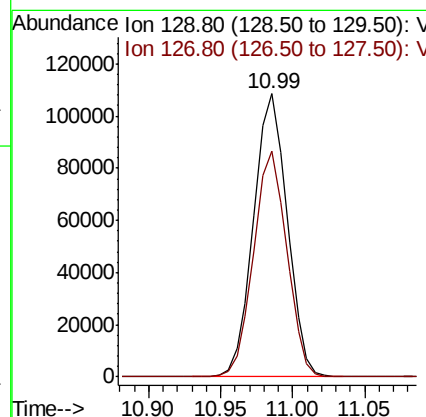
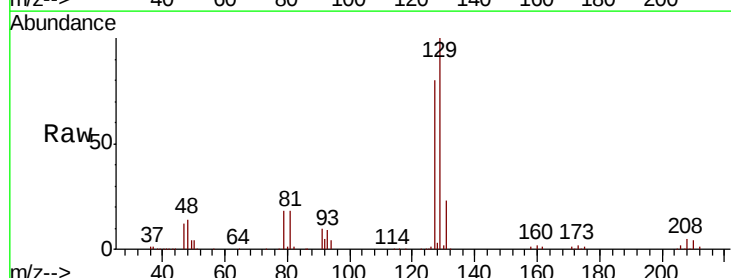
Manual Integrations
APPROVED

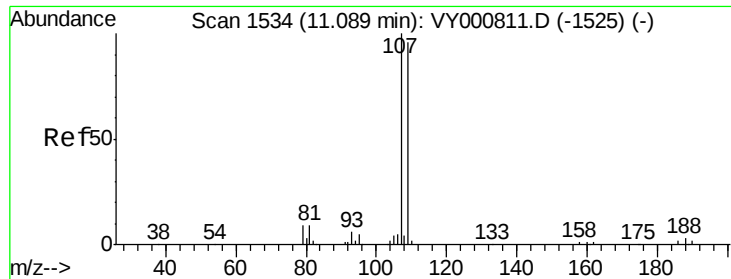
MMDadoda
12/4/2019 2:06:30 PM



#60
Dibromochloromethane
Concen: 56.277 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 129 Resp: 175281
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





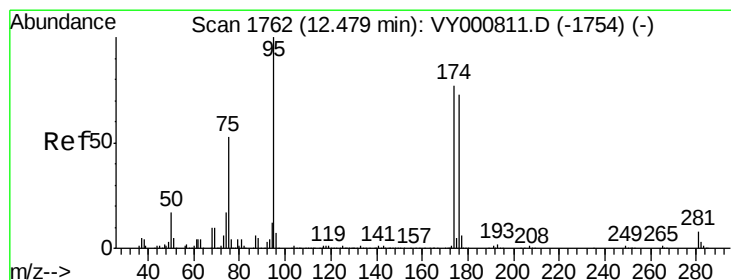
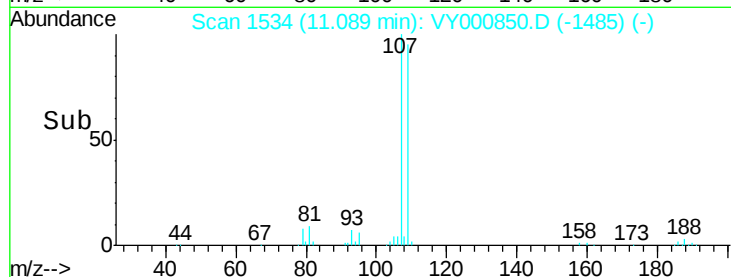
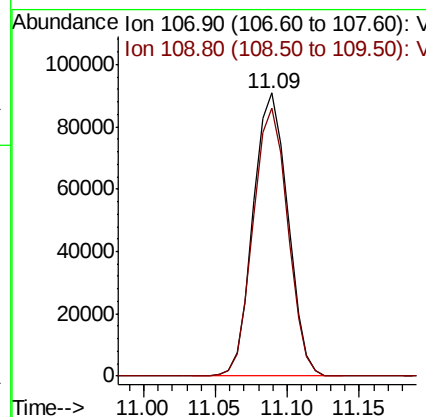
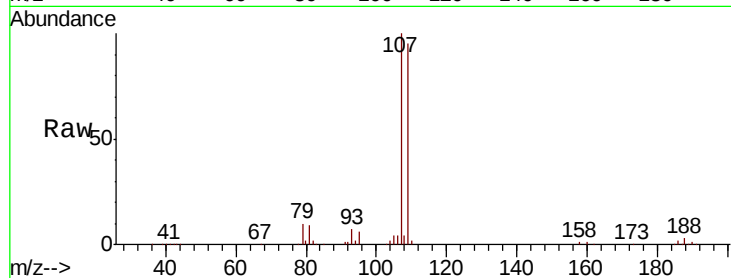
#61
 1,2-Dibromoethane
 Concen: 55.472 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.9	113.9

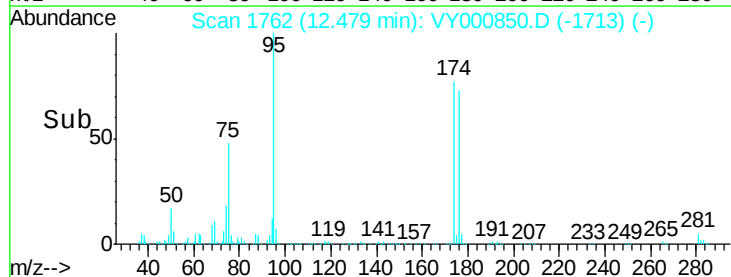
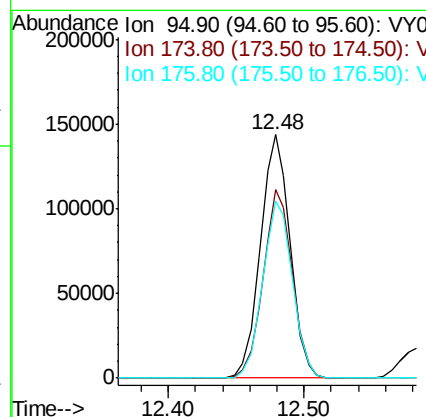
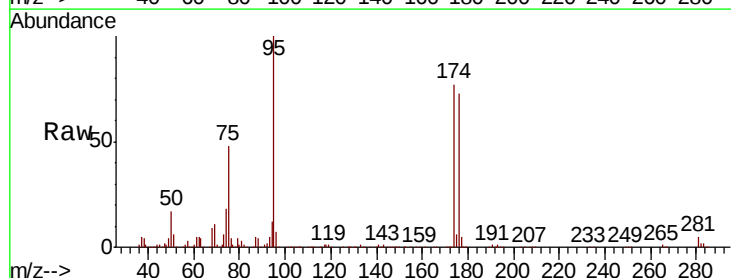
Manual Integrations
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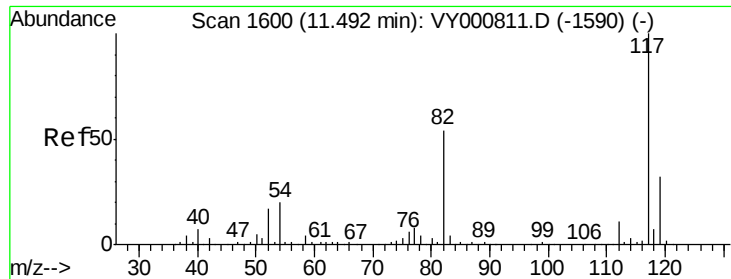
MMDadoda
 12/4/2019 2:06:30 PM



#62
 4-Bromofluorobenzene
 Concen: 48.602 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.6
176	73.3	0.0	145.2





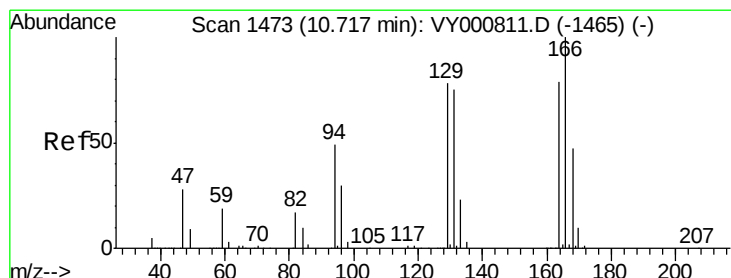
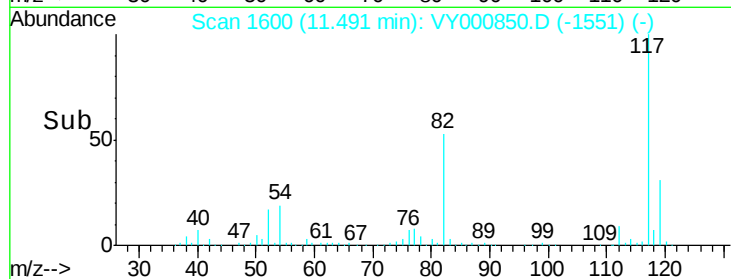
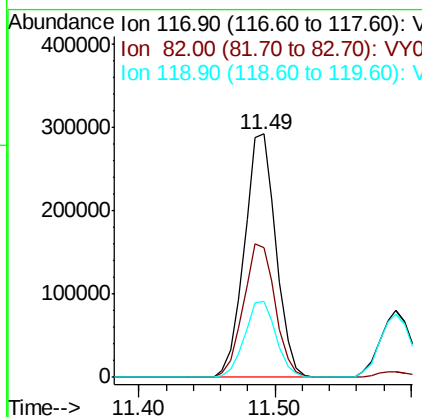
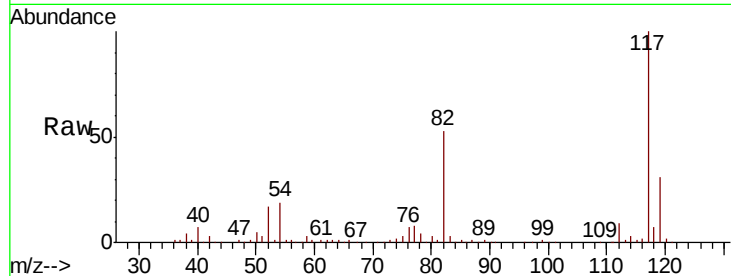
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.1	64.7
119	31.2	25.3	37.9

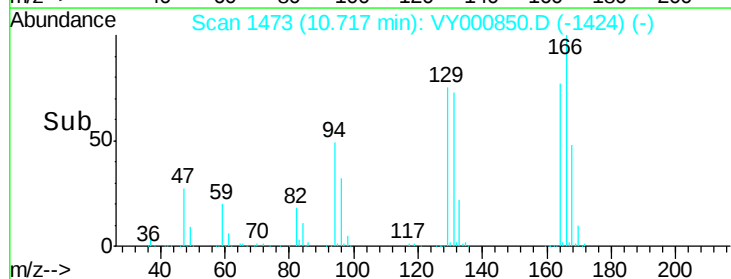
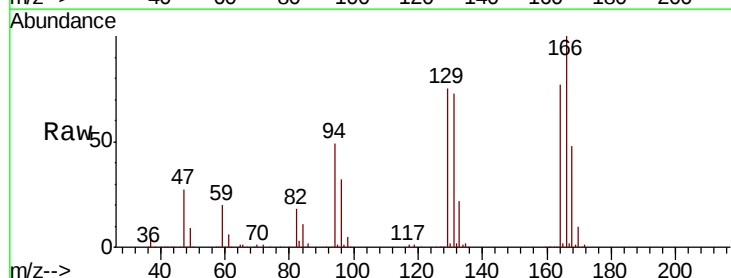
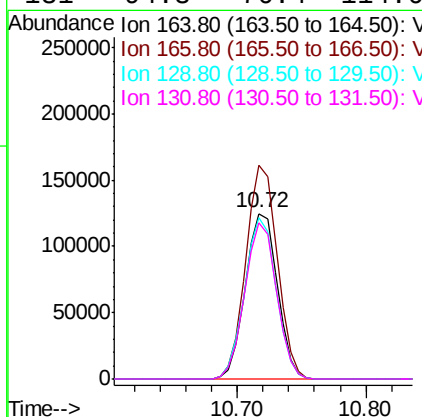
Manual Integrations
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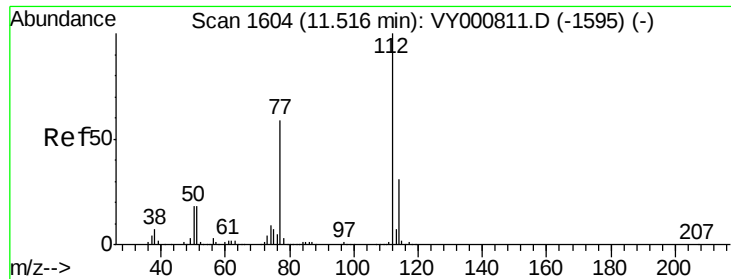
MMDadoda
12/4/2019 2:06:30 PM



