

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112219\
 Data File : VY000784.D
 Acq On : 22 Nov 2019 11:43
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 1:33:59 AM

Quant Time: Nov 23 04:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	318027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	555508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233272	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	157249	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.73	113	154805	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.18	98	640830	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.48	95	226743	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54878	17.529	ug/l	96
3) Chloromethane	2.12	50	74554	17.287	ug/l	97
4) Vinyl Chloride	2.25	62	74354	18.566	ug/l	98
5) Bromomethane	2.65	94	48921	20.371	ug/l	96
6) Chloroethane	2.79	64	48062	19.175	ug/l #	87
7) Trichlorofluoromethane	3.13	101	110860	20.498	ug/l	96
8) Diethyl Ether	3.54	74	41087	21.380	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	68366	20.909	ug/l	96
10) Methyl Iodide	4.09	142	76555	19.849	ug/l	99
11) Tert butyl alcohol	4.96	59	27203m	84.910	ug/l	
12) 1,1-Dichloroethene	3.88	96	66998	21.090	ug/l	90
13) Acrolein	3.74	56	18569	66.540	ug/l	99
14) Allyl chloride	4.49	41	118352	22.912	ug/l	94
15) Acrylonitrile	5.18	53	101777	103.385	ug/l	98
16) Acetone	3.96	43	66619	73.443	ug/l	92
17) Carbon Disulfide	4.20	76	199624	19.924	ug/l	99
18) Methyl Acetate	4.49	43	52106	18.475	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	178665	20.228	ug/l	98
20) Methylene Chloride	4.72	84	82346	21.186	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	75887	21.130	ug/l	98
22) Diisopropyl ether	6.13	45	244894	21.812	ug/l	94
23) Vinyl Acetate	6.07	43	729382	102.912	ug/l	96
24) 1,1-Dichloroethane	6.02	63	134647	22.137	ug/l	99
25) 2-Butanone	7.00	43	124790	86.202	ug/l	99
26) 2,2-Dichloropropane	6.99	77	113509	20.421	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	85809	21.851	ug/l	98
28) Bromochloromethane	7.35	49	34087	15.375	ug/l	92
29) Tetrahydrofuran	7.36	42	83438	94.215	ug/l	99
30) Chloroform	7.52	83	135255	21.982	ug/l	98
31) Cyclohexane	7.79	56	133372	20.935	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	112904	20.589	ug/l	99
36) 1,1-Dichloropropene	7.92	75	104911	19.977	ug/l	98
37) Ethyl Acetate	7.09	43	54269	17.406	ug/l #	95
38) Carbon Tetrachloride	7.91	117	96523	19.102	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	134908	19.885	ug/l	91
40) Benzene	8.17	78	315465	20.490	ug/l	98
41) Methacrylonitrile	7.32	41	24098m	13.855	ug/l	
42) 1,2-Dichloroethane	8.25	62	80861	18.517	ug/l	97
43) Isopropyl Acetate	8.28	43	104363	17.819	ug/l	97
44) Trichloroethene	8.94	130	83639	20.604	ug/l	95
45) 1,2-Dichloropropane	9.22	63	79841	21.070	ug/l	97
46) Dibromomethane	9.31	93	39997	19.193	ug/l	96
47) Bromodichloromethane	9.50	83	97554	19.728	ug/l	99
48) Methyl methacrylate	9.30	41	46124	18.024	ug/l	94
49) 1,4-Dioxane	9.31	88	10548	376.082	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	273137	87.714	ug/l	97
52) Toluene	10.25	92	198573	20.400	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	104054	19.694	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	120640	19.931	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	58125	19.284	ug/l	94
56) Ethyl methacrylate	10.51	69	80784	18.909	ug/l	97
57) 1,3-Dichloropropane	10.79	76	105082	19.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	187935	97.306	ug/l	98
59) 2-Hexanone	10.83	43	187530	82.656	ug/l	96
60) Dibromochloromethane	10.99	129	62381	18.068	ug/l	98
61) 1,2-Dibromoethane	11.09	107	54891	18.940	ug/l	94
64) Tetrachloroethene	10.72	164	83061	20.547	ug/l	95
65) Chlorobenzene	11.52	112	201071	20.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	69381	20.183	ug/l	100
67) Ethyl Benzene	11.59	91	385365	21.125	ug/l	96
68) m/p-Xylenes	11.70	106	288511	40.863	ug/l	98
69) o-Xylene	12.03	106	135594	20.434	ug/l	99
70) Styrene	12.04	104	225435	19.840	ug/l	98
71) Bromoform	12.20	173	37257	18.843	ug/l #	97
73) Isopropylbenzene	12.33	105	366142	21.237	ug/l	100
74) N-amyl acetate	12.14	43	91011	18.432	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	64646	18.937	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	47821m	18.004	ug/l	
77) Bromobenzene	12.61	156	80689	20.638	ug/l	98
78) n-propylbenzene	12.67	91	451002	21.681	ug/l	100
79) 2-Chlorotoluene	12.75	91	248329	21.503	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	307895	21.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	23304	19.672	ug/l	96
82) 4-Chlorotoluene	12.85	91	256092	21.393	ug/l	97
83) tert-Butylbenzene	13.07	119	262617	21.420	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	309449	21.645	ug/l	99
85) sec-Butylbenzene	13.25	105	376822	21.573	ug/l	98
86) p-Isopropyltoluene	13.37	119	330517	21.231	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	157871	20.616	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	157794	20.621	ug/l	99
89) n-Butylbenzene	13.69	91	334559	21.789	ug/l	99
90) Hexachloroethane	13.96	117	57573	20.005	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	139677	20.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10179	16.849	ug/l	98

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MSVOA_Y
ClientSampleId :
VY1122SBSD01

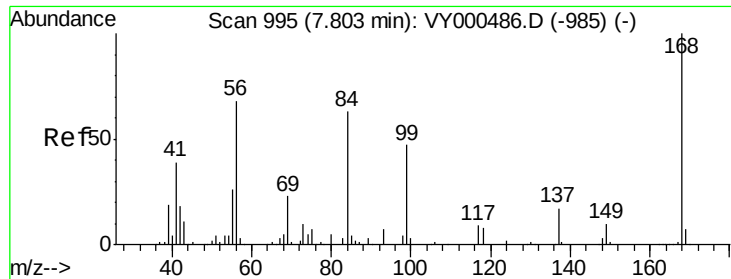
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97186	20.543	ug/l	97
94) Hexachlorobutadiene	15.11	225	49548	20.318	ug/l	98
95) Naphthalene	15.23	128	213464	20.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87534	20.624	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: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion:168 Resp: 318027

Ion Ratio Lower Upper

168 100

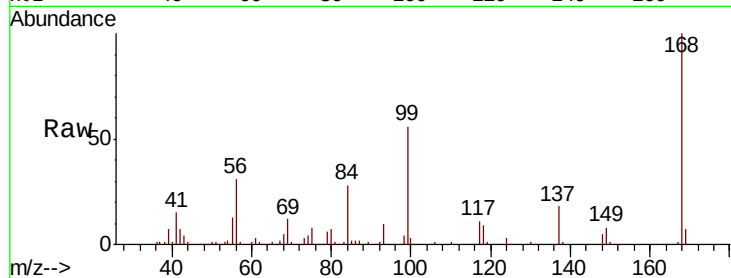
99 56.0 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

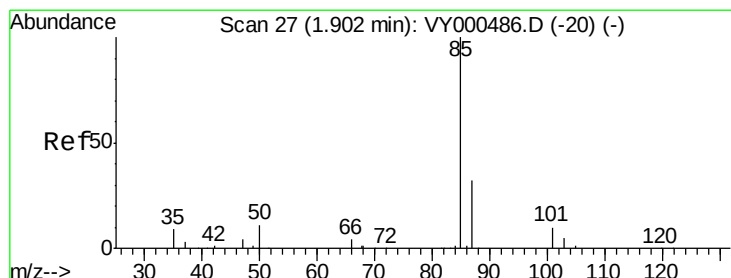
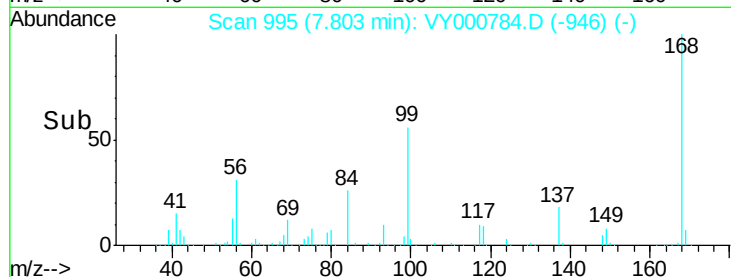
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.529 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000784.D

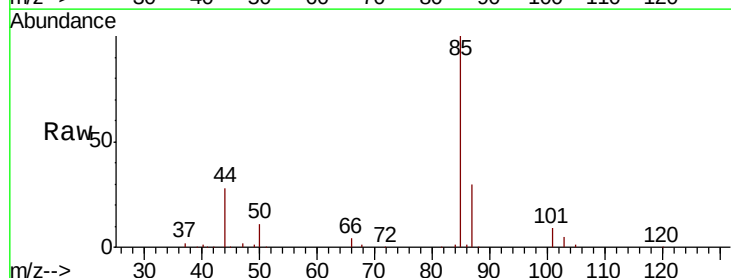
Acq: 22 Nov 2019 11:43

Tgt Ion: 85 Resp: 54878

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

40000

30000

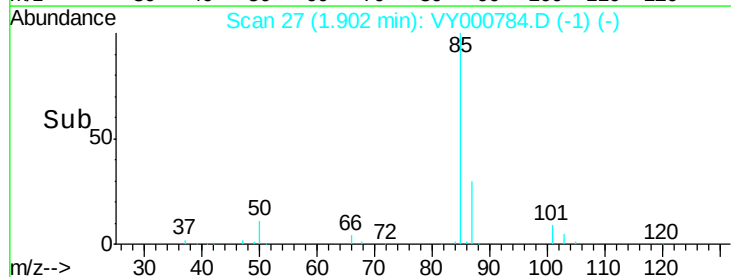
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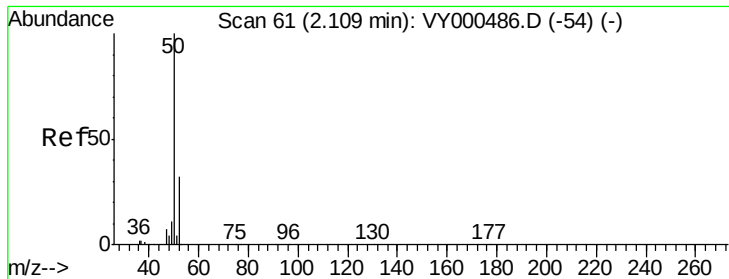
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 17.287 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 50 Resp: 74554

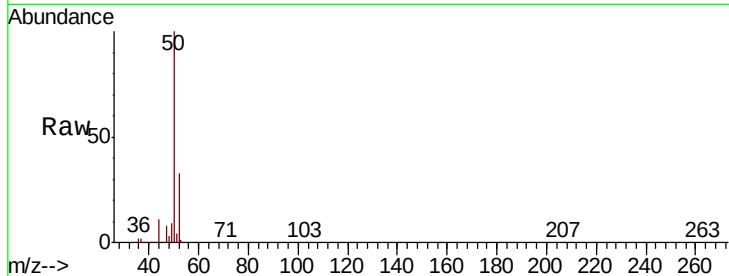
Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8

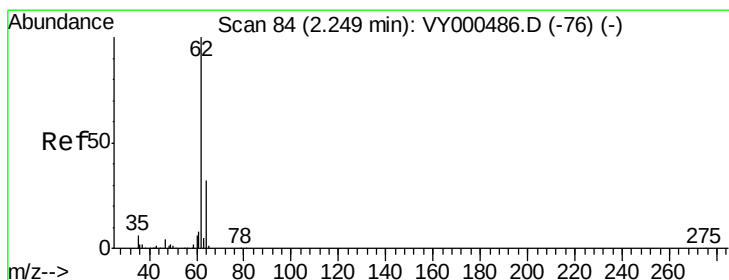
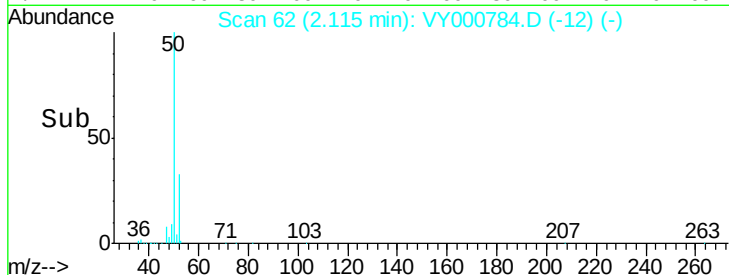
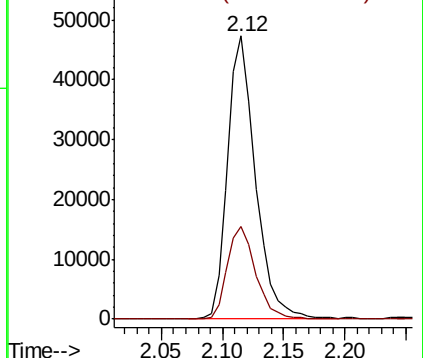
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.566 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000784.D

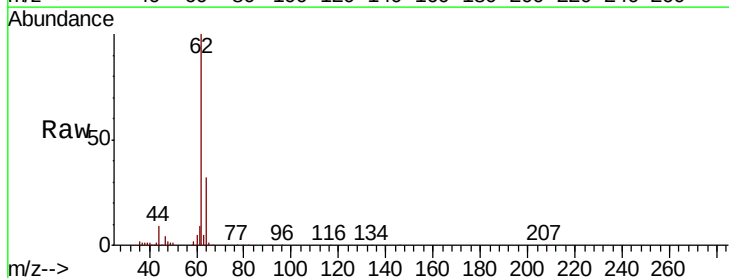
Acq: 22 Nov 2019 11:43

Tgt Ion: 62 Resp: 74354

Ion Ratio Lower Upper

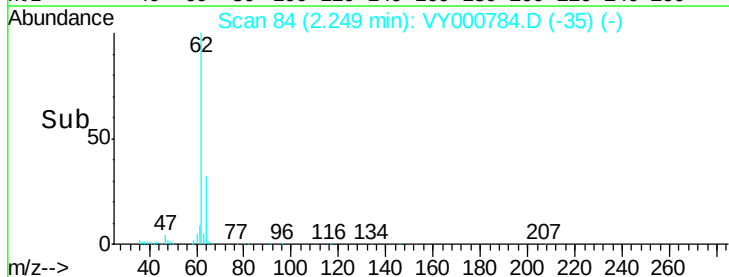
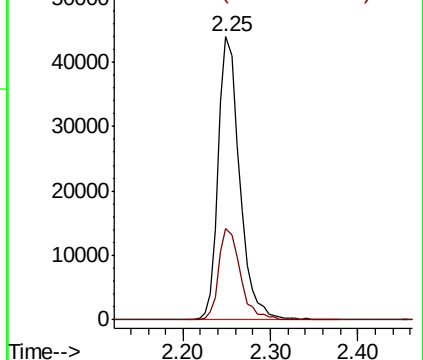
62 100

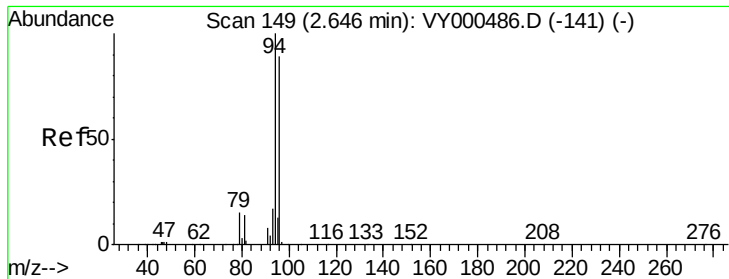
64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.371 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 94 Resp: 48921

Ion Ratio Lower Upper

94 100

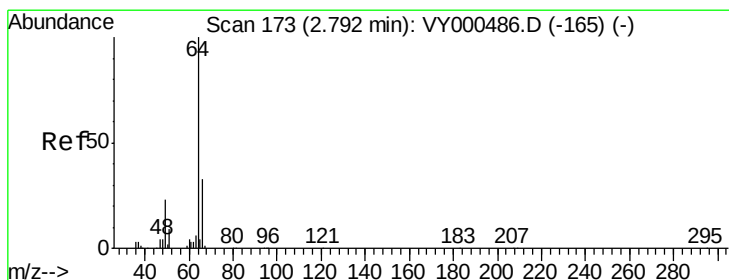
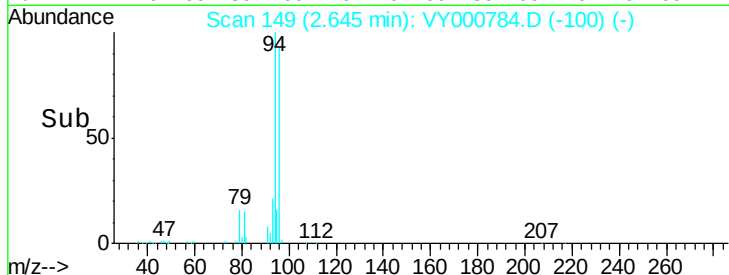
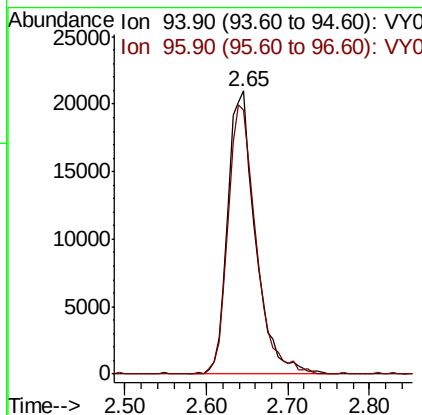
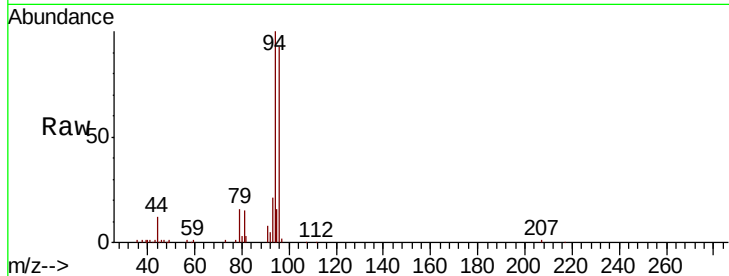
96 93.0 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 19.175 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000784.D

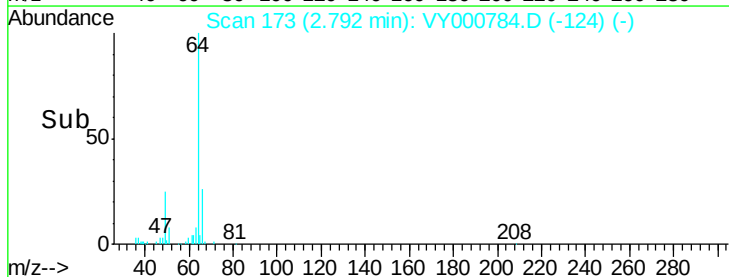
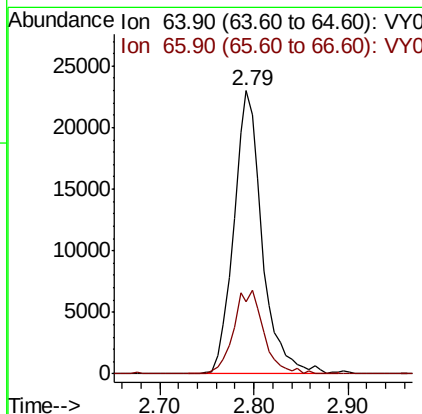
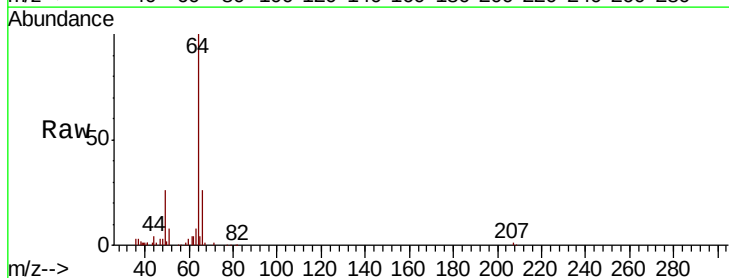
Acq: 22 Nov 2019 11:43

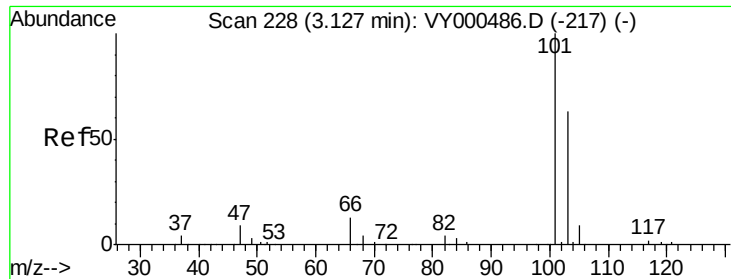
Tgt Ion: 64 Resp: 48062

Ion Ratio Lower Upper

64 100

66 25.7 26.6 40.0#





#7

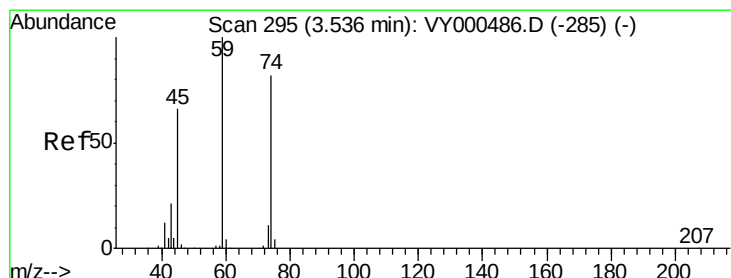
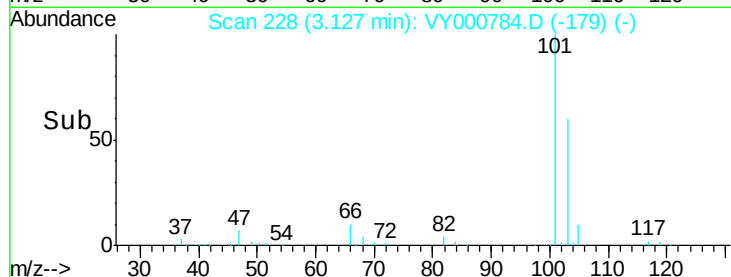
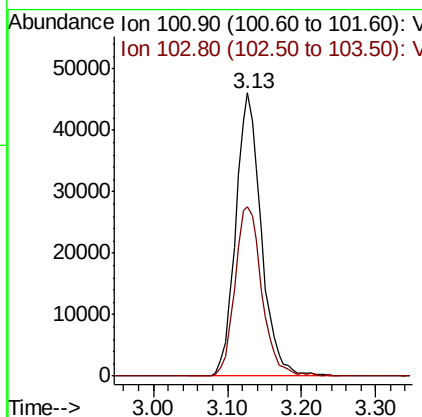
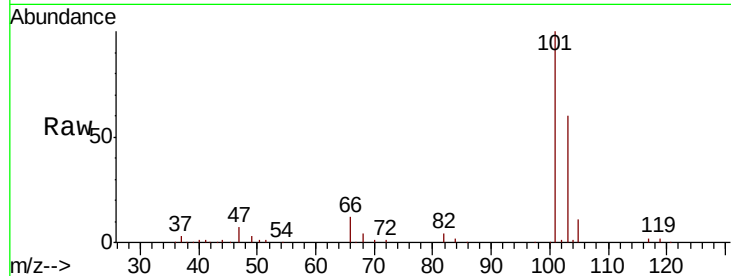
Trichlorofluoromethane
Concen: 20.498 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
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ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.7	50.5	75.7

Manual Integrations
APPROVED

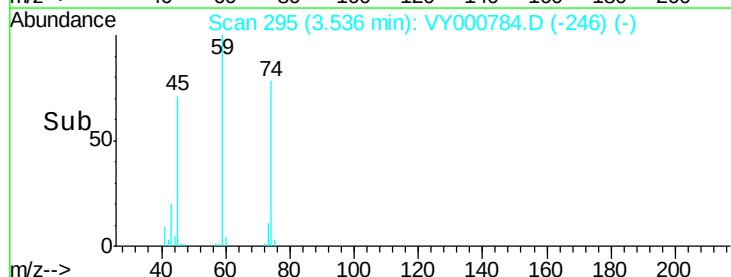
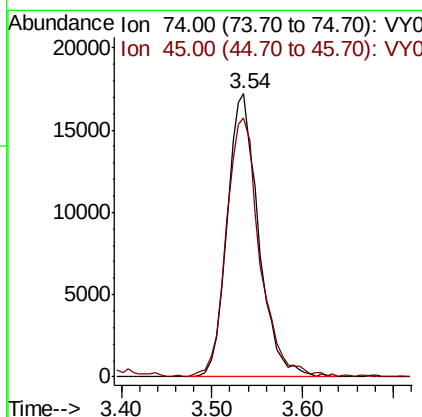
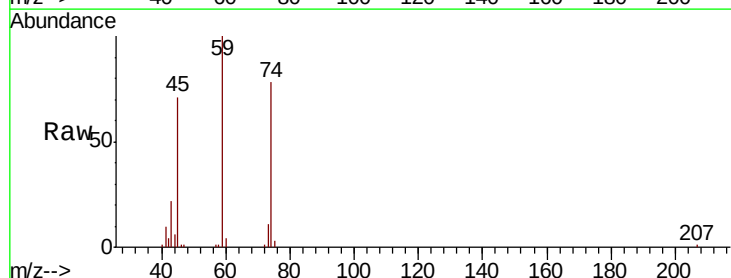
MMDadoda
11/26/2019 1:33:59 AM

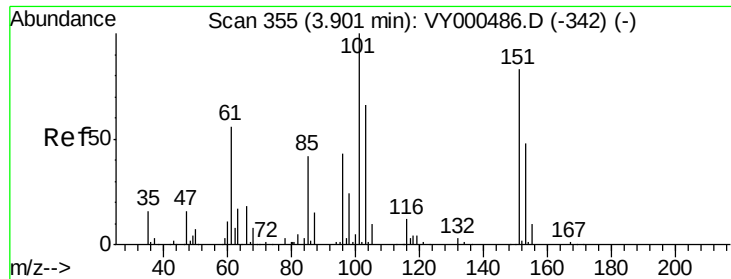


#8

Diethyl Ether
Concen: 21.380 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.909 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

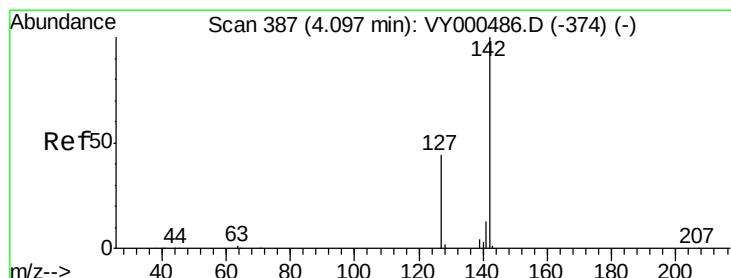
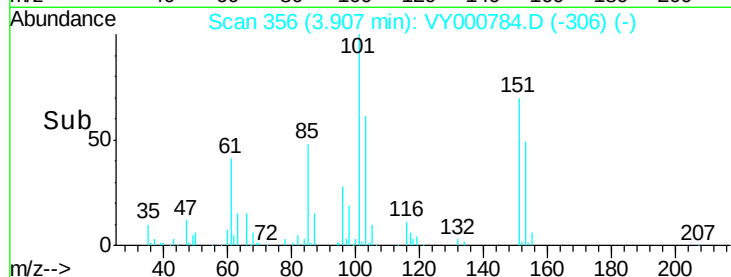
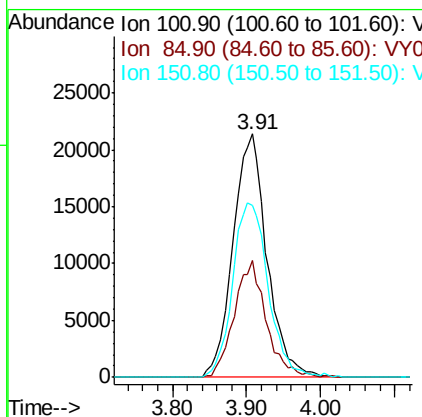
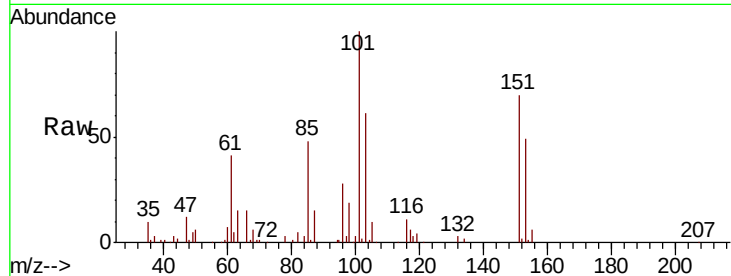
ClientSampleId :

VY1122SBS01

Tot Ion:	101	Resp:	68366
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.7	55.1
151	74.9	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.849 ug/l

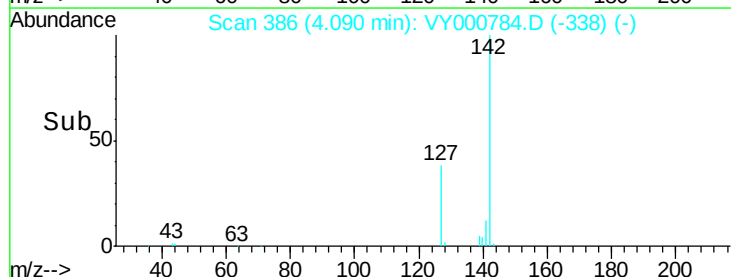
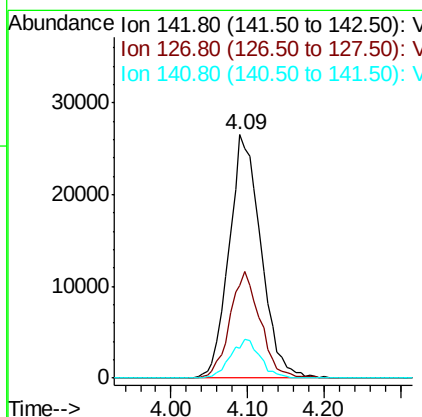
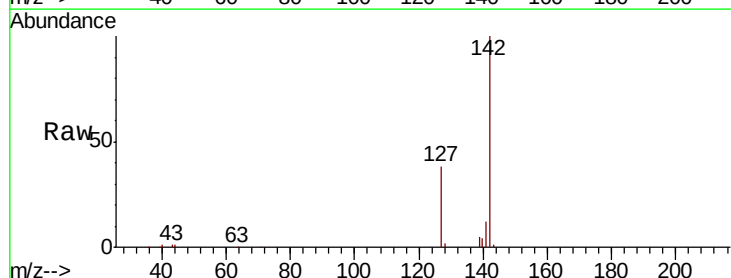
RT: 4.09 min Scan# 386

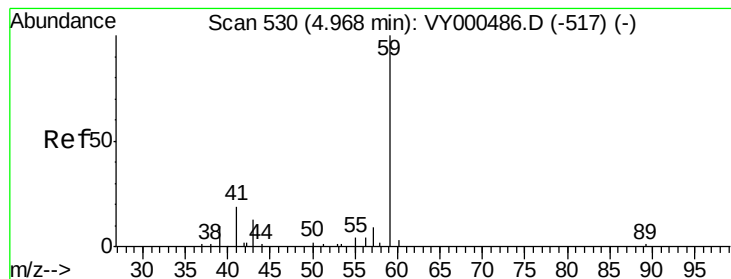
Delta R.T. -0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion:	142	Resp:	76555
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.7	50.5
141	14.7	10.9	16.3