#64
Tetrachloroethene
Concen: 52.169 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	101.8	152.8
129	97.4	79.3	118.9
131	94.3	76.4	114.6





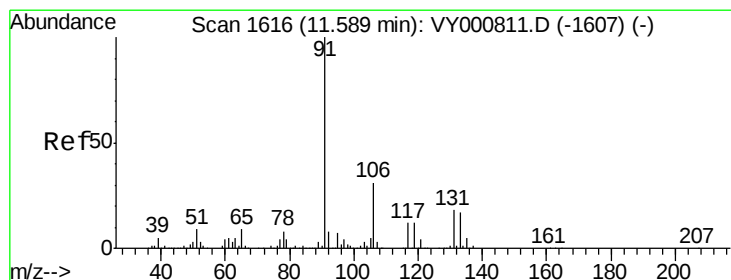
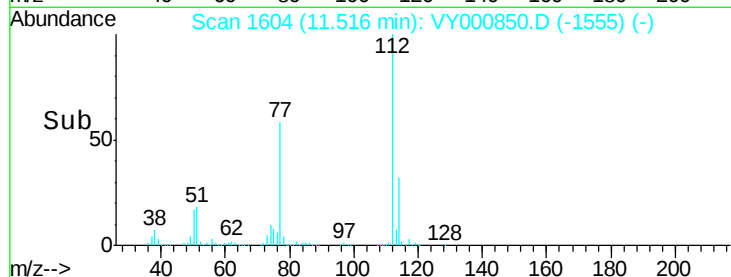
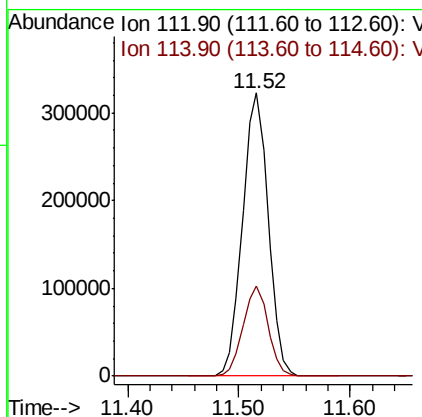
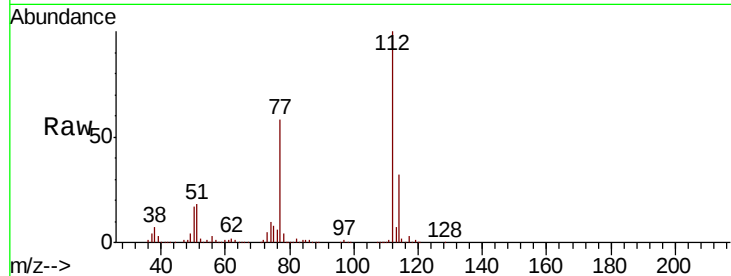
#65
Chlorobenzene
Concen: 52.747 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.1	37.7

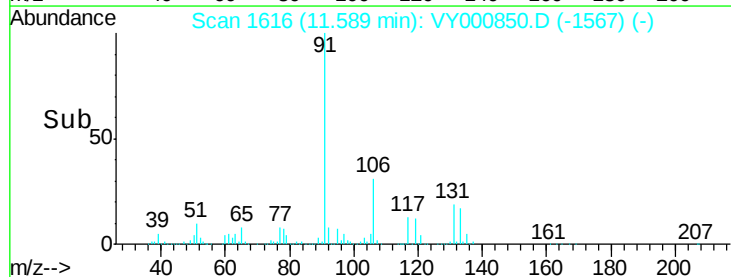
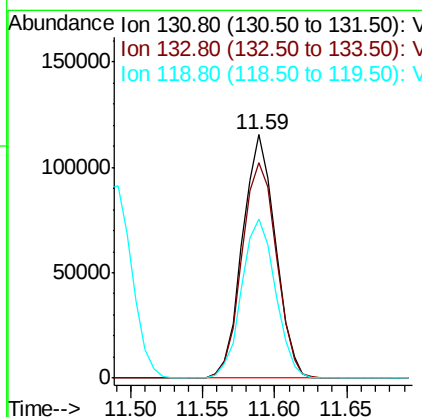
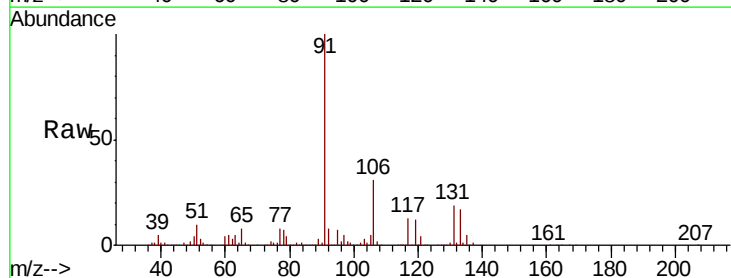
Manual Integrations
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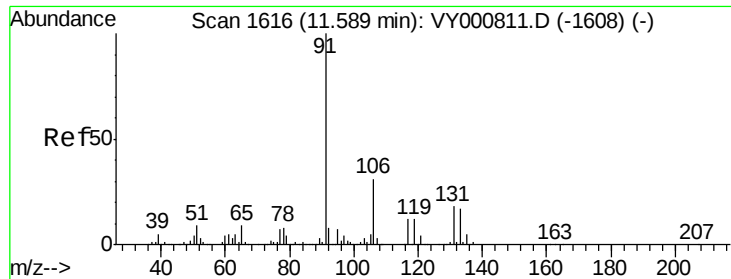
MMDadoda
12/4/2019 2:06:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.284 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	47.4	142.2
119	67.0	33.8	101.3





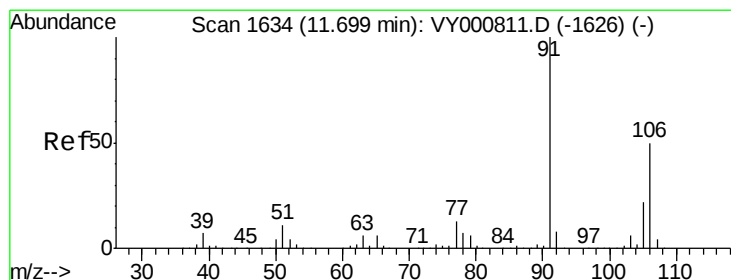
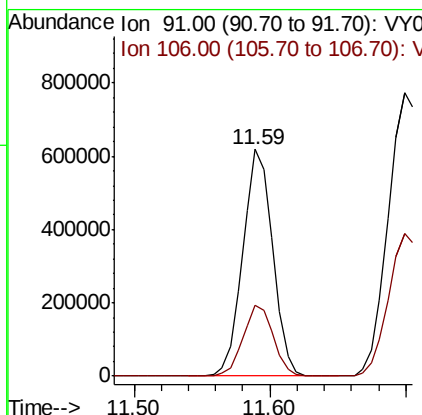
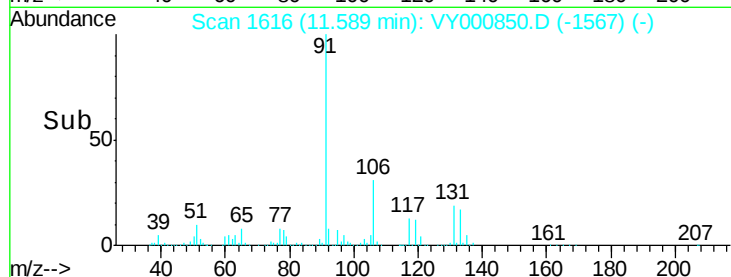
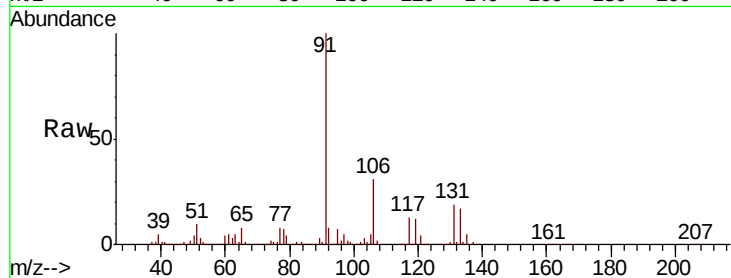
#67
Ethyl Benzene
Concen: 51.975 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 951088
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6

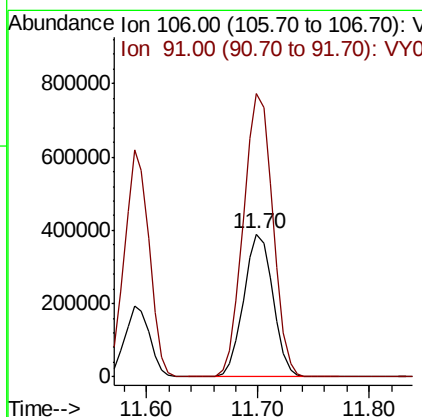
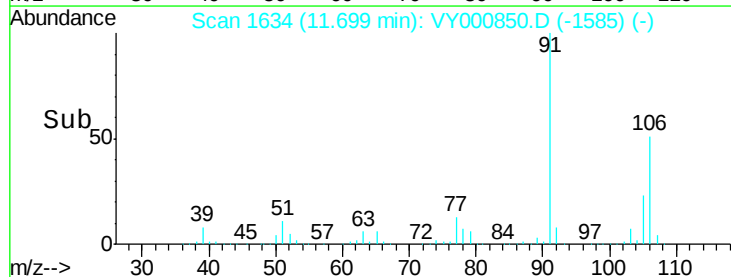
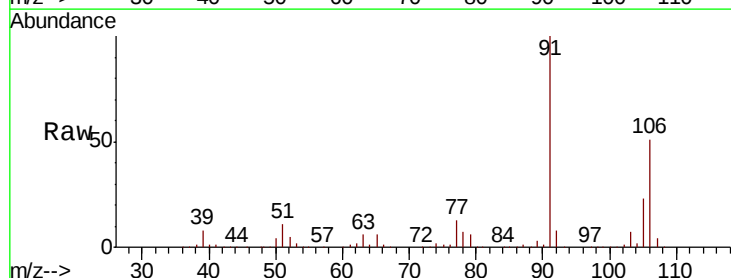
Manual Integrations
APPROVED

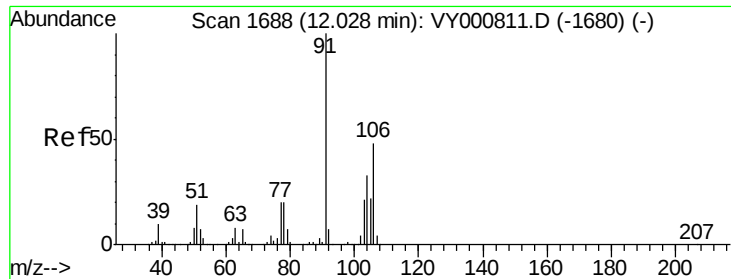
MMDadoda
12/4/2019 2:06:30 PM



#68
m/p-Xylenes
Concen: 103.570 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion: 106 Resp: 711360
Ion Ratio Lower Upper
106 100
91 199.7 159.6 239.4





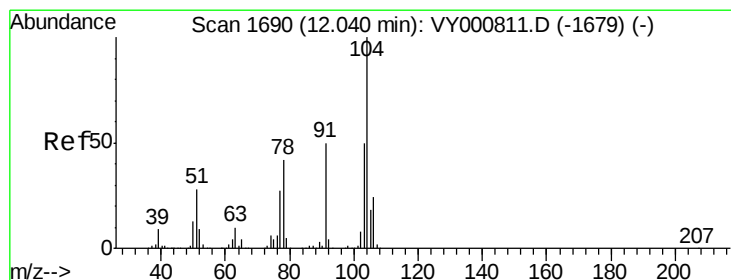
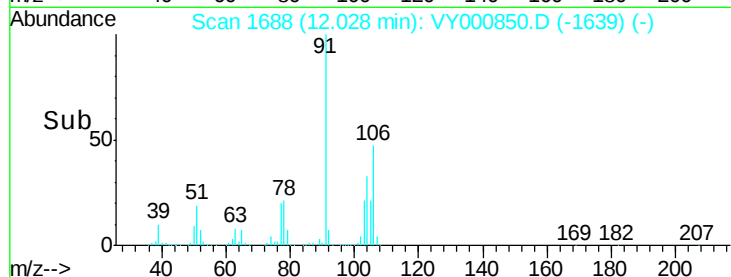
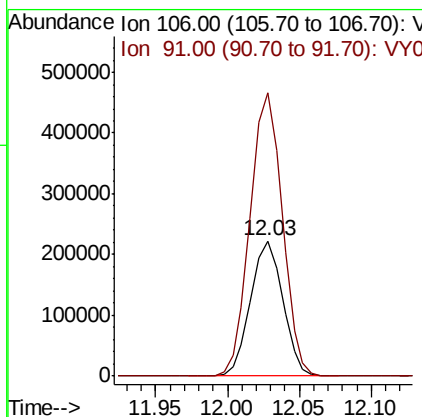
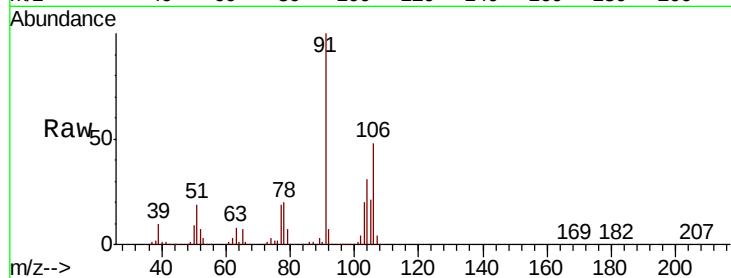
#69
o-Xylene
Concen: 53.750 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	106.1	318.1

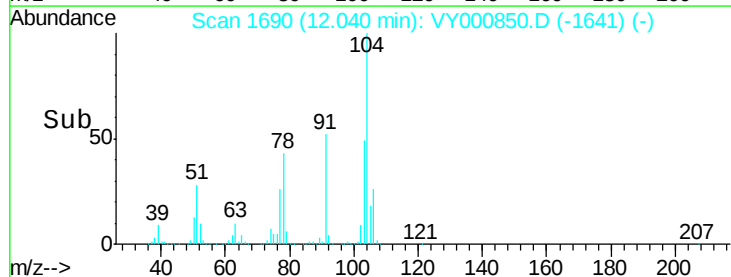
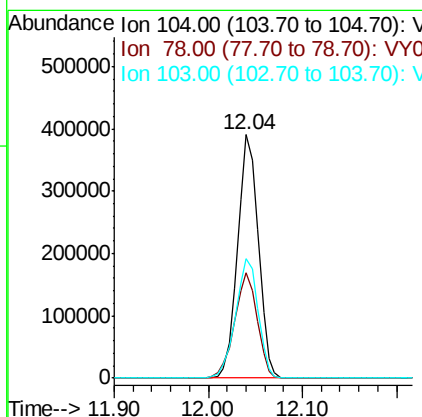
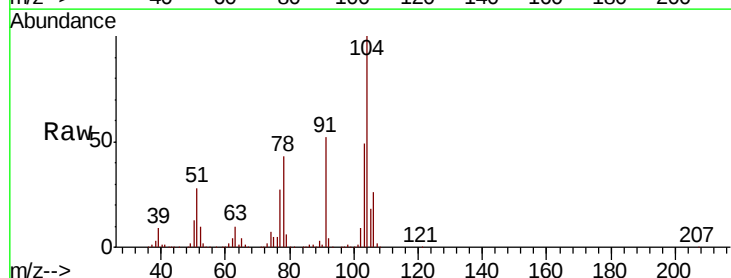
Manual Integrations
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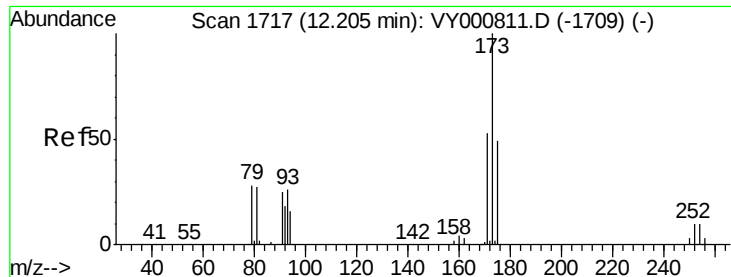
MMDadoda
12/4/2019 2:06:30 PM



#70
Styrene
Concen: 54.505 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.2	38.2	57.4
103	53.2	43.4	65.0





#71

Bromoform

Concen: 54.005 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 100856

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

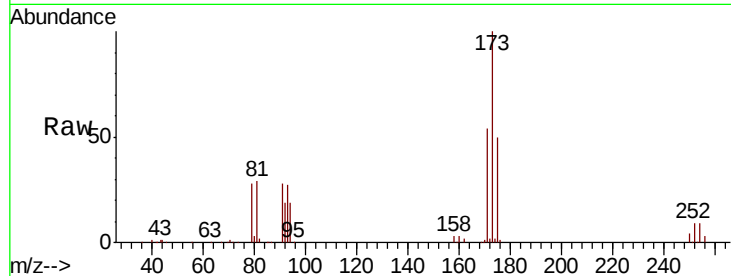
254 0.0 0.0 0.0#

Manual Integrations

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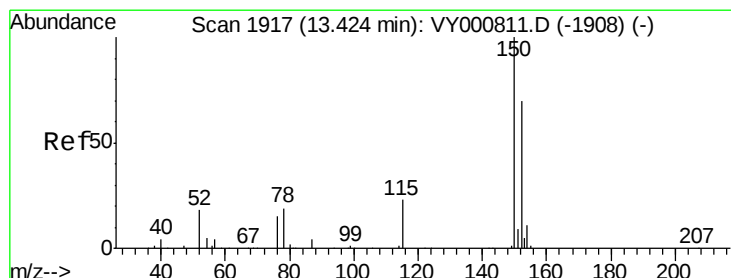
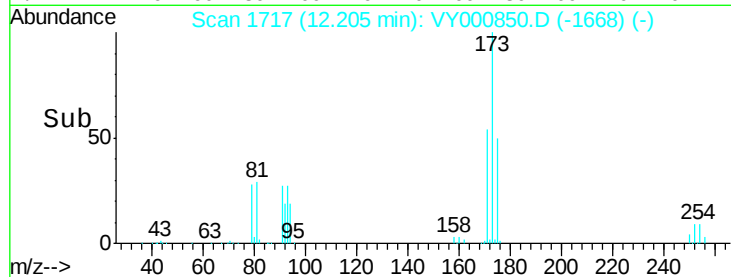
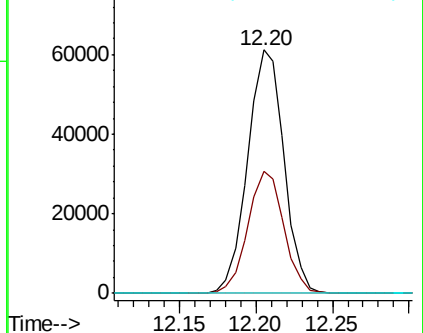
12/4/2019 2:06:30 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

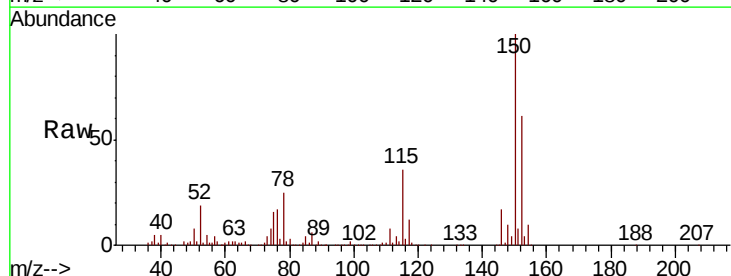
Tgt Ion:152 Resp: 217461

Ion Ratio Lower Upper

152 100

115 60.7 29.3 87.8

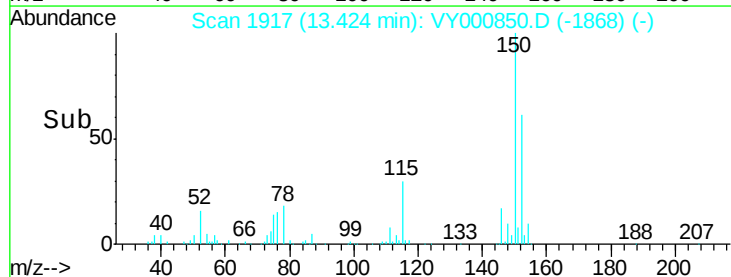
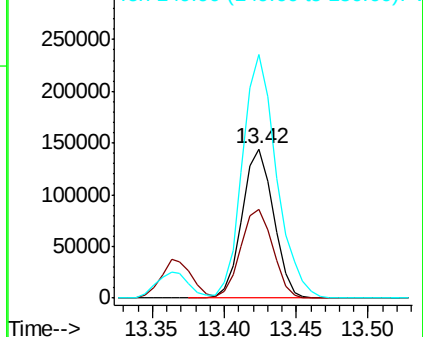
150 177.9 0.0 351.2

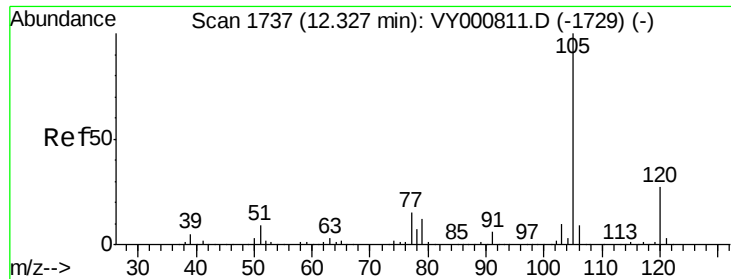


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.172 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 903351

Ion Ratio Lower Upper

105 100

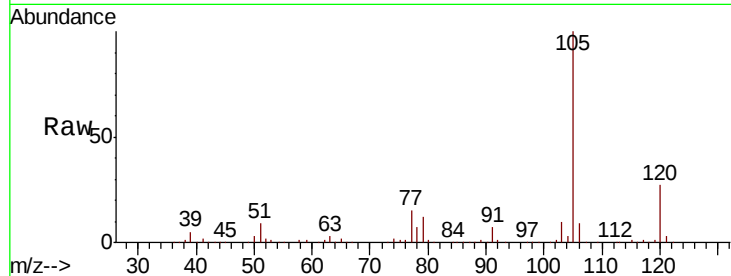
120 26.9 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