#11

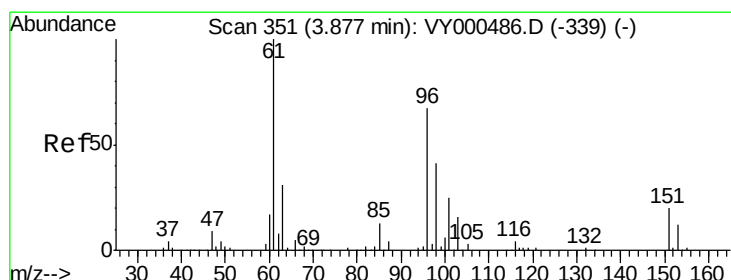
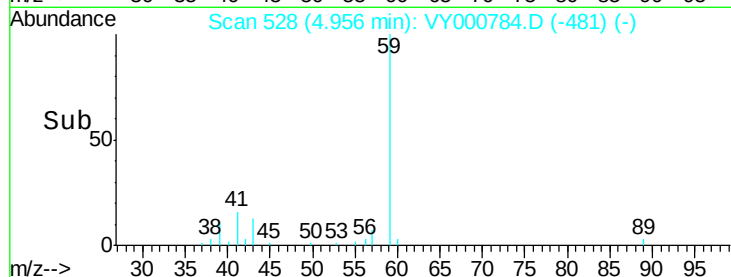
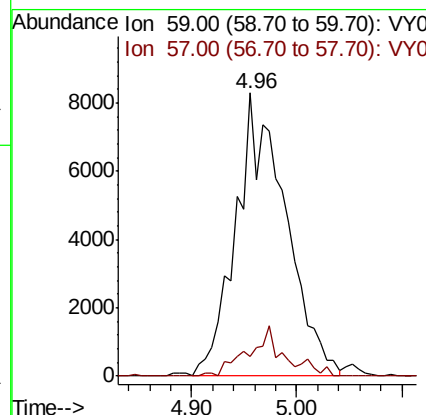
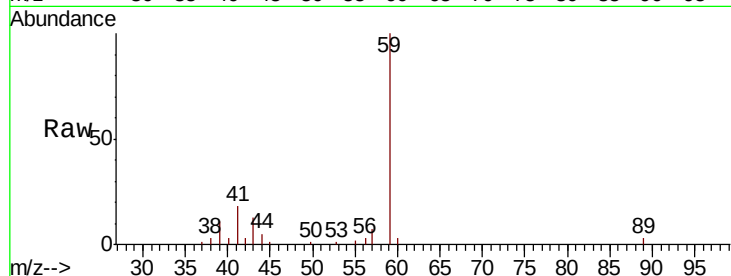
Tert butyl alcohol
Concen: 84.910 ug/l m
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

Manual Integrations
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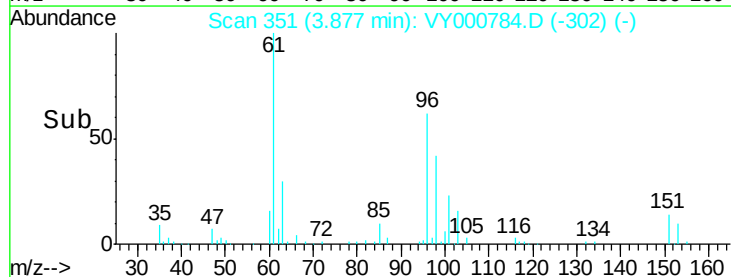
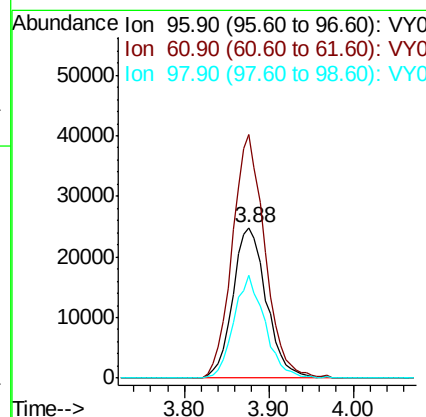
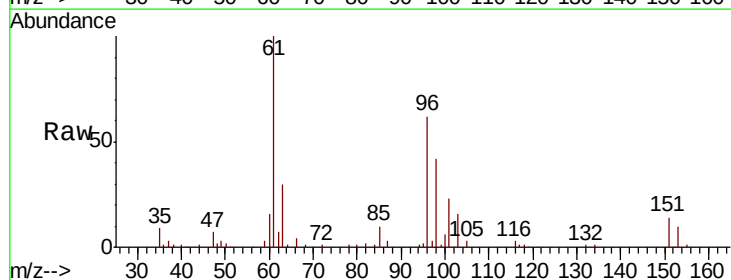
MMDadoda
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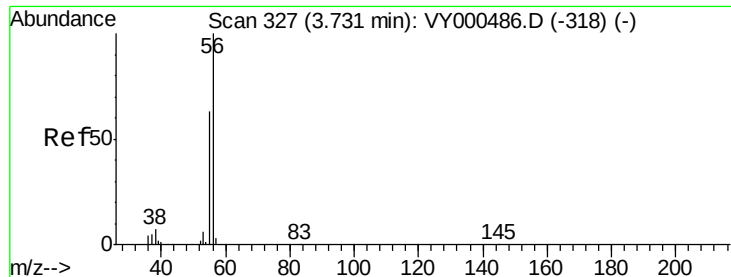


#12

1,1-Dichloroethene
Concen: 21.090 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	119.2	178.8
98	68.4	48.6	73.0





#13

Acrolein

Concen: 66.540 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 56 Resp: 18569

Ion Ratio Lower Upper

56 100

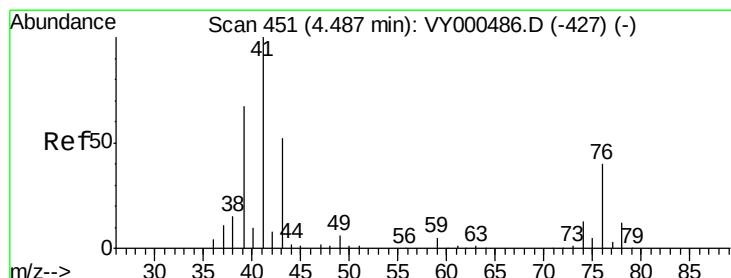
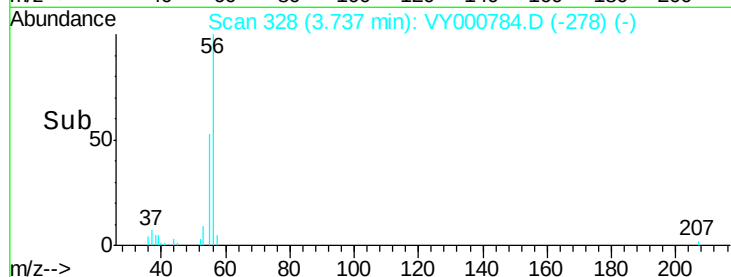
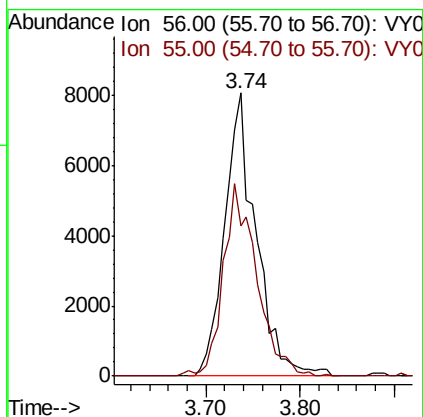
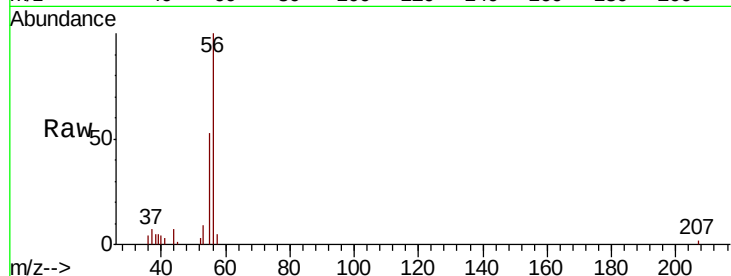
55 72.4 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 22.912 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

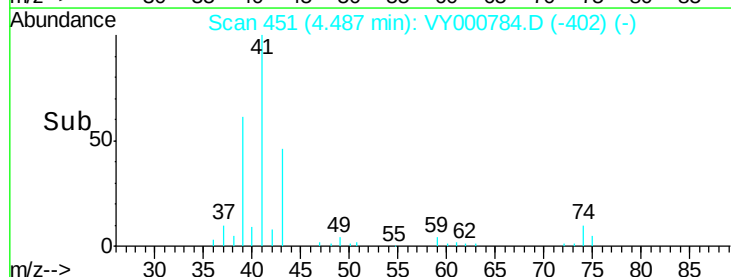
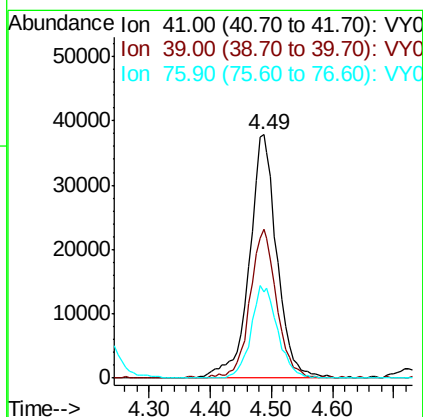
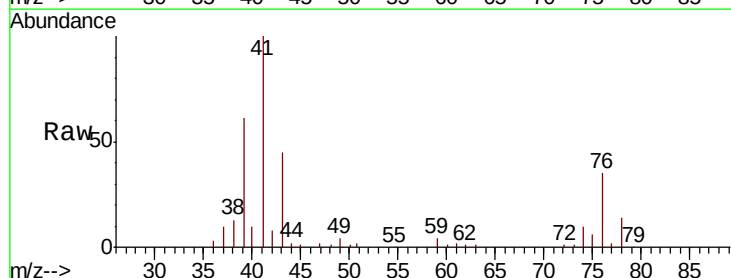
Tgt Ion: 41 Resp: 118352

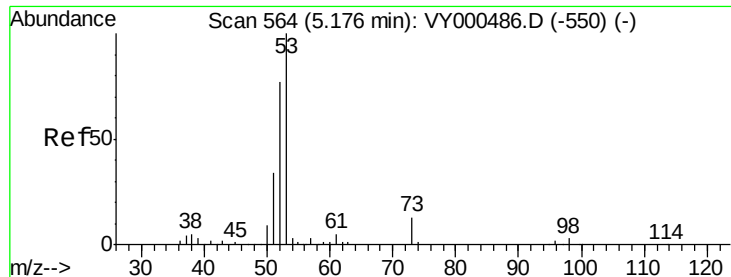
Ion Ratio Lower Upper

41 100

39 60.2 53.6 80.4

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 103.385 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

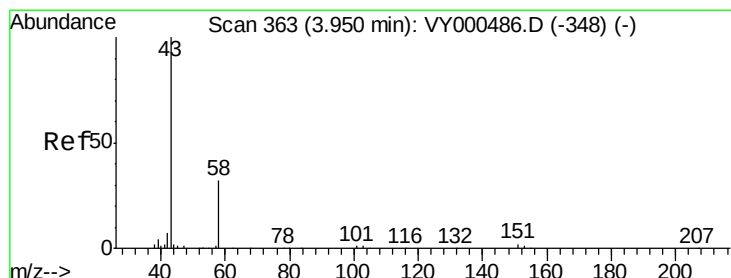
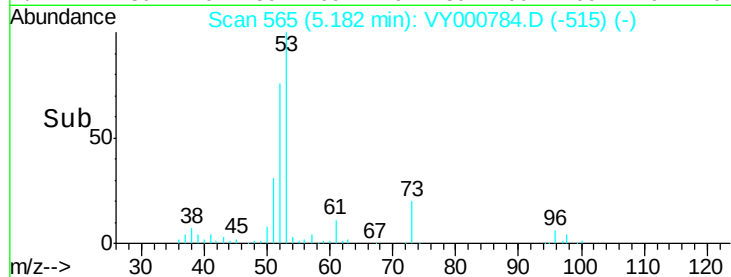
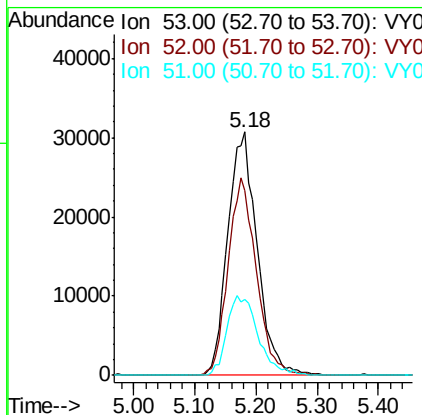
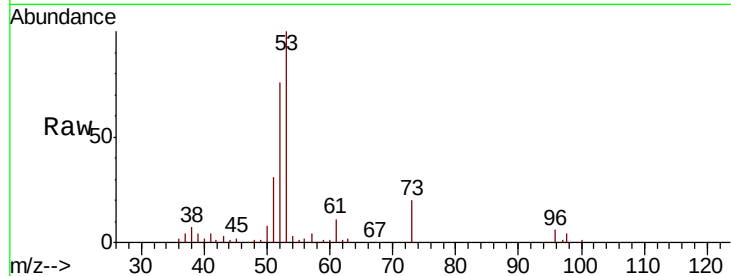
ClientSampleId :

VY1122SBS01

Tot Ion:	53	Resp:	101777
Ion	Ratio	Lower	Upper
53	100		
52	78.0	64.9	97.3
51	34.5	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 73.443 ug/l

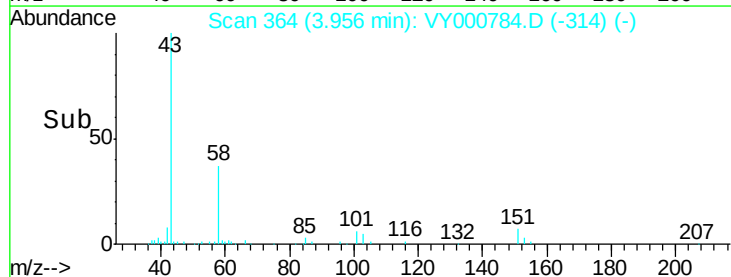
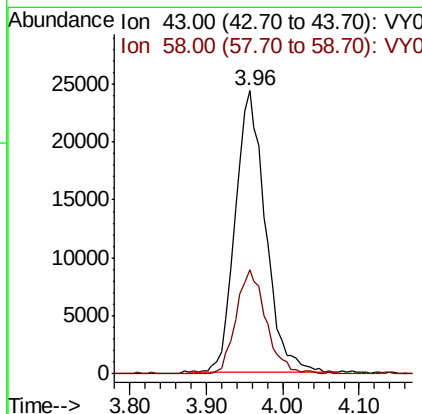
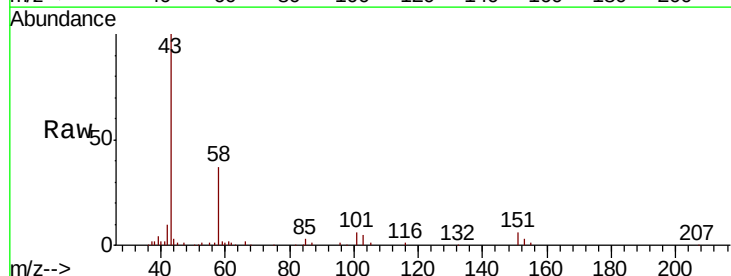
RT: 3.96 min Scan# 364

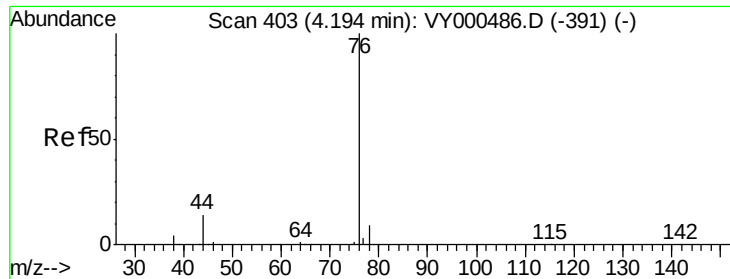
Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion:	43	Resp:	66619
Ion	Ratio	Lower	Upper
43	100		
58	36.9	25.8	38.6





#17

Carbon Disulfide

Concen: 19.924 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 76 Resp: 199624

Ion Ratio Lower Upper

76 100

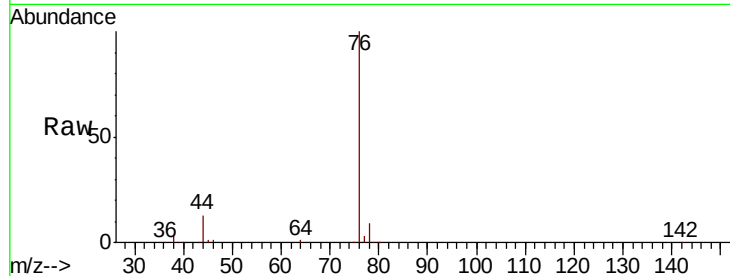
78 9.0 7.5 11.3

Manual Integrations

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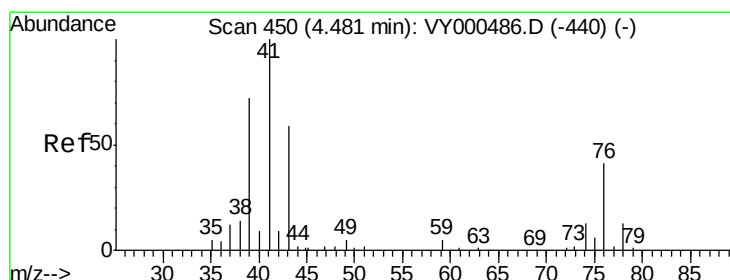
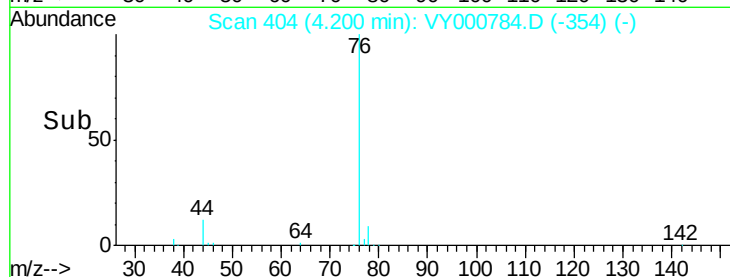
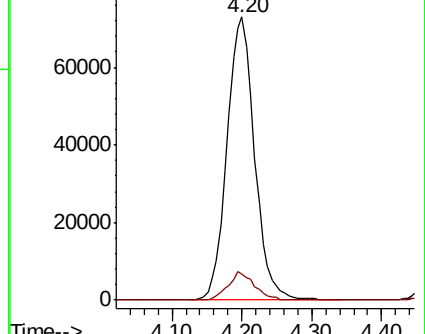
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 18.475 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000784.D

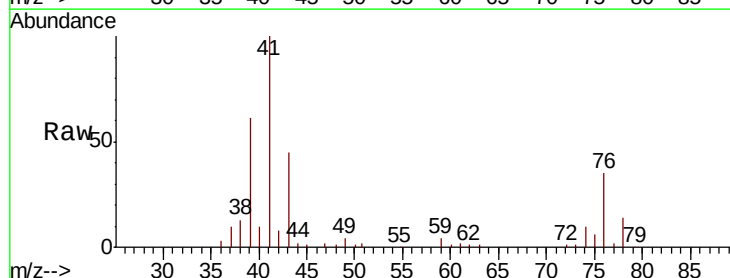
Acq: 22 Nov 2019 11:43

Tgt Ion: 43 Resp: 52106

Ion Ratio Lower Upper

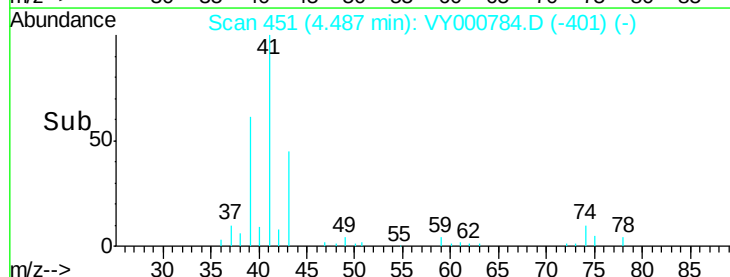
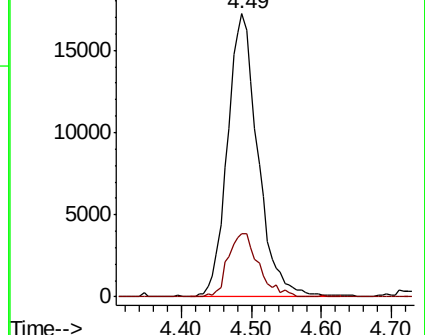
43 100

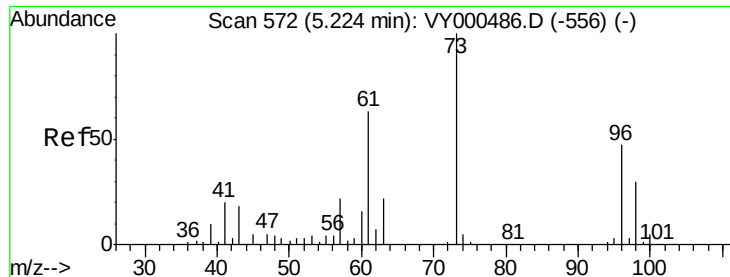
74 22.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





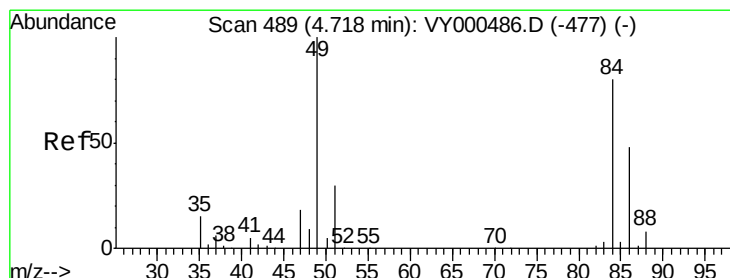
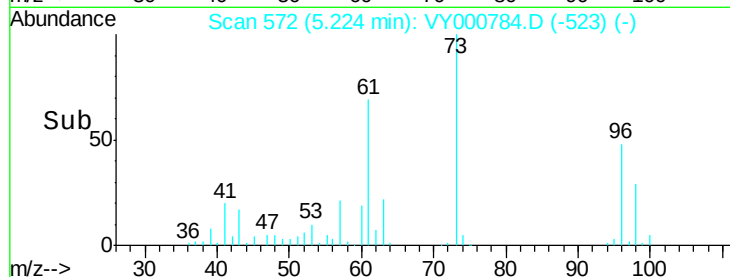
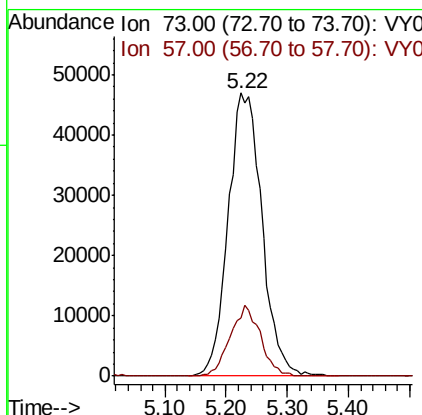
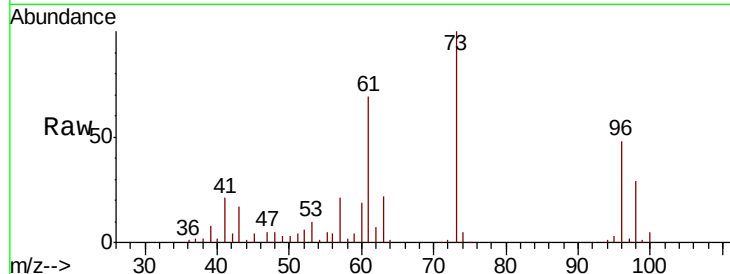
#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 73 Resp: 178665
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

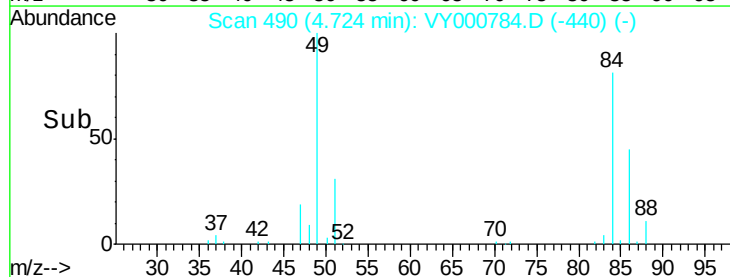
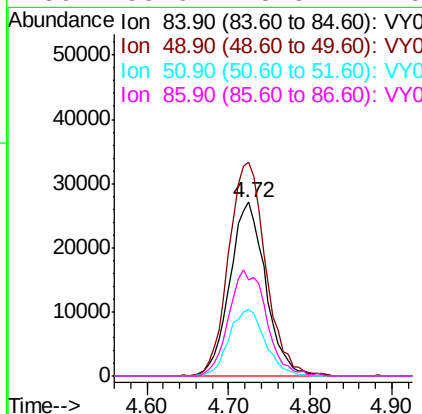
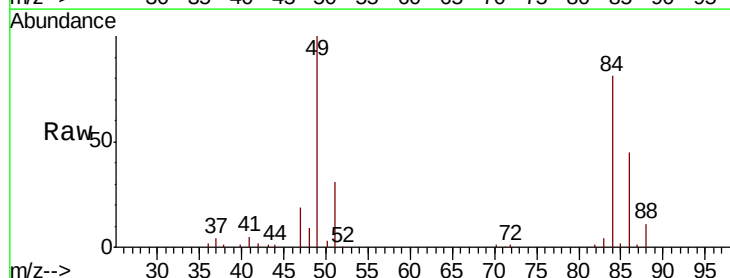
Manual Integrations
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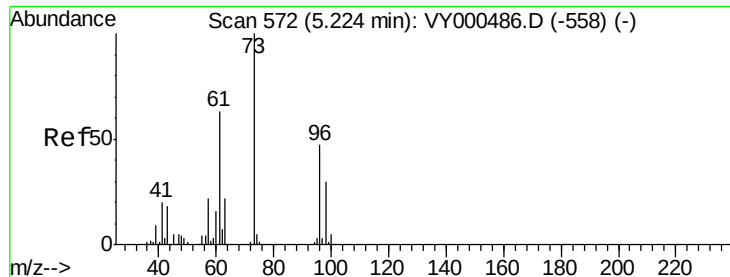
MMDadoda
11/26/2019 1:33:59 AM



#20
Methylene Chloride
Concen: 21.186 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 84 Resp: 82346
Ion Ratio Lower Upper
84 100
49 122.8 100.2 150.4
51 38.2 29.6 44.4
86 55.6 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 96 Resp: 75887

Ion Ratio Lower Upper

96 100

61 133.1 106.6 160.0

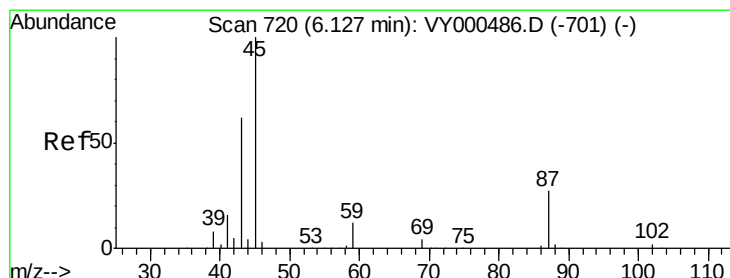
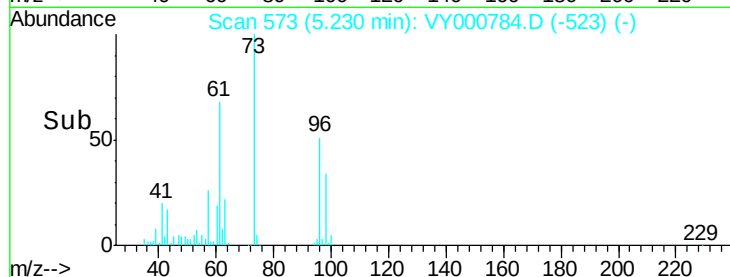
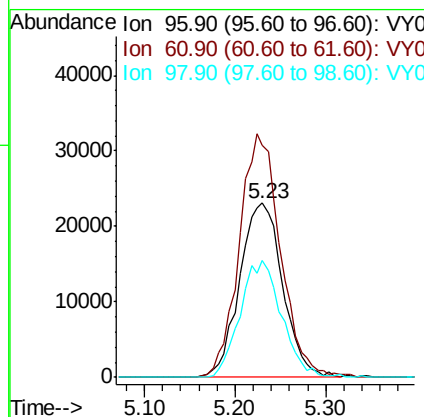
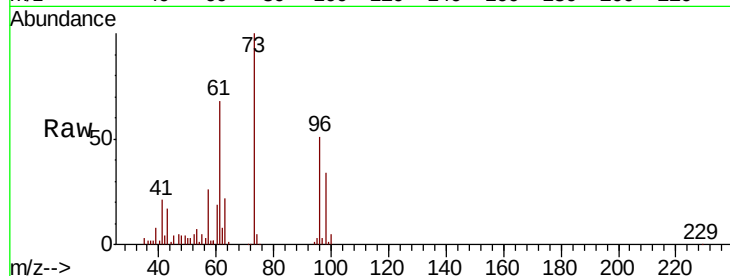
98 67.0 50.6 76.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.812 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion: 45 Resp: 244894

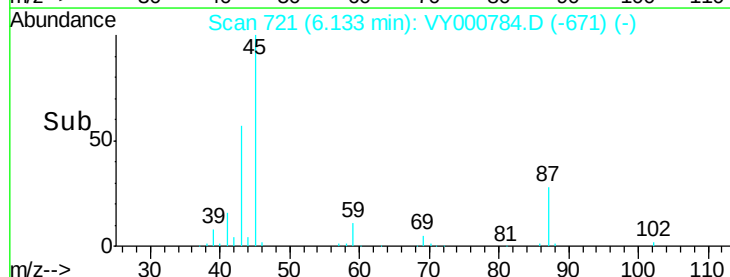
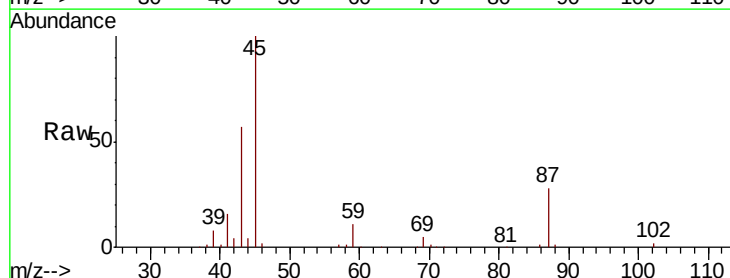
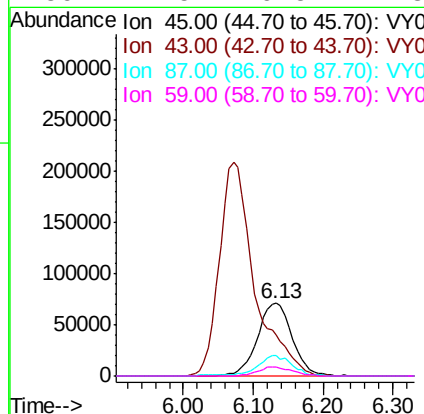
Ion Ratio Lower Upper