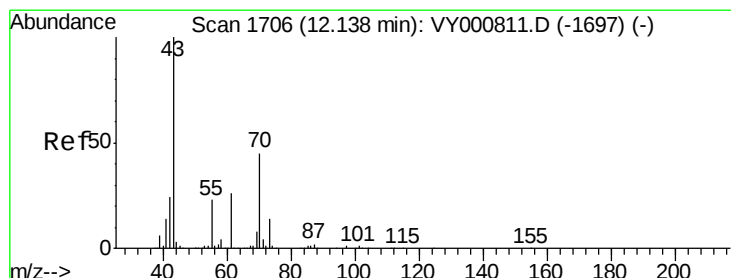
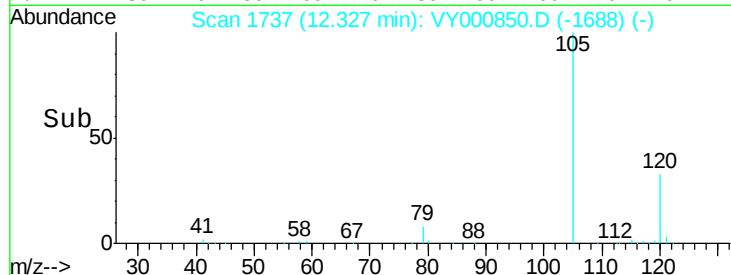
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 55.336 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion: 43 Resp: 266680

Ion Ratio Lower Upper

43 100

70 45.2 36.6 54.8

55 23.6 18.8 28.2

61 26.7 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

250000

200000

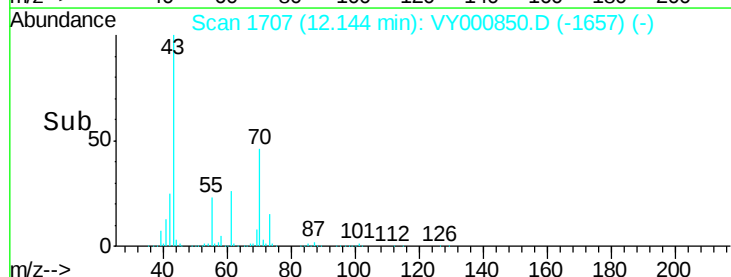
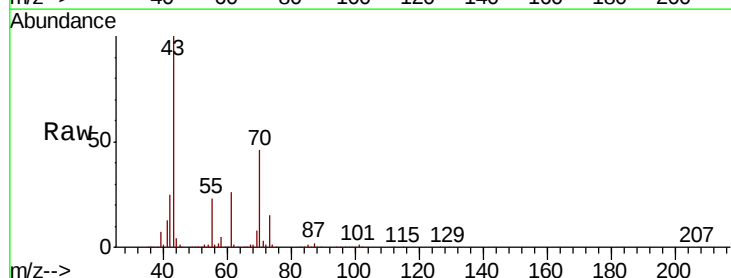
150000

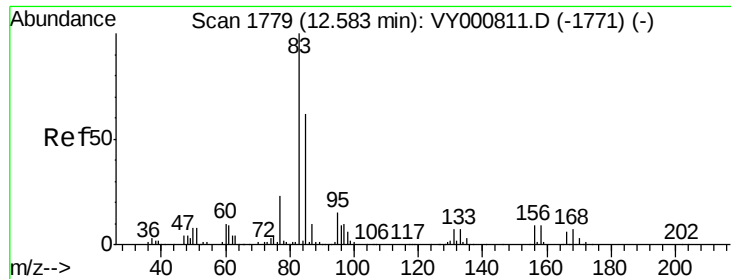
100000

50000

0

Time-->





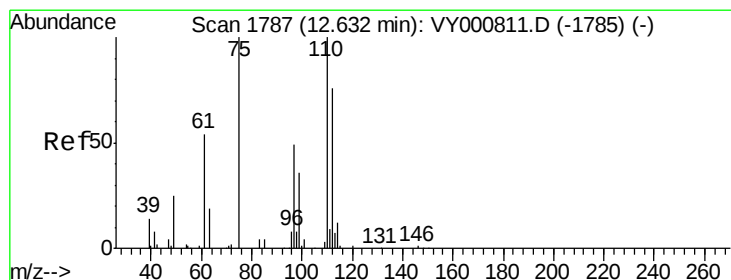
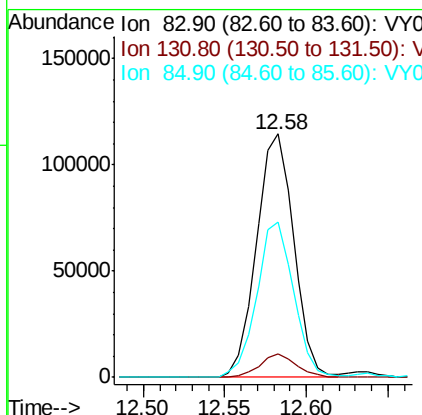
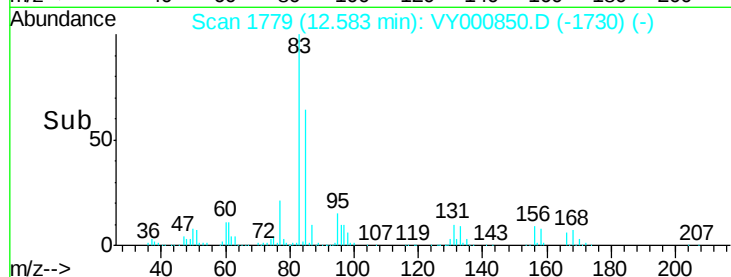
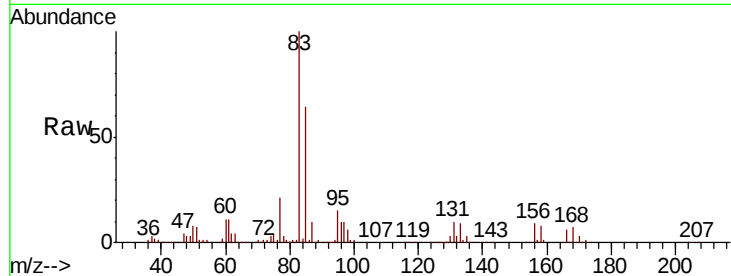
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.480 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	182453		
131	9.4	4.3	13.1	
85	63.3	32.4	97.0	

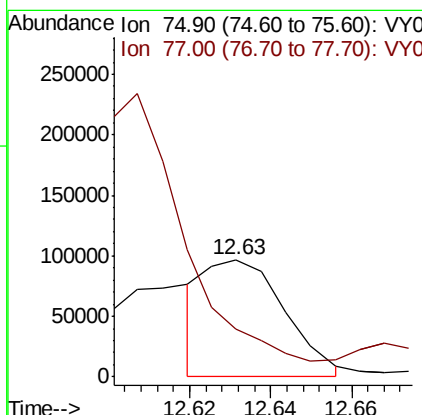
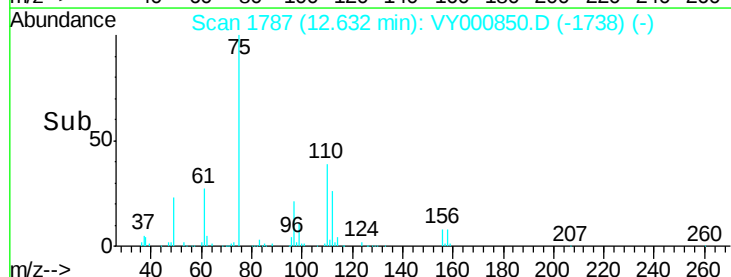
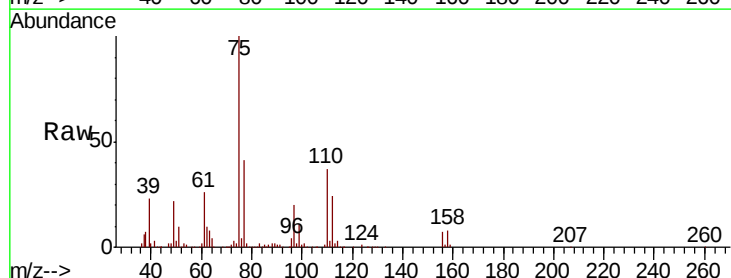
Manual Integrations
 APPROVED

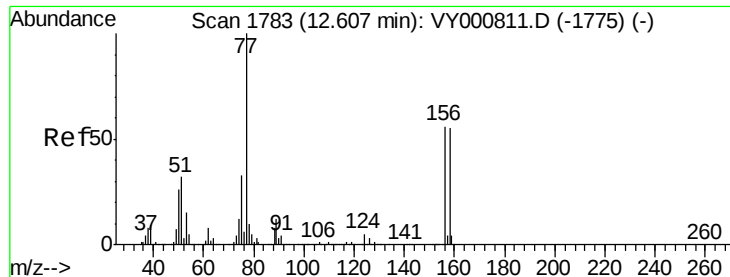
MMDadoda
 12/4/2019 2:06:30 PM



#76
 1,2,3-Trichloropropane
 Concen: 54.141 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	133392		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 54.372 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

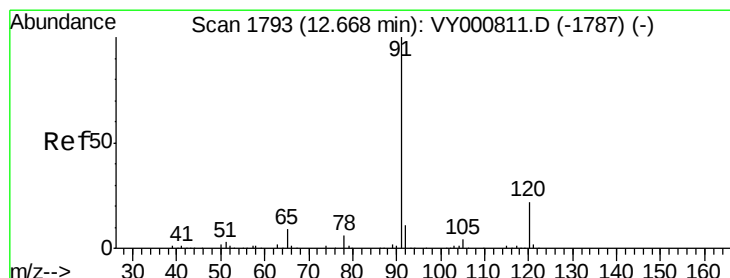
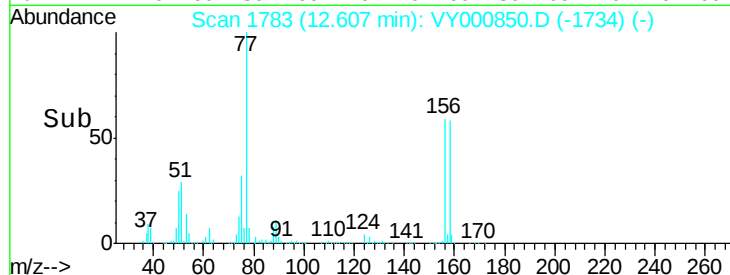
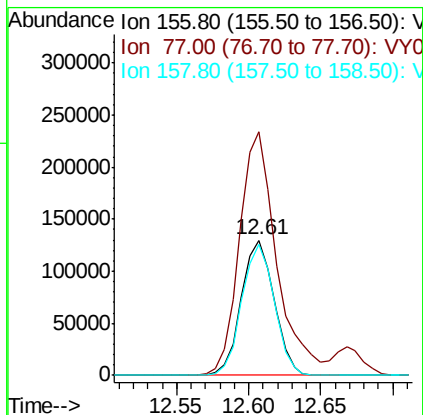
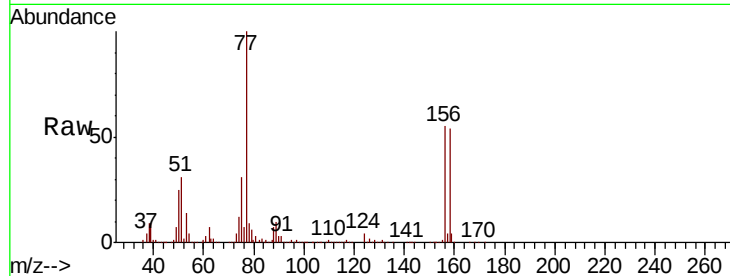
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	204070
Ion	Ratio	Lower	Upper
156	100		
77	204.9	102.6	307.7
158	96.6	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.034 ug/l

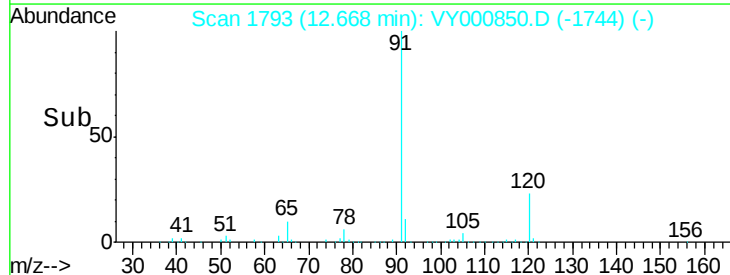
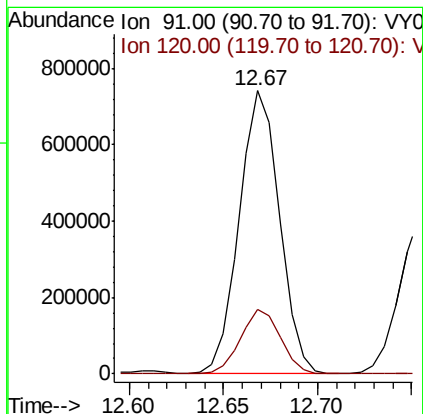
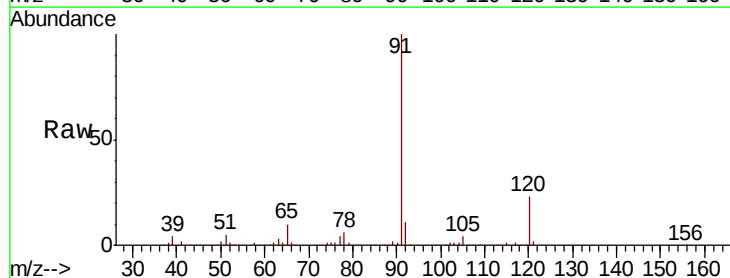
RT: 12.67 min Scan# 1793

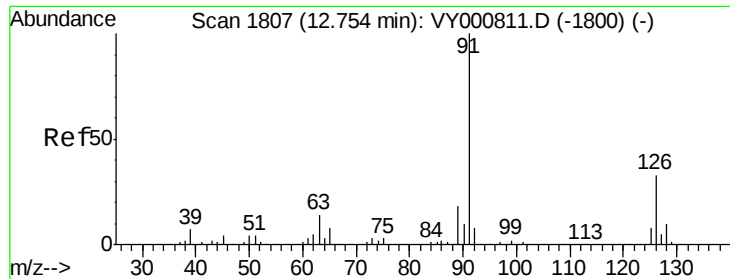
Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Tgt Ion:	91	Resp:	1100083
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 52.587 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 614202

Ion Ratio Lower Upper

91 100

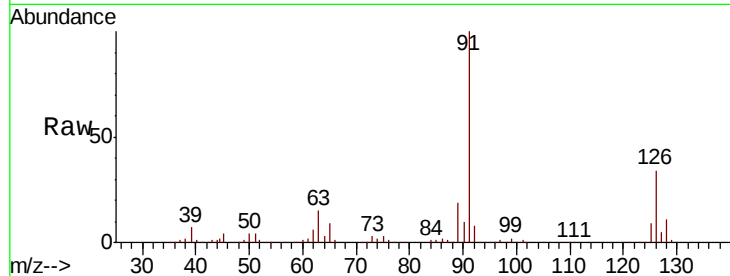
126 34.3 17.0 51.0

Manual Integrations

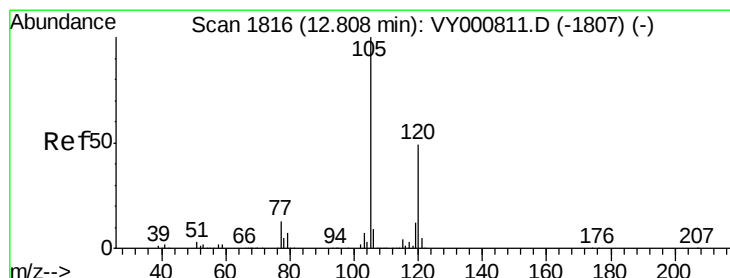
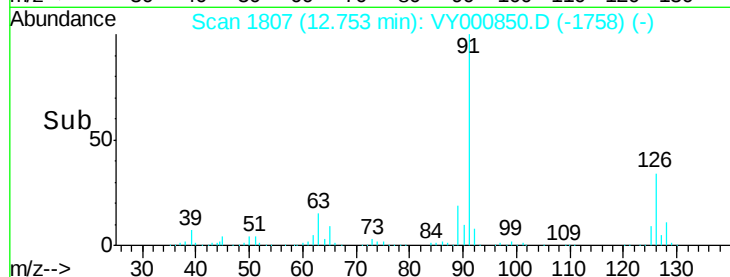
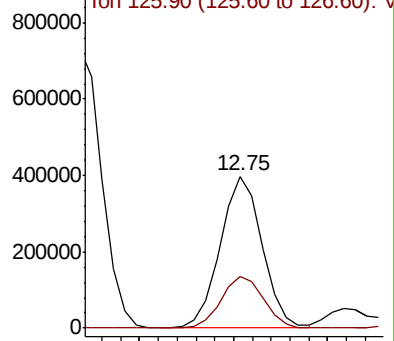
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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.148 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000850.D

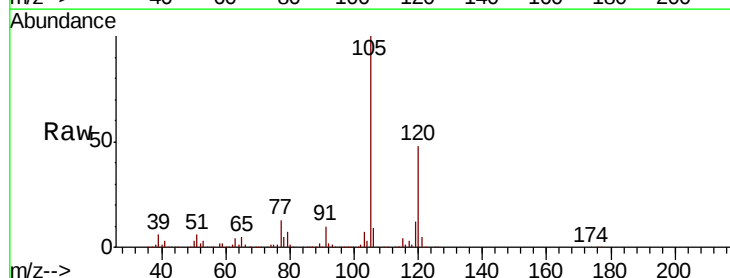
Acq: 03 Dec 2019 19:38

Tgt Ion: 105 Resp: 747598

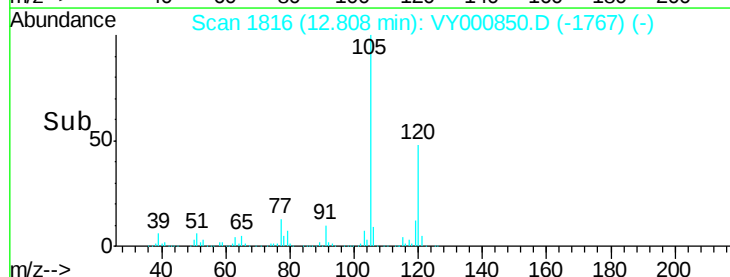
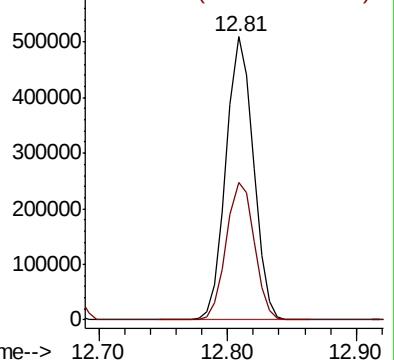
Ion Ratio Lower Upper

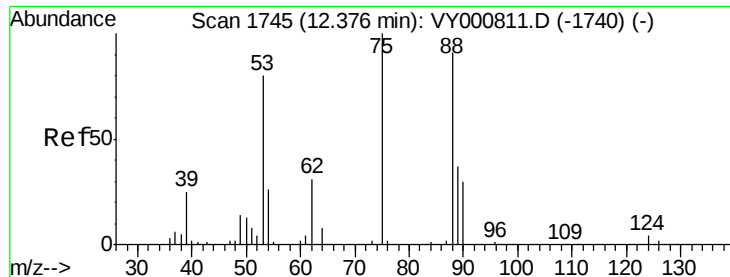
105 100

120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)





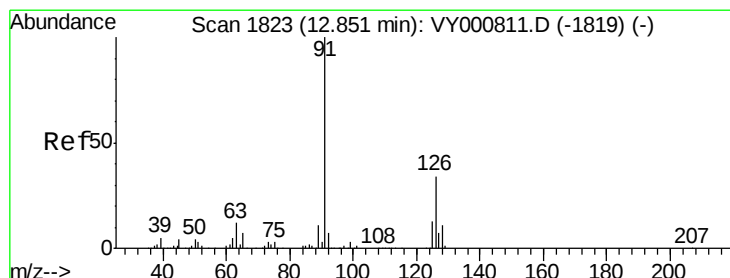
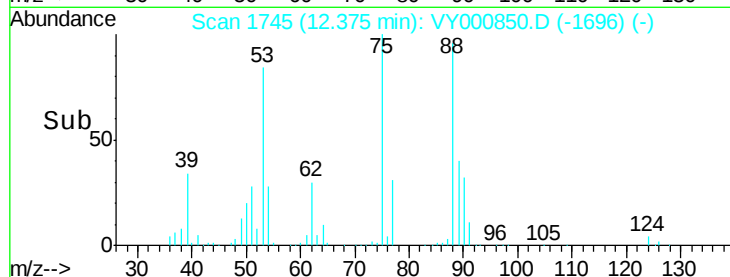
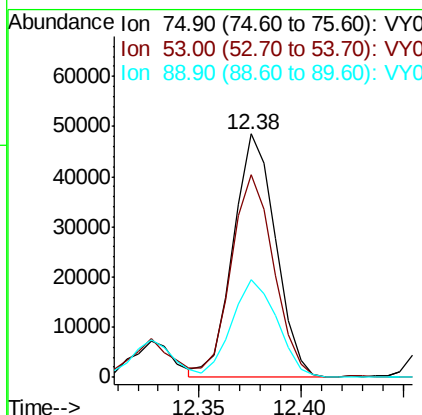
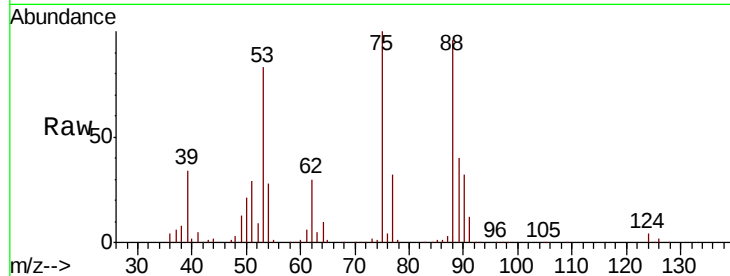
#81
trans-1,4-Dichloro-2-butene
Concen: 55.251 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.9	64.6	96.8
89	43.0	33.6	50.4

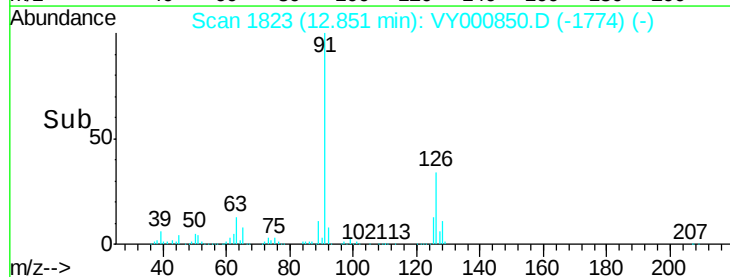
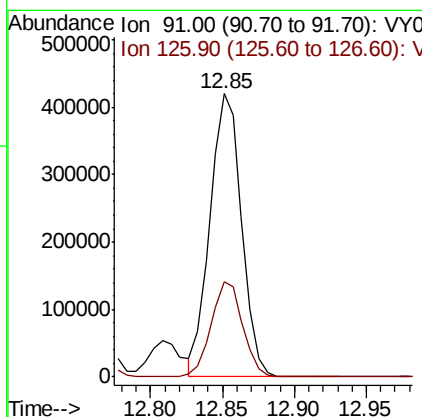
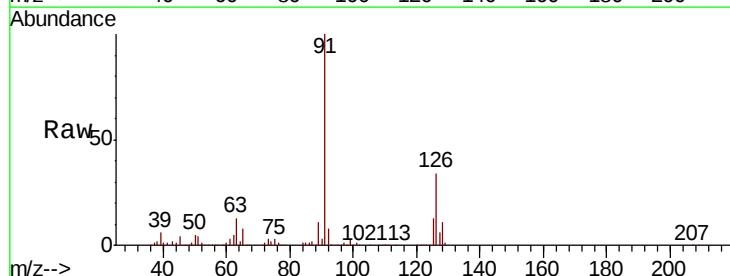
Manual Integrations
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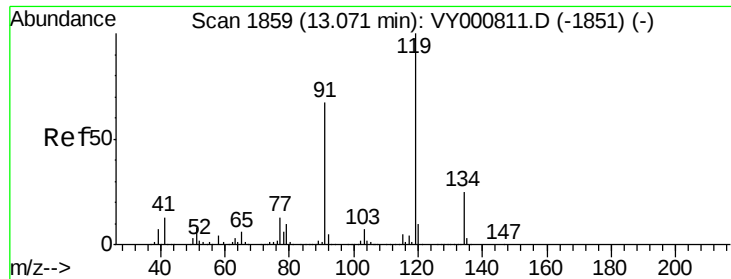
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#82
4-Chlorotoluene
Concen: 53.241 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.3	51.9