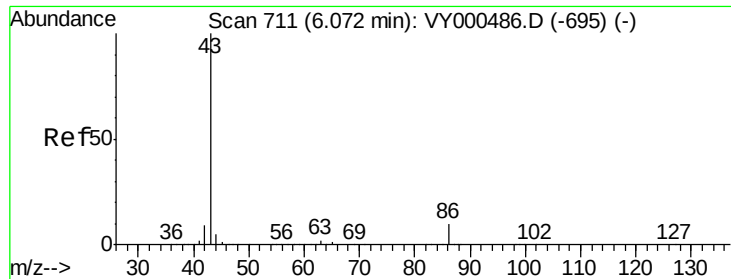
45 100

43 56.0 50.0 75.0

87 28.3 21.6 32.4

59 11.5 9.5 14.3





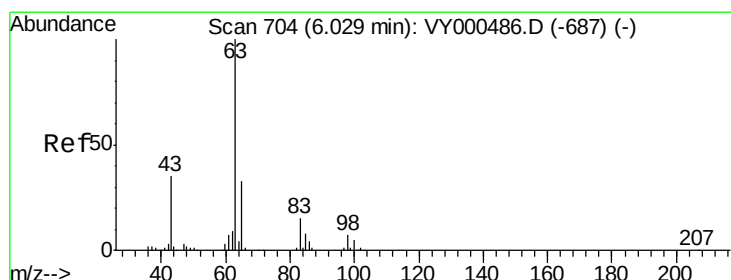
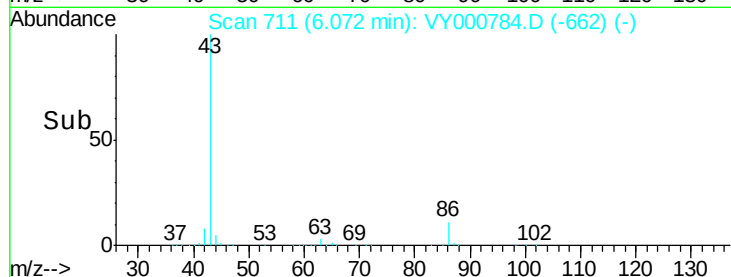
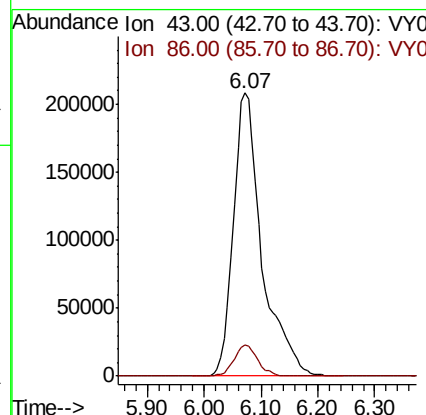
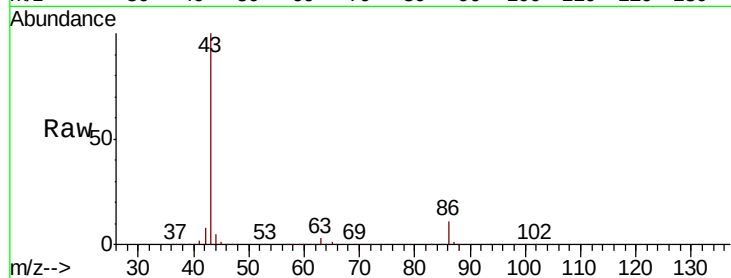
#23
Vinyl Acetate
Concen: 102.912 ug/l
RT: 6.07 min Scan# 711
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	7.8	11.6

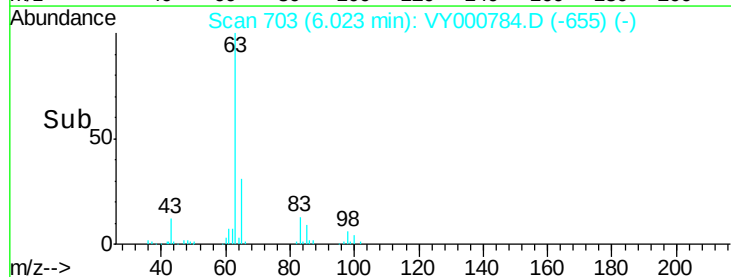
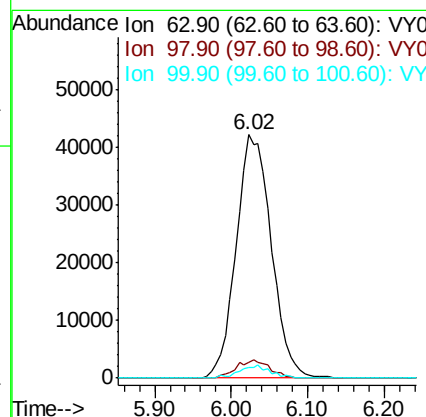
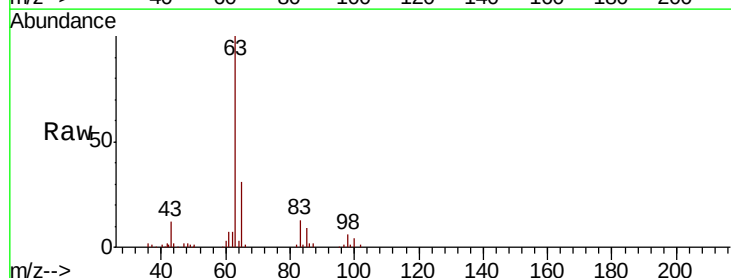
Manual Integrations
APPROVED

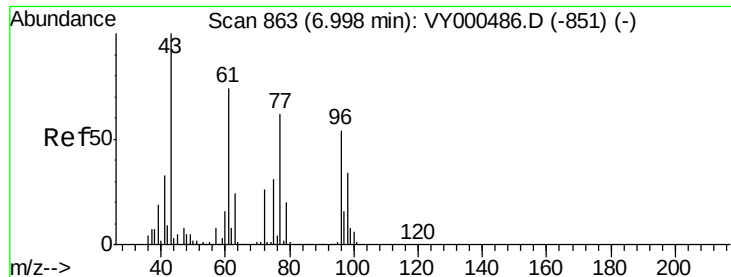
MMDadoda
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#24
1,1-Dichloroethane
Concen: 22.137 ug/l
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.5	10.6
100	4.4	2.4	7.1





#25

2-Butanone

Concen: 86.202 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 43 Resp: 124790

Ion Ratio Lower Upper

43 100

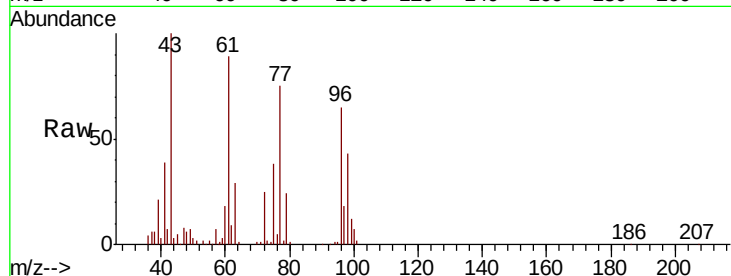
72 25.4 20.9 31.3

Manual Integrations

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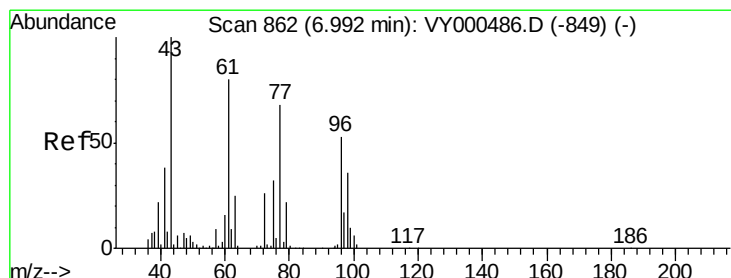
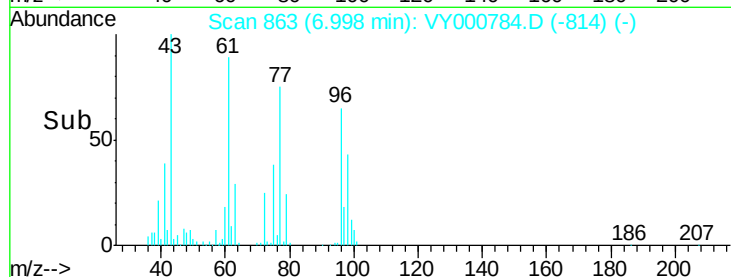
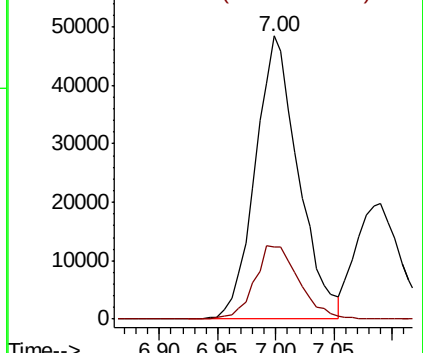
MMDadoda

11/26/2019 1:33:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.421 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000784.D

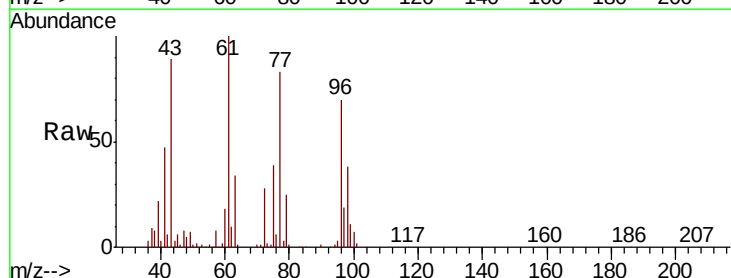
Acq: 22 Nov 2019 11:43

Tgt Ion: 77 Resp: 113509

Ion Ratio Lower Upper

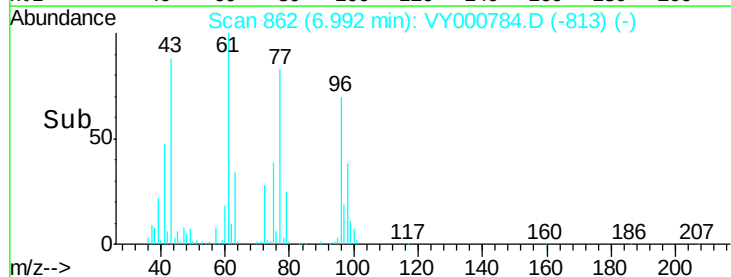
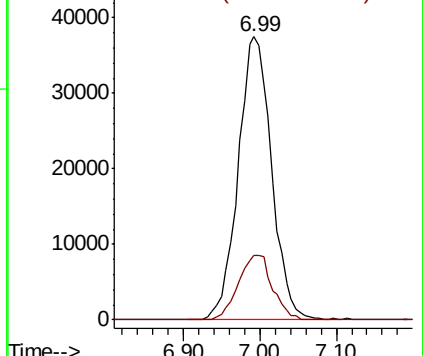
77 100

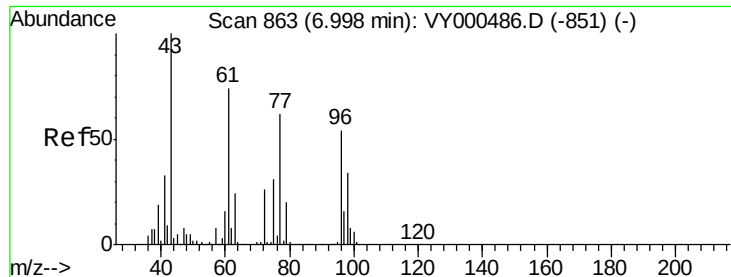
97 23.3 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

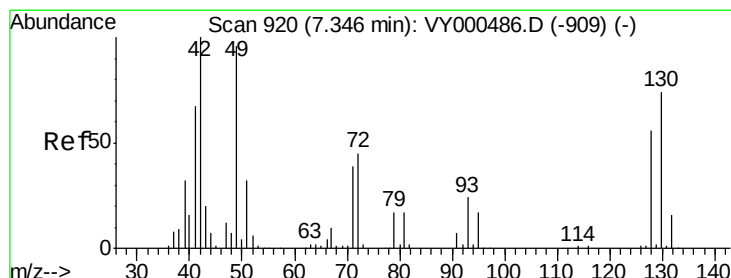
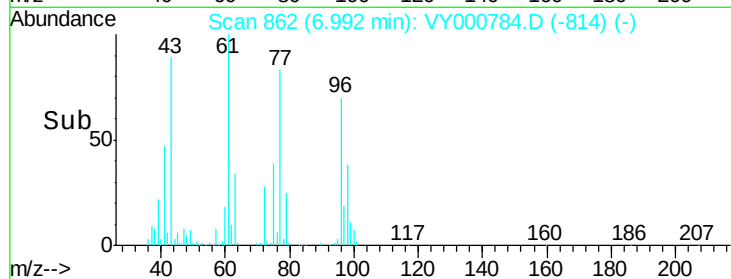
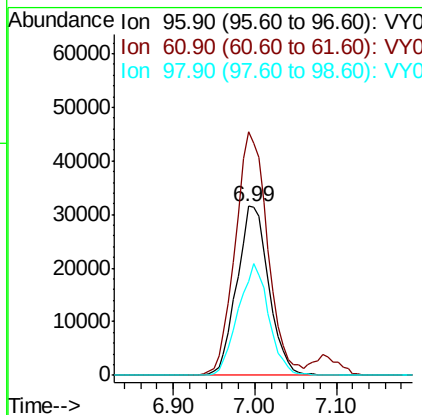
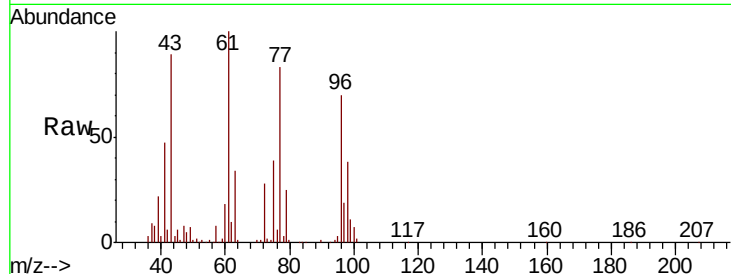
cis-1,2-Dichloroethene
Concen: 21.851 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	287.0
98	63.1	0.0	129.4

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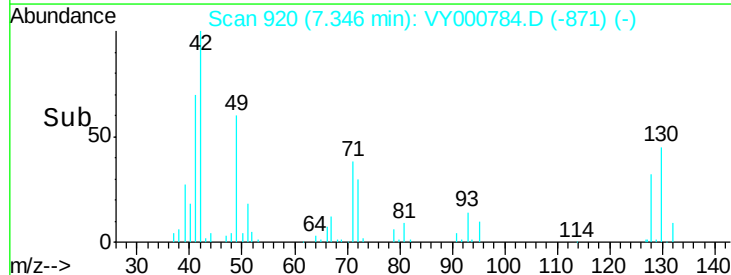
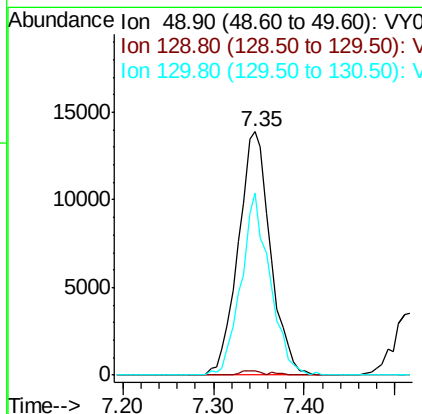
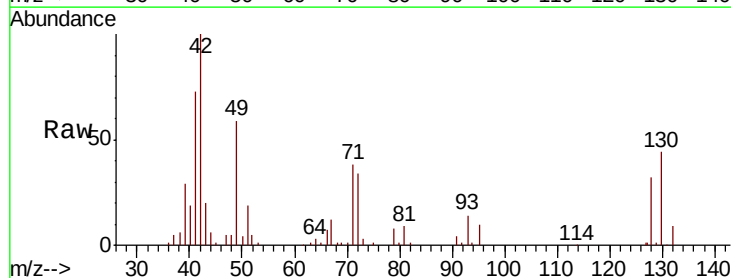
MMDadoda
11/26/2019 1:33:59 AM

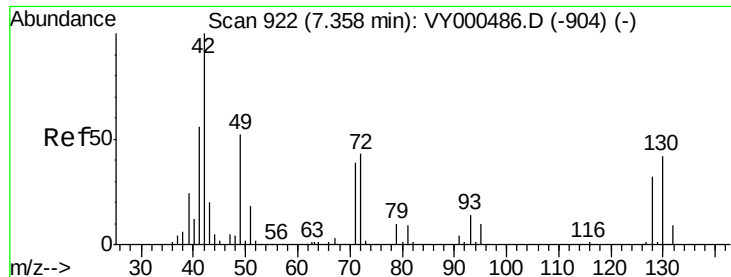


#28

Bromochloromethane
Concen: 15.375 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.6
130	67.1	59.4	89.0





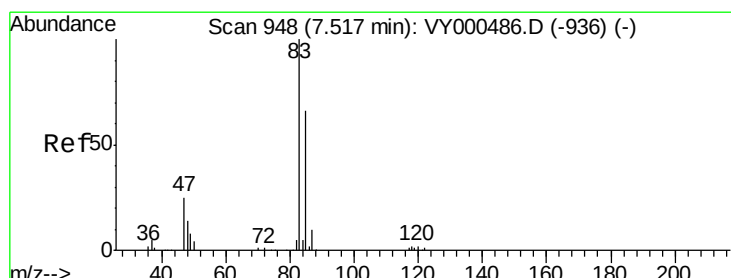
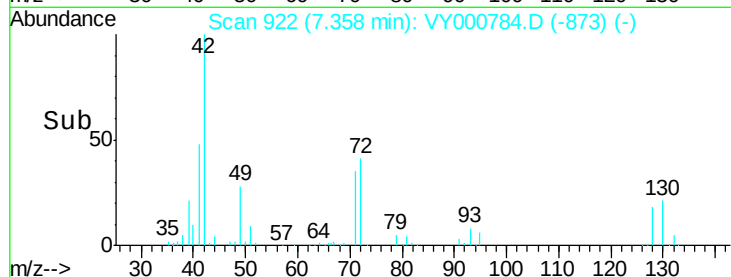
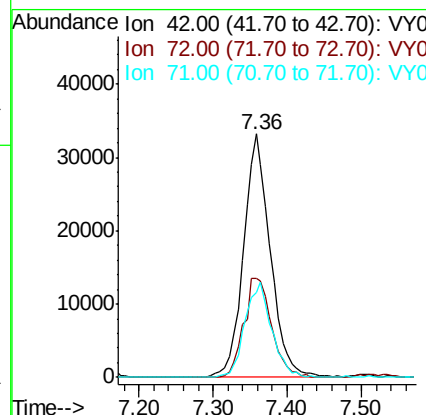
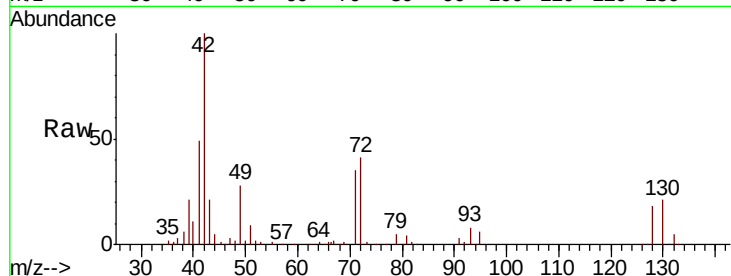
#29
Tetrahydrofuran
Concen: 94.215 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.0	51.0
71	39.0	30.8	46.2

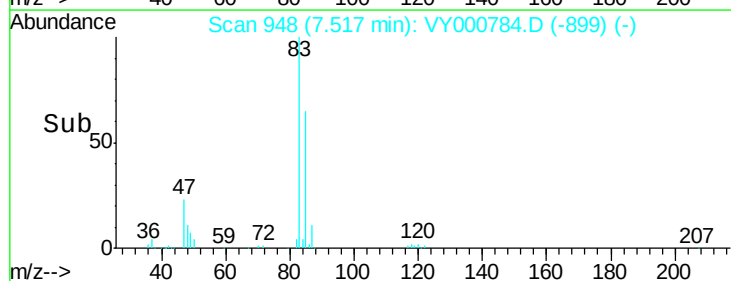
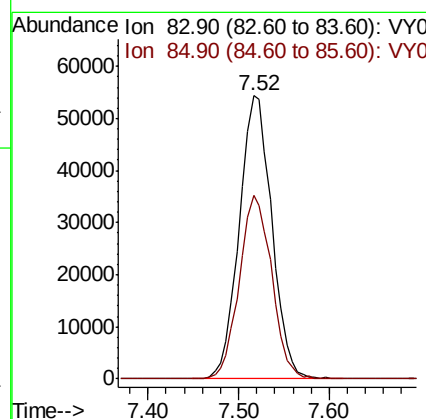
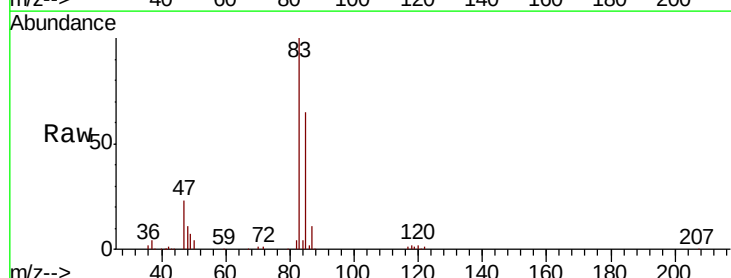
Manual Integrations
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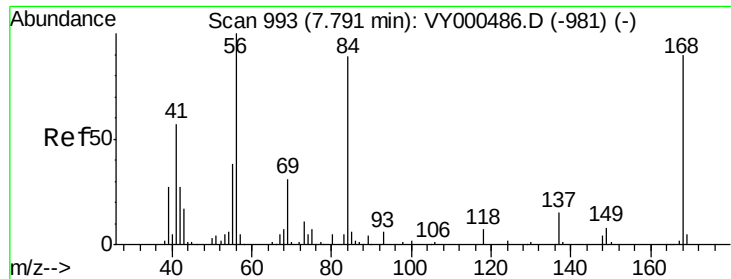
MMDadoda
11/26/2019 1:33:59 AM



#30
Chloroform
Concen: 21.982 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4





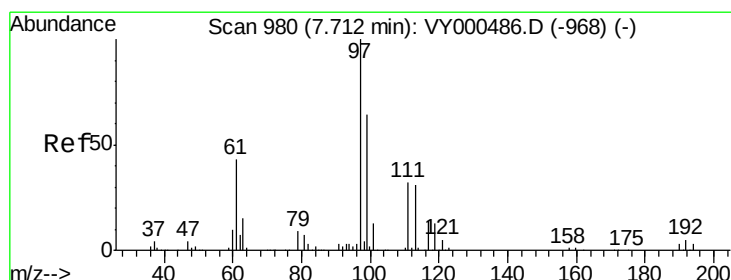
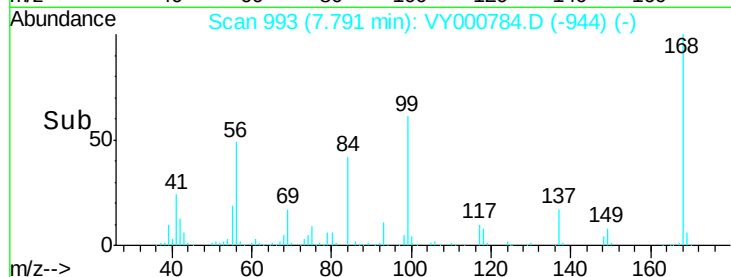
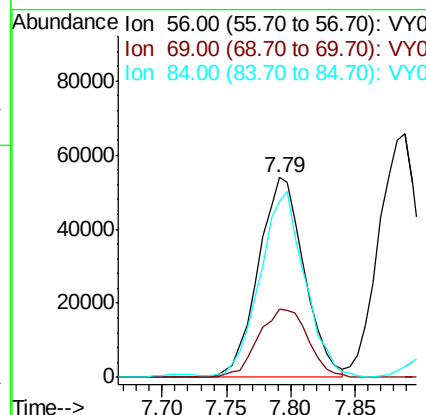
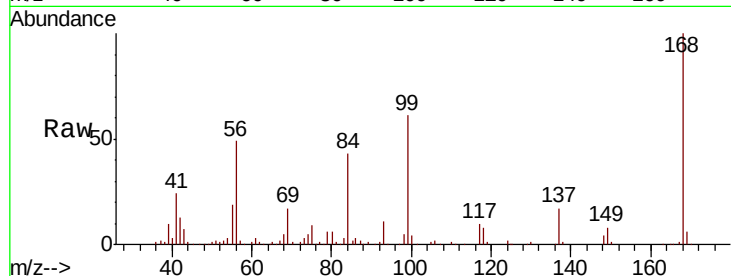
#31
Cyclohexane
Concen: 20.935 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.0	37.6
84	86.1	71.4	107.2

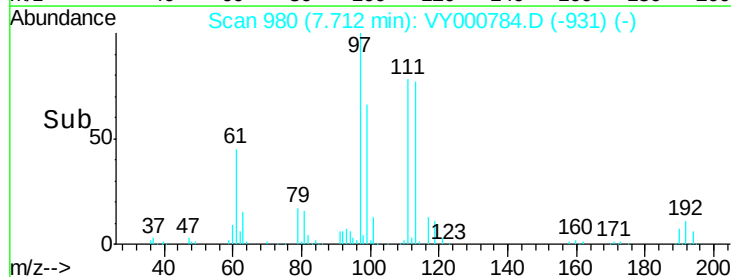
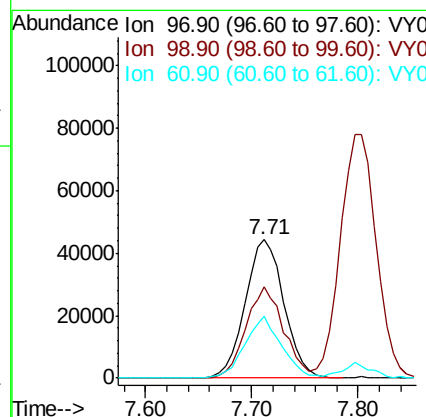
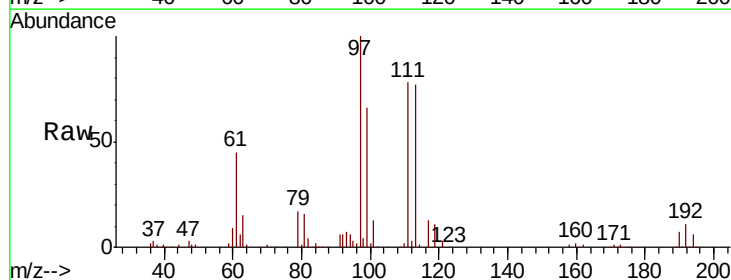
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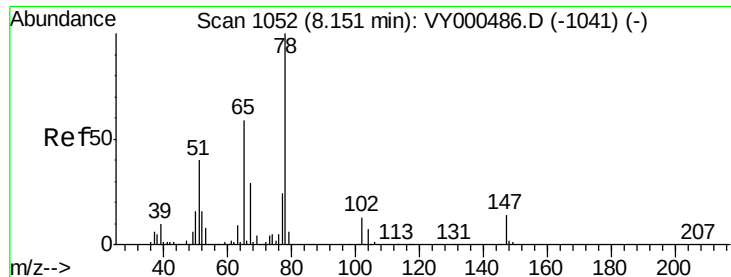
MMDadoda
11/26/2019 1:33:59 AM



#32
1,1,1-Trichloroethane
Concen: 20.589 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.9	76.3
61	42.5	34.9	52.3





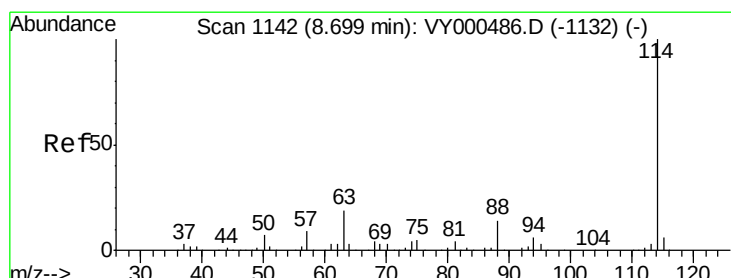
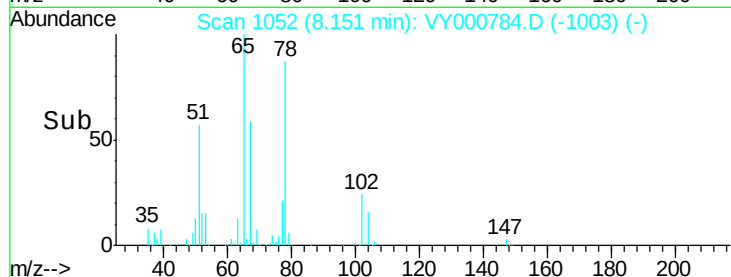
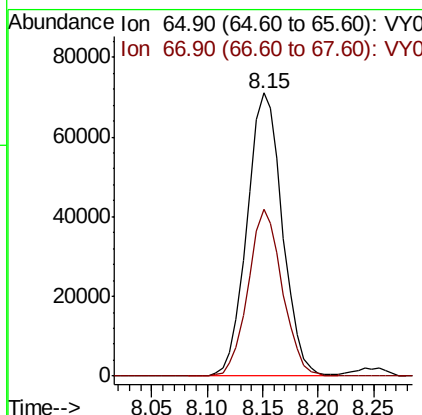
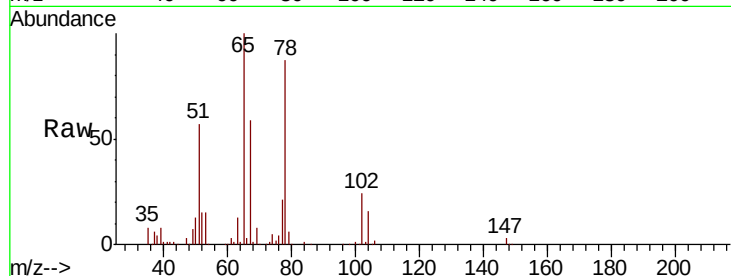
#33
 1,2-Dichloroethane-d4
 Concen: 47.779 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157249		
67	56.8	0.0	107.2	

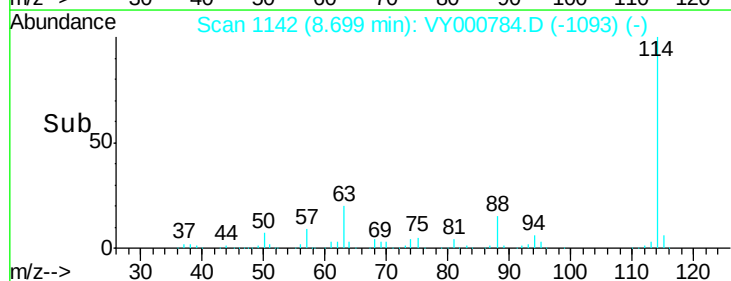
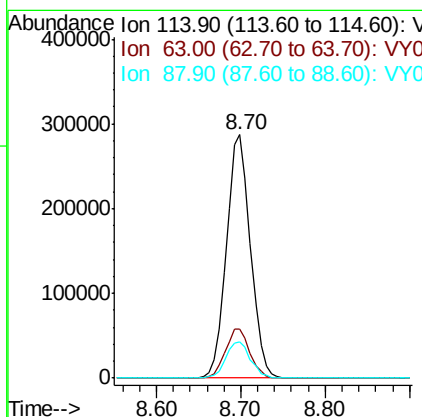
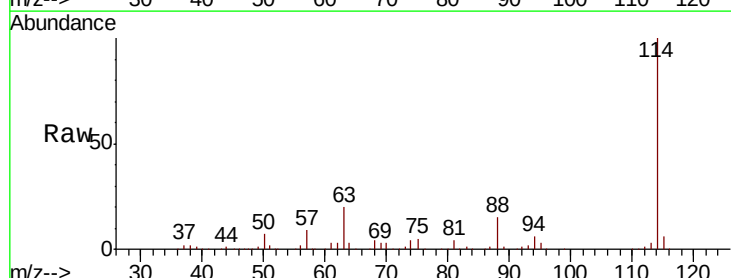
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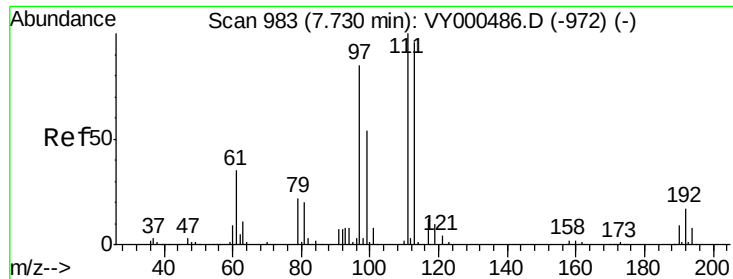
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 11/26/2019 1:33:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	555508		
63	20.0	0.0	38.0	
88	15.0	0.0	28.6	