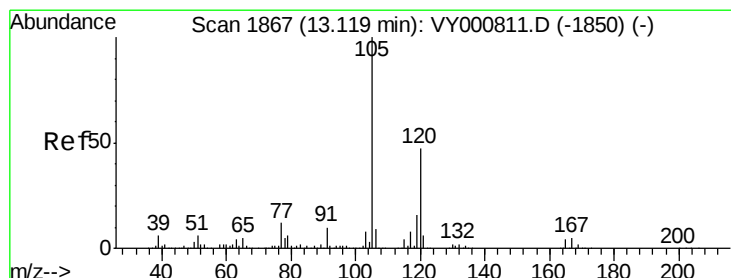
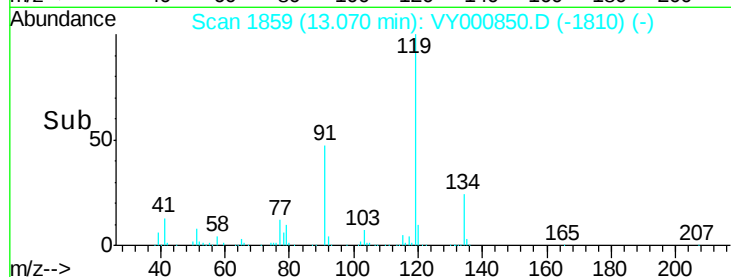
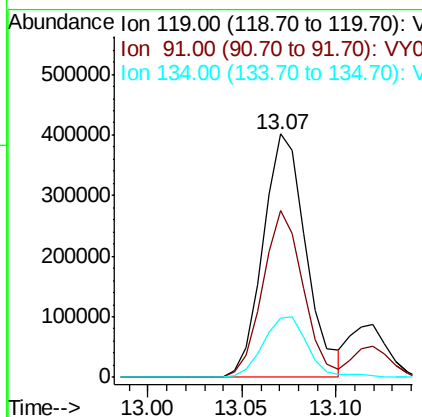
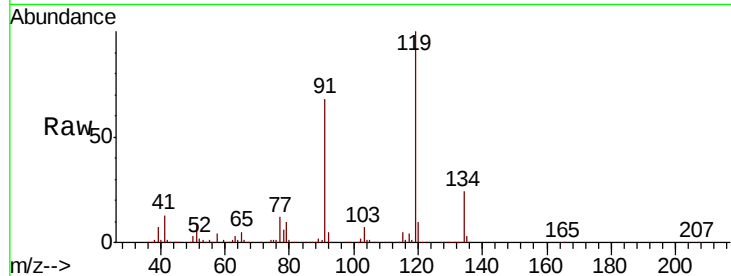
#83
tert-Butylbenzene
Concen: 52.638 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.3	96.8
134	26.1	12.9	38.7

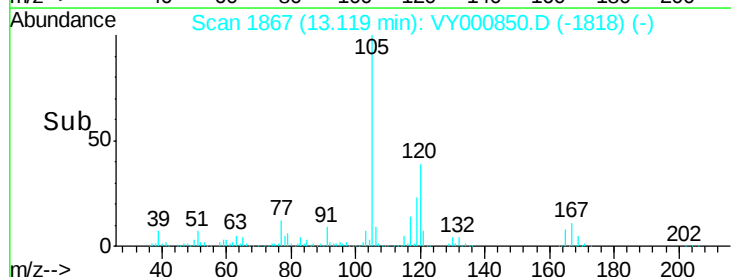
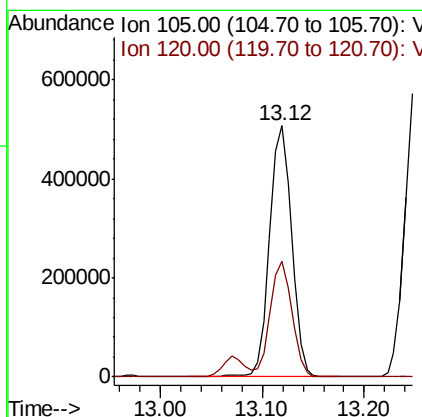
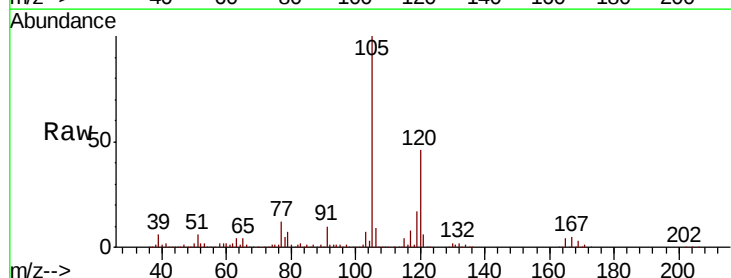
Manual Integrations
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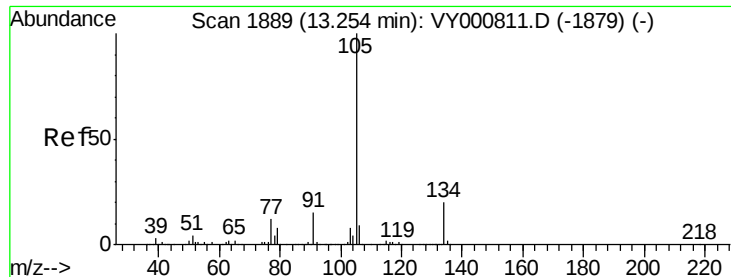
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.879 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.8





#85

sec-Butylbenzene

Concen: 52.290 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 916620

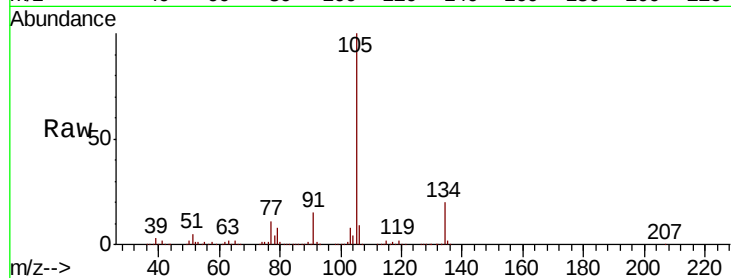
Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1

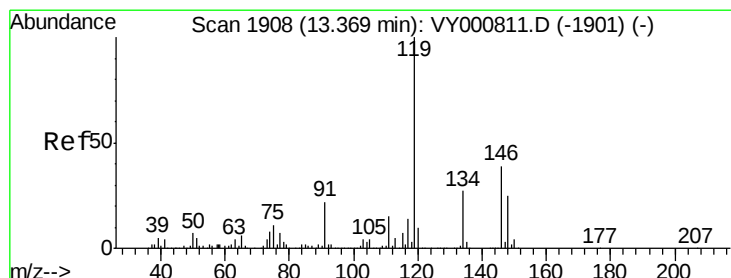
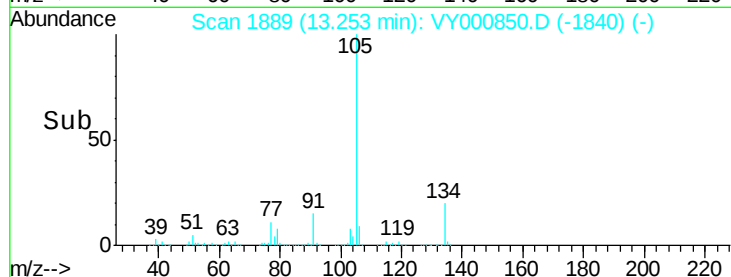
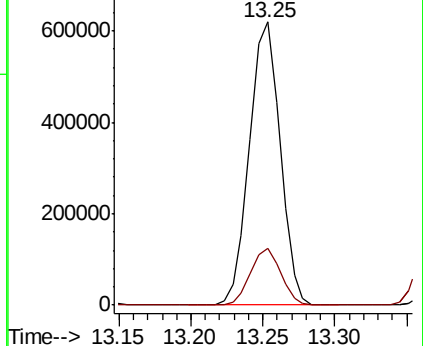
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.386 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000850.D

Acq: 03 Dec 2019 19:38

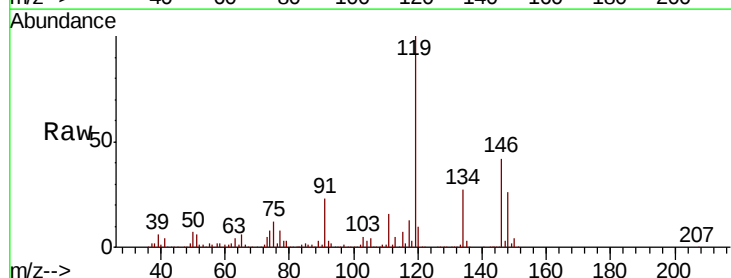
Tgt Ion:119 Resp: 798722

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

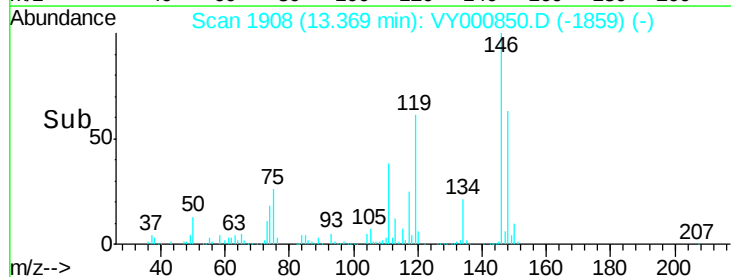
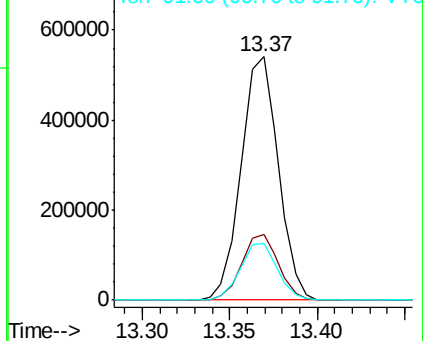
91 23.2 11.5 34.5