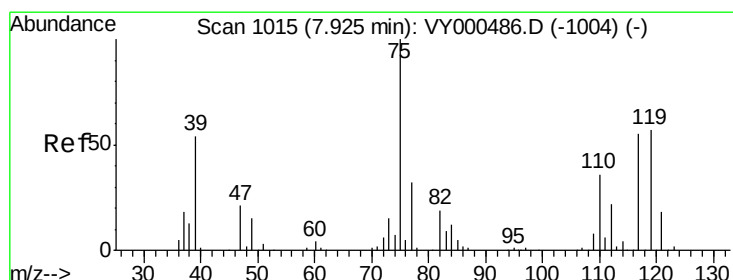
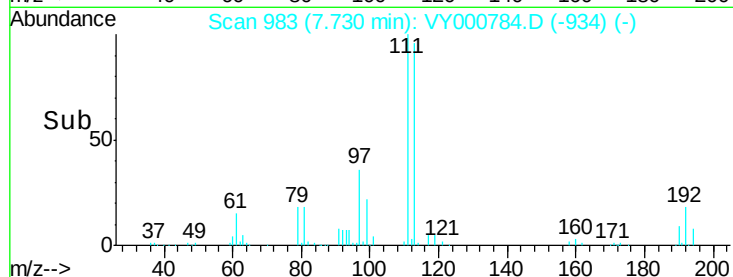
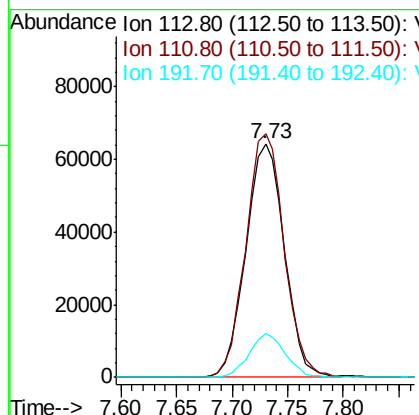
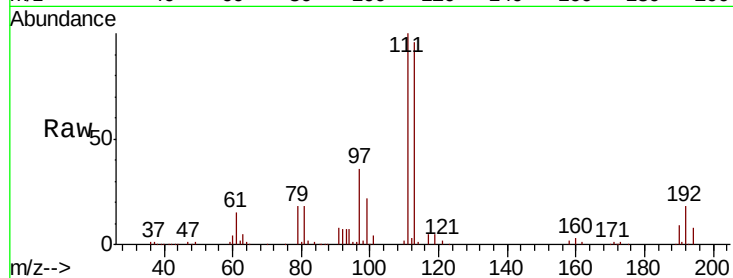
#35
 Dibromofluoromethane
 Concen: 47.469 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	154805		
111	103.7	81.7	122.5	
192	17.8	15.0	22.4	

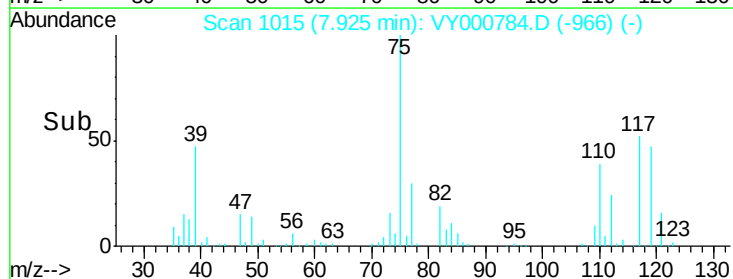
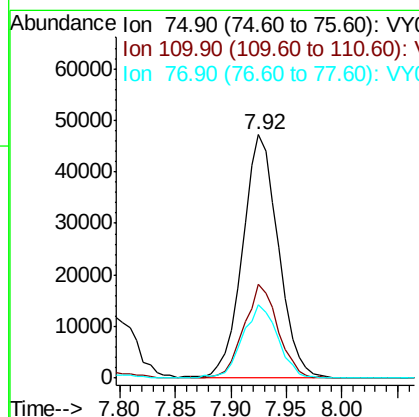
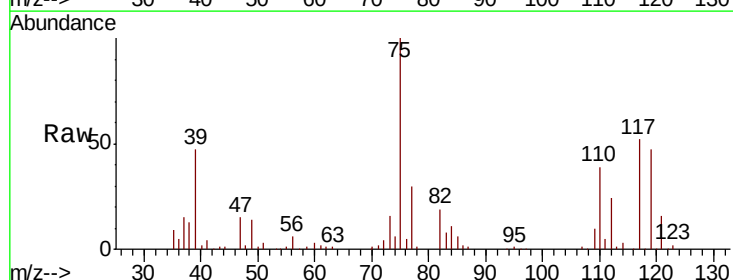
Manual Integrations
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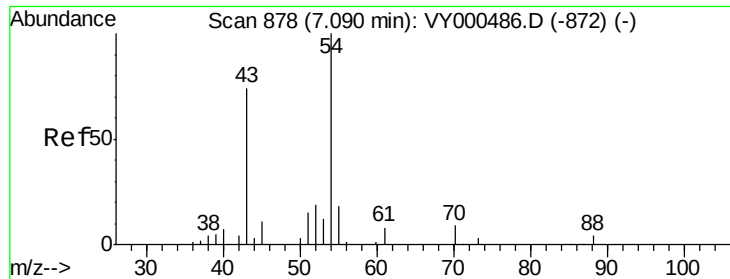
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#36
 1,1-Dichloropropene
 Concen: 19.977 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	104911		
110	36.6	18.1	54.1	
77	30.0	25.0	37.6	





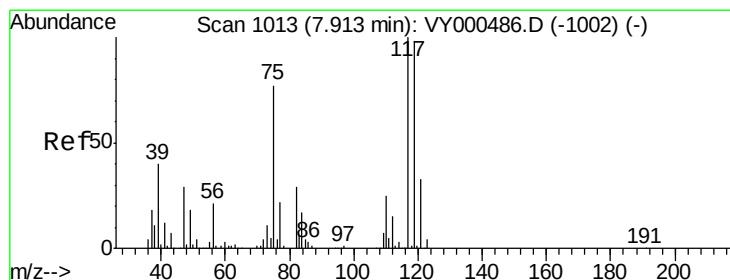
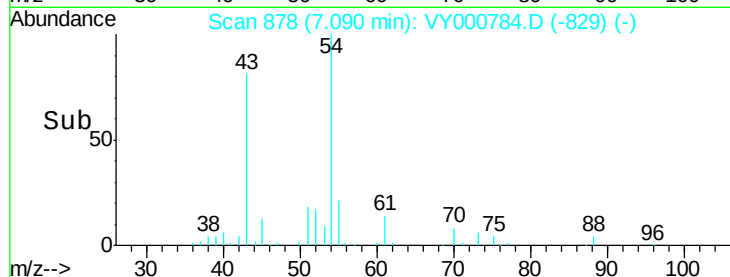
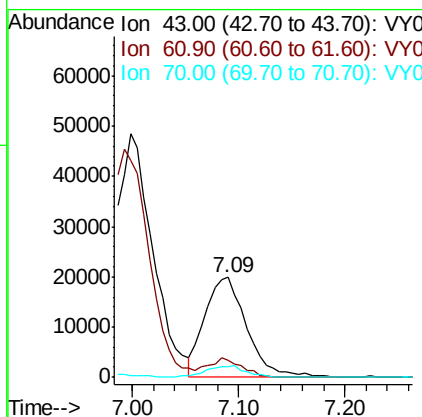
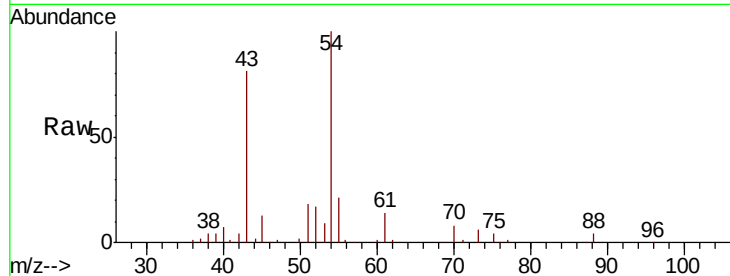
#37
Ethyl Acetate
Concen: 17.406 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 43 Resp: 54269
Ion Ratio Lower Upper
43 100
61 15.6 10.2 15.2#
70 10.9 7.8 11.8

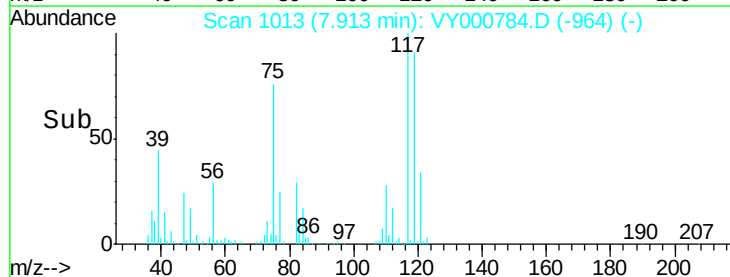
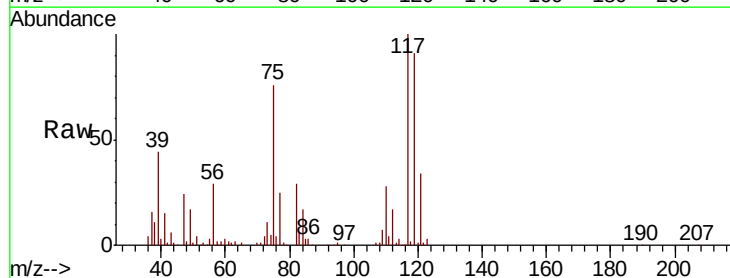
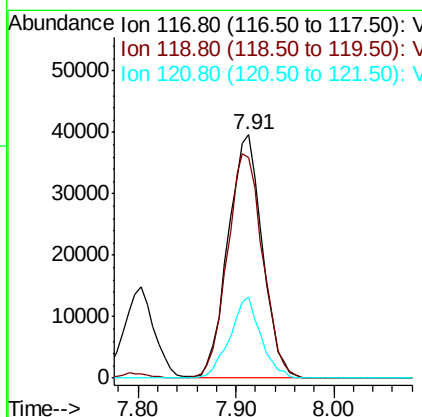
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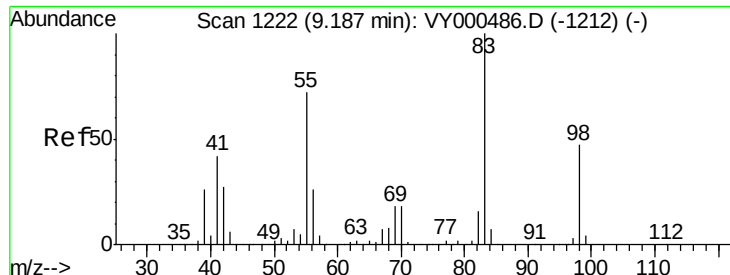
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#38
Carbon Tetrachloride
Concen: 19.102 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 117 Resp: 96523
Ion Ratio Lower Upper
117 100
119 90.7 78.0 117.0
121 33.5 26.6 40.0





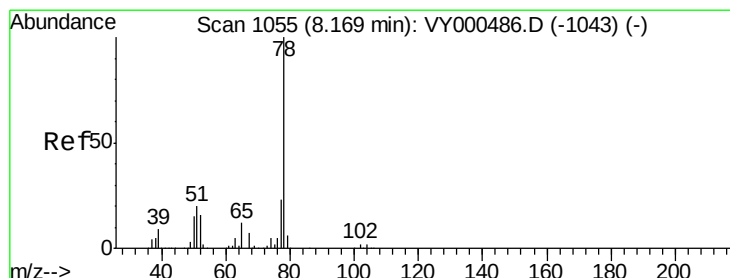
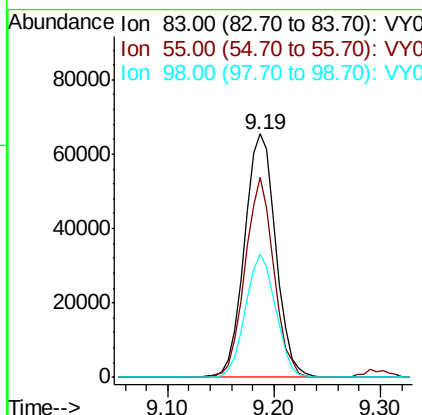
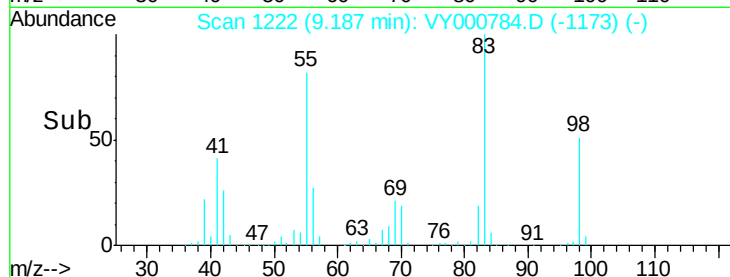
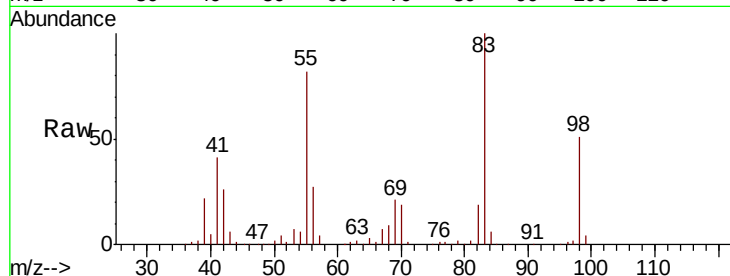
#39
Methylvlcyclohexane
Concen: 19.885 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	57.5	86.3
98	50.7	38.0	57.0

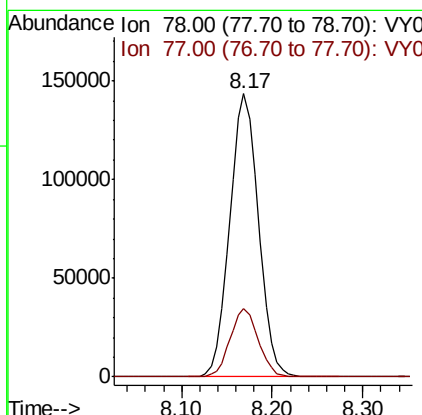
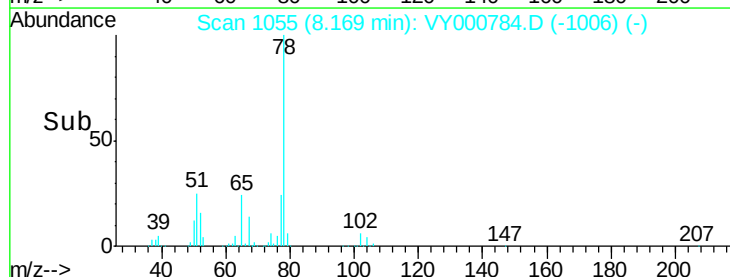
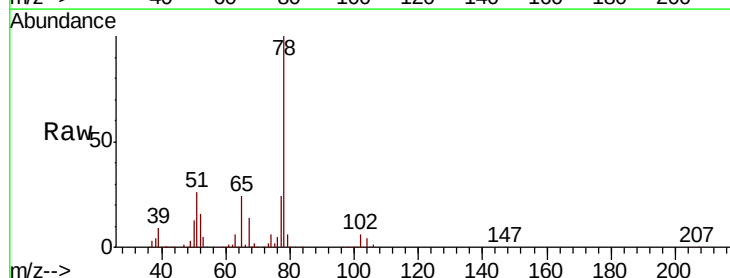
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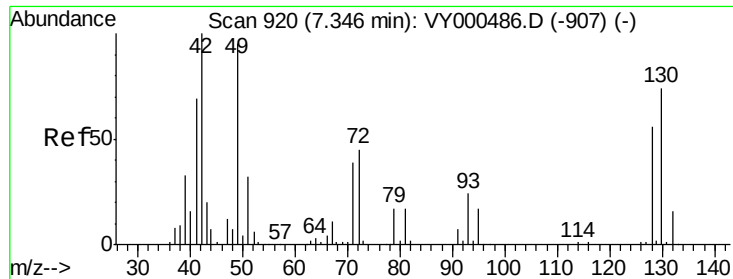
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#40
Benzene
Concen: 20.490 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





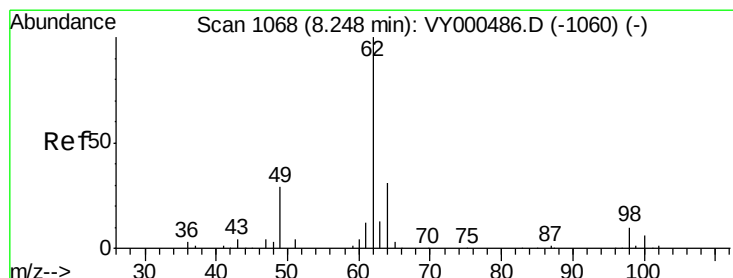
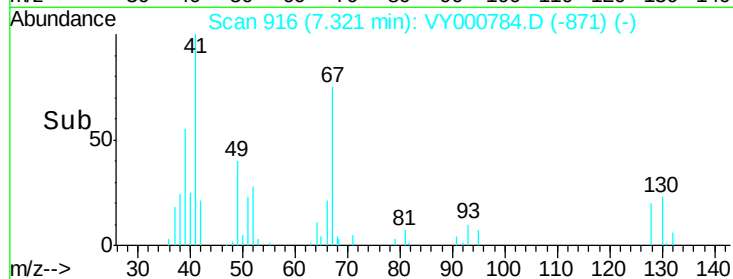
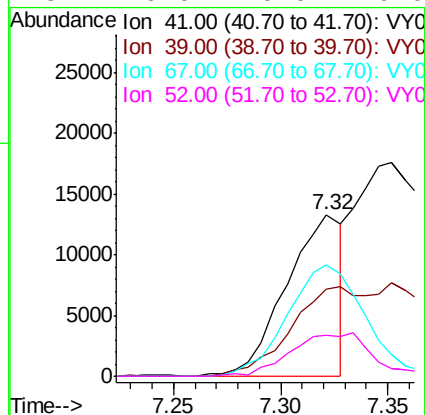
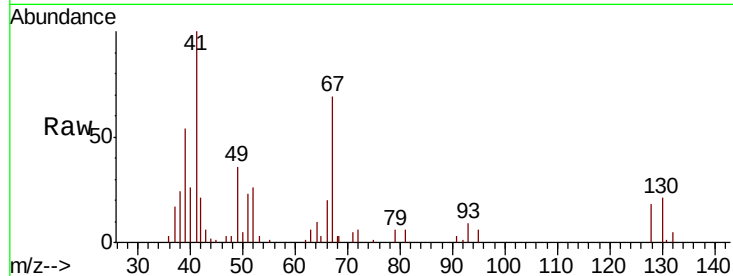
#41
Methacrylonitrile
Concen: 13.855 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.02 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	41	Resp	24098
Ion	Ratio	Lower	Upper
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

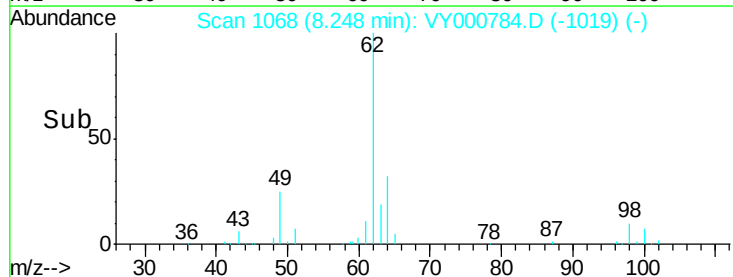
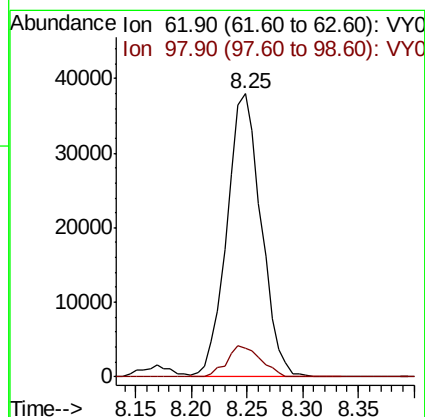
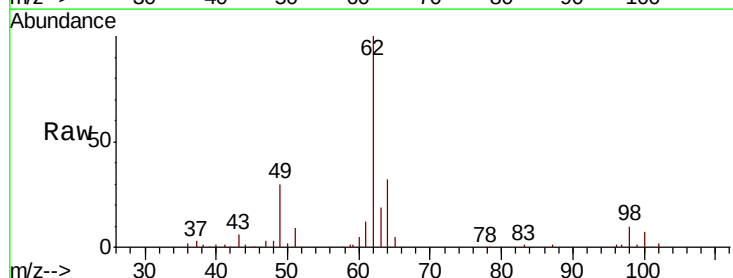
Manual Integrations
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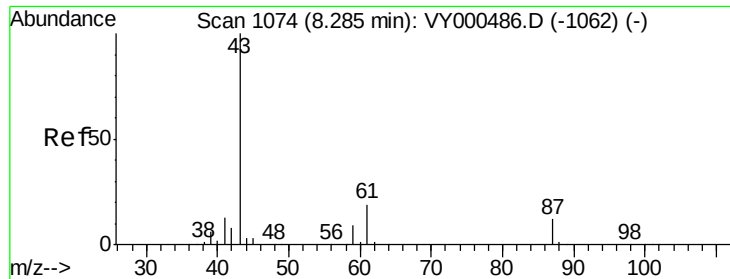
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#42
1,2-Dichloroethane
Concen: 18.517 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	62	Resp	80861
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.2





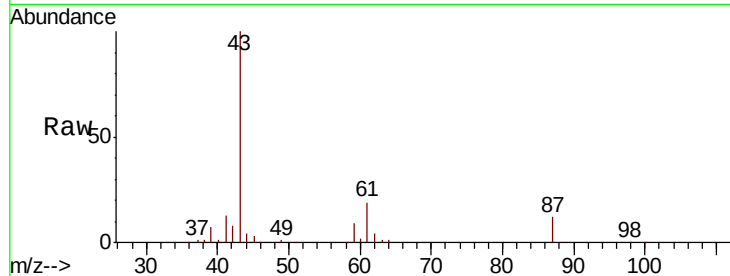
#43
Isopropyl Acetate
Concen: 17.819 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

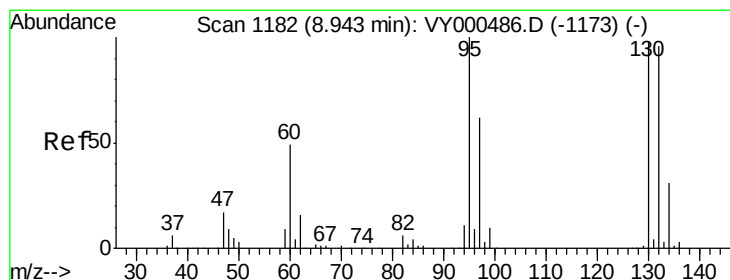
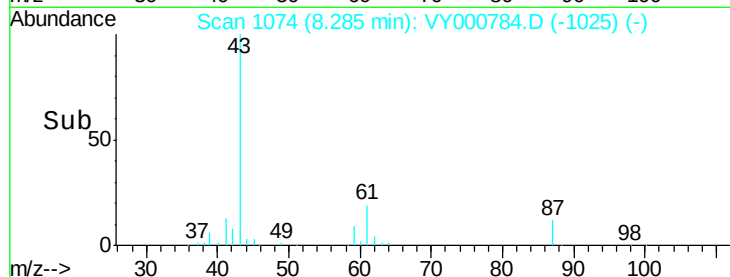
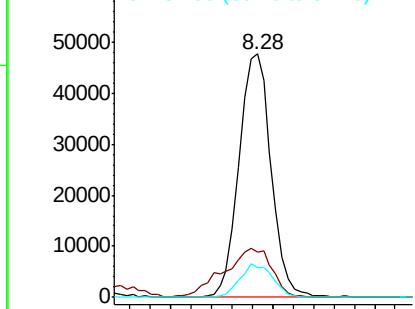
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.0	34.4
87	14.0	10.5	15.7

Manual Integrations
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MMDadoda
11/26/2019 1:33:59 AM

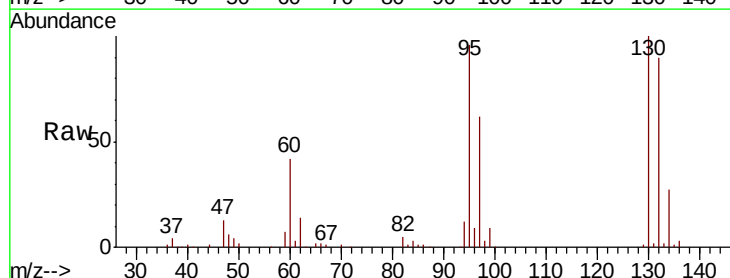


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

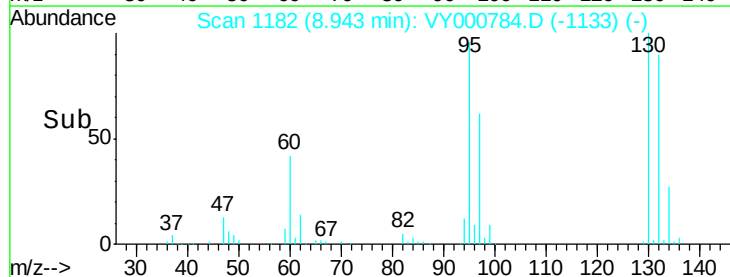
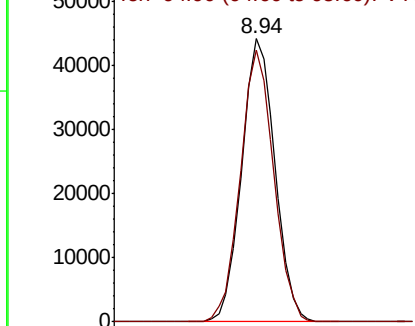


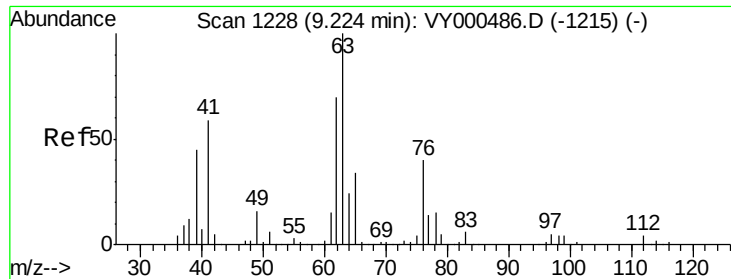
#44
Trichloroethene
Concen: 20.604 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	203.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





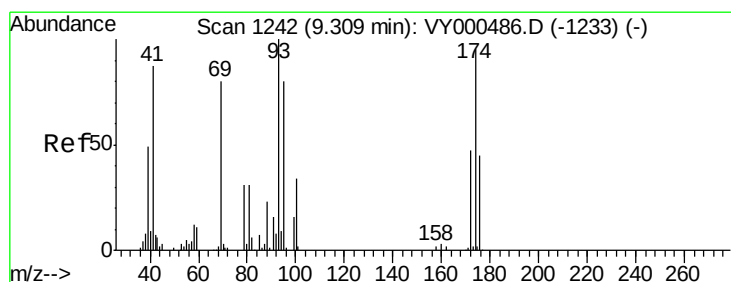
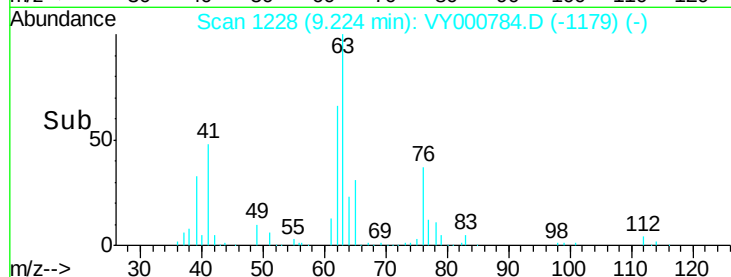
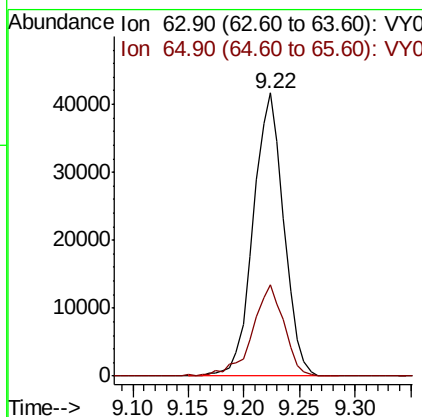
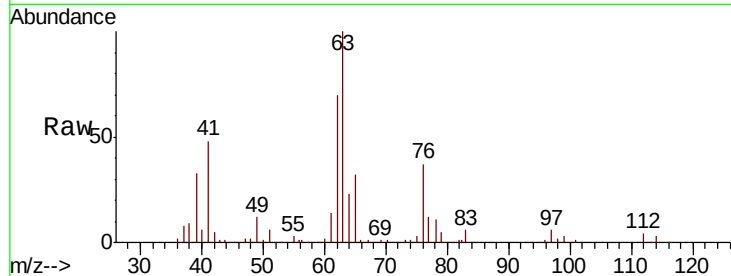
#45
 1,2-Dichloropropane
 Concen: 21.070 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 63 Resp: 79841
 Ion Ratio Lower Upper
 63 100
 65 32.2 27.0 40.4

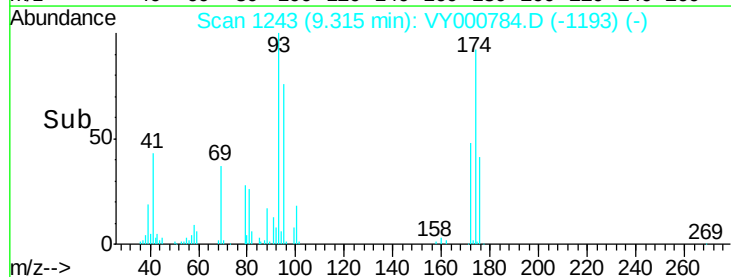
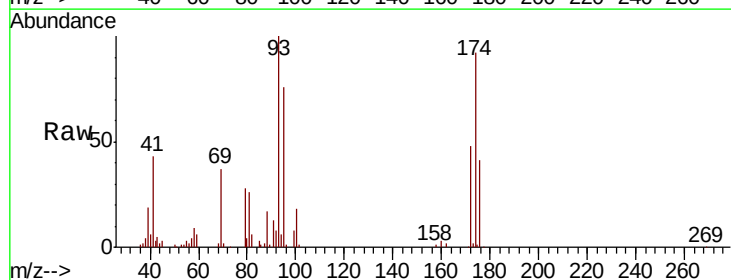
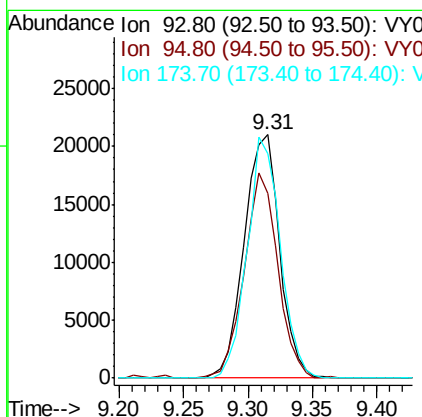
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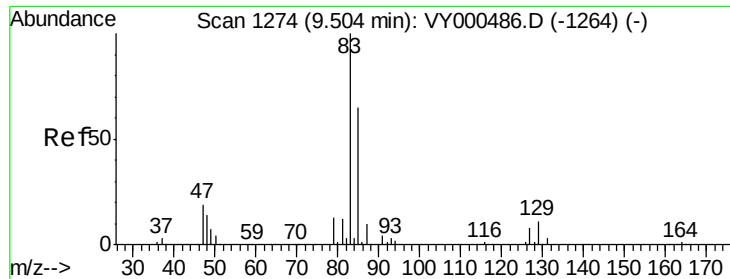
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 11/26/2019 1:33:59 AM



#46
 Dibromomethane
 Concen: 19.193 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 93 Resp: 39997
 Ion Ratio Lower Upper
 93 100
 95 79.5 66.4 99.6
 174 92.3 77.1 115.7





#47

Bromodichloromethane

Concen: 19.728 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

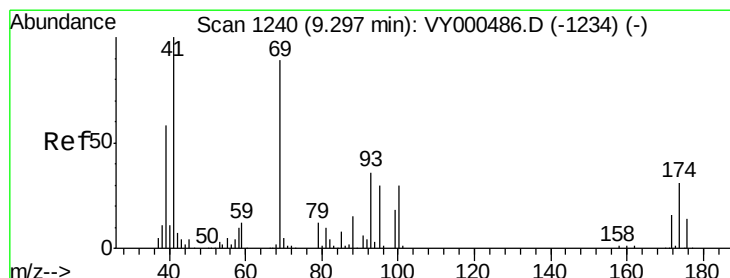
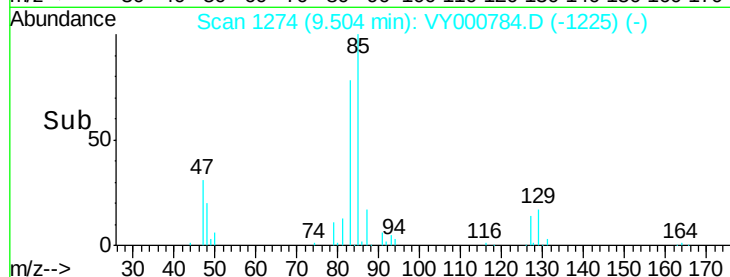
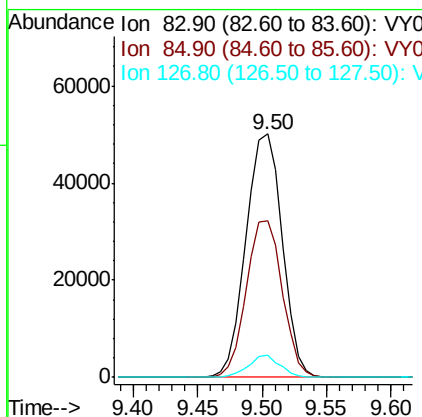
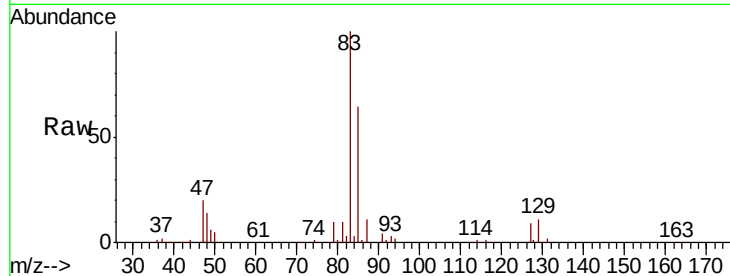
ClientSampleId :

VY1122SBS01

Tot Ion:	83	Resp:	97554
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 18.024 ug/l

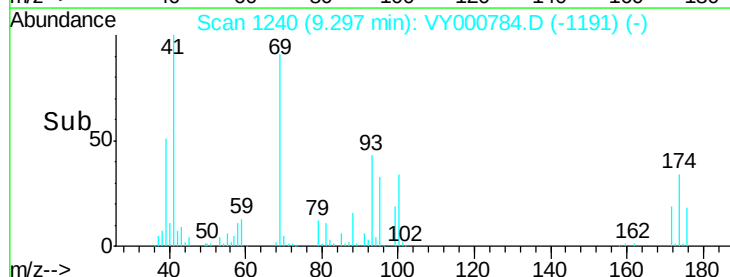
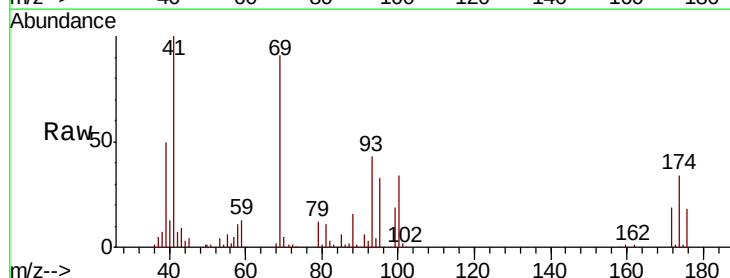
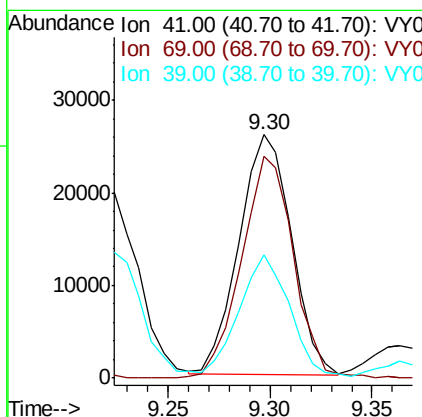
RT: 9.30 min Scan# 1240

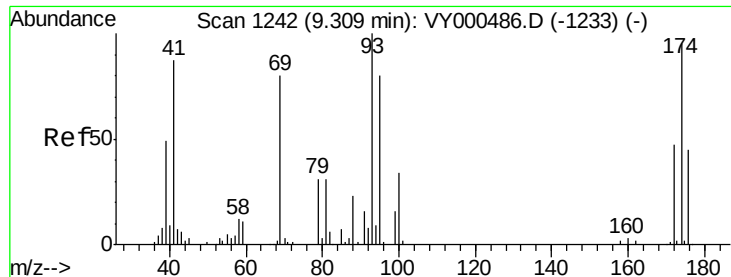
Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion:	41	Resp:	46124
Ion	Ratio	Lower	Upper
41	100		
69	92.2	72.5	108.7
39	50.1	47.8	71.8





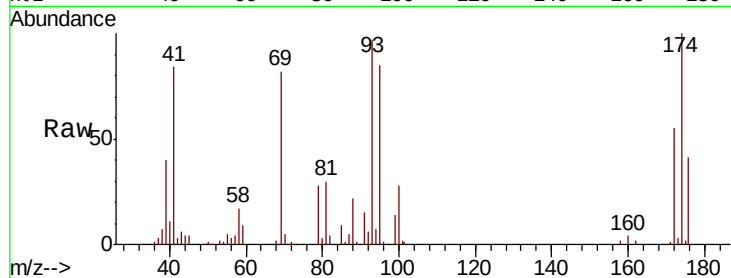
#49
 1,4-Dioxane
 Concen: 376.082 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.1	37.7
58	80.7	50.6	75.8

Manual Integrations
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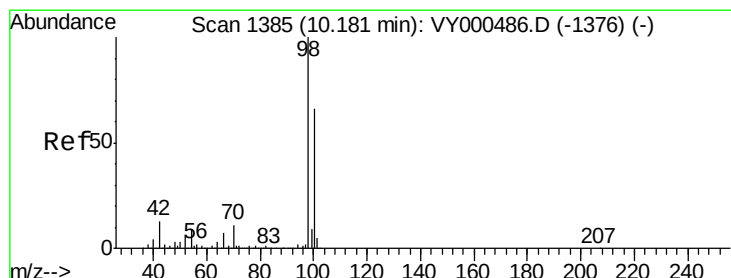
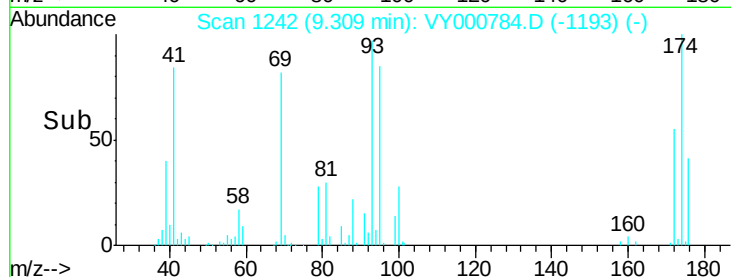
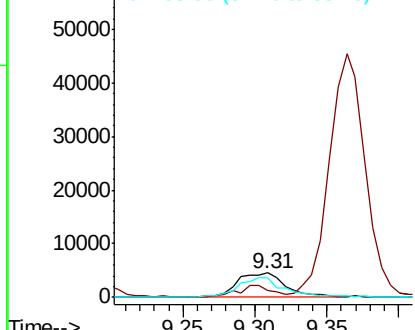


Abundance

Ion 88.00 (87.70 to 88.70): VY0

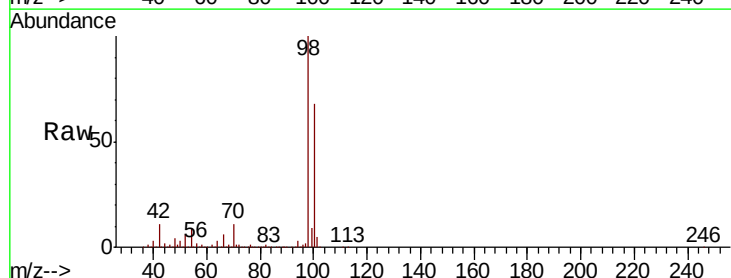
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 51.786 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

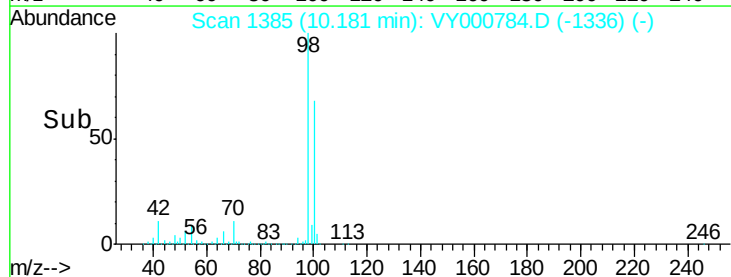
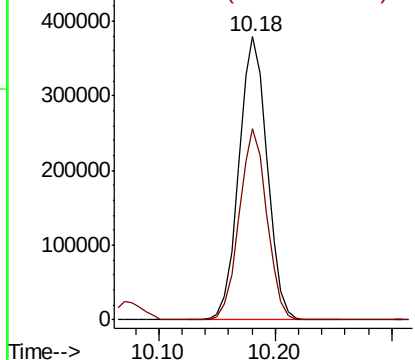
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3

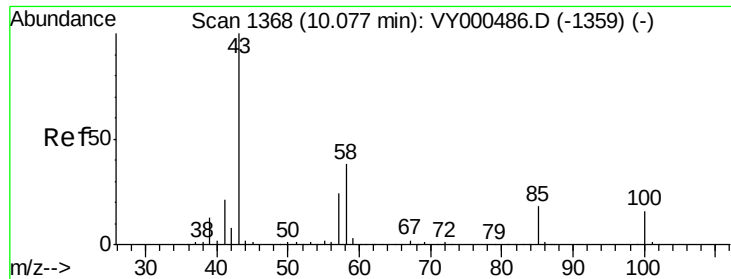


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





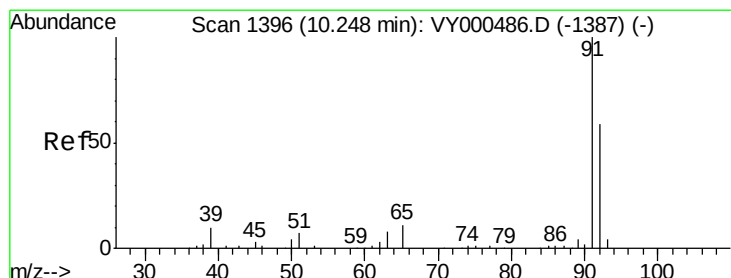
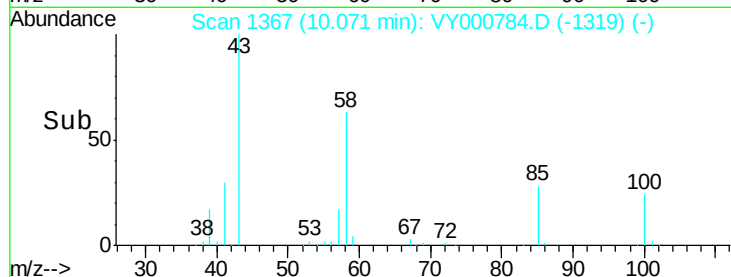
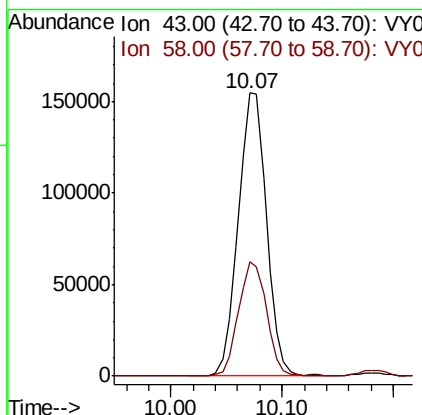
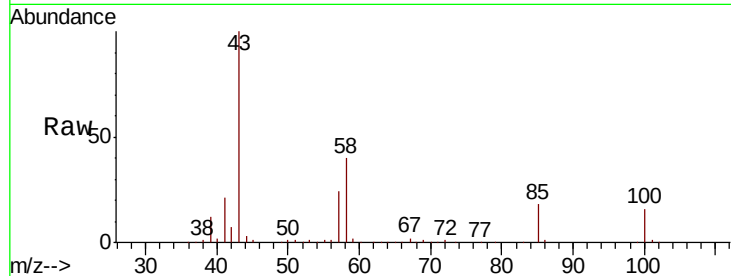
#51
4-Methyl-2-Pentanone
Concen: 87.714 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	30.2	45.4

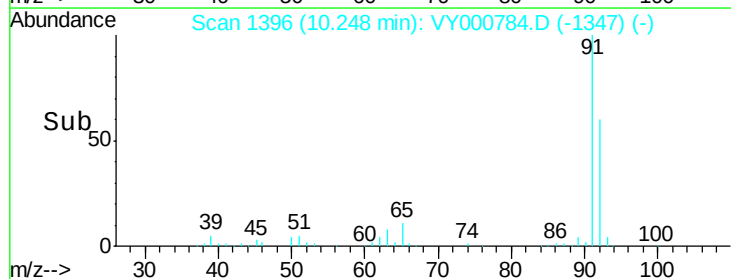
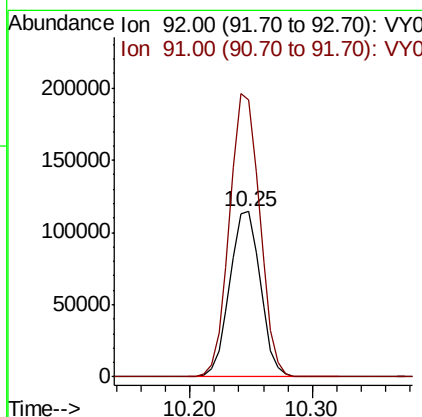
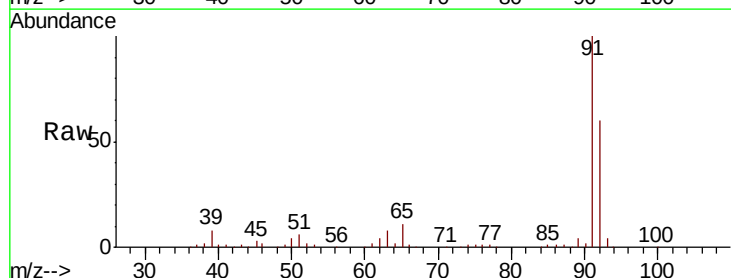
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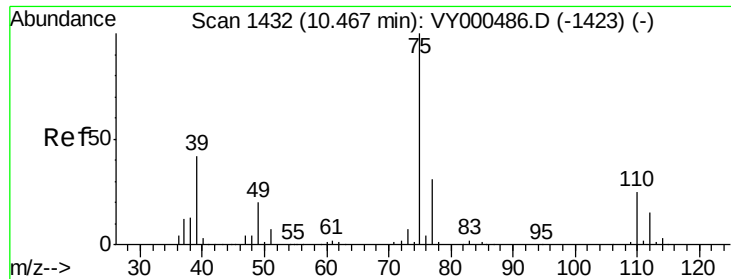
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#52
Toluene
Concen: 20.400 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.2	136.3	204.5





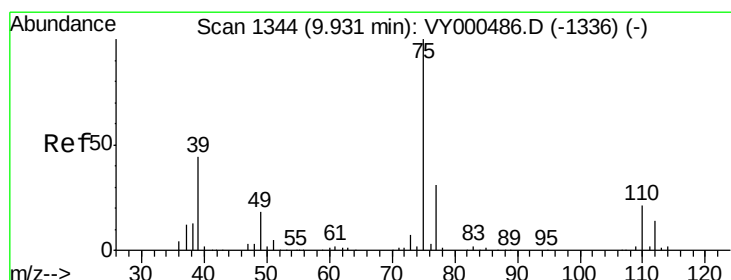
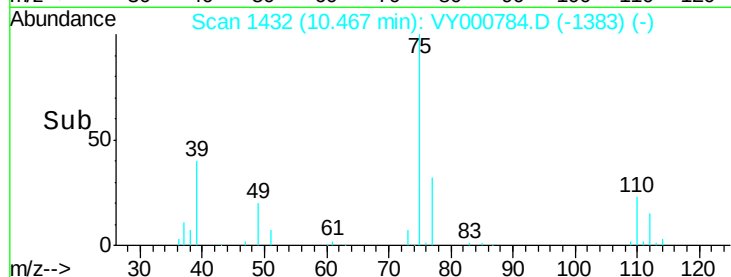
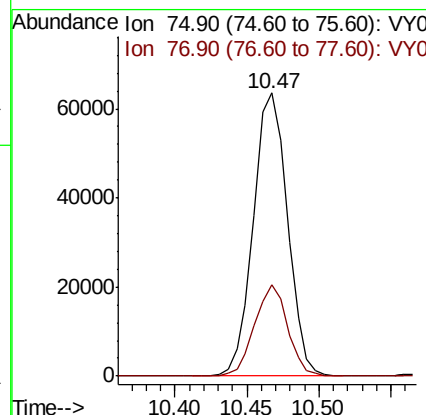
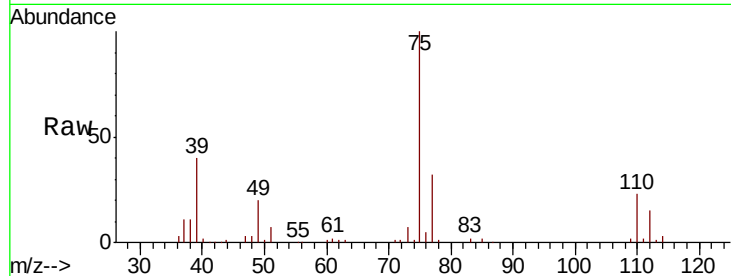
#53
t-1,3-Dichloropropene
Concen: 19.694 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion: 75 Resp: 104054
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0

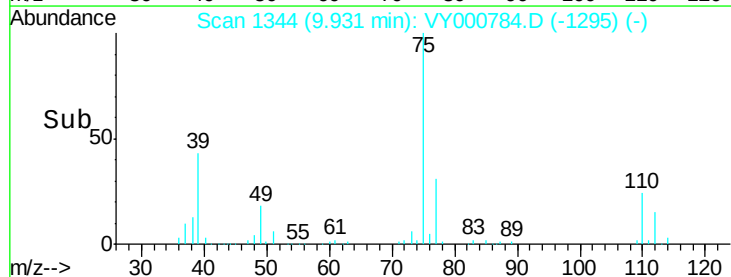
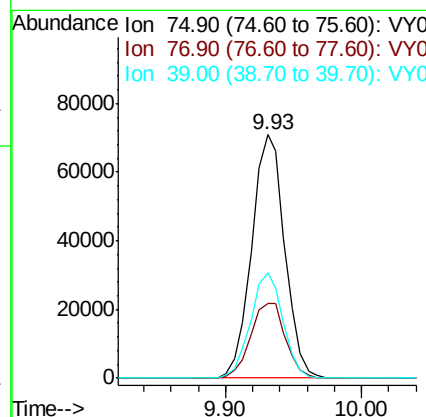
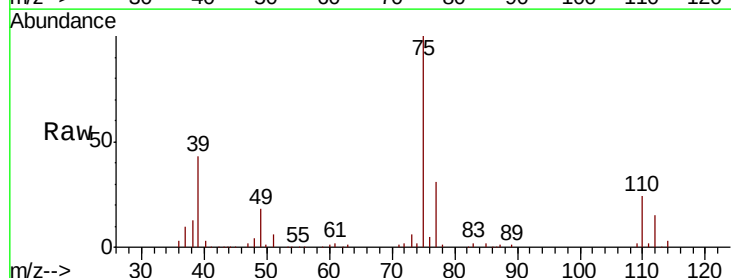
Manual Integrations
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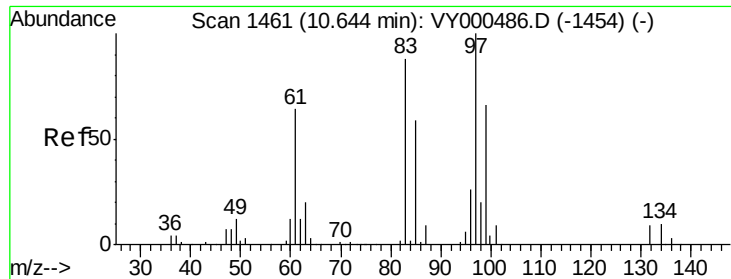
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#54
cis-1,3-Dichloropropene
Concen: 19.931 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 75 Resp: 120640
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 43.2 35.4 53.2





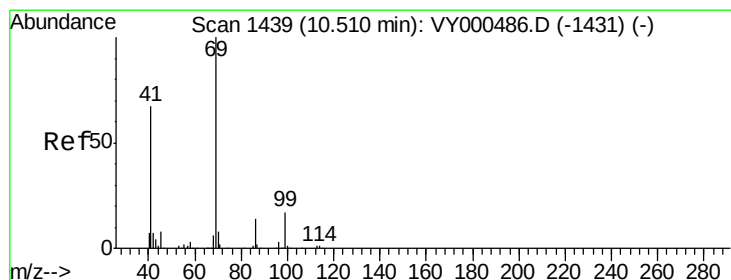
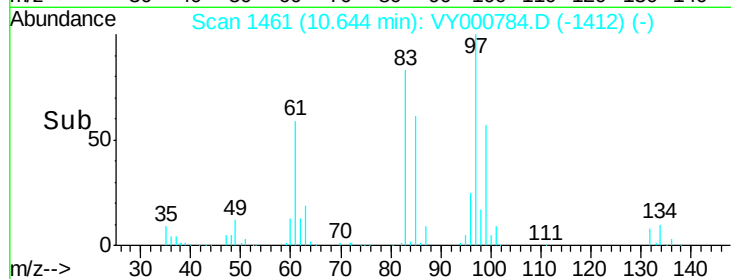
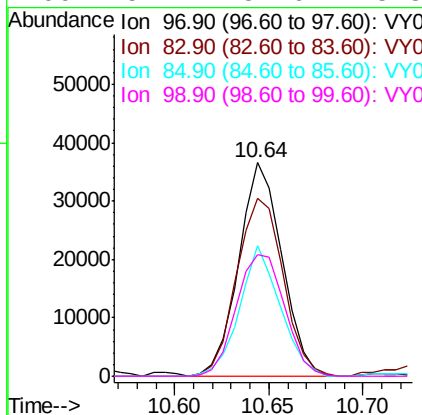
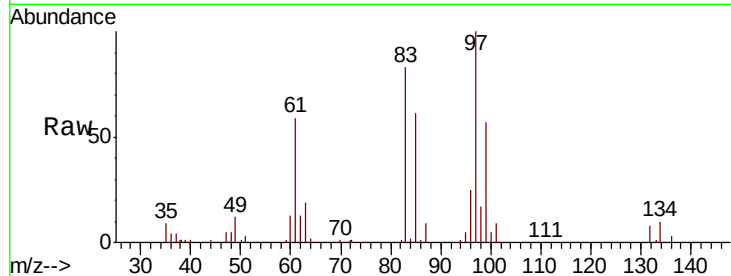
#55
 1,1,2-Trichloroethane
 Concen: 19.284 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion:	97	Resp:	58125
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.2	105.4
85	61.2	46.9	70.3
99	57.1	52.6	78.8

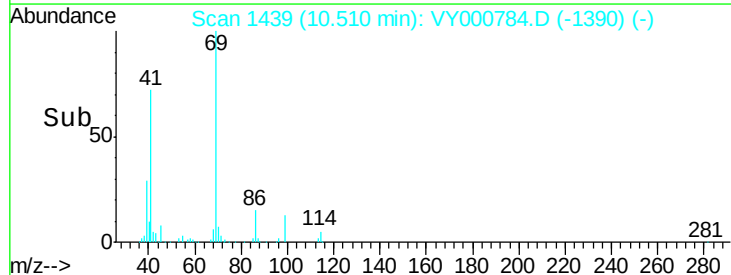
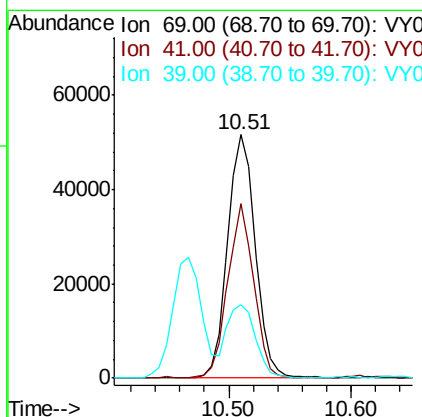
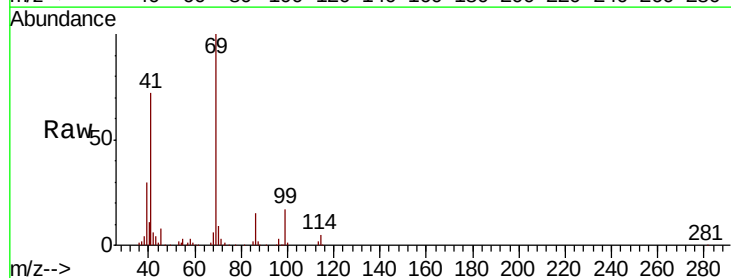
Manual Integrations
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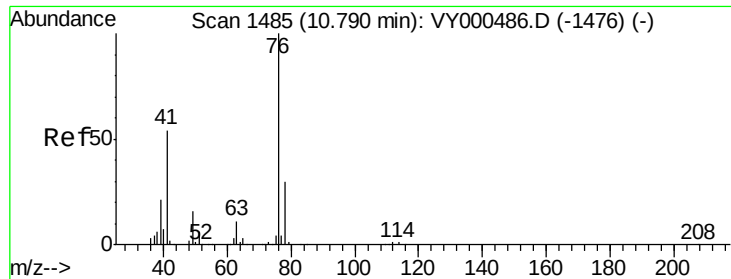
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 11/26/2019 1:33:59 AM



#56
 Ethyl methacrylate
 Concen: 18.909 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion:	69	Resp:	80784
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.3	79.9
39	30.8	28.0	42.0





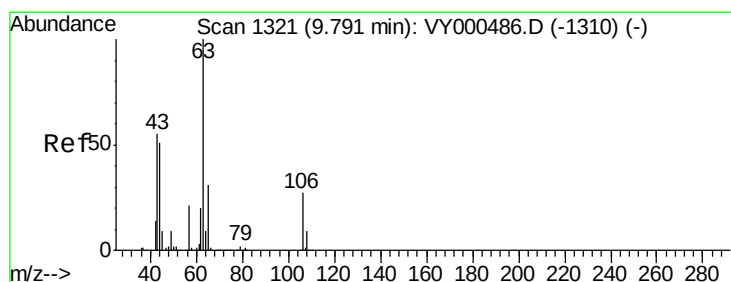
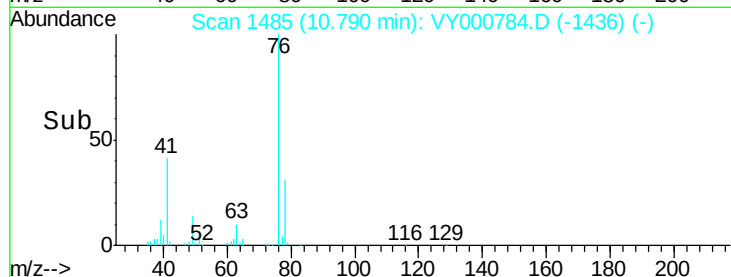
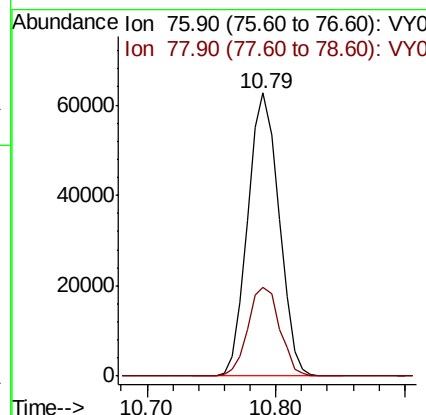
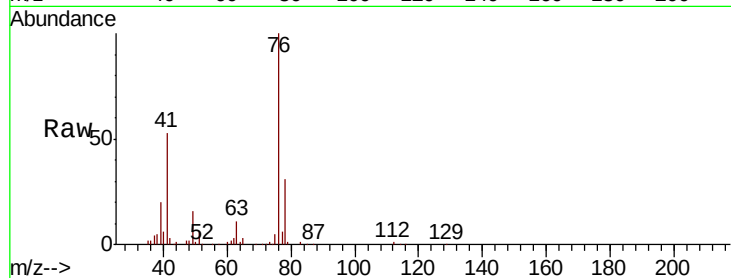
#57
 1,3-Dichloropropane
 Concen: 19.919 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion: 76 Resp: 105082
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8

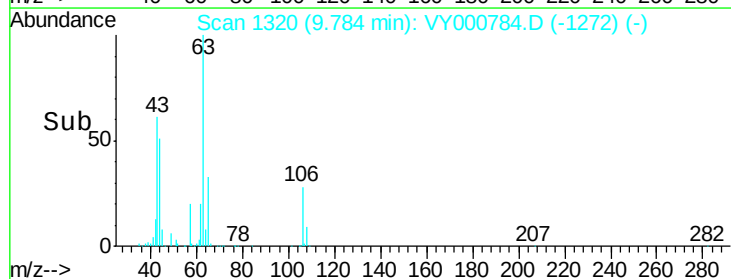
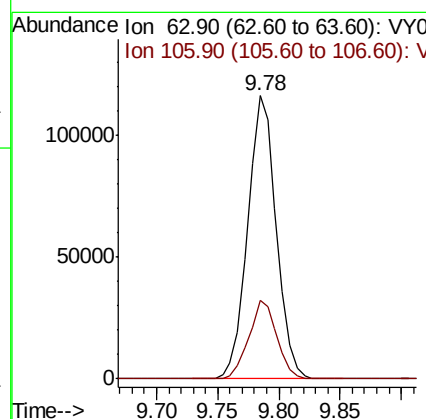
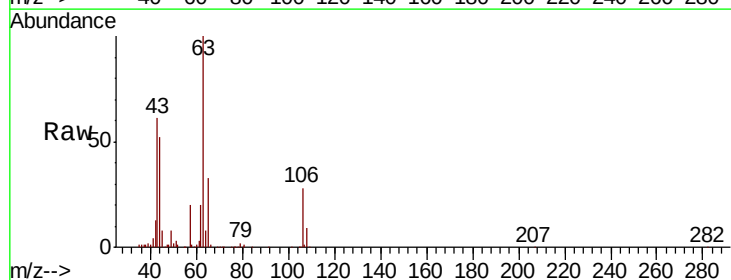
Manual Integrations
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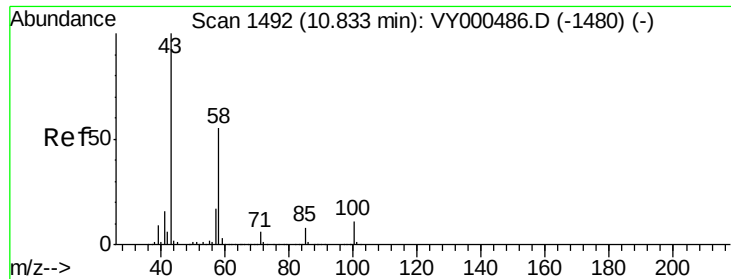
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.306 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 63 Resp: 187935
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.6 33.8





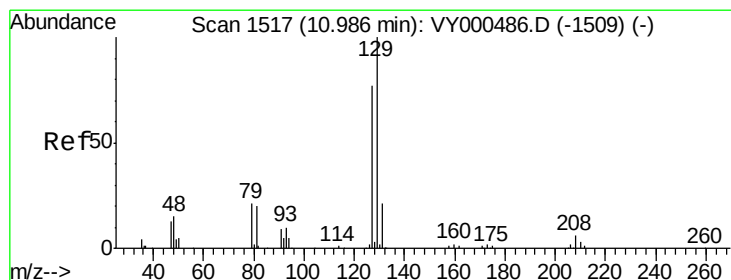
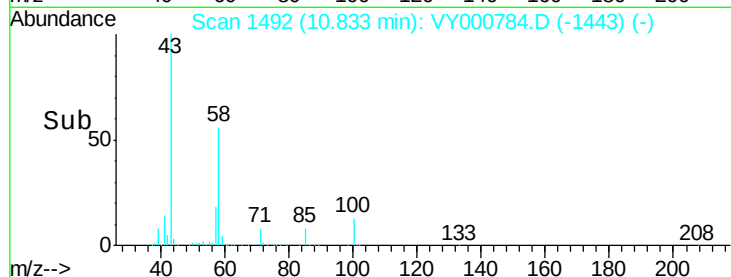
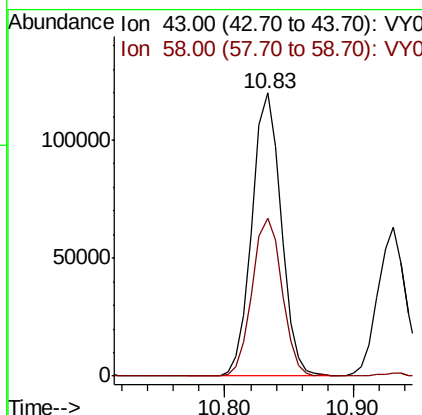
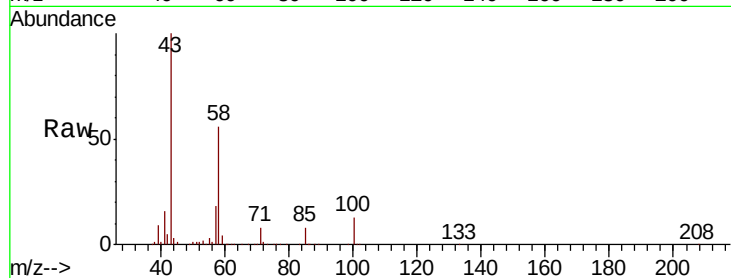
#59
2-Hexanone
Concen: 82.656 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	43	Resp	187530
Ion Ratio	43	100	
Lower	58	57.2	27.1
Upper			81.3