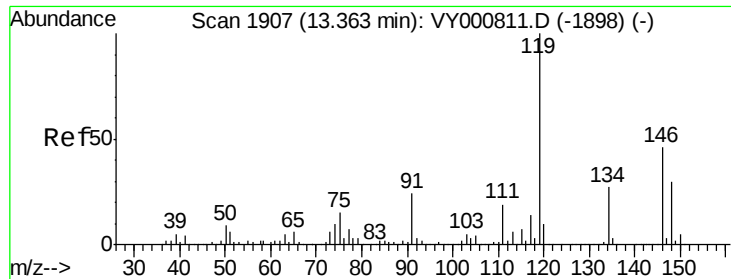


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





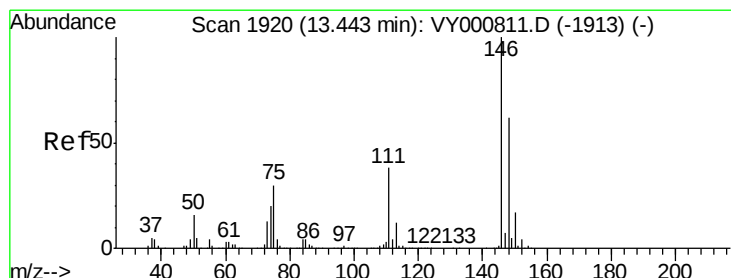
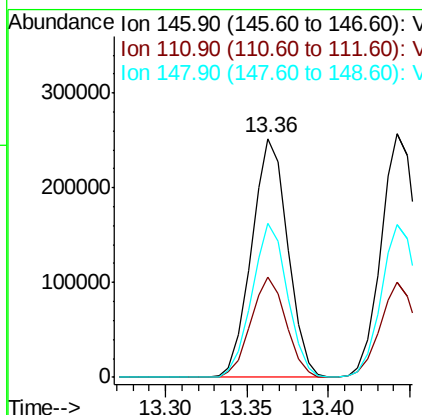
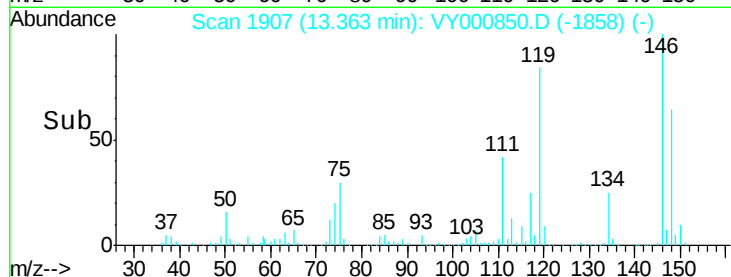
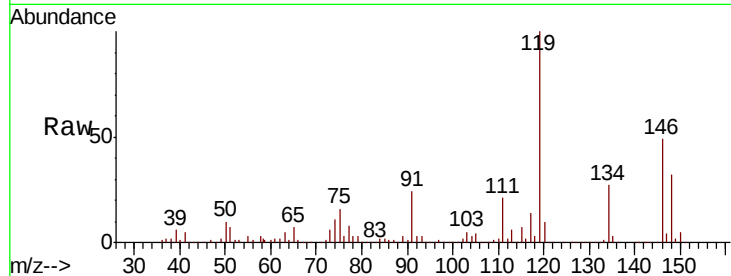
#87
 1,3-Dichlorobenzene
 Concen: 52.696 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	60.0
148	63.1	32.1	96.5

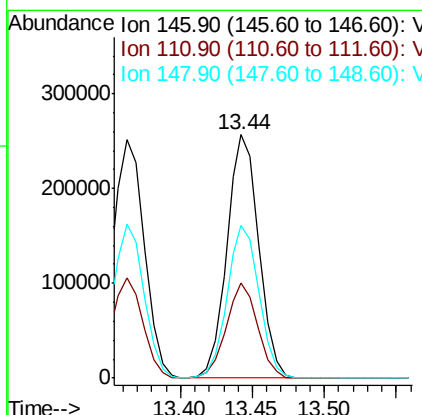
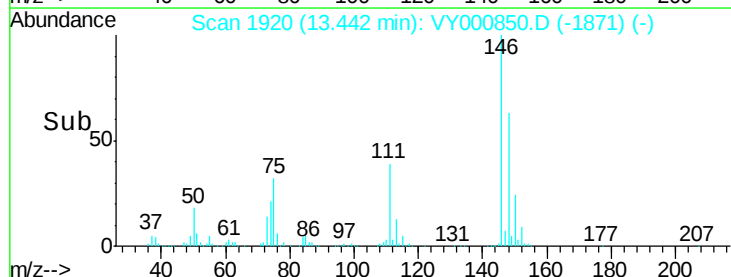
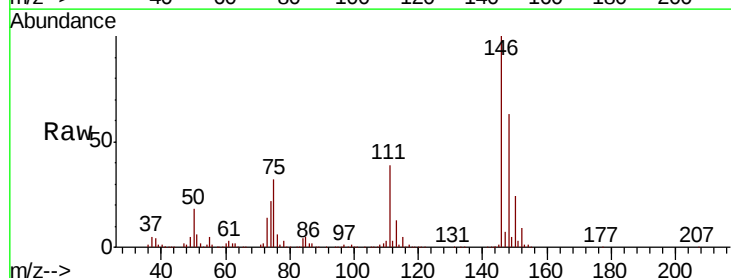
Manual Integrations
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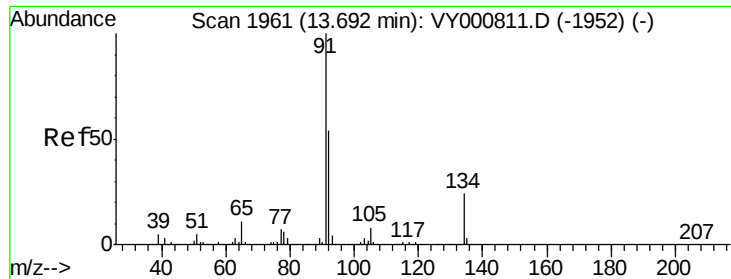
MMDadoda
 12/4/2019 2:06:30 PM



#88
 1,4-Dichlorobenzene
 Concen: 54.387 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	62.9	31.7	95.1





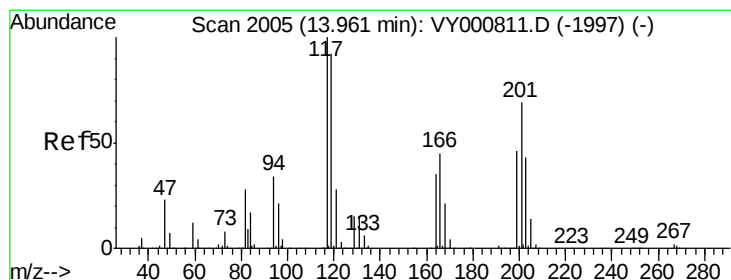
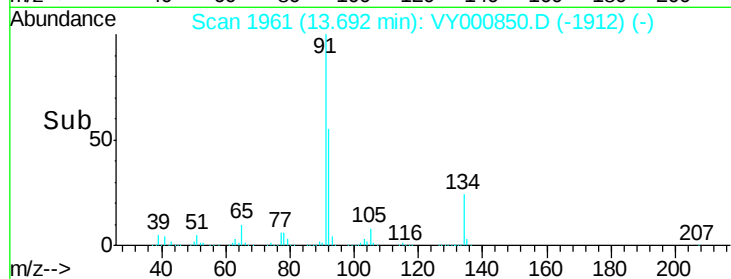
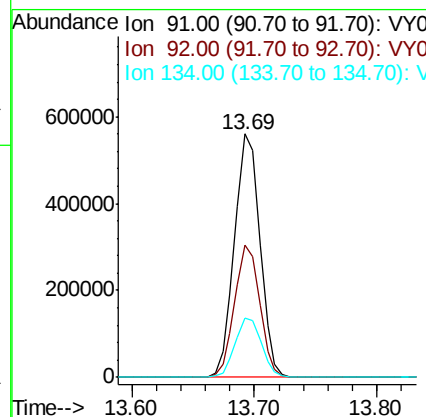
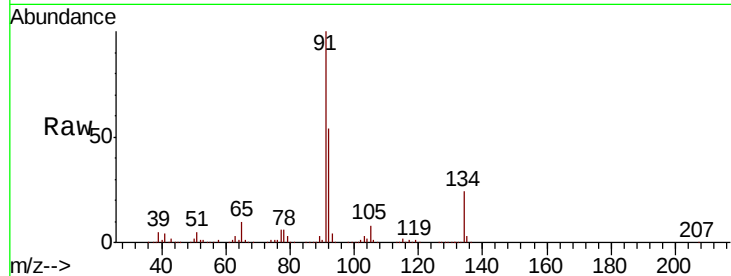
#89
n-Butylbenzene
Concen: 52.164 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	25.1	12.6	37.6

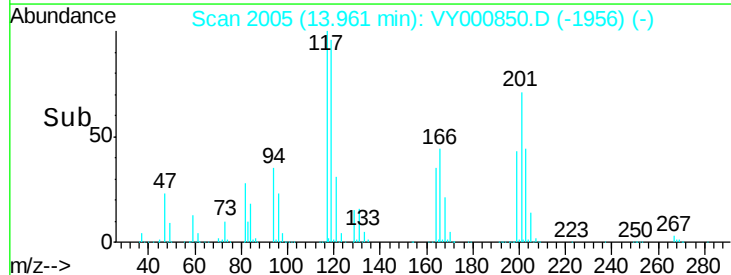
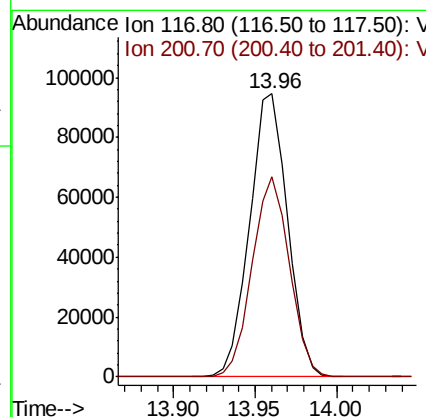
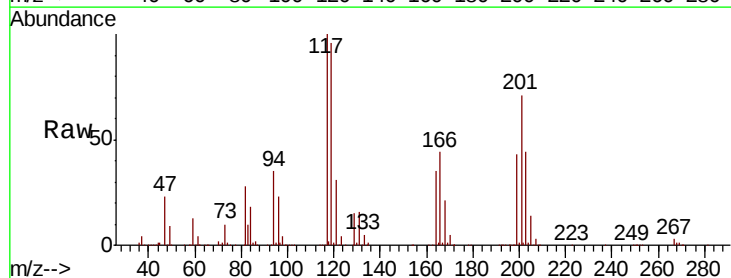
Manual Integrations
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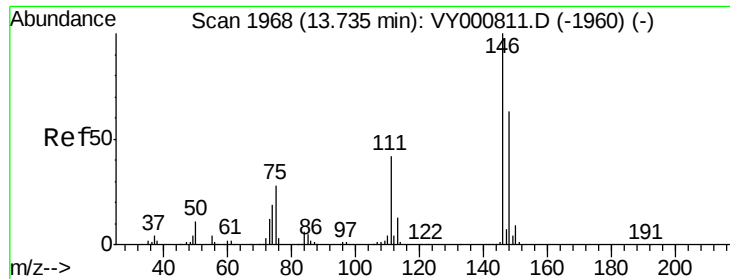
MMDadoda
12/4/2019 2:06:30 PM



#90
Hexachloroethane
Concen: 54.406 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.9	34.0	102.0





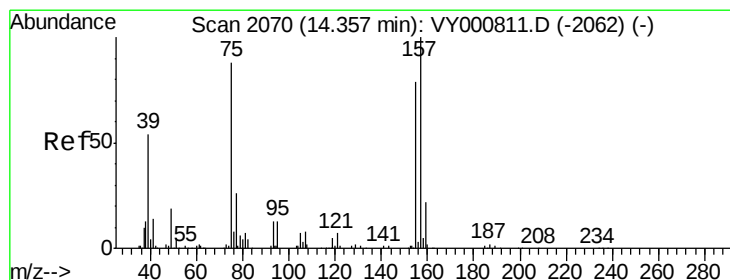
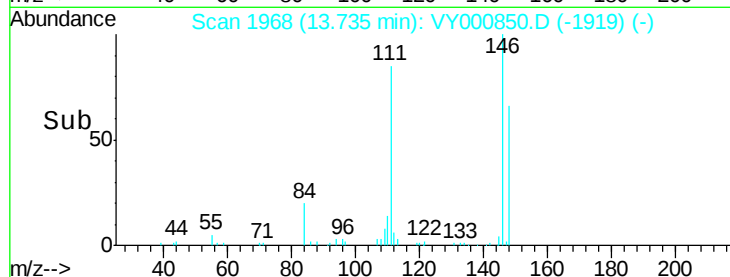
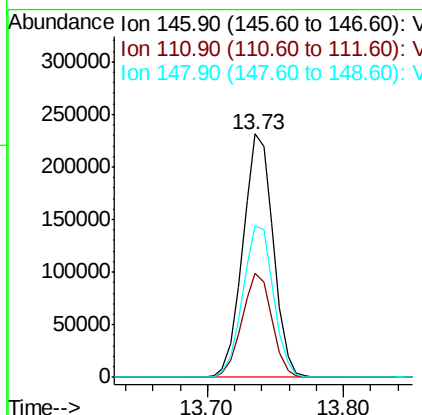
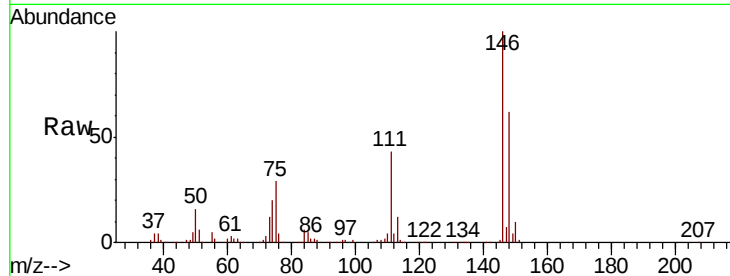
#91
 1,2-Dichlorobenzene
 Concen: 54.298 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.9	62.7
148	63.3	32.1	96.3