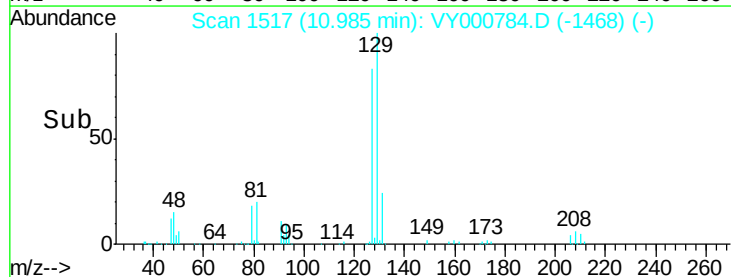
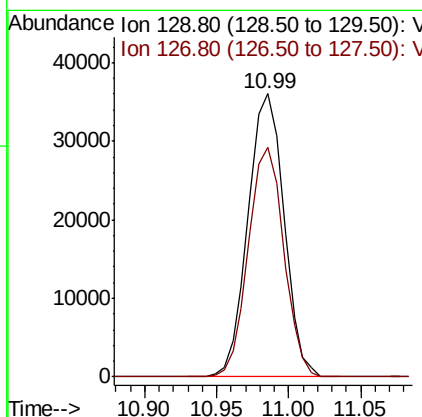
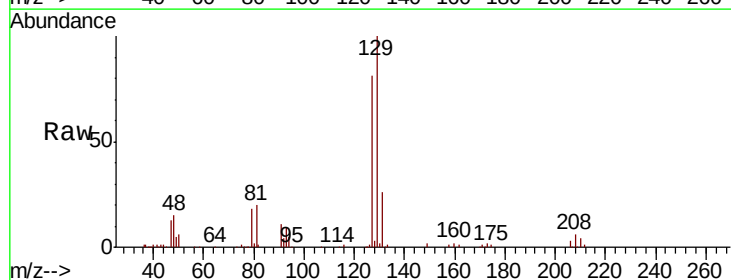
Manual Integrations
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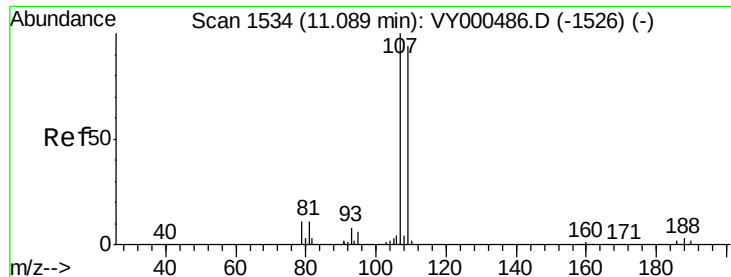
MMDadoda
11/26/2019 1:33:59 AM



#60
Dibromochloromethane
Concen: 18.068 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	129	Resp	62381
Ion Ratio	129	100	
Lower	127	79.8	39.1
Upper			117.2





#61

1,2-Dibromoethane

Concen: 18.940 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 107 Resp: 54891

Ion Ratio Lower Upper

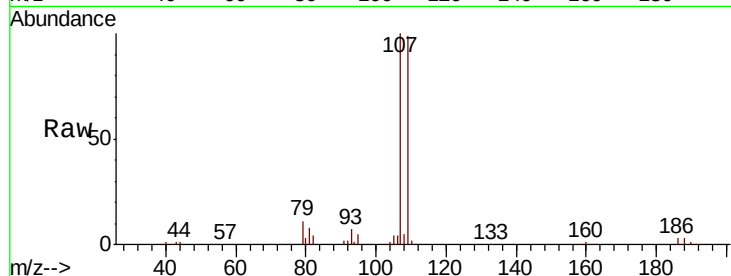
107 100

109 97.4 73.6 110.4

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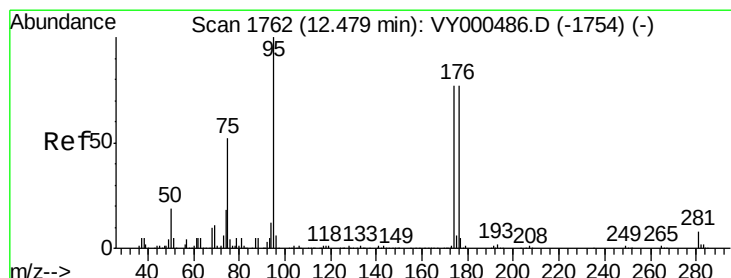
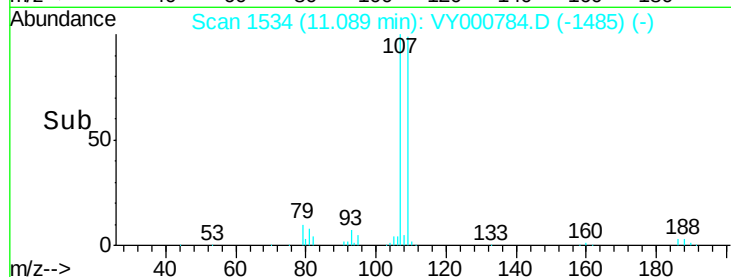
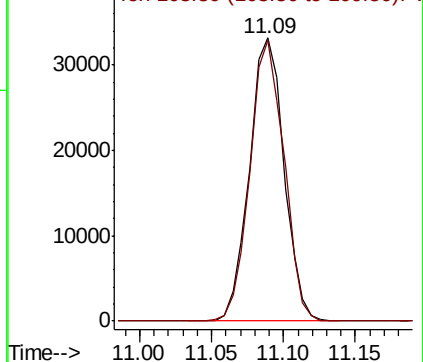
MMDadoda

11/26/2019 1:33:59 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.132 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

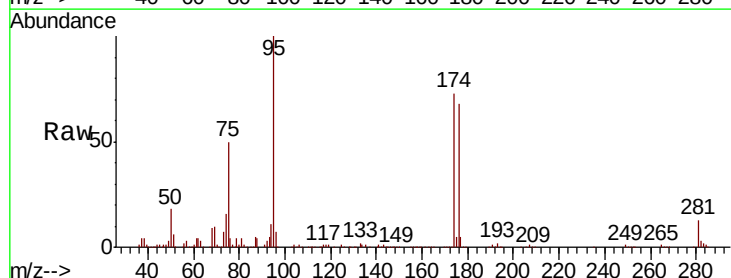
Tgt Ion: 95 Resp: 226743

Ion Ratio Lower Upper

95 100

174 74.0 0.0 161.6

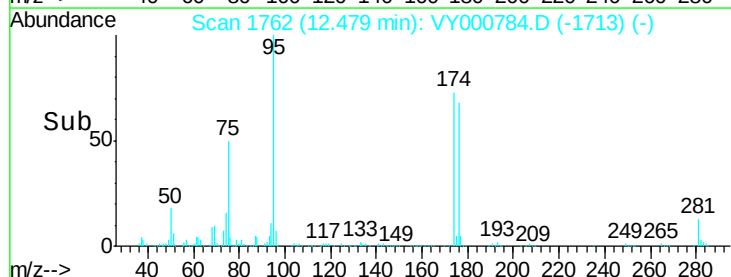
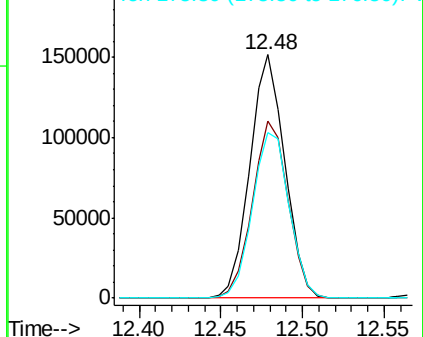
176 71.3 0.0 157.8

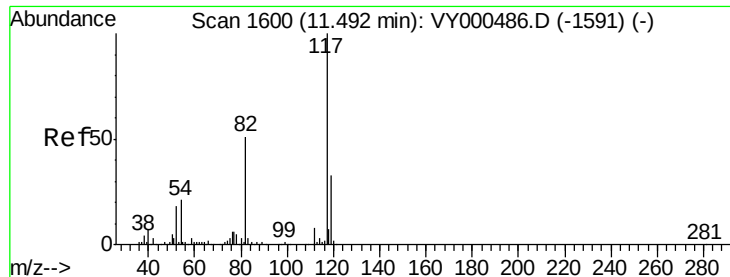


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





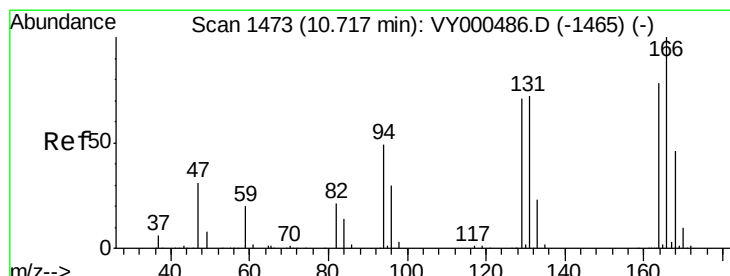
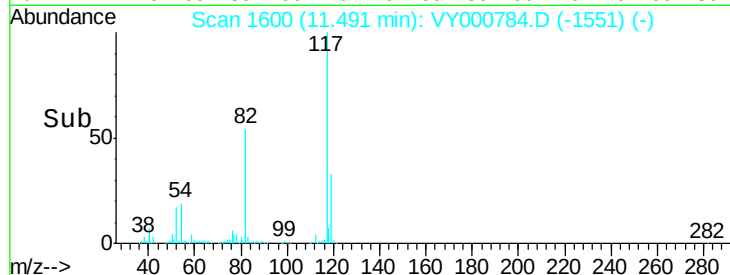
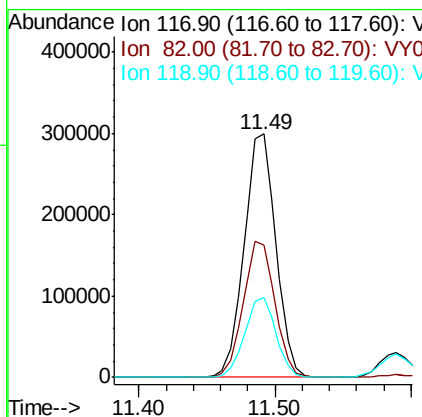
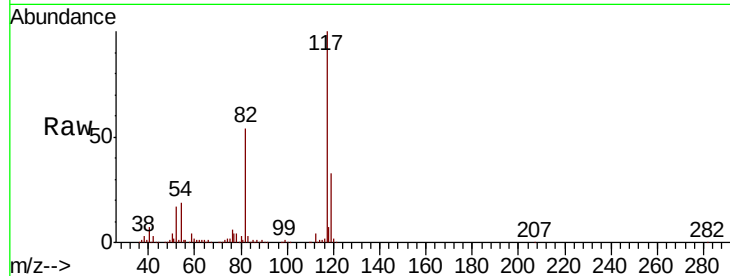
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	488881		
82	54.3		40.8	61.2
119	32.7		26.2	39.2

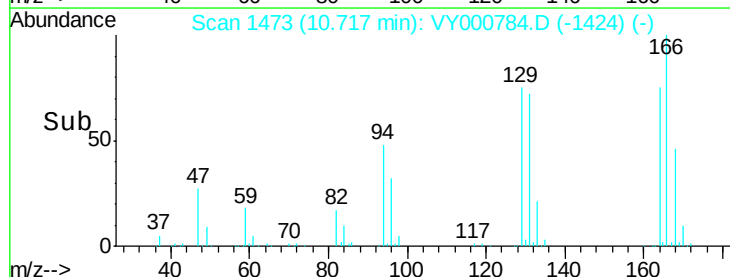
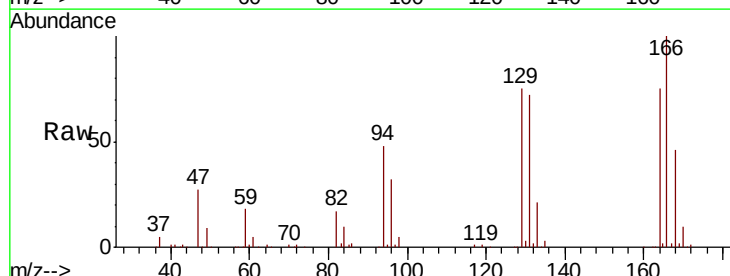
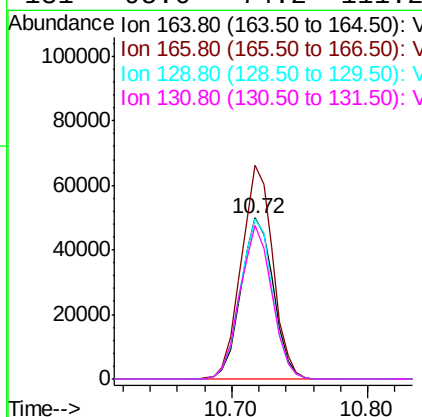
Manual Integrations
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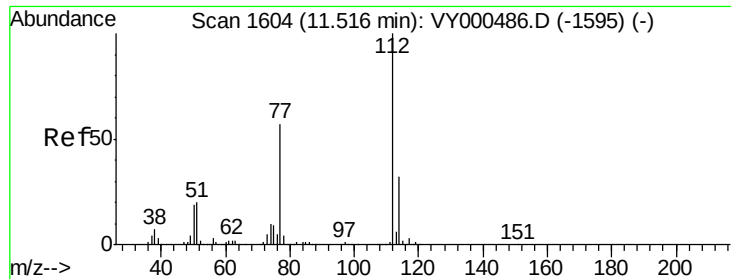
MMDadoda
11/26/2019 1:33:59 AM



#64
Tetrachloroethene
Concen: 20.547 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83061		
166	132.8		102.7	154.1
129	99.4		73.2	109.8
131	95.6		74.2	111.2





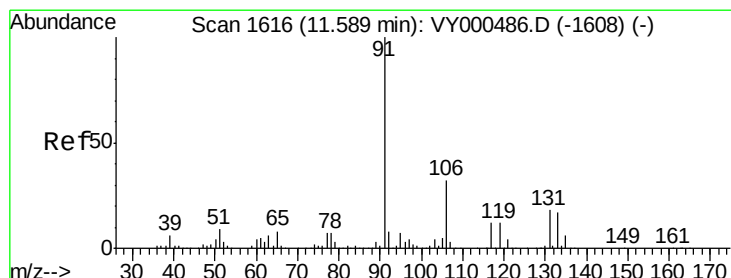
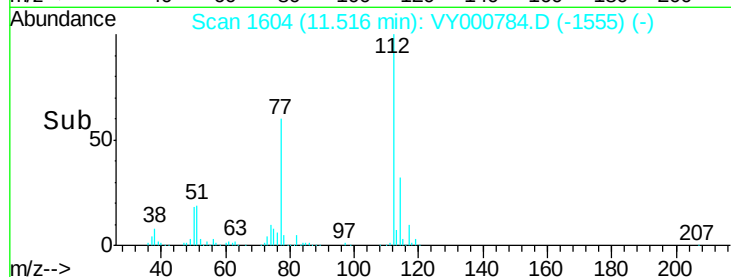
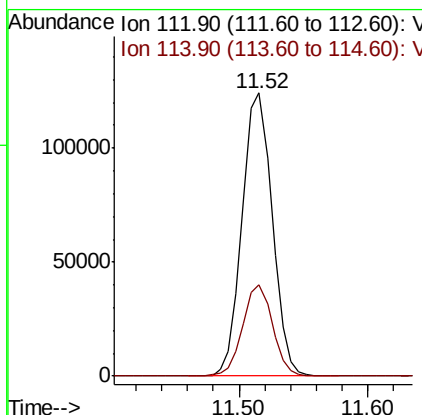
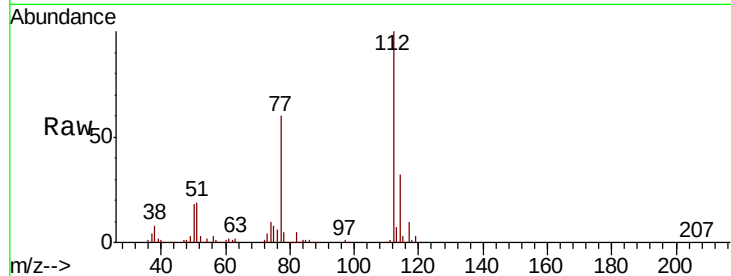
#65
Chlorobenzene
Concen: 20.286 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.3	37.9

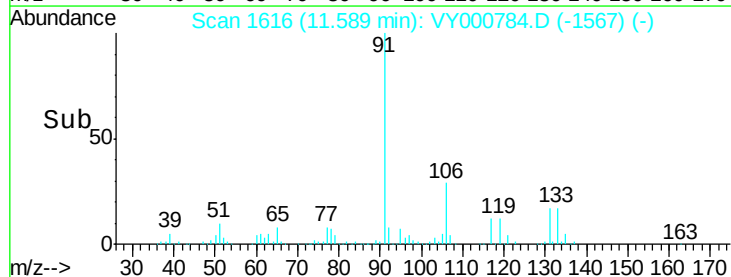
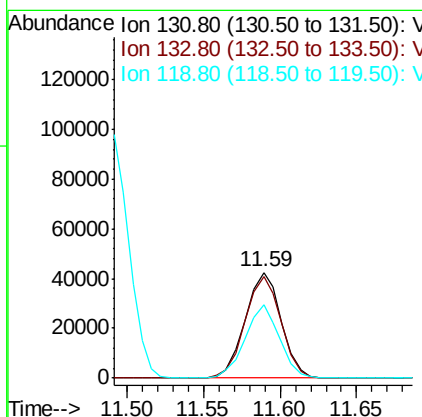
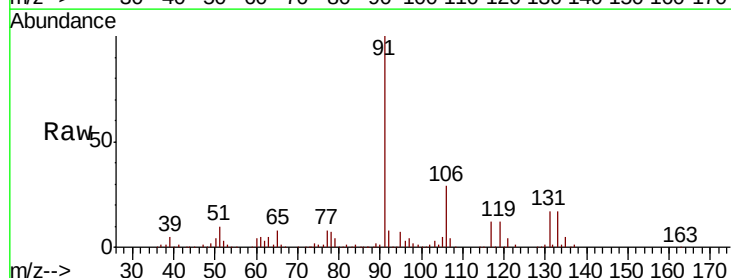
Manual Integrations
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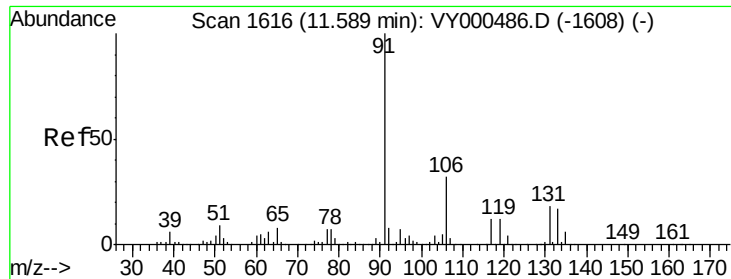
MMDadoda
11/26/2019 1:33:59 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.183 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.9	143.8
119	66.5	33.1	99.3





#67

Ethyl Benzene

Concen: 21.125 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 91 Resp: 385365

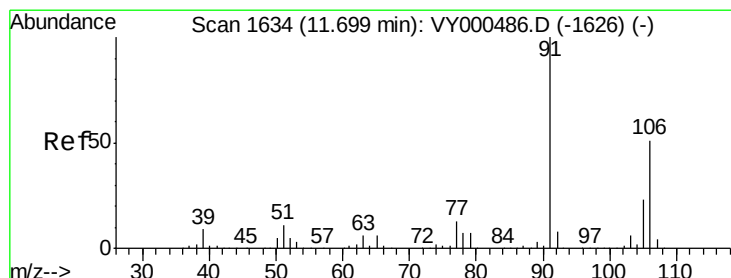
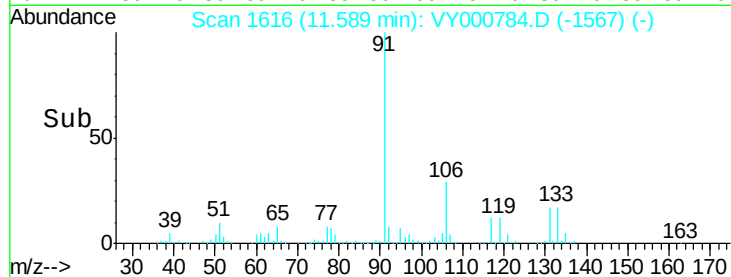
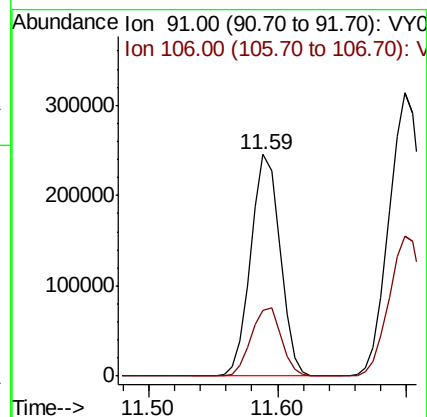
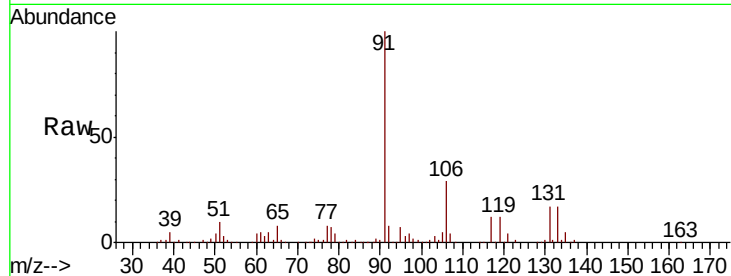
Ion Ratio Lower Upper

91 100

106 29.4 25.4 38.0

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#68

m/p-Xylenes

Concen: 40.863 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000784.D

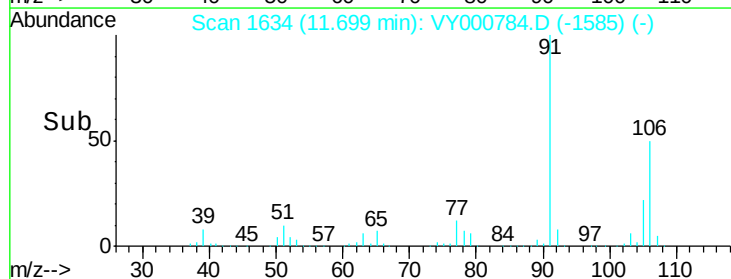
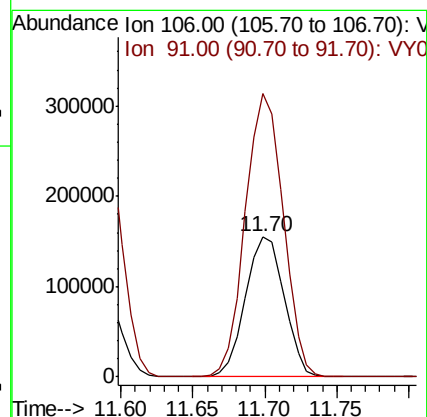
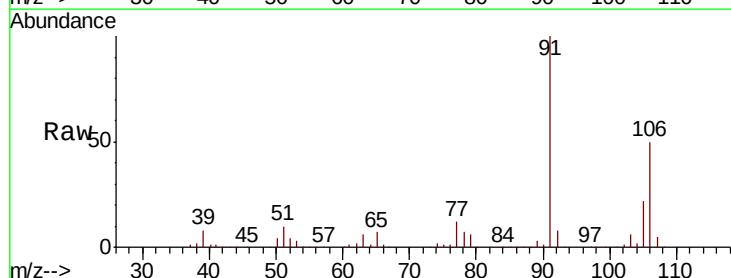
Acq: 22 Nov 2019 11:43

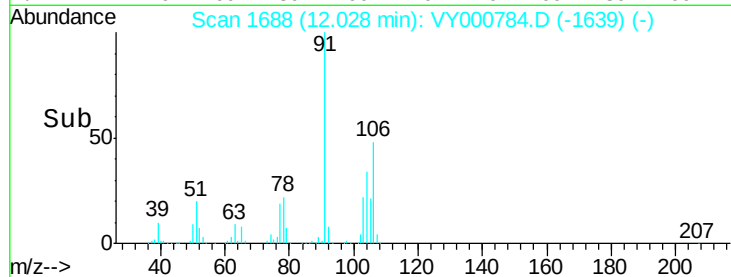
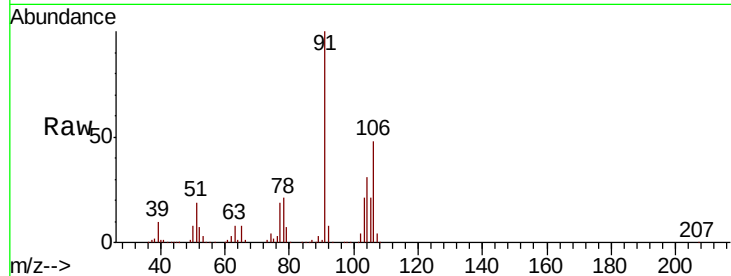
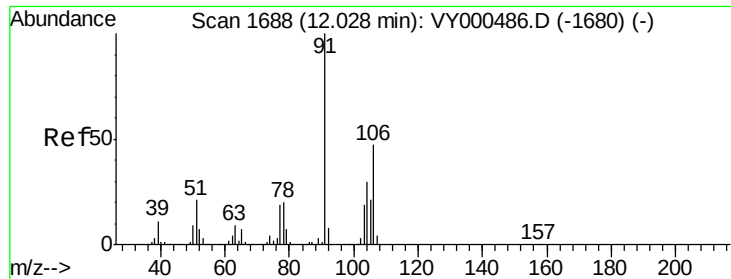
Tgt Ion: 106 Resp: 288511

Ion Ratio Lower Upper

106 100

91 198.6 155.9 233.9





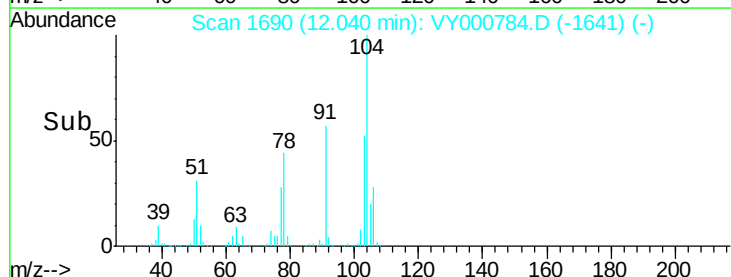
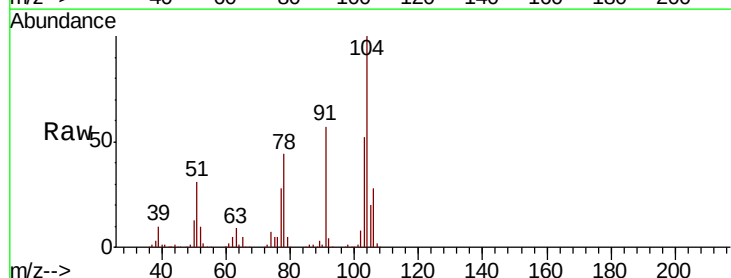
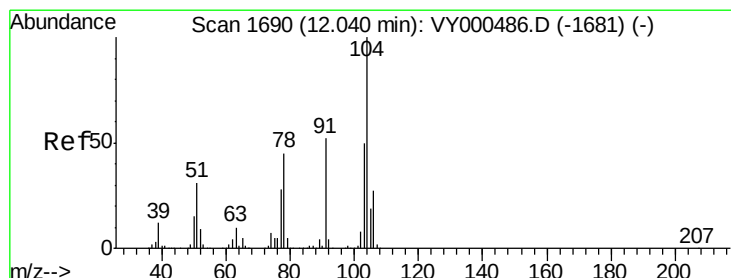
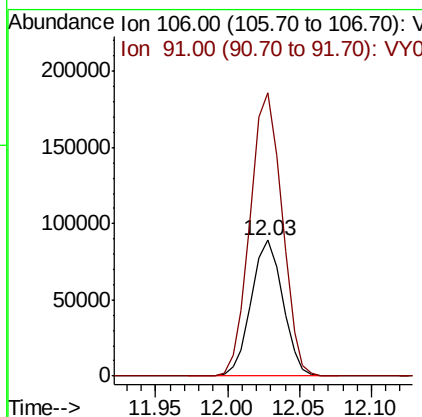
#69
o-Xylene
Concen: 20.434 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	106.5	319.6

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

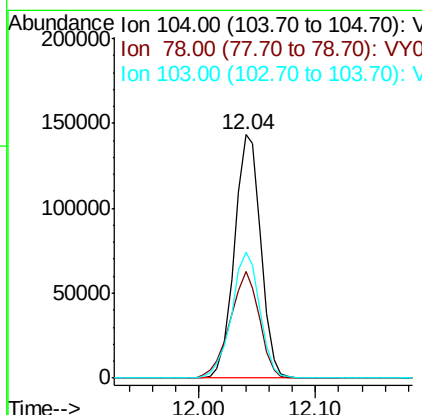
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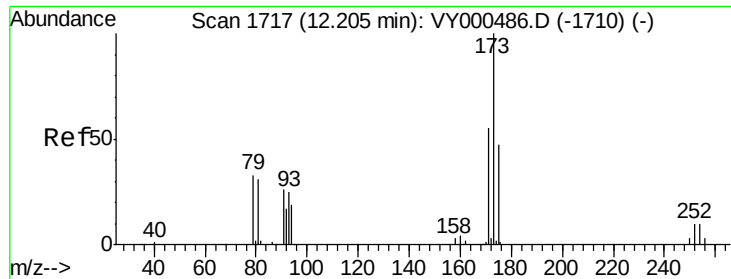
MMDadoda
11/26/2019 1:33:59 AM



#70
Styrene
Concen: 19.840 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.0	58.4
103	55.3	42.5	63.7





#71

Bromoform

Concen: 18.843 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion:173 Resp: 37257

Ion Ratio Lower Upper

173 100

175 47.0 24.4 73.2

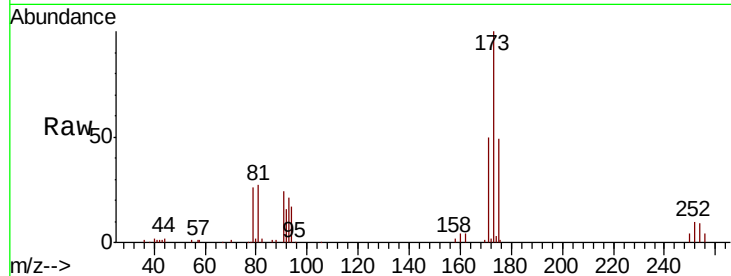
254 0.0 0.1 0.1#

Manual Integrations

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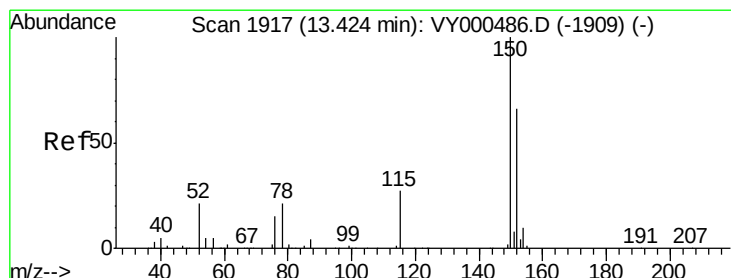
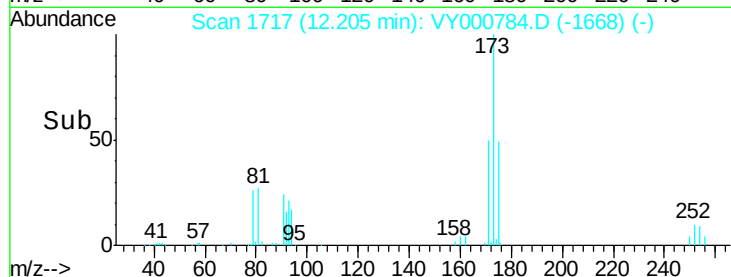
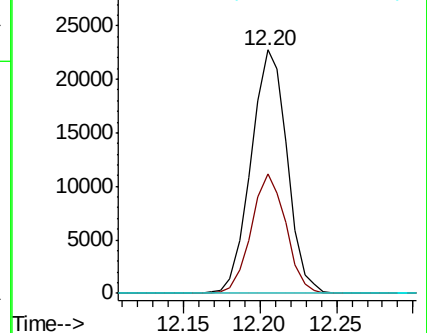
11/26/2019 1:33:59 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

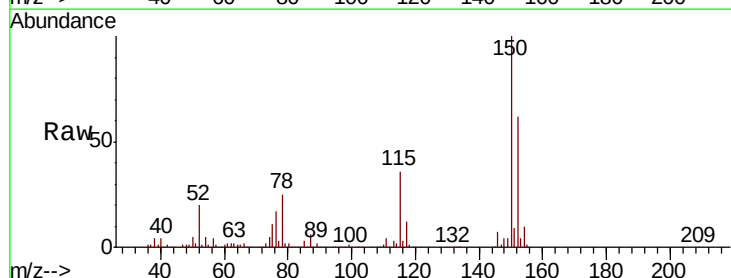
Tgt Ion:152 Resp: 233272

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

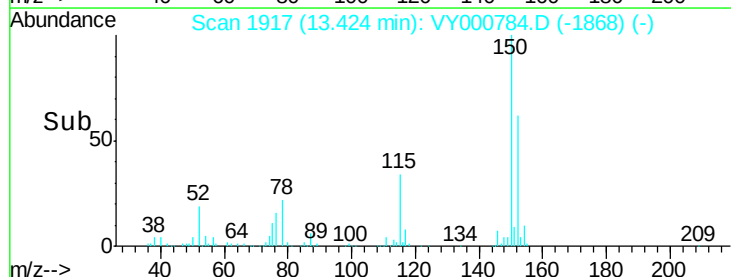
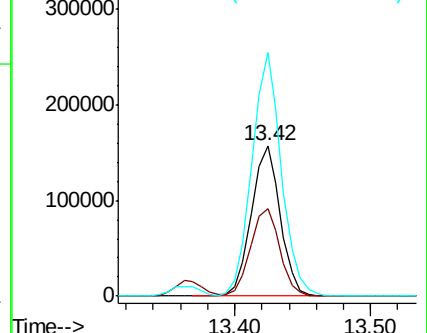
150 165.6 0.0 348.8

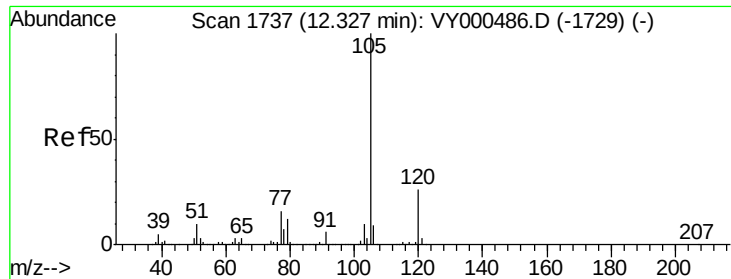


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





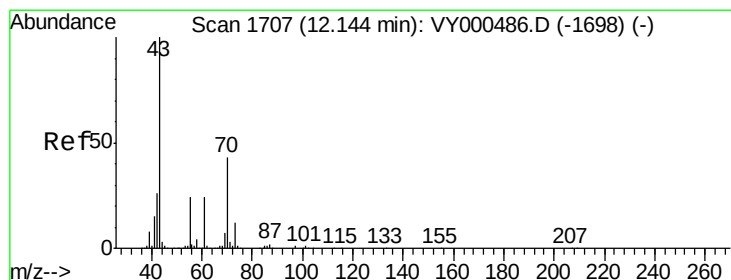
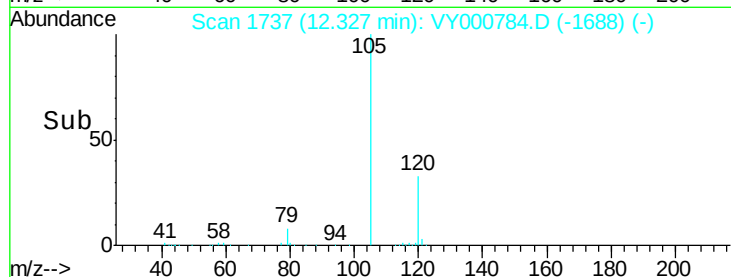
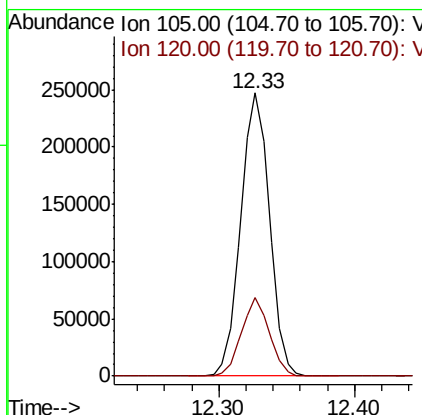
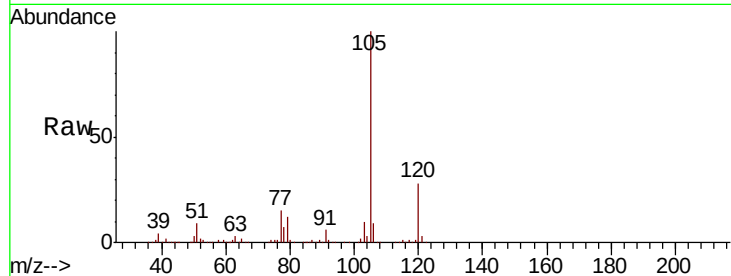
#73
Isopropylbenzene
Concen: 21.237 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.4

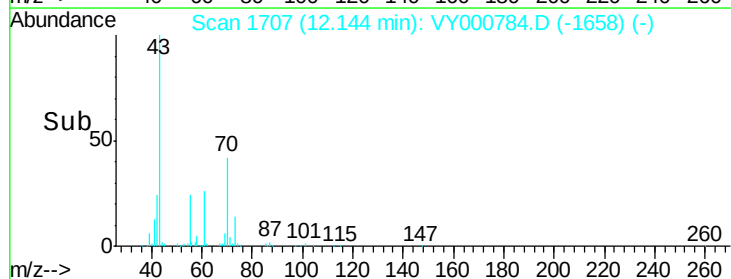
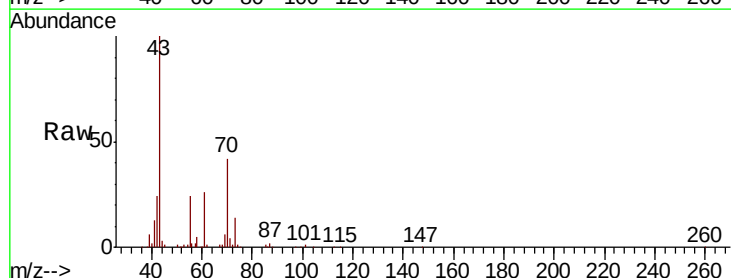
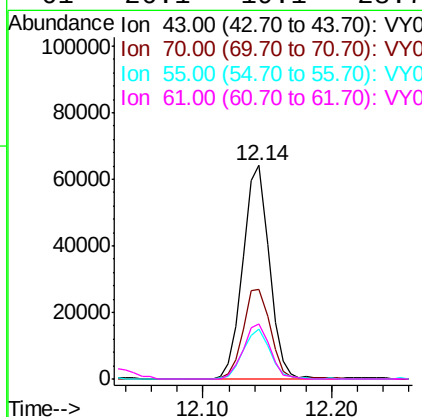
Manual Integrations
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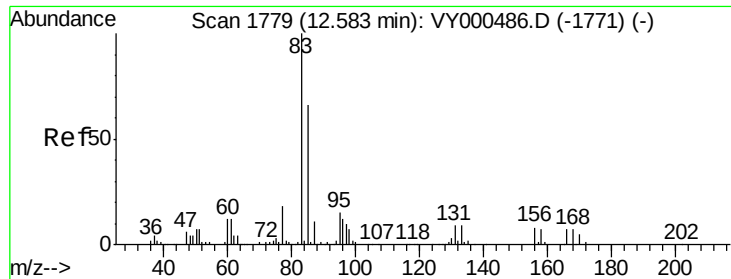
MMDadoda
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#74
N-ethyl acetate
Concen: 18.432 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.7	33.1	49.7
55	24.0	18.0	27.0
61	26.1	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.937 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

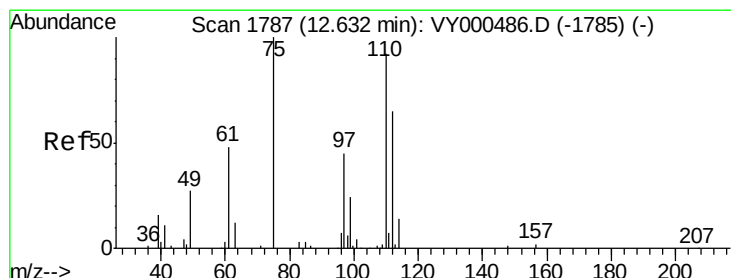
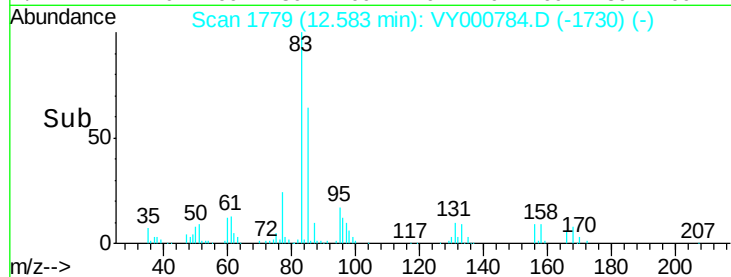
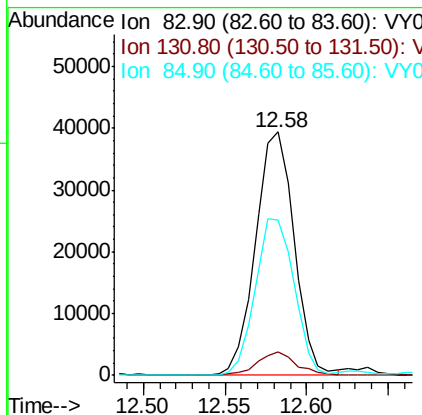
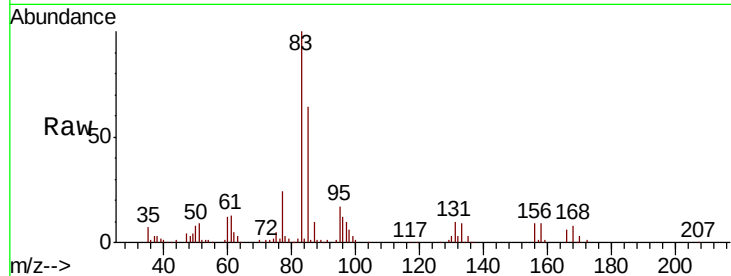
ClientSampleId :

VY1122SBS01

Tot Ion:	83	Resp:	64646
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	64.9	32.3	96.9

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11/26/2019 1:33:59 AM



#76

1,2,3-Trichloropropane

Concen: 18.004 ug/l m

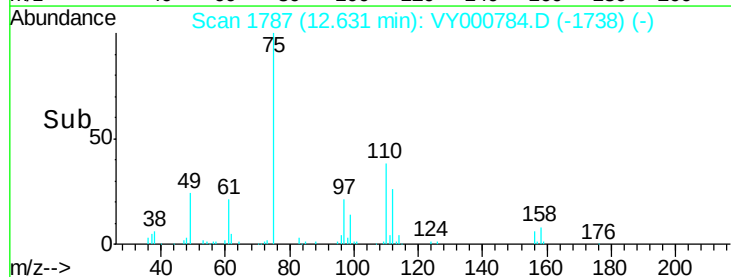
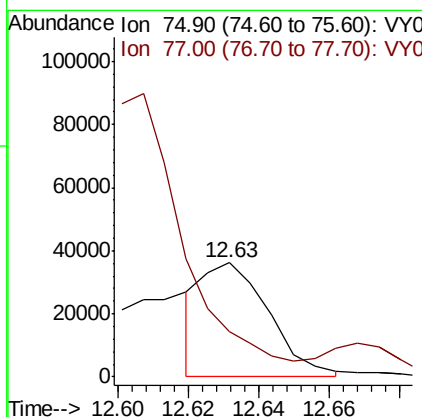
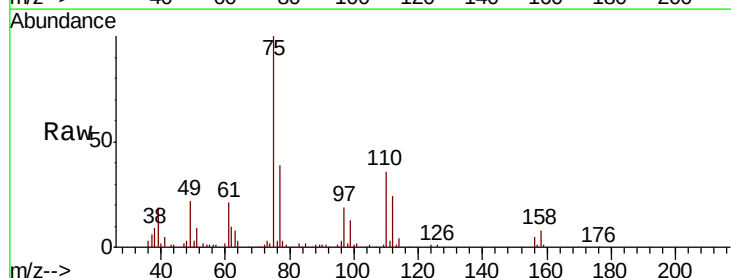
RT: 12.63 min Scan# 1787

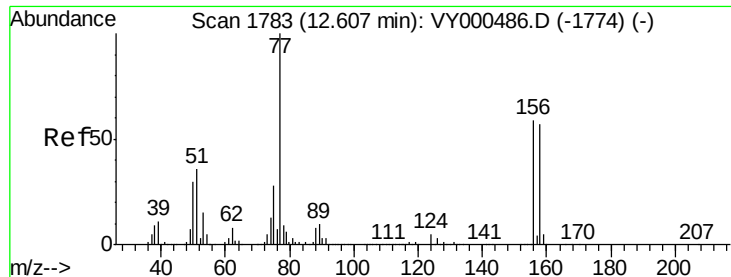
Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Tgt Ion:	75	Resp:	47821
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.638 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion:156 Resp: 80689

Ion Ratio Lower Upper

156 100

77 198.4 98.2 294.4

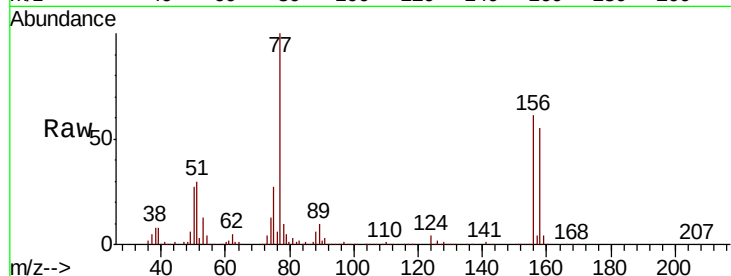
158 95.1 49.6 149.0

Manual Integrations

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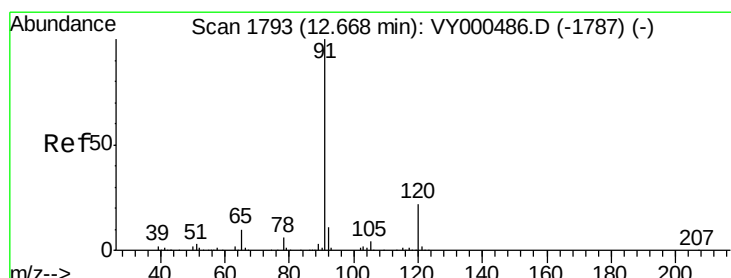
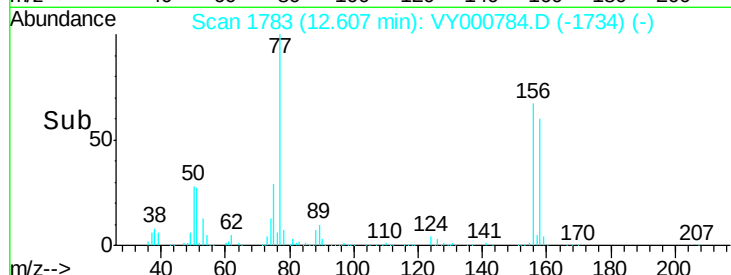
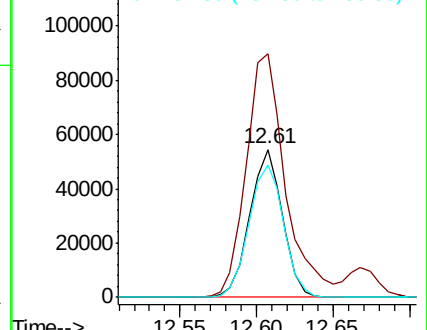
11/26/2019 1:33:59 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.681 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000784.D

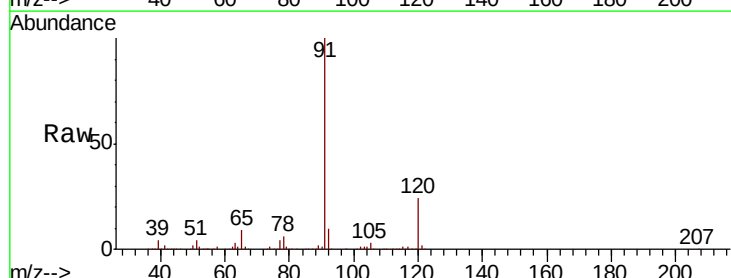
Acq: 22 Nov 2019 11:43

Tgt Ion: 91 Resp: 451002

Ion Ratio Lower Upper

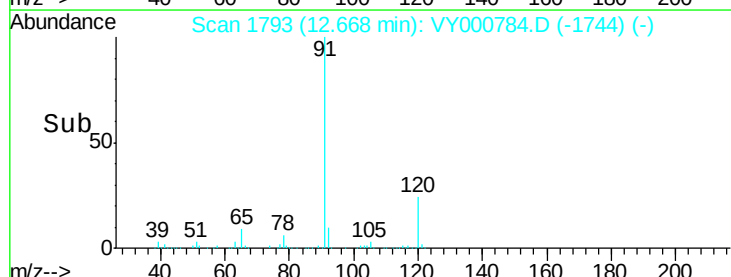
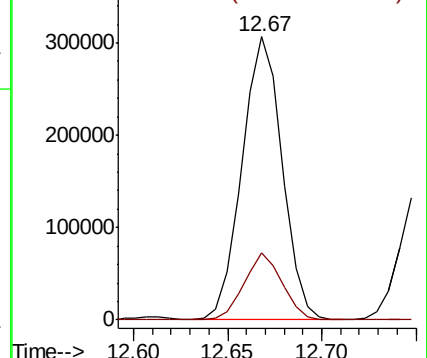
91 100

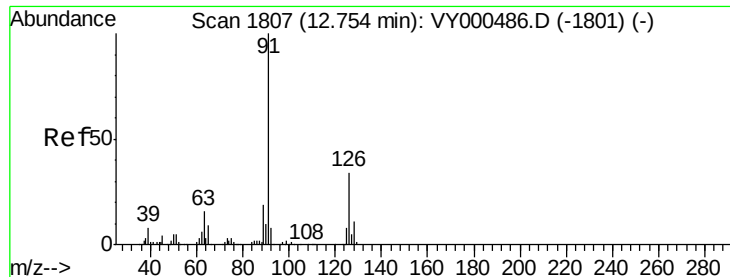
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.503 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000784.D

Acq: 22 Nov 2019 11:43

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBS01

Tot Ion: 91 Resp: 248329

Ion Ratio Lower Upper

91 100

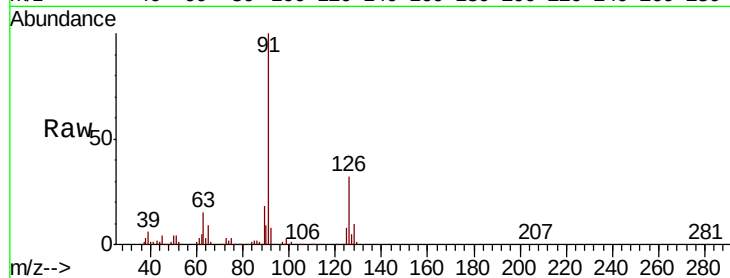
126 33.0 17.7 53.1

Manual Integrations

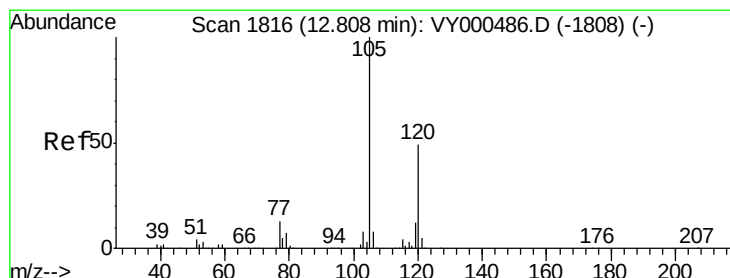
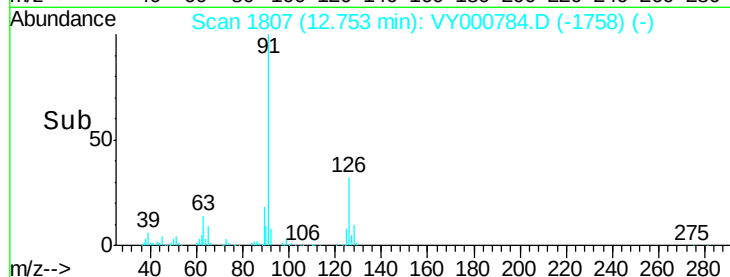
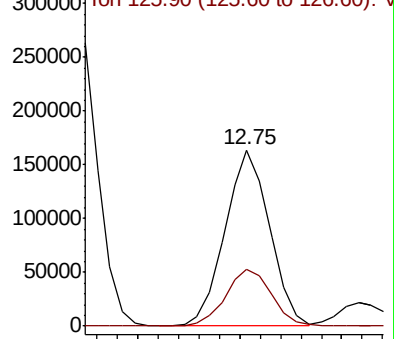
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Abundance Ion 91.00 (90.70 to 91.70): VY000784.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.443 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000784.D

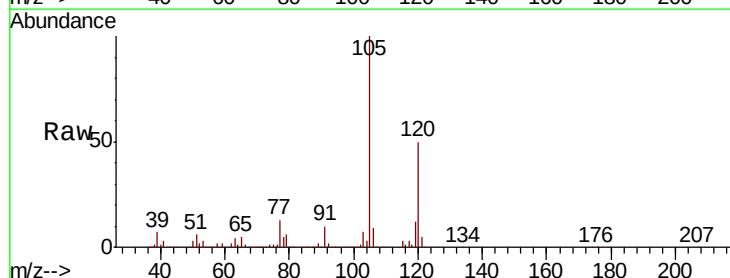
Acq: 22 Nov 2019 11:43

Tgt Ion:105 Resp: 307895

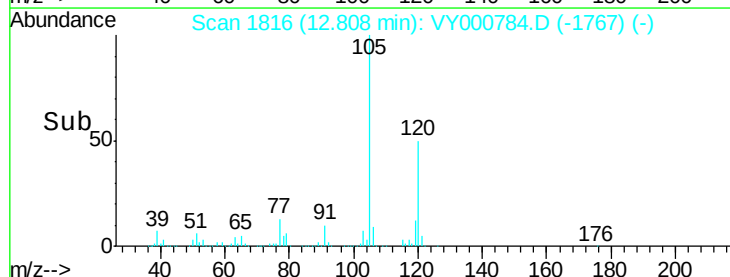
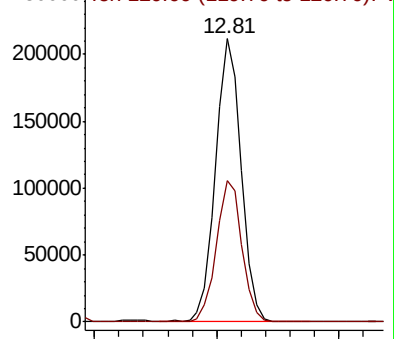
Ion Ratio Lower Upper

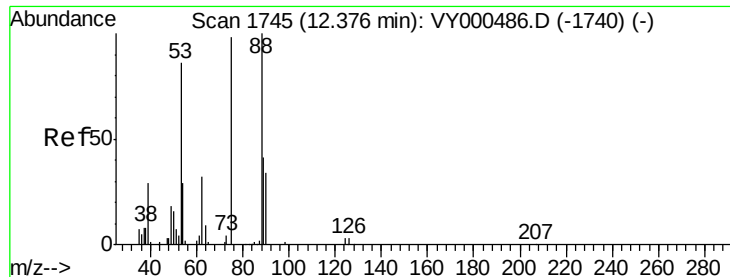
105 100

120 49.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000784.D (-1767) (-)





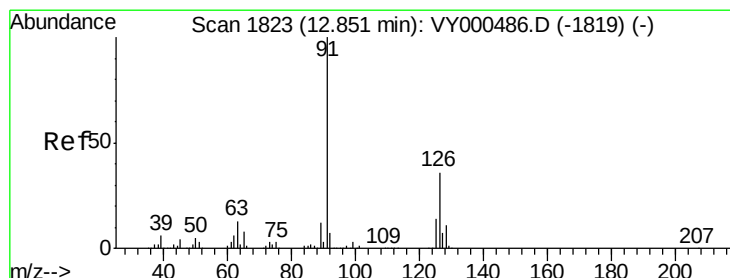
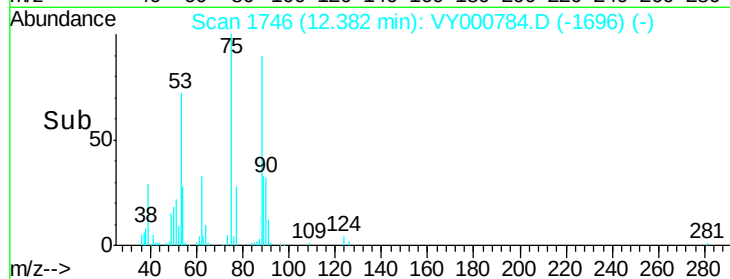
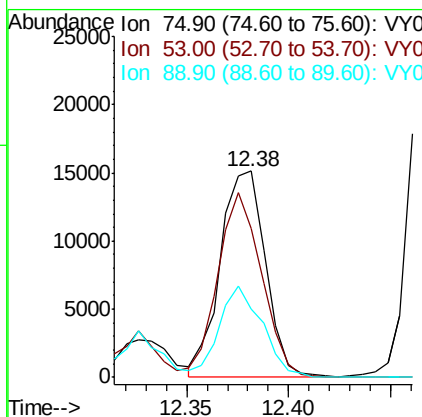
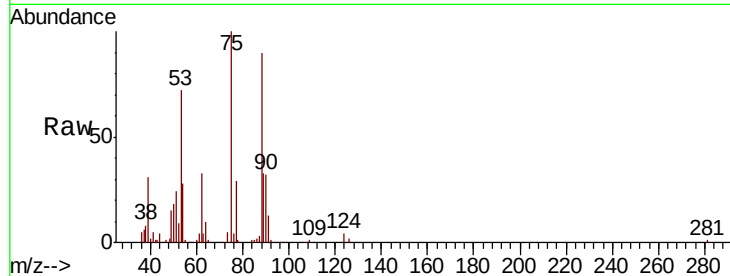
#81
trans-1,4-Dichloro-2-butene
Concen: 19.672 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.3	73.2	109.8
89	42.2	35.9	53.9

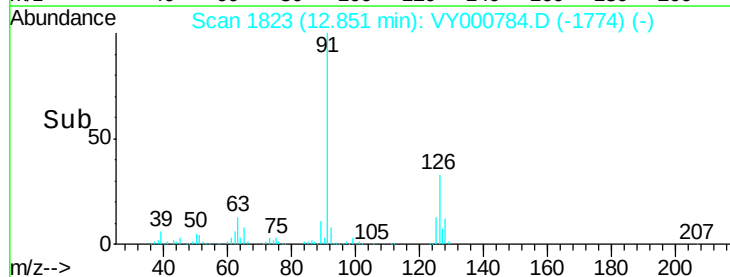
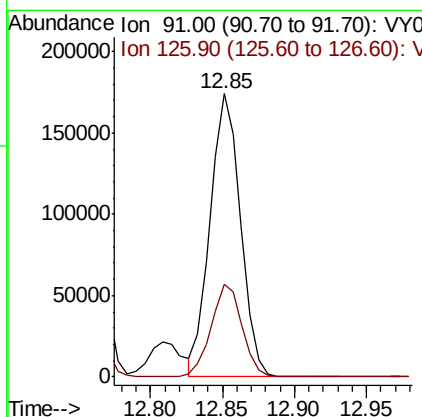
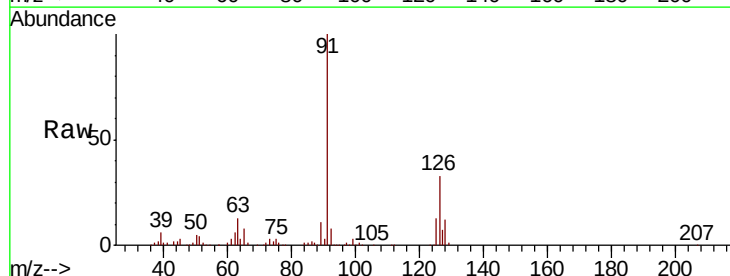
Manual Integrations
APPROVED

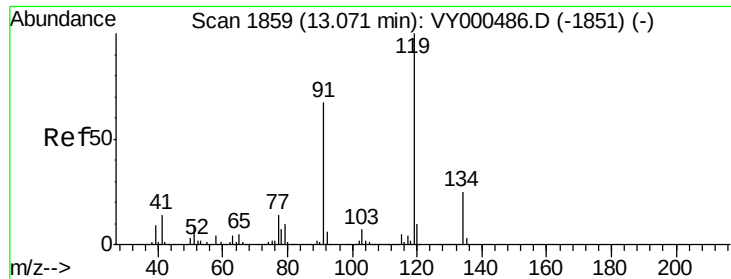
MMDadoda
11/26/2019 1:33:59 AM



#82
4-Chlorotoluene
Concen: 21.393 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	17.6	52.9





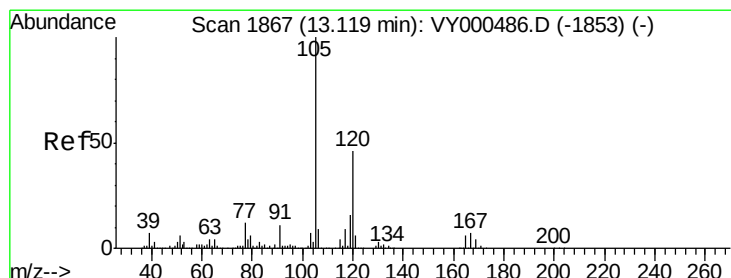
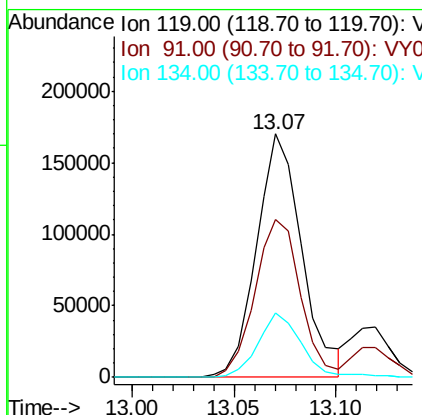
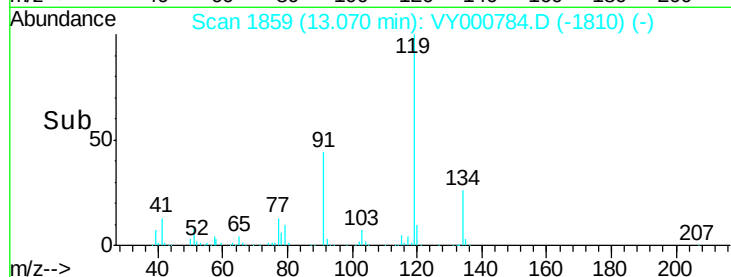
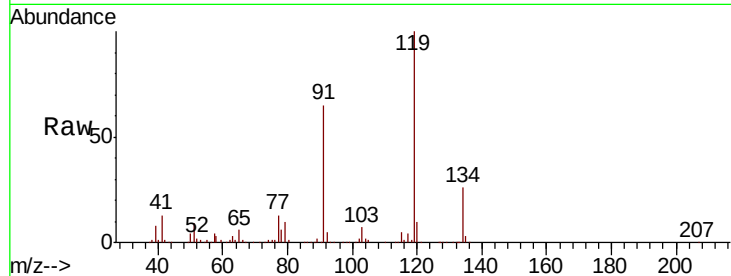
#83
tert-Butylbenzene
Concen: 21.420 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	262617		
91	65.2		32.1	96.3
134	25.8		13.2	39.5