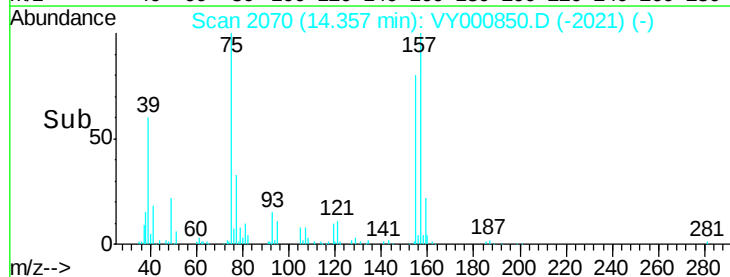
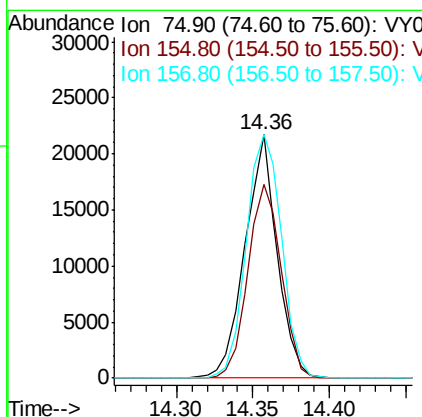
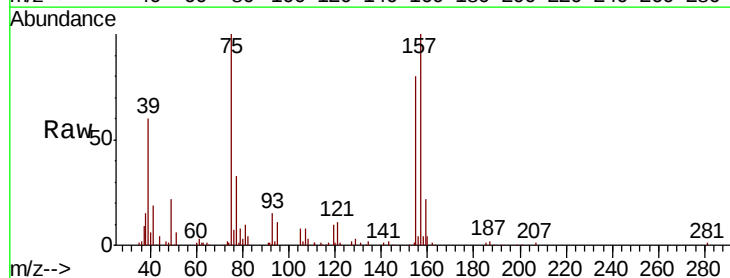
Manual Integrations
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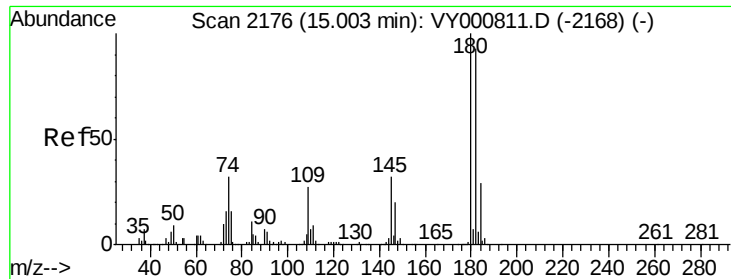
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.294 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	44.3	132.9
157	110.1	56.3	168.9





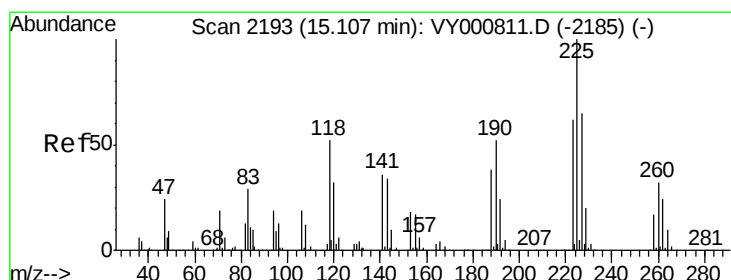
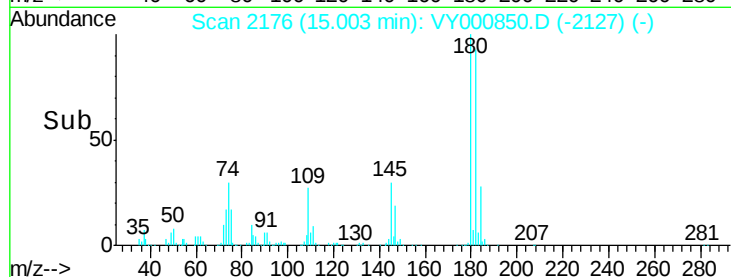
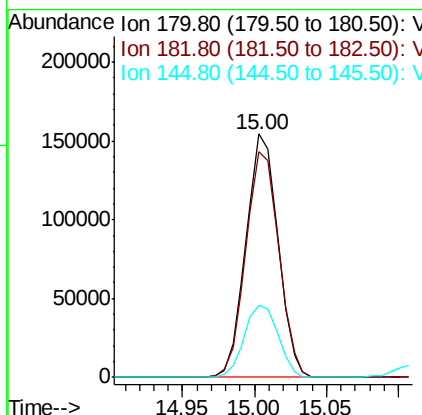
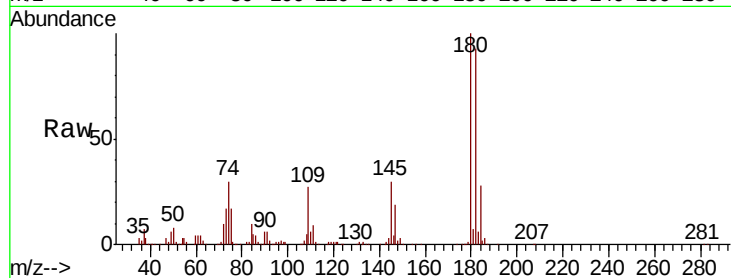
#93
 1,2,4-Trichlorobenzene
 Concen: 53.078 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	141.9	
145	31.4	16.0	47.9	

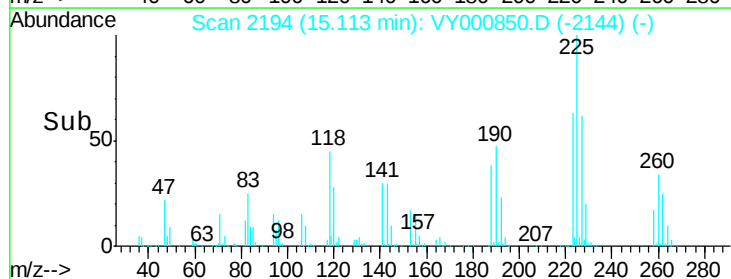
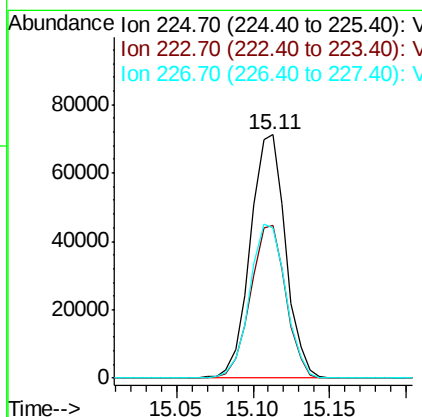
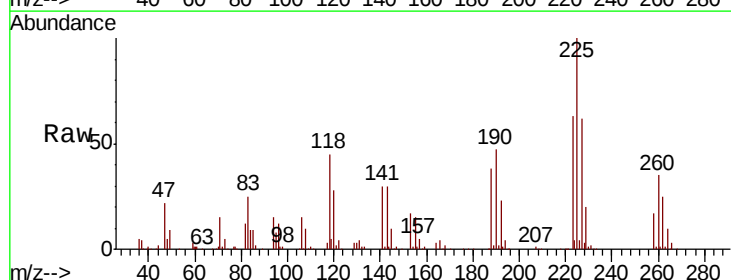
Manual Integrations
 APPROVED

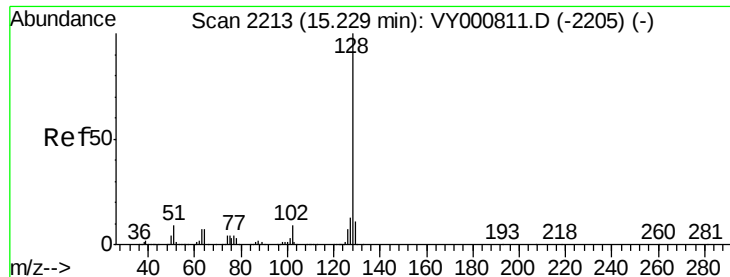
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 51.374 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000850.D
 Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.4	94.3	
227	64.7	31.8	95.3	





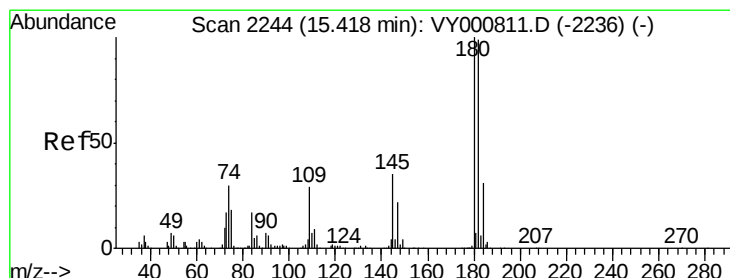
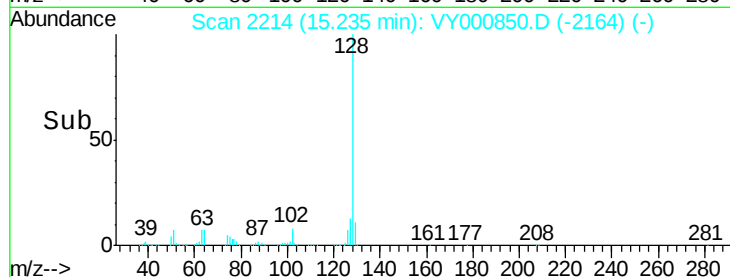
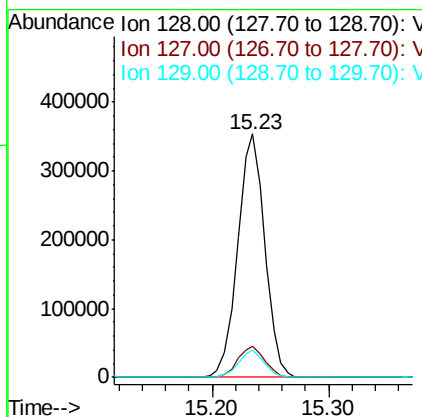
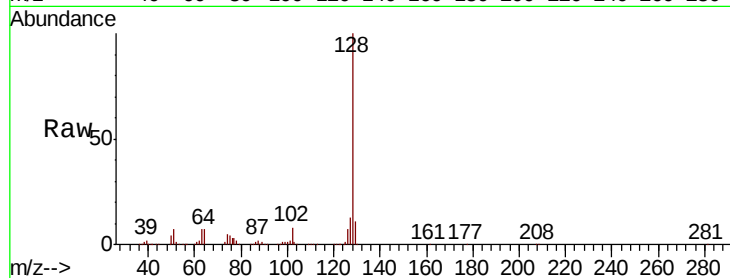
#95
Naphthalene
Concen: 55.006 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.6	8.8	13.2

Manual Integrations
APPROVED

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12/4/2019 2:06:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.481 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000850.D
Acq: 03 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.0
145	32.0	16.9	50.6