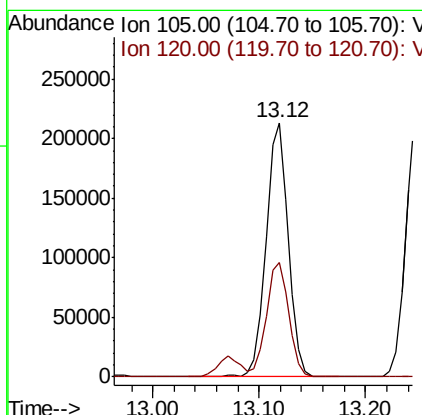
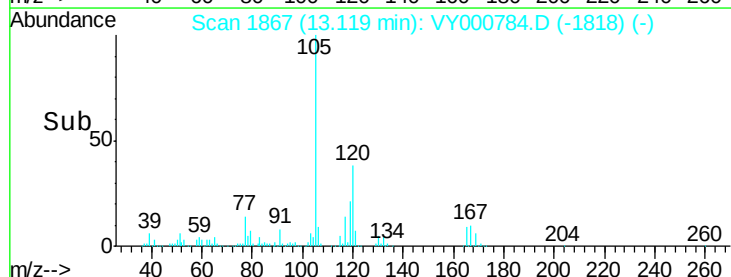
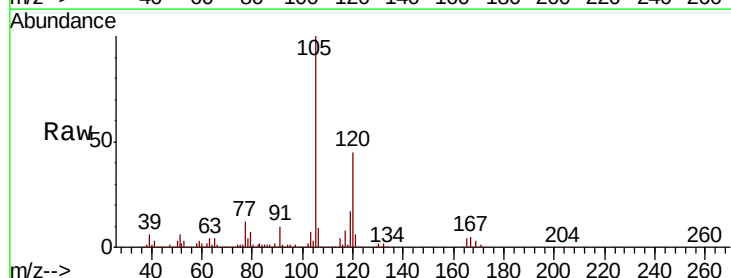
Manual Integrations
APPROVED

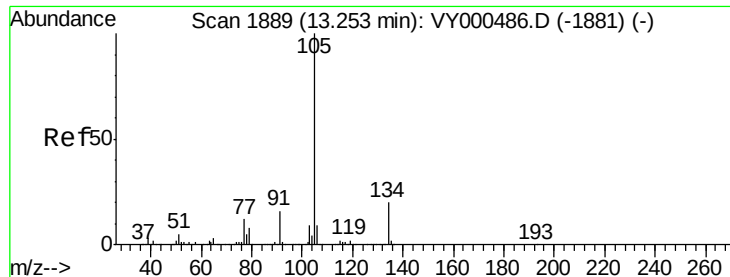
MMDadoda
11/26/2019 1:33:59 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.645 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	309449		
120	45.7		23.3	69.9





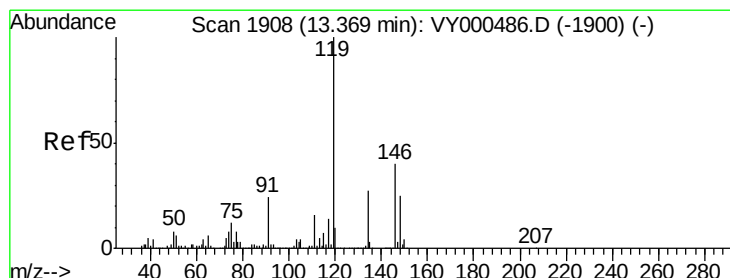
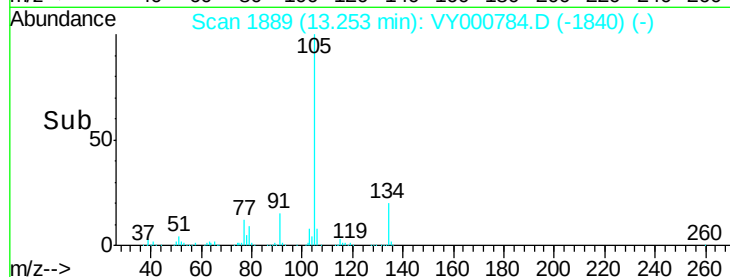
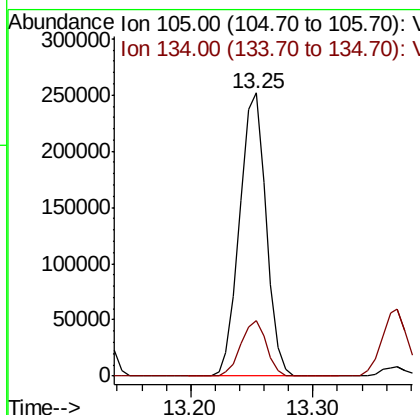
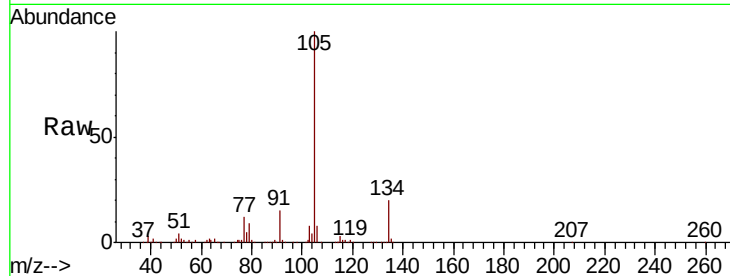
#85
 sec-Butylbenzene
 Concen: 21.573 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.1	30.1

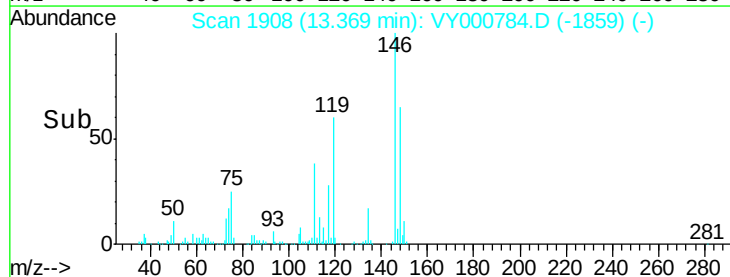
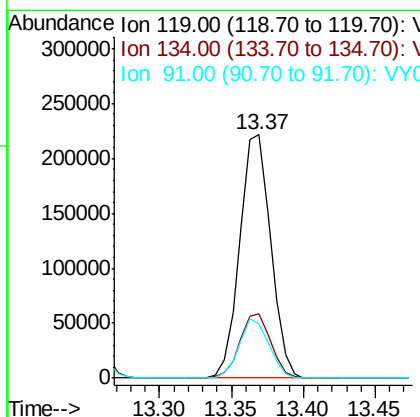
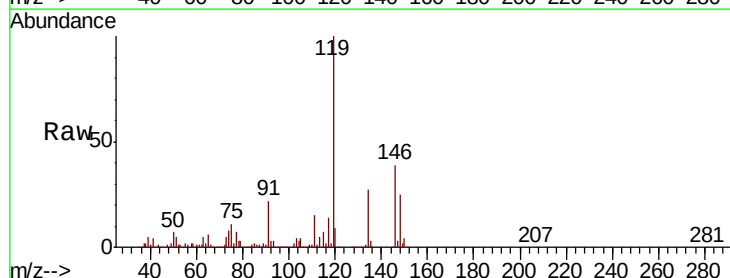
Manual Integrations
 APPROVED

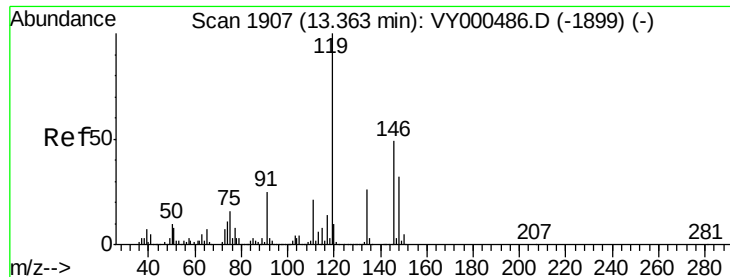
MMDadoda
 11/26/2019 1:33:59 AM



#86
 p-Isopropyltoluene
 Concen: 21.231 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.8
91	23.4	12.0	36.1





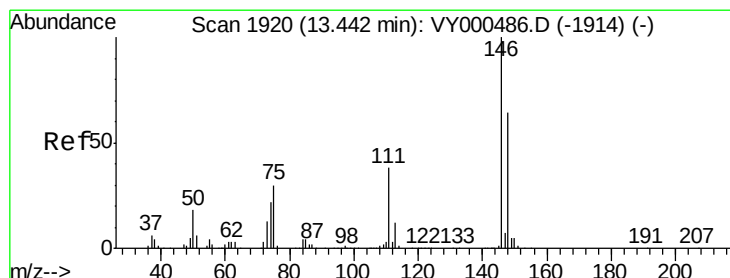
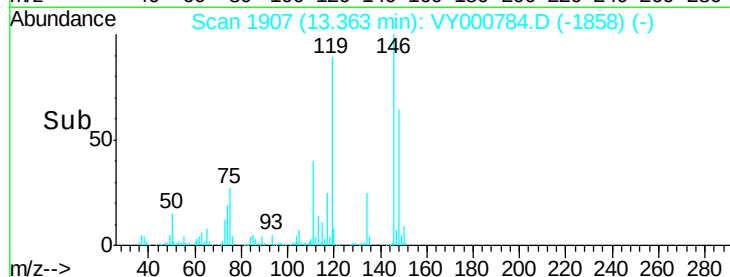
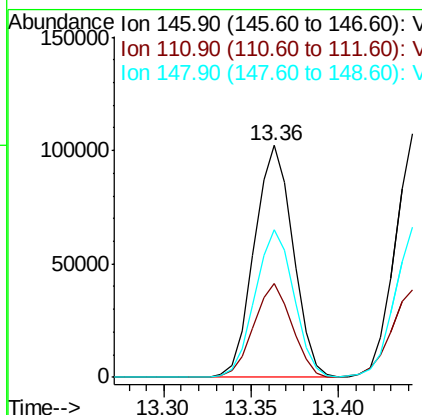
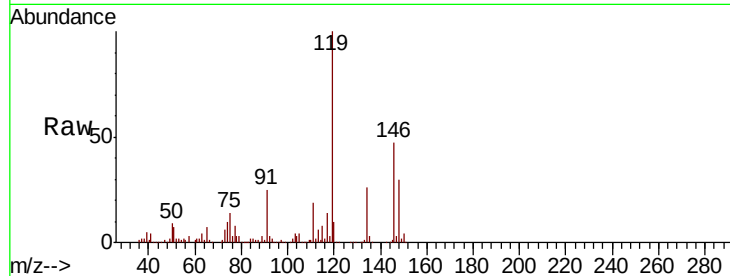
#87
 1,3-Dichlorobenzene
 Concen: 20.616 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.8
148	63.4	31.5	94.5

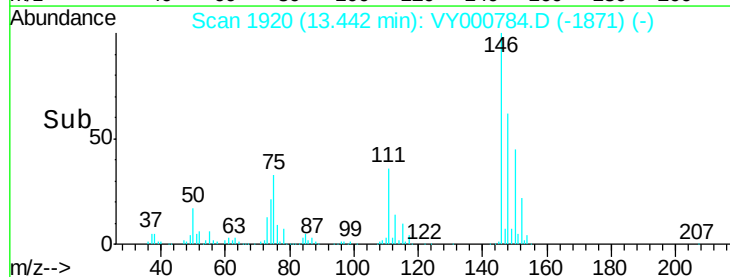
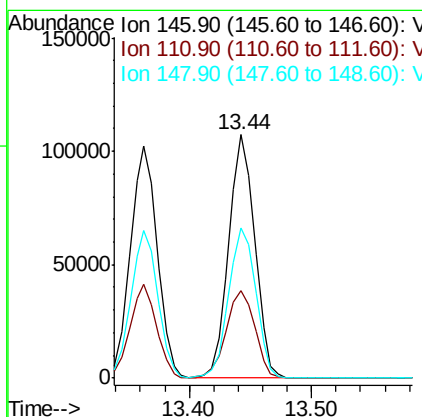
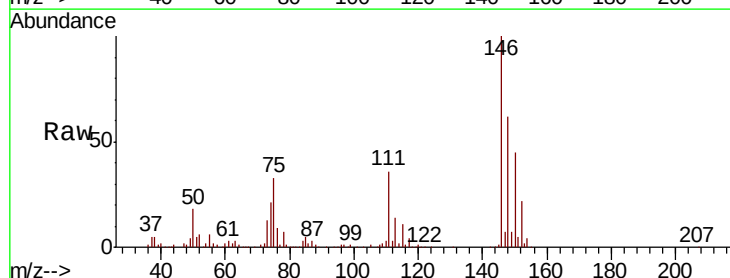
Manual Integrations
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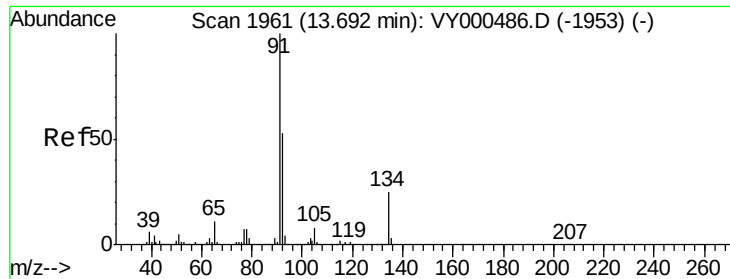
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 11/26/2019 1:33:59 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	64.4	31.9	95.7





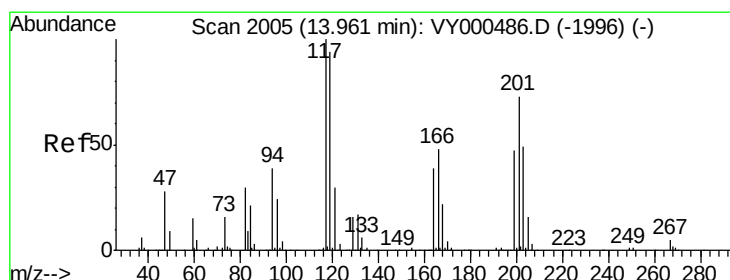
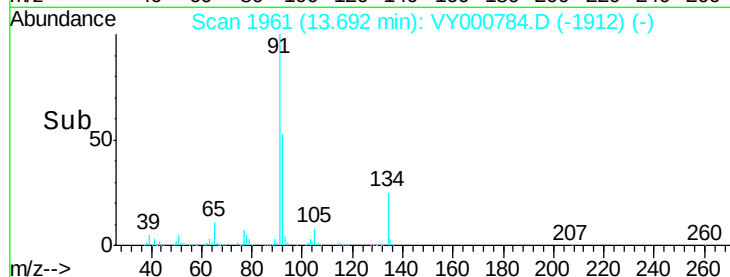
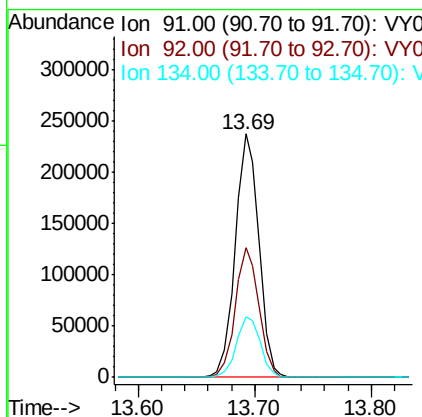
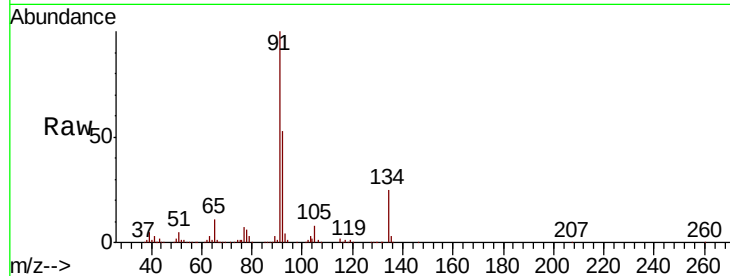
#89
n-Butylbenzene
Concen: 21.789 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.8	80.3	
134	25.4	12.9	38.7	

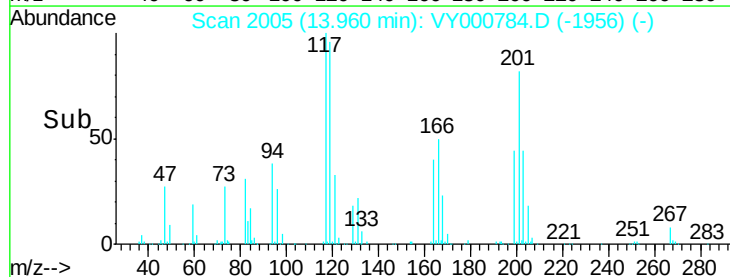
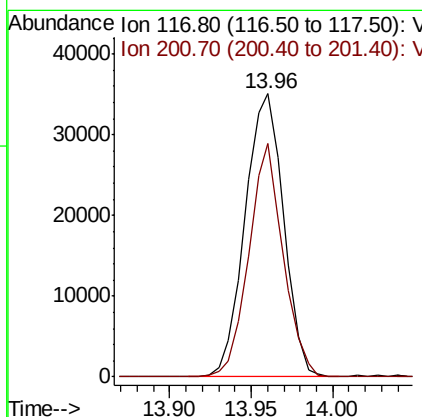
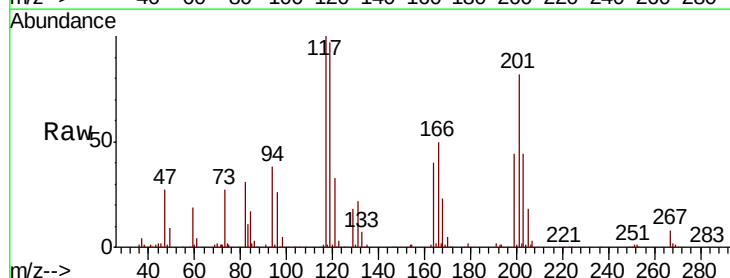
Manual Integrations
APPROVED

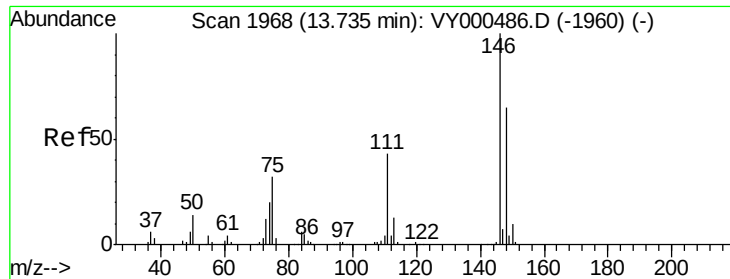
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11/26/2019 1:33:59 AM



#90
Hexachloroethane
Concen: 20.005 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	73.5	35.8	107.3	





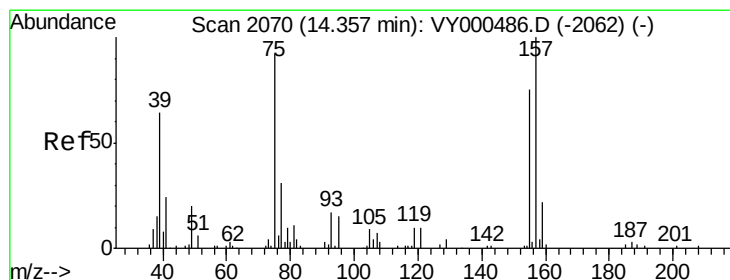
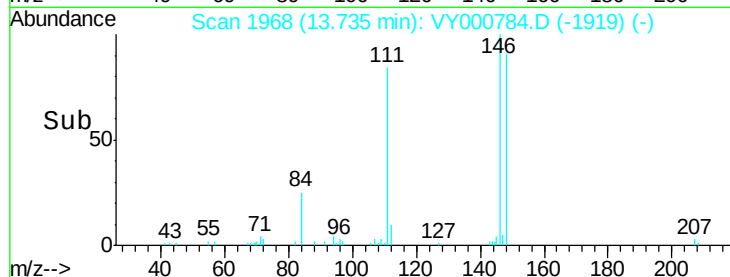
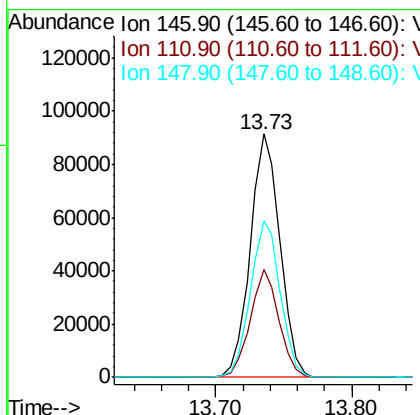
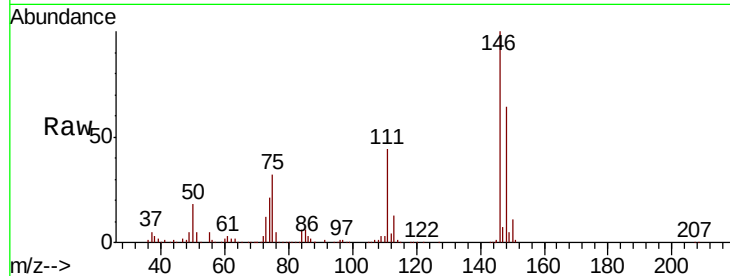
#91
 1,2-Dichlorobenzene
 Concen: 20.103 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.5
148	64.5	31.7	95.1

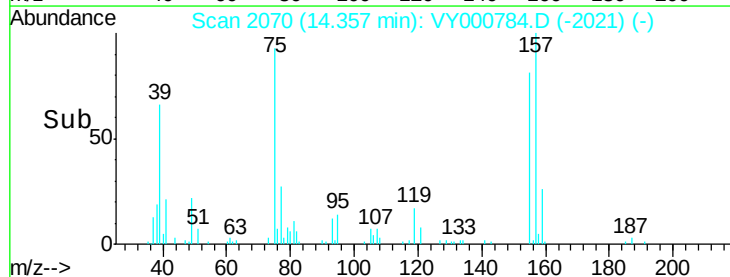
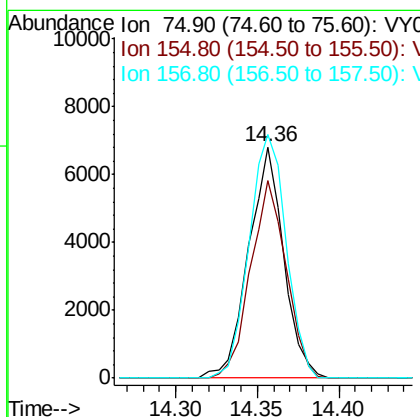
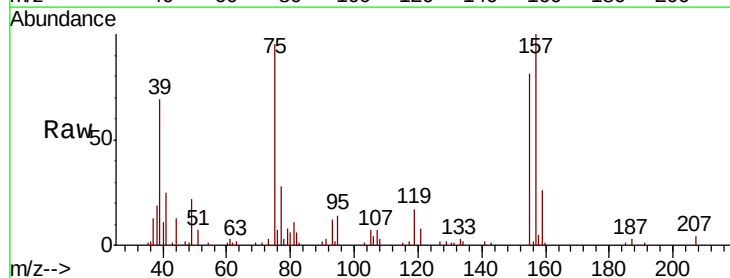
Manual Integrations
 APPROVED

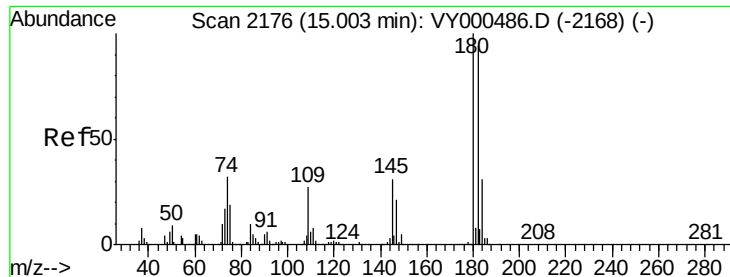
MMDadoda
 11/26/2019 1:33:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.849 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	42.4	127.1
157	111.4	55.1	165.3





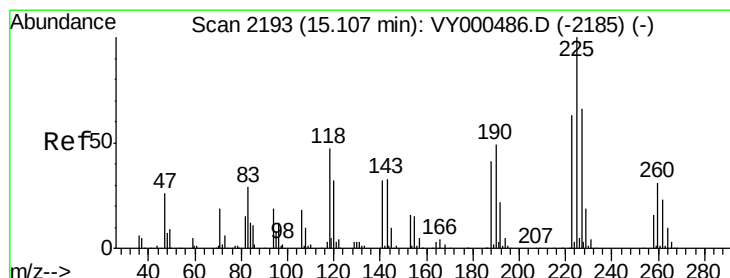
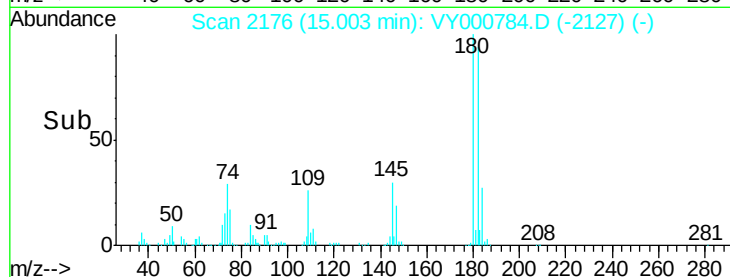
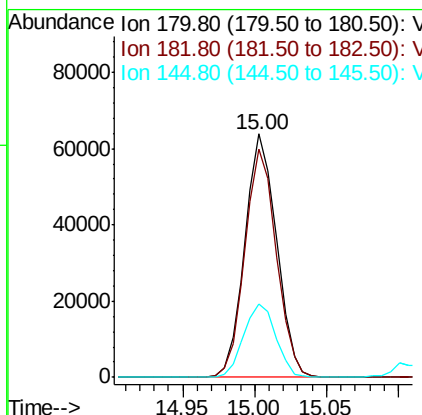
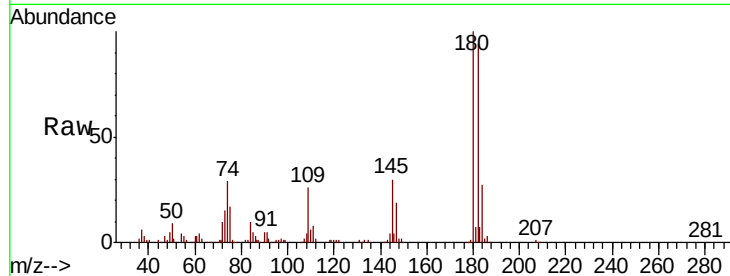
#93
 1,2,4-Trichlorobenzene
 Concen: 20.543 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.4
145	30.6	16.0	47.9

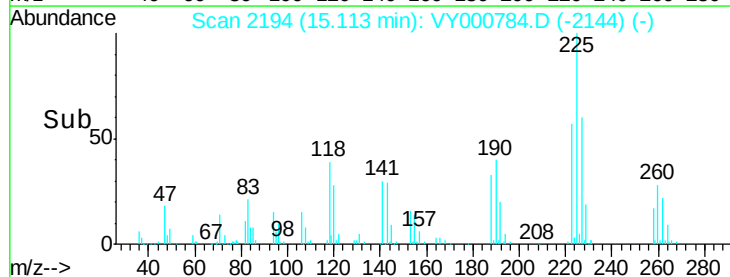
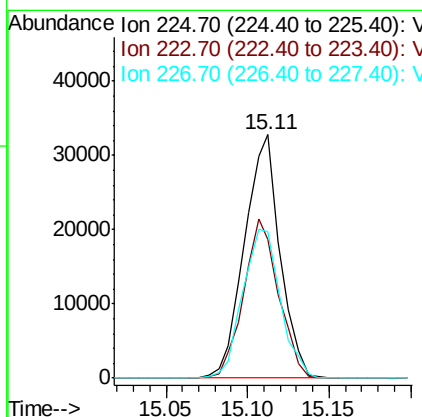
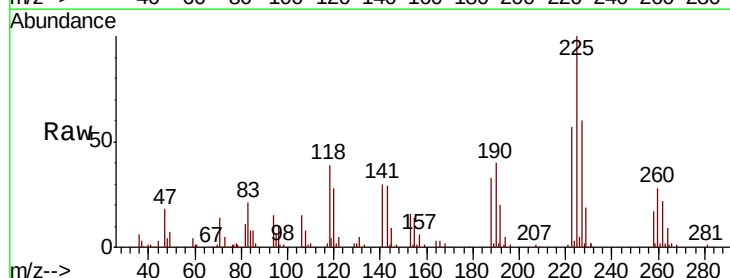
Manual Integrations
 APPROVED

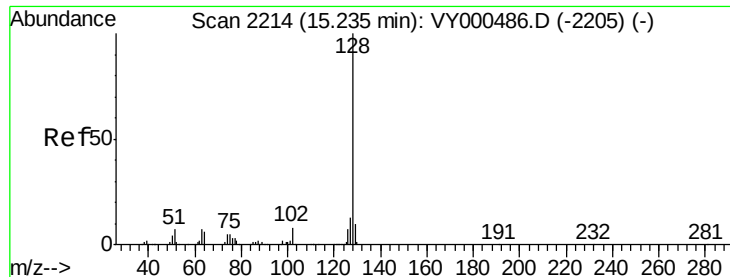
MMDadoda
 11/26/2019 1:33:59 AM



#94
 Hexachlorobutadiene
 Concen: 20.318 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000784.D
 Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.3	93.8
227	65.0	32.4	97.0





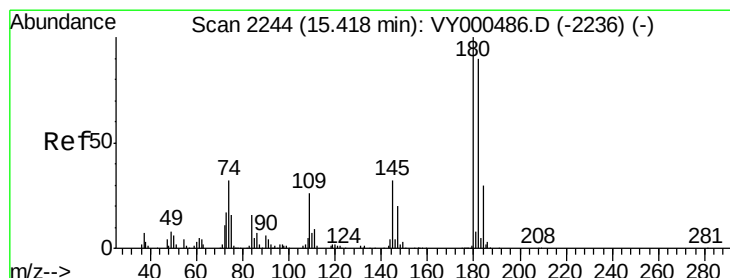
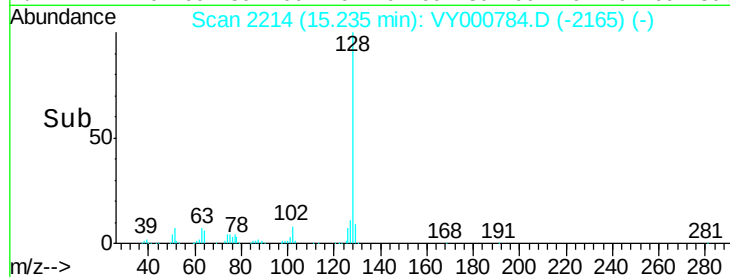
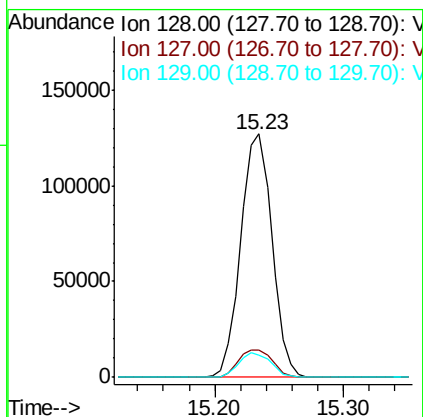
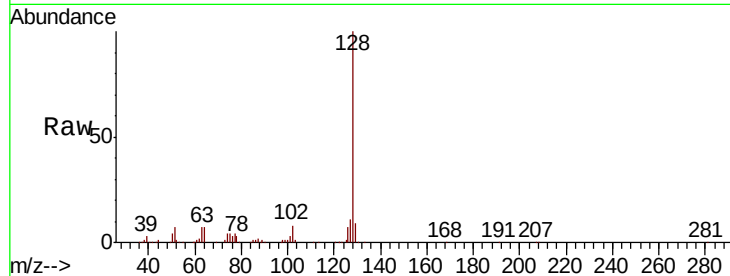
#95
Naphthalene
Concen: 20.326 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	213464		
127	12.5		9.8	14.6
129	10.4		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2019 1:33:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.624 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000784.D
Acq: 22 Nov 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87534		
182	92.3		47.4	142.3
145	32.3		15.7	47.0

